

Master Catalog

Solutions for the Electrical Industry



BURNDY®

Experience. Technology. Answers.™

Customer Service Department
7 Aviation Park Drive
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1-800-346-4175
1-603-647-5299 (International)

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1-800-361-6975 (Quebec)
1-800-387-6487 (All other provinces)

Mexico
011-52-722-265-4400

Brazil
011-55-11-5515-7200

Tool Repair Center
Littleton Industrial Park
Littleton, NH 03561
1-800-426-8720

From the Ground Up

With Over 85 Years of Experience

Since 1924, BURNDY® has been at the forefront of technological innovation for the telecommunications, data, industrial, instrumentation, and energy industries. As a result, we offer one of most widely used and reliable product lines available.

But as times change, we don't forget where we've been. It's our ongoing commitment to our customers and our products that propel us forward. All our products come with the guarantee of the BURNDY® Engineered System. Our coordinating dies, connectors, and tools are designed to work together—today and in the future. When improving our products or debuting new ones, we're committed to ensuring they continue to work with the BURNDY® pieces you already have.

As you look through our catalog and consider how we can work together, look for:

- **The Grounding Superstore™.** BURNDY® offers three versatile grounding system choices, you can choose from mechanical grounding connectors, BURNDYWeld® exothermic products, and the HYGROUND® Irreversible Compression Grounding System.
- **Installation Tooling.** Our mechanical, hydraulic, and battery-powered tools and accessories are designed to work where you work—regardless of weather or access to a power supply.
- **Resources for the future.** BURNDY® devotes significant resources to developing and offering state-of-the-art wind and solar technology.

Our trained and experienced factory sales force can further help you get the products that are right for your job. In fact, as you tell us what you need, our advanced engineering support teams can custom build connectors specifically for your needs.

Make the connection. Call today.



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Item # 591717

Experience. Technology. Answers.™

		INSTALLATION TOOLING SYSTEM												
Conductor		LUGS & SPLICES One & Two HOLE			T&B Index	TAPS Thin-Wall C-taps Run=Tap, AWG only			TAPS Heavy Duty C-Taps Run=Tap			TAPS H-Taps Run=Tap		
AWG	FLEX	Die	Color	Index	Code (Flex)	Die	Color	Index	Die	Color	Index	Die	Color	Index
#8/#6 sol	#8	W8CVT U8CRT	RED	49	21	W4CVT	GRAY	8	U240	RED	240	U11T-1	GREEN	11
#6	#6	W5CVT U5CRT	BLUE	7	24	W2CVT	BROWN	10	UC	BROWN	C	UBGRT	ORANGE	BG
#4	#4	W4CVT U4CRT	GRAY	8	29	W25VT	PINK	12	UC	BROWN	C	UC	BROWN	C
#3/#2 sol		W3CRT U3CRT	WHITE	9		W26VT	BLACK	13	UC	BROWN	C	UC	BROWN	C
#2	#2	W2CVT U2CRT	BROWN	10	33	W27VT	ORANGE	14	UC	BROWN	C	UC	BROWN	C
#1	#1	W1CVT U1CRT-1	GREEN	11		W28VT	PURPLE	15	U997	ORANGE	997	U654	PURPLE	654
1/0	1/0	W25VT U25RT	PINK	12	42 (45)	W29VT	YELLOW	16	U997	ORANGE	997	U654	PURPLE	654
2/0	2/0	W26VT U26RT	BLACK	13	45 (50)		REFER TO CATALOG		U997	ORANGE	997	U654	PURPLE	654
3/0	3/0	W27VT U27RT	ORANGE	14					U997	ORANGE	997	U654	PURPLE	654
4/0	4/0	W28VT U28RT	PURPLE	15	54 (62)	-	-	-	U997	ORANGE	997	U654	PURPLE	654
250	4/0/ 250 class G & H	W29VT U29RT	YELLOW	16		-	-	-	U997	ORANGE	997	U654	PURPLE	654
300	262/ 250 class I, K & M	W30VT U30RT	WHITE	17		-	-	-	U1104	BROWN	1104	U1104	BROWN	1104
350	313	W31VT U31RT	RED	18	71	-	-	-	U1104	BROWN	1104	U1104	BROWN	1104
	350/ 373	W32VT U32RT	BLUE	19		-	-	-	U1104	BROWN	1104	U1104	BROWN	1104
500	444	W34VT U34RT	BROWN	20	87	-	-	-	U1104	BROWN	1104	U1104	BROWN	1104
	500/ 535	U38XRT	PINK	L99		-	-	-	P1103	BLUE	1103	PYFR	YELLOW	KR
600		U36RT	GREEN	22	(99)	-	-	-	P1103	BLUE	1103	PYFR	YELLOW	KR
700		U38RT	PINK	400		-	-	-	P1103	BLUE	1103	PYFR	YELLOW	KR
750	646	U39RT	BLACK	24	106	-	-	-	P1103	BLUE	1103	PYFR	YELLOW	KR
	750/ 777	U44XRT P44XRT-1	YELLOW	L115										
800		P40RT	ORANGE	25	(115)	-	-	-	P1102	WHITE	1102	PYFR	YELLOW	KR
1000		P44RT	WHITE	27		-	-	-	P1102	WHITE	1102	PYFR	YELLOW	KR

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1-800-426-8720

Experience

- Founded July 19, 1924 in New York City under the name of BURNDY® Engineering Company.
- Over 85 years of experience in engineering and manufacturing of quality connectors and tooling to the electrical industry.
- Headquartered in Manchester, New Hampshire.

Technology

- Our lab tests connectors and tooling to the following standards: ANCE, ANSI, ASTM, CSA, IEC, IEEE, NEMA, UL, NUPIC, OSHA, SAE, and Military.
- Quickly and efficiently create virtually any model that our customers desire using the Dimension 1200 Series rapid prototype machine.

Answers

- BURNDY® is the recognized leader in innovation in engineering and manufacturing of high quality compression connectors, grounding products and installation tooling.
- Supplying products and services that span the entire scope the energy industry.
- A trained and experienced factory sales force that is available to assist you with choosing the right BURNDY® connector and tooling solution for your specific application.



Experience. Technology. Answers.™

Trust the BURNDY® Engineered System

Since 1924, BURNDY® has been at the forefront of technological innovation for the telecommunications, data, industrial, instrumentation, and energy industries. As a result, we offer one of most widely used and reliable product lines available.

Our trained and experienced factory sales force can further help you get the products that are right for your job. In fact, as you tell us what you need, our advanced engineering support teams can custom build specifically for your needs.





The SmartCart® and BURNDY® Wire Caddies



Tooling: Designed to BURNDY® Specifications



Die Sets: Die Embossment with Color Match System

Experience. Technology. Answers.™

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WIRE MANAGEMENT
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Complies with NFPA 78-86 Ordinary Structures.
Complies with NFPA 78-86 Heavy Duty Stacks (order: LD for Lead Plating for Heavy Duty Stacks applications.)

LIGHTNING PROTECTION INFO.

Basic rules for selection are:

1 Must be like material to the conductor (Flexitap out due to steel bolts!).
2. Two bolts to ground rod — minimum.
3 Cable to cable connections can be anything — one bolt, two bolt, compression, etc.
4 Cable to steel structure must have 8 square inch contact with steel.
5. Heavy duty stacks — mechanical only.
6. On all connectors with heavy duty stack rating, we must offer 1/16" thick lead plating as an option. Reason is closest 25 ft. to stack opening must use lead coated product.

Complies with NFPA 78-86 Ordinary Structures.
Complies with NFPA 78-86 Heavy Duty Stacks
(order: LD for Lead Plating for Heavy Duty Stack applications)

SPECIAL FEATURES

Other features are also available for products listed in price book such as undrilled or special drilling, 45° or 90° pad angles, belling for extra flexible cable, smooth or special threaded studs, special labeling or packaging, extra long braid, and nuclear certification. REFER TO FACTORY.

ALL OTHERS REFER TO FACTORY

1-800-346-4175

REVOLUTIONARY BURNDY® DESIGN MEETS STRICT UL486B STANDARDS

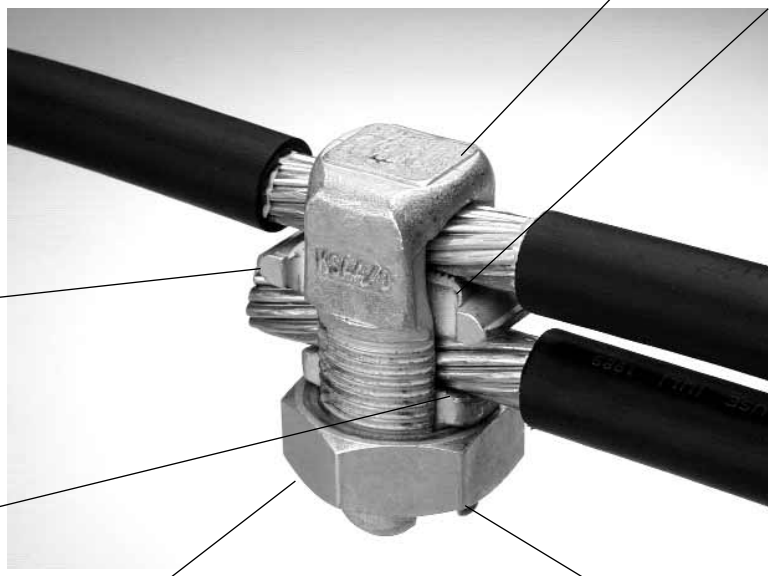
. . . and puts the bite on aluminum connections forever!

For use on all combinations

- Aluminum to aluminum
- Aluminum to copper
- Copper to copper

Patented

Unique "bite and grip" TRITAP™ SERVIT® contact delivers safe, long-term reliability—even without scratch brushing . . . without oxide inhibiting compounds.†



Available in sizes from #10 through 500 kcmil.

Spacer provides built-in separation to retard galvanic corrosion.

Triangular edges bite into cable to break through surface oxides:
- provide low contact resistance.
- produces gas tight seal.

Tin-plated contact surface inhibits oxide formation.

Special heat-treated hard, aluminum alloy.

Anti-galling, high efficiency threaded components result in high contact force. Easily installed using standard, everyday wrenches.

†When used in NEC applications of insulated cables only.

Blue highlighted items are industry standard and most frequently ordered.

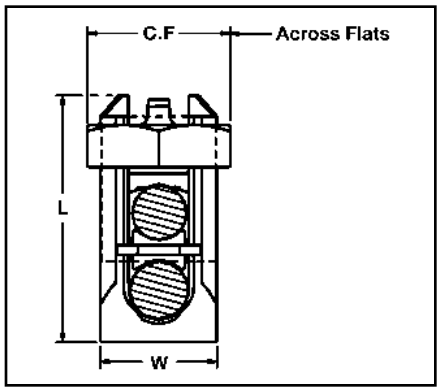
TYPES KS & KS-3

SERVIT®

For Copper, Copperweld

Compact, high strength, high copper alloy SERVIT® split-bolt has free-running threads and easy to grip wrench flats. Highly resistant to season cracking and corrosion, the SERVIT® provides maximum pressure and assures a secure connection on all combinations of run and tap conductors. Type KS-3 accommodates 3 maximum size conductors.





Catalog Number	Cross Flats	L	W	Conductor: Copper: Range for Equal Run and Tap	Conductor: Copper: Min. Tap with Max. Run	Conductor: Copperweld: Maximum Run and Tap: Sol.	Conductor: Copperweld: Maximum Run and Tap: Str.	Conductor: Copperweld: Maximum Run and Tap: Type A	Conductor: Copperweld: Maximum Run and Tap: Type D	▲ Recommended Tightening Torque in-lb
† KS90	.50	.85	.38	12 Str. - 10 Str.	16 Str.	#10	—	—	—	80
† KS15	.50	.85	.38	10 Str. - 8 Str.	14 Str.	#8	—	—	—	
† KS17	.63	1.14	.45	8 Str. - 6 Sol.	14 Str.	#6	3 #12	8A	9-1/2D	165
* KS17-3				8 Str. - 6 Sol.	16 Str.	#6	3 #12	8A	9-1/2D	
† KS20	.69	1.20	.51	8 Str. - 4 Sol.	14 Str.	#4	3 #10	6A	8D	
* KS20-3				8 Str. - 4 Sol.	14 Str.	#4	3 #10	6A	8D	
† KS22	.75	1.50	.60	6 Str. - 2 Sol.	14 Str.	#2	3 #8	4A	6D	275
* KS22-3				6 Str. - 2 Sol.	14 Str.	#2	3 #8	4A	6D	
† KS23	.82	1.54	.62	6 Str. - 2 Str.	14 Str.	#1	3 #7	3A	5D	
† KS25	.94	1.77	.73	4 Str. - 1/0 Str.	14 Str.	2/0	3 #5	2A	4D	385
† KS26	1.05	1.94	.82	2 Str. - 2/0 Str.	14 Str.	3/0	7 #7	—	—	
† KS27	1.36	1.86	1.17	1 Str. - 3/0 Str.	8 Sol.	—	—	—	—	500
† KS29	1.36	2.07	1.17	1 Str. - 250	8 Str.	4/0	7 #5	—	—	650
† KS31	1.70	2.51	1.41	1/0 Str. - 350	1/0 Str.	—	19 #8	—	—	
† KS34	1.82	2.79	1.48	2/0 Str. - 500	2/0 Str.	—	19 #6	—	—	825
KS39	2.31	3.29	1.94	4/0 Str. - 750	4/0 Str.	—	19 #5	—	—	1000
KS44	2.56	3.73	2.19	300 - 1000	4/0 Str.	—	—	—	—	1100

▲ Listed torque values are for maximum conductor combinations accommodated. Consult UL486 Tables 7-4, 7-5, 7-6 for smaller conductor combinations.

See note page A-2
* Not UL Listed or CSA Certified.
† In addition to UL Listed for wire connectors and CSA Certified, these items are also UL rated for direct burial.

TYPE SC

SERVIT® COVER

HUG-A-BUG

Used indoors or outdoors, this compact, one-piece plastic SERVIT® cover saves time and material, **eliminates costly taping of split-bolts**. Positive latch snaps easily and quickly over connector, ideal for tight quarters. Self-positioning plastic fingers wrap around wires fully insulating joint. UL Listed for 600 volt indoor application with type KS. Three Covers accommodate a range of 6 SERVIT® sizes through 2/0 Str.



SERVIT® and cover combination can be ordered as follows:
CKS4 KS20 with cover

For other combinations, please contact factory.

Catalog Number	For Use With
SC4	KS17, KS17-3, KS20 KSU17, KSU20
SC2	KS22, KS20-3, KS23, KS22-3, KSA6, KSA4, KSU22, KSU23
SC2/0	KS25, KS26, KSA2, KSA 1/0 KSU25, KSU26

Blue highlighted items are industry standard and most frequently ordered.

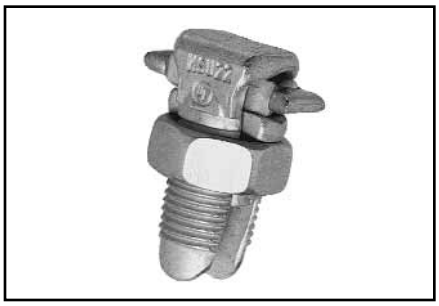
TYPE KSU

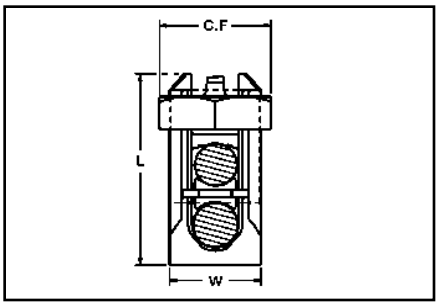
UNIVERSAL SERVIT®

For All Combinations of
Copper, Aluminum,
ACSR, AAAC, 5005, and Steel

Tin-plated, high strength copper alloy SERVIT® with spacer. Spacer separates dissimilar conductors and provides long contact length that prevents high pressure point contacts between run and tap conductors.

Use of PENETROX™ joint compound recommended with Aluminum and ACSR.





Copper Only

486A
Copper Only

Catalog Number	Fig.	Cross Flat	L	W	Conductor							Recommended Tightening Torque in-lb.
					Run		Tap		Maximum Conductor Steel			
					Copper & Aluminum	ACSR AAAC 5005	Copper & Aluminum	ACSR † AAAC 5005	Sol. BWG	3 Str. BWG	Nom Dia.	
KSU17	2	.62	.92	.42	12 Sol. - 6 Sol.	8 (6-1)	12 Sol. - 6 Sol.	8 (6-1)	8	—	5/32	165
KSU20	2	.69	1.05	.48	10 Sol. - 4 Sol.	6 (6-1)	10 Sol. - 4 Sol.	6 (6-1)	6	8	7/32	
KSU22	2	.74	1.25	.57	10 Sol. - 2 Sol.	6 (6-1) - 4 (7-1)	10 Sol. - 2 Sol.	6 (6-1) - 4 (7-1)	4	6	1/4	275
KSU23	2	.81	1.48	.59	8 Str. - 2 Str.	3 (6-1) - 2 (6-1)	8 Sol. - 2 Str.	6 (6-1) - 2 (6-1)	—	4	5/16	275
KSU25	2	.93	1.77	.70	2 Str. - 1/0 Str.	3 (6-1) - 1 (6-1)	10 Str. - 1/0 Str.	6 (6-1) - 1 (6-1)	—	—	3/8	385
KSU26	2	1.04	1.93	.79	1/0 Str. - 2/0 Str.	1 (6-1) - 1/0 (6-1)	8 Str. - 2/0 Str.	6 (6-1) - 1/0 (6-1)	—	—	7/16	385
KSU27	1	1.38	2.34	1.12	1 Str. - 3/0 Str.	1 (6-1) - 2/0 (6-1)	8 Sol. - 3/0 Str.	8 (6-1) - 2/0 (6-1)	—	—	1/2	500
KSU29	1	1.38	2.50	1.14	1 Str. - 250	2/0 (6-1) - 4/0 (6-1)	8 Str. - 250	6 (6-1) - 4/0 (6-1)	—	—	1/2	650
KSU31	1	1.69	2.88	1.36	4/0 Str. - 350	3/0 (6-1) - 4/0 (6-1)	4 Str. - 350	4 (6-1) - 4/0 (6-1)	—	—	5/8	650
KSU34	1	2.00	3.12	1.47	400 - 500	336 (30-7) - 477 (18-1)	2 Str. - 500	2 (6-1) - 477 (18-1)	—	—	—	825

Accommodates compressed conductors within conductor ranges.

See note page A-2

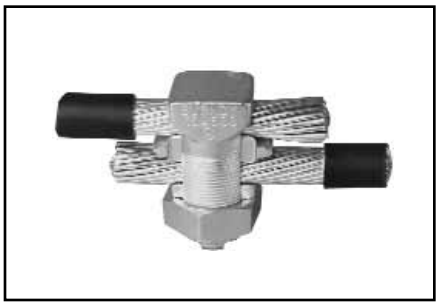
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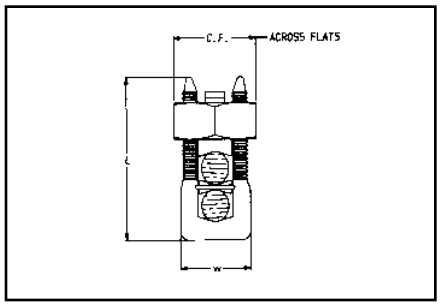
TYPE KSA

TRITAP™ SERVIT®

For All Combinations of Aluminum to Aluminum, Aluminum to Copper and Copper to Copper, Aluminum Alloy Tin Plated

PATENTED TRIANGULAR PENETRATION TECHNOLOGY CONTACT





Features and Benefits

- No scratch brushing required.
- No oxide inhibitor required.
- Orients the conductor.
- Provides maximum pressure and assures a secure connection of run and tap conductors.
- Facilitates piercing the aluminum conductor surface oxides.
- UL 486B listed, 90°C rated.
- Provides a low contact resistance.
- Provides equal coefficient of expansion
- Inhibits the reformation of oxides by producing a gas-tight seal.
- Provides improved retention of minimum to maximum conductor combinations.

Catalog Number	Cross Flats	L	W	Alum. to Alum., Alum. to Copper, Copper to Copper Conductors						Recommended ▲ Tightening Torque in-lb
				Max. Run to Max. Tap		Min. Run to Min. Tap		Max. Run to Min. Tap		
KSA6	.75	1.28	.56	#6 Str. (.184)	#6 Str. (.184)	#10 Sol. (.102)	#10 Sol. (.102)	#6 Str. (.184)	#10 Sol. (.102)	165
KSA4	.81	1.38	.62	#4 Str. (.232)	#4 Str. (.232)	#8 Sol. (.129)	#10 Sol. (.102)	#4 Str. (.232)	#10 Sol. (.102)	165
KSA2	.94	1.58	.69	#2 Str. (.292)	#2 Str. (.292)	#6 Sol. (.169)	#8 Str. (.146)	#2 Str. (.292)	#8 Sol. (.146)	275
KSA 1/0	1.00	1.92	.75	#1/0 Str. (.373)	#1/0 Str. (.373)	#2 Str. Compact (.268)	#8 Sol. (.129)	#1/0 Str. (.373)	#8 Sol. (.129)	385
KSA 2/0	1.12	1.92	.88	#2/0 Str. (.418)	#2/0 Str. (.418)	#2 Str. Compact (.268)	#8 Str. (.146)	#2/0 Str. (.418)	#8 Str. (.146)	385
KSA 4/0	1.49	2.54	1.13	#4/0 Str. (.528)	#4/0 Str. (.528)	#2 Str. Compact (.268)	#6 Str. (.184)	#4/0 Str. (.528)	#6 Str. (.184)	500
*KSA 350	1.69	3.24	1.50	350 kcmil (.681)	350 kcmil (.681)	#1/0 Str. Compact (.336)	#4 Str. (.232)	#350 kcmil (.681)	#4 Str. (.232)	650
*KSA 500	2.00	3.62	1.73	500 kcmil (.813)	500 kcmil (.813)	400 kcmil Compact (.659)	#2 Str. Compact (.268)	#500 kcmil (.813)	#2 Str. Compact (.268)	825

▲Listed torque values are for maximum conductor combinations accommodated. Consult UL486 Tables 7-4, 7-5, 7-6 for smaller conductor combinations.
* Not CSA Certified.
** No scratch brushing or oxide inhibiting compounds required for insulated 90° C max. rated conductor for N.E.C. applications.

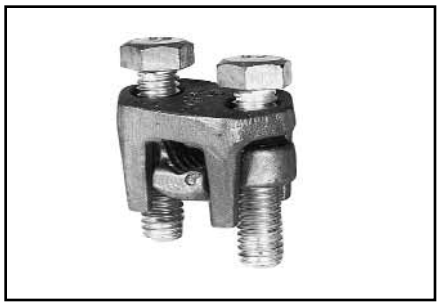
Blue highlighted items are industry standard and most frequently ordered.

TYPE KVS

OKLIP™

Mechanical Connector
For Copper & Copperweld

Compact, two-piece, high strength, high copper alloy BURNDY® OKLIP™ recommended for heavy duty connections. Neoprene rings hold DURIUM™ bolts in place during installation. Installed with ordinary wrench.



Catalog Number	Conductor					Recommended ▲ Tightening Torque in-lb
	Copper		Copperweld			
			Max. Run and Tap			
	Run	Tap	Sol.	Str.	Type V	
KVS26	2 Str. - 2/0 Str.	6 Sol. - 2/0 Str.	3/0	7 #8	—	180
KVS28	1/0 Str. - 4/0 Str.	10 Str. - 4/0 Str.	4/0	7 #6	V3/0	250
KVS31	250 - 350 kcmil	10 Str. - 350 kcmil	—	19 #8	V250	325
KVS34	400 - 500 kcmil	10 Str. - 500 kcmil	—	19 #6	V350	375
KVS40	400 - 800 kcmil	3/0 Str. - 800 kcmil	—	19 #5	—	500
KVS44	500 - 1000 kcmil	3/0 Str. - 1000 kcmil	—	—	—	500

▲ Listed torque values are for maximum conductor combinations accommodated. Consult UL486 Tables 7-4, 7-5, 7-6 for smaller conductor combinations.

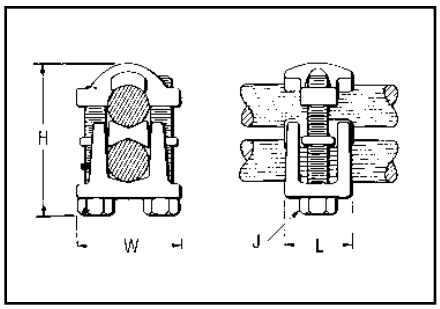
See note page A-2

TYPE KVSU

UNIVERSAL OKLIP™

Mechanical Connector
For All Combinations
of Copper, Aluminum,
ACSR, AAAC & 5005





Compact, high strength, tin plated copper alloy two-piece connector with spacer and tin-plated silicon bronze DURIUM™ hardware. Recommended for heavy duty connections. Spacer separates dissimilar conductors and provides long contact length. Neoprene ring prevents loss of shorter bolt during installation. Longer peened bolt permits swivel action for easier installation.

Use of PENETROX™ joint compound recommended with aluminum and ACSR.

Catalog Number	Conductor								H	J	L	W	Recommended Tightening Torque in-lb
	Run		Tap		Run		Tap						
	Copper & Alum.	ACSR, AAAC, & 5005	Copper & Alum.	ACSR, AAAC, & 5005	Copper Sol., Copperweld Sol.,	Steel Nom. Dia.	Copper Sol., Copperweld Sol.,	Steel Nom. Dia.					
KVSU26	2 Str. - 2/0 Str.	3 - 2/0	6 Str. - 2/0 Str.	6 - 2/0	1 - 3/0	5/16 - 7/16	#6 - 3/0	3/16 - 7/16	2	5/16	1	1-1/2	180
KVSU28	1/0 Str. - 4/0 Str.	1/0 - 4/0	6 Str. - 4/0 Str.	6 - 4/0	2/0 - 4/0	3/8 - 1/2	#6 - 4/0	5/32 - 1/2	2-3/8	3/8	1-1/8	1-3/4	250
KVSU31	250 - 350 kcmil	4/0 - 300	AWG 6 - 350 kcmil	6 - 300	—	9/16 - 5/8	#6 - 4/0	3/16 - 5/8	2-5/8	1/2	1-3/8	2-1/8	325
KVSU34	400 - 500 kcmil	336.4 - 397.5	AWG 4 - 500 kcmil	5 - 397.5	—	3/4 - 3/4	#4 - 4/0	7/32 - 3/4	3	1/2	1-1/2	2-1/4	375
KVSU40	400 - 800 kcmil	4/0 - 800	AWG 4/0 - 800 kcmil	3/0 - 715.5	—	3/4 - 1	—	1/2 - 1	3-1/2	1/2	1-5/8	2-1/2	500
KVSU44	500 - 1000 kcmil	4/0 - 1000	AWG 4/0 - 1000 kcmil	4/0 - 900	—	7/8 - 1-1/8	—	1/2 - 1-1/8	4	3/8	2	3	

Accomodations compressed conductors within diameter range.

See note page A-2

Blue highlighted items are industry standard and most frequently ordered.

TYPE KVSW

OKLIP™

Mechanical Connector
For Copper and Copperweld.

Similiar to OKLIP™ Type KVS except for a high copper alloy spacer that separates run and tap conductors. Provides high contact pressure, confines conductor strands, and assures vibration-proof connection. Longer peened bolt, permits swivel action for easier installation. Silicon bronze DURIUM™ hardware.



Catalog Number	Conductor		Recommended Tightening Torque in-lb
	Run	Tap	
KVSW26	2 Str. - 2/0 Str.	6 Sol. - 2/0 Str.	180
KVSW28	1/0 Str. - 4/0 Str.	6 Sol. - 4/0 Str.	250
KVSW31	250 - 350 kcmil	4 Sol. - 350 kcmil	325
KVSW34	400 - 500 kcmil	4 Str. - 500 kcmil	375
KVSW40	400 - 800 kcmil	AWG 4/0 - 800 kcmil	500
KVSW44	500 - 1000 kcmil	250 - 1000 kcmil	500

See note page A-2

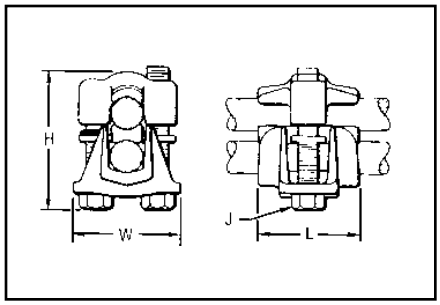
TYPE KVS-A

ALUMINUM OKLIP™

Mechanical Connector
For All Combinations of
Copper, Aluminum†, ACSR†,
AAAC and 5005

Three-piece, high-conductivity, non-copper bearing aluminum alloy connector with thick spacer and aluminum hardware. Hardware in KVS26A and KVS28A is stainless steel. Recommended for heavy duty dissimilar metal applications. Spacer separates conductors and provides long contact length. Belled entrances prevent chafing, permit easier assembly of conductors. Longer peened bolt permits swivel action for easier installation. Neoprene ring prevents loss of shorter bolt. PENETROX™ joint compound recommended with aluminum and ACSR.





Catalog Number	Conductor				Recommended Tightening Torque in-lb
	Run		Tap		
	Copper, & Alum.†	ACSR†, AAAC, & 5005	Copper, & Alum.†	ACSR†, AAAC & 5005	
KVS26A	2 Str. - 2/0 Str.	AWG 4 - 2/0	10 Str. - 2/0 Str.	6 - 2/0	180
KVS28A	1/0 Str. - 4/0 Str.	AWG 1/0 - 4/0	10 Str. - 4/0 Str.	6 - 4/0	240
KVS31A	250 - 350 kcmil	AWG 4/0 - 336.4	6 Str. - 350 kcmil	6 - 336.4	300
KVS34A	400 - 500 kcmil	336.4 - 397.5	4 Str. - 500 kcmil	5 - 397.5	300
KVS40A	400 - 800 kcmil	336.4 - 715.5	3/0 Str. - 800 kcmil	3/0 - 715.5	300
KVS44A	500 - 1000 kcmil	397.5 - 900	3/0 Str. - 1000 kcmil	3/0 - 900	480

† Accommodates compressed conductors within diameter range.

See note page A-2

THESE CONNECTORS CAN ACCOMMODATE ACSR CONDUCTORS OVER ARMOR ROD WITHIN THE DIAMETER RANGE INDICATED.

APPLICATION OVER ARMOR ROD

Catalog Number	Conductor Range by Diameter			H	J	L	W
	Min. Run Dia.	Min. Tap Dia.	Max. Run & Tap Dia.				
KVS26A	.281	.116	.447	2-1/4	5/16	1-1/4	1-5/8
KVS28A	.360	.116	.564	3	3/8	1-5/8	2-1/16
KVS31A	.565	.184	.681	3-1/16	1/2	1-15/16	2-7/16
KVS34A	.728	.216	.814	3-9/16	1/2	2-5/16	2-5/8
KVS40A	.728	.470	1.036	4-1/16	1/2	2-7/16	2-7/8
KVS44A	.806	.470	1.162	4-7/8	5/8	2-1/2	3-1/8

Blue highlighted items are industry standard and most frequently ordered.

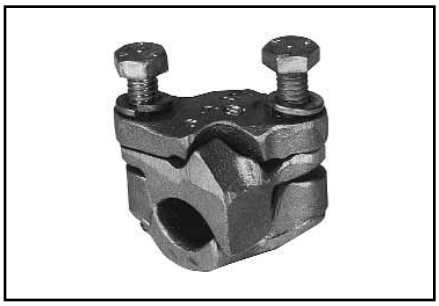
TYPE QPX

VERSITAP™

Parallel Clamp For Copper, Copperweld, Copperweld-Copper

The VERSITap™ Type QPX is recommended for Tee, Cross, Parallel, Butt and Tap connections. Range-taking, only 10 connectors required to accommodate conductor sizes from #6 Str. to 1000 kcmil. Edges are rounded for easy taping. Made of high strength, high-conductivity copper alloy and silicon bronze DURIUM™ hardware.

*** For various configurations, see page A-10.**



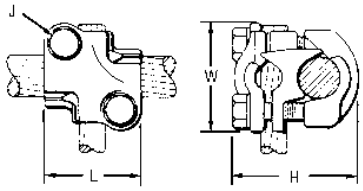


Fig. 1

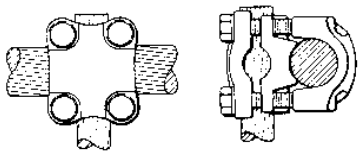


Fig. 2

Catalog Number	Copper Conductor Run	Copper Conductor Tap	Fig. No.	H	J	L	W	Recommended Tightening Torque in-lb ▲
QPX2C2C	6 Str. - 2 Str.	6 Str. - 2 Str.	1	1-1/2	5/16	1-5/16	1-3/8	150
QPX282C	1 Str. - 4/0 Str.	6 Str. - 2 Str.		2-1/16			1-9/16	250
QPX2828		1 Str. - 4/0 Str.		2-3/8	3/8	1-13/16	1-13/16	
QPX342C	250 - 500 kcmil	6 Str. - 2 Str.			5/16	1-3/8	1-7/8	375
QPX3428		1 Str. - 4/0 Str.		2-3/4	3/8	1-3/4	2-1/16	
QPX3434		250 - 500 kcmil	2	3		2-1/16	2-3/16	
QPX442C	500 - 1000 kcmil	6 Str. - 2 Str.	1	2-11/16	5/16	1-3/8	2-1/4	500
QPX4428		1 Str. - 4/0 Str.		2-7/8	3/8	1-13/16	2-7/16	
QPX4434		250 - 500 kcmil	2	3-1/16		2-1/16		
QPX4444		500 - 1000 kcmil		3-7/16		2-5/8	2-9/16	

▲ Listed torque values are for maximum conductor combinations accommodated. Consult UL486 Tables 7-4, 7-5, 7-6 for smaller conductor combinations.

See note page A-2.

Catalog Number	Conductor Run Copperweld	Conductor Run Copperweld – Copper	Conductor Tap Copperweld	Conductor Tap Copperweld – Copper
QPX2C2C	5 Sol. - 3 #7	8A - 4A	5 Sol. - 3 #7	8A - 4A
QPX282C	7 #9 - 7 #5	3A - 3/0 V	5 Sol. - 3 #7	8A - 4A
QPX2828	7 #9 - 7 #5	3A - 3/0 V	7 #9 - 7 #5	3A - 3/0 V
QPX342C	19 #9 - 19 #6	4/0 EK	5 Sol. - 3 #7	8A - 4A
QPX3428			7 #9 - 7 #5	3A - 3/0 V
QPX3434			19 #9 - 19 #6	4/0 EK
QPX442C	19 #6	—	5 Sol. - 3 #7	8A - 4A
QPX4428			7 #9 - 7 #5	3A - 3/0 V
QPX4434			19 #9 - 19 #6	4/0 EK
QPX4444			19 #6	

Blue highlighted items are industry standard and most frequently ordered.

TYPE QPX-Y

UNIVERSAL VERSITAP™

Universal Parallel Clamp
For Copper and Aluminum

High copper alloy cast connector, tin-plated for use with copper or aluminum cable. Makes parallel, tap, tee, cross or end-to-end connections. Edges rounded for easy taping. PENETROX™ joint compound recommended.



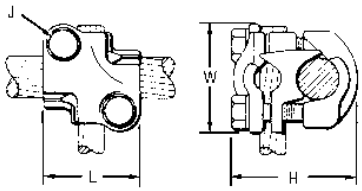


Fig. 1

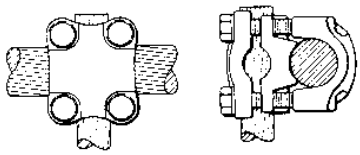
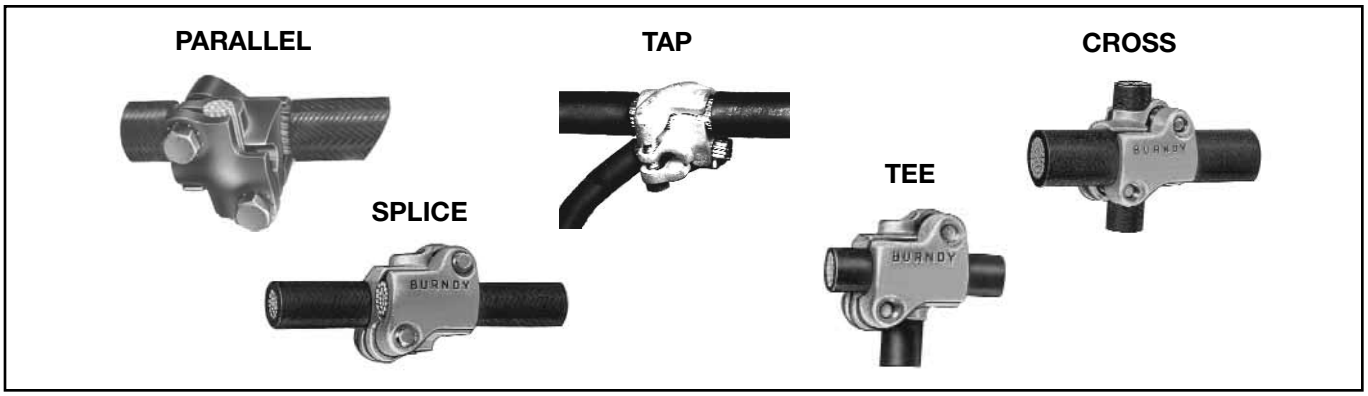


Fig. 2

Catalog Number	Conductor Aluminum or Copper Run	Conductor Aluminum or Copper Tap	Fig. No.	H	J	L	W	Recommended Tightening Torque in-lb ▲
QPX2C2C-Y	6 Str. - 2 Str.	6 Str. - 2 Str.	1	1-5/8	5/16	1-1/2	1-5/8	150
QPX282C-Y	1/0 Str. - 4/0 Str.	6 Str. - 2 Str.		1-7/8			1-7/8	
QPX2828-Y	1/0 Str. - 4/0 Str.	1/0 Str. - 4/0 Str.	1	2	3/8	2	2-1/8	250
QPX342C-Y	250 - 500 kcmil	6 Str. - 2 Str.		2-1/4	5/16	1-1/2	2-1/8	375
QPX3428-Y		1/0 Str. - 4/0 Str.		2-1/2	3/8	2	2-1/2	
QPX3434-Y		200 - 500 kcmil	2	2-7/8		2-1/2	2-5/8	
QPX4444-Y	750 - 1000 kcmil	750 - 1000 kcmil	2	3-7/8	1/2	3-1/2	3-1/2	500

▲ Listed torque values are for maximum conductor combinations accommodated. Consult UL486 Tables 7-4, 7-5 7-6 for smaller conductor combinations.
See note page A-2.

APPLICATION VARIATIONS



Blue highlighted items are industry standard and most frequently ordered.

TYPE KPA

SCRULUG™

For Copper Cable

High copper alloy tin-plated terminal for joining a wide range of cable to equipment pads or terminal blocks. Especially good in light industrial applications. The tongue and body are a one-piece design. The pressure bar equalizes pressure over the conductor and prevents the screw from cutting into the cable.



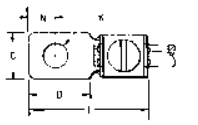


Fig. 1

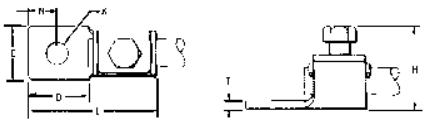


Fig. 2

Catalog Number	Wire Range	Fig. No.	C	D	H	K	Stud Hole Size	L	N	T	Recommended Tightening Torque in-lb
KPA8C	14 Sol. - 8 Str.	1	.38	.47	.72	.21	.10	.95	.22	.06	12
KPA4C	14 Sol. - 4 Str.	1	.50	.59	.94	.27	1/4	1.20	.30	.06	45
KPA25	4 Str. - 1/0 Str.	2	.75	.81	1.25	.33	5/16	1.70	.41	.10	180
KPA28	1/0 Str. - 4/0 Str.	2	.97	1.12	1.66	.40	3/8	2.29	.53	.13	250
KPA34	4/0 Str. - 500 kcmil	2	1.38	1.38	2.44	.54	1/2	3.14	.75	.20	375

NOTE: For unplated version add "UNPL" suffix.

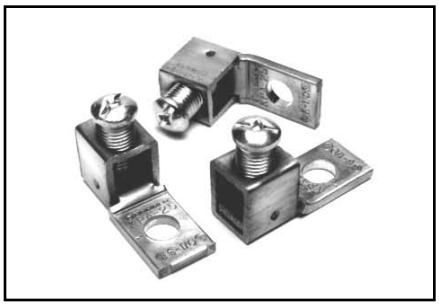
Blue highlighted items are industry standard and most frequently ordered.

TYPE KPA-UP

SCRULUG™

For Copper Cable

High copper alloy terminal for joining a wide range of cable to equipment pads or terminal blocks. Plain copper finish.



Features and Benefits

- One piece design.
  - ◊ Superior torque and pull out performance.
- Convenient range taking design.
  - ◊ Reduces catalog numbers. One catalog number accommodates several conductor sizes.
- High conductivity copper alloy.
  - ◊ Long lasting, reliable contact.
- Compact design.
  - ◊ Easy to use.
- Slot Robertson screw, hex head, hex socket bolt.
  - ◊ No special installation tools required. Eliminates over-torquing/potential conductor damage.

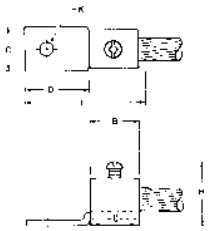


Fig. 1

Catalog Number	Wire Range	Fig. No.	C	D	H	K	Stud Hole Size	L	N	T	Hardware	Recommended Tightening Torque in-lb
KPA8CUP	14 Sol. - 6 Str.	1	0.38	0.51	0.81	0.20	#10	1.01	0.24	0.07	1/4 Dia. Slot Robertson	35
KPA4CUP	14 Sol. - 4 Str.		0.50	0.71	1.00	0.28	1/4	1.28	0.33	0.07	5/16 Dia. Slot Robertson	45

NOTE: For tin plating drop "-UP" suffix and add "-TP" suffix (example: KPA4CTP).
For use in grounding applications with a green screw, contact factory. Listed for grounding per UL467.

TYPE KLU

SCRULUG™

For Copper Cable —
Offset Tongue — Non-Plated

High copper alloy terminal with offset tongue for joining a wide range of cable to equipment pads or bar. Easy to install with screwdriver or wrench. Connector is reusable. Plain copper finish.



Features and Benefits

- Convenient range-taking design.
  - ◊ Reduces catalog numbers. One conductor accommodates several conductor sizes.
- High conductivity copper alloy.
  - ◊ Long lasting reliable contact.
- Compact design.
  - ◊ Easy to use. Reduces labor time.
- Slot Robertson screw, hex head/hex socket bolt.
  - ◊ No special installation tools required. Eliminates over-torquing/potential conductor damage.

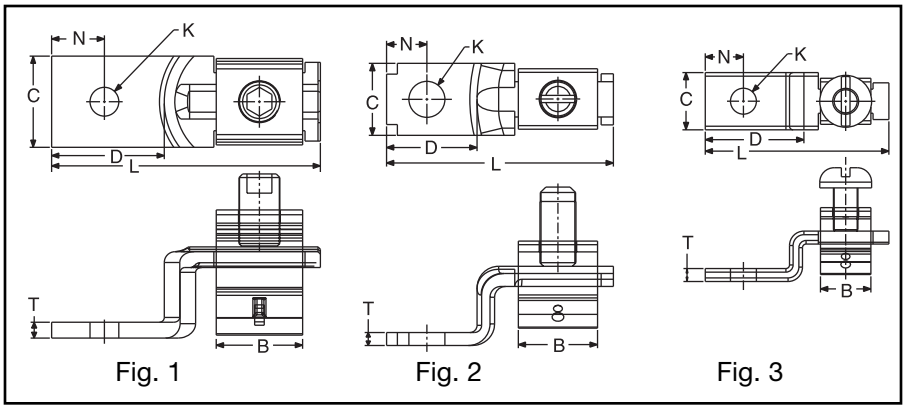


Fig. 1 Fig. 2 Fig. 3

① Catalog Number	Conductor	Fig. No.	B (MM/IN)	C (MM/IN)	K (MM/IN)	L (MM/IN)	N (MM/IN)	T (MM/IN)	Recommended Tightening Torque in Lbs.	Hardware	Stud Hole Size	Quantity/ Package	Strip Length (In.)
KLU25	14 Sol. 1.63 (0.64) Dia. to	3	6.4	8.0	3.6	26.0	6.3	1.9	20	No. 8 - 32 Slotted Round	#6	100	7/16
KLU25TP	10 Sol. 2.60 (1.02) Dia. Cu		.26	.31	.14	1.02	.21	.07		Machine Screw			
KLU35	14 Sol. 1.63 (.0641) Dia. to	2	8.4	10.0	6.0	31.6	5.6	1.8	45	1/4 UNF Slotted Set	#10	100	5/8
KLU35TP	6 Str. 4.67 (.184) Dia. Cu		.33	.39	.20	1.24	.22	.07		Screw			
KLU70	8 Sol. 3.28 (.129) Dia. to		11.8	12.0	6.7	39.6	6.4	2.1	50	5/16 UNF Slotted Set	1/4	100	3/4
KLU70TP	2 Str. 7.42 (.292) Dia. Cu		.46	.47	.26	1.56	.25	.08		Screw			
KLU125	2 Str. 7.42 (.292) Dia. to		16.9	16.9	6.5	50.5	10.8	2.7	50	3/8 UNF Slotted Set	1/4	25	15/16
KLU125TP	1/0 Str. 9.44 (.372) Dia. Cu		.63	.63	.26	1.99	.43	.11		Screw			
KLU175	4 Str. 5.89 (.232) Dia. to	1	18.0	19.0	10.0	66.0	11.0	4.0	124	3/8 UNF Socket/Hex	3/8	12	1
KLU175TP	3/0 Str. 11.94 (.470) Dia. Cu		.71	.75	.39	2.20	.43	.16		Screw			
KLU225	2 Str. 7.42 (.292) Dia. to		19.6	26.2	8.5	65.0	13.0	3.1	204	7/16 UNF Socket/Hex	5/16	12	1-5/16
KLU225TP	4/0 Str. 13.4 (.528) Dia. Cu		.77	.99	.33	2.56	.51	.12		Screw			
KLU300	1/0 Str. 9.44 (.372) Dia. to	1	25.2	26.2	10.0	72.0	13.1	3.1	325	5/8 UNF Socket/Hex	3/8	6	1-5/8
KLU300TP	350 kcmil 17.30 (.681) Dia. Cu		1.0	.99	.39	2.83	.52	.12		Screw			
KLU400	1/0 Str. 9.44 (.372) Dia. to		29.6	38.0	10.0	104.0	23.0	4.5	375	5/8 UNF Socket/Hex	3/8	3	1-5/32
KLU400TP	500 kcmil 207 (.813) Dia Cu		1.16	1.60	.39	4.09	.91	.18		Screw			

NOTES:
① Suffix "-TP" on catalog number denotes tin plate (example: KLU400TP).
2 Material: Copper alloy.

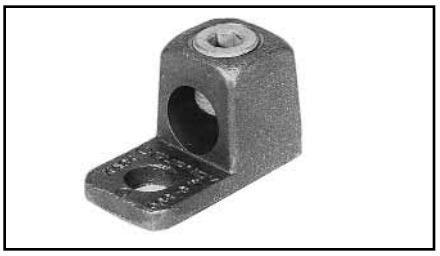
Blue highlighted items are industry standard and most frequently ordered.

TYPE KA

KA-LUG™

For Copper Cable

Compact, economical, high copper alloy terminal for joining a wide range of cable to equipment pads or terminal blocks.



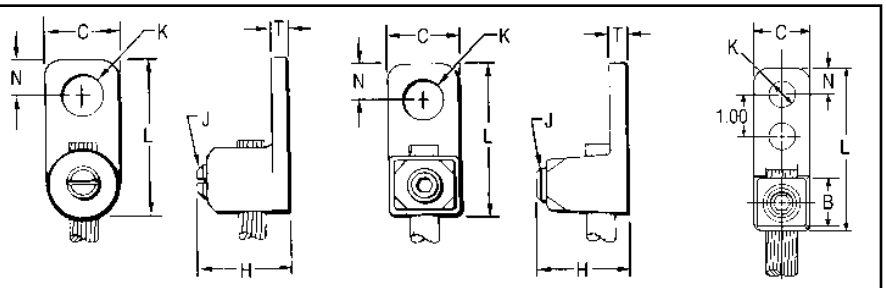


Fig. 1 Fig. 2 Fig. 3

Catalog Number	Conductor	Fig. No.	C	H	J	K	Stud Hole Size	L	N	T	Recommended Tightening Torque in-lb
KA8C	14 Sol. - 8 Str.	1	3/8	5/8	#12	7/32	#10	13/16	3/16	3/32	25
KA4C	14 Sol. - 4 Str.		9/16	3/4	5/16	9/32	1/4	1-1/8	1/4	7/64	45
KA25	4 Str. - 1/0 Str.	2	3/4	15/16	1/2	27/64	3/8	1-11/16	3/8	1/8	200
KA25-2TC 38	4 Str. - 1/0 Str.	3	3/4	15/16	1/2	27/64	3/8	2-13/16	3/8	1/8	200
KA28	1 Str. - 4/0 Str.	2	15/16	1-1/4	5/8	27/64	3/8	1-15/16	7/16	3/16	275
KA34	4/0 Str. - 500 kcmil		1-3/8	2-3/32	13/16	9/16	1/2	2-9/16	9/16	9/32	375

▲ Listed torque values are for maximum conductor sizes accommodated.
Consult UL486 Tables 7-4, 7-5, 7-6 for smaller conductor sizes.

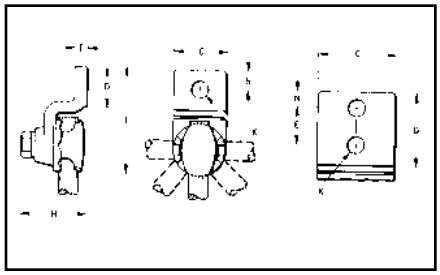
TYPE EA

VERSILUG™

For Copper Cable

Compact, high copper alloy terminal for joining a wide range of cable to equipment pads or bar. **Clamping element adjustable to several angles.** One-wrench installation.





Catalog Number	Conductor	No. of Holes in Pad	C	D	E	H	K	Stud Hole Size	L	N	T	Recommended Tightening Torque in-lb
EA2C	8 Sol. - 2 Str.	1	13/16	1-1/16	—	1-3/8	7/16	3/8	2-1/2	13/32	1/4	150
EA25	2 Str. - 1/0 Str.	1	7/8	1-1/8	—	1-7/16		3/8	2-11/16	7/16		180
EA28	1/0 Str. - 4/0 Str.	1	1-1/16	1-3/8	—	1-3/4		3/8	3-3/16	17/32	5/16	250
EA28-2N		2 NEMA		3-5/8	1-3/4		9/16	1/2	5-1/8	5/8		
EA34	250 - 500 kcmil	1	1-3/8	1-5/8	—	2-1/4		1/2	4	13/16	3/8	375
EA34-2N		2 NEMA		3-5/8	1-3/4			1/2	5-5/8	5/8		

* "N" indicates NEMA standard stud holes.
▲ Listed torque values are for maximum conductor sizes accommodated.
Consult UL486 Tables 7-4, 7-5, 7-6 for smaller conductor sizes.

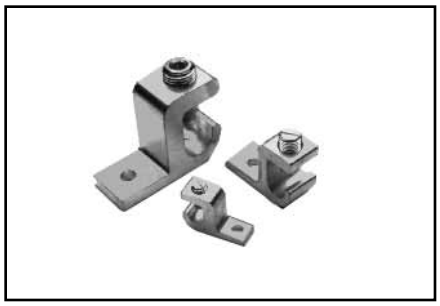
Blue highlighted items are industry standard and most frequently ordered.

TYPE BGBL

LAY-IN QIKLUG™

*UL Listed 90° C, 600 V

The Lay-In QIKLUG™, Type BGBL is manufactured from high strength 6061-T6 aluminum, and is ideally suited for grounding and bonding applications accommodating both copper and aluminum conductor sizes #14 AWG to 250 kcmil.



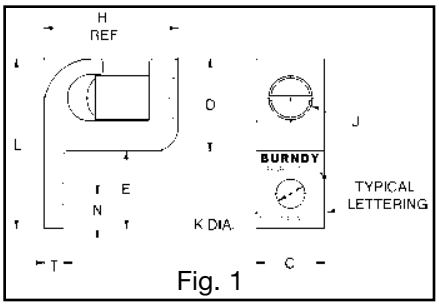


Fig. 1

Features and Benefits

- * UL486B listed, AL9CU rated.
  - ◇ For copper and aluminum conductor combinations up to 90° C, 600 Volt applications.
- UL Recognized for grounding and bonding.
  - ◇ Ensures reliability.
- Electro-tin plated.
  - ◇ Provides low contact resistance.
- Lay-in feature.
  - ◇ Eases installation.

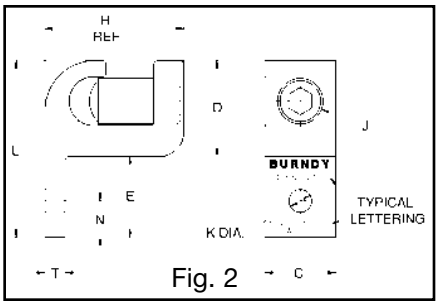


Fig. 2

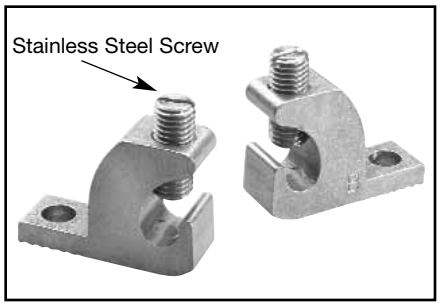
Catalog Number	Fig. No.	Conductor Range	Dimensions									Hex Size
			C	D	E	H Ref.	Bolt Size J	K Dia.	L	N	T	
BGBL-4	1	AWG 14 - 4	.39 [10]	.62 [16]	.48 [12]	.79 [20]	1/4 - 28	.22 [6]	1.10 [28]	.20 [5]	.13 [3]	SLOT
BGBL-1/0	1	AWG 14 - 1/0	.63 [16]	.80 [20]	.83 [21]	1.16 [29]	3/8 - 24	.28 [7]	1.63 [41]	.44 [11]	.19 [5]	SLOT
BGBL-250	2	AWG 6 - 250 kcmil	.88 [22]	1.18 [30]	1.00 [30]	1.72 [44]	7/16 - 18	.28 [7]	2.18 [55]	.45 [11]	.25 [6]	7/32

NOTE: PEN-A PENETROX™ inhibitor is recommended for all aluminum terminations.

TYPE CL50-1

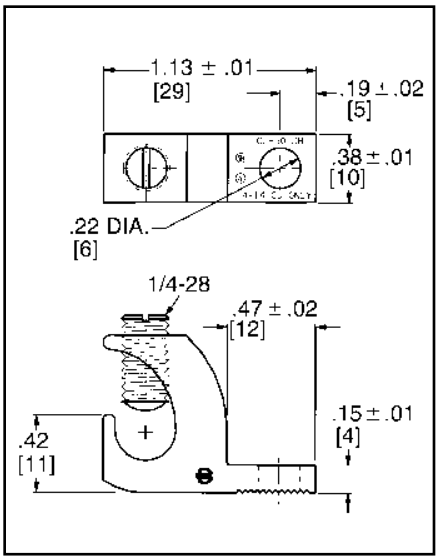
COPPER LAY-IN QIKLUG™ FOR COPPER

The Lay-In QIKLUG™ is manufactured from high strength pure electrolytic copper to ensure maximum strength and conductivity. UL467 Listed for direct burial in earth or concrete. The open-faced design allows for fast lay-in of the conductor without the need for cutting or breaking.



Catalog Number	Wire Range Copper	Stud Hole
CL50-1	#14 - #4 Cu	#10
CL50-1TN*	#14 - #4 Cu	#10

*-TN version is tin plated. Commonly used for solar panel grounding



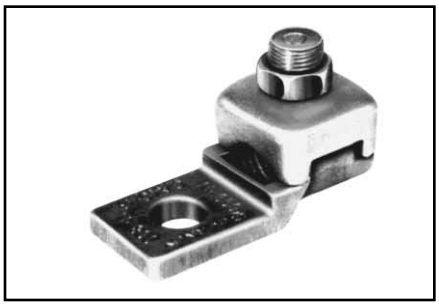
Blue highlighted items are industry standard and most frequently ordered.

TYPES QA, QQA

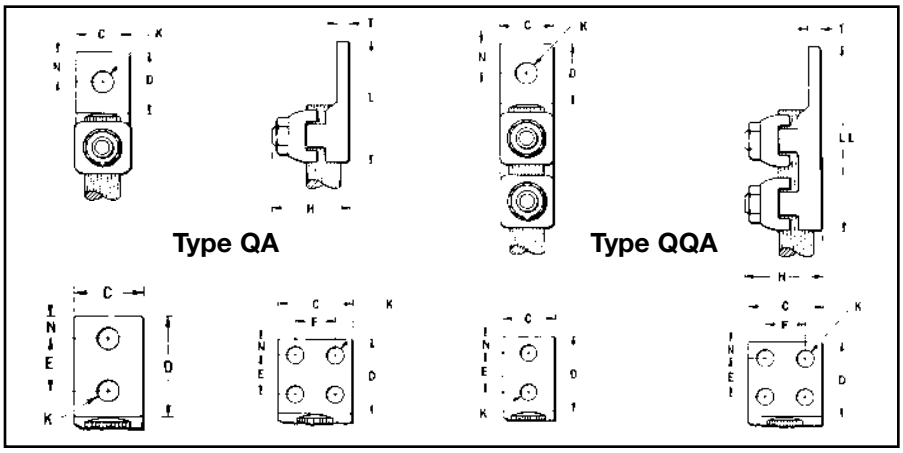
QIKLUG™

For Copper Cable

Type QA heavy duty, compact, high copper alloy terminal for joining a wide range of cable to equipment pads or bar. Fast one-wrench installation. Type QQA heavy duty, high copper alloy terminal for joining cable to equipment pads or bar. Twin clamping elements secure joint vibration and flexing. One-wrench installation.







Catalog Number*		Conductor		No. of Holes	C	D	E & F	H	K	Stud Hole Size	L	LL	N	T	Recommended Tightening Torque in-lb
Type QA	Type QQA	Commercial	Navy	in Pad											
QA8C-B		14 Sol. - 8 Str.	4 - 14	1	9/16	9/16	—	11/16	7/32	#10	1-3/8	2-5/16	9/32	5/32	75
QA8C-2B				2		1-1/4	5/8				2	3	5/16		
QA4C-B	QQA4C	8 Str. - 4 Str.	23 - 40	1	5/8	5/8	—	3/4	9/32	1/4	1-7/16	2-3/8	5/16	3/16	110
QA4C-2B	QQA4C-2			2		1-3/16	5/8				2	2-15/16			
QA1C-B	QQA1C	4 Str. - 1 Str.	50 - 75	1		3/4	—	1			1-3/4	2-13/16	11/32	7/32	150
QA1C-2B	QQA1C-2			2		1-9/16	7/8		11/32	5/16	2-9/16	3-5/8			
QA26-B	QQA26	1/0 Str. - 2/0 Str.	100 - 125	1	13/16	1	—	1-3/16	13/32	3/8	2	3-3/16	7/16		180
QA26-2B	QQA26-2			2		1-15/16	1				3	4-3/16			
QA28-B	QQA28	3/0 Str. - 4/0 Str.	150 - 200	1	1	1-1/16	—	1-5/16			2-1/4	3-9/16	17/32	1/4	250
QA28-2B				2		2	1				3-9/16	—	7/16		
QA28-2N*	QQA28-2N*			2 NEMA		3-1/8	1-3/4		9/16	1/2	4-5/16	5-5/8	5/8		
QA31-B	QQA31	250 - 350 kcmil	250 - 350	1	1-3/16	1-3/8	—	1-11/16	17/32	1/2	2-11/36	4-1/8	11/16	5/16	325
QA31-2B				2		1-31/32	1		7/16	3/8	3-3/8	—	7/16		
QA31-2N*	QQA31-2N*			2 NEMA		3	1-3/4		9/16	1/2	4-7/16	5-7/8	5/8		
QA34-B	QQA34	400 - 500 kcmil	400 - 500	1	1-3/8	1-5/8	—	2	17/32	1/2	3-3/16	4-7/8	13/16	5/16	375
QA34-2B				2		2	1		13/32	3/8	3-9/16	—	7/16		
QA34-4B				4	1-7/8	1-15/16			7/16		3-1/2	—	7/16		
QA34-2N*	QQA34-2N*			2 NEMA	1-3/8	3-3/32	1-3/4		9/16	1/2	4-11/16	6-9/32	5/8		
QA40-B		600 - 800 kcmil	650 - 800	1	1-5/8	1-7/8	—	2-7/16	11/16	5/8	3-11/16	—	27/32	3/8	500
QA40-2N*	QQA40-2N*			2 NEMA		3	1-3/4		9/16	1/2	4-14/16	7-3/32	5/8		
	QQA40-4N			4 NEMA	3						—				
QA44-B		850 - 1000 kcmil	1000	1	1-7/8	2	—	2-3/4	11/16	5/8	3-15/16	—	1	1/2	
QA44-2N*	QQA44-2N			2 NEMA		3	1-3/4		9/16	1/2	5	7-1/8	5/8		
QA44-4N*				4 NEMA	3	3-1/16									
QA46-B		1100 - 1500 kcmil	1300	1	2-1/8	2-1/8	—	3-1/8	13/16	3/4	4-3/8	—	1-1/16	9/16	600
QA46-2N*				2 NEMA		3	1-3/4		9/16	1/2	5-1/4	—	5/8		

* "N" indicates NEMA standard stud holes.
All 4N items ⚡ See note page A-2

Blue highlighted items are industry standard and most frequently ordered.

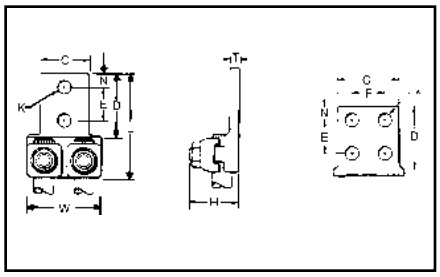
TYPE Q2A

QIKLUG™

For Copper Cable

Compact, high copper alloy terminal for joining two cables to equipment pads or bars. Each element accommodates a wide range of cable. One-wrench installation.





Catalog Number*	Conductor	No. of Holes in Pad	C	D	E & F	H	K	Stud Hole Size	L	N	T	W	Recommended Tightening Torque in-lb ▲
Q2A1C-2	4 Str. - 1 Str.	2	1-1/2	1-7/8	1	1-1/16	7/16	3/8	2-7/8	7/16	7/32	1-13/16	150
Q2A26-2N	1/0 Str. - 2/0 Str.	2 NEMA	1-5/8	3-1/8	3/4	1-3/16	9/16	1/2	4-3/16	5/8	7/32	1-15/16	180
Q2A28-2N	3/0 Str. - 4/0 Str.	2 NEMA	1-7/8		1-3/4	1-3/8			4-3/8		1/4	1-15/16	250
Q2A28-4N		4 NEMA	3						4-1/2			2-1/8	
Q2A31-2N	250 - 350 kcmil	2 NEMA	2-3/8			1-11/16					5/16	2-1/8	325
Q2A31-4N		4 NEMA	3									3	
Q2A34-2N	400 - 500 kcmil	2 NEMA	2-1/2			2			4-11/16		3/8	3	375
Q2A34-4N		4 NEMA	3									3-3/4	
Q2A40-2N	600 - 800 kcmil	2 NEMA	3			2-7/16			5		7/16	3-3/4	500
Q2A40-4N		4 NEMA										4-11/32	
Q2A44-4N	850 - 1000 kcmil		3-1/4	3-1/4		2-3/4			5-1/4		1/2	4-11/32	
Q2A46-4N	1100 - 1500 kcmil	4 NEMA	3-1/2			3-1/8			5-1/2		11/16	5	600

* "N" indicates NEMA standard stud holes.
All 4N items ↗ See note page A-2

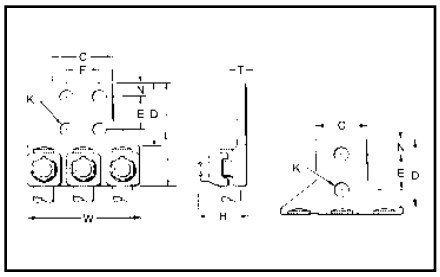
TYPE Q3A

QIKLUG™

For Copper Cable

Compact, high copper alloy terminal for joining three cables to equipment pads or bar. Each element accommodates a wide range of cable. One-wrench installation.





Catalog Number*	Conductor	No. of Holes in Pad	C	D	E & F	H	K	Stud Hole Size	L	N	T	W	Recommended Tightening Torque in-lb
Q3A28-2N	3/0 Str. - 4/0 Str.	2 NEMA	1-7/8	3-1/8	1-3/4	1-3/8	9/16	1/2	4-5/16	5/8	1/4	3-3/16	250
Q3A28-4N		4 NEMA	3						4-3/8				
Q3A31-2N	250 - 350 kcmil	2 NEMA	2-3/8			1-11/16			4-7/16		5/16	4-1/16	325
Q3A31-4N		4 NEMA	3										
Q3A34-2N	400 - 500 kcmil	2 NEMA	2-1/2			1-15/16			4-3/4		3/8	4-9/16	375
Q3A34-4N		4 NEMA	3										
Q3A40-4N	600 - 800 kcmil	4 NEMA				2-7/16			5		7/16	5-13/16	500
Q3A44-4N	850 - 1000 kcmil		3-1/4	3-1/4		2-3/4			5-1/4		1/2	6-5/8	
Q3A46-4N	1100 - 1500 kcmil	4 NEMA	3-1/2			3-1/8			5-1/2		11/16	7-7/8	600

* "N" indicates NEMA standard stud holes.

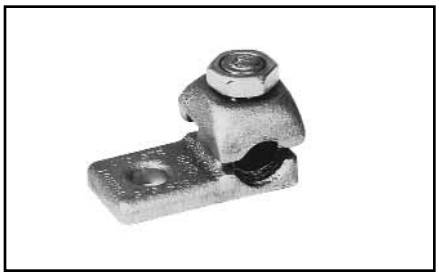
Blue highlighted items are industry standard and most frequently ordered.

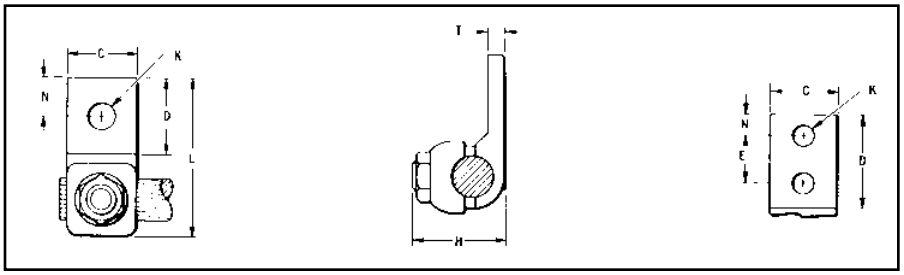
TYPE QB

QIKLUG™

For Copper Cable

Compact, high copper alloy side entrance terminal for joining a range of cable at right angles to terminal blocks. One-wrench installation.





Catalog Number*	Conductor	No. of Holes in Pad	C	D	E	H	K	Stud Hole Size	L	N	T	Recommended Tightening Torque in-lb ▲
QB8C	14 Sol. - 8 Str.	1	9/16	9/16	—	7/8	7/32	#10	1-1/8	9/32	5/32	75
QB4C	8 Str. - 4 Str.	1	11/16	27/32	—	13/16	9/32	1/4	1-3/8	11/32	1/4	110
QB1C	4 Str. - 1 Str.	1		13/16	—	1			1-1/2		7/32	150
QB26	1/0 Str. - 2/0 Str.	1	13/16	1	—	1-1/32	13/32	3/8	1-13/16	7/16		180
QB28	3/0 Str. - 4/0 Str.	1	1	1-1/16	—	1-5/16			2-1/16	17/32	1/4	250
QB31-2N	250 - 350 kcmil	2 NEMA	13/16	3-1/4	1-3/4	1-11/16	9/16	1/2	4-1/2	5/8	5/16	325

"N" indicates NEMA standard stud holes.

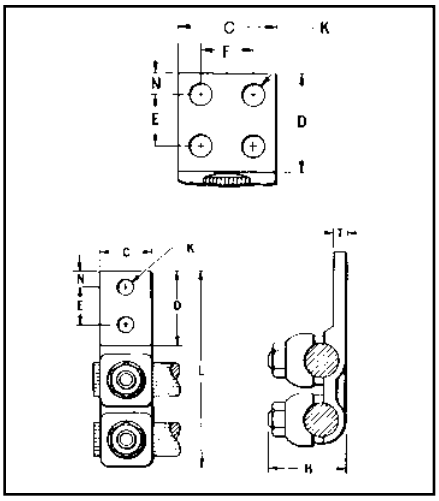
TYPE Q2B

QIKLUG™

For Copper Cable

Compact, high copper alloy terminal for joining two cables at right angles to a single terminal block. Each element accommodates a range of cable. One-wrench installation.





Catalog Number*	Conductor	No. of Holes in Pad	C	D	E & F	H	K	Stud Hole Size	L	N	T	Recommended Tightening Torque in-lb
Q2B28-2N	3/0 Str. - 4/0 Str.	2 NEMA	1-7/8	3-1/8	1-3/4	1-3/8	9/16	3/8	5-3/16	5/8	1/4	250
Q2B31-2N	250 - 350 kcmil	2 NEMA	2-3/8	3-3/16	1-11/16	1-3/8		1/2	5-7/8		5/16	325
Q2B40-4N	600 - 800 kcmil	4 NEMA	3	3-1/16	1-3/8	2-5/16		1	6-11/16		7/16	500

"N" indicates NEMA standard stud holes.
All 4N items ↗ See note page A-2

Blue highlighted items are industry standard and most frequently ordered.

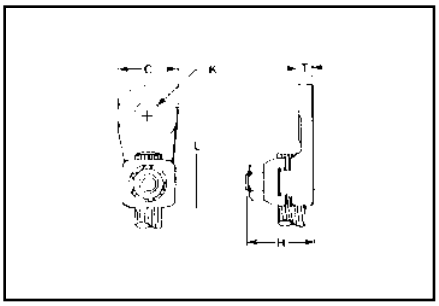
TYPE QDA

QIKLUG™

For Copper Cable

Compact, high copper alloy terminal for joining a wide range of cable to equipment studs. Provides low contact resistance when gripped between two contact nuts. One-wrench installation.





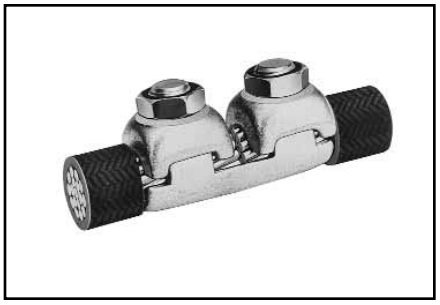
Catalog Number	Conductor		C	H	K	Stud Hole Size	L	T	Recommended Tightening Torque in-lb
	Commercial	Navy							
QDA8C	14 Sol. - 8 Str.	3 - 14	1	11/16	7/16	3/8	1-7/8	3/16	75
QDA4C	8 Str. - 4 Str.	23 - 40		3/4				7/32	110
QDA1C	4 Str. - 1 Str.	50 - 75		1			2-3/16	9/32	150
QDA26	1/0 Str. - 2/0 Str.	100 - 125	1-1/4	1-3/16	9/16	1/2	2-1/2	5/16	180
QDA28	3/0 Str. - 4/0 Str.	150 - 200		1-5/16			2-5/8		250
QDA31	250 - 350 kcmil	250 - 350	1-1/2	1-11/16	11/16	5/8	3		325
QDA34	400 - 500 kcmil	400 - 500	1-7/8	2	13/16	3/4	3-5/8		375
QDA40	600 - 800 kcmil	650 - 800	2-1/8	2-5/16	1-1/16	1	4-3/16	3/8	500

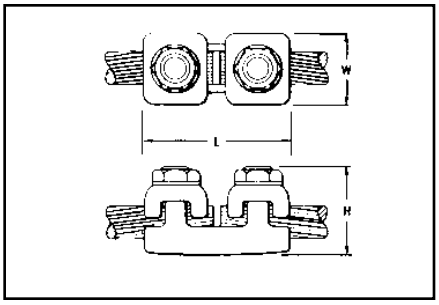
TYPE QR QIKLINK™

SPLICE OR REDUCER

For Copper Cable to Cable

High copper alloy splicer/reducer for joining a range of cable end to end. Neat, compact easy to tape installation. One-wrench installation.





Catalog Number	Conductor Either Size	H	L	W	Recommended Tightening Torque in-lb
QR4C	8 Str. - 4 Str.	3/4	1-11/16	5/8	110
QR1C	4 Str. - 1 Str.	1-1/16	1-15/16	11/16	150
QR26	1/0 Str. - 2/0 Str.	1-3/16	2-1/8	13/16	180
QR28	3/0 Str. - 4/0 Str.	1-3/8	2-3/8	1	250
QR31	250 - 350 kcmil	1-11/16	2-5/8	1-1/4	325
QR34	400 - 500 kcmil	1-15/16	3-1/16	1-7/16	375
QR40	600 - 800 kcmil	2-7/16	3-5/8	1-7/8	500

See note page A-2.

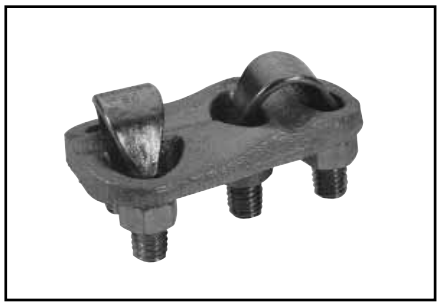
Blue highlighted items are industry standard and most frequently ordered.

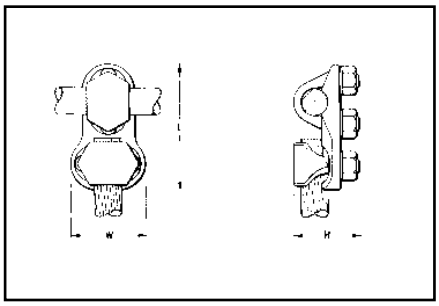
TYPE VT

VARITAP™ T-CONNECTOR

For Copper Cable to Cable

High copper alloy T-connector for cable run, cable tap. V-bolt clamping elements accommodate large range of cable and are particularly suited for extra flexible cable. One-wrench installation.





Catalog Number	Conductor		H	L	W	Recommended Tightening Torque in-lb	
	Run	Tap				Run	Tap
VT2C2C	8 Sol. - 2 Str.	8 Sol. - 2 Str.	1-5/16	2-5/16	1-5/16	275	275
VT2525	6 Sol. - 1/0 Str.	6 Sol. - 1/0 Str.	1-5/8	2-5/8	1-7/16	385	385
VT2825	1/0 Str. - 4/0 Str.	6 Sol. - 1/0 Str.		3-1/8	1-1/4	250	385
VT2828		1/0 Str. - 4/0 Str.		3-1/16	1-11/16	250	250
VT3025	1/0 Str. - 300 kcmil	6 Sol. - 1/0 Str.	1-7/8	3-3/8	1-3/8	325	385
VT3030		1/0 Str. - 300		3-5/16	1-15/16	325	325
VT3425	300 - 500 kcmil	6 Sol. - 1/0 Str.	2-5/16	3-11/16	1-1/2	375	385
VT3428		1/0 Str. - 4/0 Str.		3-1/2	1-11/16	375	250
VT3430		1/0 Str. - 300		3-5/8	1-15/16	375	325
VT3434		300 - 500		3-3/4	2-1/4	375	375
VT4040	500 - 800 kcmil	500 - 800	2-9/16	4-1/2	2-5/8	500	500
VT4425	750 - 1000 kcmil	6 Sol. - 1/0 Str.	2-7/8	4-5/16	2	500	385
VT4428		1/0 Str. - 4/0 Str.		4-1/8	2	500	250
VT4834	1500 - 2000 kcmil	300 - 500	4-1/4	5-1/4	5	600	375

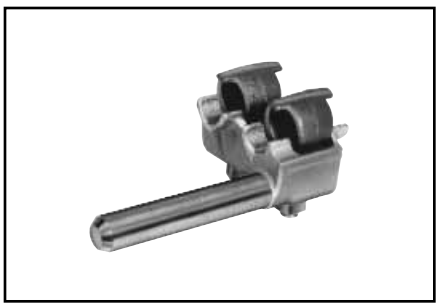
See note page A-2

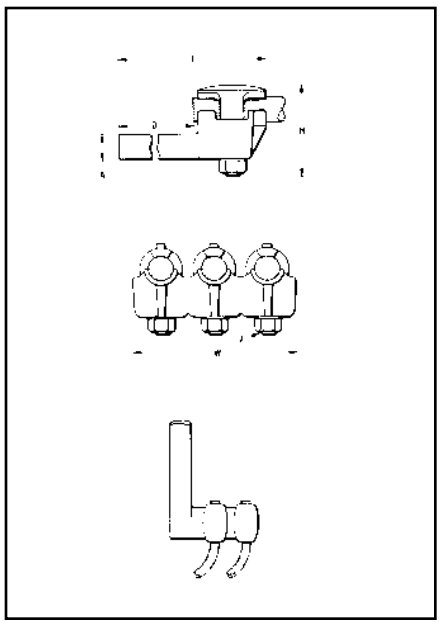
TYPE E-C-G

TRANSFORMER TAP ADAPTER

For Copper

Multi-tap, range-taking cast copper alloy connector designed to take 2, 3 or 4 conductors from a single secondary transformer outlet.





Catalog Number	No. of Conductors	Conductor Size	A Dia.	D	H	J	L	W	Recommended Tightening Torque in-lb
E2C34G1	2	1/0 Sol. - 500 kcmil	.78	3-3/4	2-7/8	1/2-13	6-1/4	3-1/2	480
E3C34G1	3							5-1/4	
E4C34G1	4							6-7/8	

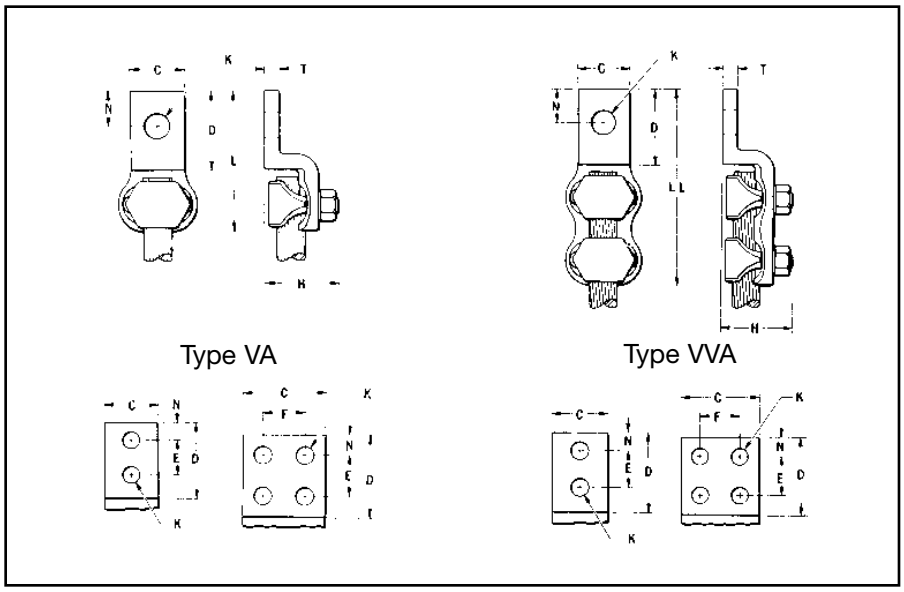
Blue highlighted items are industry standard and most frequently ordered.

TYPES VA, VVA

VARILUG™

For Copper Cable

High copper alloy terminal for joining a wide range of cable to equipment pads or bar. Particularly suitable for use on extra flexible cable. One-wrench installation. Type VVA, twin elements secure joint against vibration and flexing. Particularly recommended for use on extra flexible cables. One-wrench installation.



Type VA

Type VVA

Catalog Number*		Conductor	No. of Holes in Pad	C	D	E & F	H	K	Stud Hole Size	L	LL	N	T	Recommended Tightening Torque in-lb
Type VA	Type VVA													
VA2C	**VVA2**	8 Sol. - 2 Str.	1	13/16	1-1/4	—	1-1/2	7/16	3/8	2-3/4	4-1/16	13/32	1/4	275
VA25	**VVA25**	6 Sol. - 1/0 Str.		7/8	1-5/16	—	1-7/8			2-7/8	4-5/16	7/16		385
VA28	**VVA28**	1/0 Str. - 4/0 Str.	1	1-1/16	1-1/2	—	2-1/4	7/16		2-7/8	4-1/8	17/32	5/16	250
VA28-2N	**VVA28-2N**		2 NEMA		3-1/2	1-3/4		9/16	1/2	4-15/16	6-3/6	5/8		
VA30	**VVA30**	1/0 Str. - 300 kcmil	1	1-1/8	1-5/8	—	2-3/16	7/16	3/8	3-1/4	4-5/8	5/8		325
VA30-2N	**VVA30-2N**		2 NEMA		3-9/16	1-3/4		9/16	1/2	5-3/16	6-9/16	5/8		
VA34	**VVA34**	300 - 500 kcmil	1	1-3/8	2	—	3-11/32			3-13/16	5-5/16	13/16	3/8	375
VA34-2N	**VVA34-2N**		2 NEMA		3-5/8	1-3/4				5-3/8	6-7/8	5/8		
VA34-4N	**VVA34-4N**		4 NEMA	3	3-5/8	1-3/4				5-3/8	6-7/8	5/8		
VA40	**VVA40**	500 - 800 kcmil	1	1-5/8	2-5/16	—	2-7/8	11/16	5/8	4-1/2	6-3/8	15/16		500
VA40-2N	**VVA40-2N**		2 NEMA		3-5/8	1-3/4		9/16	1/2	5-13/16	7-11/16	5/8		
VA40-4N	**VVA40-4N**		4 NEMA	3	2-5/8	1-3/4		9/16		5-13/16	7-11/16	5/8		

"N" indicates NEMA standard stud holes.
All 4N items ↗ See note page A-2

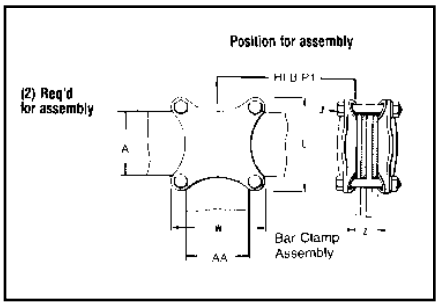
Blue highlighted items are industry standard and most frequently ordered.

TYPE HFB-P1

BAR CLAMP ASSEMBLY COMPONENTS

For Copper Bar

To build your own high strength clamp assembly for multiple flat bar using type HFB-P1 bar clamps and clamping hardware, the following tables have been provided. The clamp assembly eliminates the need for drilling the flat bar and is used in indoor and outdoor applications.



One Clamp Half							
Bar Clamp Bar			"J"				Recommended
Catalog Number	Run 'A'	Tap 'AA'	Bolt Dia.	L	W	Z	Tightening Torque in-lb
HFB22P1	2.00	2.00	3/8	4.38	4.38	*	240
HFB33P1	3.00	3.00	3/8	4.38	4.38	*	240
HFB42P1	4.00	2.00	3/8	5.75	5.75	*	240
HFB44P1	4.00	4.00	1/2	5.75	5.75	*	480
HFB63P1	6.00	3.00	1/2	7.75	4.75	*	480
HFB66P1	6.00	6.00	5/8	8.12	8.12	*	660
HFB88P1	8.00	8.00	3/4	10.50	10.50	*	1990

*Z=Space between the bar clamp contact surfaces

Bar Clamp Assembly Components †									
Copper Bus Bar Width (Inches)		Bar Clamp		Silicon Bronze Clamping Hardware					
				Bolts		Nuts		Split Lock Washers	
Run-A	Tap-AA	Qty.	Cat. No.	Qty.	Cat. No.	Qty.	Cat. No.	Qty.	Cat. No.
2	2	2	HFB22P1	4	38 X (*) HEB	4	38CHEN	4	38SW
3	3	2	HFB33P1	4	38 X (*) HEB	4	38CHEN	4	38SW
4	2	2	HFB42P1	4	38 X (*) HEB	4	38CHEN	4	38SW
4	4	2	HFB44P1	4	50 X (*) HEB	4	50CHEN	4	50SW
6	3	2	HFB63P1	4	50 X (*) HEB	4	50CHEN	4	50SW
6	6	2	HFB66P1	4	62 X (*) HEB	4	62CHEN	4	62SW
8	8	2	HFB88P1	4	75 X (*) HEB	4	75CHEN	4	75SW

† Ordered separately from BURNDY®.
* See table below when ordering assembly clamping bolts to specify correct bolt length in Cat. #.

Bolt Length									
Clamp Number	"J" Bolt Dia.	When Z = 1.25	When Z = 1.50	When Z = 1.75	When Z = 2.00	When Z = 2.25	When Z = 2.50	When Z = 2.75	When Z = 3.00
HFB22P1	3/8 (-16)	3.00	3.25	3.50	4.00	4.00	4.50	4.50	5.00
HFB33P1	3/8 (-16)	3.00	3.25	3.50	4.00	4.00	4.50	4.50	5.00
HFB42P1	3/8 (-16)	3.00	3.25	3.50	4.00	4.00	4.50	4.50	5.00
HFB44P1	1/2 (-13)	3.25	3.50	3.75	4.00	4.50	4.50	5.00	5.00
HFB63P1	1/2 (-13)	3.25	3.50	3.75	4.00	4.50	4.50	5.00	5.00
HFB66P1	5/8 (-11)	3.50	4.00	4.00	4.50	4.50	5.00	5.00	5.50
HFB88P1	3/4 (-10)	3.75	4.00	4.50	4.50	5.00	5.00	5.50	5.50

NOTE: When ordering assembly bolts specify correct bolt length in catalog number as indicated in table.

Blue highlighted items are industry standard and most frequently ordered.

TYPE HFB-N

BAR CLAMP TAP PAD ADAPTER

For Copper Bar

High conductivity copper, tap pad adapter provides a NEMA drilled contact pad when assembled to the HFB-P1 clamps. Tap connections can be made from copper bus bar(s) without drilling, by bolting standard mechanical or compression terminal pads directly to the pre-drilled tap pad

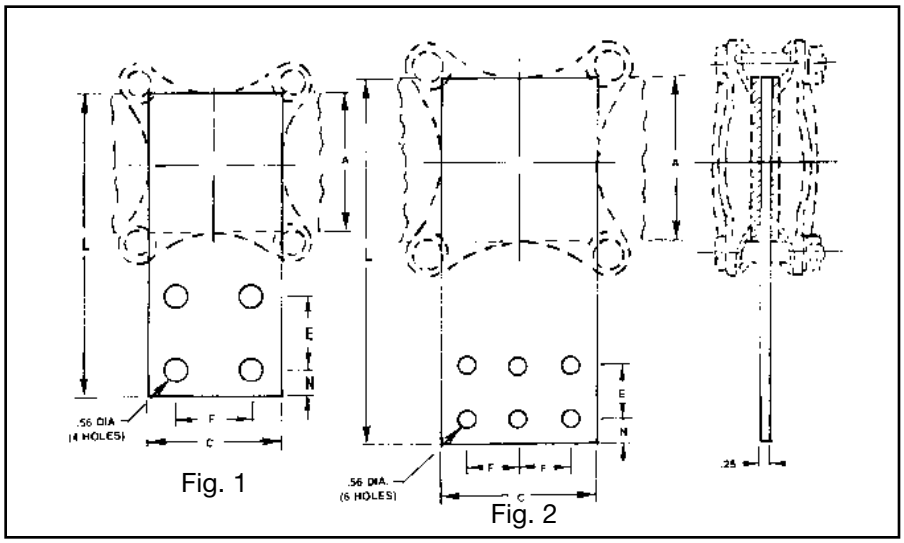


Fig. 1

Fig. 2

Catalog Number	Fig. No.	A-C	E & F	L	N	Use with 'H' Clamp Catalog Number ①
HFB33-4N	1	3.00	1.75	7.00	.62	**HFB33P1**
HFB44-4N	1	4.00	1.75	9.12	1.12	**HFB44P1**
HFB66-6N	2	6.00	1.75	11.31	1.12	**HFB66P1**

① 'H' Clamp (two required per assembly) and hardware (as shown) not included with bar clamp tap pad, order separately.

Blue highlighted items are industry standard and most frequently ordered.

TYPES KA-U, KKA-U

UNIVERSAL TERMINAL

(One Conductor)
For Aluminum and
Copper Conductors

These dual-rated one-conductor lugs are constructed from high strength aluminum alloy and electro tin-plated to provide low contact resistance.

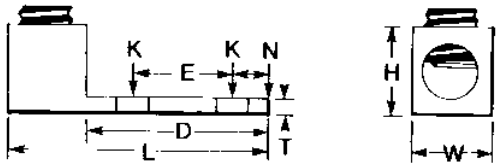
AL9CU


Fig. 1


Fig. 2


Fig. 3


Fig. 4



Catalog Number*	Fig. No.	Wire Range Aluminum or Copper	Stud Hole Size	Dimensions D	L	N	** W	E	T	** H	Recommended Tightening ▲ Torque in-lb
KA6U	1	14 Str. - 6 Str.	1/4	.63	1.06	.25	.50	—	.09	.50	45
KA2U	1	14 Str. - 2 Str.		.63	1.16	.31	.50	—	.10	.55	50
KA25U	1	14 Str. - 1/0 Str.		.81	1.50	.44	.63	—	.19	.80	50
KA26U	2	6 Str. - 2/0 Str.		.81	1.47	.47	.63	—	.19	.80	120
KA29U	2	6 Str. - 250 kcmil	5/16	.94	2.00	.50	1.00	—	.25	1.13	275
KA30U	2	6 Str. - 300 kcmil		.94	2.00	.50	1.00	—	.25	1.12	275
KA31U	2	6 Str. - 350 kcmil	3/8	1.03	2.25	.88	1.13	—	.25	1.25	275
KA34U	2	4 Str. - 500 kcmil		1.50	2.81	.88	1.51	—	.31	1.58	500
KA36U	2	2 Str. - 600 kcmil		1.72	3.19	.78	1.50	—	.44	1.56	500
KA40U	2	300 - 800 kcmil	1/2	1.69	3.38	.88	1.75	—	.50	1.94	550
KA44U	2	500 - 1000 kcmil		1.69	3.38	.88	1.75	—	.50	1.94	550
KKA31U-2N	3	6 Str. - 350 kcmil	1/2	3.16	5.50	.63	1.25	1.75	.38	1.50	275
KA36U-2N	4	2 Str. - 600 kcmil		3.22	4.69	.63	1.50	1.75	.44	1.57	500
KA40U-2N	4	300 - 800 kcmil		3.03	4.75	.63	1.75	1.75	.50	1.94	500
KA44U-2N	4	500 - 1000 kcmil		3.03	4.75	.63	1.75	1.75	.50	1.94	550

* "N" indicates NEMA standard stud holes.
▲ Listed torque values are for maximum conductor sizes accommodated. Consult UL486 Tables 7-4, 7-5, 7-6 for smaller conductor sizes.
** Maximum dimension.

Blue highlighted items are industry standard and most frequently ordered.

TYPE K2A-U

UNIVERSAL TERMINAL

(Two Conductor)
For Aluminum and
Copper Conductors

These dual-rated two-conductor lugs are constructed from high strength aluminum alloy and electro tin-plated to provide low contact resistance.

AL9CU



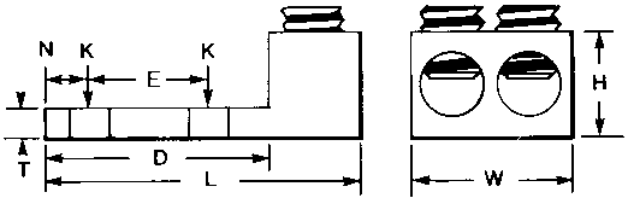
Fig. 1



Fig. 2



Fig. 3



Catalog Number*	Fig. No.	Wire Range Aluminum or Copper	Stud Hole Size	Dimensions D	L	N	** W	E	T	** H	Recommended Tightening ▲ Torque in-lb
K2A25U	1	Two: 14 Str. - 1/0 Str.	1/4	.81	1.47	.44	1.13	—	.19	.79	50
K2A26U	2	Two: 14 Str. - 2/0 Str.		.81	1.47	.44	1.25	—	.19	.79	120
K2A29U	2	Two: 6 Str. - 250 kcmil	3/8	1.50	2.56	.50	1.66	—	.25	1.20	275
K2A31U	2	Two: 6 Str. - 350 kcmil	1/2	1.69	2.88	.88	1.94	—	.25	1.25	275
K2A36U	2	Two: 2 Str. - 600 kcmil		1.75	3.20	.63	2.41	—	.44	1.58	375
K2A40U	2	Two: 300 - 800 kcmil	5/8	1.66	3.38	.88	3.19	—	.50	1.94	550
K2A44U	2	Two: 500 - 1000 kcmil		1.66	3.50	.88	3.52	—	.50	1.94	550
K2A31U-2N	3	Two: 6 Str. - 350 kcmil	1/2	3.00	4.50	.63	2.31	1.75	.31	1.38	275
K2A36U-2N	3	Two: 2 Str. - 600 kcmil		3.22	4.69	.63	2.41	1.75	.44	1.56	375
K2A40U-2N	3	Two: 300 - 800 kcmil		3.03	4.75	.63	3.19	1.75	.50	1.94	375
K2A44U-2N	3	Two: 500 - 1000 kcmil		3.03	4.75	.63	3.19	1.75	.50	1.94	375

* "N" indicates NEMA standard stud holes.
▲ Listed torque values are for maximum conductor sizes accommodated. Consult UL486 Tables 7-4, 7-5, 7-6 for smaller conductor sizes.
** Maximum dimension.

Blue highlighted items are industry standard and most frequently ordered.

TYPES K3A-U, KK3A-U

UNIVERSAL TERMINAL

(Three Conductor)
For Aluminum and
Copper Conductors

Dual-rated three-conductor lugs are constructed from high strength aluminum alloy and electro tin-plated to provide low contact resistance.

AL9CU



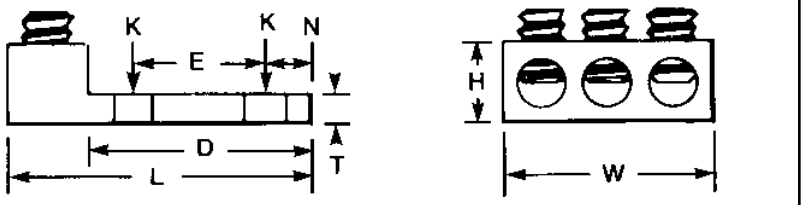
Fig. 1



Fig. 2



Fig. 3



Catalog Number*	Fig. No.	Wire Range Aluminum or Copper	K	Stud Hole Size	Dimensions D	L	N	W	E	T	H	Recommended Tightening ▲ Torque in-lb
K3A2U-2*	1	Three: 14 Str. - 2 Str.	11/32	5/16	1.63	2.19	.34	1.59	.88	.19	.62	50
K3A25U-2*	1	Three: 14 Str. - 1/0 Str.	7/16	3/8	2.09	2.91	.34	1.94	1.00	.25	.88	
K3A26U-2N	3	Three: 14 Str. - 2/0 Str.	9/16	1/2	3.06	3.75	.63	1.95	1.75	.19	1.79	
K3A27U-2N	3	Three: 6 Str. - 3/0 Str.			3.00	3.88	.63	2.81		.31	1.12	275
K3A29U-2N	3	Three: 6 Str. - 250 kcmil			3.00	4.00	.63	2.81		.31	1.19	
K3A31U-2N	3	Three: 6 Str. - 350 kcmil			3.52	4.31	.63	3.00		.31	1.38	
K3A36U-2N	3	Three: 2 Str. - 600 kcmil			3.22	4.69	.63	3.63		.44	1.56	375
KK3A36U-2N	2	Three: 2 Str. - 600 kcmil			3.00	5.63	.56	4.22		.44	1.69	
KK3A40U-2N	2	Three: 300 - 800 kcmil			3.03	5.69	.63	4.81		.50	1.94	
KK3A44U-2N	2	Three: 500 - 1000 kcmil			3.34	6.19	.63	4.75		.56	1.88	

* Slotted screw.
** "N" indicates NEMA standard stud holes.
▲ Listed torque values are for maximum conductor sizes accommodated.
Consult UL486 Tables 7-4, 7-5, 7-6 for smaller conductor sizes. All 4N items See note page A-2

Blue highlighted items are industry standard and most frequently ordered.

TYPES K3A-U, KK3A-U

(Continued)

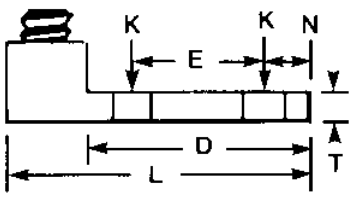
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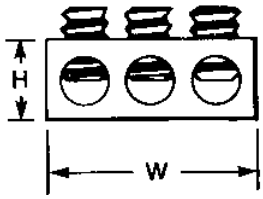


Fig. 3



Fig. 4





Catalog Number**	Fig. No.	Wire Range Aluminum or Copper	K	Stud Hole Size	Dimensions							Recommended Tightening ▲ Torque in-lb
					D	L	N	W	E	T	H	
K3A2U-4*	3	Three: 14 Str. - 2 Str.	11/32	5/16	1.63	2.19	.34	1.59	.88	.19	.62	50
K3A25U-4*	3	Three: 14 Str. - 1/0 Str.	7/16	3/8	2.09	2.91	.34	1.94	1.00	.25	.88	
K3A27U-4N	3	Three: 6 Str. - 3/0 Str.	9/16	1/2	3.00	3.88	.63	2.81	1.75	.31	1.12	275
K3A29U-4N	3	Three: 6 Str. - 250 kcmil			3.00	4.00		2.81		.31	1.19	
K3A31U-4N	3	Three: 6 Str. - 350 kcmil			3.00	4.31		3.00		.31	1.38	
K3A36U-4N	3	Three: 2 Str. - 600 kcmil			3.22	4.69		3.63		.44	1.56	375
K3A40U-4N	3	Three: 300 - 800 kcmil			3.03	4.75		4.81		.50	1.94	
KK3A36U-4N	4	Three: 2 Str. - 600 kcmil			3.00	5.63		4.22		.44	1.69	
KK3A40U-4N	4	Three: 350 - 800 kcmil			3.34	6.19		5.34		.56	1.88	275
KK3A44U-4N	4	Three: 500 - 1000 kcmil			3.34	6.19		4.75		.56	1.88	375

* Slotted screw
** "N" indicates NEMA standard stud holes.
▲ Listed torque values are for maximum conductor sizes accommodated. Consult UL486 Tables 7-4, 7-5, 7-6 for smaller conductor sizes.
All 4N items See note page A-2

Blue highlighted items are industry standard and most frequently ordered.

TYPES K4A-U, KK4A-U

UNIVERSAL TERMINAL

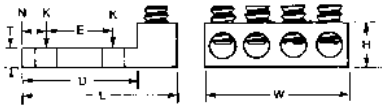
(Four Conductor)
For Aluminum and
Copper Conductors

These dual-rated four conductor lugs are constructed from high strength aluminum alloy and electro tin-plated to provide low contact resistance.


Fig. 1


Fig. 2

AL9CU



Catalog Number*	Fig. No.	Wire Range Aluminum or Copper	Stud Hole Size	Dimensions D	L	N	W	E	T	H	Recommended Tightening ▲ Torque in-lb
K4A29U-4N	1	Four: 6 Str. - 250 kcmil	1/2	3	4	.63	3.69	1.75	.31	1.19	275
K4A31U-4N	1	Four: 6 Str. - 350 kcmil		3	4.31		5.04		.31	1.38	
KK4A36U-4N	2	Four: 2 Str. - 600 kcmil		3.34	5.63		5		.44	1.69	375
KK4A40U-4N	2	Four: 300 - 800 kcmil		3	6.19		6		.56	1.88	

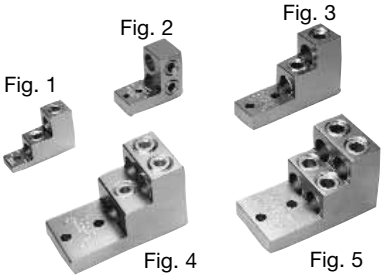
* "N" indicates NEMA standard stud holes.
All 4N items ↗ See note page A-2

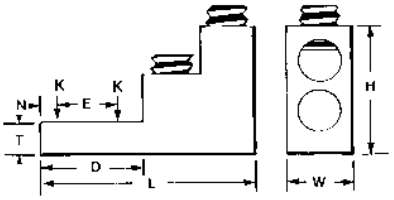
TYPES K11A-U, K21A-U, K22A-U

UNIVERSAL TERMINAL

For Aluminum and
Copper Conductors

Dual-rated panelboard lugs are constructed from high strength extruded aluminum alloy and electro tin-plated to provide low contact resistance.





AL9CU

Catalog Number	Fig. No.	Wire Range Aluminum or Copper	Stud Hole Size	Dimensions D	L	N	W	E	T	H	Recommended Tightening ▲ Torque in-lb
K11A30U	1	Two: 6 Str. - 300 kcmil	5/16	.94	3.00	.47	1.00	—	.31	2.00	275
K11A34U-2	2	Two: 4/0 Str. - 500 kcmil	1/4	2.31	2.91	.25	1.44	.69	.63	2.38	375
K11A36U-2	3	Two: 2 Str. - 600 kcmil	3/8		4.91	.38	1.50	1.38	.75	3.00	
K21A36U-2	4	Three: 2 Str. - 600 kcmil					2.50				
K22A36U-2	5	Four: 2 Str. - 600 kcmil					2.50				
K11A39U-2	3	Two: 1/0 Str. - 750 kcmil					1.69				
K22A39U-2	5	Four: 1/0 Str. - 750 kcmil					3.06				

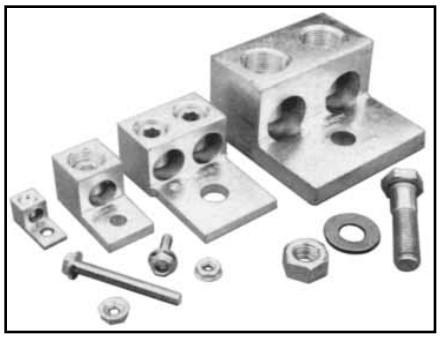
▲ Listed torque values are for maximum conductor sizes accommodated. Consult UL486 Tables 7-4, 7-5, 7-6 for smaller conductor sizes.

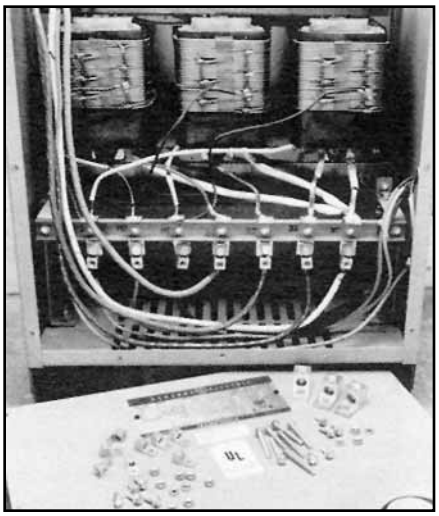
Blue highlighted items are industry standard and most frequently ordered.

TYPE KAU-KIT

TRANSFORMER LUG KIT

These dual-rated lugs are constructed from high strength aluminum alloy and electro tin-plated to provide low contact resistance. Lugs and mounting hardware packaged together in these kits.





Features and Benefits

- UL listed AL9CU dual rated set screw terminals and CSA certified.
  - ◇ Ensure the transformer feeders and taps are terminated properly.
- Plated steel cap screws and hex nuts with captive conical washers or individual Belleville washers.
  - ◇ Terminal to bus connections are made using proper hardware resulting in true torque to pressure performance. Compensates for dissimilar metal expansion and contraction.
- Hardware packed in plastic bag.
  - ◇ No lost hardware prior to installation.
- Larger 800 kcmil lugs in KIT3 and KIT4.
  - ◇ Accommodates common 750 kcmil tap conductors in larger transformers.

Catalog Number	Transformer KVA Rating		Terminals Qty.	Terminals Catalog Number	Wire Range Aluminum or Copper	Hardware Qty.	Hardware Bolt Size	Hardware Qty.	Hardware Nut	Hardware Qty.	Hardware Washer
KAU-KIT1	15 - 37.5 15 - 45	1Ø 3Ø	8 4	KA2U KA29U	#14 - 2 #6 - 250 kcmil	8	1/4-20 × 3/4 HH	8	1/4 × 20 HN	—	Captive to Nut
KAU-KIT2	50 - 75 75 - 112.5	1Ø 3Ø	12	KA29U	#6 - 250 kcmil	8 8	1/4-20 × 3/4 HH 1/4-20 × 2 HH	16	1/4 × 20 HN	—	Captive to Nut
KAU-KIT3	100 - 167 150 - 300	1Ø 3Ø	6 7	K2A31U K2A40U	#6 - 350 kcmil 300 - 800 kcmil	5 6	1/2-13 × 3 HH 1/2-13 × 2-1/2 HH	11	1/2-13 HN	22 11	1/2 FW 1/2 Belleville
KAU-KIT4	400 - 500	3Ø	15	K2A40U	300 - 800 kcmil	7 4	1/2-13 × 2 1/2-13 × 2-1/2	11	1/2-13 HN	22 11	1/2 FW 1/2 Belleville

Blue highlighted items are industry standard and most frequently ordered.

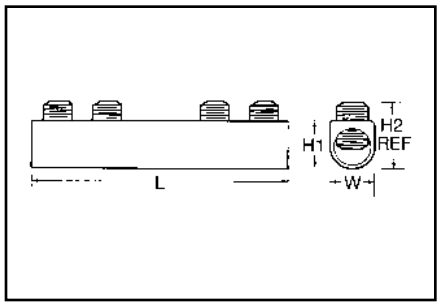
TYPE AMS

DUAL RATED SPLICER/REDUCER

For Copper and Aluminum Cable

All splicer/reducers are dual rated for use with aluminum and copper conductors and are constructed from high strength, tin plated aluminum. PENTROX™ oxide inhibiting joint compounds are recommended for all aluminum applications.





Features and Benefits

- All connectors are tin-plated.
  - ◇ Provide low contact resistance and prevents galvanic corrosion.
- Connectors feature rounded bottoms.
  - ◇ Facilitates taping.
- Solid center barrier.
  - ◇ Prevents contact of dissimilar metals.
- Large screw diameters.
  - ◇ Ensures greater surface contact with wires for maximum pullout force.
- Large cable ranges.
  - ◇ Each splice is also an effective reducing connector.

Catalog Number	Wire Range Max.	Wire Range Min.	L	W	H1	H2 Max.	No. of Screws	Screw Dia.	Hex Size
AMS-2*	AWG 2	AWG 14	1-19/32	9/16	9/16	.79	2	3/8	S
AMS-0*	AWG 1/0	AWG 14	1-29/32	3/4	3/4	.86	2	7/16	S
AMS-4/0	AWG 4/0	AWG 6	2-5/16	1	1-3/32	1.28	2	9/16	5/16
AMS-250	250 kcmil	AWG 6	4-3/32	1	1-3/32	1.29	4	5/8	5/16
AMS-350	350 kcmil	AWG 6	4-11/32	1	1-3/32	1.30	4	11/16	5/16
AMS-500	500 kcmil	AWG 3/0	4-25/32	1-1/4	1-3/8	1.48	4	13/16	3/8
AMS-750	750 kcmil	250 kcmil	6-1/16	1-7/16	1-5/8	1.98	4	15/16	1/2
AMS-1000	1000 kcmil	500 kcmil	8-11/16	1-21/32	1-7/8	2.34	6	1-1/8	9/16

* Slotted Screws. H2 measured with maximum conductors, reference only.
Complies with NFPA 78-86.

Blue highlighted items are industry standard and most frequently ordered.

TYPE AGSKIT

ABOVE GRADE SPLICE KITS

For All Aluminum or Copper/Aluminum Combinations

Type AGS Above Grade Splice Kit consists of a standard AMS splice/reducer and a heavy wall heat-shrink sleeve. The AMS Splice is dual rated for use with aluminum and copper conductors and are constructed from high strength, tin plated aluminum that provides low contact resistance and reduces the effects of galvanic corrosion. Connector is installed with common installation tools. The heavy wall heat shrink sleeve is lined with adhesive material, providing a positive seal against moisture egress. Heat shrink sleeve is installed with standard propane torch, or electric heat gun.

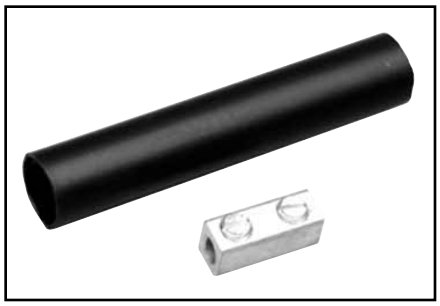


Fig. 1

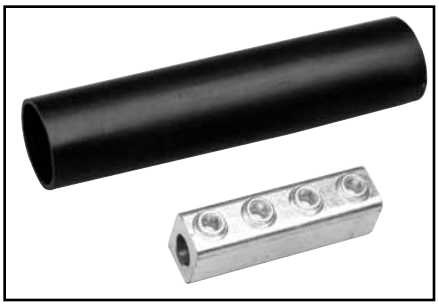


Fig. 2

Catalog Number	Figure Number	Wire Range	
		Maximum	Minimum
AGSKIT2	1	2	8
AGSKIT250	2	250	1

TYPE UGSKIT

WATERTIGHT/ UNDERGROUND SPLICE KITS

For all Aluminum or Copper/Aluminum Combinations

Type UGS Watertight Underground Splice Kit consists of a standard AMS splice/reducer and two heavy wall heat-shrink sleeves. The AMS Splice is dual rated for use with aluminum and copper conductors and are constructed from high strength, tin plated aluminum that provides low contact resistance and reduces the effects of galvanic corrosion. Connector installed with common installation tools. Both heavy wall heat shrink sleeves are lined with adhesive material, providing a watertight splice that can withstand abrasions that may occur during direct burial applications. Heat shrink sleeve installed with standard propane torch, or electric heat gun.



Fig. 1



Fig. 2

Catalog Number	Figure Number	Wire Range	
		Maximum	Minimum
UGSKIT2*	1	2	8
UGSKIT250*	2	250	1

*UL486D Listed for Direct Burial

Blue highlighted items are industry standard and most frequently ordered.

TYPE UGSKIT8

UF DIRECT BURIAL SPLICE KIT

Type UGS UF Splice Kit consists of a UF splice connector and a heavy wall heat-shrink sleeve. The UF splice connector can accommodate up to four UF conductors and is installed with common installation tools. The heavy wall heat shrink sleeve is lined with an adhesive material, providing a water-tight splice that can withstand abrasions that may occur during direct burial applications. Heat shrink sleeve installed with standard propane torch, or electric heat gun.



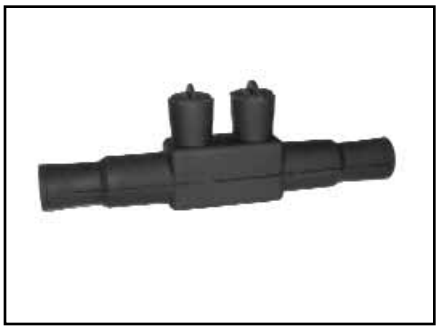
Catalog Number	Wire Range Copper
UGSKIT8*	8 AWG – 14 AWG

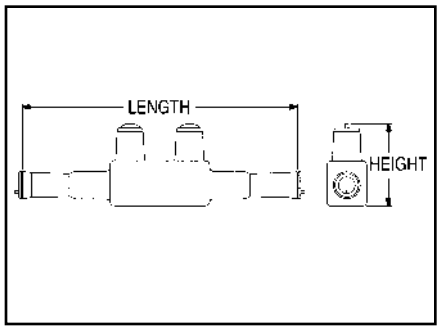
*UL486D Listed for Direct Burial.

TYPE UGS350ULDB

IN-LINE SPLICE/REDUCER

For Direct Burial





Features and Benefits

- EPDM rubber covered 6061-T6 aluminum connector.
- Dual rated AL9CU for copper or aluminum conductor.
- UL Listed and CSA Certified for Direct Burial.
- Broad range taking capability.
- Low installation cost.

Catalog Number	Wire Range	Length In. [mm]	Height In. [mm]	Hex Size	Torque (In. Lbs.)
UGS350ULDB	AWG 12 - 350 kcmil	8.50 [216]	2.81 [71.4]	5/16″	350

Dimensions in brackets [ ] are in millimeters.

Blue highlighted items are industry standard and most frequently ordered.

BURNDY® UNITAP™ THE MOLE™

For Direct Burial

600V, 90°C

Designed specifically for direct burial applications, the MOLE™ inline splice/reducer is made with a specialized plastisol material that forms a rugged weathertight connection.



Features and Benefits

- UL486D Listed for direct burial.
- AL9CU Dual-rated for copper and aluminum applications. 600V 90°C.
- Plastisol covered AL6061-T6 aluminum body saves time by eliminating the need for heat shrink.
- Oxide inhibitor pre-installed preventing moisture and contaminants from entering contact area.
- Range-taking capability reduces the number of connectors carried in inventory.

Catalog Number	Number of Ports	Wire Range (AWG/kcmil)	Dimensions (Inches)			Hex Key (Torque) (In.-lbs.)	Wire Strip Length
			L	W	H		
BISR4-DB	2	#6 - 4 AWG	4.30	0.80	1.28	1/8 (50)	7/8″
BISR1-DB	2	#2 - 1 AWG	6.30	0.93	1.59	5/32 (130)	1-3/32″
BISR3/0-DB	2	1/0 - 3/0 AWG	6.25	0.99	1.84	3/16 (220)	1-3/32″
BISR250-DB	2	4/0 - 250 kcmil	6.70	1.18	2.03	5/16 (360)	1-5/16″

BISR-DB = BURNDY Inline Splice/Reducer Direct Burial.
UNITAP™ rated for code conductor only.

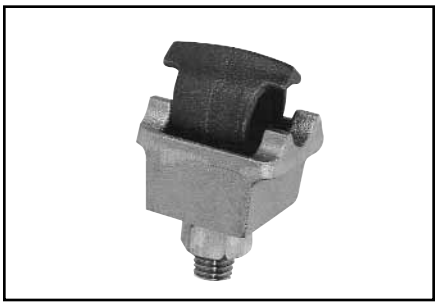
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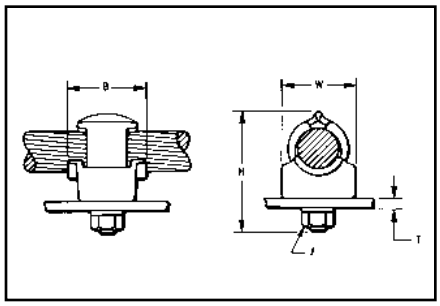
TYPE QGFL

BARTAP™

For Copper Cable To Flat

High copper alloy BARTAP™ for joining a range of cable to bar or pad. One-wrench installation.





Catalog Number	Copper Conductor	B	H	J	T (Max.)	W
QGFL1CB1	10 Sol. - 1 Str.	1-1/8	1-7/8	3/8	1/4	1
QGFL1CB1T6			2-3/8		3/4	
QGFL26B1	8 Sol. - 2/0 Str.	1-1/4	2-1/8		1/4	1-1/8
QGFL26B1T6			2-5/8		3/4	
QGFL26B2*			2-1/2	1/2	1/4	
QGFL26B2T6*		1-1/2	2-1/8		3/4	
QGFL29B1*	6 Str. - 250 kcmil		2-5/8		1/4	1-3/8
QGFL29B1T6*		1-5/8	3-1/8		3/4	
QGFL31B1*	2 Sol. - 350 kcmil		2-7/8		1/4	1-5/8
QGFL31B1T6*		1-3/4	3-1/4		3/4	
QGFL34B1	1/0 Sol. - 500 kcmil		3-1/8		1/4	1-3/4
QGFL34B1T6		2	3-5/8		3/4	
QGFL39B1	350 - 750 kcmil		3-1/4		1/4	
QGFL39B1T6		2-1/4	3-5/8		3/4	
QGFL44B1	750 - 1000 kcmil		3-3/8		1/4	2-1/8
QGFL44B1T6			4-1/8		3/4	
QGFL46B1	1000 - 1500 kcmil		4		1/4	2-1/2
QGFL46B1T6			4-1/2		3/4	
QGFL48B1	1500 - 2000 kcmil		5-1/4		1/4	3

* Can be installed side by side or in-line on NEMA drilled bar.

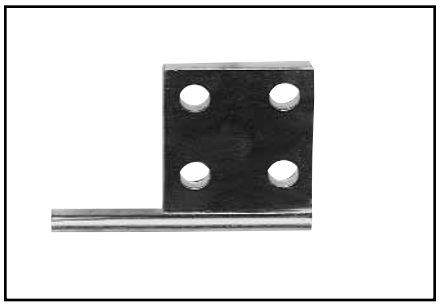
Blue highlighted items are industry standard and most frequently ordered.

TYPE FCB

TRANSFORMER TAP ADAPTER

For Copper and Aluminum

Silver brazed 101% conductivity copper transformer tap adapter designed to accommodate from 1 to 6 NEMA drilled copper or aluminum terminal taps from a single secondary transformer outlet. Tin-plated. Order mounting hardware & tap terminals separately.



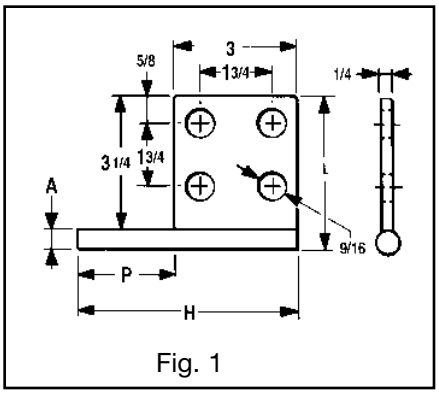


Fig. 1

Fig. No.	Catalog Number	A Dia.	H Ref.	L	P
1	**FCB63-4N**	.50	5.25	3.75	2.25
2	**FCB63-6N**	.50	5.25	5.50	2.25
1	**FCB64-4N**	.75	5.75	4.00	2.75
2	**FCB64-6N**	.75	5.75	5.75	2.75
1	**FCB65-4N**	1.00	7.00	4.25	4.00
Not Shown	**FCB63-2NP300**	.50	5.00	3.50	3.00
	FCB64-44NP50	.75	9.00	5.00	5.00

NOTE: All pads are NEMA drilled.

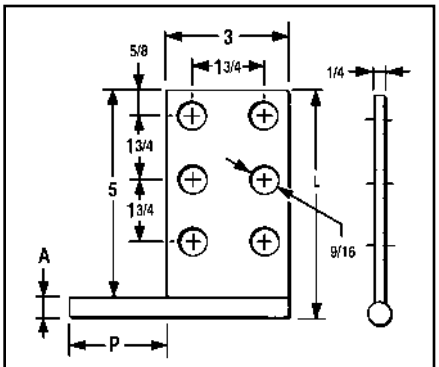


Fig. 2

Blue highlighted items are industry standard and most frequently ordered.

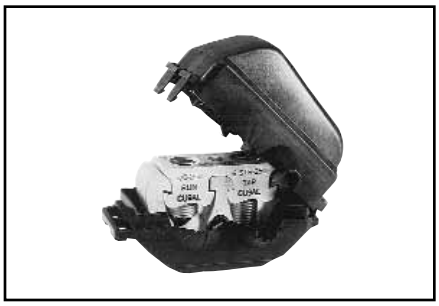
TYPE KPU-AC

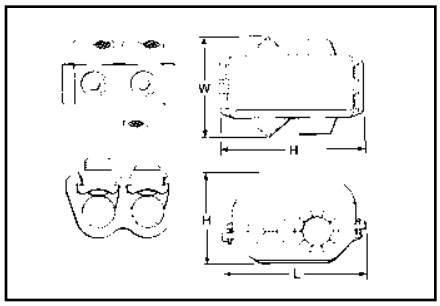
POLYTAP™

Insulated Gutter Tap for All Copper and Aluminum Combinations

Wide range-taking tin-plated aluminum parallel clamp and insulating cover assembly for industrial and multiple story structure applications. Only six connectors cover the entire 14 Sol.-750 kcmil range. Covers having flexible fingers that conform to conductor, fully insulating the connection. UL486B listed for 600 volts maximum 90° C service. Cover and connector are packaged together. No taping required.

600 Volt Max. 90° C





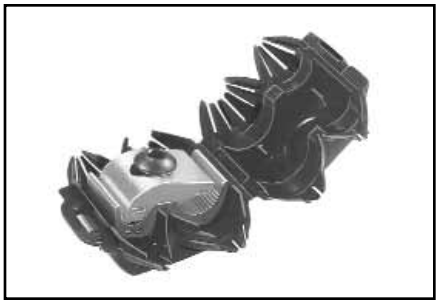
Catalog Number	Conductor Copper or Aluminum Run	Tap	W	H	L	Recommended Tightening Torque in-lb
KPU29A26AC	1/0 Str. - 250 kcmil	14 Sol. - 2/0 Str.	3-1/8	3-3/8	4-1/4	375
KPU29A29AC	1/0 Str. - 250 kcmil	6 Str. - 250 kcmil				
KPU34A26AC	4/0 Str. - 500 kcmil	14 Sol. - 2/0 Str.	3-1/2	3-1/2	4-5/8	450
KPU34A34AC	4/0 Str. - 500 kcmil	6 Str. - 500 kcmil				
KPU39A26AC	500 - 750 kcmil	14 Sol. - 2/0 Str.	3-1/2	3-7/8	5-1/16	600
KPU39A39AC	500 - 750 kcmil	1/0 Str. - 750 kcmil				

▲ Listed torque values are for maximum conductor combinations accommodated. Consult UL486 Tables 7-4, 7-5, 7-6 for smaller combinations.
See note page A-2.

TYPE UCU-AC

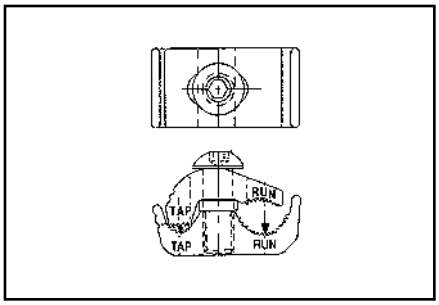
RISER TAP

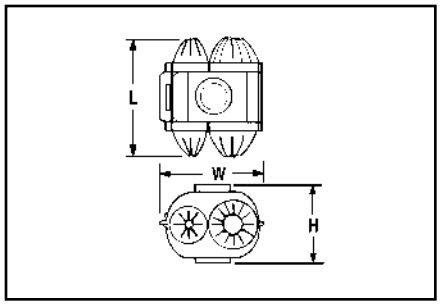
Parallel-groove riser tap and insulation cover for copper and aluminum. Wide range-taking assembly for apartment house and light industrial applications. Cover and connector are packaged together. Covers having insulating fingers that conform to conductors, fully insulating the connection. UL486B Listed for 600 volts max. 90° C service.





600 Volt Max. 90° C Max.





Catalog Number	Conductor Run	Tap	W	H	L	Recommended Tightening ▲ Torque in-lb
UCU28AC	2 Str. - 4/0 Str.	10 Sol. - 2 Str.	2-1/4	1-13/16	2-5/8	120

▲ Listed torque values are for maximum conductor combinations accommodated. Consult UL486 Tables 7-4, 7-5, 7-6 for smaller combinations.

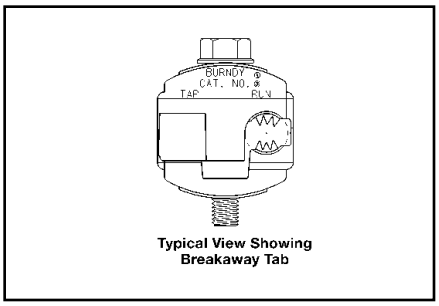
Blue highlighted items are industry standard and most frequently ordered.

TYPE BIPC

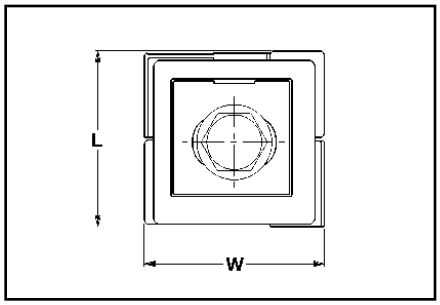
UL Listed 90° C, *600 Volt

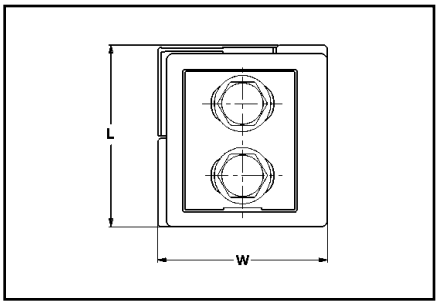
The Type BIPC, **B**urndy **I**nsulation **P**iercing **C**onnector is ideally suited for splicing and tapping aluminum and copper conductor wire sizes: #10 AWG to 500 kcmil.

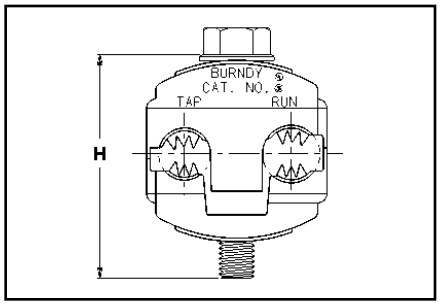




Typical View Showing Breakaway Tab







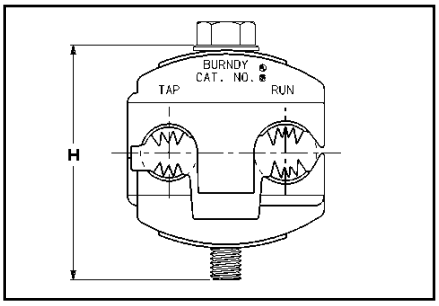


Fig. 1

Fig. 2

Features and Benefits

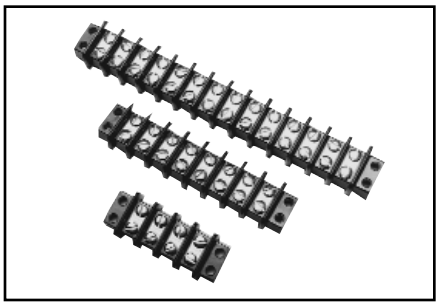
- Insulation piercing capability.
  - ◊ Eliminates the need for conductor insulation stripping.
- UL486B listed, AL9CU rated.
  - ◊ For copper and aluminum conductor combinations up to 90° *600 Volt applications.
- Insulation piercing design.
  - ◊ Eliminates the need for taping.
- Easy snap-out tabs.
  - ◊ Eases installation, protects connection from dirt and debris.
- Simple bolt-on connection.
  - ◊ Eases installation.

Catalog Number	Conductor Range		Bolt Size	Socket Size	Fig. No.	Dimensions			Recommended Torque (N,m)	Max. Voltage Rating
	Run	Tap				H	L	W		
BIPC1/0-2	1/0 - 8 AWG [50 - 6 mm²]	2 - 8 AWG [35 - 6 mm²]	5/16-18	1/2	1	2.00 [51]	1.53 [39]	2.56 [65]	180 in. lbs. [20.3 N.m]	600V
BIPC4/0-6	4/0 - 1/0 AWG [95 - 50 mm²]	1/0 - 6 AWG [50 - 16 mm²]	5/16-18	1/2	2	2.50 [64]	2.12 [54]	2.00 [51]	250 in. lbs. [28.3 N.m]	300V
BIPC4/0-1/0	4/0 - 1/0 AWG [95 - 50 mm²]	4/0 - 1/0 AWG [95 - 50 mm²]	5/16-18	1/2	2	2.50 [64]	2.12 [2.12]	2.06 [52]	250 in. lbs. [28.3 N.m]	300V
BIPC350-4/0	350 - 4/0 AWG [185 - 95 mm²]	4/0 - 10 AWG [95 - 6 mm²]	3/8-16	9/16	1	3.00 [76]	1.59 [40]	2.50 [64]	375 in. lbs. [42.4 N.m]	300V
BIPC350-350	350 - 4/0 AWG [185 - 95 mm²]	350 - 4/0 AWG [185 - 95 mm²]	3/8-16	9/16	2	3.00 [76]	2.62 [67]	2.75 [70]	300 in. lbs. [33.9 N.m]	300V
BIPC500-4/0	500 - 350 kcmil [240 - 185 mm²]	4/0 - 4 AWG [95 - 25 mm²]	3/8-16	9/16	1	3.25 [83]	1.59 [40]	2.62 [67]	400 in. lbs. [45.2 N.m]	600V

Blue highlighted items are industry standard and most frequently ordered.

MISCELLANEOUS ACCESSORIES

TERMINAL BLOCKS



Meets UL component requirements:

CLASS B:
Commercial Equipment 300 V RMS

CLASS C:
General Industrial 300 V RMS

Withstands volts, Vdc 10,500
Steel nickel plated screws

Number of Circuits	Overall Length	General Description	Catalog Number
2	2-3/32″	Molded General Purpose Phenolic Base 30 amps, #10 studs	RK149-2
2	3-7/32″		RK150-2
6	4-11/32″		**RK225-2**
8	5-15/32″	1 piece, per card 300-volt rating	**RK151-2**
10	6-19/32″		**RK152-2**
12	7-23/32″		RK226-2
14	8-27/32″		RK153-2
16	9-31/32″		RK227-2

For bulk pack contact factory.

U-BLOK™ POWER DISTRIBUTION BLOCKS

For Junction Box Applications

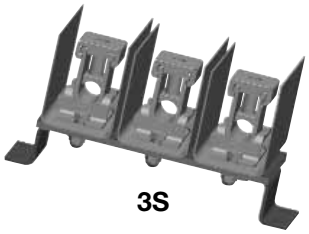
The U-BLOK™ system is a modern, state-of-the-art approach to multi-load power distribution applications. Among typical uses are multi-story or multi-unit buildings, HVAC, refrigeration, control panels, motor control, switch gear, elevator systems and materials-handling equipment. U-BLOK™ is UL Listed for Copper or Aluminum conductors and rated for 600-volt applications. U-BLOK™ can be mounted on bases for use in troughs or bolted directly to junction boxes. AL9CU rated.



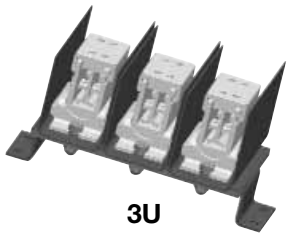
FT4B500



FT3B4/0



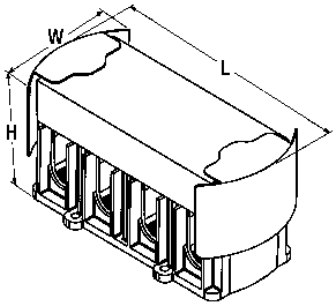
3S



3U

Features and Benefits

- Connector top slides OFF/ON for quick cable lay-in.
  - ◊ Labor savings. Easy access for installation, modifications or retrofit.
- Electro-tin plated connectors in each pole.
  - ◊ Durability. High-conductivity and resistance to corrosion.
- Compact size.
  - ◊ Requires less space than traditional connection methods.
- Trough installations can be mounted on raised platforms.
  - ◊ Passage of cables under block means through-cables need not be terminated.
- Insulating covers and mounting blocks rated 94-VO.
  - ◊ Saves costly taping, time and material. Conforms to or exceeds building codes.
- Connectors accommodate a wide range of wire sizes.
  - ◊ Reduces parts inventory requirements.
- Feeder conductors can be cut or fed through on a continuous run.
  - ◊ Ease of installation.



3 WIRE POWER DISTRIBUTION BLOCKS

Catalog Number	Maximum Number of Wires per Phase		Al or Cu Wire Range *		W	L	H	Weight Each	Allen Wrench Size	Torque (in-lb)	Strip Length	
			Run	Tap								
FT3B4/0	2		3/0 - 4/0	6 - 4/0	3-7/8″	5-7/8″	4-1/8″	1-1/4 lbs.	1/4″	200	1-1/2″	
FT3B500			400 - 500	6 - 500				2-1/8 lbs.	3/8″	375	2-5/16″	
3S	2		250-350	6 - 350	3-5/8″	9-3/4″	4-7/8″	3 lbs.	1/4″	200	1-3/4″	
	Run	Tap									Run	Tap
3U	1	8	3/0-500	6 - 1/0	4-3/4″	9-3/4″	5-1/2″	3 lbs.	5/32″	110	2-5/16″	1-5/32″

4 WIRE POWER DISTRIBUTION BLOCKS

Catalog Number	Maximum Number of Wires per Phase		Al or Cu Wire Range *		W	L	H	Weight Each	Allen Wrench Size	Torque (in-lb)	Strip Length	
			Run	Tap								
FT4B4/0	2		3/0 - 4/0	6 - 4/0	3-7/8″	7-7/8″	4-1/8″	2 lbs.	1/4″	200	1-1/2″	
FT4B500			400 - 500	6 - 500				2-3/4 lbs.	3/8″	375	2-5/16″	
4S	2		250-350	6 - 350	3-5/8″	11-3/4″	4-7/8″	3-1/2 lbs.	1/4″	200	1-3/4″	
	Run	Tap									Run	Tap
4U	1	8	3/0-500	6 - 1/0	4-3/4″	11-3/4″	5-1/2″	3-1/2 lbs.	5/32″	110	2-5/16″	1-5/32″

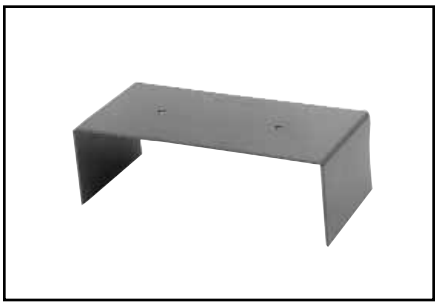
PENETROX™ inhibitor is recommended for all aluminum wire connections.
For two wire tap range is 8 through 1/0.

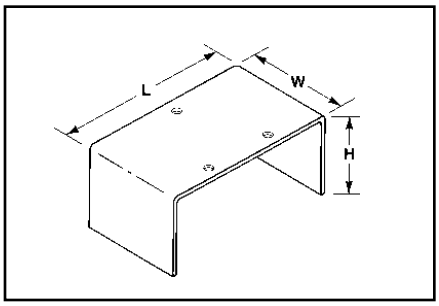
* Aluminum and copper conductors cannot be assembled under the same pressure plate or t-bar.

Blue highlighted items are industry standard and most frequently ordered.

U-BLOK™ MOUNTING PLATFORMS

For Trough Applications





CATALOG NUMBER	W	L	H	GUTTER SIZE	WEIGHT EACH
TBPT-6*	4-1/4″	5-7/8″	1-1/2″	6″	3/4 lb.
TBPT-8	4-1/4″	7-7/8″	3-1/2″	8″	1-1/4 lb.
TBPT-10	4-1/4″	9-7/8″	4″	10″	1-1/2 lb.
TBPT-12	4-1/4″	11-7/8″	4″	12″	1-3/4 lb.

Hole pattern shown is for reference only.
* Supercedes TBPT4/0-6 and TBPT350/500-6.

FLEXI-TAP™
ALLOWABLE AMPACITIES OF INSULATED CONDUCTOR, 60° TO 90° C **

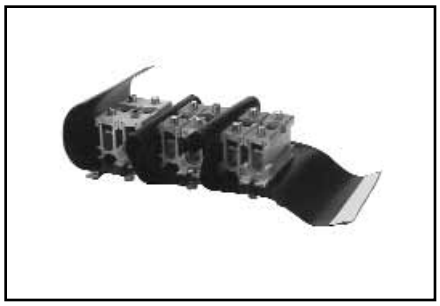
Size AWG kcmil	Copper			Al or Copper Clad Al		
	60 deg. C	75 deg. C	90 deg. C	60 deg. C	75 deg. C	90 deg. C
12	25	25	30	20	20	25
10	30	35	40	25	30	35
8	40	50	55	30	40	45
6	55	65	75	40	50	60
4	70	85	95	55	65	75
3	85	100	110	65	75	85
2	95	115	130	75	90	100
1	110	130	150	85	100	115
1/0	125	150	170	100	120	135
2/0	145	175	195	115	135	150
3/0	165	200	225	130	155	175
4/0	195	230	260	150	180	205
250	215	255	290	170	205	230
300	240	285	320	190	230	255
350	260	310	350	210	250	280
400	280	335	380	225	270	305
500	320	380	430	260	310	350
600	355	420	475	285	340	385
700	385	460	520	310	375	420
750	400	475	535	320	385	435

** **NOTE:** Values referenced from Article 310 of the National Electric Code, Table 310-16, 1996. The above chart is to be used for REFERENCE ONLY. Please consult Table 310-16 of the National Electric Code (latest revision) for information regarding insulation type, voltage range, and conductor housings/surroundings. U-TAP™, U-BLOK™, and SPEC-BLOK™ connectors are rated for 90 deg. C by Underwriters' Laboratories. Use of 60 deg. C and 75 deg. C conductor(s) is valid, though only as determined by the National Electric Code.

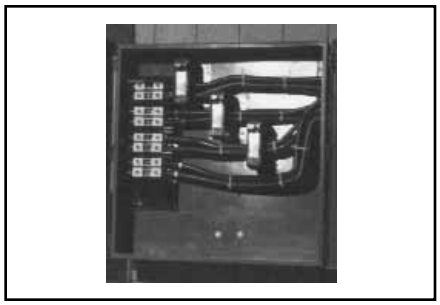
SPEC-BLOK™ POWER DISTRIBUTION CONNECTORS

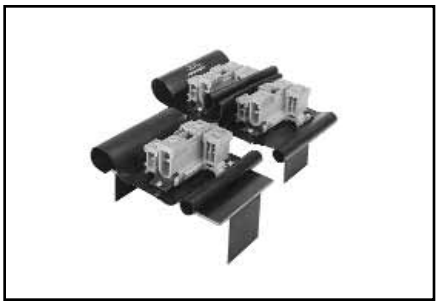
Unique, modular, made-to-order, power-distribution assemblies accommodate any number of supply and load conductors in any number of poles. Capacity matches the conductors accommodated and SPEC-BLOK™ assures uniform loading.

Adjacent poles are separated by easy-to-handle, wrap-around insulating covers which eliminate taping and reduce heat build-up by allowing air to flow freely around connectors. SPEC-BLOK™ is UL Listed for copper or aluminum conductors for 600 volts. (AL9CU) Assemblies are mounted on platforms suitable for easy installation in wireway or junction box.









Features and Benefits

- Accommodate unlimited conductors.
  - ◇ Fits wide range of applications. Eliminates need for non-UL-listed improvisation.
- Connector elements tin-plated.
  - ◇ Provides high reliability, low-resistance connections.
- User friendly, space-saving design.
  - ◇ Easy to install. Saves labor.
- 94-VO rated insulation folds into place insulating the components.
  - ◇ Saves time and material. Allows easy installation.
- Connector caps removable for easy cable lay-in.
  - ◇ Saves labor. Makes installation easier. Allows installation or straight-through conductors. Eases retrofit.
- Belleville washers built-in on pressure screw assemblies, except in assemblies installed with a 5/32″ Allen wrench.
  - ◇ Provides high-integrity connections.
- Conductors can be cut or fed straight through.
  - ◇ Straight through installation ideal for riser applications.

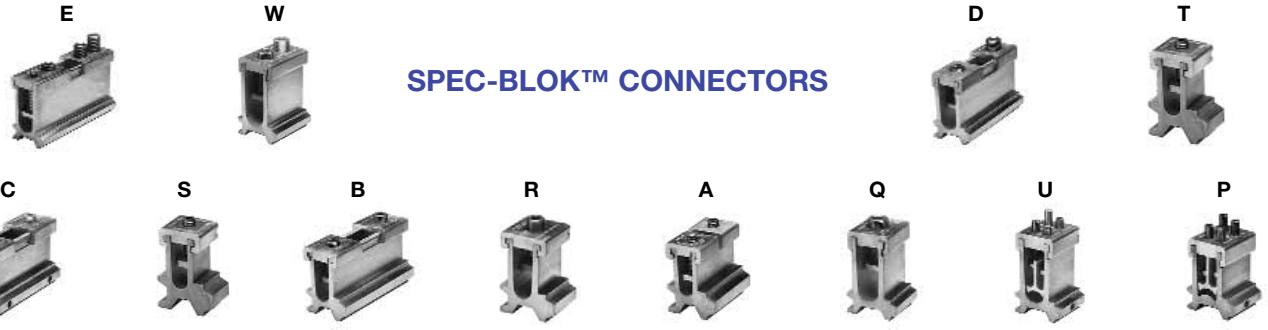
Contact BURNDY® or Technical Services: 1-800-451-4956,
or BURNDY® Customer Service: 1-800-346-4175

SPEC-BLOK™

Features and Benefits

- The SPEC-BLOK™ system includes 12 connector elements
  - ◇ A wide variety of conductor sizes can be accommodated
- Each element can be bolted together in parallel
  - ◇ Provides an efficient flow of current from one element to another
- AL9CU rated for Copper or Aluminum conductors
  - ◇ Dual-rated system, with UL486B's highest temperature rating
- 2 Wire (series), 4 (parallel), and Multi-Tap versions available
  - ◇ Nearly any conductor combination can be terminated
- Tin-plated Aluminum Alloy Construction
  - ◇ High-strength, corrosion-resistant connector elements
- All SPEC-BLOKs™ are custom made for nearly any Power Distribution system requirement
  - ◇ Time savings — pre-assembled in our factory for immediate installation!

SPEC-BLOK™ CONNECTORS



Catalog Designation (Maximum Conductor)		Number of Conductors Accommodated		AL or CU Wire Range Under Each Cap		Dimensions				Allen Wrench Size
4 Conductor	2 Conductor	4 Conductor	2 Conductor	First Conductors MUST Be	Second Conductor (if required) May Be	Height On Max Conductors	Width	Length Without Insulator		
								4 Conductor	2 Conductor	
A	Q	1 to 4 (0, 1 or 2 per cap)	1 or 2 per cap	1/0-2/0	#12-2/0	2-9/16″	1-1/2″	2-1./8″	7/8″	5/32″
(2/0)										
B	R			3/0-250	#6-250	3-1/8″	1-11/16″	4-1/4″	1-3/8″	1/4″
(250)										
C	S			250-350	#6-350	3-5/16″	1-13/16″	4-5/8″	1-1/2″	
(350)										
D	T			400-500	#6-500	4-1/16″	2″	5-5/8″	1-3/4″	3/8″
(500)										
E	W			600-750	3/0-750	4-7/8″	2-1/4″	7-1/4″	2-5/8″	
(750)										

Catalog Designation (Maximum Conductor)	Number of Conductors Accommodated	Large Groove	Small Grooves**	Height On Maximum Conductors	Width	Length Without Insulator	Allen Wrench Size
P (1/0)	1 to 8 (0, 1 or 2 under each screw)	—	6-1/0	3-1/2″	2″	1-3/4″	5/32″
U (1/0 & 500)	2 to 9 (0, 1 or 2 under each screw plus one large conductor)	3/0-500	6-1/0	4-1/8″	2″		

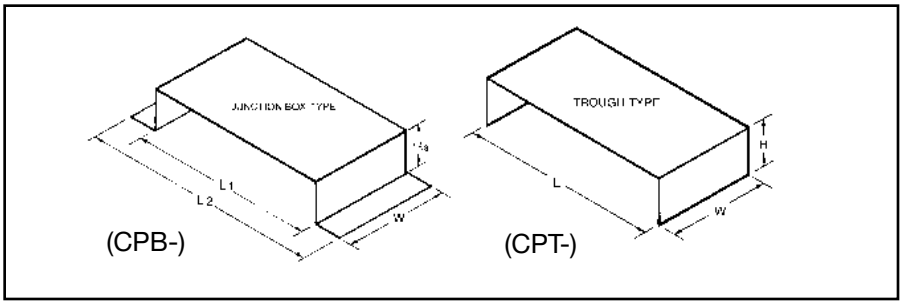
** This range may be expanded to include #8 provided two conductors are being installed in that particular element.

Blue highlighted items are industry standard and most frequently ordered.

SPEC-BLOK™

MOUNTING PLATFORMS

SPEC-BLOK™ Mounting Platforms are rigid steel construction with a black finish. They can be supplied for junction box mounting or wireway construction allowing trough conductors to pass underneath the assemblies.



Catalog Number	L (Nominal)	L (Overall)	W (Overall)
CPB6	6″	7-3/4″	2-1/2″
CPB8	8″	9-3/4″	2-1/2″
CPB10	10″	11-3/4″	2-1/2″
CPB12	12″	13-3/4″	3-1/2″
CPB14	14″	15-3/4″	3-1/2″
CPB16-5/8	16-5/8″	18-3/8″	3-1/2″
CPB21-1/4	21-1/4″	23″	3-1/2″

Catalog Number	L	W	H
CPT6	5-7/8″	2-1/2″	2-1/4″
CPT8	7-7/8″	3-1/2″	3″
CPT10	9-7/8″	3-1/2″	3-1/2″
CPT12	11-7/8″	3-1/2″	4″
CPT16	15-7/8″	3-1/2″	4″

SPEC-BLOK™ catalog numbers describe exactly how the distribution block is assembled:

5DR-NDST-GQP-12
(assembly pictured)

5 Total number of poles in the completed assembly

DR One ‘D’ unit and one ‘R’ unit, bolted in parallel, forming each phase pole (3 phase poles)

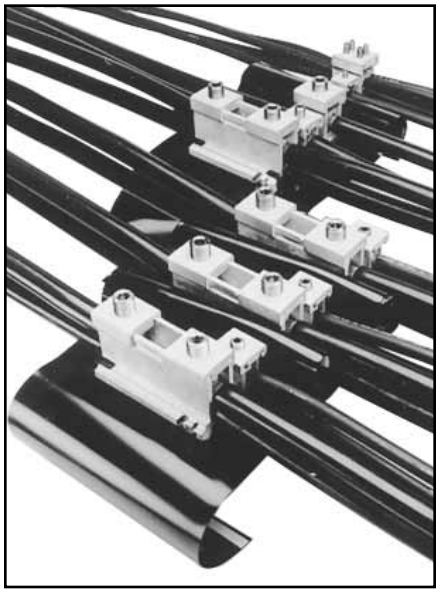
N Denotes the beginning of the neutral pole (where required)

DST One ‘D’ unit, one ‘S’ unit, and on ‘T’ unit, bolted in parallel, forming the neutral pole

G Denotes the beginning of the ground pole description (where required)

QP One ‘Q’ unit and on ‘P’ unit, bolted in parallel, forming the ground pole.

12 Size (inches) of the wireway or trough that is needed to enclose the assembly. If a junction box enclosure is used, no number is used to denote the size of the enclosure.



SPEC-BLOK™ IS A SYSTEM THAT CAN SOLVE MOST POWER DISTRIBUTION APPLICATIONS!

Blue highlighted items are industry standard and most frequently ordered.

QUESTIONNAIRE

FOR SPEC-BLOK™ OR ELECTRO-RAIL™ APPLICATIONS

What is the total capacity of the system?_____amps

How many poles in the system

(3-wire, 4-wire, single phase, etc.)?_____poles

Are neutral conductors (when required) different sizes (AWG/kcmil) than the phase conductors?

_____the same size _____different size

Is a ground connection required? ☐ Yes ☐ No

What are the **quantities, sizes** (AWG/kcmil) and material (Al/Cu) of the incoming line conductors and outgoing load conductors?

		QUANTITY	SIZE	CONDUCTOR TYPE (Cu/Al)
PER PHASE	LINE			
	LOAD			
PER NEUTRAL	LINE			
	LOAD			
PER GROUND	LINE			
	LOAD			

Are any conductors continuous? ☐ Yes ☐ No

If yes, which ones?_____

_____

What kind of enclosure is connection assembly being mounted into and what are inside space dimensions?

Trough size _____

Box, panel, cabinet, other size_____

When is a quotation required? Date:_____

When is the material required? Date:_____

Is there a preference for a particular BURNDY® distributor? ☐ Yes ☐ No

If yes, give name, location & telephone Number:

Name:_____

Address:_____

_____

Phone #:_____

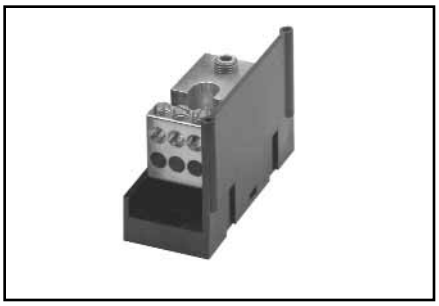
Blue highlighted items are industry standard and most frequently ordered.

VERSI-POLE™

POWER DISTRIBUTION BLOCKS

VERSI-POLE™ Power Distribution Blocks are designed to provide modular solutions to power distribution applications. Each connector element is made from a high conductivity aluminum alloy which is insulated with a high strength polymer housing. One, two, and three pole versions available. “Add” a pole (snap-together) blocks are also available for wire sizes up to 500 kcmil. For use with Cu or Al. 600 V, AL9CU rated.



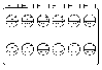
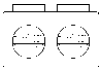
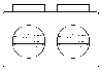
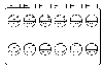
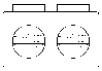
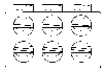
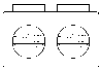
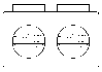
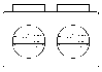


Features and Benefits

- “Add” a pole feature available.
  - ◇ Provides capability to create as many poles as required.
- Up to 30 tap conductors accommodated.
  - ◇ Ideal for current distribution to multiple locations.
- Single or dual run connections.
  - ◇ Allows user to minimize the number of connectors needed to do the job.
- Suitable for use with aluminum or copper conductors.
  - ◇ Provides maximum versatility.
- 600 V, AL9CU rated.*
  - ◇ Meets or exceeds industry standard requirements.
- Dead-front covers available
  - ◇ Provides user protection – one cover per pole.

* BDB-430-500-1 not UL recognized or CSA certified

VERSI-POLE™ Snap-Together Blocks

Catalog Number	Connector		Run Wire Range AL9CU	Tap Wire Range AL9CU	Ampere Rating per Pole	Number of Poles
	Run	Tap				
BDA-112-350			AWG 6 - 350 kcmil	AWG 14 - 4	310	ADDER
BDA-16-350			AWG 6 - 350 kcmil	AWG 14 - 2/0	310	ADDER
BDA-16-500			AWG 4 - 500 kcmil	AWG 4 - 2/0	380	ADDER
BDA-26-350			AWG 6 - 350 kcmil	AWG 14 - 2/0	620	ADDER
BDA-212-500			AWG 4 - 500 kcmil	AWG 14 - 4	760	ADDER
BDA-26-500			AWG 4 - 500 kcmil	AWG 14 - 2/0	760	ADDER
BDA-24-500			AWG 4 - 500 kcmil	AWG 6 - 4/0	760	ADDER
BDA-11-500			AWG 4 - 500 kcmil	AWG 4 - 500 kcmil	380	ADDER
BDA-22-350			AWG 6 - 350 kcmil	AWG 6 - 350 kcmil	620	ADDER
BDA-22-500			AWG 4 - 500 kcmil	AWG 4 - 500 kcmil	760	ADDER

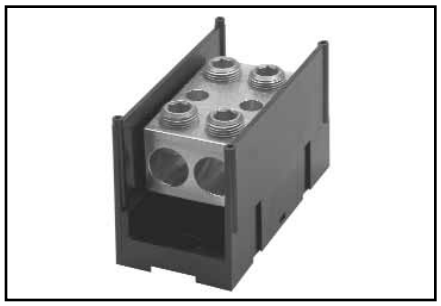
NOTES:
1. Order Optional BDB COVER1 per pole if desired.
2. Snap-together blocks can also be assembled to 1, 2, 3 pole blocks to create multi-pole distribution blocks.

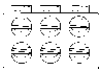
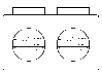
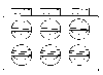
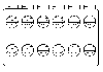
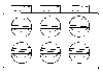
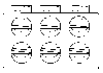
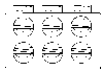
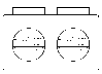
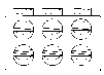
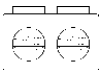
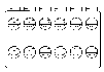
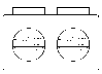
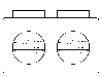
Blue highlighted items are industry standard and most frequently ordered.

VERSI-POLE™

VERSI-POLE™ 1, 2, 3 Pole Distribution Blocks



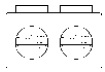
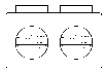
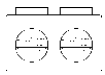
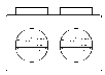
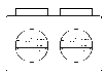
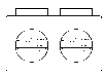


Catalog Number	Connector		Run Wire Range AL9CU	Tap Wire Range AL9CU	Ampere Rating per Pole	Number of Poles	Optional Cover Order 1 per Pole
	Run	Tap					
BDB-16-2/0-1 BDB-16-2/0-2 BDB-16-2/0-3			AWG 12 - 2/0	AWG 14 - 4	175	1 2 3	BDBCOVER2
BDB-26-2/0-1 BDB-26-2/0-2 BDB-26-2/0-3			AWG 14 - 2/0	AWG 14 - 2	350	1 2 3	BDBCOVER2
BDB-112-350-1 BDB-112-350-2 BDB-112-350-3			AWG 6 - 350 kcmil	AWG 14 - 4	310	1 2 3	BDBCOVER1
BDB-16-350-1 BDB-16-350-2 BDB-16-350-3			AWG 6 - 350 kcmil	AWG 14 - 2/0	310	1 2 3	BDBCOVER1
BDB-14-500-1 BDB-14-500-2 BDB-14-500-3			AWG 4 - 500 kcmil	AWG 14 - 2/0	380	1 2 3	BDBCOVER2
BDB-16-500-1 BDB-16-500-2 BDB-16-500-3			AWG 4 - 500 kcmil	AWG 14 - 2/0	380	1 2 3	BDBCOVER1
BDB-162-500-1 BDB-162-500-2 BDB-162-500-3			AWG 4 - 500 kcmil	AWG 14 - 2	380	1 2 3	BDBCOVER2
BDB-26-350-1 BDB-26-350-2 BDB-26-350-3			AWG 6 - 350 kcmil	AWG 14 - 2/0	620	1 2 3	BDBCOVER1
BDB-212-500-1 BDB-212-500-2 BDB-212-500-3			AWG 4 - 500 kcmil	AWG 14 - 4	760	1 2 3	BDBCOVER1
BDB-26-500-1 BDB-26-500-2 BDB-26-500-3			AWG 4 - 500 kcmil	AWG 14 - 2/0	760	1 2 3	BDBCOVER1
BDB-24-500-1 BDB-24-500-2 BDB-24-500-3			AWG 4 - 500 kcmil	AWG 6 - 4/0	760	1 2 3	BDBCOVER1

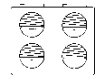
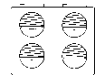
Blue highlighted items are industry standard and most frequently ordered.

VERSI-POLE™

VERSI-POLE™ 1, 2, 3 Splice/Reducer Blocks

Catalog Number	Connector		Run Wire Range AL9CU	Tap Wire Range AL9CU	Ampere Rating per Pole	Number of Poles	Optional Cover Order 1 per Pole
	Run	Tap					
BDB-11-2/0-1 BDB-11-2/0-2 BDB-11-2/0-3			AWG 14 - 2/0	AWG 14 - 2/0	175	1 2 3	BDBCOVER2
BDB-11-350-1 BDB-11-350-2 BDB-11-350-3			AWG 6 - 350 kcmil	AWG 6 - 350 kcmil	310	1 2 3	BDBCOVER2
BDB-11-500-1 BDB-11-500-2 BDB-11-500-3			AWG 6 - 500 kcmil	AWG 6 - 500 kcmil	380	1 2 3	BDBCOVER1
BDB-22-2/0-1 BDB-22-2/0-2 BDB-22-2/0-3			AWG 14 - 2/0	AWG 14 - 2/0	350	1 2 3	BDBCOVER2
BDB-22-350-1 BDB-22-350-2 BDB-22-350-3			AWG 6 - 350 kcmil	AWG 6 - 350 kcmil	620	1 2 3	BDBCOVER1
BDB-22-500-1 BDB-22-500-2 BDB-22-500-3			AWG 4 - 500 kcmil	AWG 4 - 500 kcmil	760	1 2 3	BDBCOVER1

SNAP TOGETHER SPLICE/REDUCER BLOCKS

Catalog Number	Connector		Run Wire Range AL9CU	Tap Wire Range AL9CU	Ampere Rating per Pole	Number of Poles	Optional Cover Order 1 per Pole
	Run	Tap					
BDC-14-2/0-1			AWG 14 - 2/0	AWG 14 - 4	175	1	BDBCOVER3
BDA-14-2/0-1			AWG 14 - 2/0	AWG 14 - 4	175	ADDER	BDBCOVER3
BDC-11-2/0-1			AWG 14 - 2/0	AWG 14 - 2/0	175	1	BDBCOVER3
BDA-11-2/0-1			AWG 14 - 2/0	AWG 14 - 2/0	175	ADDER	BDBCOVER3

Blue highlighted items are industry standard and most frequently ordered.

VERSI-POLE™
(Continued)

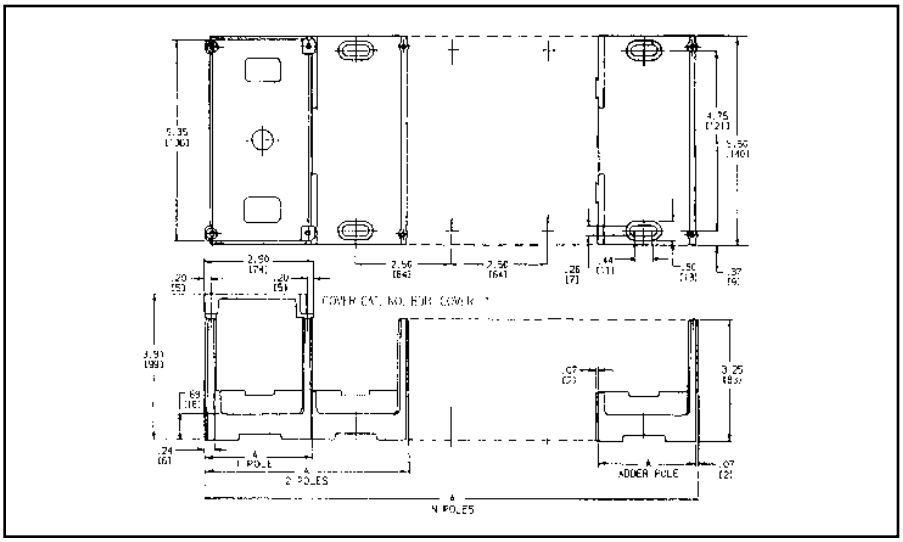
VERSI-POLE™ 1, 2, 3 Splice/Reducer Blocks

These tables and illustrations refer to VERSI-POLE™ Power Distribution Blocks listed on pages A-48 through A-50.

The Figure to the Lower Right is Applicable to the Following:			
Catalog Number	**Number of Poles**	**Catalog Number**	**Number of Poles**
BDA-11-500	1 (adder)	BDB-16-500-3	3
BDA-112-350	1 (adder)	BDB-212-500-1	1
BDA-16-350	1 (adder)	**BDB-212-500-2**	2
BDA-16-500	1 (adder)	BDB-212-500-3	3
BDA-212-500	1 (adder)	**BDB-22-350-1**	1
BDA-22-350	1 (adder)	BDB-22-350-2	2
BDA-22-500	1 (adder)	**BDB-22-350-3**	3
BDA-24-500	1 (adder)	**BDB-22-500-1**	1
BDA-26-350	1 (adder)	BDB-22-500-2	2
BDA-26-500	1 (adder)	**BDB-22-500-3**	3
BDB-11-500-1	1	**BDB-24-500-1**	1
BDB-11-500-2	2	BDB-24-500-2	2
BDB-11-500-3	3	**BDB-24-500-3**	3
BDB-112-350-1	1	BDB-26-350-1	1
BDB-112-350-2	2	**BDB-26-350-2**	2
BDB-112-350-3	3	**BDB-26-350-3**	3
BDB-16-350-1	1	BDB-26-500-1	1
BDB-16-350-2	2	**BDB-26-500-2**	2
BDB-16-350-3	3	BDB-26-500-3	3
BDB-16-500-1	1	**BDB-430-500-1**	1
BDB-16-500-2	2		

No. of Poles	Dimensions A Inches
Adder	2.50
1	2.81
2	5.31
3	7.81
N	(2.50 X N) + .31

Example for 10 poles:
A = (2.50 X 10) + .31 = 25



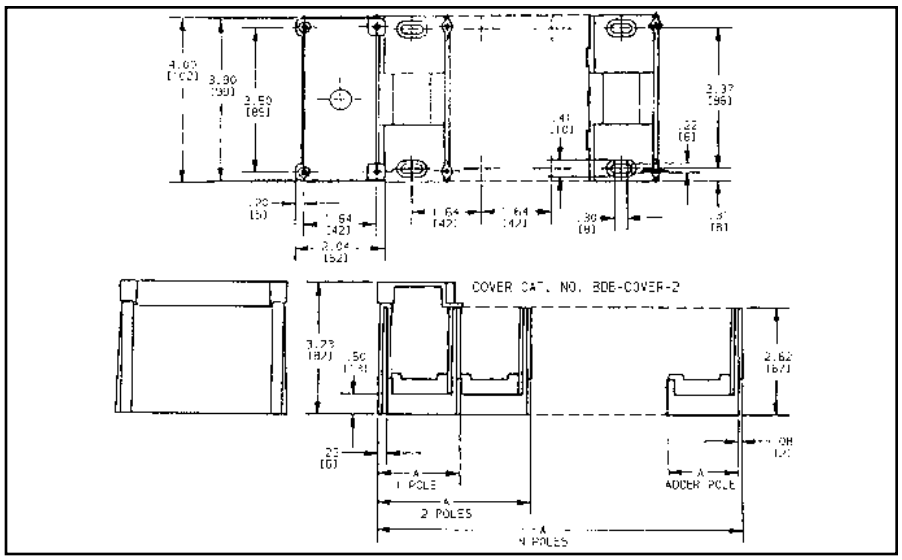
Blue highlighted items are industry standard and most frequently ordered.

VERSI-POLE™
(Continued)

VERSI-POLE™ 1, 2, 3 Splice/Reducer Blocks

These tables and illustrations refer to VERSI-POLE™ Power Distribution Blocks listed on pages A-41 through A-55.

The Figure to the Right is Applicable to the Following:	
Catalog Number	**Number of Poles**
BDB-11-2/0-1	1
BDB-11-2/0-2	2
BDB-11-2/0-3	3
BDB-11-350-1	1
BDB-11-350-2	2
BDB-11-350-3	3
BDB-14-500-1	1
BDB-14-500-2	2
BDB-14-500-3	3
BDB-16-2/0-1	1
BDB-16-2/0-2	2
BDB-16-2/0-3	3
BDB-162-500-1	1
BDB-162-500-2	2
BDB-162-500-3	3
BDB-22-2/0-1	1
BDB-22-2/0-2	2
BDB-22-2/0-3	3
BDB-26-2/0-1	1
BDB-26-2/0-2	2
BDB-26-2/0-3	3



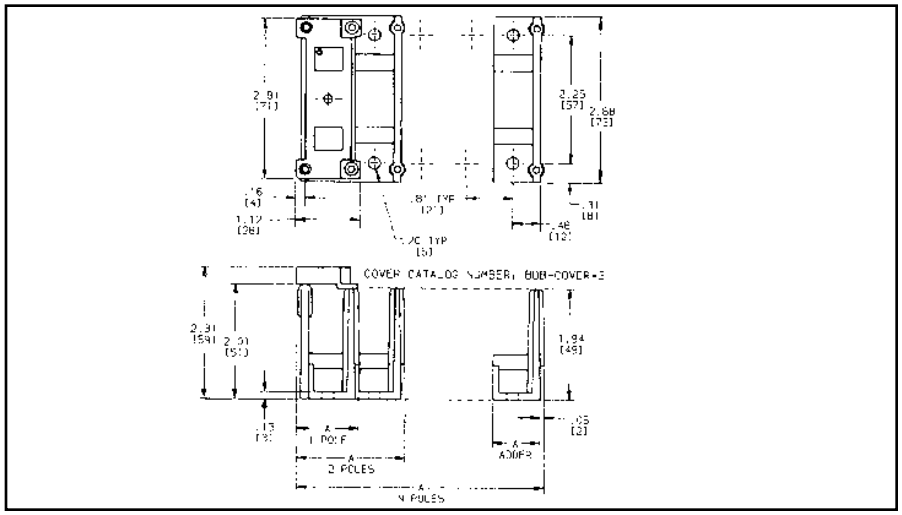
No. of Poles	Dimensions A Inches
Adder	1.64
1	1.94
2	3.57
3	5.20
N	(1.64 X N) + .30

Example for 10 poles:
A = (1.64 X 10) + .30 = 16.20

Applicable VERSI-POLE™ Items	
Catalog Number	**Number of Poles**
BDA-14-2/0-1	1 (adder)
BDC-14-2/0-1	1
BDA-11-2/0-1	1 (adder)
BDC-11-2/0-1	1

No. of Poles	Dimensions A Inches
Adder	.81
1	1.08
2	1.89
3	2.70
N	(.81 X N) + .27

Example for 10 poles:
A = (.81 X 10) + .27 = 8.37



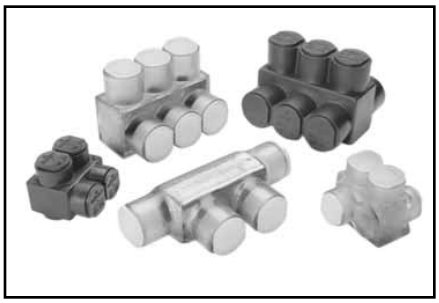
Blue highlighted items are industry standard and most frequently ordered.

BURNDY® UNITAP™

TYPES BIT, BISR

Clear Insulated
Multiple Tap Connectors

Tap connections and in-line splice/reduc–tions are made quickly and easily with the UNITap™ line of connectors. UL486B Listed. Dual-rated AL9CU for any stranded copper or stranded aluminum applications. 600 Volt, 90° C.



Features and Benefits

- Clear Plastisol covered AL6061-T6 aluminum body.
  - ◇ Saves time, lowers installation costs, eliminates taping.
- Clear Plastisol.
  - ◇ Allows visual confirmation that conductor is properly inserted.
- Oxide inhibitor pre-installed.
  - ◇ Inhibits moisture and contaminants from entering the contact area.
- Range-taking.
  - ◇ Reduces number of connectors carried in inventory.

2 Port, 1 or 2 Sided Entry

Catalog Number	# of Ports	Wire Range (AWG/kcmil)	L	W	H	Hex Key	Fig. No.
BIT4	2	#14 - #4	1.16	1.16	1.25	1/8	1
BIT04	2	#14 - #4	1.16	1.50	1.25	1/8	2
BIT2/0	2	#14 - 2/0	1.52	1.40	1.38	3/16	1
BIT02/0	2	#14 - 2/0	1.52	1.56	1.38	3/16	2
BIT250	2	#10 - 250	2.03	2.07	2.13	5/16	1
BIT0250	2	#10 - 250	2.03	2.64	2.13	5/16	2
BIT350	2	#10 - 350	2.22	2.32	2.50	5/16	1
BIT0350	2	#10 - 350	2.22	3.00	2.50	5/16	2
BIT600	2	#4 - 600	2.72	2.38	2.75	3/8	1
BIT0600	2	#4 - 600	2.72	3.00	2.75	3/8	2
BIT750*	2	#2 - 750	2.87	2.70	3.00	3/8	1
BIT0750*	2	#2 - 750	2.87	3.38	3.00	3/8	2

* Not UL Listed.
UNITAP™ rated for code conductor only.



Fig. 1



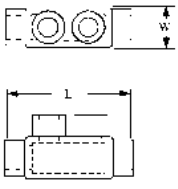
Fig. 2

In-Line Splicer/Reducer

Catalog Number	Wire Range (AWG/kcmil)	L	W	H	Hex Key
BISR2	#14 - 2	2.38	0.75	1.22	5/32
BISR1/0	#14 - 1/0	2.91	0.91	1.38	3/16
BISR250	#10 - 250	4.01	1.19	2.10	5/16
BISR350	#10 - 350	4.63	1.34	2.35	5/16
BISR500	#6 - 500	5.00	1.62	2.62	3/8

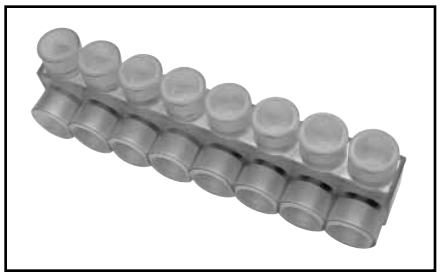
UNITAP™ rated for code conductor only.

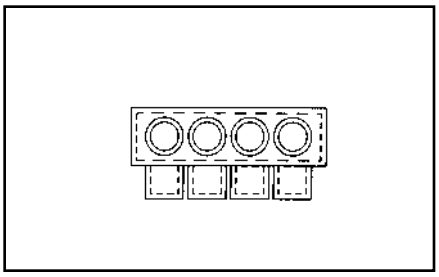




Blue highlighted items are industry standard and most frequently ordered.

BURNDY® UNITAP™





MULTI-PORT
Single-Sided Entry

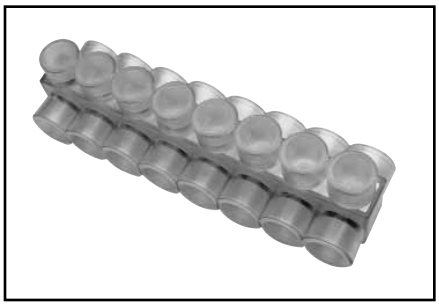
Catalog Number	# of Ports	Wire Range (AWG/kcmil)	L	W	H	Hex Key
BIBS4-3	3	#14 - 4	1.59	1.25	1.25	1/8
BIBS4-4	4	#14 - 4	2.03	1.25	1.25	1/8
BIBS4-5	5	#14 - 4	2.47	1.25	1.25	1/8
BIBS4-6	6	#14 - 4	2.91	1.25	1.25	1/8
BIBS4-8	8	#14 - 4	3.78	1.25	1.25	1/8
BIBS2/0-3	3	#14 - 2/0	2.19	1.31	1.38	3/16
BIBS2/0-4	4	#14 - 2/0	2.86	1.31	1.38	3/16
BIBS2/0-5	5	#14 - 2/0	3.53	1.31	1.38	3/16
BIBS2/0-6	6	#14 - 2/0	4.20	1.31	1.38	3/16
BIBS2/0-8	8	#14 - 2/0	5.55	1.31	1.38	3/16
BIBS2/0-10	10	#14 - 2/0	6.89	1.31	1.38	3/16
BIBS2/0-12	12	#14 - 2/0	8.24	1.31	1.38	3/16
BIBS2/0-14	14	#14 - 2/0	9.58	1.31	1.38	3/16
BIBS250-3	3	#10 - 250	2.97	2.07	2.13	5/16
BIBS250-4	4	#10 - 250	3.91	2.07	2.13	5/16
BIBS250-5	5	#10 - 250	4.84	2.07	2.13	5/16
BIBS250-6	6	#10 - 250	5.78	2..07	2.13	5/16
BIBS250-8	8	#10 - 250	7.66	2.07	2.13	5/16
BIBS250-10	10	#10 - 250	9.53	2.07	2.13	5/16
BIBS250-12	12	#10 - 250	11.41	2.07	2.13	5/16
BIBS250-14	14	#10 - 250	13.29	2.07	2.13	5/16
BIBS350-3	3	#10 - 350	3.13	2.32	2.50	5/16

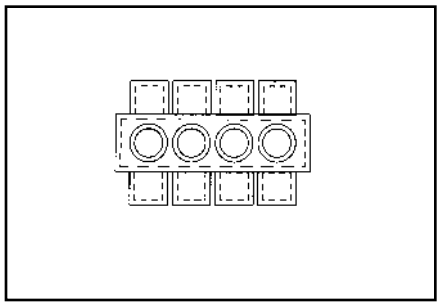
Catalog Number	# of Ports	Wire Range (AWG/kcmil)	L	W	H	Hex Key
BIBS350-4	4	#10 - 350	4.04	2.32	2.50	5/16
BIBS350-5	5	#10 - 350	4.95	2.32	2.50	5/16
BIBS350-6	6	#10 - 350	5.86	2.32	2.50	5/16
BIBS350-8	8	#10 - 350	7.68	2.32	2.50	5/16
BIBS350-10	10	#10 - 350	9.50	2.32	2.50	5/16
BIBS350-12	12	#10 - 350	11.32	2.32	2.50	5/16
BIBS350-14	14	#10 - 350	13.14	2.32	2.50	5/16
BIBS600-3	3	#4 - 600	4.00	2.38	2.75	3/8
BIBS600-4	4	#4 - 600	5.28	2.38	2.75	3/8
BIBS600-5	5	#4 - 600	6.56	2.38	2.75	3/8
BIBS600-6	6	#4 - 600	7.84	2.38	2.75	3/8
BIBS600-8	8	#4 - 600	10.41	2.38	2.75	3/8
BIBS600-10	10	#4 - 600	12.97	2.38	2.75	3/8
BIBS600-12	12	#4 - 600	15.53	2.38	2.75	3/8
BIBS600-14	14	#4 - 600	18.09	2.38	2.75	3/8
BIBS750-3*	3	#2 - 750	4.25	2.70	3.00	3/8
BIBS750-4*	4	#2 - 750	5.63	2.70	3.00	3/8
BIBS750-6*	6	#2 - 750	8.37	2.70	3.00	3/8
BIBS750-8*	8	#2 - 750	11.13	2.70	3.00	3/8
BIBS750-10*	10	#2 - 750	13.87	2.70	3.00	3/8
BIBS750-12*	12	#2 - 750	16.63	2.70	3.00	3/8
BIBS750-14*	14	#2 - 750	19.37	2.70	3.00	3/8

* Not UL Listed.
UNITAP™ rated for code conductor only.

Blue highlighted items are industry standard and most frequently ordered.

BURNDY® UNITAP™





MULTI-PORT
Double-Sided Entry

Catalog Number	# of Ports	Wire Range (AWG/kcmil)	L	W	H	Hex Key
BIBD4-2	2	#14 - #4	1.16	1.50	1.25	1/8
BIBD4-3	3	#14 - #4	1.59	1.50	1.25	1/8
BIBD4-4	4	#14 - #4	2.03	1.50	1.25	1/8
BIBD4-5	5	#14 - #4	2.47	1.50	1.25	1/8
BIBD4-6	6	#14 - #4	2.91	1.50	1.25	1/8
BIBD4-8	8	#14 - #4	3.78	1.50	1.25	1/8
BIBD2/0-2	2	#14 - 2/0	1.52	1.56	1.25	3/16
BIBD2/0-3	3	#14 - 2/0	2.19	1.56	1.25	3/16
BIBD2/0-4	4	#14 - 2/0	2.86	1.56	1.25	3/16
BIBD2/0-5	5	#14 - 2/0	3.53	1.56	1.25	3/16
BIBD2/0-6	6	#14 - 2/0	4.20	1.56	1.25	3/16
BIBD2/0-8	8	#14 - 2/0	5.55	1.56	1.25	3/16
BIBD2/0-10	10	#14 - 2/0	6.89	1.56	1.25	3/16
BIBD2/0-12	12	#14 - 2/0	8.24	1.56	1.25	3/16
BIBD2/0-14	14	#14 - 2/0	9.58	1.56	1.25	3/16
BIBD250-2	2	#10 - 250	2.03	2.64	2.13	5/16
BIBD250-3	3	#10 - 250	2.97	2.64	2.13	5/16
BIBD250-4	4	#10 - 250	3.91	2.64	2.13	5/16
BIBD250-5	5	#10 - 250	4.84	2.64	2.13	5/16
BIBD250-6	6	#10 - 250	5.78	2.64	2.13	5/16
BIBD250-8	8	#10 - 250	7.66	2.64	2.13	5/16
BIBD250-10	10	#10 - 250	9.53	2.64	2.13	5/16
BIBD250-12	12	#10 - 250	11.41	2.64	2.13	5/16
BIBD250-14	14	#10 - 250	13.29	2.64	2.13	5/16
BIBD350-2	2	#10 - 350	2.22	3.00	2.50	5/16
BIBD350-3	3	#10 - 350	3.13	3.00	2.50	5/16
BIBD350-4	4	#10 - 350	4.04	3.00	2.50	5/16
BIBD350-5	5	#10 - 350	4.95	3.00	2.50	5/16
BIBD350-6	6	#10 - 350	5.86	3.00	2.50	5/16
BIBD350-8	8	#10 - 350	7.68	3.00	2.50	5/16
BIBD350-10	10	#10 - 350	9.50	3.00	2.50	5/16
BIBD350-12	12	#10 - 350	11.32	3.00	2.50	5/16
BIBD350-14	14	#10 - 350	13.14	3.00	2.50	5/16
BIBD600-2	2	#4 - 600	2.56	3.00	2.75	3/8
BIBD600-3	3	#4 - 600	3.77	3.00	2.75	3/8
BIBD600-4	4	#4 - 600	4.97	3.00	2.75	3/8
BIBD600-5	5	#4 - 600	6.17	3.00	2.75	3/8
BIBD600-6	6	#4 - 600	7.37	3.00	2.75	3/8
BIBD600-8	8	#4 - 600	9.78	3.00	2.75	3/8
BIBD600-10	10	#4 - 600	12.97	3.00	2.75	3/8
BIBD600-12	12	#4 - 600	15.53	3.00	2.75	3/8
BIBD600-14	14	#4 - 600	18.09	3.00	2.75	3/8
BIBD750-2*	2	#2 - 750	2.87	3.38	3.00	3/8
BIBD750-3*	3	#2 - 750	4.25	3.38	3.00	3/8
BIBD750-4*	4	#2 - 750	5.63	3.38	3.00	3/8
BIBD750-6*	6	#2 - 750	8.37	3.38	3.00	3/8
BIBD750-8*	8	#2 - 750	11.13	3.38	3.00	3/8
BIBD750-10*	10	#2 - 750	13.87	3.38	3.00	3/8
BIBD750-12*	12	#2 - 750	16.63	3.38	3.00	3/8
BIBD750-14*	14	#2 - 750	19.37	3.38	3.00	3/8

NOTE: Only 1 conductor per port allowed.
* Not UL Listed.
UNITAP™ rated for code conductor only.

Blue highlighted items are industry standard and most frequently ordered.

BURNDY® UNITAP™

TYPES BIBS-MT, BIBD-MT

Clear Insulated
Multiple Tap Connectors

Mounting Version



The BIBS-MT and BIBD-MT series UNITAP™ offer the same multi-port capabilities as the standard UNITAP™ connectors except these -MT types are provided with two isolated mounting holes at both ends of the connector for direct mounting to a trough, gutter or wireway. They will accommodate up to standard 1/4″ hardware.

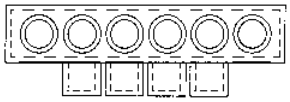


Fig. 1

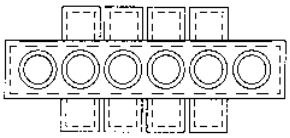


Fig. 2

MULTI-PORT
Single-Sided Entry

Catalog Number	Fig #	# of Ports	Wire Range (AWG/Kcmil)	L	W	H	Hex Key
BIBS2/04MT	1	4	#14-2/0	3.95	1.31	1.38	3/16
BIBS2/06MT	1	6	#14-2/0	5.29	1.31	1.38	3/16
BIBS2/08MT	1	8	#14-2/0	6.64	1.31	1.38	3/16
BIBS2/010MT	1	10	#14-2/0	7.98	1.31	1.38	3/16
BIBS2/012MT	1	12	#14-2/0	9.33	1.31	1.38	3/16
BIBS2504MT	1	4	#10-250	5.53	2.07	2.13	5/16
BIBS2506MT	1	6	#10-250	7.40	2.07	2.13	5/16
BIBS2508MT	1	8	#10-250	9.28	2.07	2.13	5/16
BIBS25010MT	1	10	#10-250	11.16	2.07	2.13	5/16
BIBS25012MT	1	12	#10-250	13.03	2.07	2.13	5/16
BIBS3504MT	1	4	#10-350	5.61	2.32	2.50	5/16
BIBS3506MT	1	6	#10-350	7.43	2.32	2.50	5/16
BIBS3508MT	1	8	#10-350	9.25	2.32	2.50	5/16
BIBS35010MT	1	10	#10-350	11.07	2.32	2.50	5/16
BIBS35012MT	1	12	#10-350	12.89	2.32	2.50	5/16
BIBS6004MT	1	4	#4-600	7.59	2.38	2.75	3/8
BIBS6006MT	1	6	#4-600	10.16	2.38	2.75	3/8
BIBS6008MT	1	8	#4-600	12.72	2.38	2.75	3/8
BIBS60010MT	1	10	#4-600	15.28	2.38	2.75	3/8
BIBS60012MT	1	12	#4-600	17.84	2.38	2.75	3/8

UNITAP™ rated for code conductor only.

MULTI-PORT
Double-Sided Entry

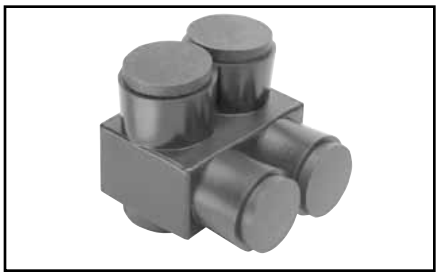
Catalog Number	Fig #	# of Ports	Wire Range (AWG/Kcmil)	L	W	H	Hex Key
BIBD2/04MT	2	4	#14-2/0	3.95	1.56	1.38	3/16
BIBD2/06MT	2	6	#14-2/0	5.29	1.56	1.38	3/16
BIBD2/08MT	2	8	#14-2/0	6.64	1.56	1.38	3/16
BIBD2/010MT	2	10	#14-2/0	7.98	1.56	1.38	3/16
BIBD2/012MT	2	12	#14-2/0	9.33	1.56	1.38	3/16
BIBD2504MT	2	4	#10-250	5.53	2.64	2.13	5/16
BIBD2506MT	2	6	#10-250	7.40	2.64	2.13	5/16
BIBD2508MT	2	8	#10-250	9.28	2.64	2.13	5/16
BIBD25010MT	2	10	#10-250	11.16	2.64	2.13	5/16
BIBD25012MT	2	12	#10-250	13.03	2.64	2.13	5/16
BIBD3504MT	2	4	#10-350	5.61	3.00	2.50	5/16
BIBD3506MT	2	6	#10-350	7.43	3.00	2.50	5/16
BIBD3508MT	2	8	#10-350	9.25	3.00	2.50	5/16
BIBD35010MT	2	10	#10-350	11.07	3.00	2.50	5/16
BIBD35012MT	2	12	#10-350	12.89	3.00	2.50	5/16
BIBD6004MT	2	4	#4-600	7.59	3.00	2.75	3/8
BIBD6006MT	2	6	#4-600	10.16	3.00	2.75	3/8
BIBD6008MT	2	8	#4-600	12.72	3.00	2.75	3/8
BIBD60010MT	2	10	#4-600	15.28	3.00	2.75	3/8
BIBD60012MT	2	12	#4-600	17.84	3.00	2.75	3/8

UNITAP™ rated for code conductor only.

Blue highlighted items are industry standard and most frequently ordered.

UV RATED BLACK UNITAP™

600V, 90°C



Features and Benefits

- UV Rated Plastisol covered AL6061-T6 aluminum body saves time by eliminating the need for taping.
- Oxide inhibitor pre-installed inhibits moisture and contaminants from entering the contact area.
- Range-taking capability reduces the number of connectors carried in inventory.
- UL486B Listed, AL9CU, 600V 90°C

Catalog Number	Number of Ports	Wire Range (AWG/kcmil)	Dimensions (Inches)			Hex Key (Torque) (In.-lbs.)
			L	W	H	
1PL42	2	#14 - 4	1.16	1.16	1.25	1/8 (45)
1PLO42	2	#14 - 4	1.16	1.50	1.25	1/8 (45)
1PL2/02	2	#14 - 2/0	1.52	1.40	1.38	3/16 (120)
1PLO2/02	2	#14 - 2/0	1.52	1.56	1.38	3/16 (120)
1PL2502	2	#10 - 250	2.03	2.07	2.13	5/16 (275)
1PLO2502	2	#10 - 250	2.03	2.64	2.13	5/16 (275)
1PL3502	2	#10 - 350	2.22	2.32	2.50	5/16 (275)
1PL6002	2	#4 - 600	2.72	2.38	2.75	3/8 (375)
1PLO6002	2	#4 - 600	2.72	3.00	2.75	3/8 (375)
1PBS2	2	#14 - 2	2.38	0.75	1.22	5/32 (45)
1PBS1/0	2	#14 - 1/0	2.91	0.91	1.38	3/16 (120)
1PBS250	2	#10 - 250	4.01	1.19	2.10	5/16 (120)
1PBS350	2	#10 - 350	4.63	1.34	2.35	5/16 (275)
1PBS500	2	#6 - 500	5.00	1.62	2.62	3/8 (375)
1PL43	3	#14 - 4	1.59	1.25	1.25	1/8 (45)
1PL44	4	#14 - 4	2.03	1.25	1.25	1/8 (45)
1PL2/03	3	#14 - 2/0	2.19	1.31	1.38	3/16 (120)
1PL2503	3	#10 - 250	2.97	2.07	2.13	5/16 (275)
1PLD43	3	#14 - 4	1.59	1.50	1.25	1/8 (45)
1PLD44	4	#14 - 4	2.03	1.50	1.25	1/8 (45)
1PLD2/02	2	#14 - 2/0	1.52	1.56	1.25	3/16 (120)
1PLD2/03	3	#14 - 2/0	2.19	1.56	1.25	3/16 (120)
1PLD2/04	4	#14 - 2/0	2.86	1.56	1.25	3/16 (120)
1PLD2/06	6	#14 - 2/0	4.20	1.56	1.25	3/16 (120)
1PLD2502	2	#10 - 250	2.03	2.64	2.13	5/16 (275)
1PLD2503	3	#10 - 250	2.97	2.64	2.13	5/16 (275)
1PLD2504	4	#10 - 250	3.91	2.64	2.13	5/16 (275)
1PLD2506	6	#10 - 250	5.78	2.64	2.13	5/16 (275)
1PLD3502	2	#10 - 350	2.22	3.00	2.50	5/16 (375)
1PLD3503	3	#10 - 350	3.13	3.00	2.50	5/16 (375)
1PLD3504	4	#10 - 350	4.04	3.00	2.50	5/16 (375)
1PLD3506	6	#10 - 350	5.86	3.00	2.50	5/16 (375)
1PLD3508	8	#10 - 350	7.68	3.00	2.50	5/16 (375)
1PLD6002	2	#4 - 600	2.56	3.00	2.75	3/8 (375)
1PLD6003	3	#4 - 600	3.77	3.00	2.75	3/8 (375)
1PLD6004	4	#4 - 600	4.97	3.00	2.75	3/8 (375)
1PLD6005	5	#4 - 600	6.17	3.00	2.75	3/8 (375)
1PLD6006	6	#4 - 600	7.37	3.00	2.75	3/8 (375)
1PLD6008	8	#4 - 600	9.78	3.00	2.75	3/8 (375)

1PL = 2 Port Single Sided Entry
1PLO = 2 Port Offset Entry
1PBS = In-line Splice/Reducer

1PL = Multi-Port Single Sided Entry
1PLD = Multi-Port Double Sided Entry
UNITAP™ rated for code conductor only.

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Types **YAE-N-F BOX** & **YAE-N-F** **B-38**
Types **TP-F** & **BA-EF** **B-39**
Types **YAE-Z BOX** & **YAE-Z** **B-40**
Types **TP-Z** & **BA-EZ** **B-41**
Types **TP-LF** & **BA-EL** **B-42**
Type **Q-F** **B-43**
Type **QP-F** **B-43**
Type **QN-F** **B-44**
Type **QM** **B-44**
Type **QP-M** **B-45**
Type **QN-M** **B-45**
Types **PGP** & **PGN** **B-46**
Types **FQN-F** & **FQN-M** **B-47**
Type **FL** **B-48**
Uninsulated Splices **B-49**
Types **YSV**, **YSV-H** & **YSV-L** **B-49**
Type **YSV-L** **B-50**
Type **YSM** **B-51**
Type **YSCM** **B-52**
Types **YSES-K** **B-53**
Types **SP** & **BS** **B-54**
Insulated Splices **B-55**
Types **SN**, **YSE-HN** **B-55**
Types **SNM**, **YSE BOX**, **YSES**, **YSE-H BOX**, **YSE** & **YSE-H** **B-56**
Types **YSV** & **YRV-L** **B-57**
Types **YQE** & **RK** **B-58**

Blue highlighted items are industry standard and most frequently ordered.

Performance

The terminals and splices in this catalog are approved, per SAE-AS7928 and/or UL486, where indicated. Table 1 shows the performance requirements for terminals used in military and commercial equipment. The voltage drops listed are maximum allowable values taken at currents well above rated current for the wires. Tensile values assure that the wires will not become separated from the terminals under reasonably expected stresses. UL tensile values are chosen to reflect the severest expected duty. MIL Specification tensile values apply only to crimp terminations and reflect minimum values that are obtained in good crimp joints. Actual performance of BURNDY® terminals exceeds the requirements of Table 1. Typical values are shown in Figs. 1-5. For High Temperature application BURNDY® YAV series with nickel plating "-NK" suffix provide for continuous operation to 650° F and 750° F intermittent service.

Table 1

Performance Requirements — Terminals for Copper Wire					
	Per SAE-AS7928			Per UL486	
Wire Size	Test Current (Amps)	Maximum Voltage Drop (Mv.)	Minimum Tensile Strength (Lbs.)	Minimum Tensile Strength (Lbs.)	Test Current For Max. 50°C Rise (Amps)
26	3	8	7	—	—
24	4.5	8	10	—	—
22	9	7	15	8	—
20	11	6	19	13	—
18	16	5	38	20	—
16	22	7	50	30	—
14	32	6	70	50	15
12	41	5	110	70	20
10	55	5	150	80	30
8	73	5	225	90	50
6	101	5	300	100	65
4	135	5	400	140	85
2	181	5	550	180	115
1	211	5	650	200	130
0	245	5	700	250	150
00	283	5	750	300	175
000	320	5	825	350	200
0000	380	5	875	450	230

Fig 1. Tensile strength of YAD HYLUG™ after axial rotation stresses.

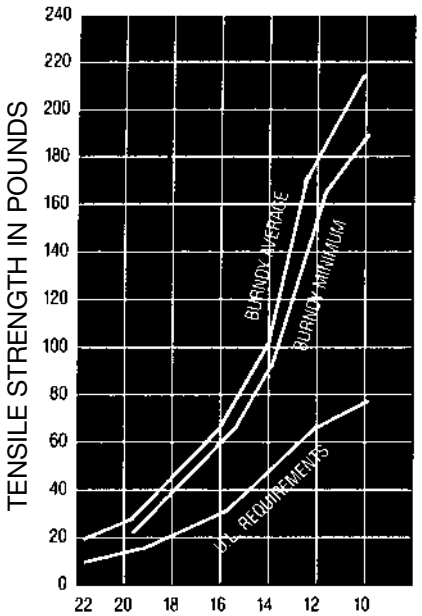
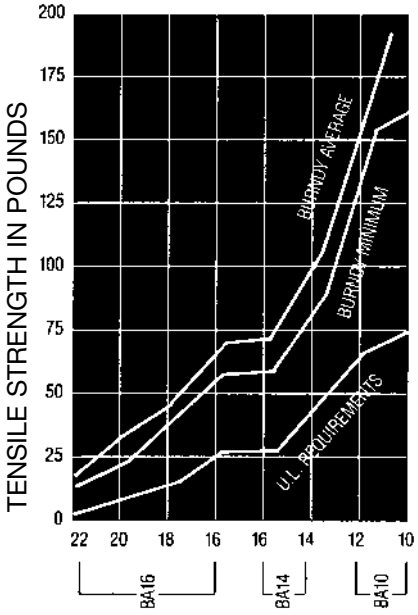


Fig 2. Tensile strength of BA VINYLUG™ after axial rotation stresses.



GENERAL INFORMATION

(Continued)

Fig 3. Tensile strength of YAES INSULUG™ after vibration.

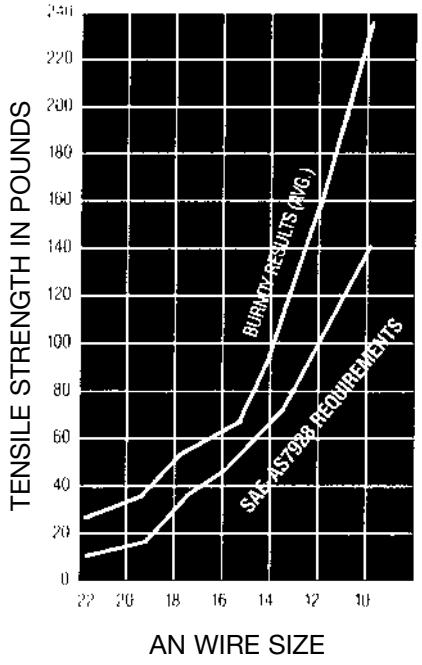


Fig 5. Voltage drops of YAES at currents per Table 1 after vibration.

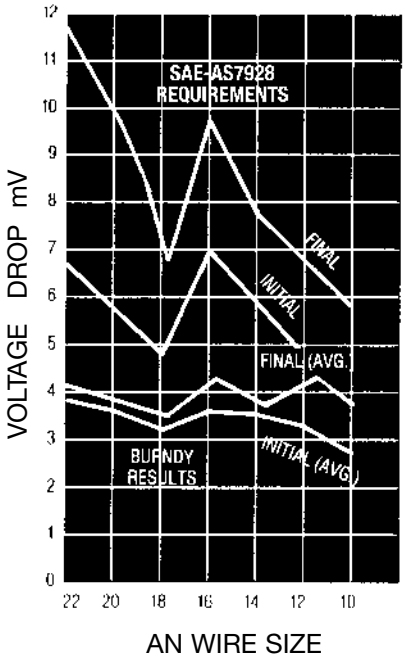
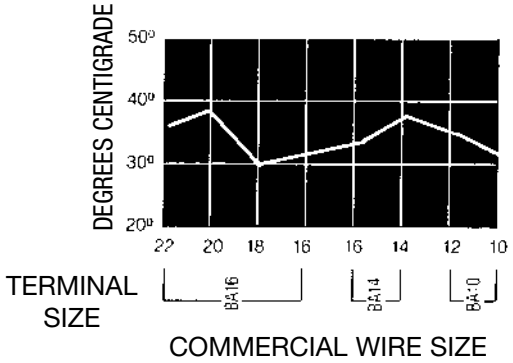


Fig 4. Temperature rise of BA VINYLUG™ at currents per Table 1.



Blue highlighted items are industry standard and most frequently ordered.

EQUIVALENT TABLES

MILITARY SPECIFICATIONS

Terminals

BURNDY® Equivalents to SAE-AS25036 in accordance with Specification SAE-AS7928

AS25036 Dash No.	Catalog Number	Class 1	Class 2	Cage Code*
101	YAES18-N1	X	X	1NJK8
	YAE18-G43		X	
102	YAES18-N2	X	X	1NJK8
	YAE18-N21		X	
103	YAES18-N3	X	X	1NJK8
	YAE18N		X	
104	YAES18-N4	X	X	1NJK8
	YAE18-N3		X	
105	YAES18-N5	X	X	1NJK8
	YAE18-N15		X	
106	YAES14-N6	X	X	1NJK8
	YAE14-N43		X	
107	YAES14-N7	X	X	1NJK8
108	YAES14-N8	X	X	1NJK8
	YAE14N		X	
109	YAES14-N9	X	X	1NJK8
	YAE14-N3		X	
110	YAES14-N10	X		1NJK8
	YAE14-N4		X	
111	YAES10-N11	X	X	1NJK8
	YAE10-N5		X	
112	YAES10-N12	X	X	1NJK8
	YAE10N		X	
113	YAES10-N13	X	X	1NJK8
	YAE10-N2		X	
114	YAES10-N14	X		1NJK8
	YAE10-N4		X	
115	YAEV8C-L	X	X	1NJK8
116	YAEV8C-L1	X		1NJK8
117	YAEV8C-L2	X		1NJK8
118	YAEV8C-L3	X		1NJK8
119	YAEV6C-L1M	X	X	1NJK8
120	YAEV6C-LM	X		1NJK8
121	YAEV6C-L4M	X		1NJK8
122	YAEV6C-L2M	X		1NJK8
123	YAEV4C-L	X		1NJK8
124	YAEV4C-L4	X		1NJK8
125	YAEV4C-L2	X	X	1NJK8
126	YAEV2C-L1	X	X	1NJK8
127	YAEV2C-L	X		1NJK8
128	YAEV2C-L4	X	X	1NJK8
129	YAEV1C-L1	X		1NJK8
130	YAEV1C-L	X	X	1NJK8
131	YAEV1C-L3	X		1NJK8
132	YAEV25-L1	X		1NJK8
133	YAEV25-L	X	X	1NJK8
134	YAEV25-L3	X		1NJK8
135	YAEV26-L2	X		1NJK8
136	YAEV26-L	X		1NJK8
137	YAEV26-L3	X		1NJK8
143	YAE22-G18		X	1NJK8
144	YAE22-G16		X	1NJK8
145	YAE22-G13		X	1NJK8
146	YAE22-G14		X	1NJK8
147	YAE22-G15		X	1NJK8
148	YAES18-N48	X	X	1NJK8
	YAE18-N17		X	
149	YAES18-N49	X	X	1NJK8
	YAE18N1		X	
150	YAES18-N50	X	X	1NJK8
	YAE18-N2		X	
152	YAES14-N52	X	X	1NJK8
153	YAES14-N53	X	X	1NJK8
	YAE14-N1		X	
154	YAES14-N54	X	X	1NJK8
	YAE14-N2		X	
155	YAES14-N54	X	X	1NJK8
156	YAES10-N56	X	X	1NJK8
	YAE10-N11		X	
157	YAES10-N57	X	X	1NJK8
	YAE10-N3		X	
158	YAES10-N58	X	X	1NJK8

Terminals

BURNDY® Equivalents to SAE-AS20659 in accordance with Specification SAE-AS7928

AS20659 Dash No.	Catalog Number	Class 1	Class 2	Cage Code*
105	YAV10	X	X	1NJK8
106	YAV10-T2	X	X	1NJK8
107	YAV8C-L	X		1NJK8
108	YAV8C-L2	X		1NJK8
109	YAV6C-L	X	X	1NJK8
110	YAV6C-L2	X		1NJK8
111	YAV4C-L	X	X	1NJK8
112	YAV4C-L2	X		1NJK8
113	YAV2C-L1	X		1NJK8
114	YAV2C-L	X		1NJK8
115	YAV1C-L1	X	X	1NJK8
116	YAV1C-L	X		1NJK8
117	YAV25-L1	X		1NJK8
118	YAV25-L	X	X	1NJK8
119	YAV26-L2	X		1NJK8
120	YAV26-L	X		1NJK8
121	YAV27-L	X	X	1NJK8
122	YAV27-L1	X		1NJK8
123	YAV28-L	X		1NJK8
124	YAV28-L12	X	X	1NJK8
128	YAV10-T4	X	X	1NJK8
129	YAV8C-L3	X		1NJK8
130	YAV6C-L1	X		1NJK8
131	YAV6C-L4	X		1NJK8
132	YAV4C-L4	X		1NJK8
133	YAV2C-L4	X		1NJK8
134	YAV1C-L3	X		1NJK8
135	YAV25-L3	X		1NJK8
136	YAV26-L3	X	X	1NJK8
137	YAV28-L54	X		1NJK8
140	YAV8C-L14	X		1NJK8
141	YAV8C-L1	X	X	1NJK8
142	YAV8C-L4	X		1NJK8
143	YAV6C-L10	X		1NJK8
144	YAV4C-L3	X		1NJK8
145	YAV4C-L5	X		1NJK8
146	YAV2C-L3	X		1NJK8
147	YAV2C-L2	X	X	1NJK8
148	YAV2C-L11	X		1NJK8
149	YAV1C-L2	X		1NJK8
150	YAV1C-L4	X		1NJK8
151	YAV25-L2	X		1NJK8
152	YAV25-L16	X		1NJK8
153	YAV26-L1	X		1NJK8
154	YAV26-L16	X		1NJK8
155	YAV27-L20	X		1NJK8
156	YAV27-L18	X		1NJK8
157	YAV28-L56	X		1NJK8
158	YAV28-L60	X		1NJK8
159	YAV28-L13	X		1NJK8
160	YAV28-L14	X		1NJK8
165	YAV10-T7	X	X	1NJK8

* Main Office Cage Code Number

Notes:

For factory cage code numbers, please contact your local BURNDY® Sales Representative or the Headquarters phone number below.

SAE stands for the Society of Automotive Engineering, which has replaced the Military Specifications.

Blue highlighted items are industry standard and most frequently ordered.

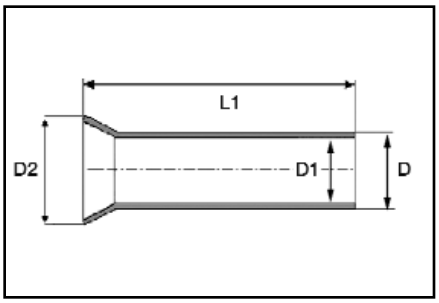
TYPE YF

BARE FERRULES

For Use On Copper Conductor

Wire ferrules are also known as cord end terminals or bootlace ferrules. These are electrical connectors used to terminate stranded wires. These terminals are made of electrolytically tin plated copper, uninsulated ferrules are designed to form neat end terminations to multi-strand cables or wires. Smooth funnel entry assists in wire insertion. Specifically designed to aid in termination of extra flexible fine stranded conductor, provides enhanced flexibility relating to wire termination and management. A positive contact surface helps ensure system integrity.





Features and Benefits

- Made of electrolytic copper, tin plated
- Seamless barrels
- Smooth funnel entry to make wire insertion easier
- RoHS compliant

Catalog Number	Wire Size		Dimensions in Inches				Bag Qty.	Recommended Tooling
	AWG	mm²	L1	D	D1	D2		
YF2807UI	28	.14	.276	.035	.027	.063	1000	YF3206T00L
YF2605UI	26	.25	.196	.043	.031	.059	1000	YF3206T00L YF2610T00L
YF2607UI	26	.25	.276	.043	.031	.059	1000	
YF2405UI	24	.34	.196	.047	.031	.059	1000	
YF2407UI	24	.34	.276	.047	.031	.059	1000	
YF2206UI	22	.50	.236	.051	.039	.059	1000	YF3206T00L YF2610T00L YF2214T00L YF2210T00L
YF2208UI	22	.50	.315	.051	.039	.067	1000	
YF2210UI	22	.50	.394	.051	.039	.067	1000	
YF2212UI	22	.50	.472	.051	.039	.067	1000	
YF2006UI	20	.75	.236	.059	.047	.067	1000	
YF2010UI	20	.75	.394	.059	.047	.075	1000	
YF2012UI	20	.75	.472	.059	.047	.075	1000	
YF1806UI	18	1.00	.236	.067	.055	.075	1000	
YF1808UI	18	1.00	.315	.067	.055	.087	1000	
YF1810UI	18	1.00	.394	.067	.055	.087	1000	
YF1812UI	18	1.00	.472	.067	.055	.087	1000	
YF1607UI	16	1.50	.276	.079	.067	.087	1000	
YF1608UI	16	1.50	.315	.079	.067	.098	1000	
YF1610UI	16	1.50	.394	.079	.067	.098	1000	
YF1612UI	16	1.50	.472	.079	.067	.098	1000	
YF1618UI	16	1.50	.709	.079	.067	.098	1000	
YF1407UI	14	2.50	.276	.102	.091	.130	1000	
YF1408UI	14	2.50	.315	.102	.091	.130	1000	
YF1410UI	14	2.50	.394	.102	.091	.130	1000	
YF1412UI	14	2.50	.472	.102	.091	.130	1000	
YF1418UI	14	2.50	.709	.102	.091	.130	1000	
YF1209UI	12	4.00	.354	.126	.110	.154	1000	YF3206T00L YF2610T00L YF2210T00L
YF1212UI	12	4.00	.472	.126	.110	.154	1000	
YF1215UI	12	4.00	.591	.126	.110	.154	1000	
YF1218UI	12	4.00	.709	.126	.110	.154	1000	
YF1010UI	10	6.00	.394	.154	.138	.185	250	YF3206T00L YF2610T00L YF2210T00L YF1006T00L
YF1012UI	10	6.00	.472	.154	.138	.185	250	
YF1015UI	10	6.00	.591	.154	.138	.185	250	
YF1018UI	10	6.00	.709	.154	.138	.185	250	
YF0812UI	8	10.00	.472	.193	.177	.228	250	YF3206T00L YF1006T00L YF0801T00L
YF0815UI	8	10.00	.591	.193	.177	.228	250	
YF0818UI	8	10.00	.709	.193	.177	.228	250	
YF0612UI	6	16.00	.472	.244	.228	.283	250	
YF0615UI	6	16.00	.591	.244	.228	.283	250	
YF0618UI	6	16.00	.709	.244	.228	.283	250	
YF0625UI	6	16.00	.984	.244	.228	.283	250	

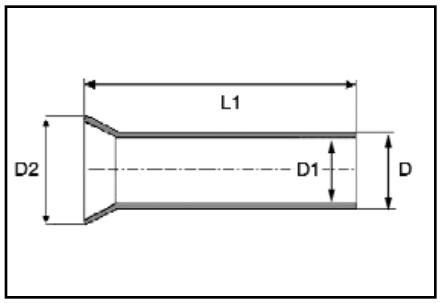
Blue highlighted items are industry standard and most frequently ordered.

TYPE YF (Continued)

BARE FERRULES

For Use On Copper Conductor





Catalog Number	Wire Size		Dimensions in Inches				Bag Qty.	Recommended Tooling
	AWG	mm²	L1	D	D1	D2		
YF0412UI	4	25.00	.472	.311	.295	.358	100	YF0801TOOL YF0401TOOL
YF0415UI	4	25.00	.591	.311	.295	.358	100	
YF0418UI	4	25.00	.709	.311	.295	.358	100	
YF0420UI	4	25.00	.787	.311	.295	.358	100	
YF0425UI	4	25.00	.984	.311	.295	.358	100	
YF0432UI	4	25.00	1.260	.311	.295	.358	100	
YF0215UI	2	35.00	.591	.343	.327	.402	100	
YF0220UI	2	35.00	.787	.343	.327	.402	100	
YF0225UI	2	35.00	.984	.343	.327	.402	100	
YF0232UI	2	35.00	1.260	.343	.327	.402	100	
YF0122UI	1	50.00	.866	.429	.406	.500	50	
YF0125UI	1	50.00	.984	.429	.406	.500	50	
YF0132UI	1	50.00	1.260	.429	.406	.500	50	
YF2/022UI	2/0	70.00	.866	.563	.531	.622	50	
YF2/025UI	2/0	70.00	.984	.563	.531	.622	50	
YF2/032UI	2/0	70.00	1.260	.563	.531	.622	50	YF1/03/0TOOL
YF3/025UI	3/0	95.00	.984	.614	.583	.681	50	
YF3/030UI	3/0	95.00	1.180	.614	.583	.681	50	
YF3/032UI	3/0	95.00	1.260	.614	.583	.681	50	
YF4/032UI	4/0	120.00	1.260	.697	.657	.795	25	
YF4/034UI	4/0	120.00	1.390	.697	.657	.795	25	
YF4/040UI	4/0	120.00	1.570	.697	.657	.795	25	YF4/0250TOOL
YF25032UI	250	150.00	1.260	.811	.722	.906	25	
YF25040UI	250	150.00	1.570	.811	.722	.906	25	
YF35032UI	350	185.00	1.260	.843	.795	.941	25	Y644HSXT
YF35040UI	350	185.00	1.570	.843	.795	.941	25	

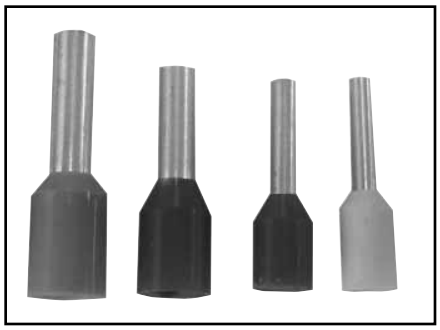
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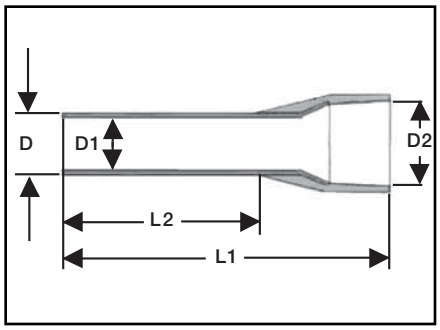
TYPE YF-I FERRULES

INSULATED FERRULES

For Use On Copper Conductor
Offered in Series D, T & W

Ferrules are electrical connectors used to terminate stranded wires, creating a quality, reliable connection by ensuring each wire strand conducts current when properly crimped. Especially useful when multiple reconnections could be necessary within terminal blocks or other similar devices. No breakage of wire strands when wire is bent, under stress or in a vibration environment. Twin ferrule designs allow two individual stranded conductors to be connected to the same termination, most beneficial in jumpering or other similar applications. Both styles (single and twin) offer the same features and benefits. The YF-TOOL series has been designed to crimp both the bare (type YF-UI) and insulated (type YF-I) ferrules.





Features & Benefits

- Made of electrolytic copper, tin plated
- Smooth funnel entry to make wire insertion easier
- Secure contacting even after multiple reconnections
- Long-term contact resistance
- No fraying of strands
- No breakage of wire strands when wire is bent, under stress or in vibration environment
- RoHS compliant

Catalog Number*	Wire Size		Dimensions in Inches					Bag Qty.	Tooling
	AWG	mm²	L1 (in.)	L2 (in.)	D (in.)	D1 (in.)	D2 (in.)		
YF2806I_	28	.14	.409	.236	.037	.031	.043	500	YF3206T00L
YF2808I_	28	.14	.488	.315	.037	.031	.043	500	
YF2606I_	26	.25	.409	.236	.043	.031	.075	500	YF3206T00L YF2610T00L
YF2608I_	26	.25	.488	.315	.043	.031	.075	500	
YF2406I_	24	.34	.409	.236	.043	.031	.075	500	
YF2408I_	24	.34	.488	.315	.043	.031	.075	500	
YF2205I_	22	.50	.433	.197	.051	.039	.102	500	YF3206T00L YF2610T00L YF2214T00L YF2210T00L
YF2206I_	22	.50	.472	.236	.051	.039	.102	500	
YF2208I_	22	.50	.551	.315	.051	.039	.102	500	
YF2210I_	22	.50	.630	.394	.051	.039	.102	500	
YF2212I_	22	.50	.709	.472	.051	.039	.102	500	
YF2006I_	20	.75	.472	.236	.059	.047	.110	500	
YF2008I_	20	.75	.551	.315	.059	.047	.110	500	
YF2010I_	20	.75	.630	.394	.059	.047	.110	500	
YF2012I_	20	.75	.709	.472	.059	.047	.110	500	
YF2018I_	20	.75	.957	.709	.059	.047	.110	500	
YF1806I_	18	1.00	.472	.236	.067	.055	.118	500	
YF1808I_	18	1.00	.551	.315	.067	.055	.118	500	
YF1810I_	18	1.00	.630	.394	.067	.055	.118	500	
YF1812I_	18	1.00	.709	.472	.067	.055	.118	500	
YF1818I_	18	1.00	.957	.709	.067	.055	.118	500	
YF1606I_	16	1.50	.484	.236	.079	.067	.138	500	
YF1608I_	16	1.50	.551	.315	.079	.067	.138	500	
YF1610I_	16	1.50	.630	.394	.079	.067	.138	500	
YF1612I_	16	1.50	.709	.472	.079	.067	.138	500	
YF1615I_	16	1.50	.839	.591	.079	.067	.138	500	
YF1618I_	16	1.50	.945	.709	.079	.067	.138	500	
YF1408I_	14	2.50	.591	.315	.098	.087	.165	500	
YF1410I_	14	2.50	.685	.394	.098	.087	.165	500	
YF1412I_	14	2.50	.709	.472	.098	.087	.165	500	
YF1418I_	14	2.50	.945	.709	.098	.087	.165	500	
YF1425I_	14	2.50	.984	.709	.098	.087	.165	500	

* Insert series letter for complete catalog number:
(example: YF2806IW).

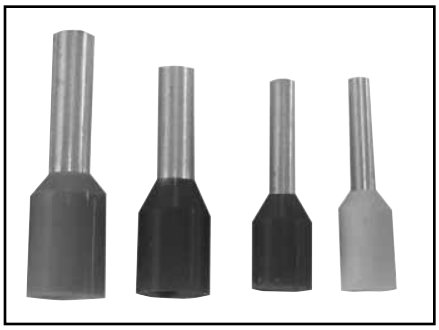
Blue highlighted items are industry standard and most frequently ordered.

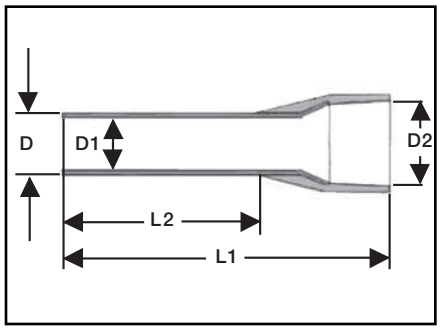
TYPE YF-I FERRULES

(Continued)

INSULATED FERRULES

For Use On Copper Conductor
Offered in Series D, T & W





Catalog Number*	Wire Size		Dimensions in Inches					Bag Qty.	Tooling
	AWG	mm²	L1 (in.)	L2 (in.)	D (in.)	D1 (in.)	D2 (in.)		
YF1209I_	12	4.00	.646	.315	.126	.110	.189	500	YF3206TOOL YF2610TOOL YF2210TOOL
YF1210I_	12	4.00	.699	.394	.126	.110	.189	500	
YF1212I_	12	4.00	.787	.472	.126	.110	.189	500	
YF1218I_	12	4.00	1.020	.709	.126	.110	.189	500	
YF1010I_	10	6.00	.728	.394	.154	.138	.248	100	YF3206TOOL YF2610TOOL YF2210TOOL YF1006TOOL
YF1012I_	10	6.00	.787	.472	.154	.138	.248	100	
YF1018I_	10	6.00	1.020	.709	.154	.138	.138	100	
YF0812I_	8	10.00	.866	.472	.193	.177	.299	100	YF3206TOOL YF1006TOOL YF0801TOOL
YF0815I_	8	10.00	.929	.591	.193	.177	.299	100	
YF0818I_	8	10.00	1.10	.709	.193	.177	.299	100	
YF0612I_	6	16.00	.945	.472	.244	.228	.346	100	
YF0618I_	6	16.00	1.10	.709	.244	.228	.346	100	
YF0412I_	4	25.00	.945	.472	.303	.287	.441	100	YF0801TOOL YF0401TOOL
YF0415I_	4	25.00	1.06	.591	.303	.287	.441	100	
YF0416I_	4	25.00	1.10	.630	.303	.287	.441	100	
YF0418I_	4	25.00	1.18	.709	.303	.287	.441	100	
YF0422I_	4	25.00	1.42	.866	.303	.287	.441	100	
YF0425I_	4	25.00	1.45	.984	.303	.287	.441	100	
YF0216I_	2	35.00	1.18	.630	.343	.327	.500	100	
YF0218I_	2	35.00	1.26	.709	.343	.327	.500	100	
YF0222I_	2	35	1.15	.709	.343	.327	.50	100	
YF0225I_	2	35	1.53	.984	.343	.327	.50	100	
YF0112I_	1	50	1.10	.472	.429	.406	.591	50	
YF0116I_	1	50	1.26	.630	.429	.406	.591	50	
YF0120I_	1	50	1.417	.787	.429	.406	.591	50	
YF0122I_	1	50	1.50	.866	.429	.406	.591	50	
YF0125I_	1	50	1.58	.984	.429	.406	.591	50	
YF0130I_	1	50	1.81	1.18	.429	.406	.591	50	
YF2/020ID	2/0	70	1.48	.787	.563	.531	.631	25	YF1/03/0TOOL
YF2/025ID	2/0	70	1.654	.984	.563	.531	.631	25	
YF2/027ID	2/0	70	1.73	1.06	.563	.531	.631	25	
YF3/025ID	3/0	95	1.73	.984	.614	.583	.725	25	
YF3/030ID	3/0	95	1.95	1.18	.614	.583	.725	25	
YF4/027ID	4/0	120	1.87	1.06	.697	.657	.799	25	YF4/0250TOOL
YF4/030ID	4/0	120	2.09	1.18	.697	.657	.799	25	
YF4/032ID	4/0	120	2.07	1.26	.697	.657	.799	25	
YF4/034ID	4/0	120	2.15	1.34	.697	.657	.799	25	
YF25025ID	250	150	1.99	.984	.811	.772	.921	25	
YF25027ID	250	150	2.07	1.06	.811	.772	.921	25	
YF25032ID	250	150	2.27	1.26	.811	.772	.921	25	
YF25038ID	250	150	2.50	1.50	.811	.772	.921	25	

* Insert series letter for complete Catalog Number:
(example: YF2806IW).
** Note that 2/0 size and above only available in D Series.

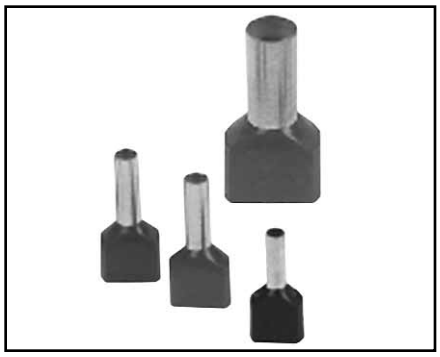
Blue highlighted items are industry standard and most frequently ordered.

TYPES YF, YF-I FERRULES

INSULATED TWIN FERRULES

For Use On Copper Conductor

Ferrules are electrical connectors used to terminate stranded wires, creating a quality, reliable connection by ensuring each wire strand conducts current when properly crimped. Especially useful when multiple reconnections could be necessary within terminal blocks or other similar devices. No breakage of wire strands when wire is bent, under stress or in a vibration environment. Twin ferrule designs allow two individual stranded conductors to be connected to the same termination, most beneficial in jumpering or other similiar applications. Both styles (single and twin) offer the same features and benefits. The YF-TOOL series has been designed to crimp both the bare (type YF) and insulated (type YF-I) ferrules.



Features & Benefits

- Made of electrolytic copper, tin plated
- Smooth funnel entry to make wire insertion easier
- Secure contacting even after multiple reconnections
- Long-term contact resistance
- No fraying of strands
- No breakage of wire strands when wire is bent, under stress or in vibration environment
- RoHS compliant

Catalog Number*	Wire Size		Dimensions in Inches				Bag Qty.	Tooling
	AWG	mm²	L1 (in.)	D (in.)	D1 (in.)	D2 (in.)		
YFTW0614_	6	16.00	1.230″	0.343″	0.327″	0.748″	100	YF2210T00L
YFTW0814_	8	10.00	1.050″	0.272″	0.256″	0.496″	100	
YFTW1014_	10	6.00	1.030″	0.209″	0.193″	0.374″	100	
YFTW1212_	12	4.00	0.909″	0.165″	0.150″	0.346″	100	
YFTW1410_	14	2.5	0.728″	0.130″	0.114″	0.315″	500	
YFTW1413_	14	2.5	0.846″	0.130″	0.114″	0.315″	500	
YFTW1608_	16	1.5	0.610″	0.102″	0.091″	0.252″	500	
YFTW1612_	16	1.5	0.768″	0.102″	0.091″	0.252″	500	
YFTW1808_	18	1.00	0.594″	0.094″	0.083″	0.217″	500	
YFTW1810_	18	1.00	0.673″	0.094″	0.083″	0.217″	500	
YFTW2008_	20	.75	0.579″	0.083″	0.071″	0.217″	500	
YFTW2010_	20	.75	0.657″	0.083″	0.071″	0.217″	500	
YFTW2208_	22	.50	0.571″	0.071″	0.059″	0.197″	500	

* Insert series number after Catalog Number (example: YFTW0614W is the W series).

Blue highlighted items are industry standard and most frequently ordered.

TYPE YHS

HYDENT™ HEAT SHRINK RING AND FORK TONGUE TERMINALS

For Use On Copper Conductor

Features and Benefits

- Made from pure copper, annealed for maximum strength
- Color-coded, imprinted with wire size
- Serrated barrels offer maximum wire contact and tensile strength
- Electro tin plated for corrosion resistance
- Wire Strip Length 5/16″





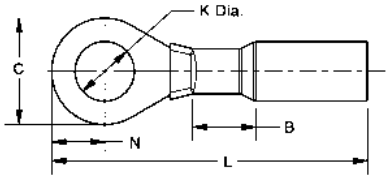


Figure 2

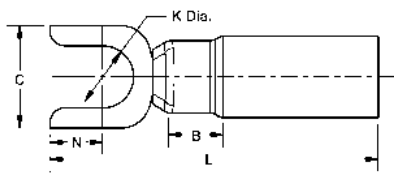


Figure 3

Catalog No. (100/bag)	Catalog No. (20/bag)	Fig. No.	Stud Size	Conductor Size	Tongue Type	Dimensions					Tongue Thickness
						B	C	K	L	N	
YHSA18K6	**YHSA18K6RK**	2	#6	22 - 18 AWG	Ring	0.22″	0.29″	0.14″	1.18″	0.14″	0.03″
YHSA18K8	**YHSA18K8RK**	2	#8	22 - 18 AWG	Ring	0.22″	0.32″	0.17″	1.18″	0.17″	0.03″
YHSA18K10	**YHSA18K10RK**	2	#10	22 - 18 AWG	Ring	0.22″	0.32″	0.20″	1.18″	0.33″	0.03″
YHSA18K14	**YHSA18K14RK**	2	1/4	22 - 18 AWG	Ring	0.22″	0.47″	0.27″	1.40″	0.38″	0.03″
YHSA18K38	**YHSA18K38RK**	2	3/8	22 - 18 AWG	Ring	0.22″	0.56″	0.40″	1.45″	0.28″	0.03″
YHSA14K8	**YHSA14K8RK**	2	#8	16 - 14 AWG	Ring	0.22″	0.32″	0.17″	1.18″	0.16″	0.03″
YHSA14K10	**YHSA14K10RK**	2	#10	16 - 14 AWG	Ring	0.22″	0.32″	0.20″	1.18″	0.17″	0.03″
YHSA14K14	**YHSA14K14RK**	2	1/4	16 - 14 AWG	Ring	0.22″	0.47″	0.26″	1.40″	0.23″	0.03″
YHSA14K38	**YHSA14K38RK**	2	3/8	16 - 14 AWG	Ring	0.22″	0.56″	0.40″	1.45″	0.28″	0.03″
YHSA10K10	**YHSA10K10RK**	2	#10	12 - 10 AWG	Ring	0.22″	0.34″	0.20″	1.15″	0.18″	0.04″
YHSA10K14	**YHSA10K14RK**	2	1/4	12 - 10 AWG	Ring	0.22″	0.56″	0.26″	1.45″	0.15″	0.04″
YHSA10K38	**YHSA10K38RK**	2	3/8	12 - 10 AWG	Ring	0.22″	0.56″	0.40″	1.45″	0.28″	0.04″
YHSA10K12	**YHSA10K12RK**	2	1/2	12 - 10 AWG	Ring	0.22″	0.69″	0.53″	1.69″	0.36″	0.04″
YHSA18K10F	**YHSA18K10FRK**	3	#10	22 - 18 AWG	Fork	0.22″	0.31″	0.20″	1.18″	0.27″	0.03″
YHSA14K10F	**YHSA14K10FRK**	3	#10	16 - 14 AWG	Fork	0.22″	0.34″	0.21″	1.17″	0.27″	0.03″
YHSA10K10F	**YHSA10K10FRK**	3	#10	12 - 10 AWG	Fork	0.22″	0.37″	0.21″	1.16″	0.27″	0.04″

Recommended Tooling MR22.

Blue highlighted items are industry standard and most frequently ordered.

TYPE YHS

HYDENT™ HEAT SHRINK BUTT SPLICES AND QUICK DISCONNECTS

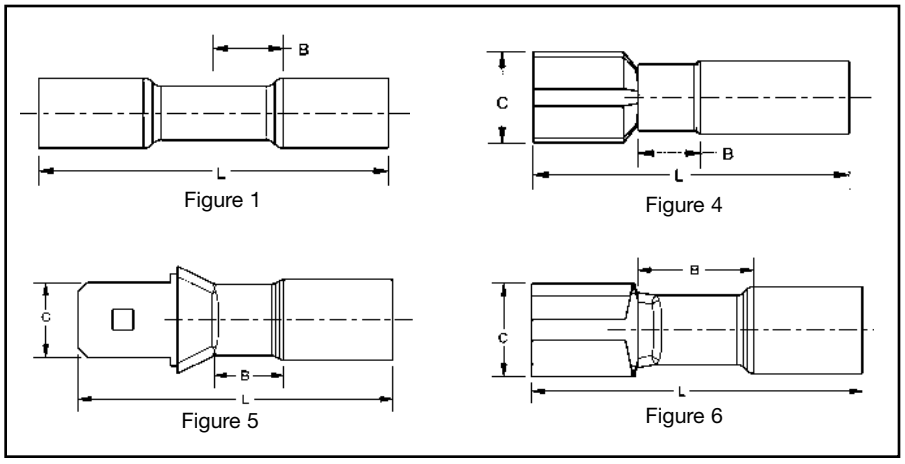
For Use On Copper Conductor

Features and Benefits

- Made from pure copper, annealed for maximum strength
- Color-coded, imprinted with wire size
- Serrated barrels offer maximum wire contact and tensile strength
- Electro tin plated for corrosion resistance
- Wire strip length 5/16″







Catalog No. (100/bag)	Catalog No. (20/bag)	Fig. No.	Conductor Size	Connector Type	Dimensions		
					B	C	L
YHSS18	**YHSS18RK**	1	22 - 18 AWG	Butt Splice	0.25″	—	1.50″
YHSS14	**YHSS14RK**	1	16 - 14 AWG	Butt Splice	0.25″	—	1.50″
YHSS10	**YHSS10RK**	1	12 - 10 AWG	Butt Splice	0.25″	—	1.60″
YHSQ18F25X03	**YHSQ18F25X03RK**	4	22 - 18 AWG	Female Quick Disconnect	0.22″	0.30″	1.27″
YHSQ18M25X03	**YHSQ18M25X03RK**	5	22 - 18 AWG	Male Quick Disconnect	0.22″	0.25″	1.25″
YHSQ14F25X03	**YHSQ14F25X03RK**	4	16 - 14 AWG	Female Quick Disconnect	0.22″	0.30″	1.27″
YHSQ14M25X03	**YHSQ14M25X03RK**	5	16 - 14 AWG	Male Quick Disconnect	0.22″	0.25″	1.25″
YHSQ10F25X03	**YHSQ10F25X03RK**	4	12 - 10 AWG	Female Quick Disconnect	0.22″	0.30″	1.27″
YHSQ10M25X03	**YHSQ10M25X03RK**	5	12 - 10 AWG	Male Quick Disconnect	0.22″	0.25″	1.19″
YHSFQ18F25X03	**YHSFQ18F25X03RK**	6	22 - 18 AWG	Fully Insulated Female Quick Disconnect	0.22″	0.38″	1.28″
YHSFQ14F25X03	**YHSFQ14F25X03RK**	6	16 - 14 AWG	Fully Insulated Female Quick Disconnect	0.22″	0.38″	1.28″
YHSFQ10F25X03	**YHSFQ10F25X03RK**	6	12 - 10 AWG	Fully Insulated Female Quick Disconnect	0.22″	0.38″	1.34″

Recommended Tooling MR22.

Blue highlighted items are industry standard and most frequently ordered.

TYPE HSSHRACK

HYDENT™ HEAT SHRINK FULLY LOADED RACK

For Use On Copper Conductor

Standard crimp terminals leave the wire exposed allowing in moisture or other contaminants which can result in corrosion. Corrosion reduces the amount of current the wire can carry safely. The integrity of the electrical system can be compromised when unsealed electrical connections are utilized. Heat shrink terminals provide a durable seal blocking out contaminants ensuring a better connection.



Features and Benefits

- Made from pure copper, annealed for maximum strength
- Color-coded, imprinted with wire size
- Serrated barrels offer maximum wire contact and tensile strength
- Electro tin plated for corrosion resistance
- Wire strip length 5/16″

List of Items Included in HSSHRACK				
Quantity of Bags included in rack (20 pieces per bag)	**Catalog Number**	**Stud Size**	**Conductor Size**	**Description**
5	**YHSS18RK**	—	22 - 18 AWG	Butt Splice
5	**YHSS14RK**	—	16 - 14 AWG	Butt Splice
5	**YHSS10RK**	—	12 - 10 AWG	Butt Splice
5	**YHSA18K10RK**	#10	22 - 18 AWG	Ring Tongue Terminal
5	**YHSA14K10RK**	#10	16 - 14 AWG	Ring Tongue Terminal
5	**YHSA10K10RK**	#10	12 - 10 AWG	Ring Tongue Terminal
5	**YHSA18K10FRK**	#10	22 - 18 AWG	Fork Tongue Terminal
5	**YHSA14K10FRK**	#10	16 - 14 AWG	Fork Tongue Terminal
5	**YHSA10K10FRK**	#10	12 - 10 AWG	Fork Tongue Terminal
5	**YHSFQ18F25X03RK**	—	22 - 18 AWG	Fully Insulated Female Quick Disconnect
5	**YHSFQ14F25X03RK**	—	16 - 14 AWG	Fully Insulated Female Quick Disconnect
5	**YHSFQ10F25X03RK**	—	12 - 10 AWG	Fully Insulated Female Quick Disconnect
—	—	—	—	Durable Cardboard Rack Display

Recommended Tooling MR22.

Blue highlighted items are industry standard and most frequently ordered.

TYPE HSKIT

HYDENT™ HEAT SHRINK CONNECTORS AND INSTALLATION TOOL

For Use On Copper Conductor

Standard crimp terminals leave the wire exposed allowing in moisture or other contaminants which can result in corrosion. Heat shrink terminals provide a durable seal, blocking out contaminants, ensuring a better connection.

Features and Benefits

- Made from pure copper, annealed for maximum strength
- Color-coded, imprinted with wire size
- Serrated barrels offer maximum wire contact and tensile strength
- Electro tin plated for corrosion resistance
- Wire strip length 5/16″



List of Items Included in HSKIT							
Quantity of Pieces included in kit	Description	Conductor Size	Stud Size	Quantity of Pieces included in kit	Description	Conductor Size	Stud Size
50	Butt Splice	22 - 18 AWG	—	10	Fork Terminal	22 - 18 AWG	#6
50	Butt Splice	16 - 14 AWG	—	10	Fork Terminal	22 - 18 AWG	#8
30	Butt Splice	12 - 10 AWG	—	10	Fork Terminal	22 - 18 AWG	#10
15	Butt Splice	#8 AWG	—	10	Fork Terminal	16 - 14 AWG	#6
10	Ring Terminal	22 - 18 AWG	#6	10	Fork Terminal	16 - 14 AWG	#8
10	Ring Terminal	22 - 18 AWG	#8	10	Fork Terminal	16 - 14 AWG	#10
10	Ring Terminal	22 - 18 AWG	#10	10	Fork Terminal	12 - 10 AWG	#6
10	Ring Terminal	22 - 18 AWG	5/16”	10	Fork Terminal	12 - 10 AWG	#8
10	Ring Terminal	22 - 18 AWG	1/4”	10	Fork Terminal	12 - 10 AWG	#10
10	Ring Terminal	22 - 18 AWG	3/8”	15	Fork Terminal	#8 AWG	3/8”
10	Ring Terminal	16 - 14 AWG	#8	50 (25 ea)	Male & Female Quick Disc.	22 - 18 AWG	—
10	Ring Terminal	16 - 14 AWG	#10	50 (25 ea)	Male & Female Quick Disc.	16 - 14 AWG	—
10	Ring Terminal	16 - 14 AWG	5/16”	50 (25 ea)	Male & Female Quick Disc.	12 - 10 AWG	—
10	Ring Terminal	16 - 14 AWG	1/4”	30 (15 ea)	Male & Female Bullet	16 - 14 AWG	—
10	Ring Terminal	16 - 14 AWG	3/8”	20 (10 ea)	Male & Female Ins. Quick Disc.	22 - 18 AWG	—
10	Ring Terminal	16 - 14 AWG	#6	20 (10 ea)	Male & Female Ins. Quick Disc.	16 - 14 AWG	—
10	Ring Terminal	12 - 10 AWG	#8	20 (10 ea)	Male & Female Ins. Quick Disc.	12 - 10 AWG	—
10	Ring Terminal	12 - 10 AWG	#10	10	Step Down Butt Splice	16 - 14 to 22 - 18 AWG	—
10	Ring Terminal	12 - 10 AWG	5/16”	10	Step Down Butt Splice	12 - 10 to 16 - 14 AWG	—
10	Ring Terminal	12 - 10 AWG	1/4”	1	Ratchet Crimp Tool	—	—
10	Ring Terminal	12 - 10 AWG	3/8”	1	Metal Case with Dividers	—	—
15	Ring Terminal	#8 AWG	#10				

Blue highlighted items are industry standard and most frequently ordered.

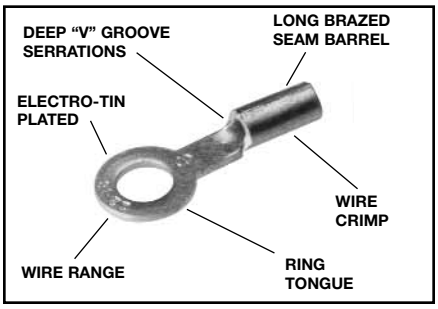
TYPES T AND YAD

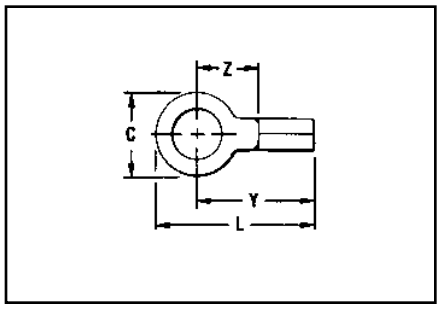
HYLUG™

Uninsulated Compression Terminal, Ring Tongue

The Type T uninsulated terminals are constructed of pure electrolytic copper. Designed with a long brazed seam barrel, standard neck, deep V groove inner serrations and electro-tin plated. The terminals are ideal for control wiring and other standard duty applications.

The ring tongue provides a secure termination under the screw head that cannot be removed without the complete removal of the screw. Two or more terminals can easily be stacked on a common stud.





Features and Benefits

- Constructed of pure electrolytic copper.
  - ◇ Provides maximum conductivity, low resistance and ductility for excellent crimp forming properties.
- Long brazed seam barrel and deep V groove inner serrations.
  - ◇ Provides optimum conductivity reliability and holding power after crimping.
- Electro-tin plated.
  - ◇ Provides durable long-lasting corrosion resistance.
- Wire range is clearly marked on terminal.
  - ◇ Provides easy identification.
- Inspection hole.
  - ◇ Provides an easy visual check of wire insertion.
- Long neck terminal.
  - ◇ Permits easy bending and stacking of several terminals on a common stud.

Catalog Number	Wire Range	Stud Size	Dimensions				Bulk Catalog Number*	Installation Tooling	Tape Mounted Catalog Number 2000/Reel	Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Min.					
T18-4	22-18	3, 4	.25	.65	.53	.24	**YAD18-4**	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8G98, Y8MRB-1, MR20	**YAD18-4M**	TFM with DFM6D1 Die	9/32″
T18-6		4-6	.25	.65	.53	.24	**YAD18-6**		**YAD18-6M**		
T18-8		6-8	.31	.77	.61	.33	**YAD18-8**		**YAD18-8M**		
T18-10		8-10	.31	.77	.61	.33	**YAD18-10**		**YAD18-10M**		
T18-14		1/4	.45	.96	.73	.44	**YAD18-14**		**YAD18-14M**		
T18-516		5/16	.45	.96	.73	.44	**YAD18-516**		—		
T18-38		3/8	.53	1.05	.78	.49	**YAD18-38**				
T14-4	20-14	3, 4	.25	.67	.55	.26	**YAD14-4**	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8G98, Y8MRB-1, MR20	**YAD14-4M**	TFM with DFM5D1 Die	9/32″
T14-6		4-6	.25	.67	.55	.26	**YAD14-6**		**YAD14-6M**		
T14-8		6-8	.31	.77	.61	.33	**YAD14-8**		**YAD14-8M**		
T14-10		8-10	.31	.77	.61	.33	**YAD14-10**		**YAD14-10M**		
T14-14		1/4	.45	.96	.73	.44	**YD14-14**		**YAD14-14M**		
T14-516		5/16	.45	.96	.73	.44	**YAD14-516**		—		
T14-38		3/8	.53	1.05	.78	.49	**YAD14-38**		**YAD14-38M**		
T10-6	12-10*	4-6	.37	.83	.64	.29	**YAD10-6**	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8G98, Y8MRB-1, MR20	—	TFM with DFM4D1 Die	11/32″
T10-8		6-8	.37	.83	.64	.29	**YAD10-8**		**•YAD10-8M**		
T10-10		8-10	.37	.83	.64	.29	**YAD10-10**		—		
T10-14		1/4	.46	.97	.74	.39	**YAD10-14**		***YAD10-14M**		
T10-516		5/16	.53	1.02	.76	.41	**YAD10-516**		***YAD10-516M**		
T10-38		3/8	.58	1.08	.79	.44	**YAD10-38**		***YAD10-38M**		

* **NOTE:** UL Listed for 14-10 when installed with MR8G98 and Y8MRB-1 tools only.
• 1000 pcs/reel.

Blue highlighted items are industry standard and most frequently ordered.

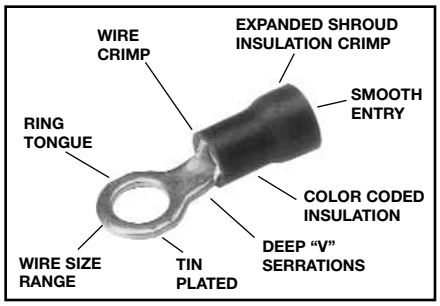
TYPES TP AND BA

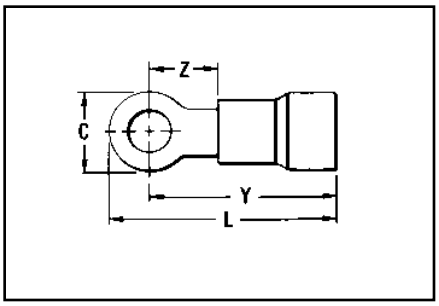
VINYLUG™

Terminal — Polyvinylchloride Insulated, Ring Tongue

600 Volts Max., 105° C Max.

VINYLUG™ Type TP is designed for commercial and light duty industrial control and power circuit applications. Supplied with an expanded polyvinyl chloride (PVC) insulation shroud, many tongue variations and rated 600V makes TP terminals versatile and economical.





Features and Benefits

- Expanded insulation support accepts standard and large wire diameters.
  - ◇ Lowers inventory requirements, permits greater flexibility and provides insulation support.
- Funnel entry.
  - ◇ Easy wire insertion.
- Manufactured of pure electrolytic copper.
  - ◇ Provides maximum conductivity, low resistance and ductility for excellent crimp forming properties.
- Deep V groove serrations in the inner barrel.
  - ◇ Provides added holding strength and better conductivity.
- Electro-tin plated.
  - ◇ Provides durable long-lasting corrosion resistance.

Catalog Number	Wire Range	Stud Size	Dimensions C	L	Y	Z	Bulk Catalog Number*	Installation Tooling	Tape Mounted Catalog Number 2000/Reel	Installation Tooling	Wire Strip Length
TP16-4	22-16 Max. Insul. Dia. Accom.: .145 Color Code: Red	3-4	.22	.71	.61	.17	**BA16E4**	Plier Type: Y10-22, Y10D or Ratchet Tool: MR8-89-1, MR8-G96, MR15	**BA16E4M**	TFM with DFM3D-1 Die	13/64″
TP16-6		4-6	.25	.74	.62	.18	**BA16E6**		**BA16E6M**		
TP16-8		6-8	.31	.85	.70	.26	**BA16E8**		**BA16E8M**		
TP16-10		8-10	.31	.85	.70	.26	**BA16E10**		**BA16E10M**		
TP16-14		12, 1/4	.40	.99	.79	.36	**BA16E14**		**BA16E14M**		
TP16-38		3/8	.53	1.15	.88	.45	**BA16E38**		**BA16E38M**		
TP14-4	16-14 Max. Insul. Dia. Accom.: .180 Color Code: Blue	3-4	.22	.71	.61	.17	**BA14E4**		**BA14E4M**	TFM with DFM2D-1 Die	13/64″
TP14-6		4-6	.25	.74	.62	.18	**BA14E6**		**BA14E6M**		
TP14-8		6-8	.31	.85	.70	.26	**BA14E8**		**BA14E8M**		
TP14-10		8-10	.31	.85	.70	.26	**BA14E10**		**BA14E10M**		
TP14-14		12, 1/4	.40	.99	.79	.36	**BA14E14**		**BA14E14M**		
TP14-516		5/16	.53	1.15	.88	.45	**BA14E516**		**BA14E516M**		
TP14-38		3/8	.53	1.15	.88	.45	**BA14E38**		—		
TP10-6	12-10 Max. Insul. Dia. Accom.: .260 Color Code: Yellow	4-6	.31	.91	.75	.20	**BA10E6**	Plier Type: Y10-22, Y10D or Ratchet: MR8-89-1, MR15, M8ND w/N10HET-23	***BA10E6M**	TFM with DFM1D5 Die	19/64″
TP10-8		6-8	.36	1.00	.81	.26	**BA10E8**		***BA10E8M**		
TP10-10		8-10	.36	1.00	.81	.26	**BA10E10**		***BA10E10M**		
TP10-14		12, 1/4	.53	1.22	.95	.40	**BA10E14**		***BA10E14M**		
TP10-38		3/8	.53	1.27	1.00	.45	**BA10E38**		***BA10E38M**		

* 1000/Reel

Blue highlighted items are industry standard and most frequently ordered.

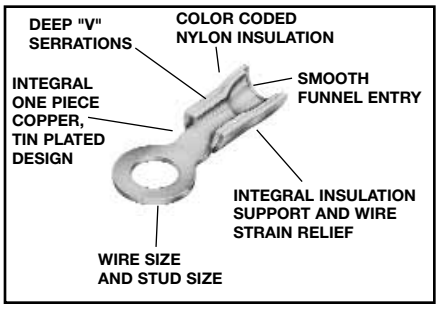
TYPES TN AND YAES

INSULUG™

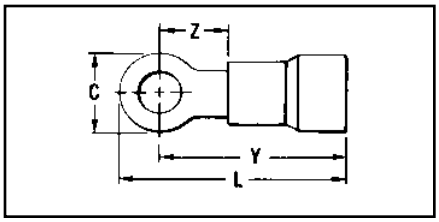
Terminal — Nylon Insulated, Ring-Tongue

300 Volts Max., 105°C Max.

INSULUG™ type TN Nylon-insulated terminals are designed for heavy duty industrial, utility and military power and control-circuit applications for wire sizes 26 AWG through 10 AWG. They offer high dielectric strength and stability in oily conditions and meet military CLASS 1 and CLASS 2 requirements per SAE-AS25036 and the requirements of military specifications SAE-AS7928.







Features and Benefits

- An integral one-piece copper barrel /insulation grip and wire strain relief design.
  - ◇ Provides improved physical strength characteristics over a multi-piece design.
- Manufactured of pure electrolytic copper.
  - ◇ Provides maximum conductivity, low resistance and ductility for excellent crimp forming properties.
- Brazed seam.
  - ◇ Provides a stronger barrel design to minimize any possible splitting and eliminates folding.
- Deep inner barrel serrations.
  - ◇ Provides excellent electrical conductivity and pullout strength values.
- Smooth funnel entry.
  - ◇ Easy wire insertion.
- The insulation is locked in place.
  - ◇ Will not twist off, thereby maintains proper dielectric values.
- Electro-tin plated.
  - ◇ Provides durable long-lasting resistance to corrosion.
- Color-coded and clearly marked.
  - ◇ Provides quick, easy wire size identification.
- Ring Tongue.
  - ◇ Provides a secure termination under the screw head that can not be removed without complete removal of the screw.
- Two or more terminals may be stacked on a common stud easily.
  - ◇ Provides flexibility and versatility.

Catalog Number	Wire Range	Stud Size	SAE-25036	Dimensions				Bulk ▲ Catalog Number	Installation Tooling	Wire Strip Length
				C	L Max.	Y Max.	Z Max.			
TN18-4	22-18 Max. Insul. Dia. Accom.: .120 Color Code: Red	3-4	-148	.23	.76	.64	.20	**YAES18N48**	Non-Ratchet: Y10D, Y1022	7/32"
TN18-6		4-6	-101	.25	.76	.64	.20	**YAES18N1**		
TN186G1		4-6	-102	.25	.87	.74	.49	**YAES18N2**		
TN18-8		6-8	-149	.31	.91	.76	.29	**YAES18N49**		
TN18-10		8-10	-103	.31	.91	.76	.29	**YAES18N3**		
TN18-14		12, 1/4	-150	.46	1.09	.87	.41	**YAES18N50**		
TN18-516		5/16	-104	.46	1.09	.87	.41	**YAES18N4**		
TN18-38		3/8	-105	.53	1.17	.91	.45	**YAES18N5**		
TN14-4	16-14 Max. Insul. Dia. Accom.: .153 Color Code: Blue	3-4	-152	.25	.79	.67	.24	**YAES14N52**		7/32"
TN14-6		4-6	-106	.25	.79	.67	.24	**YAES14N6**		
TN146G1		4-6	-107	.30	.91	.76	.51	**YAES14N7**		
TN14-8		6-8	-153	.31	.89	.74	.31	**YAES14N53**		
TN14-10		8-10	-108	.31	.89	.74	.31	**YAES14N8**		
TN14-14		12, 1/4	-154	.45	1.08	.86	.43	**YAES14N54**		
TN1412G1		1/2	-155	.71	1.32	.97	.72	**YAES14N55**		
TN14-516		5/16	-109	.45	1.08	.86	.43	**YAES14N9**		
TN14-38		3/8	-110	.53	1.16	.90	.47	**YAES14N10**	Ratchet: MR8-83	
TN10-6	12-10 Max. Insul. Dia. Accom.: .210 Color Code: Yellow	4-6	-111	.37	1.12	.94	.26	**YAES10N11**		11/32"
TN10-8		6-8	-156	.37	1.12	.94	.26	**YAES10N56**		
TN10-10		8-10	-112	.37	1.12	.94	.26	**YAES10N12**		
TN10-14		12, 1/4	-157	.53	1.32	1.06	.37	**YAES10N57**		
TN10-516		5/16	-113	.53	1.32	1.06	.37	**YAES10N13**		
TN10-38		3/8	-114	.58	1.34	1.05	.40	**YAES10N14**		

▲ Class 1 and class 2. Meets the requirement of aerospace specification SAE-AS7928.

Blue highlighted items are industry standard and most frequently ordered.

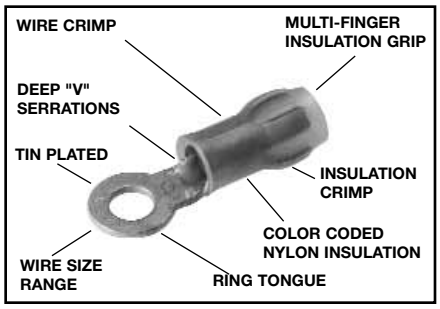
TYPES YAE-G AND YAE-N

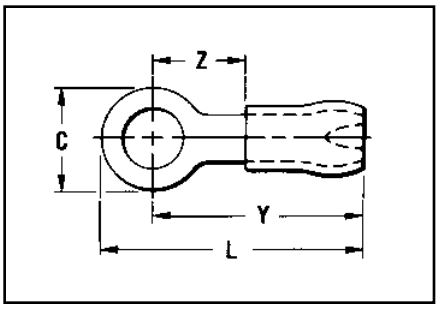
INSULUG™

Terminal — Nylon Insulated, Ring-Tongue Multi-Finger Insulation Grip

300 Volts Max., 105° C Max.

INSULUG™ Types YAE-G and YAE-N nylon insulated terminals are designed with a multi-finger insulation grip for paper, EPR and other elastic or hard to grip insulations. The metal fingers firmly grip the insulation providing superior holding characteristics, cable support and strain relief. Types YAE-G and YAE-N terminals are rated 105° C and meet military standard AS25036 Class 2 and SAE-AS7928 requirements.





Features and Benefits

- Multi-finger insulation grip.
  - ◇ Provides superior insulation holding characteristics, especially on EPR and other elastic-type insulations.
- Brazed seam.
  - ◇ Provides stronger more durable termination.
- Manufactured of pure electrolytic copper.
  - ◇ Provides maximum conductivity, low resistance and ductility for excellent crimp forming properties.
- Deep V groove, inner barrel serrations.
  - ◇ Provide optimum conductivity, reliability, and holding power.
- Smooth funnel entry.
  - ◇ Easy wire insertion.

Catalog Number	Wire Range	Stud Size	** SAE-AS25036	Dimensions C	Dimensions L Max.	Dimensions Y Max.	Dimensions Z Max.	Bulk Catalog Number*	Installation Tooling	Tape Mounted Catalog Number 2000/Reel	Installation Tooling	Wire Strip Length
YAE22G18 BOX•	26-20	1.2	-148	.15	.70	.62	.22	**YAE22G18•**	M8ND with N14HET-25V1 Die MR8-1A	**YAE22G18M•**	TFM with DFM11D1 Die	5/32″
YAE22G12 BOX•	Max. Insul.	1.2	–	.25	.75	.62	.22	**YAE22G12•**		—		
YAE22G16 BOX•	Dia. Accom.:	3.4	-144	.18	.75	.62	.22	**YAE22G16•**		**YAE22G16M•**		
YAE22G13 BOX•	.098	4-6	-145	.25	.75	.62	.22	**YAE22G13•**		**YAE22G13M•**		
YAE22G14 BOX•	Color Code:	6-8	-146	.32	.83	.67	.27	**YAE22G14•**		—		
YAE22G15 BOX•	Amber	8-10	-147	.32	.83	.67	.27	**YAE22G15•**		**—**		

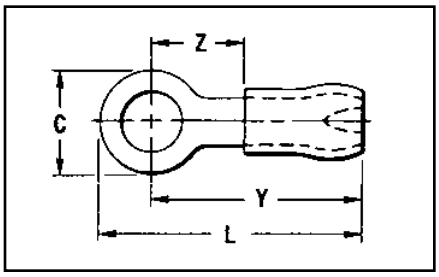
• Not UL recognized or Listed.
* 1000/Box
** Class 2

Blue highlighted items are industry standard and most frequently ordered.

TYPES YAE-G AND YAE-N
(Continued)

INSULUG™





Catalog Number	Wire Range	Stud Size	**SAE-AS25036	Dimensions C	L Max.	Y Max.	Z Min.	Bulk Catalog Number	Installation Tooling	Tape Mounted Catalog Number 2000/Reel	Installation Tooling	Wire Strip Length
YAE18N29 BOX	22-16 † Max. Insul. Dia. Accom.: .125 Color Code: Red	1-2	—	.14	.75	.68	.19	YAE18N29	MR8-1A, MR8-33T-1 (no extra dies required) M8ND with one of following dies: N14HET-25V1 N10ET-9 N14HET-15 N10ET-23 or Y10D Y10-22	YAE18N29M	TFM with DFM10D1 die	3/16″
YAE18N27 BOX		2	—	.19	.77	.66	.19	YAE18N27		YAE18N27M		
—		4	—	.25	.80	.68	.19	YAE18-N7		YAE18-N7M		
—		4	-148	.25	.80	.68	.19	YAE18N17		—		
—		4	—	.23	.78	.68	.19	YAE18N26		YAE18N26M		
YAE18N21 BOX		4-6	-102	.25	.89	.77	.28	YAE18N21		YAE18N21M		
—		4-6	—	.22	.79	.68	.19	YAE18N25		YAE18N25M		
YAE18G43 BOX		4-6	-101	.25	.90	.68	.19	YAE18G43		YAE18G43M		
YAE18N24 BOX		6-8	—	.28	.92	.77	.28	YAE18N24		YAE18N24M		
YAE18N1 BOX		6-8	-149	.31	.92	.77	.28	YAE18N1		YAE18N1M		
YAE18N BOX		8-10	-103	.31	.92	.77	.28	YAE18N		YAE18NM		
YAE18N2 BOX		12, 1/4	-150	.45	1.11	.88	.40	YAE18N2		YAE18N2M		
YAE18N3 BOX		5/16	-104	.45	1.11	.88	.40	YAE18N3		YAE18N3M		
YAE18N15 BOX		3/8	-105	.53	1.19	.93	.43	YAE18N15		YAE18N15M		
YAE14N43 BOX	16-14 Max. Insul. Dia. Accom.: .156 Color Code: Blue	4-6	-106	.25	.82	.69	.20	YAE14N43		YAE14N43M	TFM with DFM9D1 die	3/16″
YAE14N1 BOX		6-8	-153	.31	.92	.75	.28	YAE14N1		YAE14N1M		
YAE14N BOX		8-10	-108	.31	.92	.75	.28	YAE14N		YAE14NM		
YAE14N2 BOX		1/4	-154	.45	1.11	.88	.40	YAE14N2		YAE14N2M		
YAE14N3 BOX		5/16	-109	.45	1.11	.88	.40	YAE14N3		YAE14N3M		
YAE14N4 BOX		3/8	-110	.53	1.19	.93	.44	YAE14N4		YAE14N4M		
—	14-12 Max. Insul. Dia. Accom.: .180 Color Code: Green	10	—	.31	1.06	.93	.29	YAE12N7	MR8-1A, MR8-33T-1 (no extra dies required) Y10D, M8ND with die N12HET-1	—	TFM with DFM7D1 die	21/64″
YAE12N9 BOX		6-8	—	.31	1.06	.90	.28	YAE12N9		YAE12N9M		
YAE12N1 BOX		6-8	—	.31	1.06	.90	.28	YAE12N1		YAE12N1M		
YAE12N BOX		8-10	—	.31	1.06	.90	.28	YAE12N		YAE12NM		
YAE12N2 BOX		1/4	—	.46	1.25	1.02	.40	YAE12N2		YAE12N2M		
YAE10N5 BOX	12-10 Max. Insul. Dia. Accom.: .209 Color Code: Yellow	4-6	-111	.38	1.15	.96	.28	YAE10N5	MR8-33T-1 (no extra dies required) M8ND with one of the following dies: N10HET-15, N10ET-9, N10ET-23, Y10D, Y10-22	* YAE10N5M		3/8″
YAE10N11 BOX		6-8	-156	.38	1.17	.98	.30	YAE10N11		* YAE10N11M		
YAE10N BOX		8-10	-112	.38	1.15	.96	.28	YAE10N		* YAE10NM		
YAE10N3 BOX		1/4	-157	.54	1.39	1.12	.44	YAE10N3		* YAE10N3M		
YAE10N2		5/16	-113	.54	1.39	1.12	.44	YAE10N2		* YAE10N2M		
YAE10N4		3/8	-114	.54	1.39	1.12	.44	YAE10N4		* YAE10N4M		

* 1000/Reel
** Class 2
† Use Y10D or Y10-22 only when crimping #16 AWG.

Blue highlighted items are industry standard and most frequently ordered.

TYPE YAES-K

INSULUG™

NUCLEAR TERMINALS AND SPLICES

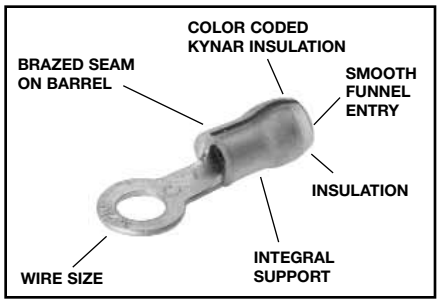
Radiation Resistant
Insulated Terminals,
Ring Tongue

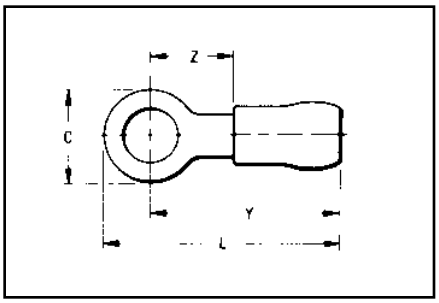
Polyvinylidene (PVF_2) Insulated

200 Megarads, –60° through 150° C, 600 Volts

The type YAES-K, radiation resistant KYNAR® insulated terminals are designed and have been tested to meet the requirements for class 1E critical circuits as set by the Nuclear Regulatory Commission (NRC). Additional testing for compatibility under loss of coolant accident (LOCA) conditions with cross-link polyethylene (XLP) and HYPALON® insulations was completed successfully. Compatibility with ethylene propylene rubber (EPR) insulation was determined by analysis. Each terminal is manufactured of pure electrolytic copper per QQ-C 576 and bright tin-plated per MIL-T-10727 and meets or exceeds SAE-AS7928 using stranded copper AWG wire. The KYNAR® insulation offers 200 megarad radiation resistance.

The Type YAES-K radiation resistant KYNAR® - insulated terminals are suitable for class 1E critical circuits and non-critical nuclear associated applications.





Features and Benefits

- KYNAR® insulation.
  - ◇ Provides 200 megarad radiation resistance plus successfully tested for insulation compatibility.
- An integral one-piece copper barrel/insulation grip and wire strain relief design.
  - ◇ Provides improved physical strength characteristics over a multi-piece design.
- The KYNAR® insulation is locked in place.
  - ◇ The insulation will not move or twist off, thereby maintains proper dielectric values.
- Manufactured from pure electrolytic copper.
  - ◇ Provides maximum conductivity, low resistance and ductility for excellent crimp forming properties.
- Bright tin-plated per MIL-T-10727.
  - ◇ Provides durable long-lasting resistance to corrosion.
- Deep inner barrel serrations.
  - ◇ Provides excellent electrical conductivity and tensile strength values.
- Brazed seam.
  - ◇ Provides a stronger barrel design to minimize any possible splitting and eliminates folding.
- Smooth funnel entry.
  - ◇ Easy wire insertion.
- Color coded terminals.
  - ◇ Provides easy wire size identification and inspection.
- Coded raised dots in the die area of the connection after compression.
  - ◇ Provides visual identification that the correct tool and die were used for proper installation.
- Inspection hole.
  - ◇ Permits visual check for proper wire insertion.
- Ring tongue design.
  - ◇ Provides a secure termination under screw head that cannot be removed without the complete removal of the screw.
- Multiple terminals may be stacked on a common stud easily.
  - ◇ Provides flexibility and versatility.

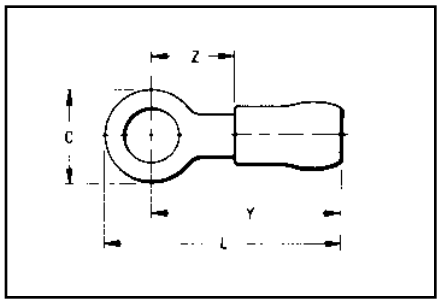
KYNAR - is a registered trademark of the Pennwalt Corp. for Polyvinylindene Floride (PVF_2)

HYPALON - Is a registered trademark of the E.I. DuPont deNemours & Co., Inc.

TYPE YAES-K
(Continued)

INSULUG™





Catalog Number	Wire Range	Stud Size	Dimensions				Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Min.		
YAES18K48	22-18 AWG str. Max. Insul. Dia. Accom.: .120 Color Code: Red	4	.23	.76	.64	.20	Ratchet Tool: MR10G6 Crimp Mark: (1) Small Dot Red Groove Calibration Gauge: PG-373-1	7/32″
YAES18K-1		6	.23	.76	.64	.20		
YAES18K-2		6	.25	.87	.74	.29		
YAES18K-49		8	.31	.91	.76	.29		
YAES18K-3		10	.31	.91	.76	.29		
YAES18K-50		1/4	.46	1.09	.86	.41		
YAES18K-4		5/16	.46	1.09	.86	.41		
YAES18K-5		3/8	.53	1.18	.91	.45		
YAES14K-6	16-14 AWG str. Max. Insul. Dia. Accom.: .153 Stock Thickness: .032 Color Code: Blue	6	.25	.77	.65	.22	Ratchet Tool: MR10G6 Crimp Mark: (2) Small Dots Blue Groove Calibration Gauge: PG-371-1	7/32″
YAES14K-7		6	.31	.91	.76	.29		
YAES14K-53		8	.31	.91	.76	.29		
YAES14K-8		10	.31	.91	.76	.29		
YAES14K-54		1/4	.46	1.09	.86	.41		
YAES14K-9		5/16	.46	1.09	.86	.41		
YAES14K-10		3/8	.53	1.18	.91	.45		
YAES10K-11	12-10 AWG str. Max. Insul. Dia. Accom.: .210 Stock Thickness: .040 Color Code: Yellow	6	.38	1.12	.94	.26	Ratchet Tool: MR10G6 Crimp Mark: (1) Large Dot Calibration Gauge: PG-372-1	3/8″
YAES10K-11T1		6	.31	1.09	.94	.26		
YAES10K-56		8	.38	1.12	.94	.26		
YAES10K-12		10	.38	1.12	.94	.26		
YAES10K-57		1/4	.53	1.32	1.06	.37		
YAES10K-13		5/16	.53	1.32	1.06	.37		
YAES10K-14		3/8	.58	1.34	1.05	.40		
YAES10K-58		1/2	.72	1.41	1.06	.45		

Blue highlighted items are industry standard and most frequently ordered.

TYPES YAV BOX AND YAV

HYLUG™

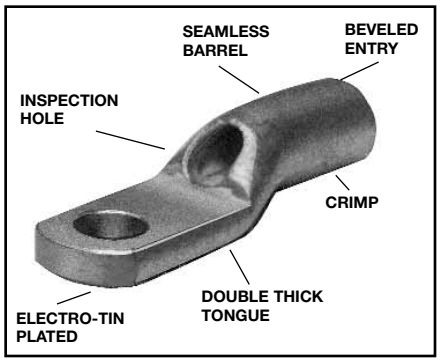
Seamless Uninsulated Compression Heavy Duty Ring Tongue Terminal

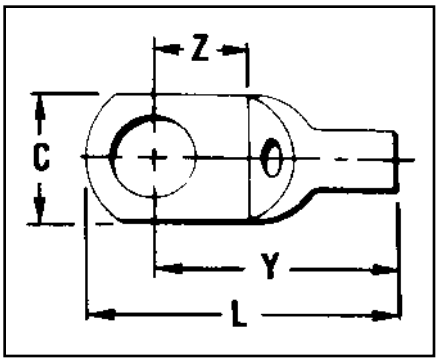
#22-10 Stranded and Solid Copper

HYLUG™ type YAV is a seamless, heavy duty uninsulated compression ring tongue terminal manufactured from pure electrolytic copper tubing and is for use on copper commercial (code) cable, type AN aircraft cable and extra flexible conductors. Because of its seamless design, the YAV HYLUG™ also accommodates solid conductors.

The seamless tubing produces a double thick tongue and a strong connector for demanding applications that require high reliability. Applications include industrials, hospitals, electric utilities, aircraft, shipboard and marine, computers, steel mills, mining equipment and other equipment that is subject to vibration or requiring dependable electrical performance.

The YAV-HYLUG™ terminals meet the requirements of SAE-AS7928.





(See table on following page for specifications)

Features and Benefits

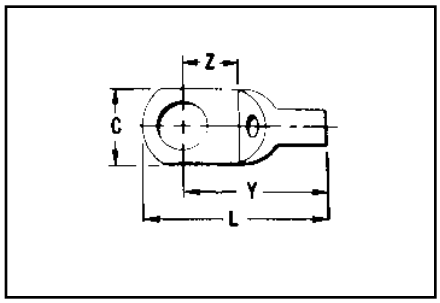
- Manufactured from seamless pure electrolytic copper tubing.
  - ◇ Provides maximum conductivity, low resistance and excellent ductility for crimping.
- Seamless tubular crimp barrel design.
  - ◇ No seams to split resulting in a very high quality electrical connection. Also can be used on solid conductor.
- Double thick tongue.
  - ◇ Provides a very strong terminal tongue.
- Produced from tubular copper.
  - ◇ Extra copper material assures the compression connector will operate cooler than the conductors it connects.
- Internally bevelled barrel.
  - ◇ Provides easy cable entry, especially for flexible conductors.
- Inspection hole.
  - ◇ Provides easy visual check for proper conductor insertion.
- Electro-tin plated.
  - ◇ Provides long lasting durable corrosion resistance.
- Nickel plating available, add “NK” suffix.
  - ◇ Nickel plated HYLUGs™ provide high temperature applications up to 650° F continuous service and 750° F intermittent service.

TYPES YAV BOX AND YAV

HYLUG™

Seamless Uninsulated
Compression Heavy Duty
Ring Tongue Terminal





Catalog Number	Wire Range	Stud Size	Dimensions C	L Max.	Y Max.	Z Min.	Bulk Catalog Number	Installation Tooling	Wire Strip Length
YAV18-T4 BOX	22-18 Str. and Sol.	3, 4	.19	.62	.54	.16	**YAV18-T4**	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8G98, MR8-9Q, Y8MRB-1, MR20	9/32″
YAV18-L33 BOX		4-6	.25	.67	.55	.18	**YAV18-L33**		
YAV18-T5 BOX		4-6	.31	.76	.61	.24	**YAV18-T5**		
YAV18-T1 BOX		6-8	.31	.76	.61	.24	**YAV18-T1**		
YAV18 BOX		8-10	.31	.76	.61	.24	**YAV18**		
YAV14-L33 BOX	20-14 Str. 20-12 Sol.	4-6	.25	.71	.59	.18	**YAV14-L33**	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8G98, MR8-9Q, Y8MRB-1, MR20	9/32″
YAV14-T5 BOX		4-6	.31	.79	.64	.24	**YAV14-T5**		
YAV14-T1 BOX		6-8	.31	.79	.64	.24	**YAV14-T1**		
YAV14-L36 BOX		8-10	.29	.74	.59	.18	**YAV14-L36**		
YAV14 BOX		8-10	.31	.79	.64	.24	**YAV14**		
YAV14-T2 BOX		1/4	.42	.99	.75	.32	**YAV14-T2**		
YAV14-T3 BOX		5/16	.44	.99	.75	.32	**YAV14-T3**		
YAV12-G2 BOX ■	14-12 Str.	8-10	.30	.82	.67	.24	**YAV12-G2**	Y10D, Y8MRB-1 M8ND w/N14HT	9/32″
YAV12-G3 BOX ■		1/4	.36	1.00	.76	.34	**YAV12-G3**		
YAV10-T7 BOX	†14 Str. 12-10 Str. and Sol.	4-6	.30	.93	.78	.24	**YAV10-T7** *	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8G98, MR8-9Q, Y8MRB-1, MR20, N10HT, N10HT-24	7/16″
YAV10-T11 BOX		6-8	.38	.97	.79	.26	**YAV10-T11**		
YAV10-L36 BOX		8-10	.29	.86	.71	.23	**YAV10-L36**		
YAV10 BOX		8-10	.38	.97	.79	.26	**YAV10** *		
YAV10-T3 BOX		1/4	.47	1.10	.87	.32	**YAV10-T3**		
YAV10-T2 BOX		5/16	.53	1.13	.87	.31	**YAV10-T2** *		
YAV10-T4 BOX		3/8	.56	1.18	.90	.35	**YAV10-T4** *		
YAV9C-L36 BOX	10-9 Str.	8-10	.31	.97	.83	.15	**YAV9C-L36**	Ratchet: MR8-9Q, Y8MRB-1	7/16″
YAV9C-T9 BOX		1/4	.44	1.19	.95	.31	**YAV9C-T9**		
YAV9C-T4 BOX		5/16	.52	1.27	1.02	.36	—		

■ Use #14 groove
† UL Listed for 14 Str. to #10 Sol. & Str. when installed with MR8G98 and Y8MRB-1 tools only.
* Class 1 & 2 connectors.

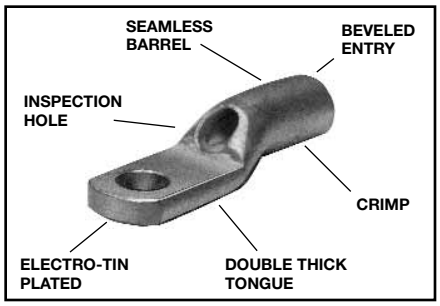
Blue highlighted items are industry standard and most frequently ordered.

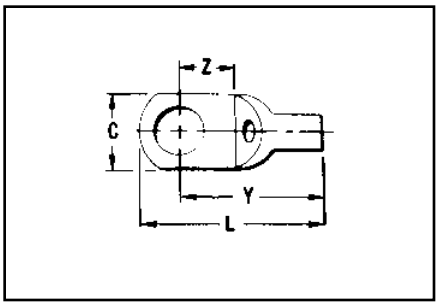
TYPES YAV-L BOX AND YAV-L

HYLUG™

Large Size Uninsulated Compression Terminals Seamless Uninsulated Compression Ring Tongue Terminal

#8-4/0 Str. Copper





HYLUG™ Type YAV is a seamless, heavy duty uninsulated compression terminal manufactured from electrolytic copper and is for use on Type AN aircraft cable, extra flexible conductors and commercial (code) conductors. The seamless tubing produces a double thick tongue and seamless barrel design provides a strong connector for demanding applications requiring high reliability.

Applications include aircraft, industrials, hospitals, electric utilities, marine, computers, and other equipment subject to vibration or requiring dependable electrical performance.

The YAV HYLUG™ terminals meet the requirements of SAE-AS7928 and are listed per AS20659 for use with copper aircraft cable per MIL-W-5086

The benefits of YAV-L connectors are the same as YAV connectors for stranded conductors.

Catalog Number	Wire Range	Stud Size	MS20659 Dash No.†	Dimensions (Inches) C	L Max.	Y Max.	Z Min.	Bulk Catalog Number	Installation Tooling HYTOOL™ ■	Die Index	HYPRESS™ Y29B, Y29NC	HYPRESS™ Y35, Y39, Y750 ▲	Wire Strip Length
—	8 Aircraft AN 8 Flex	6-8	-140	.41	1.15	.94	.28	YAV8C-L14•	Non-Ratchet: MY29-11 Ratchet: MR4C, MR8-9Q, Y8MRB-1, M8ND w/ N8CT Die Set	38	DV8L-1 Nest Y29PL Indentor (1) Crimp	UV8L Nest Y34PL Indentor (1) Crimp	1/2″
YAV8C-L BOX		8-10	-107	.41	1.15	.94	.28	YAV8C-L•					
YAV8C-L1 BOX		1/4	-141	.46	1.22	.99	.32	YAV8C-L1•					
YAV8C-L2 BOX		5/16	-108	.57	1.30	1.01	.34	YAV8C-L2					
YAV8C-L3 BOX		3/8	-129	.57	1.30	1.01	.34	YAV8C-L3•					
YAV8C-L4 BOX		1/2	-142	.73	1.52	1.14	.48	YAV8C-L4•					
YAV6C-L1 BOX	5 & 6 Aircraft AN 5 & 6 Flex	8-10	-130	.48	1.31	1.06	.29	YAV6C-L1•	Non-Ratchet: MY28, MY29-11 Ratchet: MR4C	39	DV6L Nest Y29PL Indentor (1) Crimp	UV6L Nest Y34PLA Indentor (1) Crimp	1/2″
YAV6C-L BOX		1/4	-109	.48	1.31	1.06	.29	YAV6C-L•					
YAV6C-L4 BOX		5/16	-131	.60	1.43	1.13	.35	YAV6C-L4•					
YAV6C-L2 BOX		3/8	-110	.60	1.43	1.13	.35	YAV6C-L2•					
YAV6C-L10 BOX		1/2	-143	.73	1.64	1.26	.49	YAV6C-L10					
YAV4C-L3 BOX	4 Aircraft AN 4 Flex	8-10	-144	.55	1.37	1.11	.28	YAV4C-L3•	Non-Ratchet: MY28, MY29-11 Ratchet: MR4C	40	DV4L Nest Y29PL Indentor (1) Crimp	UV4L Nest Y34PLA Indentor (1) Crimp	1/2″
YAV4C-L BOX		1/4	-111	.55	1.37	1.11	.28	YAV4C-L					
YAV4C-L4 BOX		5/16	-132	.63	1.48	1.17	.33	YAV4C-L4•					
YAV4C-L2 BOX		3/8	-112	.63	1.48	1.17	.33	YAV4C-L2•					
YAV4C-L5 BOX		1/2	-145	.73	1.68	1.30	.47	YAV4C-L5					
—	2 Aircraft AN 2 Flex	8-10	-146	.69	1.72	1.37	.35	YAV2C-L3	Non-Ratchet: MY28, MY29-11	41	DV2L Nest Y29PL Indentor (1) Crimp	UV2L Nest Y34PLA Indentor (1) Crimp	5/8″
YAV2C-L1 BOX		1/4	-113	.69	1.72	1.37	.35	YAV2C-L1•					
YAV2C-L2 BOX		5/16	-147	.69	1.72	1.37	.35	YAV2C-L2•					
YAV2C-L BOX		3/8	-114	.69	1.72	1.37	.35	YAV2C-L•					
YAV2C-L4 BOX		1/2	-133	.77	1.89	1.49	.46	YAV2C-L4					

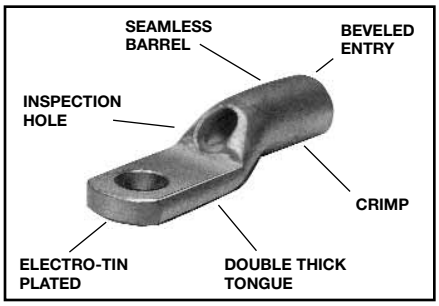
† Class 1.
• Available in (90°) right angle design. Suffix "RS" Replaces Suffix "L".
▲ Use Y35P3 Indentor Adapter with Y35 and Y39 Tool.

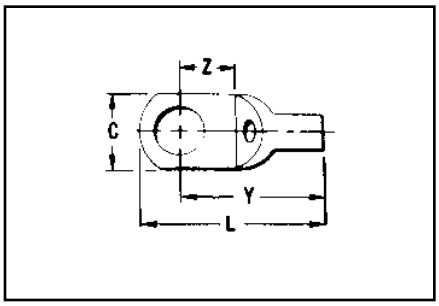
■ Bench Mount Adapter - Cat. BMY-BCH-MT is available for Type "MY" HYTOOLS™.
Add "NK" sufix for nickel plated HYLUGs™ for high temperature applications up to 650° F continuous service and 750° intermittent service.

Blue highlighted items are industry standard and most frequently ordered.

TYPES YAV-L BOX AND YAV-L
(Continued)

HYLUG™





Catalog Number	Wire Range	Stud Size	MS20659 Dash No.†	Dimensions (Inches) C	L Max.	Y Max.	Z Min.	Bulk Catalog Number	Installation Tooling ■ HYTOOL™	Die Index	HYPRESS™ Y29B, Y29NC	HYPRESS™ Y35, Y39, Y750 ▲	Wire Strip Length
—	1 Aircraft AN 1 Flex	8-10	—	.76	1.67	1.32	.25	YAV1C-L6•	Non-Ratchet: MY28, MY29-11	42	DV1L Nest Y29PL Indentor (1) Crimp	UV1L Nest Y34PLA Indentor (1) Crimp	5/8″
YAV1C-L1 BOX		1/4	-115	.76	1.84	1.45	.38	YAV1C-L1•					
YAV1C-L2 BOX		5/16	-149	.76	1.84	1.45	.38	YAV1C-L2•					
YAV1C-L BOX		3/8	-116	.76	1.84	1.45	.38	YAV1C-L					
YAV1C-L3 BOX		1/2	-134	.86	1.97	1.54	.46	YAV1C-L3					
YAV25-L1 BOX	1/0 Aircraft AN 1/0 Flex	1/4	-117	.83	2.01	1.61	.43	YAV25-L1		43	DV25L Nest Y29PR Indentor (1) Crimp	UV25L Nest Y34PA Indentor (1) Crimp	11/16″
YAV25-L2 BOX		5/16	-151	.83	2.01	1.61	.43	YAV25-L2					
YAV25-L BOX		3/8	-118	.83	2.01	1.61	.43	YAV25-L•					
YAV25-L3 BOX		1/2	-135	.88	2.09	1.64	.46	YAV25-L3•					
YAV25-L4 BOX		5/8	—	.88	2.31	1.80	.62	YAV25-L4					
YAV26-L1 BOX	2/0 Aircraft AN 2/0 Flex	1/4	-153	.93	2.32	1.85	.48	YAV26-L1		44	DV26L Nest Y29PR Indentor (1) Crimp	UV26L Nest Y34PA Indentor (1) Crimp	13/16″
YAV26-L2 BOX		5/16	-119	.93	2.32	1.85	.48	YAV26-L2					
YAV26-L BOX		3/8	-120	.93	2.32	1.85	.48	YAV26-L•					
YAV26-L3 BOX		1/2	-136	.93	2.32	1.85	.48	YAV26-L3•					
YAV26-L12 BOX		5/8	—	.93	2.52	1.99	.62	YAV26-L12					
YAV27-L BOX	3/0 Aircraft AN 3/0 Flex	3/8	-121	1.03	2.45	1.93	.52	YAV27-L•		45	—	UV27L Nest Y34PA Indentor (1) Crimp	13/16″
YAV27-L1 BOX		1/2	-122	1.03	2.45	1.93	.52	YAV27-L1					
YAV27-L15 BOX		5/8	—	1.03	2.60	2.04	.62	YAV27-L15					
YAV28-L BOX	4/0 Aircraft AN 4/0 Flex	3/8	-123	1.12	2.72	2.16	.60	YAV28-L		46	—	UV28L Nest Y34PA Indentor (1) Crimp	7/8″
YAV28-L12 BOX		1/2	-124	1.12	2.72	2.16	.60	YAV28-L12					
YAV28-L13 BOX		5/8	-159	1.12	2.72	2.16	.60	YAV28-L13					
YAV28-L14 BOX		3/4	-160	1.23	2.95	2.33	.78	YAV28-L14					

† Class 1.
• Available in (90°) right angle design. Suffix "RS" replaces suffix "L".
▲ Use Y35P3 Indentor Adapter with Y35 and Y39 tool.

■ Bench Mount Adapter - Cat. BMY-BCH-MT is available for Type "MY" HYTOOLS™.
Add "NK" sufix for nickel plated HYLUGs™ for high temperature applications up to 650° F continuous service and 750° intermittent service.

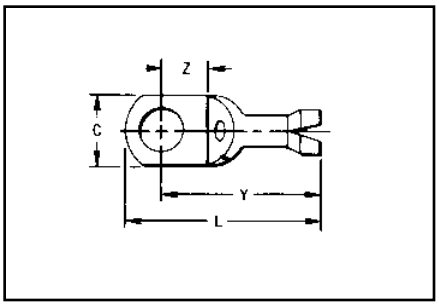
Blue highlighted items are industry standard and most frequently ordered.

TYPES YAV-H BOX AND YAV-H

HYLUG™

Seamless Uninsulated Compression Ring Tongue Terminal With Shroud





The type YAV-H HYLUG™ is a seamless heavy duty uninsulated compression ring tongue terminal with a shroud for an insulation grip and cable support. They are manufactured from pure electrolytic copper tubing for use on copper commercial (code) cable, Type AN aircraft cable and extra flexible conductors.

The seamless design produces a double thick tongue and the seamless barrel provides a strong highly reliable connection.

Meets the requirements of SAE-AS7928. The benefits of the Type YAV apply to the YAV-H HYLUG™.

Features and Benefits

- Shroud/insulation grip cable support and strain relief.
  - ◇ Protects the wire against breaking under vibration or flexing conditions.

Catalog Number	Wire Range	Stud Size	Max. Insul. Dia. Accom.	Dimensions				Bulk Catalog Number	Installation Tooling	Dies	Wire Strip Length
				C	L Max.	Y Max.	Z Min.				
YAV18-H BOX	22-18	8-10	.120″	.31	.91	.76	.24	**YAV18-H**	Plier: Y10D*, Y10-22*	M8ND, with N14HT, N14HT-5 Die	9/32″
YAV14-H1 BOX	20-14	6-8	.150″	.31	.95	.80	.24	**YAV14-H1**	Ratchet: MR8-G98, MR8-9Q, Y8MRB-1*, MR20*, M8ND		9/32″
YAV14-H BOX		8-10		.31	.95	.80	.24	**YAV14-H**			
YAV14-H2 BOX		1/4		.42	1.14	.90	.32	**YAV14-H2**			
YAV10-H25 BOX	12-10	6-8	.192″	.31	1.04	.90	.24	**YAV10-H25**		M8ND, N10HT-24	7/16″
YAV10-H BOX		8-10		.38	1.09	.91	.24	**YAV10-H**			
YAV10-H3 BOX		1/4		.47	1.22	.99	.32	**YAV10-H3**			

* For conductor crimp only.

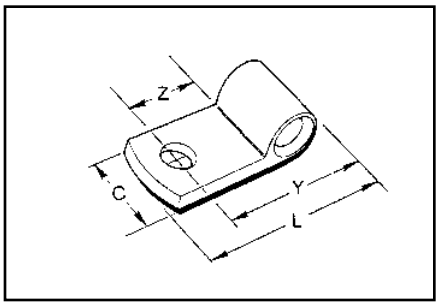
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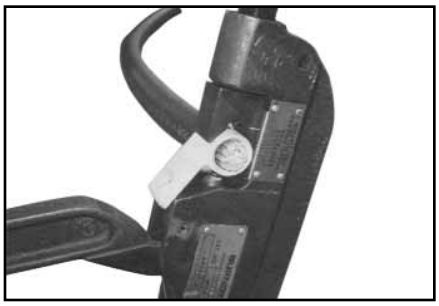
TYPE YBM

HYLUG™

Flag-Type
Ring-Tongue Terminals

Made of pure electrolytic copper for maximum conductivity and ductility. Seamless extrusion tin plated to resist corrosion.





Catalog* Number	Wire Range		Stud Size	Dimensions in Inches				** HYTOOL™	**Installation Tooling HYPRESS™ Y29NC, Y29B, Y35, Y750		Wire Strip Length
	Flex	Code		C	Z Min.	Y Max.	L Max.		Nest	Indentor	
YBM8C	**8** Class I, K, DLO (37/24) MIL-W-5086	**8**	8-10	0.44	0.34	0.77	1.01	MY28	DV8B	Y29PBL	7/16″
YBM8C-T2			1/4	0.50	0.37	0.80	1.07				1/2″
YBM8CT4			3/8	0.62	0.52	0.83	1.35				9/16″
YBM6C-L9	**6** Class I, DLO (81/24) 5086 MIL	**6**	8-10	0.50	0.37	0.85	1.09		DV6BL-1		1/2″
YBM6C-L			1/4	0.50	0.37	0.85	1.12				
YBM6C-L2			5/16	0.56	0.43	0.91	1.21				9/16″
YBM6C-L3			3/8	0.62	0.52	0.88	1.21				5/8″
YBM4C-L4	**4** Class I, DLO (105/24) MIL-W-5086	**4**	8-10	0.50	0.37	0.99	1.18		DV4BL	Y29PBL	1/2″
YBM4C-L			1/4	0.50	0.37	0.94	1.21				
YBM4C-L1			5/16	0.56	0.43	1.00	1.30				9/16″
YBM4C-L2			3/8	0.62	0.52	0.97	1.30				5/8″
YBM2C-L1	**2** Class I, DLO (150/24) MIL-W-5086	**2**	1/4	0.62	0.37	1.01	1.29		DV2BL	Y29PL	5/8″
YBM2C-L2			5/16	0.62	0.43	1.07	1.38				
YBM2C-L			3/8	0.62	0.37	1.01	1.35				
YBM1C-L3	**1** Class I, DLO (225/24) MIL-W-5086	**1**	1/2	0.88	0.71	1.29	1.74		DV1BL		1″
YBM1C-L			3/8	0.62	0.50	1.19	1.53				5/8″
YBM25-L1	**1/0** Class I, DLO (275/24) MIL-W-5086	—	1/4	0.69	0.52	1.19	1.83		DV25BL-1		
YBM25-L2			5/16	0.69	0.46	1.25	1.56				3/4″
YBM25-L			3/8	0.69	0.58	1.26	1.59				
YBM26-L	**2/0** Class I, DLO (325/24) MIL-W-5086	—	3/8	0.81	0.51	1.37	1.72		DV26L	Y29PR	13/16″
YBM28-1/4	**4/0** Class I, DLO (550/24) MIL-W-5086	—	1/4	.95	.72	1.66	2.09		DV28L		1″

* Lead Plated available, contact factory.
** See top illustration for recommended connector insertion into tools.

Blue highlighted items are industry standard and most frequently ordered.

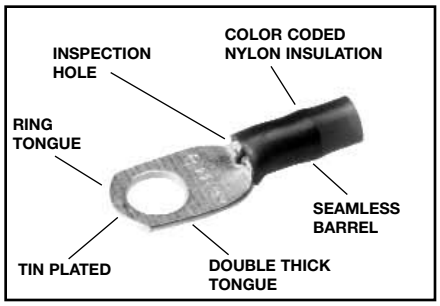
TYPES YAEV AND YAEV-L

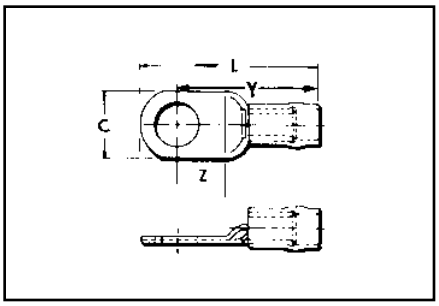
INSULUG™

Terminal — Nylon Insulated — Ring-Tongue

300 Volts Max., 105° C Max.

The INSULUG™ type YAEV is designed for very demanding high vibration applications encountered in aircraft and aboard ships as well as motor lead applications in hospitals, industrials and generating plants. The nylon insulated seamless, electrolytic copper barrel with double thick tongue provides an extra strong insulated connection. The terminal is rated 105°C and meets SAE-AS7928 requirements.





Features and Benefits

- Double thick tongue.
  - ◇ Provides maximum reliability and electrical capacity plus an extra strong terminal tongue.
- Manufactured from one-piece pure electrolytic copper.
  - ◇ Provides high conductivity, low resistance with no seams to split plus ductility for excellent crimp forming properties.
- Electro-tin plated.
  - ◇ Provides long-lasting corrosion resistance.
- Nylon insulation is locked in place.
  - ◇ Insulation will not move or twist off.
- 300 volt nylon insulation.
  - ◇ High dielectric strength and stability in demanding oily environmental conditions.
- Color Coded.
  - ◇ Provides quick, easy wire size connector selection.

Catalog Number	Wire Range AWG AN Aircraft	Stud Size	AS25036-Dash No.	Dimensions				Bulk Catalog Number	Installation Tooling	Wire Strip Length
				C	Z Min.	Y Max.	L Max.			
YAEV18 BOX	22-18 Max. Insul. Dia. Accom.: .125 Color Code: Red	8-10	—	.31	.24	.77	.91	YAEV18	Ratchet: MR8D94	1/4″
YAEV14 BOX	18-14 Max. Insul. Dia. Accom.: .154 Color Code: Blue	8-10	—	.31	.24	.88	.94	YAEV14	Ratchet: MR8D94	1/4″
YAEV10-T7 BOX	12-10 Max. Insul. Dia. Accom.: .209 Color Code: Yellow	4-5	—	.30	.24	.95	1.09	YAEV10-T7	Ratchet: MR8D94 MR8-33-T1 M8ND with N10ET-9 Die MR4 10M MR18*	5/16″
YAEV10-T11 BOX		6-8	—	.37	.26	.97	1.14	YAEV10-T11		
YAEV10 BOX		8-10	—	.37	.26	.97	1.14	YAEV10		
YAEV10-L36 BOX		8-10	—	.30	.18	.89	1.04	YAEV10-L36		
YAEV10-T3 BOX		1/4	—	.47	.38	1.12	1.30	YAEV10-T3		
YAEV10-T2 BOX		5/16	—	.53	.31	1.12	1.30	YAEV10-T2		
YAEV10-T4 BOX		3/8	—	.56	.35	1.12	1.35	YAEV10-T4		

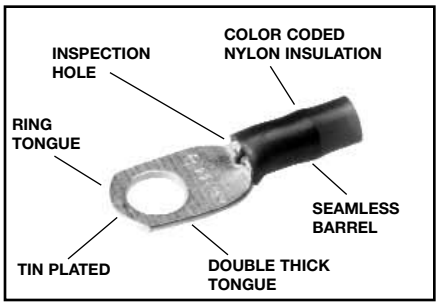
* #10 wire only.

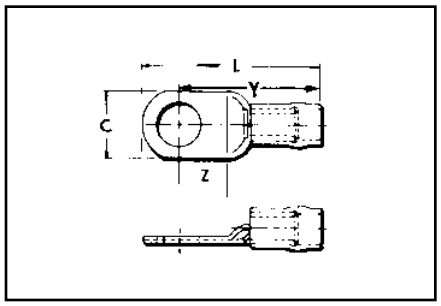
Blue highlighted items are industry standard and most frequently ordered.

TYPES YAEV AND YAEV-L

(Continued)

INSULUG™





Catalog Number	Wire Range	Stud Size †	AS25036 Dash No.	Dimensions C	Z Min.	Y Max.	L Max.	Bulk Catalog Number	Installation Tooling	HYPRESS™ Y29NC Nest	HYPRESS™ Y29NC Indentor	Wire Strip Length
YAEV8C-L14 BOX	8 Str. Max. Insul. Dia. Accom.: .258 Color Code: Red	6-8	—	.41	.28	1.20	1.40	**YAEV8C-L14**	Ratchet: M8ND with N8CET-2 Die Non-Ratchet: MY28-6* Hydraulic: Y35, Y39 with U8CET Die Set	DEV8L		7/16″
YAEV8C-L BOX		8-10	-115	.41	.28	1.20	1.40	**YAEV8C-L**				
YAEV8C-L1 BOX		1/4	-116	.46	.33	1.24	1.47	**YAEV8C-L1**				
YAEV8C-L2 BOX		5/16	-117	.57	.35	1.28	1.55	**YAEV8C-L2**				
YAEV8C-L3 BOX		3/8	-118	.57	.35	1.39	1.55	**YAEV8C-L3**				
YAEV8C-L4 BOX		1/2	—	.73	.47	1.39	1.75	**YAEV8C-L4**				
—	6 Str. Max. Insul. Dia. Accom.: .313 Color Code: Blue	8-10	-119**	.48	.29	1.33	1.56	**YAEV6C-L1****	Non-Ratchet: MY28-6* Hydraulic: Y35, Y39 with U6CET Die Set	DEV6L	Y29PLE-1 Y29PLE-1	1/2″
—		1/4	-120**	.48	.29	1.33	1.56	**YAEV6C-L****				
—		5/16	-121**	.60	.36	1.39	1.68	**YAEV6C-L4****				
—		3/8	-122**	.60	.36	1.39	1.68	**YAEV6C-L2****				
—		1/2	—	.73	.47	1.53	1.91	**YAEV6C-L10**				
—	4 Str. Max. Insul. Dia. Accom.: .374 Color Code: Yellow	8-10	—	.55	.28	1.40	1.62	**YAEV4C-L3**	Non-Ratchet: MY28-6* Hydraulic: Y35, Y39 with U4CET Die Set	DEV4L		1/2″
—		1/4	-123	.55	.28	1.37	1.62	**YAEV4C-L**				
—		5/16	-124	.63	.34	1.43	1.74	**YAEV4C-L4**				
—		3/8	-125	.63	.34	1.43	1.74	**YAEV4C-L2**				
—		1/2	—	.73	.47	1.56	1.92	**YAEV4C-L5**				
—	2 Str. Max. Insul. Dia. Accom.: .459 Color Code: Red	10	—	.69	.35	1.72	2.03	**YAEV2C-L3**	Non-Ratchet: MY28-6* Hydraulic: Y35, Y39 with U2CET Die Set	DEV2L	Y29PLE Y29PLE	5/8″
—		1/4	-126	.69	.35	1.61	2.03	**YAEV2C-L1**				
—		5/16	—	.69	.35	1.68	2.03	**YAEV2C-L2**				
—		3/8	-127	.69	.35	1.69	2.03	**YAEV2C-L**				
—		1/2	-128	.77	.47	1.80	2.16	**YAEV2C-L4**				
—	1 Str. Max. Insul. Dia. Accom.: .516 Color Code: White	1/4	-129	.76	.38	1.63	2.14	**YAEV1C-L1**	Non-Ratchet: MY28-6* Hydraulic: Y35, Y39 with U1CET Die Set	DV26L		5/8″
—		5/16	—	.76	.38	1.71	2.14	**YAEV1C-L2**				
—		3/8	-130	.76	.38	1.72	2.14	**YAEV1C-L**				
—		1/2	-131	.86	.47	1.86	2.27	**YAEV1C-L3**				
—	1/0 Str. Max. Insul. Dia. Accom.: .564 Color Code: Blue	1/4	-132	.83	.43	1.97	2.40	**YAEV25-L1**	Non-Ratchet: MY28-6* Hydraulic: Y35, Y39 with U25ET Die Set	DEV25L		11/16″
—		5/16	—	.83	.43	1.97	2.40	**YAEV25-L2**				
—		3/8	-133	.83	.43	1.97	2.40	**YAEV25-L**				
—		1/2	-134	.88	.47	2.02	2.46	**YAEV25-L3**				
—		5/8	—	.88	.63	2.17	2.67	**YAEV25-L4**				
—	2/0 Str. Max. Insul. Dia. Accom.: .628 Color Code: Yellow	1/4	—	.93	.49	2.19	2.72	**YAEV26-L1**	Non-Ratchet: MY28-6* Hydraulic: Y35, Y39, Y750 with U26ET Die Set	DEV26L		13/16″
—		5/16	-135	.93	.49	2.19	2.72	**YAEV26-L2**				
—		3/8	-136	.93	.49	2.19	2.72	**YAEV26-L**				
—		1/2	-137	.93	.49	2.27	2.72	**YAEV26-L3**				

† Additional terminal stud sizes available.
* BMY, BNCH-MT bench mount adapter available.
** **NOTE:** Add suffix "M" to cat. number to conform to AS25036 - standard for these items only (example: YAEV6C-L1M).
See above. Contact BURNDY® for UL Listed products.

Blue highlighted items are industry standard and most frequently ordered.

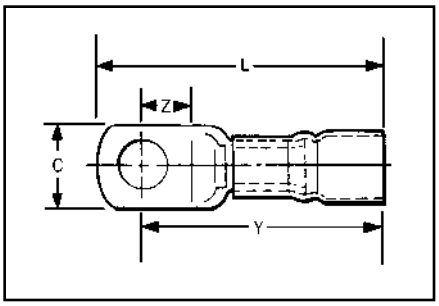
TYPE YAEV-H

INSULUG™

Ring-Tongue Terminals

Nylon-Insulated
For Expanded Insulation





Designed to accommodate larger conductor insulation diameters. Made of one piece tin plated pure electrolytic seamless copper tubing for maximum conductivity and ductility. Color-coded insulating sleeves are locked into position. Inspection hole permits visual check of wire insertion. Meets requirements of SAE-AS7928.

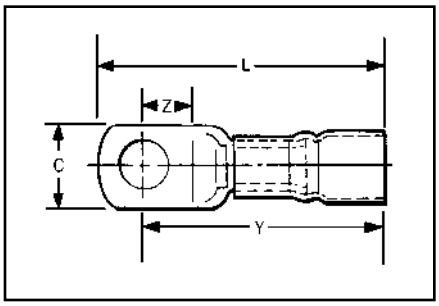
Bulk Catalog Number	Wire Range	Stud Size	C	Z Min.	Y Max.	L Max.	Installation Tooling			Wire Strip Length
							HYTOOL™ HYPRESS™	Y29NC, Y29BH		
								Nest	Indentor	
YAEV8C-H14	8 Max. Insul. Dia.: .30″ Sleeve Color: Red	6-8	.41	.25	1.32	1.54	M8ND with N8CET-2 Die MY28-6* Y35, Y39 with U8CET Die	DEV8L	Y29PLE-1	7/16″
YAEV8C-H		8-10	.41	.25	1.34	1.54				
YAEV8C-H1		1/4	.46	.28	1.37	1.61				
YAEV8C-H2		5/16	.57	.33	1.39	1.68				
YAEV8C-H3		3/8	.57	.33	1.39	1.68				
YAEV8C-H4		1/2	.73	.47	1.52	1.91				
YAEV6C-H1	6 Max. Insul. Dia.: .38″ Sleeve Color: Blue	8-10	.48	.28	1.48	1.73	MY28-6* Y35, Y39 with U6CET Die Set	DEV6L	Y29PLE-1	1/2″
YAEV6C-H		1/4	.48	.28	1.48	1.73				
YAEV6C-H4		5/16	.60	.33	1.54	1.85				
YAEV6C-H2		3/8	.60	.34	1.54	1.85				
YAEV6C-H10		1/2	.73	.47	1.68	2.06				
YAEV4C-H3	4 Max. Insul. Dia.: .44″ Sleeve Color: Yellow	8-10	.55	.28	1.60	1.87	MY28-6* Y35, Y39 with U4CET	DEV4L	Y29PLE-1	1/2″
YAEV4C-H		1/4	.55	.28	1.60	1.87				
YAEV4C-H4		5/16	.62	.34	1.66	1.98				
YAEV4C-H2		3/8	.62	.34	1.66	1.98				
YAEV4C-H5		1/2	.73	.47	1.79	2.18				
YAEV2C-H3	2 Max. Insul. Dia.: .52″ Sleeve Color: Red	8-10	.69	.35	1.98	2.34	MY28-6* Y35, Y39 with U2CET Die	DEV2L	Y29PLE	5/8″
YAEV2C-H1		1/4	.69	.35	1.98	2.34				
YAEV2C-H2		5/16	.69	.35	1.98	2.34				
YAEV2C-H		3/8	.69	.35	1.98	2.34				
YAEV2C-H4		1/2	.77	.47	2.10	2.49				
YAEV1C-H1	1 Max. Insul. Dia.: .58″ Sleeve Color: White	1/4	.76	.38	2.10	2.49	MY28-6* Y35, Y39 with U1CET Die	DV26L	Y29PLE	5/8″
YAEV1C-H2		5/16	.76	.38	2.10	2.49				
YAEV1C-H		3/8	.76	.38	2.10	2.49				
YAEV1C-H3		1/2	.86	.47	2.10	2.62				

* BMY BNCH-MT bench mount adapter available.

Blue highlighted items are industry standard and most frequently ordered.

TYPE YAEV-H
(Continued)





Bulk Catalog Number	Wire Range	Stud Size	C	Z Min.	Y Max.	L Max.	Installation Tooling			Wire Strip Length
							HYTOOL™ HYPRESS™	Y29NC, Y29BH		
								Nest	Indentor	
YAEV25-H1	1/0	1/4	.83	.43	2.39	2.82	MY28-6* Y35, Y39 with U25ET Die Set	DEV25L	Y29PLE	11/16”
YAEV25-H2	Max. Insul.	5/16	.83	.43	2.39	2.82				
YAEV25-H	Dia.: .66”	3/8	.83	.43	2.39	2.82				
YAEV25-H3	Sleeve	1/2	.88	.47	2.43	2.88				
YAEV25-H4	Color: Blue	5/8	.88	.62	2.59	3.10				
YAEV26-H1	2/0	1/4	.94	.48	2.65	3.13	MY28-6* Y35, Y39 with U26ET Die Set	DEV26L	Y29PLE	13/16”
YAEV26-H2	Max. Insul.	5/16	.94	.48	2.65	3.13				
YAEV26-H	Dia.: .73”	3/8	.94	.48	2.65	3.13				
YAEV26-H3	Sleeve Color:	1/2	.94	.48	2.65	3.13				
YAEV26-H12	Yellow	5/8	.94	.62	2.70	3.33				

* BMY BNCH-MT bench mount adapter available.

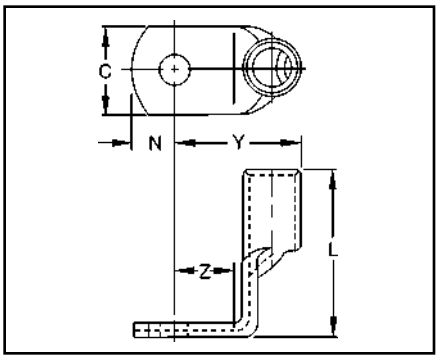
TYPES YAV-R, YAV-RS

HYLUG™

Heavy Duty Right-Angle Terminals

Factory formed right angle HYLUG™ connectors made of seamless pure copper tubing. These rugged terminals withstand the most severe applications. Inspection hole in barrel permits visual check of wire insertion. Tin plated to resist corrosion. Meets requirements of SAE-AS7928.





Catalog Number	Wire Range	Stud Size	Dimensions					Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Min.	N		
YAV18-R	22-18	8-10	.31	.35	.54	.25	.16	Non-Ratchet: Y10D Ratchet: Y8MRB-1, MR20, MR8-G98, MR8-9Q	1/4
YAV14-RL33	20-14	4-6	.25	.37	.45	.21	.12		
YAV14-R		8-10	.31	.38	.57	.25	.16		
YAV10-R	12-10	8-10	.38	.55	.58	.25	.19		5/16
YAV10-R3 BOX		1/4	.47	.57	.60	.28	.23		

Bulk Catalog Number	Wire	Stud	Dimensions in Inches					Installation Tooling			Wire Strip Length	Tool ▲ Index Number
			C	L Max.	Y Max.	Z Min.	N	HYTOOL™	HYPRESS™ Y29NC, Y29BH Nest	HYPRESS™ Y29NC, Y29BH Indentor		
YAV8C-RS	8	8-10	.41	1.00	.75	.25	.20	MY28 MY29-11	DV8L*	Y29PL	7/16″	38
YAV8C-RS1		1/4	.41	1.00	.79	.28	.20					
YAV8C-RS3		3/8	.56	1.00	.85	.34	.20					
YAV6C-RS1	6	8-10	.50	1.02	.81	.28	.25		DV6L		1/2″	39
YAV6C-RS		1/4	.50	1.02	.81	.28	.25					
YAV6C-RS4		5/16	.59	1.02	.89	.34	.31					
YAV6C-RS2		3/8	.59	1.02	.89	.34	.31					
YAV4C-RS3	4	8-10	.53	1.04	.87	.28	.25		DV4L			40
YAV4C-RS		1/4	.53	1.04	.87	.28	.25					
YAV4C-RS4		5/16	.62	1.04	.95	.34	.31					
YAV4C-RS2		3/8	.62	1.04	.95	.34	.31					
YAV2C-RS1	2	1/4	.68	1.27	1.05	.34	.33		DV2L		5/8″	41
YAV2C-RS2		5/16	.68	1.27	1.05	.34	.33					
YAV2C-RS		3/8	.68	1.27	1.05	.34	.33					
YAV1C-RS1	1	1/4	.73	1.35	1.15	.34	.33		DV1L		5/8″	42
YAV1C-RS2		5/16	.73	1.35	1.15	.34	.33					
YAV25-RS	1/0	3/8	.82	1.51	1.29	.43	.39		DV25L	Y29PR	11/16″	43
YAV25-RS3		1/2	.88	1.51	1.32	.47	.44					
YAV26-RS	2/0	3/8	.92	1.63	1.40	.47	.39		DV26L		13/16″	44
YAV26-RS3		1/2	.92	1.63	1.40	.47	.39					
YAV27-RS	3/0	3/8	1.02	1.65	1.54	.47	.48		—	—	7/8″	45
YAV28-RS	4/0	3/8	1.13	1.80	1.54	.47	.48					46

* For aircraft applications (Flex\ible Cable) use die DV8L-1.

▲ See Present Installation Tool Index starting on page 0-35.

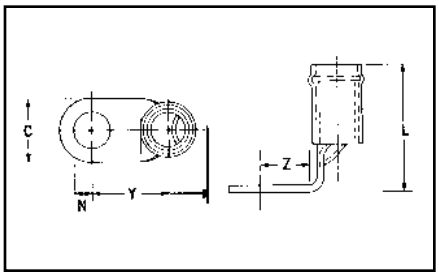
Blue highlighted items are industry standard and most frequently ordered.

TYPES YAEV-RS

INSULUG™

Nylon-Insulated
Right-Angle Terminals

Factory formed right angle INSULUG™ connectors made of seamless pure copper tubing. These rugged terminals withstand the most severe applications. Inspection hole in barrel permits visual check of wire insertion. Meets requirements of SAE-AS7928.



Catalog Number	Wire Size	Stud Size	N	C	Z Min.	Y Max.	L Max.	Installation Tooling			Length
								HYTOOL™	HYPRESS™ Y29NC, Y29BH		
									Nest	Indentor	
YAEV8C-RS	8 Max. Insul. Dia.: .258″ Sleeve Color: Red	8-10	.20	.41	.25	.82	1.25	A	DEV8L	Y29PLE-1	7/16″
YAEV8C-RS1		1/4	.25	.41	.28	.84	1.25				
YAEV6C-RS1	6 Max. Insul. Dia.: .313″ Sleeve Color: Blue	8-10	.25	.50	.28	.88	1.28	B	DEV6L		1/2″
YAEV6C-RS		1/4	.25	.50	.28	.88	1.20				
YAEV4C-RS	4 Max. Insul. Dia.: .374″ Sleeve Color: Yellow	1/4	.25	.53	.28	.95	1.28	C	DEV4L		1/2″
YAEV4C-RS2		3/8	.31	.62	.34	1.02	1.28				
YAEV2C-RS1	2 Max. Insul. Dia.: .459″ Sleeve Color: Red	1/4	.33	.68	.34	1.13	1.62	D	DEV2L	Y29PLE	5/8″
YAEV2C-RS		3/8	.33	.68	.34	1.13	1.62				
YAEV1C-RS2	1 Max. Insul. Dia.: .516″ Sleeve Color: White	5/16	.33	.73	.34	1.22	1.65	E	DV26L		5/8″
YAEV1C-RS		3/8	.33	.73	.34	1.22	1.65				
YAEV25-RS	1/0 Max. Insul. Dia.: .564″ Sleeve Color: Blue	3/8	.39	.81	.43	1.46	1.88	F	DEV25L		11/16″
YAEV26-RS	2/0 Max. Insul. Dia.: .628″ Sleeve Color: Yellow	3/8	.39	.92	.47	1.48	2.06	G	DEV26		13/16″

A	B	C	D	E	F	G
Ratchet: M8ND with N8CET-2 Die Non-Ratchet: MY28-6†† Hydraulic: Y35, Y39 with U8CET Die Set	Non-Ratchet: MY28-6†† Hydraulic: Y35, Y39 with U6CET Die Set	Non-Ratchet: MY28-6†† Hydraulic: Y35, Y39 with U4CET Die Set	Non-Ratchet: MY28-6†† Hydraulic: Y35, Y39 with U2CET Die Set	Non-Ratchet: MY28-6†† Hydraulic: Y35, Y39 with U1CET Die Set	Non-Ratchet: MY28-6†† Hydraulic: Y35, Y39 with U25ET Die Set	Non-Ratchet: MY28-6†† Hydraulic: Y35, Y39 with U26ET Die Set

†† BMY BNCH-MT bench mount adapter available.

Blue highlighted items are industry standard and most frequently ordered.

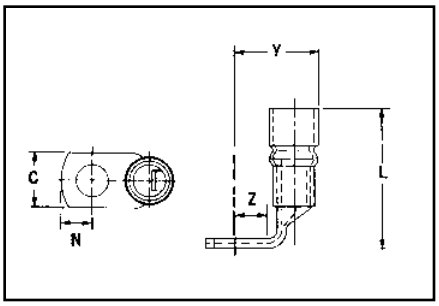
TYPE YAEV-RH

INSULUG™

Nylon-Insulated
Right-Angle Terminals

Designed to Accommodate
Larger Conductor
Insulation Diameters





Factory formed right angle INSULUG™ connectors made of seamless pure copper tubing. These rugged terminals withstand the most severe applications. Inspection hole in barrel permits visual check of wire insertion. Tin plated to resist corrosion. Meets requirements of SAE-AS7928.

Catalog Number	Wire Size	Stud Size	N	C	Z Min.	Y Max.	L Max.	Installation Tooling			Length
									HYPRESS™ Y29NC, Y29BH		
								HYTOOL™	Nest	Indentor	
YAEV8C-RH	8 Max. Insul. Dia.: .30″ Sleeve Color: Red	8-10	.20	.41	.25	.87	1.38	A	DEV8L	Y29PLE-1	7/16″
YAEV8C-RH1		1/4	.25	.41	.28	.90	1.38				
YAEV6C-RH1	6 Max. Insul. Dia.: .38″ Sleeve Color: Blue	8-10	.25	.50	.28	.97	1.43	B	DEV6L		1/2″
YAEV6C-RH		1/4	.25	.50	.28	.97	1.43				
YAEV4C-RH	4 Max. Insul. Dia.: .44″ Sleeve Color: Yellow	1/4	.25	.53	.28	1.04	1.53	C	DEV4L		1/2″
YAEV4C-RH2		3/8	.31	.62	.34	1.11	1.53				
YAEV2C-RH1	2 Max. Insul. Dia.: .52″ Sleeve Color: White	1/4	.33	.67	.34	1.22	1.88	D	DEV2L	Y29PLE	5/8″
YAEV2C-RH		3/8	.33	.67	.34	1.22	1.88				
YAEV1C-RH2	1 Max. Insul. Dia.: .52″ Sleeve Color: White	5/16	.33	.73	.34	1.32	1.99	E	DV26L		5/18″
YAEV1C-RH		3/8	.33	.73	.34	1.32	1.99				
YAEV25-RH	1/0 Max. Insul. Dia.: .66″ Sleeve Color: Blue	3/8	.39	.81	.43	1.50	2.29	F	DEV25L		11/16″
YAEV26-RH	2/0 Max. Insul. Dia.: .73″ Sleeve Color: Yellow	3/8	.39	.92	.47	1.60	2.42	G	DEV26L		13/16″

A	B	C	D	E	F	G
Ratchet: M8ND with N8CET-2 Die Non-Ratchet: MY28-6†† Hydraulic: Y35, Y39 with U8CET Die Set	Non-Ratchet: MY28-6†† Hydraulic: Y35, Y39 with U6CET Die Set	Non-Ratchet: MY28-6†† Hydraulic: Y35, Y39 with U4CET Die Set	Non-Ratchet: MY28-6†† Hydraulic: Y35, Y39 with U2CET Die Set	Non-Ratchet: MY28-6†† Hydraulic: Y35, Y39 with U1CET Die Set	Non-Ratchet: MY28-6†† Hydraulic: Y35, Y39 with U25ET Die Set	Non-Ratchet: MY28-6†† Hydraulic: Y35, Y39 with U26ET Die Set

†† BMY BNCH-MT bench mount adapter available.

Blue highlighted items are industry standard and most frequently ordered.

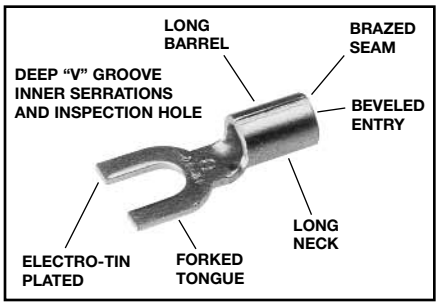
TYPES T-F AND YAD-F

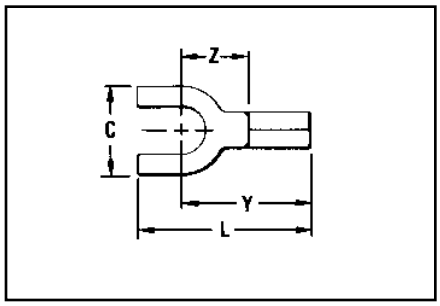
HYLUG™

Uninsulated Compression Terminal, Fork Tongue

Type T-F is constructed in the same manner as the type "T" and employs a fork tongue.

The fork permits rapid installation of the terminal under a screw head without completely removing the screw. Two or more terminals may be stacked easily on a common stud.





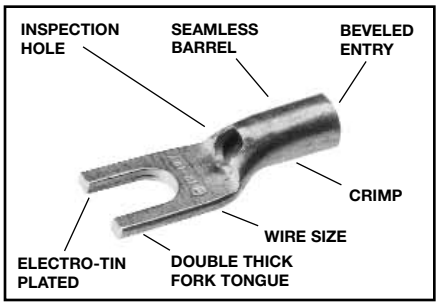
Catalog Number	Wire Range	Stud Size	Dimensions				Bulk Catalog Number	Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Min.			
T18-6F	22-18	4-6	.28	.68	.55	.25	**YAD18-6F**	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8G98 Y8MRB-1, MR20	9/32″
T18-8F		6-8	.31	.74	.57	.27	**YAD18-8F**		
T18-10F		8-10	.37	.74	.58	.29	—		
T18-14F			.47	.92	.69	.39	**YAD18-14F**		
T14-6F	20-14	4-6	.28	.68	.55	.25	**YAD14-6F**	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8G98, Y8MRB-1, MR20	9/32″
T14-8F		6-8	.31	.74	.57	.27	**YAD14-8F**		
T14-10F		8-10	.37	.74	.58	.29	**YAD14-10F**		
T14-14F			.47	.92	.69	.39	**YAD14-14F**		
T10-6F	12-10	4-6	.28	.74	.61	.25	**YAD10-6F**	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8G98, Y8MRB-1, MR20	11/32″
T10-8F		6-8	.31	.80	.63	.27	**YAD10-8F**		
T10-10F		8-10	.41	.87	.68	.32	**YAD10-10F**		
T10-14F			.50	1.00	.75	.39	—		

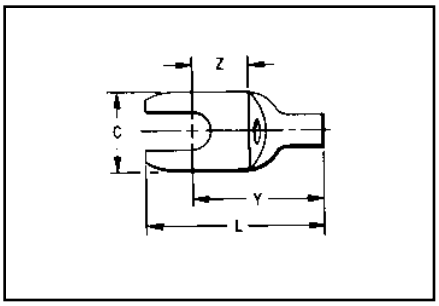
Blue highlighted items are industry standard and most frequently ordered.

TYPES YAV-T-F BOX AND YAV-T-F

HYLUG™

Seamless Uninsulated
Compression
Fork Tongue Terminal





The type YAV-T-F HYLUG™ is a seamless heavy duty uninsulated compression fork-tongue terminal manufactured from electro-lytic copper for use on copper commercial (code) cable, Type AN aircraft cable and extra flexible conductors.

The seamless design produces a double thick tongue and the seamless barrel provides a strong highly reliable connection.

All the benefits of the Type YAV apply for the same wire sizes.

Features and Benefits

- Fork tongue.
  - ◊ Allows installation of compression terminal under screw head without complete removal of the screw.

Catalog Number	Wire Range	Stud Size	Dimensions				Bulk Catalog Number	Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Min.			
YAV18-T19F BOX	22-18	4-6	.31	.80	.55	.25	**YAV18-T19F**	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8-G98, MR8-9Q, MR20, Y8MRB-1	9/32″
YAV18-T21F BOX		8-10	.37	.80	.55	.25	**YAV18-T21F**		
YAV14-T32F BOX	20-14	4-6	.31	.80	.57	.25	**YAV14-T32F**		9/32″
YAV14-T34F BOX		8-10	.37	.82	.60	.26	**YAV14-T34F**		
YAV10-T21F BOX	12-10	8-10	.38	.91	.69	.26	**YAV10-21F**		7/16″
YAV10-T23F BOX		1/4″	.47	1.00	.75	.34	**YAV10T23F**		

Blue highlighted items are industry standard and most frequently ordered.

TYPES YAV-H-F BOX, YAV-H-F AND YAV-Z

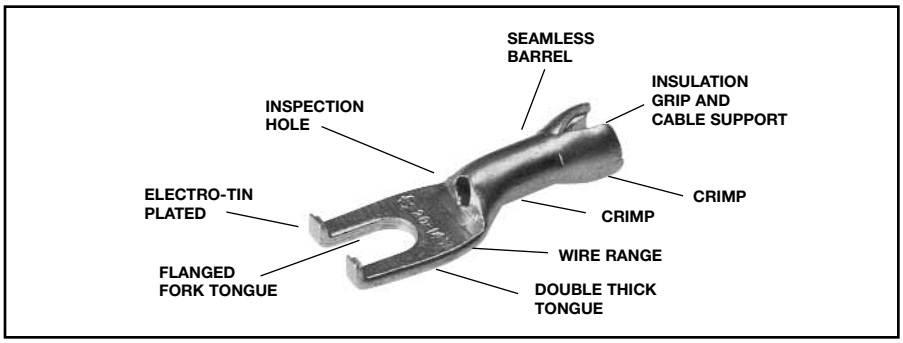
HYLUG™

Uninsulated Compression Terminal Fork Tongue With Seamless Shroud

The type "YAV-H-F" HYLUG™ is a seamless heavy duty uninsulated compression fork tongue terminal with a shroud for an insulation grip and cable support. Manufactured from electrolytic copper tubing for use on copper commercial (code) cable, Type "AN" aircraft and extra flexible conductors.

The seamless tubing produces a double thick tongue while the seamless barrel design provides a very strong connector for very demanding applications that require highly reliable connections.

In addition to the benefits described for the YAV box series of connectors the YAVH-F Box and YAV-Z terminals provide the following benefits.



Features and Benefits

- Fork tongue.
  - ◇ Allows installation of compression terminal under screw head without complete removal of the screw thereby lowering installation costs.
- Flanged fork tongue.
  - ◇ Allows installation of compression terminal under screw head without complete removal of the screw plus aids in maintaining the terminal on the stud should the screw loosen slightly.

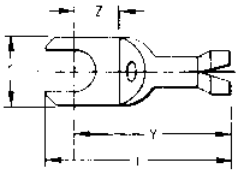


Fig. 1

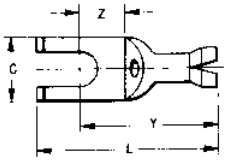


Fig. 2

Catalog Number	Fig.	Wire Range	Stud Size	Max. Insul. Dia. Accom.	Dimensions C	L Max.	Y Max.	Z Min.	Bulk Catalog Number	Installation Tooling	Wire Strip Length
YAV18-H6F BOX	1	22-18	4-6	.120	.25	.89	.80	.19	**YAV18-H6F**	Non-Ratchet: Y10D*, Y14MV, Y10-22* Ratchet: MR8-G98, MR8-9Q, Y8MRB-1*, MR20, and M8ND with N14HT-5 Die or N14HT	1/4″
YAV18-H19 BOX	1		4-6	.120	.30	.97	.75	.21	**YAV18-H19F**		
YAV18-H21F BOX	1		8-10	.120	.37	.97	.76	.22	**YAV18-H21F**		
YAV14-Z5 BOX	2	20-14	4-6	.150	.31	.89	.69	.13	**YAV14-Z5**		
YAV14-H32F BOX	1		4-6	.150	.30	.96	.78	.23	**YAV14-H32F**		
YAV14-H56F BOX	1		6-8	.150	.30	.96	.78	.23	**YAV14-H56F**		
YAV14-H34F BOX	1		8-10	.150	.37	.96	.78	.23	**YAV14-H34F**		
YAV14-HF BOX	1		8-10	.150	.31	.93	.78	.23	**YAV14-HF**		
YAV14-Z6 BOX	2		8-10	.150	.37	1.04	.78	.21	**YAV14-Z6**		
YAV10-HF BOX	1	12-10	8-10	.192	.38	1.07	.92	.24	**YAV10-HF**	N10HT-24	7/16″

* Crimps conductor crimp only.

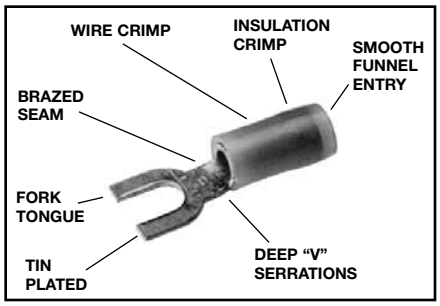
Blue highlighted items are industry standard and most frequently ordered.

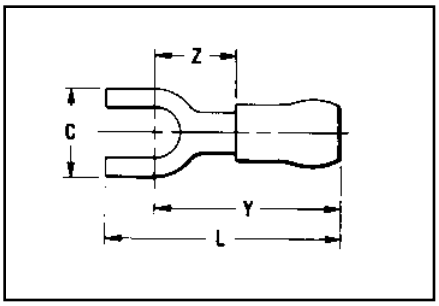
TYPES TN-F AND YAES-F

INSULUG™

Terminal — Nylon Insulated, Fork Tongue

300 Volts Max., 105° C Max.





The type TN-F, nylon insulated fork tongue terminal has the same high quality as the TN. It is designed to meet the heavy-duty requirements of industrial and utility applications.

Used on both power and control circuits for wire sizes #26 AWG through #10 AWG. The TN-F provides high dielectric strength and stability in oily conditions.

The TN-F is identical to the TN with the addition of a fork tongue which allows installation without complete removal of its supporting screw.

Features and Benefits

- Fork tongue.
  - ◊ Provides faster and easier installation by permitting insertion under the screw head without completely removing it.

Catalog Number	Wire Range	Stud Sizes	Dimensions				Bulk Catalog Number	Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Min.			
TN20-2F*	26-20 Max. Insul. Dia. Accom.: .098 Color Code: Amber	1-2	.18	.76	.65	.24	—	M8ND with N14HET-25V1 Die Set	3/16″
TN20-6F*		4-6	.28	.80	.70	.28	—		
TN18-6F	22-18 Max. Insul. Dia. Accom.: .120 Color Code: Red	4-6	.28	.79	.65	.24	**YAES18N1F**	Non-Ratchet: Y10D, Y10-22	7/32″
TN18-8F		6-8	.31	.84	.67	.26	—		
TN18-10F		8-10	.37	.84	.68	.27	**YAES18N3F**		
TN18-14F		1/4	.47	1.03	.79	.38	—		
TN14-6F	16-14 Max. Insul. Dia. Accom.: .153 Color Code: Blue	4-6	.28	.79	.65	.24	**YAES14N6F**		7/32″
TN14-8F		6-8	.31	.84	.67	.26	**YAES14N53F**		
TN14-10F		8-10	.37	.84	.68	.27	**YAES14N8F**		
TN14-14F		1/4	.47	1.03	.79	.38	**YAES14N54F**		
TN10-6F	12-10 Max. Insul. Dia. Accom.: .209 Color Code: Yellow	4-6	.28	.96	.82	.24	**YAES10N11F**	Ratchet: MR8-83**, MR18	11/32″
TN10-8F		6-8	.31	1.01	.84	.26	**YAES10N56F**		
TN10-10F		8-10	.41	1.09	.89	.31	**YAES10N12F**		
TN10-14F		1/4	.50	1.21	.96	.38	**YAES10N57F**		

* These sizes not UL Listed.
** Or other tool conforming to military specification AS25036 or AS90413

Blue highlighted items are industry standard and most frequently ordered.

TYPES YAE-N-F BOX AND YAE-N-F

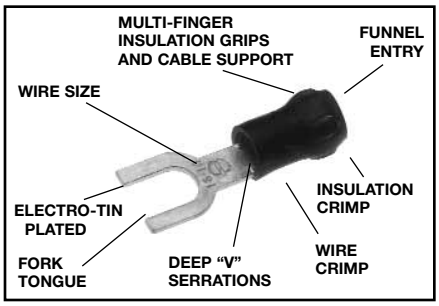
INSULUG™

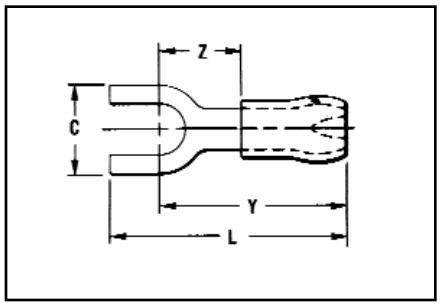
Terminal — Nylon Insulated, Fork Tongue

Multi-Finger Insulation Grip

300 Volts Max., 105° C Max.

INSULUG™ type YAE-N-F nylon insulated terminals are designed with a Multi-Finger Insulation grip, are rated 105° C and are supplied with a fork tongue for easy terminal insertion and removal.





Features and Benefits

- Fork tongue.
  - ◇ Permits rapid easy installation of the terminal under the screw head without complete removal of the screw.

Catalog Number	Wire Range	Stud Size	Dimensions C	L Max.	Y Max.	Z Min.	Bulk Catalog Number	Installation Tooling	Tape Mounted Catalog Number 2000/Reel	Installation Tooling	Wire Strip Length
YAE22N65F BOX•	24 - 20 Max. Insul. Dia.: .098″ Sleeve Color: Amber	1 - 2	.18	.73	.65	.24	**YAE22N65F•**	Ratchet: M8ND N14HET25V1 Die	**YAE22N65FM•**	TFM with DFM11D1 Die	5/32″
YAE22N66F BOX•		4 - 6	.28	.80	.70	.28	**YAE22N66F•**		**YAE22N66FM•**		
YAE18N60F BOX	22 - 16 Max. Insul. Dia.: .125″ Sleeve Color: Red	4	.21	.92	.73	.24	**YAE18N60F**	Non-Ratchet: Y10D or Y10-22 Ratchet: MR8-33T-1, M8ND With one of the following Dies: N14HET-25V1, N10ET-9, N14HET-15, N10ET-23	**YAE18G60FM**	TFM with DFM10D1 Die	3/16″
YAE18G43F BOX		4 - 6	.25	.78	.68	.19	**YAE18G43F**		**YAE18G43FM**		
—			.28	.83	.76	.23	**YAE18N56F**		**YAE18N56FM**		
YAE18N57F BOX		6 - 8	.31	.96	.78	.29	**YAE18N57F**		**YAE18N57FM**		
—	16 - 14 Max. Insul. Dia.: .156″ Sleeve Color: Blue	4 - 6	.28	.87	.76	.26	**YAE14N76F**		**YAE14N76FM**	TFM with DFM9D1 Die	3/16″
YAE14N77F BOX		6 - 8	.31	.96	.78	.29	**YAE14N77F**		**YAE14N77FM**		
YAE14N78F BOX		8 - 10	.36	1.01	.83	.34	**YAE14N78F**		**YAE14N78FM**		

• Not UL recognized.

Blue highlighted items are industry standard and most frequently ordered.

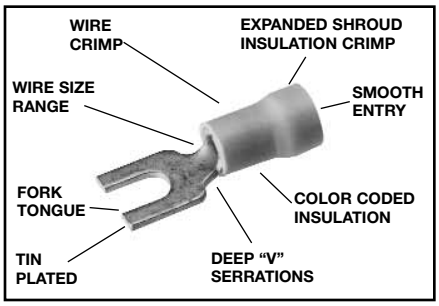
TYPES TP-F AND BA-EF

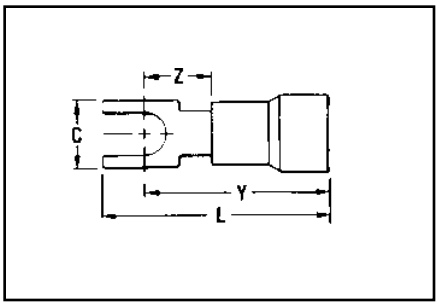
VINYLUG™

Terminal — Polyvinylchloride Insulated, Fork Tongue

600 Volts Max., 105° C Max.

The Type TP-F is a fork tongue variation of the TP design and makes installation easier.





Features and Benefits

- Fork tongue design.
  - ◊ Faster installation-screw needs only to be loosened for termination.

Catalog Number	Wire Range	Stud Size	Dimensions C	L Max.	Y Max.	Z Min.	Bulk Catalog Number •	Installation Tooling	Tape Mounted Catalog Number 2000/Reel	Installation Tooling	Wire Strip Length
TP16-2F	22-16	1-2	.17	.75	.66	.23	**BA16EF2**	Plier Type: Y10-22	**BA16EF2M**	TFM with DFM3D-1 Die	13/64″
TP16-6F	Max. Insul.	4-6	.28	.80	.66	.23	**BA16EF6**		**BA16EF6M**		
TP16-8F	Dia. Accom.: .145	6-8	.31	.86	.69	.26	**BA16EF8**		**BA16EF8M**		
TP16-10F	Color Code: Red	8-10	.41	.95	.75	.31	**BA16EF10**		**BA16EF10M**		
TP14-2F	16-14	1-2	.17	.75	.66	.23	**BA14EF2**	Ratchet Tool: MR8-89-1	—	TFM with DFM2D-1 Die	13/64″
TP14-6F	Max. Insul.	4-6	.28	.80	.66	.23	**BA14EF6**		—		
TP14-8F	Dia. Accom.: .180	6-8	.31	.86	.69	.26	**BA14EF8**		**BA14EF8M**		
TP14-10F	Color Code: Blue	8-10	.41	.95	.75	.31	**BA14EF10**		**BA14EF10M**		
TP10-6F	12-10 Max. Insul.	4-6	.28	.95	.81	.26	**BA10EF6**	MR15, M8ND with N10ET-23	***BA10EF6M**	TFM with DFM1D5 Die	19/64″
TP10-8F	Dia. Accom.: .260	6-8	.31	.98	.81	.26	**BA10EF8**		***BA10EF8M**		
TP10-10F	Color Code: Yellow	8-10	.41	1.07	.87	.31	**BA10EF10**		***BA10EF10M**		

• UL Listed and CSA Certified with MR8-89-1 and MR15.
* 1000/Reel.

Blue highlighted items are industry standard and most frequently ordered.

TYPES YAE-Z BOX AND YAE-Z

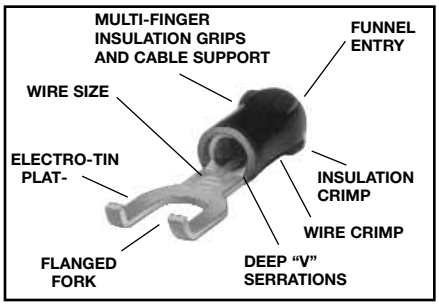
INSULUG™

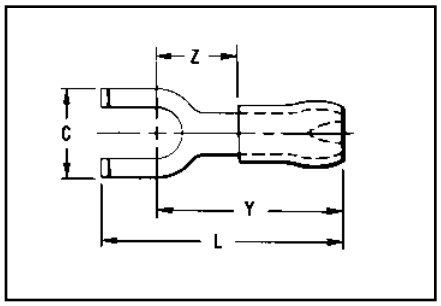
Terminal —
Nylon Insulated, Flanged Fork

Multi-Finger Insulation Grip

300 Volts Max., 105° C Max.

INSULUG™ type YAE-Z is identical to type YAE-N and employs a flanged fork tongue for faster installation while maintaining security if supporting screw becomes loose.





Features and Benefits

- Flanged fork.
  - ◇ Permits rapid, easy installation of the terminal under the screw head without complete removal of the screw. Additionally, it may not be removed with only a slight loosening of the screw.

Catalog Number	Wire Range	Stud Size	Dimensions C	Z Max.	Y Max.	L Max.	Bulk Catalog Number	Installation Tooling
YAE22Z1 BOX	26-20 Max. Insul.	1-2	.18	.24	.65	.75	—	MR8-33T-1,
YAE22Z2 BOX	Dia.: .098″	4-6	.28	.28	.70	.83	**YAE22Z2**	M8ND
YAE22Z3 BOX	Sleeve Color: Amber	6-8	.31	.30	.72	.92	**YAE22Z3**	with one of the
YAE18Z1 BOX	22-16 Max. Insul.	1-2	.18	.22	.73	.83	**YAE18Z1**	following Dies:
YAE18Z2 BOX	Dia. Accom.: (125)	4-6	.28	.26	.76	1.00	**YAE18Z2**	N14HET-15,
YAE18Z3 BOX	Color Code: Red	6-8	.31	.29	.78	1.00	**YAE18Z3**	N10ET-9,
YAE18Z4 BOX		8-10	.36	.34	.83	1.08	**YAE18Z4**	N10ET-23,
YAE14Z2 BOX	16-14 Max. Insul.	4-6	.28	.26	.76	.90	**YAE14Z2**	N14HET-25V1,
YAE14Z3 BOX	Dia. Accom.: (156)	6-8	.31	.29	.78	1.00	**YAE14Z3**	Y10D,
YAE14Z4 BOX	Color Code: Blue	8-10	.36	.34	.83	1.08	**YAE14Z4**	Y10-22
YAE12Z2 BOX	14-12 Max. Insul.	4-6	.28	.27	.90	1.04	**YAE12Z2**	MR833T-1, M8ND
YAE12Z3 BOX	Dia. Accom.: (180)	6-8	.31	.32	.96	1.16	**YAE12Z3**	with N12HET-1,
YAE12Z4 BOX	Color Code: Green	8-10	.36	.35	1.00	1.23	**YAE12Z4**	Y10D, Y10-22

Blue highlighted items are industry standard and most frequently ordered.

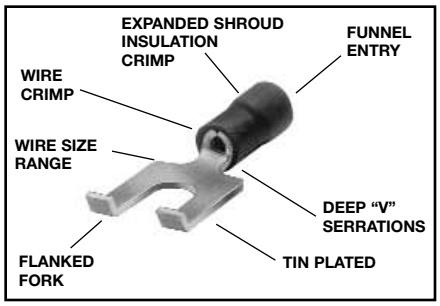
TYPES TP-Z AND BA-EZ

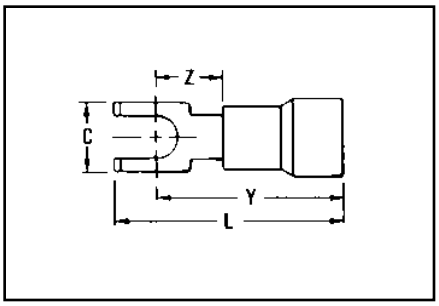
VINYLUG™

Terminal — Polyvinylchloride Insulated, Flanged Fork Tongue

600 Volts Max., 105° C Max.

VINYLUG™ Type TP-Z is a variation of the Type TP and employs a flanged fork tongue for fast installation and security.





Features and Benefits

- Flange fork tongue design.
  - ◇ Allows fast installation—screw only has to be loosened for termination.
- The flanges on the end of the fork terminal aid in preventing a slightly loose terminal from becoming fully disconnected from the screw.
  - ◇ Flanges make re-securing a loose terminal easier.

Catalog Number	Wire Range	Stud Size	Dimensions C	L Max.	Y Max.	Z Min.	Bulk Catalog Number	Installation Tooling
TP16-2Z	22-16	1-2	.17	.78	.66	.23	**BA16EZ2**	
TP16-6Z	Max. Insul.	4-6	.28	.83	.66	.23	**BA16EZ6**	Plier Type:
TP16-8Z	Dia. Accom.: .145	6-8	.31	.88	.69	.26	**BA16EZ8**	Y10-22
TP16-10Z	Color Code: Red	8-10	.41	.96	.75	.31	**BA16EZ10**	
TP14-2Z	16-14	1-2	.17	.78	.66	.23	**BA14EZ2**	
TP14-6Z	Max. Insul.	4-6	.28	.83	.66	.23	**BA14EZ6**	Ratchet Tool:
TP14-8Z	Dia. Accom.: .180	6-8	.31	.88	.69	.26	**BA14EZ8**	MR8-89-1
TP14-10Z	Color Code: Blue	8-10	.41	.96	.75	.31	**BA14EZ10**	
TP10-6Z	12-10 Max. Insul.	4-6	.28	.99	.81	.26	**BA10EZ6**	MR15, M8ND
TP10-8Z	Dia. Accom.: .260	6-8	.31	1.01	.81	.26	**BA10EZ8**	with
TP10-10Z	Color Code: Yellow	8-10	.41	1.09	.81	.31	**BA10EZ10**	N10ET-23

Blue highlighted items are industry standard and most frequently ordered.

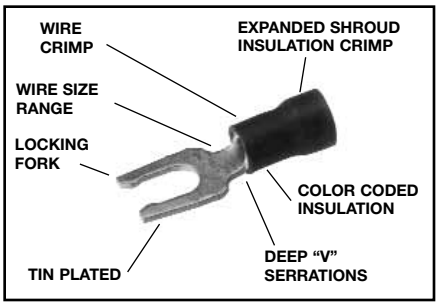
TYPES TP-LF AND BA-EL

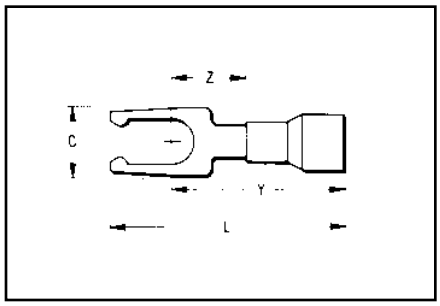
VINYLUG™

Terminal — Polyvinylchloride Insulated, Locking Fork Tongue

600 Volts Max., 105° C Max.

Type TP-LF is a variation of the Type TP design and employs a locking fork tongue for fast installation and security.





Features and Benefits

- Locking fork tongue design.
  - ◊ Allows fast installation—screw only has to be loosened for termination.
- Internal configuration of the fork.
  - ◊ Prevents the terminal from coming off the screw without applying a pulling force.
- Locking fork is made from a copper alloy.
  - ◊ Permits many installations while maintaining proper spring retention of forks.

Catalog Number	Wire Range	Stud Size	Dimensions				Bulk Catalog Number •	Installation Tooling	Tape Mounted Catalog Number 2000/Reel	Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Min.					
TP16-6LF	22-16 Max. Insul. Dia. Accom.: .145 Color Code: Red	4-6	.28	.80	.66	.23	**BA16EL6**	Plier Type: Y10-22	**BA16EL6M**	TFM with DFM3D-1 Die	13/64″
TP16-8LF		6-8	.31	.86	.69	.26	**BA16EL8**		**BA16EL8M**		
TP16-10LF		8-10	.41	.95	.75	.31	**BA16EL10**		**BA16EL10M**		
TP14-6LF	16-14 Max. Insul. Dia. Accom.: .180 Color Code: Blue	4-6	.28	.80	.66	.23	**BA14EL6**	Ratchet Tool: MR8-89-1, MR15	**BA14EL6M**	TFM with DFM2D-1 Die	13/64″
TP14-8LF		6-8	.31	.86	.69	.26	**BA14EL8**		**BA14EL8M**		
TP14-10LF		8-10	.41	.95	.75	.31	**BA14EL10**		**BA14EL10M**		
TP10-6LF	12-10 Max. Insul. Dia. Accom.: .260 Color Code: Yellow	4-6	.28	.95	.81	.26	**BA10EL6**	Ratchet Tool: MR8-89-1, M8ND with N10ET-23	* **BA10EL6M**	TFM with DFM1D5 Die	19/64″
TP10-8LF		6-8	.31	.98	.81	.26	**BA10EL8**		* **BA10EL8M**		
TP10-10LF		8-10	.41	1.07	.87	.31	**BA10EL10**		* **BA10EL10M**		

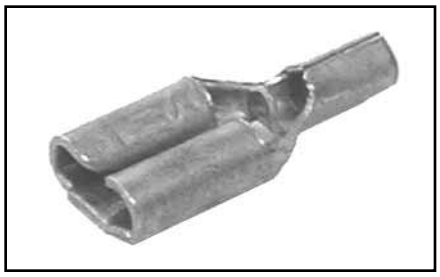
• UL Llisted and CSA Certified with MR8-89-1 and MR15.
* 1000/Reel.

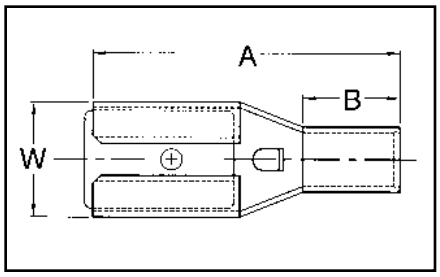
Blue highlighted items are industry standard and most frequently ordered.

TYPE Q-F FINGRIP™

NON-INSULATED FEMALE QUICK DISCONNECTS

Material: Tin-Plated Brass





Features and Benefits

- Butted seam.
- Chamfered barrel opening.
  - ◇ Assures quick and easy wire insertion.
- Dimpled female socket detent.
  - ◇ Ensures firm grip.

FEMALE BARE DISCONNECT TERMINAL

(Mates with Type Q-M male disconnects)

Standard Catalog Number	Std. Pkg. Qty.	Wire Range	NEMA Tab Size	Dimensions A	Dimensions B	Dimensions W	Bulk Catalog Number	Bulk Qty.	Installation Tool*
Q18F18X02D	100	18-22	.187 × .020	0.58	0.17	0.23	**Q18F18X02B**	1000	MR20, Y10D
Q18F25X03D			.250 × .032	0.62	0.17	0.29	**Q18F25X03B**		
Q14F11X02D	100	14-16	.110 × .020	0.55	0.17	0.14	**Q14F11X02B**		
Q14F18X02D			.187 × .020	0.58	0.17	0.20	**Q14F18X02B**		
Q14F25X03D			.250 × .032	0.62	0.17	0.29	**Q14F25X03B**		

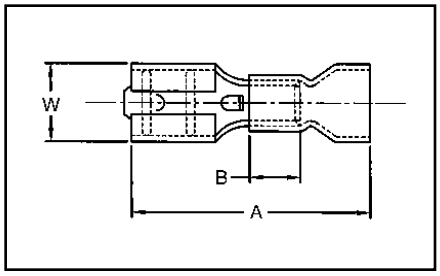
* For UL Listed applications consult BURNDY® factory.

TYPE QP-F FINGRIP™

VINYL INSULATED FEMALE QUICK DISCONNECTS

Material: Tin-Plated Brass
600 Volts Max., 105° C Max.





Features and Benefits

- Butted seam.
- Insulated connectors.
  - ◇ Eliminate the need for post installation insulation.
- Funnel entry barrel opening.
  - ◇ Assures quick and easy wire insertion.
- Dimpled female socket detent.
  - ◇ Ensures firm grip.

FEMALE VINYL DISCONNECT TERMINAL

(Mates with Type QP-M male disconnects)

Standard Catalog Number	Std. Pkg. Qty.	Wire Range	NEMA Tab Size	Dimensions A	Dimensions B	Dimensions W	Bulk Catalog Number	Bulk Pkg. Qty.	Installation Tool*
QP18F110X02D	100	18-22	.110 × .020	0.77	0.24	0.11	—	1000	Y10D
QP18F18X02D			.187 × .020	0.86	0.20	0.22	**QP18F18X02B**		
QP18F25X03D			.250 × .032	0.91	0.20	0.29	**QP18F25X03B**		
QP14F110X02D	100	14-16	.110 × .020	0.77	0.24	0.11	—		
QP14F18X02D			.187 × .020	0.87	0.20	0.23	**QP14F18X02B**		
QP14F25X03D			.250 × .032	0.92	0.20	0.29	**QP14F25X03B**		
QP10F25X03D		10-12	.250 × .032	0.97	0.23	0.29	**QP10F25X03B**		

* For UL Listed applications consult BURNDY® factory.

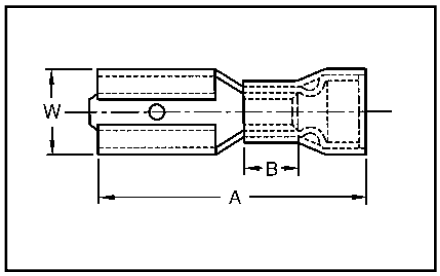
Blue highlighted items are industry standard and most frequently ordered.

TYPE QN-F FINGRIP™

NYLON INSULATED FEMALE QUICK DISCONNECTS

Material: Tin-Plated Brass
300 Volts Max., 105°C Max.





Features and Benefits

- Sleeved barrel.
- Insulated connectors.
  - ◇ Eliminate the need for post installation insulation.
- Funnel entry barrel opening.
  - ◇ Assures quick and easy wire insertion.
- Dimpled female socket detent.
  - ◇ Ensures firm grip.

FEMALE NYLON DISCONNECT TERMINAL

(Mates with Type QN-M male disconnects)

Standard Catalog Number	Std. Pkg. Qty.	Wire Range	NEMA Tab Size	Dimensions			Bulk Catalog Number	Bulk Pkg. Qty.	Installation Tool*
				A	B	W			
QN18F18X02D	100	18-22	.187 × .020	0.86	0.23	0.22	QN18F18X02B	1000	Y10D
QN18F25X03D			.250 × .032	0.91	0.23	0.29	QN18F25X03B		
QN14F18X02D	100	14-16	.187 × .020	0.87	0.23	0.23	QN14F18X02B		
QN14F25X03D			.250 × .032	0.92	0.23	0.29	QN14F25X03B		
QN10F25X03D		12-10	.250 × .032	0.97	0.23	0.25	QN10F25X03B		

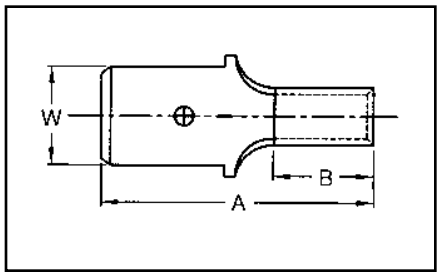
* For UL Listed applications consult BURNDY® factory.

TYPE Q-M FINGRIP™

NON-INSULATED MALE QUICK DISCONNECTS

Material: Tin-Plated Brass





Features and Benefits

- Butted seam.
- Chamfered barrel opening.
  - ◇ Assures quick and easy wire insertion.
- Mates with dimpled female socket detent.
  - ◇ Ensures firm grip.

MALE BARE DISCONNECT TERMINAL

(Mates with Type Q-F female disconnects)

Standard Catalog Number	Std. Pkg. Qty.	Wire Range	NEMA Tab Size	Dimensions			Bulk Catalog Number	Bulk Pkg. Qty.	Installation Tool*
				A	B	W			
Q18M18X02D	100	18-22	.187 × .020	0.55	0.17	0.19	Q18M18X02B	1000	MR20, Y10D
Q18M25X03D			.250 × .032	0.67	0.17	0.25	Q18M25X03B		
Q14M18X02D	100	14-16	.187 × .020	0.55	0.17	0.19	Q14M18X02B	1000	
Q14M25X03D			.250 × .032	0.67	0.17	0.25	Q14M25X03B		

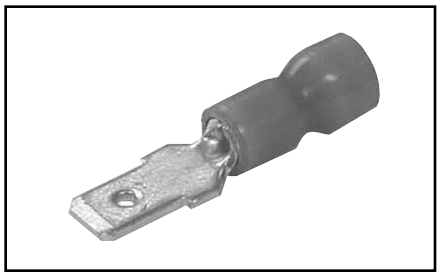
* For UL Listed applications consult BURNDY® factory.

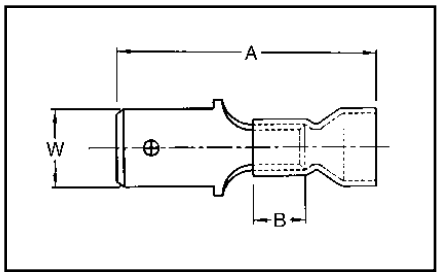
Blue highlighted items are industry standard and most frequently ordered.

TYPE QP-M FINGRIP™

VINYL INSULATED MALE QUICK DISCONNECTS

Material: Tin-Plated Brass
600 Volts Max., 105° C Max.





Features and Benefits

- Butted seam.
- Funnel entry barrel opening.
  - ◇ Assures quick and easy wire insertion.
- Mates with dimpled female socket detent.
  - ◇ Ensures firm grip.

MALE VINYL DISCONNECT TERMINAL

(Mates with Type QP-F female disconnects)

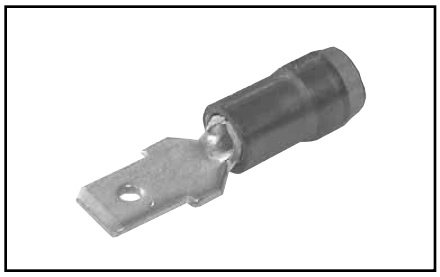
Standard Catalog Number	Std. Pkg. Qty.	Wire Range	NEMA Tab Size	Dimensions			Bulk Catalog Number	Bulk Pkg. Qty.	Installation Tool*
				A	B	W			
QP18M18X02D	100	18-22	.187 × .020	0.83	0.17	0.19	QP18M18X02B	1000	Y10D
QP18M25X03D			.250 × .032	0.95	0.17	0.25	QP18M25X03B		
QP14M18X02D	100	14-16	.187 × .020	0.83	0.17	0.19	QP14M18X02B	1000	
QP14M25X03D			.250 × .032	0.95	0.17	0.25	QP14M25X03B		

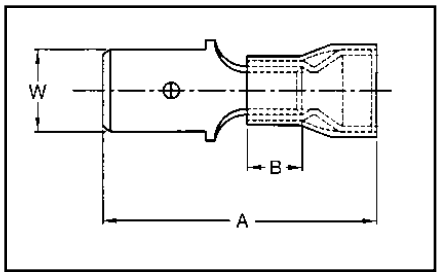
* For UL Listed applications consult BURNDY® factory.

TYPE QN-M FINGRIP™

NYLON INSULATED MALE QUICK DISCONNECTS

Material: Tin-Plated Brass
300 Volts Max., 105° C Max.





Features and Benefits

- Sleeved barrel.
- Funnel entry barrel opening.
  - ◇ Assures quick and easy wire insertion.
- Mates with dimpled female socket detent.
  - ◇ Ensures firm grip.

MALE NYLON DISCONNECT TERMINAL

(Mates with Type QN-F female disconnects)

Standard Catalog Number	Std. Pkg. Qty.	Wire Range	NEMA Tab Size	Dimensions			Bulk Catalog Number	Bulk Pkg. Qty.	Installation Tool*
				A	B	W			
QN18M18X02D	100	18-22	.187 × .020	0.82	0.17	0.19	QN18M18X02B	1000	Y10D
QN18M25X03D			.250 × .032	0.91	0.17	0.25	—		
QN14M18X02D	100	14-16	.187 × .020	0.84	0.17	0.19	QN14M18X02B	1000	
QN14M25X03D			.250 × .032	0.91	0.17	0.25	QN14M25X03B		

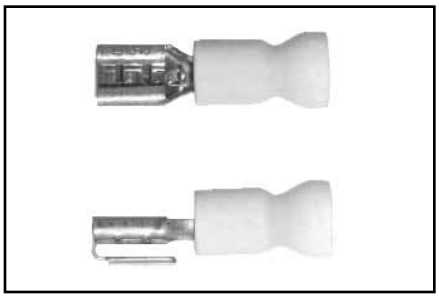
* For UL Listed applications consult BURNDY® factory.

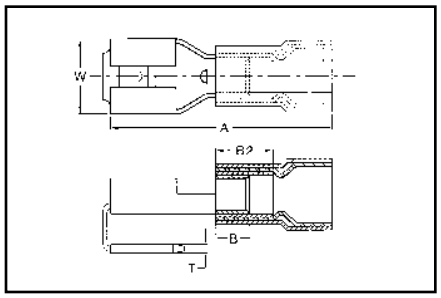
Blue highlighted items are industry standard and most frequently ordered.

TYPES PGP, AND PGN FINGRIP™

MALE/FEMALE COMBINATION QUICK DISCONNECTS

Material: Tin-Plated Brass





Features and Benefits

- Sleeved barrel.
- Combination connector.
  - ◇ Allows for more than one connection to a circuit.
- Funnel entry barrel opening.
  - ◇ Assures quick and easy wire insertion.
- Dimpled female socket detent.
  - ◇ Ensures firm grip.

VINYL COMBINATION DISCONNECT TERMINAL

600 Volts Max. 105° C Max.

Standard Catalog Number	Std. Pkg. Qty.	Wire Range	NEMA Tab Size	Dimensions			Bulk Catalog Number	Bulk Pkg. Qty.	Installation Tool*
				A	B	W			
PGP1825X03D	100	18-22	.250 × .032	0.91	0.17	0.30	**PGP1825X03B**	1000	Y10D
PGP1425X03D	100	14-16	.250 × .032	0.91	0.17	0.30	**PGP1425X03B**	1000	

NYLON COMBINATION DISCONNECT TERMINAL

300 Volts Max. 105° C Max.

Standard Catalog Number	Std. Pkg. Qty.	Wire Range	NEMA Tab Size	Dimensions			Bulk Catalog Number	Bulk Pkg. Qty.	Installation Tool*
				A	B	W			
PGN1825X03D	100	18-22	.250 × .032	0.90	0.17	0.30	**PGN1825X03B**	1000	Y10D
PGN1425X03D	100	14-16	.250 × .032	0.90	0.17	0.30	**PGN1425X03B**	1000	

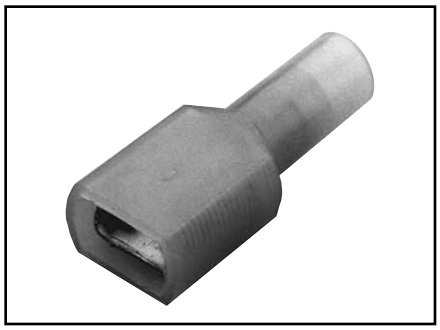
* For UL Listed applications consult BURNDY® factory.

Blue highlighted items are industry standard and most frequently ordered.

TYPES FQN-F AND FQN-M FINGRIP™

NYLON FULLY INSULATED FEMALE AND MALE QUICK DISCONNECTS

Material: Tin-Plated Brass
300 Volts Max., 105° C Max.



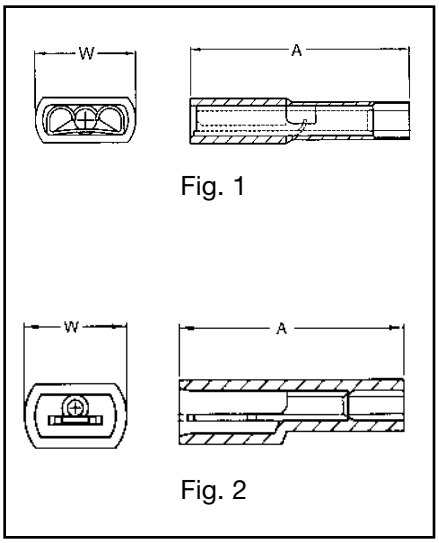


Fig. 1

Fig. 2

Features and Benefits

- Fully insulated connectors.
  - ◇ Eliminate the need for post installation insulation.
- Funnel entry barrel opening.
  - ◇ Assures quick and easy wire insertion.
- Dimpled female socket detent.
  - ◇ Ensures firm grip.

FULLY INSULATED FEMALE NYLON DISCONNECT TERMINAL (Fig. 1)

Standard Catalog Number	Std. Pkg. Qty.	Wire Range	NEMA Tab Size	Dimensions		Bulk Catalog Number	Bulk Pkg. Qty.	Installation Tool*
				A	W			
FQN18F25X03D	50	18-22	.250 × .032	0.98	0.40	FQN18F25X03B	1000	Y10D
FQN14F25X03D	50	14-16	.250 × .032	0.96	0.40	FQN14F25X03B	1000	
FQN10F25X03D	25	10-12	.250 × .032	0.99	0.41	FQN10F25X03B	500	

FULLY INSULATED MALE NYLON DISCONNECT TERMINAL (Fig. 2)

Standard Catalog Number	Std. Pkg. Qty.	Wire Range	NEMA Tab Size	Dimensions		Bulk Catalog Number	Bulk Pkg. Qty.	Installation Tool*
				A	W			
FQN18M25X03D	50	18-22	.250 × .032	1.05	0.48	FQN18M25X03B	1000	Y10D
FQN14M25X03D	50	14-16	.250 × .032	1.03	0.48	FQN14M25X03B	1000	
FQN10M25X03D	25	10-12	.250 × .032	1.03	0.48	FQN10M25X03B	500	

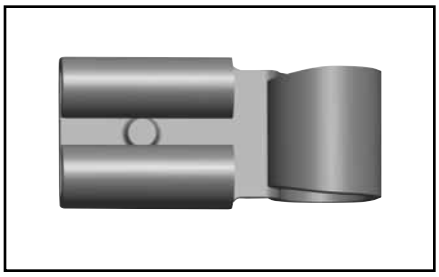
* For UL Listed applications consult BURNDY® factory.
** For Mylar tape reels consult BURNDY® factory.

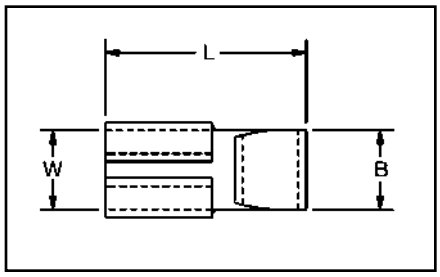
Blue highlighted items are industry standard and most frequently ordered.

TYPE FL FINGRIP™

FLAG-STYLE FEMALE QUICK DISCONNECT

Material: Tin-Plated Brass





Features and Benefits

- Dimpled female socket detent.
  ◇ Ensures firm grip.

FEMALE BARE DISCONNECT TERMINAL

Standard Catalog Number	Std. Pkg. Qty.	Wire Range	NEMA Tab Size	Dimensions			Bulk Catalog Number	Bulk Pkg. Qty.	Installation Tool*
				L	B	W			
FL1825X03D	100	18-22	.250 × .032	0.67	0.17	0.25	**FL1825X03B**	1000	Consult Factory
FL1425X03D	100	14-16	.250 × .032	0.67	0.17	0.25	**FL1425X03B**	1000	
FL1025X03D *	50	10-12	.250 × .032	0.67	0.17	0.25	—	—	

* Not UL Listed or CSA Approved.

UNINSULATED SPLICES

BURNDY® manufactures several designs of uninsulated butt splices. Each type is designed to meet specific application requirements and provide a high quality, electrical splice connection that is easily installed. The following features and benefits apply to all BURNDY® uninsulated splices.

Features and Benefits

- Manufactured from seamless tubing.
  - ◇ A high quality design with no seams to split.
- Electrolytic copper.
  - ◇ Provides maximum conductivity, low resistance and ductility for excellent crimp forming properties.
- Electro-tin plated.
  - ◇ Provides durable long lasting resistance to corrosion.
- Positive center wire stops.
  - ◇ Provides proper depth of wire insertion.
- Marked with wire size.
  - ◇ Provides easy wire size identification.
- The HYLINK™ splice connectors have inspection holes.
  - ◇ Provides easy visual inspection for proper wire insertion.

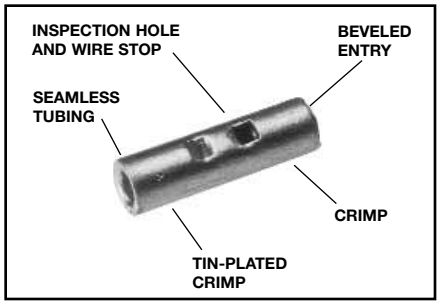
TYPES YSV, YSV-H AND YSV-L

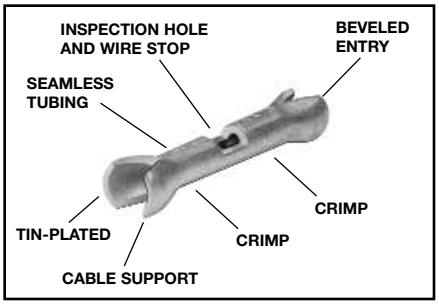
HYLINK™

Uninsulated Butt Splice
600 Volts Maximum

HYLINK™ type YSV seamless splice connector is used to splice stranded and solid copper conductors in virtually all heavy duty industrial and general purpose applications.

The type YSV-H HYLINK™ seamless splice connector has the added benefit of an insulation support and cable strain relief.





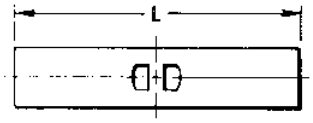


Fig. 1

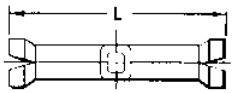


Fig. 2

Catalog Number	Wire Range Code AWG Str. and Sol. Aircraft-AN	Fig.	Dimensions L	Dimensions Max. Dia.	Bulk Catalog Number	Installation Tooling HYTOOL™	Wire Strip Length
YSV18 BOX	22-18	1	.62	—	YSV18	Non-Ratchet: Y10D, Y1022 Ratchet: MR20, Y8MRB-1, MR8-9Q*, MR8-G98	1/4″
YSV18-H BOX	Str. & Sol.	2	.89	.120	YSV18-H		
YSV14 BOX	20-14 Str.	1	.64	—	YSV14		1/4″
YSV14-H BOX	20-12 Sol.	2	.94	.150	YSV14-H		
YSV10 BOX	12-10	1	.75	—	YSV10		5/16″
YSV10-H BOX	Str. & Sol.	2	1.06	.192	YSV10-H		
YSV9C-L BOX	9 Str.	1	.75	—	YSV9C-L	Non-Ratchet: MY28, MY29-3, MY29-11 Ratchet: Y8MRB-1†, MR8-9Q*, Y1MRTC ▲	5/16″
YSV8C-L BOX	8 Str.	1	1.00	—	YSV8C-L		7/16″

* Remove stop plate.
▲ Y1MRTC for 8 Str. only
† Use #10 groove
Note: Use MR8 series tools for (-H) series.

Blue highlighted items are industry standard and most frequently ordered.

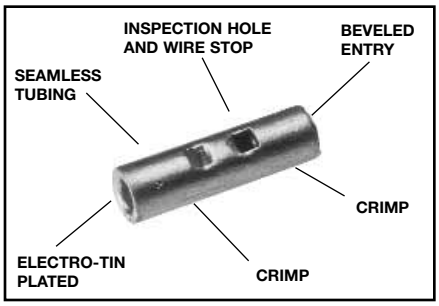
TYPE YSV-L

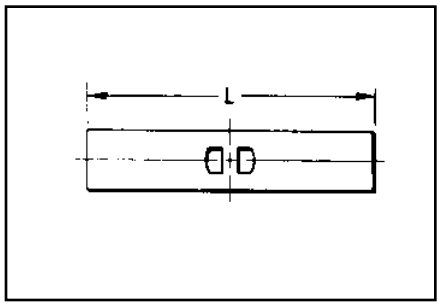
HYLINK™

Uninsulated Butt Splice
600 Volts Maximum

#8 Through 4/0 Copper

HYLINK™ type YSV-L seamless splice connector is used to splice Type AN aircraft cables plus commercial stranded and solid AWG conductors. Suitable for aircraft, light duty industrial and general purpose applications.





Catalog Number	Wire Range Aircraft-AN" Comm'l-AWG Str. & Sol.	Dimensions L	Bulk Catalog Number	Installation Tooling				Y34PA Wire Strip Length
				Ratchet	HYTOOL™ **	HYPRESS™• H35, Y35BH, Y39, Y39BH*		
						Nest	Indentor	
YSV8C-L BOX	8	1.00	**YSV8C-L**	MR89Q, Y8MRB-1, Y1MRTC	Type AH Aircraft Cable: MY28	UV8L-1	Y34PL	7/16″
YSV6C-L BOX	6	1.12	**YSV6C-L**	Y1MRTC, MR4C		UV6L	Y34PLA	1/2″
YSV4C-L BOX	4	1.12	**YSV4C-L**	Y1MRTC, MR4C		UV4L		5/8″
YSV2C-L BOX	2	1.41	**YSV2C-L**	Y1MRTC		UV2L		5/8″
YSV1C-L BOX	1	1.46	**YSV1C-L**	—	All Others: MY29-3, MY29-11 1 Crimp	UV1L		5/8″
YSV25-L BOX	1/0	1.53	**YSV25-L**	—		UV25L	Y34PA	11/16″
YSV26-L BOX	2/0	1.78	**YSV26-L**	—		UV26L		13/16″
YSV27-L BOX	3/0	1.81	**YSV27-L**	—		UV27L		13/16″
YSV28-L BOX	4/0	1.94	**YSV28-L**	—		UV28L		7/8″

* Remove stop plate
• Use Y35P3 Indentor Adaptor.
** Bench Mount Adaptor - Cat. No. BMY-BCH-MT is available for Type MY HYTOOLS™.

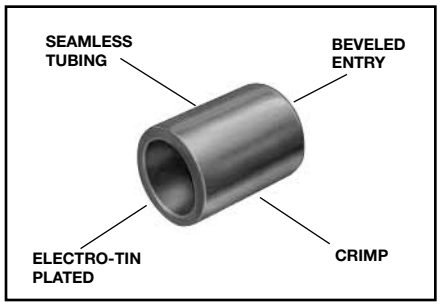
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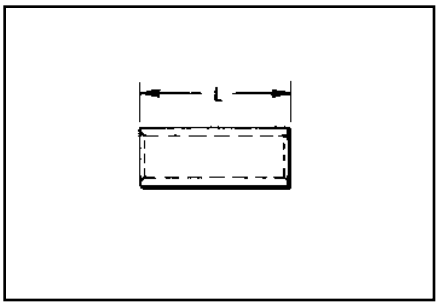
TYPE YSM

HYLINK™

Uninsulated Parallel Splice

HYLINK™ type YSM seamless parallel splice connector permits wires to be laid parallel inside the connector and spliced together with BURNDY's compression HYTOOL™. Each YSM connector accommodates a wide combination of round, square, and rectangular copper conductors that have a total combined circular mil area listed in the table below. The conductors to be spliced must physically fit within title splice without being forced.





Catalog Number	Circular Mil. Range Min.	Circular Mil. Range Max.	Dimensions L	Installation Tooling: Ratchet	Installation Tooling: Mechanical HYTOOL™	Installation Tooling: HYPRESS™• Y35BH, Y39BH* Nest	Installation Tooling: HYPRESS™• Y35BH, Y39BH* Indentor	Wire Strip Length
YSM18	300	1,909	.25	MR8-9Q*	—	—	—	5/16″
YSM14	477	4,107	.25	MR8-9Q*	—	—	—	5/16″
YSM10	4,107	10,380	.36	MR8-9Q*, MR4CQ	—	—	—	7/16″
YSM8C	6,088	16,864	.41	MR4CQ Y1MRTC	MY29-11 or MY28 (1) Crimp	UV8L-1		1/2″
YSM6C	10,380	26,813	.44			UV6L		1/2″
YSM4C	26,813	42,613	.50			UV4L	Y29PQ	9/16″
YSM2C	42,613	66,832	.62	Y1MRTC		UV2L		11/16″
YSM1C	66,832	81,807	.62	—		UV1L		11/16″
YSM25	81,807	104,110	.69	—		UV25L	Y29PQ-6	3/4″
YSM26	104,110	133,650	.81	—		UV26L		7/8″
YSM27	133,650	167,332	.81	—		UV27L		7/8″
YSM28	167,332	211,954	.88	—		UV28L		15/16″

* Remove stop plate.
• Use Y35P indentor adapter, with Y35BH and Y39BH HYPRESSES.

Wire Size	Area Cir. Mils.	Solid Wire Dia. (In.)	Concentric Str. Max. Dia. (In).	Flex. Bunch or Rope Lay Dia. (In Approx.)
30	100.5	.010003	.012	
29	126.7	.01126	-	
28	159.8	.01264	.015	
27	201.5	.01420	-	
26	254.1	.01594	.019	
25	320.4	.01790	-	
24	404.0	.02010	.024	
23	509.5	.02257	-	
22	642.4	.02535	.030	
21	810.1	.02845	-	
20	1022	.03196	.038	
19	1288	.03589	-	
18	1624	.04030	.0460	
17	2048	.04526	-	
16	2583	.05082	.0585	
15	3257	.05707	-	
14	4107	.06408	.0735	

Wire Size	Area Cir. Mils.	Solid Wire Dia. (In.)	Concentric Str. Max. Dia. (In).	Flex. Bunch or Rope Lay Dia. (In Approx.)
13	5178	.07196	-	-
12	6530	.08081	.0931	.101
11	8234	.09074	-	-
10	10380	.1019	.117	.126
9	13090	.1144	.132	.146
8	16510	.1285	.148	.157-.162
7	20820	.1433	.166	.179-.196
6	26250	.1620	.186	.207-.215
5	33100	.1819	.209	.235-.240
4	41740	.2043	.235	.263-.269
3	52640	.2294	.264	.219-.305
2	66370	.2576	.297	.319-.337
1	83690	.2893	.333	.367-.376
1/0	105500	.3249	.374	.441-.423
2/0	133100	.3648	.420	.500-.508
3/0	167800	.4096	.472	.549-.576
4/0	211600	.4600	.530	.613-.645

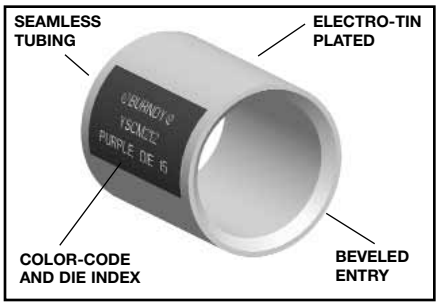
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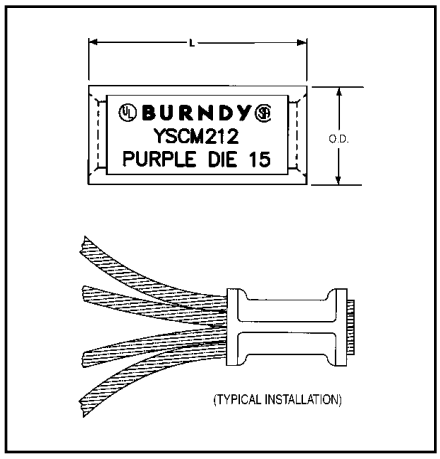
TYPE YSCM

HYLINK™

Color-Coded
Uninsulated Parallel Splice

Type YSCM HYLINK™ seamless parallel splice connectors permit stranded wires to be laid parallel inside the connector and spliced together with BURNDY® compression tools. Each YSCM connector accommodates a wide range of conductors and is color-coded to ensure proper tool and die match. YSCM connectors are UL486A Listed for applications up to 600V and CSA Listed.





Catalog Number	Conductor Range Cable ⑤ Circular Mils Min.	Conductor Range Cable ⑤ Circular Mils Max.	Dimensions Inches [mm] L ±.03	Dimensions Inches [mm] O.D. ±.01	Color Code	Die Index	Recommended Installation Tooling OUR840, Y500CTHS, PAT60018V Series	Recommended Installation Tooling Y35, Y750, PAT750 Series	Wire Strip ④ Length
YSCM17	13,060	16,910	.50 [13]	.27 [7]	Red	49	X8CRT, W8CRT	U8CRT	11/16″
YSCM27	16,910	26,890	.50 [13]	.31 [8]	Blue	7	X5CRT, W5CRT	U5CRT	11/16″
YSCM42	29.970	41,520	.50 [13]	.38 [10]	Gray	8	X4CRT, W4CRT	U4CRT	11/16″
YSCM66	42,750	66,040	.62 [16]	.47 [12]	Brown	10	X2CRT, W2CRT	U2CRT	3/4″
YSCM80	67,980	80,020	.62 [16]	.52 [13]	Green	11	X1CRT, W1CRT	U1CRT-1	3/4″
YSCM104	82,870	103,630	.69 [18]	.57 [14]	Pink	12	X25RT, W25RT	U25RT	15/16″
YSCM133	104,960	133,220	.81 [21]	.64 [16]	Black	13	X26RT, W26RT	U26RT	1-1/16″
YSCM167	134,340	166,560	.81 [21]	.70 [18]	Orange	14	X27RT, W27RT	U27RT	1-1/16″
YSCM212	167,380	211,820	.88 [22]	.78 [20]	Purple	15	X28RT, W28RT	U28RT	1-1/16″
YSCM231	—	230,800	1.05 [27]	.81 [21]	Yellow	16	X29RT, W29RT	U29RT	1-1/16″

Circular Mil Table per ASTM B8

Size Stranded Circular Mils	Size Stranded AWG	ASTM Strandings Class	Cable Diameter Inches
1,022	20	B	0.036
1,624	18	B	0.045
2,583	16	B	0.057
4,107	14	B	0.072
6,530	12	B	0.091
10,380	10	B	0.116
13,090	9	B	0.130
16,510	8	B	0.146
20,820	7	B	0.164
26,250	6	B	0.184
33,100	5	B	0.206
41,740	4	AA	0.254
41,740	4	B&A	0.232
52,630	3	AA	0.285

Circular Mil Table per ASTM B8

Size Stranded Circular Mils	Size Stranded AWG	ASTM Strandings Class	Cable Diameter Inches
52,630	3	B&A	0.260
66,370	2	AA	0.320
66,370	2	B&A	0.292
83,690	1	AA	0.360
83,690	1	A	0.328
83,690	1	B	0.332
105,500	1/0	A&A	0.368
105,500	1/0	—	0.390
105,500	1/0	B	0.373
133,100	2/0	A&A	0.414
133,100	2/0	—	0.438
133,100	2/0	B	0.419
167,800	3/0	A&A	0.464
167,800	3/0	—	0.492
167,800	3/0	B	0.470
211,600	4/0	A&A	0.522
211,600	4/0	—	0.522
211,600	4/0	B	0.528

1. Material: Copper per ASTM B75.
2. Finish: Tin plated. For nickel plating, add suffix “NK” to the Catalog Number.
3. Dimensions in brackets [ ] are in millimeters rounded off to the nearest millimeter, unless otherwise noted, and are for reference only.

④ Recommended strip length. Strip length dependant on size, no. of wires and insulation thickness.

⑤ Refer to Circular Mil Table per ASTM B8 for total Class B Circular Mil calculations.

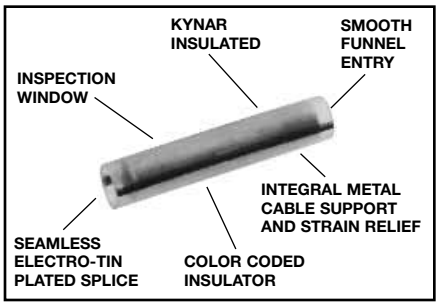
TYPE YSES-K

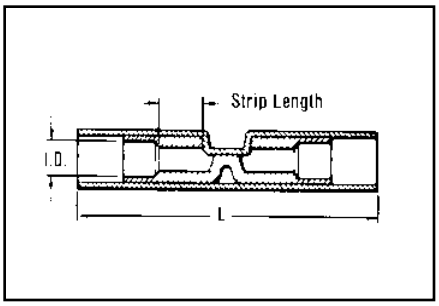
INSULINK™

Radiation Resistant
Insulated Butt Splice

Polyvinylidene Flouride (PVF_2)
Insulated

200 Megarads - 60° C
Through 150° C, 600 Volts





The type YSES-K radiation resistant KYNAR® insulated splices are suitable for class 1E applications plus non critical nuclear associated applications. The splice is manufactured from pure electrolytic copper seamless tubing which eliminates potential splitting of seams. A color code stripe is used for wire size identification and a window is provided for inspection of proper wire insertion.

Catalog Number	Wire Range	Color Stripe	Dimensions Max. Insul. Dia. Accom.	L Max.	Installation Tooling	Wire Strip Length
YSES18K	22-18	Red	.112	1.00	Ratchet Tool: MR10G8 Red Groove Calibration Gauge: PG-373-1 Crimp ID. Mark: (1) Small Dot	3/16″
YSES14K	16-14	Blue	.153	1.00	Ratchet Tool: MR10G8 Blue Groove Calibration Gauge: PG-371-1 Crimp ID. Mark: (2) Small Dot	3/16″
YSES10K	12-10	Yellow	.210	1.38	Ratchet Tool: MR10G8 Yellow Groove Calibration Gauge: PG-372-1 Crimp ID. Mark: (1) Large Dot	7/16″

KYNAR® is the registered trademark for Pennwalt Corp. for Polyvinyllidene Flouride (PFV_2)

Blue highlighted items are industry standard and most frequently ordered.

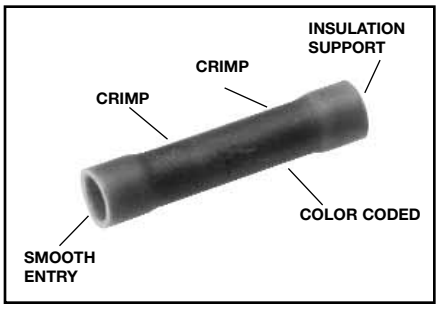
TYPES SP AND BS

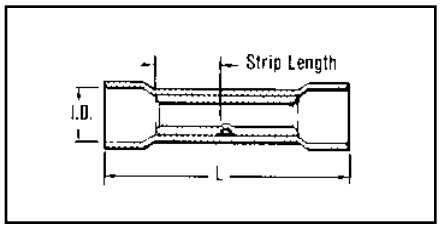
VINYLINK™

Splice, Polyvinylchloride Insulated

600 Volts, 105° C

The type SP VINYLINK™ is a PVC insulated seamless butt splice. Type SP VINYLINK™ is designed to accommodate a broad range of 600 volt cables.





Features and Benefits

- Manufactured from seamless electrolytic copper tubing.
  - ◇ Provides maximum conductivity and tensil strength, in a high quality design with NO seams to split.
- Funnel entry.
  - ◇ Provides easy wire insertion.
- Electro-tin plated.
  - ◇ Provides durable long lasting resistance to corrosion.
- Expanded insulation support.
  - ◇ Lower inventory requirements.
- Red wire range of 22-16.
  - ◇ Lower inventory requirements.
- Vinyl insulator.
  - ◇ Economical means of providing high dielectric values and cable insulation support.

Catalog Number	Wire Range	Color Code	Bulk Catalog Number	Dimensions (Inches)		Installation Tooling	Wire Strip Length
				L Max. Insul.	Max. Dia.		
SP16	22-16	Red	BS16	1.00	.145	Non-Ratchet: Y10-22, Y10D Ratchet: MR8G-98, MR15, MR8-89-1	1/4″
SP14	16-14	Blue	BS14	1.00	.180		1/4″
SP10	12-10	Yellow	BS10	1.23	.260		21/64″

Blue highlighted items are industry standard and most frequently ordered.

INSULATED SPLICES

BURNDY® manufactures several designs of insulated butt splices. Each type is designed to meet specific application requirements and provide a high quality electrically pre-insulated splice that is easily installed. The following features and benefits apply to all BURNDY® pre-insulated butt splices.

Features and Benefits

- Manufactured from seamless tubing.
  - ◇ A high quality design with no seams to split.
- Pure electrolytic copper.
  - ◇ Provides maximum conductivity, low resistance and ductility for excellent crimp forming properties.
- Electro-tin plated.
  - ◇ Provides durable long-lasting resistance to corrosion.
- Positive center wire stops.
  - ◇ Provides for proper depth of wire insertion.
- Color-coded in red, blue and yellow.
  - ◇ Provides easy wire size identification.

TYPES SN AND YSE-HN

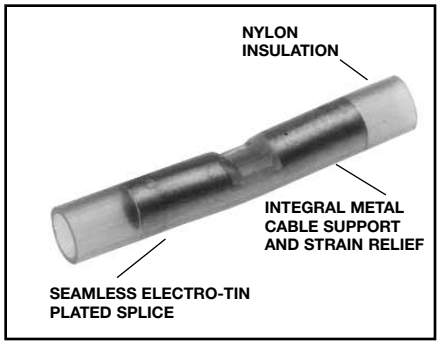
INSULINK™

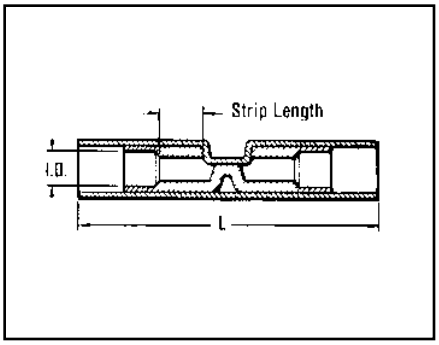
Butt Splice, Nylon Insulated

600 Volts Maximum,
105° C Maximum

The type SN INSULINK™ is a high quality nylon-insulated butt splice designed to meet heavy duty application requirements.

Meets the functional requirements of MIL-T-7928 (ASG) and conforms to the requirements of NAS1388.





Features and Benefits

- Manufactured from one-piece tin-plated seamless copper tubing with an integral barrel/insulation grip.
  - ◇ Provides maximum tensile strength, plus excellent cable support and strain relief and eliminates failures due to vibration.
- Smooth funnel entry.
  - ◇ Provides easy wire insertion.
- Window position locator for full cycle ratchet tool crimp.
  - ◇ Provides proper tool/connector alignment for correct crimp.
- Nylon insulation offers high dielectric strength and stability in oily enviromental conditions.
  - ◇ Maintains a high quality connection in demanding applications.
- The nylon is locked into position.
  - ◇ The connector will not move.

600 Volts, 105° C
(1000 Volts, Max. Inside Sign or Fixture)

Catalog Number	Wire Range	Color Code	Bulk Catalog Number	Dimensions (Inches)		Installation Tooling	Wire Strip Length
				L Max. Insul.	Max. Dia.		
SN18	22-18	Red	YSE18HN	1.25	.115	Plier: Y10D Ratchet: MR8-85, MR18	15/64″
SN14	16-14	Blue	YSE14HN	1.25	.150		7/32″
SN10	12-10	Yellow	YSE10HN	1.64	.220		3/8″

Blue highlighted items are industry standard and most frequently ordered.

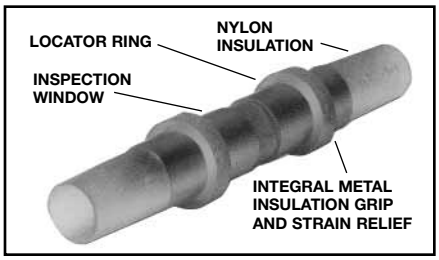
TYPES SNM AND YSES

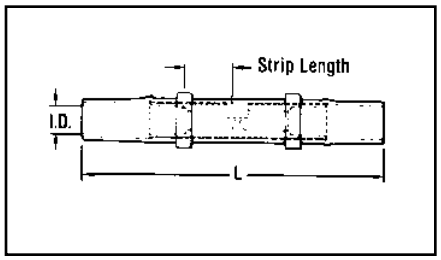
INSULINK™

Butt Splice, Nylon Insulated

MS25181, Class 1 Splice
300 Volts, 105° C

The type SNM INSULINK™ is a high quality nylon insulated butt splice designed to meet military MS25181, class 1 requirements.





Features and Benefits

- Manufactured from tin plated, seamless copper tubing with an integral barrel/insulation grip.
  - ◇ Provides maximum tensil strength, plus excellent cable support and strain relief.
- Smooth funnel entry.
  - ◇ Provides easy wire insertion.
- Transparent nylon insulation.
  - ◇ Permits easy wire inspection.
- External ring locator.
  - ◇ Provides proper tool alignment for correct crimp.

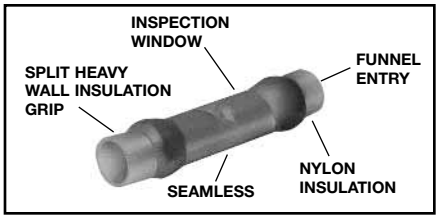
Catalog Number	Wire Range	Color Code	Bulk Catalog Number	MS25181 Dash No.	Dimensions L Max.	Dimensions Max. Dia. Insul.	Installation Tooling	Wire Strip Length
SNM18	22-18	Red	**YSES18-1**	-1	1.53	.120	Plier: Y10D Ratchet: MR8-83 or MR8-85 MS25037 TOOL	7/32″
SNM14	16-14	Blue	**YSES14-2**	-2	1.53	.150		7/32″

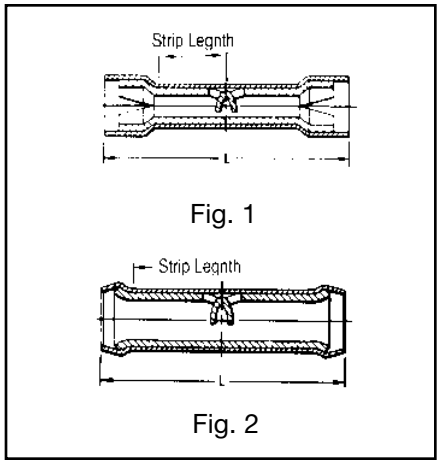
TYPES YSE BOX, YSE-H BOX, YSE, YSES AND YSE-H

INSULINK™

600 Volts, 105° C

The types YSE and YSE-H INSULINKS™ are high quality nylon insulated butt splices designed for splicing aircraft and commercial flexible cables.





Features and Benefits

- Manufactured from tin plated, seamless electrolitic copper tubing with integral barrel/insulation grip.
  - ◇ Provides maximum conductivity and tensile strength, plus excellent cable support and strain relief.
- Split heavy wall insulation grip.
  - ◇ Provides stronger insulation grip and strain relief.
- Smooth funnel entry.
  - ◇ Provides easy wire insertion.
- Transparent nylon insulation.
  - ◇ Permits easy wire inspection.

600 Volts 105°C

Wire Range Catalog Number	Fig.	Wire Code AWG Aircraft AN	Color Code	Bulk Catalog Number	Dimensions L Max. Insul.	Dimensions Max. Dia.	Installation Tooling	Wire Strip Length
YSE18H-BOX	1	22-18	Red	**YSE18H**	1.220	.115	Y10D	9/32″
YSE14H-BOX	1	16-14	Blue	**YSE14H**	1.36	.150	Ratchet:	11/32″
YSE10-BOX	2	12-10	Yellow	**YSE10**	1.15	.209	MR8-33S-1	23/64″

Blue highlighted items are industry standard and most frequently ordered.

TYPES YSV, YRV-L

HYREDUCER™

Reducer Butt Splice

The HYREDUCER™ is a connector for splicing two different size wires. The larger conductor is inserted first and butts against the center of the connector where the smaller barrel begins. Constructed of pure electrolytic copper tubing for maximum conductivity, tin plated to resist corrosion, the HYREDUCER™ accommodates a wide range of cable sizes.

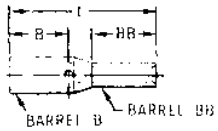


Fig. 1

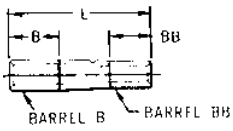


Fig. 2

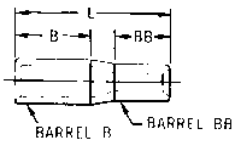


Fig. 3

Dimensional information may be found in Table 1. Table 2 is a comprehensive tooling index for these connectors.

TABLE 1

Bulk Catalog Number	Total Wire Range	Fig. No.	B Barrel*		Tool Index	BB Barrel*		Tool Index	"L" Max.
			Wire Size	B Dim.		Wire Size	BB Dim.		
YSV1418	22 - 14	1	20 - 14	.27	1	22 - 18	.27	2	.64
YSV1214-G1	16 - 12	2	12	.31	4	16 - 14	.27	1	.83
YSV1014-G2	20 - 10	2	12 - 10	.31	4	20 - 14	.27	1	.83
YRV8CV14-L	20 - 8	3	8	.44	5	20 - 14	.39	1	1
YRV8CV10-L	12 - 8	3	8	.44	5	12 - 10	.53	4	1.18
YRV6CV10-L	12 - 6	3	6	.50	6	12 - 10	.53	4	1.28
YRV6CV8C-L	8 - 6	3	6	.50	6	8	.53	5	1.21
YRV4CV6C-L	6 - 4	3	4	.50	7	6	.54	6	1.27
YRV2CV6C-L	6 - 2	3	2	.62	8	6	.51	6	1.63

* B and BB dimensions are wire strip lengths.

TABLE 2 **TOOL INDEX**

Index Number	Hand Tools	Tools With Dies	
		Y29NC	
1	MR8G98 Y8MRB-1 MR8-9Q† MR20	—	
2	MR8G98 Y8MRB-1 MR8-9Q† MR20	—	
4	MR8G98 Y8MRB-1 MR8-9Q† MR20	—	
5	Y8MRB-1 MY28 MR4C Y1MRTC	Nest	Indentor
		DV8L-1*	Y29PL
6	MY28 Y1MRTC MR4C	DV6L	Y29PL
7	MY28 Y1MRTC MR4C	DV4L	Y19PL
8	Y1MRTC MY28	DV2L	Y29PL

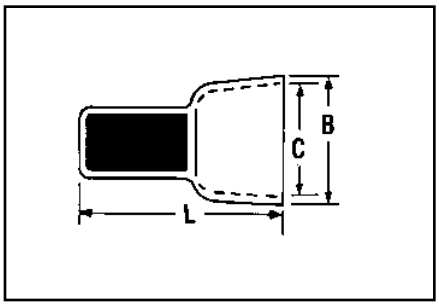
* For aircraft applications (flexible cables).

Blue highlighted items are industry standard and most frequently ordered.

BURCAP TYPES YQE, RK

PIGTAIL SPLICE, NYLON-INSULATED

Rated at 600 volts for building wire and 1000 volts for fixtures and signs, the BURCAP is designed to splice a wide range of different cable sizes.



Catalog Number	Wire Combinations								Total Area Circular Mils	Dimensions in Inches			Installation Tools Die Set M8ND, Y8ND	Wire Strip Length
										L	B	C		
YQE-91†	1 #16 & 1 #18								4,205	.76	.30	.24	N150WT	5/16″
	2 #18								3,250					
*RK141-2	RK141ABOX100				RK142ABOX100				500 5,180	.607 (16, 4)	.311 (7, 9)	.269 (8, 6)		
	22	20	18	16	18	16	14	12						
*RK142-2	7					1		1	2,400 13,100	.722 (18, 3)	.440 (11, 2)	.384 (9, 8)		
	6	1				2		1						
	5		1			3		1						
	4	2			1			1						
	4		1		2			1						
	3	2			3			1						
	3		2			1	1							
	3			1		2	1							
	2	3			1		1							
	2		2		2		1							
	2			1	3		1							
	1	4			2	2	1							
	1		2				2							
	1			1	1	1								
		4			2	1								
		3	1		3	1								
		2	2		4	1								
		2		1	1	2								
		1	2		2	2								
		1		1	3	2								
			3			2								
			2		1	3								
						3								
					5									

NOTE: * Convenience Package. For Box quantity, order RK141ABOX100 and RK142ABOX100 respectively.
† This item is UL Listed

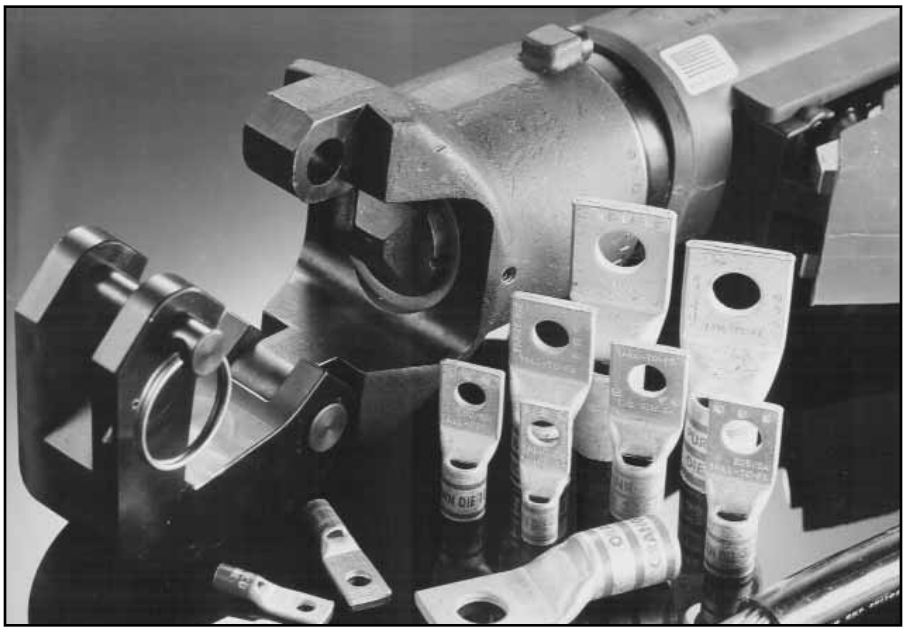
Blue highlighted items are industry standard and most frequently ordered.

INTRODUCTION

MEDIUM AND LARGE HYDENT™

Copper and aluminum compression terminals and splices for terminating conductors from #8 AWG through 2000 kcmil.

The medium and large HYDENT™ line is designed for terminating and splicing medium and large conductors in electrical power applications.



HYLUG™

UNINSULATED COPPER COMPRESSION TERMINALS

UL Listed 90° C,
600 Volts to 35 kV ◆

BURNDY's HYLUG™ terminals, types YA, YA-TC, YA-L, YA-L-TC, YA-2N, YA-2TC, YA-L-TC-FX, YA-L-2TC, and YA-2LN are designed for terminating copper conductors in a wide variety of electrical connections, including heavy-duty industrial, utility, commercial, and telecommunications applications.

The HYLUG™ terminals require simple cable preparation for an easily installed permanent and inspectable cable termination. The terminals are listed by UL (UL STD. 486A) and CSA certified to 600 volts, when applied with the proper tool and die combination. The terminals may be used in applications to 35KV. See each catalog page for UL 35kV listings.

Features and Benefits

- Manufactured from seamless high conductivity electrolytic copper tubing with heavy duty wall thickness.
  - ◇ Provides maximum conductivity, low resistance and ductility for an excellent combination of electrical and crimp forming properties.
- Barrel diameter closely matches commercial (code) cable and Navy cable diameters.
  - ◇ Provides an excellent relationship of the conductor/connector combination to produce a high quality electrical connection with the recommended tooling.
- Electro-tin plated. Electro-lead plated. Burndy's proprietary brite finish.
  - ◇ Provides durable long-lasting corrosion resistance.
- Internally beveled barrel end.
  - ◇ Provides easy cable insertion.
- Each connector is clearly marked with the wire size and type, die index, and color coding.
  - ◇ Provides easy identification and proper tooling recommendation.
- Marked with the proper number and location of crimps.
  - ◇ Lowers installed costs. Provides for proper installations.
- Proper compression systems forms a homogeneous mass.
  - ◇ The result is an excellent electrical connection.
- Use up to 35 kV as indicated.
  - ◇ Suitable for high voltage applications.
- Expanded wire ranges when using Y644 HYPRESS™ Dieless 1 Crimp.
  - ◇ Provides ability to complete emergency repairs when connector and wire size do not match.
- Crimp areas clearly marked.
  - ◇ Provides correct number and location of crimps for proper installation.
- Hydraulic and Battery tooling crimp embossment.
  - ◇ Provides permanent die index number embossment on completed crimp for inspection purposes.

HYLUG™
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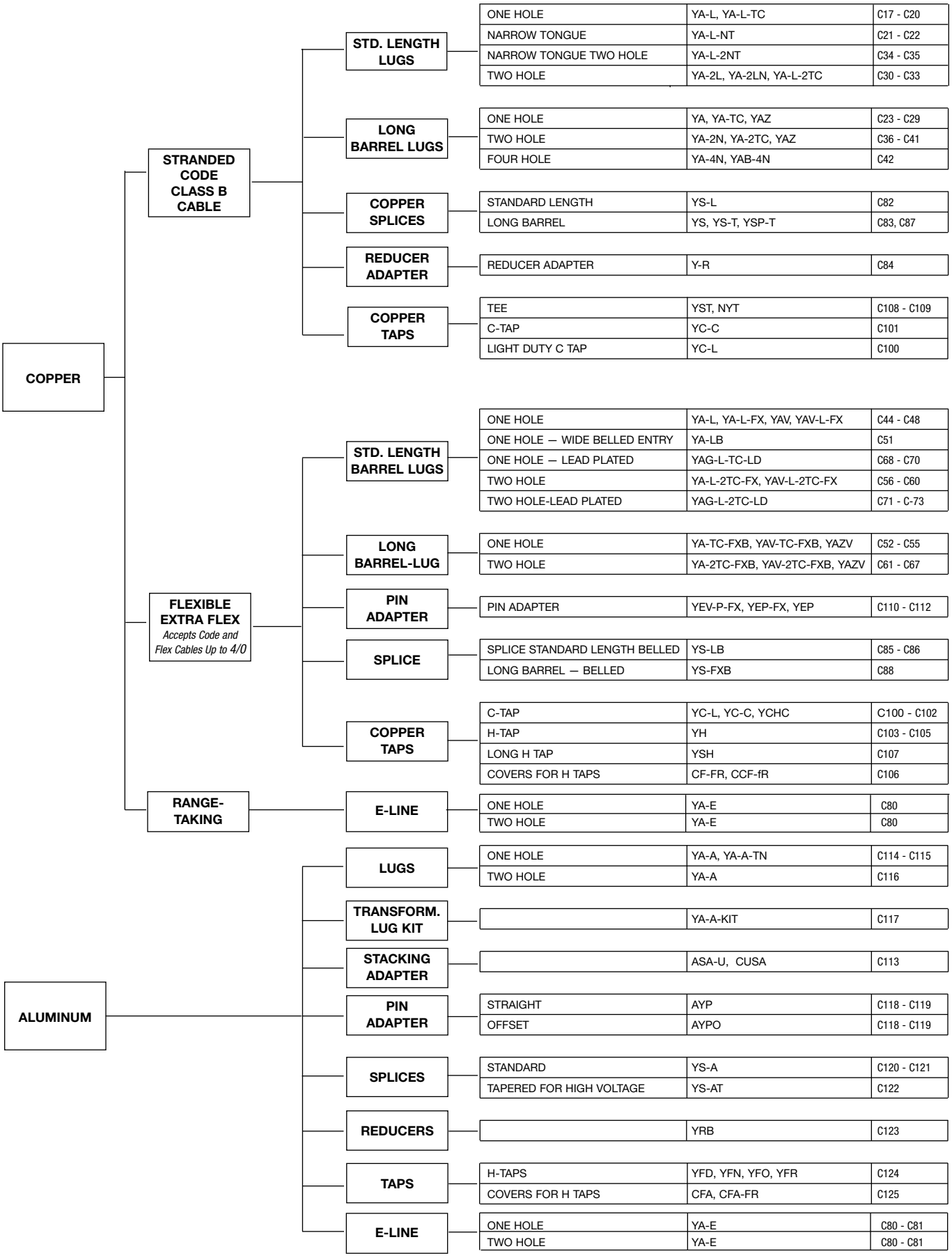
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COPPER	STRANDED CODE CLASS B CABLE	STD. LENGTH LUGS	ONE HOLE	YA-L, YA-L-TC	C17 - C20
			NARROW TONGUE	YA-L-NT	C21 - C22
			NARROW TONGUE TWO HOLE	YA-L-2NT	C34 - C35
			TWO HOLE	YA-2L, YA-2LN, YA-L-2TC	C30 - C33
		LONG BARREL LUGS	ONE HOLE	YA, YA-TC, YAZ	C23 - C29
			TWO HOLE	YA-2N, YA-2TC, YAZ	C36 - C41
			FOUR HOLE	YA-4N, YAB-4N	C42
		COPPER SPLICES	STANDARD LENGTH	YS-L	C82
			LONG BARREL	YS, YS-T, YSP-T	C83, C87
		REDUCER ADAPTER	REDUCER ADAPTER	Y-R	C84
		COPPER TAPS	TEE	YST, NYT	C108 - C109
			C-TAP	YC-C	C101
			LIGHT DUTY C TAP	YC-L	C100
	FLEXIBLE EXTRA FLEX *Accepts Code and Flex Cables Up to 4/0*	STD. LENGTH BARREL LUGS	ONE HOLE	YA-L, YA-L-FX, YAV, YAV-L-FX	C44 - C48
			ONE HOLE — WIDE BELLED ENTRY	YA-LB	C51
			ONE HOLE — LEAD PLATED	YAG-L-TC-LD	C68 - C70
			TWO HOLE	YA-L-2TC-FX, YAV-L-2TC-FX	C56 - C60
			TWO HOLE-LEAD PLATED	YAG-L-2TC-LD	C71 - C-73
		LONG BARREL-LUG	ONE HOLE	YA-TC-FXB, YAV-TC-FXB, YAZV	C52 - C55
			TWO HOLE	YA-2TC-FXB, YAV-2TC-FXB, YAZV	C61 - C67
		PIN ADAPTER	PIN ADAPTER	YEV-P-FX, YEP-FX, YEP	C110 - C112
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		REDUCERS		YRB	C123
		TAPS	H-TAPS	YFD, YFN, YFO, YFR	C124
			COVERS FOR H TAPS	CFA, CFA-FR	C125
		E-LINE	ONE HOLE	YA-E	C80 - C81
			TWO HOLE	YA-E	C80 - C81

COMPRESSION CONNECTORS

BURNDY's compression connectors are designed for reliable and controllable electrical connections. The complete installation is fully inspectable. They are high conductivity copper and operate cooler than the wire on which they are installed. The connectors withstand a wide range of electrical and environmental conditions, including current surges, temperatures, corrosion and vibrations, for a wide variety of applications. These features mean a consistently high quality connection at a low installed cost.

Copper compression connectors are manufactured from high-conductivity electrolytic copper. The connectors are normally tin-plated, lead-plated, or plated with proprietary BURNDY® brite finish to provide durable long-lasting corrosion resistance. The connector design has been matched to the cable size to provide the necessary physical strength requirements for reliable electrical performance.

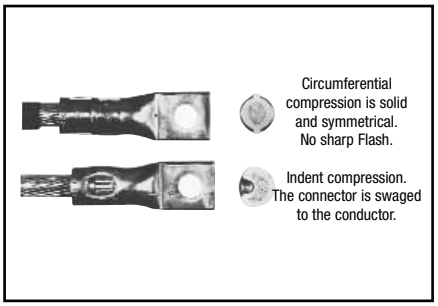
Aluminum compression connectors are manufactured from high conductivity, high purity wrought aluminum. They are designed with sufficient mass and are electro-tin plated to minimize corrosion due to galvanic action between dissimilar metals. The connector barrels are pre-filled with PENETROX®, BURNDY's oxide inhibiting compound.

PENETROX® contains homogeneously suspended metallic particles which penetrate the wire's oxides to establish excellent continuity between the individual strands and the connector barrel for a low-resistance connection. PENETROX® maintains an air-tight connection. Each barrel end is covered with a color-coded plastic dust cap which prevents foreign matter from entering the connector before it is used. The connector design has been engineered to match the cable size to provide the necessary physical strength requirements for reliable electrical performance.

SELECTION AND USE

Copper compression connectors are recommended for use on copper conductors. Aluminum compression connectors are recommended for use on aluminum conductors. Dual-rated aluminum compression connectors may be used on both copper and aluminum conductors.

Two basic compression designs are available: Circumferential and indent.



After compression, virtually all the air is removed leaving a tight homogeneous mass of connector and conductor.

The circumferential crimp design is recommended for color coded connectors in low and high voltage applications. Die index number embossment provides an easy inspection where required to verify the use of the proper connector/die combination. It is also recommended for insulated connectors and for terminating flexible and welding cables.

The circumferential crimp design dies compress cable strands into polygonal shapes forming intimate contact with each other and the connector barrel. This compression forms a tight homogeneous mass with virtually no air pockets. The circumferential crimp provides an excellent electrical connection with high pull-out values. The circumferential crimp is ideal for high voltage applications leaving the connector barrel symmetrical, which is easier to insulate.

The indent type crimp can be used in virtually any application except polyvinylchloride (PVC) insulated terminals and splices. It is an excellent means of terminating flexible, extra flexible and welding cables. The indentor compresses the cable strands to form intimate contact with each other and the connector barrel. The result is an excellent electrical connection with high pull-out strength. Laboratory work testing curves established the proper depth and shape of indent for each type of connector and wire combination.

TOOLING

Tooling systems are essential for proper installation of a compression connector. Since connectors and dies are designed as a unit for specific wire sizes, only the recommended tools and dies should be used. Most aluminum and copper HYLUG™ terminals and HYLINK™ splices are marked with a die index number and are color-coded to identify the correct installation die. Dies marked with the matching die index number and color can be used to install the connector.

BURNDY® tooling installs a wide range of connectors, is reliable, cost effective, and precision engineered for durable, long-lasting service and quality connections. The tools include small plier types, full cycle ratchet designs and hydraulically-powered HYPRESS™ heads and new Battery Actuated Tools. Some have permanent die grooves or adjustable dies, while others require a change of die sets or nest die for each connector size. BURNDY's recommended tools achieve crimp performance consistent with UL and other industry standards. Since several tools are suitable for most connectors, the most economical and practical tool can be chosen for each application.

INDUSTRY STANDARDS

BURNDY's compression terminals, splices and tap connectors requiring third party testing and approval are listed by Underwriters' Laboratories, Inc. Many have also received CSA approval and are approved under MIL-T-7928 and other military standards. All conform to applicable sections of the National Electrical Code.

BURNDY® also offers connectors and splices which meet the (LOCA Seismec and Aging) requirements of IEEE standards 323, 383 and 344 for class 1E critical circuits for use in Nuclear Utility Applications. Certification to 10CFR50 and 10CFR21 available.

Detail catalog listings should be consulted to obtain the appropriate standards for each connector and splice.

Blue highlighted items are industry standard and most frequently ordered.

BURNDY® Telecommunications Connectors…

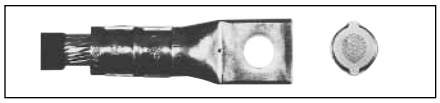
The industry's first choice in compression connections...

BURNDY® provides a complete selection of one and two hole compression's terminals, H-taps, C-taps, and other compression connection products specifically engineered to meet the demanding applications of both the Central Office and Wireless communications markets.

All of BURNDY's compression products are designed for reliable and controllable electrical connections. All connectors are made from high conductivity electrolytic copper and operate at cooler temperatures than the conductor on which they are installed. The connectors are normally tin-plated, lead-plated, or plated with a proprietary BURNDY® brite finish to provide the industry standard in long-lasting corrosion resistance.

The complete installation is fully inspectable and UL Listed when installed with BURNDY® dies. Every die in the system is color-coded and provides die index embossment for complete inspectability.

The Circumferential Crimp…



Circumferential compression is solid and symmetrical. No sharp Flash.

BURNDY's circumferential crimp provides a solid, homogenous connection, with high pull out values and is rated for high voltage applications, more than sufficient for the 48 V DC operating voltage common in the telecom market. In addition the circumferential crimp doesn't require the removal of the copper flash produced by other die systems. This not only saves time in installation but removes a potential safety hazard from the job.

All of the dies in the system are color-coded to match the connectors and feature die index and die number matching to the connector for ease of installation.

BURNDY® Tooling… the right choice for the job

BURNDY® tooling installs a wide range of connectors, is reliable, cost effective, and precision engineered for durable, long-lasting service and quality connections. BURNDY's compression tooling system ranges from full cycle ratchet hand tools to 12 and 15 ton hydraulically-powered HYPRESS™ heads. Hydraulic tools are available in self-contained, battery powered, and AC service electrically powered pump and remote head designs to meet all possible installation situations.

Industry Standards

BURNDY's compression terminals, splices and tap connectors requiring third party testing and approval are listed by Underwriters Laboratories, Inc. Many have also received CSA approval, and all conform to the applicable sections of the National Electric Code.

EXPANDED RANGES

The following connectors are range taking when crimped onto code conductor using Y644HS family of tools:

COPPER

Copper HYLUG™ & HYLINK™ Connectors Types YA, YA-L, YAB, YS, YS-L, YST, YS-T, YSP-T			
Catalog No.		Standard	Expanded
Terminal*	Splice**	Wire Size	Wire Range
YA6C-	YS6C-	#6 AWG	#6 AWG
YA5C-	YS5C-	#5 AWG	#5 - #6 AWG
YA4C-	YS4C-	#4 AWG	#4 - #6 AWG
YA3C-	YS3C-	#3 AWG	#3 - #6 AWG
YA2C-	YS2C-	#2 AWG	#2 - #6 AWG
YA1C-	YS1C-	#1 AWG	#1 - #6 AWG
YA25-	YS25-	1/0 AWG	1/0 - #6 AWG
YA26-	YS26-	2/0 AWG	2/0 - #4 AWG
YA27-	YS27-	3/0 AWG	3/0 - #2 AWG
YA28-	YS28-	4/0 AWG	4/0 - #1 AWG
YA29-	YS29-	250 kcmil	250 kcmil - 1/0 AWG
YA30-	YS30-	300 kcmil	300 kcmil - 2/0 AWG
YA31-	YS31-	350 kcmil	350 kcmil - 3/0 AWG
YA32-	YS32-	400 kcmil	400 kcmil - 4/0 AWG
YA34-	YS34-	500 kcmil	500 kcmil - 4/0 AWG
YA36-	YS36-	600 kcmil	600 - 250 kcmil
YA39-	YS39-	750 kcmil	750 - 500 kcmil
YA40-	YS40-	800 kcmil	800 - 500 kcmil
YA44-	YS44-	1000 kcmil	1000 - 750 kcmil

* 1 Crimp
** 1 Crimp per side

ALUMINUM

Aluminum HYLUG™ & HYLINK™ Connectors Types YA-A & YS-A			
Catalog No.		Standard	Expanded
Terminal*	Splice**	Wire Size	Wire Range
YA6CA-	YS6CA-	#6 AWG	#6 AWG
YA4CA-	YS4CA-	#4 AWG	#4 - #6 AWG
YA2CA-	YS2CA-	#2 AWG	#2 - #6 AWG
YA1CA-	YS1CA-	#1 AWG	#1 - #2 AWG
YA25A-	YS25A-	1/0 AWG	1/0 - #1 AWG
YA26A-	YS26A-	2/0 AWG	2/0 - #1 AWG
YA27A-	YS27A-	3/0 AWG	3/0 - #1 AWG
YA28A-	YS28A-	4/0 AWG	4/0 - #1 AWG
YA29A-	YS29A-	250 kcmil	250 kcmil - 1/0 AWG
YA30A-	YS30A-	300 kcmil	300 kcmil - 2/0 AWG
YA31A-	YS31A-	350 kcmil	350 kcmil - 3/0 AWG
YA32A-	YS32A-	400 kcmil	400 kcmil - 4/0 AWG
YA34A-	YS34A-	500 kcmil	500 kcmil - 4/0 AWG
YA36A-	YS36A-	600 kcmil	600 - 250 kcmil
YA39A-	YS39A-	750 kcmil	750 - 500 kcmil
YA40A-	YS40A-	800 kcmil	800 - 500 kcmil
YA44A-	YS44A-	1000 kcmil	1000 - 750 kcmil

* 1 Crimp
** 1 Crimp per side







Blue highlighted items are industry standard and most frequently ordered.

EXPANDED RANGES

The following connectors are range taking when crimped onto code & flex conductor using 4-POINT™ family of tools:

ALUMINUM CONNECTORS

Aluminum & Copper Conductor (Code & Compact)				
Conductor		Connector		
Wire Size	Expanded Range	Terminal	Splice	# Crimps
#8 AWG	#8 AWG	YA8CA-	YS8CA-	1
#6 AWG	#6 AWG	YA6CA-	YS6CA-	1
#4 AWG	#6 - #4 AWG	YA4CA-	YS4CA-	1
#2 AWG	#6-#2 AWG	YA2CA-	YS2CA-	2
#1 AWG	#6-#1 AWG	YA1CA-	YS1CA-	2
1/0 AWG	#6-1/0 AWG	YA25A-	YS25A-	2
2/0 AWG	#4 - 2/0 AWG	YA26A-	YS26A-	2
3/0 AWG	#2 - 3/0 AWG	YA27A-	YS27A-	2
4/0 AWG	#1 - 4/0 AWG	YA28A-	YS28A-	2
250 kcmil	1/0 - 250	YA29A-	YS29A-	2
300 kcmil	2/0 - 300	YA30A-	YS30A-	2
350 kcmil	3/0 - 350	YA31A-	YS31A-	3
400 kcmil	4/0 - 400	YA32A-	YS32A-	4
500 kcmil	4/0 - 500	YA34A-	YS34A-	4
600 kcmil	250 - 600	YA36A-	YS36A-	4
750 kcmil	500-750	YA39A-	YS39A-	4

AYP/AYPO CONNECTORS

(Aluminum and Copper — Code & Compact)				
		Pin		
Wire Size	Expanded Range	Straight	Offset	# Crimps
#6 AWG	#6 AWG	AYP6	—	1
#4 AWG	#4 AWG	AYP4	—	1
#2 AWG	#4 - #2 AWG	AYP2	—	1
#1 AWG	#2 - #1 AWG	AYP1	—	1
1/0 AWG	#2 - 1/0 AWG	AYP1/0	—	1
2/0 AWG	#1 - 2/0 AWG	AYP2/0	AYP02/0	2
3/0 AWG	1/0 - 3/0 AWG	AYP3/0	AYP03/0	2
4/0 AWG	2/0 - 4/0 AWG	AYP4/0	AYP04/0	2
250 kcmil	3/0 - 250 kcmil	AYP250	AYP0250	2
300 kcmil	4/0 - 300 kcmil	AYP300	AYP0300	2
350 kcmil	250 - 350 kcmil	AYP350	AYP0350	2
400 kcmil	350 - 500 kcmil	AYP400	AYP0400	2
500 kcmil	350 - 500 kcmil	AYP500	AYP0500	2
600 kcmil	400 - 600 kcmil	AYP600	AYP0600	3
750 kcmil	500 - 750 kcmil	AYP750	AYP0750	3

COPPER CONNECTORS

Copper Conductor (Code & Compact)							
Conductor		Standard Barrel			Long Barrell		
Wire Size	Expanded Range	Terminal	Splice	# of Crimps*	Terminal	Splice	# of Crimps*
#8 AWG	#8 AWG	YA8CL-	YS8CL-	1	YA8C-	YS8C-	1
#6 AWG	#6 AWG	YA6CL-	YS6CL-	1	YA6C-	YS6C-	1
#4 AWG	#6 - #4	YA4CL-	YS4CL-	1	YA4C-	YS4C-	1
#2 AWG	#6-#2	YA2CL-	YS2CL-	1	YA2C-	YS2C-	2
#1 AWG	#6-#1	YA1CL-	YS1CL-	1	YA1C-	YS1C-	2
1/0 AWG	#6-1/0	YA25L-	YS25L-	1	YA25-	YS25-	2
2/0 AWG	#4 - 2/0	YA26L-	YS26L-	1	YA26-	YS26-	2
3/0 AWG	#2 - 3/0	YA27L-	YS27L-	2	YA27-	YS27-	2
4/0 AWG	#1 - 4/0	YA28L-	YS28L-	2	YA28-	YS28-	2
250 kcmil	1/0 - 250	YA29L-	YS29L-	2	YA29-	YS29-	2
300 kcmil	2/0 - 300	YA30L-	YS30L-	2	YA30-	YS30-	3
350 kcmil	3/0 - 350	YA31L-	YS31L-	2	YA31-	YS31-	3
400 kcmil	4/0 - 400	YA32L-	YS32L-	2	YA32-	YS32-	3
500 kcmil	4/0 - 500	YA34L-	YS34L-	2	YA34-	YS34-	4
600 kcmil	250 - 600	YA36L-	YS36L-	2	YA36-	YS36-	4
700 kcmil	350-700	YA38L-	YS38L-	3	YA38-	YS38-	4
750 kcmil	500-750	YA39L-	YS39L-	3	YA39-	YS39-	4
800 kcmil	500-800	YA40L-	YS40L-	3	YA40-	YS40-	4
1000 kcmil	750-1000	YA44L-	YS44L-	3	YA44-	YS44-	4

*Same number of recommended crimps for both Standard and Expanded wire ranges

Blue highlighted items are industry standard and most frequently ordered.

EXPANDED RANGES

The following connectors are range taking when crimped onto code & flex conductor using 4-POINT™ family of tools:

COPPER CONNECTORS

Copper Conductor (Flex Only)								
Nominal Flex Wire Size	Standard Barrel				Long Barrell			
	Expanded Range	Terminal	Splice	# of Crimps	Expanded Range	Terminal	Splice	# of Crimps
#8 AWG	#8 AWG	YAV8CL-	YSV8CL-	1	#8 AWG	YAV8C-	YSV8C-	1
#6 AWG	#6 AWG	YAV6CL-	YSV6CL-	1	#6 AWG	YAV6C-	YSV6C-	1
#4 AWG	#6 - #4 AWG	YAV4CL-	YSV4CL-	1	#6 - #4 AWG	YAV4C-	YSV4C-	1
#2 AWG	#6 - #2 AWG	YAV2CL-	YSV2CL-	1	#6 - #2 AWG	YAV2C-	YSV2C-	1
#1 AWG	#4 - #1 AWG	YAV1CL-	YSV1CL-	1	#4 - #1 AWG	YAV1C-	YSV1C-	1
1/0 AWG	#4 - 1/0 AWG	YAV25L-	YSV25L-	1	#6 - 1/0 AWG	YAV25-	YSV25-	2
2/0 AWG	#2 - 2/0 AWG	YAV26L-	YSV26L-	1	#4 - 2/0 AWG	YAV26-	YSV26-	2
3/0 AWG	#1 - 3/0 AWG	YAV27L-	YSV27L-	1	#2 - 3/0 AWG	YAV27-	YSV27-	2
4/0 AWG	1/0 - 4/0 AWG	YAV28L-	YSV28L-	1	#1 - 4/0 AWG	YAV28-	YSV28-	2
250 kcmil	3/0 - 250	YAV29L-	YSV29L-	1	1/0 - 250	YAV29-	YS29-	2
300 kcmil	4/0 - 313.1	YA32L-	YS32L-	1	2/0 - 313.1	YA32-	YS32-	2
350 kcmil	250 - 373.7	YA34L-	YS34L-	1	3/0 - 373.7	YA34-	YS34-	2
450 kcmil	250 - 444.4	YA36L-	YS36L-	1	4/0 - 444.4	YA36-	YS36-	2
500 kcmil	373.7 - 535.3	YA38L-	YS38L-	1	4/0 - 535.3	YA38-	YS38-	2
600 kcmil	373.7 - 600	YA39L-	YS39L-	2	250 - 600	YA39-	YS39-	3
650 kcmil	444.4 - 646	YA40L-	YS40L-	2	373.3 - 646	YA40-	YS40-	3
750 kcmil	535.3 - 777.7	YA44L-	YS44L-	2	535.3 - 777.7	YA44-	YS44-	3

COPPER CONNECTORS

E-Line Connectors							
		Aluminum			Copper		
Wire Size	Expanded Wire Range	Offset Cat. No.	Centerformed Cat. No.	No. of Crimps	Offset Cat. No.	Centerformed Cat. No.	No. of Crimps
#8 AWG	#8 AWG	YA8CA-T-E		1			
#6 AWG	#6 AWG						
#4 AWG	#6 - #4						
#2 AWG	#6-#2	YA2CA-T-E	YAC2CA-T-E	1			
#1 AWG	#6-#1						
1/0 AWG	#6-1/0	YA25A-T-E		1	YA25L-T-E	YAC25L-T-E	1
2/0 AWG	#4 - 2/0	YA26A-T-E		2	YA26L-T-E	YAC26L-T-E	1
3/0 AWG	#2 - 3/0	YA27A-T-E	YAC27A-T-E	2			
4/0 AWG	#1 - 4/0	YA28A-T-E		2			
250 kcmil	1/0 - 250						
300 kcmil	2/0 - 300	YA30A-T-E		2	YA30L-T-E	YAC30L-T-E	2
350 kcmil	3/0 - 350	YA31A-T-E	YAC31A-T-E	2			
400 kcmil	4/0 - 400	YA32A-T-E		4			
500 kcmil	4/0 - 500	YA34A-T-E		4	YA34L-T-E		2
500 kcmil	4/0-500				YA342L-T-E		2
600 kcmil	250 - 600	YA36A-T-E		4	YA36L-T-E		2
600 kcmil	250-600				YA362L-T-E		2
700 kcmil	350-700						
750 kcmil	500-750	YA39A-T-E		4	YA39L-T-E		2
750 kcmil	500-750				YA392L-T-E		2
800 kcmil	500-800						
1000 kcmil	750-1000						

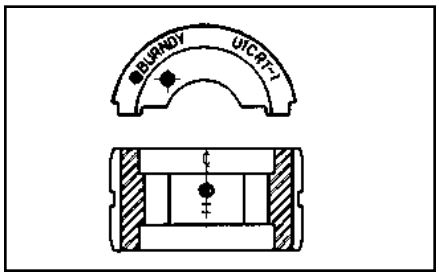
*Same number of recommended crimps for both Standard and Expanded wire ranges

Blue highlighted items are industry standard and most frequently ordered.

12-TON U DIES*

BURNDY® Die Sets

Fits Y35, Y39, Y750 Series, PAT750-18V Series, PAT46-18V, Y46 (W/PUADP-1 Adapter)





U die case Part# **PT29291**, holds up to 15 dies

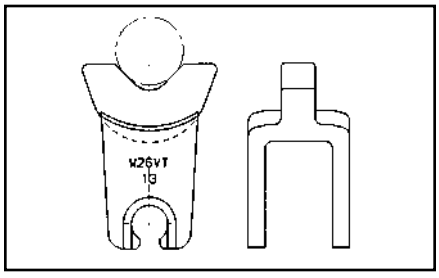
Wire Size		Copper	Aluminum
Small	#8	**U8CRT**	**U8CABT**
	#6	**U5CRT**	**U6CABT**
	#4	**U4CRT**	**U4CABT**
	#3	**U3CRT**	N/A
	#2	**U2CRT**	**U2CABT**
	#1	**U1CRT-1**	**U1CART**
	1/0	**U25RT**	**U25ART**
	2/0	**U26RT**	**U26ART**
	3/0	**U27RT**	**U27ART**
	4/0	**U28RT**	**U28ART**
	250 kcmil	**U29RT**	**U29ART**
	300 kcmil	**U30RT**	**U30ART**
	350 kcmil	**U31RT**	**U31ART**
	400 kcmil	**U32RT**	**U32ART**
	500 kcmil	**U34RT**	**U34ART**
	535 Flex kcmil	**U38XRT**	N/A
	600 kcmil	**U36RT**	**U36ART**
	750 kcmil	**U39RT**	**U39ART-2**
Large	777 Flex	**U44XRT**	N/A

* Non-tension U-type 12-ton dies for YA, YS, YA-A, YS-A style connectors.
NOTE: N/A = not applicable.

W DIES

BURNDY® Die Sets

Fits Tools MD6, MD7, Y500CTHS, PAT600-18V, PATMD6





W die case Part# **CASEWDIES**, holds up to 24 dies

Wire Size		Copper	Copper	Aluminum
Small	#8	**W8CVT**	**W8CRT**	**X8CART**
	#6	**W5CVT**	**W5CRT**	**W161**
	#4	**W4CVT**	**W4CRT**	**W162**
	#3	**W3CRT**	**W3CRT**	N/A
	#2	**W2CVT**	**W2CRT**	**W239**
	#1	**W1CVT**	**W1CRT**	**W163**
	1/0	**W25VT**	**W25CRT**	**W241**
	2/0	**W26VT**	**W26CRT**	**W245**
	3/0	**W27VT**	**W27CRT**	**W166**
	4/0	**W28VT**	**W28CRT**	**W660**
	250	***W29VT**	**W29CRT**	N/A
	300	***W30VT**	**W30CRT**	N/A
	350	***W31VT**	**W31CRT**	***W31ART**
	400	***W32VT**	**W32CRT**	N/A
	450	**W33VT**	**W33CRT**	N/A
	500	***W34VT**	**W34CRT**	N/A
Large	600	****W36RT**	**W36CRT**	N/A

* These sizes (250-500) for Y5000CTHS, MD7-34(R), BAT500, BCT500HS only.
** For PAT600-18V only.
NOTE: N/A = not applicable.
Suitable for use on YA, YS, YA-A, YS-A type non-tension connectors.

Blue highlighted items are industry standard and most frequently ordered.

Conductor		Installation Tooling System: Lugs & Splices One & Two Hole				Taps Thin-Wall C-taps Run=Tap, AWG only			Taps Heavy Duty C-Taps Run=Tap			Taps H-Taps Run=Tap		
					T&B Index*									
AWG	Flex	Die	Color	Index	Code (Flex)	Die	Color	Index	Die	Color	Index	Die	Color	Index
#8/#6 sol	#8	W8CVT U8CRT	**RED**	49	21	W4CVT	**GRAY**	8	U240	**RED**	240	U11T-1	**GREEN**	11
#6	#6	W5CVT U5CRT	**BLUE**	7	24	W2CVT	**BROWN**	10	UC	**BROWN**	C	UBGRT	**ORANGE**	BG
#4	#4	W4CVT U4CRT	**GRAY**	8	29	W25VT	**PINK**	12	UC	**BROWN**	C	UC	**BROWN**	C
#3/#2 sol		W3CRT U3CRT	**WHITE**	9	29	W26VT	**BLACK**	13	UC	**BROWN**	C	UC	**BROWN**	C
#2	#2	W2CVT U2CRT	**BROWN**	10	33	W27VT	**ORANGE**	14	UC	**BROWN**	C	UC	**BROWN**	C
#1	#1	W1CVT U1CRT-1	**GREEN**	11	33 (37)	W28VT	**PURPLE**	15	U997	**ORANGE**	997	U654	**PURPLE**	654
1/0	1/0	W25VT U25RT	**PINK**	12	37 (42)	W29VT	**YELLOW**	16	U997	**ORANGE**	997	U654	**PURPLE**	654
2/0	2/0	W26VT U26RT	**BLACK**	13	42 (45)		REFER TO CATALOG		U997	**ORANGE**	997	U654	**PURPLE**	654
3/0	3/0	W27VT U27RT	**ORANGE**	14	45 (50)				U997	**ORANGE**	997	U654	**PURPLE**	654
4/0	4/0	W28VT U28RT	**PURPLE**	15	50 (54)	-	-	-	U997	**ORANGE**	997	U654	**PURPLE**	654
250	4/0/250 class G & H	W29VT U29RT	**YELLOW**	16	62	-	-	-	U997	**ORANGE**	997	U654	**PURPLE**	654
300	262/250 class I, K & M	W30VT U30RT	**WHITE**	17	62	-	-	-	U1104	**BROWN**	1104	U1104	**BROWN**	1104
350	313	W31VT U31RT	**RED**	18	66	-	-	-	U1104	**BROWN**	1104	U1104	**BROWN**	1104
	350/ 373	W32VT U32RT	**BLUE**	19	(76)	-	-	-	U1104	**BROWN**	1104	U1104	**BROWN**	1104
500	444	W34VT U34RT	**BROWN**	20	76 (87)	-	-	-	U1104	**BROWN**	1104	U1104	**BROWN**	1104
	500/ 535	U38XRT	**PINK**	L99	(99)	-	-	-	P1103	**BLUE**	1103	PYFR	**YELLOW**	KR
600		U36RT	**GREEN**	22	87	-	-	-	P1103	**BLUE**	1103	PYFR	**YELLOW**	KR
700		U38RT	**PINK**	400	99	-	-	-	P1103	**BLUE**	1103	PYFR	**YELLOW**	KR
750	646	U39RT	**BLACK**	24	(106)	-	-	-	P1103	**BLUE**	1103	PYFR	**YELLOW**	KR
	750/ 777	U44XRT	**YELLOW**	L115	(115)									
800		P40RT	**ORANGE**	25	106	-	-	-	P1102	**WHITE**	1102	PYFR	**YELLOW**	KR
1000		P44RT	**WHITE**	27		-	-	-	P1102	**WHITE**	1102	PYFR	**YELLOW**	KR

* Die set with a dash CK are not UL Listed. Please consult factory for further information.

Bolt Equivalent	
Unified Inch Hole Size	**Metric Equivalent**
1/4″	M6
5/16″	M8
3/8″	M10
1/2″	M12
5/8″	M16

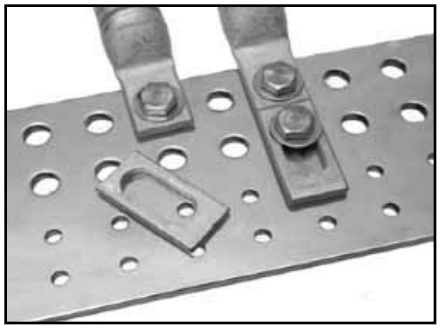
Blue highlighted items are industry standard and most frequently ordered.

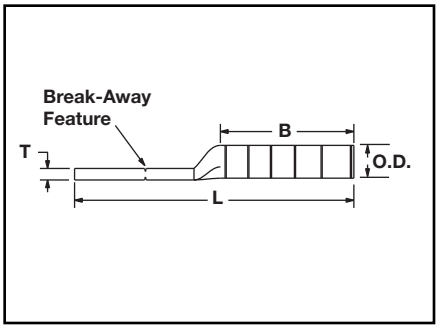
TYPES YBA, YBA-FX, YBAV-FX and YBA-A

BREAK-AWAY™ HYLUG™

Copper and Aluminum Compression Terminals

UL Listed 90° C,
600 Volts to 35 kV





The BREAK-AWAY™ line of Copper and Aluminum HYLUG™ terminals are designed to provide maximum field flexibility by allowing the installer (using the BREAK-AWAY feature) to easily convert two-hole terminals to one-hole terminals to suit the application.

The BREAK-AWAY™ line of terminals encompasses a wide range of features that affords the installer the flexibility in meeting the requirements for challenging projects.

Features and Benefits

- BREAK-AWAY feature allows for field modification of the terminal from a two-hole design to a one-hole design and the terminal still retains its UL Listing and CSA Certification.
- Field modification of the terminal does not require specialized tooling or training.
- Stud size is 1/2″ (12 mm^2) on the first stud as well as the slotted second stud.
- Slotted second stud provides built in flexibility for the terminal to conform to various bus bar dimensions. With the slotted second stud, the terminal can be used on two-hole spacing ranging from 1.00″ to 1.75″ for 1/2″ stud hole sizes and 0.63″ to 1.00″ for 1/4″ stud hole size.
- Narrow tongue design allows for the terminal to fit into tight spaces.
- Accommodates a wide range of conductor combinations (AWG, Compact, DLO, Flex as well as Metric).
- The BREAK-AWAY™ line of terminals can be installed with standard BURNDY® tooling (example: PAT750XT-18V) and U-dies.
- Terminals are range taking when installed with Y644 tooling platforms.

Copper Conductor

Catalog Number	Conductor Size	mm^2	Dimensions						Installation Tooling (# of crimps)					
			Stud Hole Spacing	Stud Hole Size	Tongue Width	B	T	L	Dieless	MD6, MD7, MD7-34R platforms OUR840**	Y500CTHS, PAT60018V, PATMD6 platform	Y35, Y39, Y750, *Y46, PAT750, *PAT46 platforms	Color Code	Die Index
YBAV25FX14	1/0 Flex (275/24); 1/0 AWG	50	.63″ to 1.08″	1/4″ [6]	.73″	1.50″	.13″	3.69″	MY29 **(MY29 platform tools can only be used on Code Conductor)**, PAT644- & Y644- platforms (1) 4-POINT® Y81K, PAT81K, Y4PC PAT4PC- platforms (2)	W25VT (4) X25RT (4) W25RT (4)	W25VT (4) X25RT (4) W25RT (4)	U25RT (2)	Pink	12 or 348
YBAV26FX14	2/0 Flex (325/24); 2/0 AWG	70	.63″ to 1.08″	1/4″ [6]	.89″	1.50″	.13″	3.74″		W26VT (4) X26RT (4) W26RT (4)	W26VT (4) X26RT (4) W26RT (4)	U26RT (2)	Black	13
YBAV27FX14	3/0 Flex (450/24); 3/0 AWG	95	.63″ to 1.08″	1/4″ [6]	.87″	1.50″	.14″	3.78″		W27VT (4) X27RT (4) W27RT (4)	W27VT (4) X27RT (4) W27RT (4)	U27RT (4)	Orange	14
YBAV28FX	4/0 Flex (550/24); 4/0 AWG	120	1″ to 1.75″	1/2″ [12]	.94″	1.62″	.14″	5.24″		X28RT (6) W28RT (4) W28VT (4)	X28RT (6) W28RT (4) W28VT (4)	U28RT (2)	Purple	15
YBA29	250 kcmil (Class A & B)	—	1″ to 1.75″	1/2″ [12]	.96″	1.62″	.16″	5.21″	PAT644 & Y644 platforms (1), 4-POINT® Y81K, PAT81K, Y4PC, PAT4PC platforms (2) for YBA29, (3) for YBA31FX & YBA32FX, (4) for YBA34FX	W29RT (4) W29VT (4)	W29RT (4) W29VT (4)	U29RT (2)	Yellow	16
YBA31FX	250 kcmil (Class I, K & M)	150	1″ to 1.75″	1/2″ [12]	.96″	2.00″	.18″	5.68″		W30VT (4) W30RT (4)	W30VT (4) W30RT (4)	U30RT (4)	White	17 or 298
YBA32FX	313.1 kcmil Flex (775/24)	185	1″ to 1.75″	1/2″ [12]	.96″	2.12″	.19″	5.85″		W31VT (4) W31RT (4)	W31VT (4) W31RT (4)	U31RT (4)	Red	18 or 324
YBA34FX	373.7 kcmil Flex (775/24)	240	1″ to 1.75″	1/2″ [12]	.96″	2.25″	.23″	6.08″		W32VT (4) W32RT (4)	W34VT (6) W34RT (6)	U32RT (4)	Blue	19 or 470

* Y46 and PAT46 platforms require PUADP-1 adaptor to use U dies.

** OUR840 can use X-style dies only.

Blue highlighted items are industry standard and most frequently ordered.

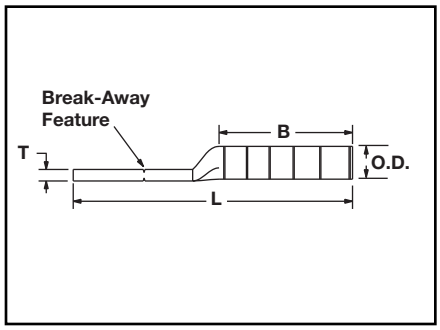
TYPES YBA, YBA-FX, YBAV-FX and YBA-A

BREAK-AWAY™ HYLUG™ (Continued)

Copper and Aluminum Compression Terminals

UL Listed 90° C, 600 Volts to 35 kV

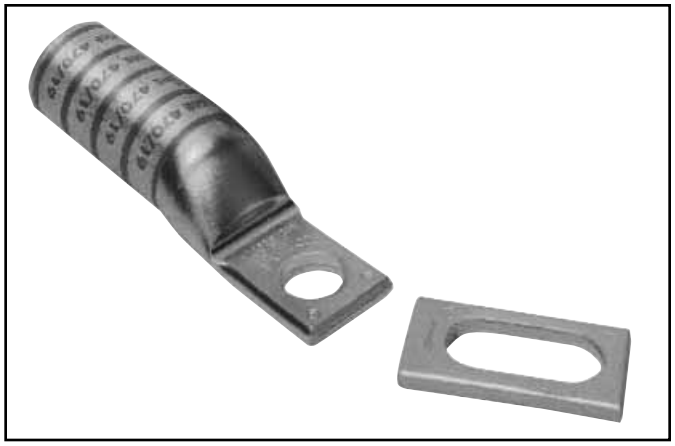




Copper Conductor (Continued)

Catalog Number	Conductor Size	mm²	Dimensions						Installation Tooling (# of crimps)			
			Stud Hole Spacing	Stud Hole Size	Tongue Width	B	T	L	Dieless	Y35, Y39, Y750, *Y46, PAT750, *PAT46 Platforms	Color Code	Die Index
YBA36FX	440 kcmil Flex 444.4 kcmil (1100/24)	—	1″ to 1.75″	1/2″ [12]	1.47″	2.69″	.27″	6.59″	Y644, PAT644 (1), Y81K, PAT81K (2)	U34RT (4)	Brown	20 or 299
YBA36FX58			1″ to 1.75″	5/8″ [16]								
YBA38FX	535.3 Flex (1325/24) 500 kcmil nom.	300	1″ to 1.75″	1/2″ [12]	1.62″	2.81″	.27″	6.76″		U38XRT (4)	Pink	L99
YBA39	750 kcmil (Code Class AA, A & B)	—	1″ to 1.75″	1/2″ [12]	1.63″	2.88″	.27″	6.87″		U39RT (4)	Black	24
YBA44FX	750 kcmil Flex (Class I); 777.7 Flex (1925/24)	500	1″ to 1.75″	1/2″ [12]	1.62″	3.00″	.32″	7.14″		U44XRT (4)	Yellow	L115
YBA44FX58			1″ to 1.75″	5/8″ [16]								

* Y46 and PAT46 platforms require PUADP-1 adaptor to use U dies.



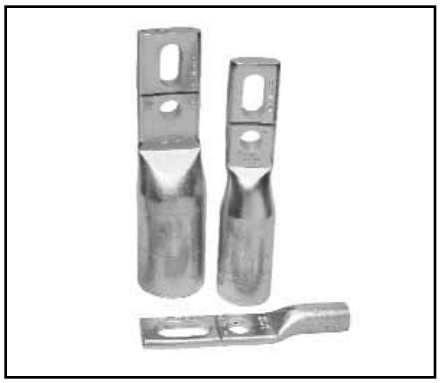
Blue highlighted items are industry standard and most frequently ordered.

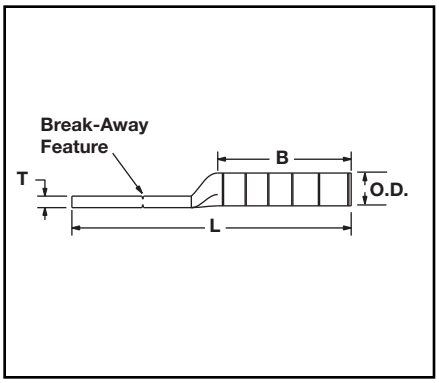
TYPES YBA, YBA-FX, YBAV-FX and YBA-A

BREAK-AWAY™ HYLUG™ (Continued)

Copper and Aluminum Compression Terminals

UL Listed 90° C, 600 Volts to 35 kV





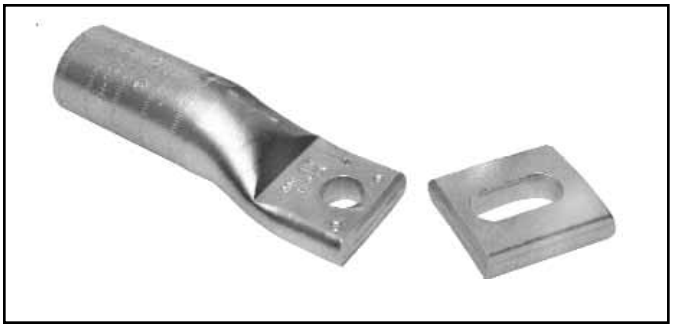
Aluminum Conductor

Catalog Number	Conductor Size (Concentric and Compact)	Dimensions						Installation Tooling (# of crimps)					
		Stud Hole Spacing	Stud Hole Size [mm]	Tongue Width	B	T	L	Dieless	MD6, MD7, MD7-34R platforms OUR840**	Y500CTHS, PAT60018V, PATMD6 platform	Y35, Y39, Y750, *Y46, PAT750, *PAT46 platforms	Color Code	Die Index
YBA25A	1/0	1″ to 1.75″	1/2″ [12]	1.03″	1.05″	.17″	4.59″	MY29 **(MY29 platform tools can only be used on Code Conductor)**, PAT644 & Y644 platforms (1), 4-POINT® Y81K, PAT81K. Y4PC, PAT4PC platforms (2)	W241 (2) X241 (4)	W241 (2)	U25ART (1)	Tan	296
YBA26A	2/0	1″ to 1.75″	1/2″ [12]	1.03″	1.17″	.20″	4.78″		—	—	U26ART (2)	Olive	297
YBA27A	3/0	1″ to 1.75″	1/2″ [12]	1.04″	1.31″	.26″	5.02″		—	—	U27ART (2)	Ruby	467
YBA28A	4/0	1″ to 1.75″	1/2″ [12]	1.17″	1.39″	.30″	5.19″		W660 (4) X660 (8)	W660 (4)	U28ART (2)	White	298
YBA29A	250 kcmil	1″ to 1.75″	1/2″ [12]	1.26″	1.45″	.33″	5.28″	PAT644 & Y644 platforms (1) 4-POINT® Y81K, PAT81K, Y4PC, PAT4PC platforms (2)	—	—	U29ART (2)	Red	324
YBA30A	300 kcmil	1″ to 1.75″	1/2″ [12]	1.38″	1.53″	.36″	5.64″		—	—	U30ART (2)	Blue	470
YBA31A	350 kcmil	1″ to 1.75″	1/2″ [12]	1.52″	1.85″	.39″	6.07″	PAT644 & Y644 platforms (1), 4-POINT® Y81K, PAT81K, Y4PC, PAT4PC platforms (4)	—	—	U31ART (2)	Brown	299
YBA32A	400 kcmil	1″ to 1.75″	1/2″ [12]	1.62″	2.26″	.43″	6.16″		—	—	U32ART (4)	Green	472
YBA34A	500 kcmil	1″ to 1.75″	1/2″ [12]	1.62″	2.34″	.46″	6.80″		—	—	U34ART (4)	Pink	300
YBA36A	600 kcmil	1″ to 1.75″	1/2″ [12]	1.31″	2.47″	.52″	7.09″		—	—	U36ART (4)	Black	473
YBA39A	700 & 750 kcmil	1″ to 1.75″	1/2″ [12]	1.62″	2.46″	.43″	7.07″		—	—	U39ART-2 (2)	Yellow	936
YBA44A	1000 kcmil	1″ to 1.75″	1/2″ [12]	1.65″	2.74″	.55″	7.76″	Y644MBH (1)	—	—	P44ART† (4)	Brown	302

† Can only be crimped with PAT46 or Y46 platform tools using the P44ART die.

* Y46 and PAT46 platforms require PUADP-1 adaptor to use U dies

** OUR840 can use X-style dies only.



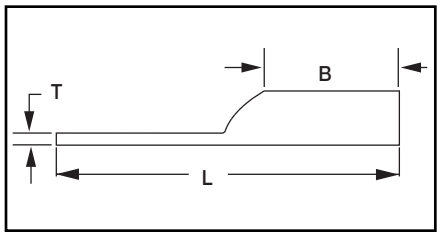
Blue highlighted items are industry standard and most frequently ordered.

TYPES YA-2NU, YA-4NU

Blank Tongue HYLUG™

The Blank Tongue line of Copper Code HYLUG™ terminals are designed to provide maximum field flexibility. Scored lines prevent the drill from walking when trying to drill in this area. This innovative design allows the installer to customize the tongue drilling to fit their specific application while maintaining UL Listing and CSA certification.





Features & Benefits

- Manufactured from seamless high-conductivity electrolytic copper tubing with heavy duty wall thickness.
- Internally beveled barrel end.
- Proper compression systems form a highly efficient electrical connection.
- Dimples located at each end of the scored line represent the location of the NEMA standard hole spacing.
- Scored line locates the center of the Tongue and prevents the drill from walking when trying to drill in this area.
- Offered in a wide range of code conductor sizes.

Catalog Number	Conductor AWG	Conductor *** MM²	Min. Bolt Hole**	Tongue Width	Figure Dimensions B	Figure Dimensions T	Figure Dimensions L	▲ Installation Tooling: Dieless (# of crimps)	▲ Installation Tooling: Mechanical MD6, OUR840, MD7-34R	▲ Installation Tooling: Hydraulic BCT500HS, Y500CTHS	▲ Installation Tooling: Hydraulic Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA8C2NU	#8 AWG	—	#10	.83″	0.81″	.12″	4.08″	Y1MRTC (2) MY29-11 (1)	W8CRT (1) W8CVT (1) X8CRT (2) W8CVT (1)	W8CRT (1)	U8CRT (1) U8CRT (1)	Red	49	7/8″
YA6C2NU	#6 AWG	—	#10	.83″	1.12″	.12″	4.40″	Y1MRTC (2) MY29-11 (2) MRC840 (2) Y81KFT (1) Y81KFTBMH (1) PAT81KFT-18V (1)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	U5CRT (2) U8CABT (2)	Blue	7	1-3/16″
YA4C2NU	#4 AWG	—	#10	.83″	1.12″	.12″	4.45″	Y1MRTC (4) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644HS (1) Y81KFT (1) Y81KFTBMH (1) PAT81KFT-18V (1)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	Gray	8	1-3/16″
YA3C2NU	#3 AWG #2 Sol.	25	1/4	.83″	1.25″	.12″	4.62″		W3CRT (2)	W3CRT (2)	U3CRT (2)	White	9	1-5/16″
YA2C2NU	#2 AWG	35	1/4	.83″	1.25″	.12″	4.64″	Y1MRTC (4) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644HS (1) Y81KFT (2) Y81KFTBMH (2) PAT81KFT-18V (2)	W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	1-5/16″

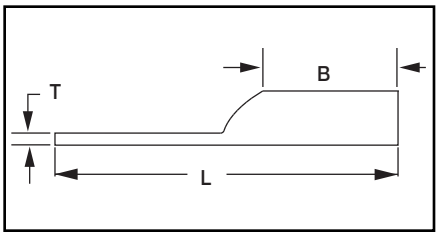
*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™
‡ Requires Y60BHU HYPRESS™
** Minimum bolt hole size must be maintained for UL & CSA.

Blue highlighted items are industry standard and most frequently ordered.

TYPES YA-2NU, YA-4NU

Blank Tongue HYLUG™
(Continued)





Catalog Number	Conductor AWG	Conductor *** MM²	Min. Bolt Hole**	Tongue Width	Figure Dimensions B	Figure Dimensions T	Figure Dimensions L	Dieless (# of crimps)	▲ Installation Tooling Mechanical MD6, OUR840, MD7-34R	▲ Installation Tooling Hydraulic BCT500HS, Y500CTHS	▲ Installation Tooling Hydraulic Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA1C2NU	#1 AWG	50	1/4	.83″	1.38″	.12″	4.82″	Y1MRTC (4) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	U1CRT-1 (2) U4CABT (2)	Green	11	1-7/16″
YA252NU	1/0 AWG	—	1/4	.83″	1.38″	.11″	4.81″	MY29-3 (2) MY29-11 (2) MRC840 (4) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W25VT (4) W25RT (4) X25RT (4)	W25VT (4) W25RT (4) X25RT (4)	U25RT (2) U2CABT (2)	Pink	12	1-7/16″
YA262NU	2/0 AWG	70	1/4	.83″	1.50″	.12″	4.97″		W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13	1-9/16″
YA272NU	3/0 AWG	—	1/4	.91″	1.50″	.13″	5.01		W27VT (4) W27RT (4) X27RT (6)	W27VT (4) W27RT (4) X27RT (6)	U27RT (2)	Orange	14	1-9/16″
YA282NU	4/0 AWG	—	1/4	1.02″	1.62″	.14″	5.17″		W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15	1-11/16″
YA292NU	250 kcmil	120	1/4	1.11″	1.62″	.16″	5.21″	MY29-3 (2) MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W29VT (4) X29RT (8)	W29VT (4) W29RT (4) X29RT (8)	U29RT (2)	Yellow	16	1-11/16″
YA302NU	300 kcmil	150	1/4	1.20″	2.00″	.16″	5.64″	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	W30VT (4)	W30VT (4) W30RT (4)	U30RT (4) U28ART (4)	White	17	2-1/16″
YA312NU	350 kcmil	185	1/4	1.29″	2.00″	.18″	5.68″		W31VT (4)	W31VT (4) W31RT (4)	U31RT (4) U29ART (4)	Red	18	2-1/16″
YA322NU	400 kcmil	—	3/8	1.40″	2.12″	.19″	5.85″		W32VT (4)	W32VT (4) W32RT (4)	U32RT (4) U30ART (4)	Blue	19	2-3/16″
YA342NU	500 kcmil	240	3/8	1.55″	2.25″	.22″	6.06″	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	W34VT (4)	W34VT (4) W34RT (4)	U34RT (4) U31ART (4)	Brown	20	2-5/16″
YA362NU	600 kcmil	300	3/8	1.73″	2.69″	.26″	6.59″		—	—	U36RT (4) U32ART (4)	Green	22	2-3/4″
YA392NU	750 kcmil	—	3/8	1.91″	2.88″	.26″	6.87″	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)			U39RT (4) P39RT (4)**	Black	24	2-15/16″
YA402NU	800 kcmil	400	3/8	1.98″	2.94″	.30″	6.95″				P40RT (4)	Orange	25	3″
YA442NU	1000 kcmil	500	3/8	2.18″	3.00″	.33″	7.14″				P44RT (4)**	White	27	3-1/16″
YA452NU	1250 kcmil	—	3/8	2.46″	3.19″	.38″	7.44″				P45RT (6)**	Yellow	29	3-1/4″
YA462NU	1500 kcmil	800	3/8	2.69″	3.19″	.40″	7.55″				P46RT (6) **	Green	31	3-1/4″
YA472NU‡	1750 kcmil	—	3/8	2.90″	3.44″	.42″	7.89″				‡	Gray	33	3-1/2″
YA482NU‡	2000 kcmil	1000	3/8	3.10″	3.44″	.46″	7.98″	—				Brown	34	3-1/2″
YA444NU	1000 kcmil	500	3/8	3.00″	3.00″	.23″	7.14″				P44RT	White	27	3-1/16″
YA454NU	1250 kcmil	—	3/8	3.00″	3.19″	.30″	7.44″				P45RT	Yellow	29	3-1/4″
YA464NU	1500 kcmil	800	3/8	3.00″	3.19″	.34″	7.55″				P46RT	Green	31	3-1/4″

*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.

* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™

‡ Requires Y60BHU HYPRESS™

** Minimum bolt hole size must be maintained for UL & CSA.

Blue highlighted items are industry standard and most frequently ordered.

TYPES YBA-KIT, YA-KIT, YBAFX-KIT, YAFX-KIT

Copper and Aluminum Turbine Lug Kits

UL Listed 90°C,
600 Volts to 35 kV

Aiding in the staging and flow of material on a project, the BURNDY® Turbine Lug Kits are designed to meet the termination requirements for the standard 1.5 MW wind turbine, improving overall project efficiency. Each lug kit contains UL Listed and CSA Certified copper or aluminum lugs. Kits include the required number of lugs needed to terminate aluminum or copper conductors on the low voltage side of a base transformer or the down tower switchgear. There are four individual kits, two for aluminum, two for copper, they are all custom designed to handle any termination requirements.



Features & Benefits

- **YA44A3** (1000 kcmil aluminum) HYLUG™, 2-hole, narrow tongue aluminum compression terminal that is dual rated for both copper and aluminum.
- **YBA44A** (1000 kcmil, 1000 compact aluminum) BREAK-AWAY™ HYLUG™, 2-hole narrow tongue aluminum compression terminal that is dual rated for both copper and aluminum. The BREAK-AWAY™ feature allows for field modification of the terminal from a 2-hole to a 1-hole terminal and still retain UL Listing and CSA Certification.
- **YAZ442NNTFX** (777.7 Flex, 1925/24 str., 750 kcmil copper) HYLUG™, 2-hole, narrow tongue copper compression terminal that accommodates flex and AWG conductor.
- **YBA44FX** (777.7 Flex, 1925/24 str. [750 kcmil] nom. copper) BREAK-AWAY™ HYLUG™, 2-hole, narrow tongue copper compression terminal that accepts a wide range of conductor combinations (AWG, compact, DLO, flex, metric). The BREAK-AWAY™ feature allows field modification of the terminal from a 2-hole to 1-hole terminal and still retain UL Listing and CSA Certification.
- Both aluminum and copper low voltage turbine lug kits include **YA29-2N** (250 kcmil, copper, 2-hole) lugs for terminating grounding conductor.
- Aluminum kits are shipped with squeeze packets of PENETROX™ oxide inhibitor for terminating aluminum conductor.

Copper Kits

Catalog Number	Includes:
YBAFX15CLKIT	15 pcs YBA44FX (777.7 Flex **Cu** 2-hole NEMA lug); 3 pcs YA29-2N (250 kcmil **Cu** 2-hole NEMA lug)
YAFX15CLKIT	15 pcs YAZ442NNTFX (777.7 Flex **Cu** 2-hole NEMA lug); 3 pcs YA29-2N (250 kcmil **Cu** 2-hole NEMA lug)

Aluminum Kits

Catalog Number	Includes:
YBA15ALKIT	15 pcs YBA44A (1000 **Al** 2-hole NEMA lug); 3 pcs YA29-2N (250 kcmil **Cu** 2-hole NEMA lug); 1 squeeze tube (1/2 oz) of PENETROX™ oxide inhibitor
YA15ALKIT	15 pcs YA44A3 (1000 **Al** 2-hole NEMA lug); 3 pcs YA29-2N (250 kcmil **Cu** 2-hole NEMA lug); 1 squeeze tube (1/2 oz) of PENETROX™ oxide inhibitor



Heat shrink and mounting hardware sold separately.

Blue highlighted items are industry standard and most frequently ordered.

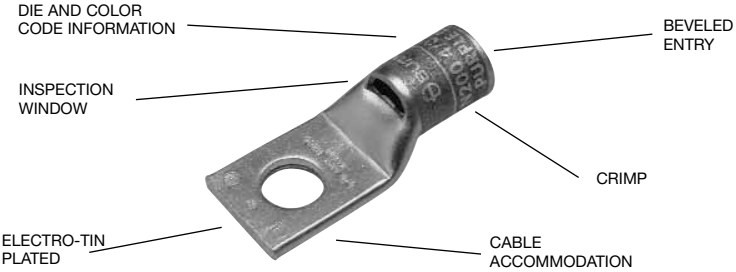
ONE HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL

TYPES YA-L, YA-L-TC

COPPER COMPRESSION TERMINAL

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



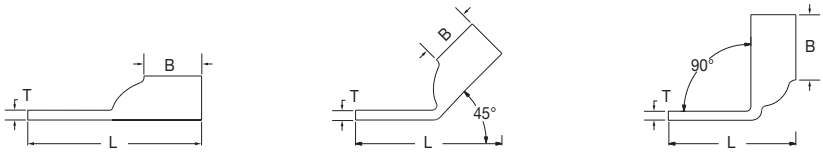


Fig. 1 45° 90°

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	(T)	(L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, 0UR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAV10-BOX	1	#14-#10 Str #12-#10 Sol	6	8-10	.38″	.405″	.058″	1.02″	Y8MRB-1 (1)	—	—	—	—		7/16″
YAV10R-BOX	3					.375″	.058″	.77″							
YAV10R3-BOX	3			1/4″	.47″	.405″	.047″	.83″							
YAV10T2-BOX	1			5/16″	.53″	.38″	.047″	1.12″							
YAV10T3-BOX	1			1/4″	.47″	.405″	.047″	1.10″							
YAV10T4-BOX	1			3/8″	.56″	.38″	.047″	1.18″							
YA8CL1-BOX	1	#8 AWG #8 Weld 37/24 #6 Solid	† 10	1/4″	.44″	.44″	.08″	1.26″	Y1MRTC (1) Y8MRB-1 (1) MY29-3 (1) MY29-11 (1) MRC840 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W8CVT (1) W8CRT (1) X8CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	U8CRT (1)	Red	49	7/16″
YA8CL2-BOX	1			5/16″	.52″	.44″	.06″	1.38″							
YA8CL3-BOX	1			3/8″	.58″	.44″	.06″	1.51″							
YA8CL4-BOX	1			1/2″	.71″	.44″	.05″	1.76″							
YA8CL-BOX	1			8-10	.41″	.44″	.08″	1.16″							
YA6CL-BOX	1	#6 AWG		1/4″	.45″	.54″	.08″	1.18″	Y1MRTC (1) MY29-3 (1) MY29-11 (1) MRC840 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W5CVT (1) W5CRT (1) X5CRT (1) X8CART (1)	W5CVT (1) W5CRT (1) X5CRT (1) X8CART (1)	U5CRT (1)	Blue	7	5/8″
YA6CL1-BOX	1			8-10	.41″	.54″	.09″	.99″							
YA6CL3-BOX	1			5/16″	.52″	.54″	.07″	1.24″							
YA6CL4-BOX	1	#6 AWG		3/8″	.63″	.54″	.06″	1.28″		W5CVT (1) W5CRT (1) X5CRT (1) X8CART (1)	W5CVT (1) W5CRT (1) X5CRT (1) X8CART (1)	U5CRT (1) UBCABT (1)	Blue	7	5/8″
YA6CL6-BOX	1			1/2″	.75″	.54″	.12″	1.60″							
YA5CL-BOX	1	#5 AWG		1/4″	.44″	.81″	.07″	1.65″		W5CRT (1) W5CVT (1) X5CRT (1)	W5CRT (1) X5CRT (1) W5CVT (1)	U5CRT (1)	Blue	7	7/8″

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.
** P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adapter not required.
*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
† The MM² conductor size listed is for both Class 2 and Class 5 conductor.
▲ See tooling section of this catalog for complete tool and die listings.
◆ For applications greater than 2000 Volts, consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

ONE HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL (Continued)



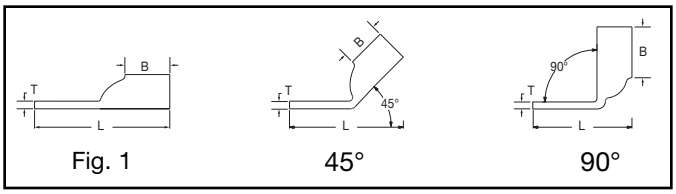


Fig. 1 45° 90°

45° and 90° angles are available.
Please contact Customer Service to order:
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Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	▲ Installation Tooling: Mechanical MD6, OUR840, MD7-34R	▲ Installation Tooling: Hydraulic BCT500HS, Y500CTHS	▲ Installation Tooling: Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA4CL-BOX	1	#4 AWG	25	1/4″	.50″	.81″	.09″	1.74″	Y1MRTC (2) MY29-3 (1) MY29-11 (1) MRC840 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W4CVT (1) W4CRT (1) X4CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	U4CRT (1) U6CABT (1)	Gray	8	7/8″
YA4CL1-BOX	1			8-10	.50″	.81″	.09″	1.58″							
YA4CL3-BOX	1			5/16″	.58″	.81″	.08″	1.92″							
YA4CL4-BOX	1			3/8″	.58″	.81″	.08″	1.92″							
YA4CL6-BOX	1			1/2″	.71″	.81″	.06″	2.20″							
YA3CL	1	# 3 Str # 2 Sol	25	5/16″	.55″	.88″	.09″	1.88″		W3CRT (1)	W3CRT (1)	U3CRT (1)	White	9	15/16″
YA2CL2-BOX	1	#2 AWG	35	1/4″	.61″	.88″	.11″	1.88″		W2CVT (1) W2CRT (1) X2CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	U2CRT (1)	Brown	10	15/16″
YA2CL-BOX	1			5/16″	.61″	.88″	.11″	1.93″							
YA2CL4-BOX	1			3/8″	.61″	.88″	.11″	2.06″							
YA2CL6-BOX	1			1/2″	.73″	.88″	.09″	2.32″							
YA1CL2	1	#1 AWG	50	1/4″	.68″	.88″	.10″	1.81″		W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	U1CRT-1 (1) U4CABT (1)	Green	11	15/16″
YA1CL-BOX	1			5/16″	.68″	.88″	.01″	1.94″							
YA1CL4-BOX	1			3/8″	.68″	.88″	.10″	2.06″							
YA1CL6-BOX	1			1/2″	.73″	.88″	.09″	2.37″							
YA25L2-BOX	1	1/0 AWG		1/4″	.75″	.88″	.12″	1.84″	MY29-3 (1) MY29-11 (1) MRC840 (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W25VT (2) W25RT (2) X25RT (2)	W25VT (2) W25RT (2) X25RT (2)	U25RT (1) U2CABT (1)	Pink	12	15/16″
YA25L4-BOX	1			3/8″	.75″	.88″	.12″	2.09″							
YA25L6-BOX	1			1/2″	.75″	.88″	.12″	2.34″							
YA25L-BOX	1			5/16″	.75″	.88″	.12″	1.96″							
YA26L2-BOX	1	2/0 AWG	70	1/4″	.83″	.94″	.12″	1.94″		W26VT (2) W26RT (2) X26RT (2)	W26VT (2) W26RT (2) X26RT (2)	U26RT (1)	Black	13	1″
YA26L-BOX	1			3/8″	.83″	.94″	.12″	2.19″							
YA26L60	1			3/4″	.96″	.94″	.12″	2.96″							
YA26L6-BOX	1			1/2″	.83″	.94″	.12″	2.44″							
YA26LNT516	1			5/16″	.62″	.94″	.13″	2.62″							
YA27L3	1	3/0 AWG		5/16″	.91″	1.00″	.13″	2.16″	MY29-3 (1) MY29-11 (1) MRC840 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W27VT (2) W27RT (2) X27RT (3)	W27VT (2) W27RT (2) X27RT (3)	U27RT (1)	Orange	14	1-1/16″
YA27L4-BOX	1			3/8″	.91″	1.00″	.13″	2.29″							
YA27L-BOX	1			1/2″	.91″	1.00″	.13″	2.54″							
YA27LNT38	1			3/8″	.76″	1.00″	.12″								
YA28L2-BOX	1	4/0 AWG		1/4″	1.02″	.88″	.14″	1.96″		W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/8″
YA28L3	1	4/0 AWG		5/16″	1.02″	.88″	.14″	2.08″	MY29-3 (1) MY29-11 (1) MRC840 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W28VT (2) W28RT (2) X28RT (2)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/8″
YA28L4-BOX	1			3/8″	1.02″	.88″	.14″	2.21″							
YA28L56	1			3/4″	1.05″	.88″	.13″	1.97″							
YA28L-BOX	1			1/2″	1.02″	.88″	.14″	2.46″							
YA28LNT38	1			3/8″	.76″	.88″	.16″	2.79″							

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▲ See tooling section of this catalog for complete tool and die listings.

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Blue highlighted items are industry standard and most frequently ordered.

ONE HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL
(Continued)



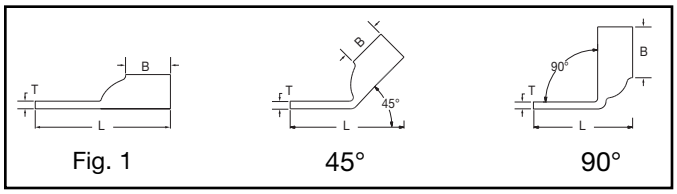


Fig. 1 45° 90°

45° and 90° angles are available.
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Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	▲ Installation Tooling: Mechanical MD6, 0UR840, MD7-34R	▲ Installation Tooling: Hydraulic BCT500HS, Y500CTHS	▲ Installation Tooling: Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA29L2	1	250 kcmil		1/4″	1.11″	1.06″	.16″	2.17″	MY29-3 (1) MY29-11 (1) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W29VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16	1-1/8″
YA29L4	1			3/8″	1.11″	1.06″	.16″	2.42″							
YA29L7	1			5/16″	1.11″	1.06″	.16″	2.30″							
YA29LTC78	1			7/8″	1.11″	1.06″	.14″	3.36″							
YA29LNT38	1			3/8″	.96″	1.06″	.16″	2.96″							
YA29L-BOX	1			1/2″	1.11″	1.06″	.16″	2.67″							
YA30L	1	300 kcmil	150	1/2″	1.20″	1.03″	.16″	2.69″	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W30VT (2)	W30VT (2) W30RT (2)	U30RT (2) U28ART (2)	White	17	1-1/16″
YA30L1	1			5/16″	1.20″	1.03″	.16″	2.31″							
YA30L24	1			3/8″	1.20″	1.03″	.16″	2.44″							
YA30L27	1			7/8″	1.20″	1.03″	.16″	3.37″							
YA30L28	1			3/4″	1.20″	1.03″	.16″	3.12″							
YA30L7	1			5/8″	1.20″	1.03″	.16″	2.94″							
YA31L	1	350 kcmil	185	1/2″	1.29″	1.06″	.18″	2.75″		W31VT (2)	W31VT (2) W31RT (2)	U31RT (2) U29ART (2)	Red	18	1-3/16″
YA31L11	1			3/8″	1.29″	1.06″	.18″	2.50″		W31VT (2)	W31VT (2) W31RT (2)	U31RT (2) U29ART (2)	Red	18	1-3/16″
YA31L36	1			7/8″	1.29″	1.06″	.18″	4.02″							
YA31L7	1			5/8″	1.29″	1.06″	.18″	3.00″							
YA31LNT38				3/8″	96″	1.06″	.18″	3.37″							
YA32L	1	400 kcmil		5/8″	1.38″	1.19″	.19″	3.18″	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W32VT (2)	W32VT (2) W32RT (2)	U32RT (2) U30ART (2)	Blue	19	1-1/4″
YA32L1	1			1/2″	1.40″	1.19″	.19″	2.93″							
YA32L14	1			3/8″	1.38″	1.19″	.19″	2.68″							
YA32LTC78	1			7/8″	1.40″	1.19″	.19″	3.62″							
YA33L	1	450 kcmil		5/8″	1.48″	1.50″	.21″	3.57″		W33VT (2)	W33VT (2) W33RT (2)	U33RT (2)	Gray	326	1-9/16″
YA34L	1	500 kcmil	240	5/8″	1.55″	1.27″	.23″	3.37″		W34VT (2)	W34VT (2) W34RT (2)	U34RT (2) U31ART (2)	Brown	20	1-7/16″
YA34L20	1			1″	1.55″	1.27″	.23″	4.05″							
YA34L37	1			3/8″	1.55″	1.27″	.23″	2.87″							
YA34L6	1			1/2″	1.55″	1.27″	.23″	3.12″							
YA34L8	1			3/4″	1.55″	1.27″	.23″	3.55″							
YA34L9	1			7/8″	1.55″	1.27″	.23″	3.80″							
YA35L	1	550 kcmil		5/8″	1.65″	1.69″	.25″	3.81″		—	—	U35RT (2)	Yellow	21	1-3/4″
YA36L11	1	600 kcmil	300	1/2″	1.74″	1.38″	.27″	3.29″		—	—	U36RT (2)	Green	22	1-3/4″
YA36L	1			5/8″	1.74″	1.38″	.27″	3.72″							
YA36LTC78	1	600 kcmil	300	7/8″	1.74″	1.38″	.27″	3.97″	Y644HS (1) Y81KFT (2) Y81KFTMBH (2)	—	—	U36RT (2) U32ART (2)	Green	22	1-3/4″
YA37L	1	650 kcmil		5/8″	1.80″	1.39″	.27″	3.57″		—	—	U37RT (2)	Orange	23	1-15/16″
YA37L1	1							3.76″							
YA38L	1	700 kcmil		5/8″	1.84″	1.45″	.27″	3.66″	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	—	—	U38RT (2)	Pink	400	1-15/16″
YA39L	1	750 kcmil		5/8″	1.91″	1.42″	.27″	3.67″		—	—	U39RT (2) P39RT (2) **	Black	24	1-15/16″
YA39L2	1			7/8″	1.91″	1.42″	.27″	4.10″							
YA39L9	1			1-1/4″	1.91″	1.42″	.27″	4.85″							
YA39LNT38				3/8″	1.12″	1.42″	.27″	4.70″							
YA39L6	1			1/2″	1.91″	1.42″	.27″	3.41″							

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▲ See tooling section of this catalog for complete tool and die listings.

◆ For applications greater than 2000 Volts, consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

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ONE HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL
(Continued)



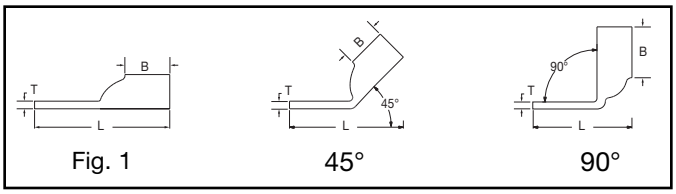


Fig. 1 45° 90°

45° and 90° angles are available.
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Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA40L	1	800 kcmil	400	5/8″	1.98″	1.42″	.30″	3.81″	Y644HS (1)	—	—	P40RT(3) **	Orange	25	1-15/16″
YA41L	1	850 kcmil		5/8″	2.01″	1.88″	.31″	4.15″	Y81KFT (3)	—	—	—	Gold	26	1-15/16″
YA44L	1	1000 kcmil	500	5/8″	2.19″	1.65″	.33″	4.04″	Y81KFTMBH (3) PAT81KFT-18V (3) Y644MBH (1) PAT644-18V (1)	—	—	P44RT(3) **	White	27	1-15/16″
YA44L2	1			1/2″	2.49″	1.65″	.33″	3.98″							
YA44L23	1			1″	2.19″	1.65″	.33″	4.73″							
YA45L	1	1250 kcmil		3/4″	2.46″	2.00″	.38″	4.68″		—	—	P45RT(3) **	Yellow	29	2-1/16″
YA453L	1	1300 kcmil		3/4″	2.53″	2.00″	.39″	4.71″		—	—	—	Orange	30	2-1/16″
YA46L	1	1500 kcmil		3/4″	2.69″	2.00″	.40″	4.78″		—	—	P46RT (3) **	Green	31	2-1/16″
YA48L	1	2000 kcmil		3/4″	3.10″	2.25″	.46″	5.19″		—	—	—	Brown	34	2-1/4″

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▲ See tooling section of this catalog for complete tool and die listings.
u For applications greater than 2000 Volts, consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

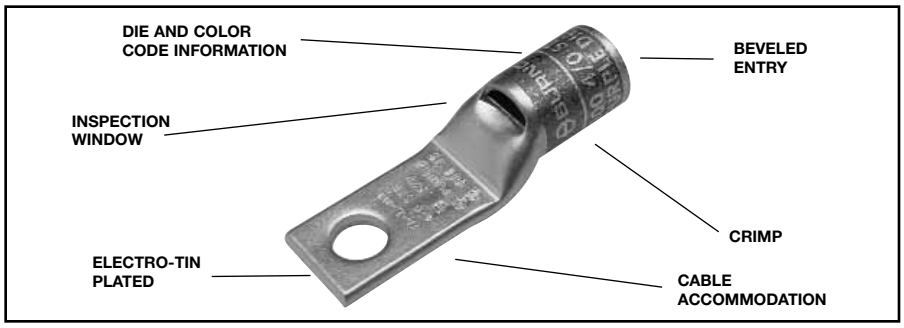
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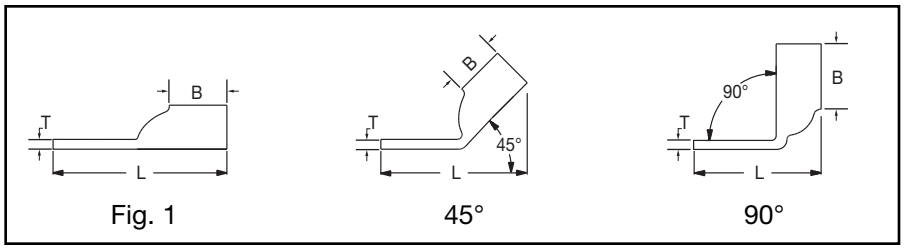


Fig. 1 45° 90°

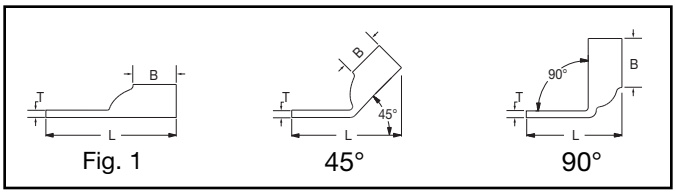
Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling **** Dieless (# of crimps)	▲ Installation Tooling Mechanical MD6, OUR840, MD7-34R	▲ Installation Tooling Hydraulic BCT500HS, Y500CTHS	▲ Installation Tooling Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA8CLNT6	1	#8 AWG	** 10	6	.29″	.44″	.09″	1.08″	Y8MRB-1 (1) MY29-3 (1) MY29-11 (1) MRC840 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W8CVT (1)	X8CRT (1)	U8CRT (1)	Red	49	1/2″
YA8CLNT8	1			8	.33″	.44″	.09″	1.18″							
YA6CLNT6	1	#6 AWG	—	6	.29″	.54″	.09″	1.17″	Y1MRTC (1)	W5CVT (1)	X5CRT (1)	U5CRT (1)	Blue	7	7/8″
YA4CLNT10	1	#4 AWG	—	# 10	.40″	.81″	.09″	1.73″	MY29-3 (1)	W4CVT (1)	X4CRT (1)	U4CRT (1)	Gray	8	7/8″
YA3CLNT14	1	#3 AWG #2 Sol.	25	1/4″	.41″	.88″	.09″	1.82″	MY29-11 (1) MRC840 Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W3CVT (1)	W3CVT (1)	U3CRT (1)	White	9	15/16″
YA3CLNT516	1			5/16″	.49″	.88″	.09″	1.80″							
YA2CLNT10	1	#2 AWG	35	# 10	.48″	.88″	.11″	1.80″		W2CVT (1)	X2CRT (1)	U2CRT (1)	Brown	10	15/16″
YA2CLNT14	1			1/4″	.50″	.88″	.11″	1.80″							
YA2CLNT516	1			5/16″	.49″	.88″	.11″	1.82″							
YA1CLNT10	1	#1 AWG	50	# 10	.50″	.88″	.10″	2.23″	MY29-3 (1) MY29-11 (1) MRC840 Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W1CVT (1)	X1CRT (1)	U1CRT (1)	Green	11	15/16″
YA1CLNT14	1			1/4″	.50″	.88″	.10″	2.23″							
YA25LNT10	1	1/0 AWG	—	# 10	.62″	.88″	.12″	2.28″		W25VT (2)	X25RT (2)	U25RT (1)	Pink	12	15/16″
YA25LNT14	1			1/4″	.48″	.88″	.12″	1.93″							
YA25LNT516	1			5/16″	.62″	.88″	.12″	2.28″							
YA25LNT38	1			3/8″	.62″	.88″	.12″	2.18″							
YA26LNT10	1	2/0 AWG	70	# 10	.62″	.94″	.13″	2.62″		W26VT (2)	X26RT (2)	U26RT (1)	Black	13	1″
YA26LNT14	1			1/4″	.48″	.94″	.13″	2.02″							
YA26LNT516	1			5/16″	.62″	.94″	.13″	2.62″							
YA26LNT38	1			3/8″	.72″	.94″	.12″	2.48″							

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.
** The MM² conductor size listed is for Class 2 and Class 5 conductor.
*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
**** Y644M is not recommended for standard barrel length #6 AWG HYLUG™.
▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FXconnectors. For nest/indentor system contact factory.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

ONE HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL NARROW TONGUE (Continued)





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Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling **** Dieless (# of crimps)	▲ Installation Tooling Mechanical MD6, OUR840, MD7-34R	▲ Installation Tooling Hydraulic BCT500HS, Y500CTHS	▲ Installation Tooling Hydraulic Y35, Y39, Y750, Y46*, PAT750	▲ Installation Tooling Color Code	▲ Installation Tooling Die Index	Wire Strip Length
YA27LNT14	1	3/0 AWG	—	1/4″	.76″	1.00″	.13″	2.10″	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W27VT (2)	X27RT (3)	U27RT (1)	Orange	14	1-1/16″
YA27LNT516	1			5/16″	.60″	1.00″	.12″	2.17″							
YA27LNT38	1			3/8″	.76″	1.00″	.12″	2.73″							
YA28LNT14	1	4/0 AWG	—	1/4″	.76″	.88″	.14″	2.60″		W28VT (2)	X28RT (3)	U28RT (1)	Purple	15	1-1/8″
YA28LNT516	1			5/16″	.70″	.88″	.14″	2.09″							
YA28LNT38	1			3/8″	.76″	.88″	.14″	2.67″							
YA29LENT516	1	250 kcmil	—	5/16″	.76″	1.06″	.16″	2.48″		W29VT (2)	X29RT (4)	U29RT (1)	Yellow	16	1-1/8″
YA29LENT38	1			3/8″	.76″	1.06″	.16″	2.96″							
YA29LNT38	1			3/8″	.96″	1.06″	.16″	2.96″							
YA30LNT14	1	300 kcmil	150	1/4″	.83″	1.03″	.16″	2.26″		W30VT (4)	—	U30RT (2)	White	17	1-1/8″
YA30LNT38	1			3/8″	.96″	1.03″	.16″	2.97″							
YA31LNT38	1	350 kcmil	185	3/8″	.96″	1.06″	.18″	3.31″		W31VT (4)	—	U31RT (2)	Red	18	1-3/16″
YA31LNT12	1			1/2″	.88″	1.06″	.18″	2.75″							
YA32LNT38	1	400 kcmil	—	3/8″	.96″	1.19″	.20″	3.21″		W32VT (4)	—	U32RT (2)	Blue	19 or 470	1-1/4″
YA32LNT12	1			1/2″	.96″	1.19″	.19″	3.21″							
YA34LNT38	1	500 kcmil	240	3/8″	.96″	1.27″	.23″	3.65″		W34VT (4)	—	U34RT (2)	Brown	20 or 299	1-7/16″
YA34LNT12	1			1/2″	.96″	1.27″	.23″	3.65″							
YA36LNT38	1	600 kcmil	300	3/8″	1.12″	1.38″	.27″	4.09″		—	—	U36RT (2)	Green	22	1-3/4″
YA36LNT12	1			1/2″	1.00″	1.38″	.27″	3.29″							
YA39LNT38	1	750 kcmil	—	3/8″	1.12″	1.42″	.27″	4.24″	Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	—	—	U39RT (2)	Black	24	1-15/16″
YA39LNT12	1			1/2″	1.63″	1.42″	.27″	4.24″							
YA39LNT58	1			5/8″	1.30″	1.42″	.27″	3.67″							

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.
** The MM² conductor size listed is for Class 2 and Class 5 conductor.
*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
**** Y644M is not recommended for standard barrel length #6 AWG HYLUG™.
▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FXconnectors. For nest/indentor system contact factory.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
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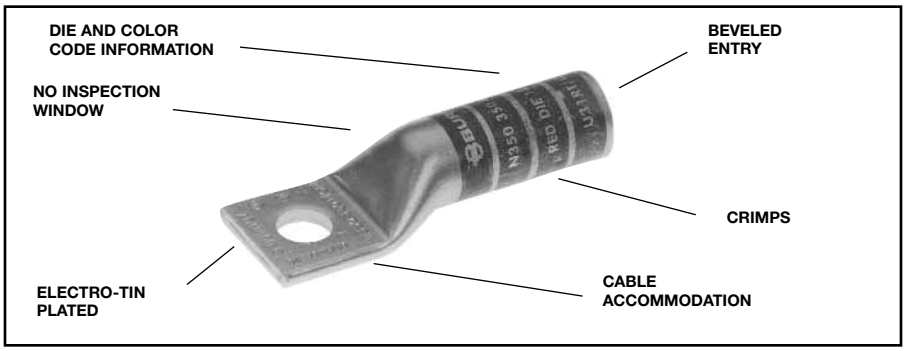
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TYPES YA, YA-TC

UNINSULATED COPPER COMPRESSION TERMINAL

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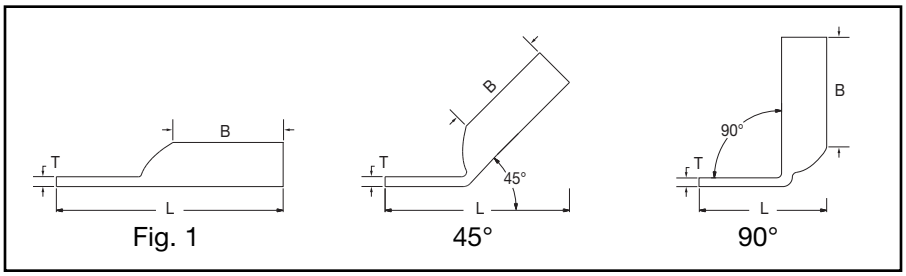


Fig. 1 45° 90°

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, 0UR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750 Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA8CTC10	1	#8 AWG #8 Weld 37/24 #6 Sol	† 10	# 10	38″	.81″	.08″	1.57″	MRC840 (2) Y8MBR-1 (1) Y1MRTC (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W8CVT (2) W8CRT (2) X8CRT (2)	X8CRT (2) W8CVT (2) W8CRT (2)	U8CRT (2)	Red	49	1″
YA8CTC14	1			1/4″	.41″	.81″	.08″	1.69″							
YA8CTC38	1			3/8″	58″	.81″	.06″	1.88″							
YA6CTC10	1	#6 AWG	—	# 10	.41″	1.12″	.09″	1.89″	MRC840 (2) MY29-3 (2) MY29-11 (2) Y644HS (1) Y1MRTC (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	U5CRT (2) U8CABT (2)	Blue	7	1-3/16″
YA6CN	1			1/2″	.83″	1.12″	.12″	2.64″							
YA6C	1			1/4″	.41″	1.12″	.09″	1.81″							
YA5C	1	#5 AWG	—	1/4″	.44″	1.12″	.07″	1.98″	Y1MRTC (2) MRC840 (2) MY29-3 (2) MY29-11 (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W5CVT (2) W5CRT (2) X5CRT (2)	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	Blue	7	1-3/16″
YA5CN	1			1/2″	83″	1.12″	.12″	2.67″							
YA4CTC10	1	#4 AWG		# 10	.49″	1.12″	.09″	1.94″	MRC840 (2) MY29-3 (2) MY29-11 (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	Gray	8	1-3/16″
YA4C	1			1/4″	.50″	1.12″	.09″	1.87″							

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.
** P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adapter not required.
*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
† The MM² conductor size listed is for Class 2 and Class 5 conductor.
▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color coded die recommendations for -FX connectors. For nest/indentor system contact factory.
• Available undrilled. Add suffix U to catalog number (example: YA25U).
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

ONE HOLE HYLUG™ CODE CONDUCTOR LONG BARREL
(Continued)

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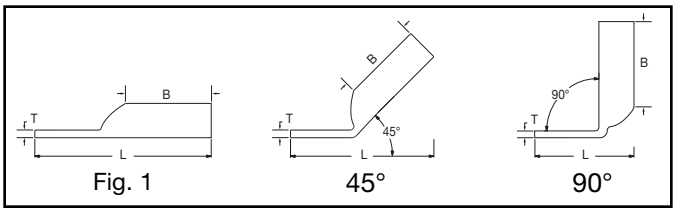


Fig. 1 45° 90°

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA4CTC38	1	#4 AWG	—	3/8″	.58″	1.12″	.08″	2.25″	MRC840 (2) MY29-3 (2) MY29-11 (2) Y644HS (1) Y1MRTC (4) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	Gray	8	1-3/16″
YA4CN	1			1/2″	.83″	1.12″	.12″	2.69″							
YA3CTC14	1	#3 AWG #2 Solid	25	1/4″	.55″	1.25″	.09″	2.23″	MY29-3 (2) MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W3CRT (2)	W3CRT (2)	U3CRT (2)	White	9	1-1/2″
YA3C	1			5/16″	.55″	1.25″	.09″	2.30″							
YA3CTC38	1			3/8″	.61″	1.25″	.08″	2.42″							
YA3CN	1			1/2″	.81″	1.25″	.12″	2.86″							
YA2CTC10	1	#2 AWG	35	# 10	.61″	1.25″	.11″	2.10″	Y1MRTC (4) MRC840 (2) MY29-3 (2) MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2)	W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	1-5/16″
YA2CTC14	1			1/4″	.60″	1.25″	.11″	2.23″							
YA2C	1			5/16″	.61″	1.25″	.11″	2.29″							
YA2CN	1			1/2″	.83″	1.25″	.12″	2.88″							
YA1CTC10	1	#1 AWG	50	# 10	.68″	1.38″	.10″	2.27″	PAT81KFT-18V (2) Y1MR (4) MRC840 (2) MY29-3 (2) MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	U1CRT-1 (2) U4CABT (2)	Green	11	1-7/16″
YA1C	1			5/16″	.68″	1.38″	.10″	2.45″							
YA1CN	1			1/2″	.83″	1.38″	.12″	3.06″							
YA25TC10	1	1/0 AWG	—	# 10	.75″	1.38″	.12″	2.30″	MRC840 (4) MY29-3 (2) MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W25VT (4) W25RT (4) X25RT (4)	W25VT (4) W25RT (4) X25RT (4)	U25RT (2) U2CABT (2)	Pink	12	1-7/16″
YA25	1			5/16″	.75″	1.38″	.12″	2.48″							
YA25TC38	1			3/8″	.75″	1.38″	.12″	2.61″							

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• Available undrilled. Add suffix U to catalog number (example: YA25U).
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

ONE HOLE HYLUG™ CODE CONDUCTOR LONG BARREL
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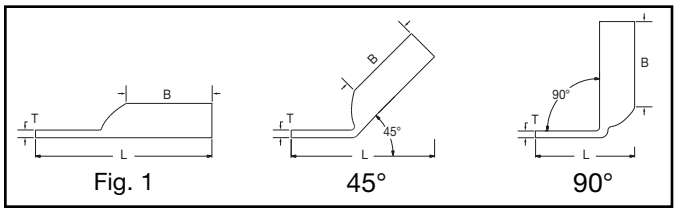


Fig. 1 45° 90°

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	▲ Installation Tooling: Mechanical MD6, OUR840, MD7-34R	▲ Installation Tooling: Hydraulic BCT500HS, Y500CTHS	▲ Installation Tooling: Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA25N	1	1/0 AWG	—	1/2″	.81″	1.38″	.11″	3.05″	MRC840 (4) MY29-3 (2) MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W25VT(4) W25RT (4) X25RT (4)	W25VT (4) W25RT (4) X25RT (4)	U25RT (2) U2CABT (2)	Pink	12	1-7/16″
YA26	1	2/0 AWG	70	3/8″	.83″	1.50″	.12″	2.77″	MRC840 (4) MY29-3 (2) MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13	1-9/16″
YA26N	1			1/2″	.83″	1.50″	.12″	3.21″							
YA27	1	3/0 AWG	—	1/2″	.91″	1.50″	.13″	3.06″	MRC840 (4) MY29-3 (2) MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W27VT (4) W27RT (4) X27RT (6)	W27VT (4) W27RT (4) X27RT (6)	U27RT (2)	Orange	14	1-9/16″
YA28TC38	1	4/0 AWG	—	3/8″	1.02″	1.62″	.14″	2.98″	MRC840 (4) MY29-3 (2) MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15	1-1/16″
YA28	1			1/2″				3.23″							
YA29	1	250 kcmil	—	1/2″	1.11″	1.62″	.16″	3.26″	MY29-3 (2) MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W29VT (4) X29RT (8)	W29VT (4) W29RT (4) X29RT (8)	U29RT (2)	Yellow	16	1-1/16″

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.
** P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adapter not required.
*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color coded die recommendations for -FX connectors. For nest/indentor system contact factory.
• Available undrilled. Add suffix U to catalog number (example: YA25U).
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

ONE HOLE HYLUG™ CODE CONDUCTOR LONG BARREL
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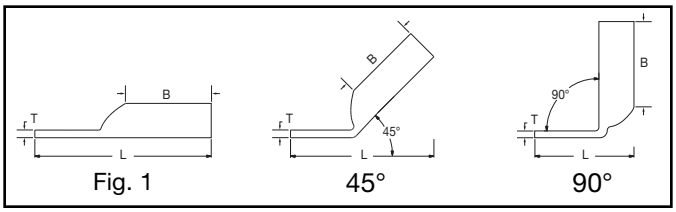


Fig. 1 45° 90°

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA30	1	300 kcmil	150	1/2″	1.20″	2.00″	.16″	3.69″	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	W30VT (4)	W30VT (4) W30RT (4)	U30RT (4) U28ART (4)	White	17 or 298	2-1/16″
YA31	1	350 kcmil	185	1/2″	1.29″	2.00″	.18″	3.73″	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	W31VT (4)	W31VT (4) W31RT (4)	U31RT (4) U29ART (4)	Red	18 or 324	2-1/16″
YA32N	1	400 kcmil	—	1/2″	1.38″	2.12″	.19″	4.09″	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	W32VT (4)	W32VT (4) W32RT (4)	U32RT (4) U30ART (4)	Blue	19 or 470	2-3/16″
YA32	1			5/8″	1.38″	2.12″	.19″	4.15″							
YA33	1	450 kcmil	—	5/8″	1.48″	2.13″	.21″	4.24″	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	W33VT (4)	W33VT (4) W33RT (4)	U33RT (4)	Gray	326 or 538	2-5/16″
YA33N	1			1/2″	1.48″	2.13″	.21″	4.17″							
YA34N	1	500 kcmil	240	1/2″	1.55″	2.25″	.23″	4.32″		W34VT (4)	W34VT (4) W34RT (4)	U34RT (4) U31ART (4)	Brown	20 or 299	2-5/16″
YA34	1			5/8″				4.39″							
YA35	1	550 kcmil	—	5/8″	1.65″	2.63″	.25″	4.79″		—	—	U35RT (4)	Yellow	21	2-11/16″
YA35N	1			1/2″	1.65″	2.63″	.25″	4.73″							
YA36N	1	600 kcmil	300	1/2″	1.69″	2.69″	.27″	4.83″		—	—	U36RT (4) U32ART (4)	Green	22 or 472	2-3/4″
YA36	1			5/8″	1.69″	2.69″	.27″	4.90″							
YA37	1	650 kcmil	—	5/8″	1.80″	2.81″	.27″	5.05″		—	—	U37RT (4)	Orange	23	2-7/8″
YA37N	1			1/2″	1.80″	2.81″	.27″	4.98″							
YA38	1	700 kcmil	—	5/8″	1.84″	2.81″	.27″	5.07″		—	—	U38RT (4)	Pink	400	2-7/8″
YA38N	1			1/2″	1.84″	2.81″	.27″	5.01″							
YA39N	1	750 kcmil	—	1/2″	1.89″	2.88″	.27″	5.11″		—	—	U39RT (4) P39RT (4) **	Black	24	2-15/16″
YA39	1			5/8″	1.89″	2.88″	.27″	5.17″							
YA40	1	800 kcmil	400	5/8″	1.98″	2.94″	.30″	5.25″		—	—	P40RT (4) **	Orange	25	3″
YA41	1	850 kcmil	—	5/8″	2.01″	2.94″	.31″	5.26″		—	—	—	Gold	26	3″
YA41N	1			1/2″	2.01″	2.91″	.31″	5.20″							
YA44	1	1000 kcmil	500	5/8″	2.17″	3.00″	.33″	5.45″		—	—	P44RT (4) **	White	27	3-1/16″
YA44N	1			1/2″	2.19″	3.00″	.33″	5.38″							
YA45	1	1250 kcmil	—	3/4″	2.46″	3.19″	.38″	5.93″		—	—	P45RT (6) **	Yellow	29	3-1/4″
YA46	1	1500 kcmil	—	3/4″	2.69″	3.19″	.40″	6.04″		—	—	P46RT (6) **	Green	31	3-5/16″
YA46N	1			1/2″	2.69″	3.19″	.40″	5.79″							
YA47	1	1750 kcmil	—	3/4″	2.90″	3.44″	.42″	6.38″		—	—	—	Gray	33	3-1/2″
YA47N	1			1/2″	2.90″	3.44″	.42″	6.13″							
YA48	1	2000 kcmil	—	3/4″	3.10″	3.44″	.46″	6.47″		—	—	—	Brown	34	3-1/2″
YA48N	1			1/2″	3.10″	3.44″	.46″	6.22″							

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.
** P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adapter not required.
*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color coded die recommendations for -FX connectors. For nest/indentor system contact factory.
• Available undrilled. Add suffix U to catalog number (example: YA25U).
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

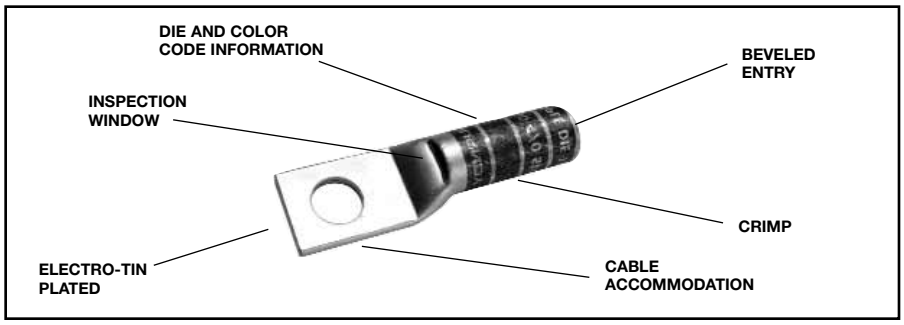
ONE HOLE HYLUG™ CODE CONDUCTOR LONG BARREL WITH INSPECTION WINDOW

TYPE YAZ

UNINSULATED COPPER COMPRESSION TERMINAL

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



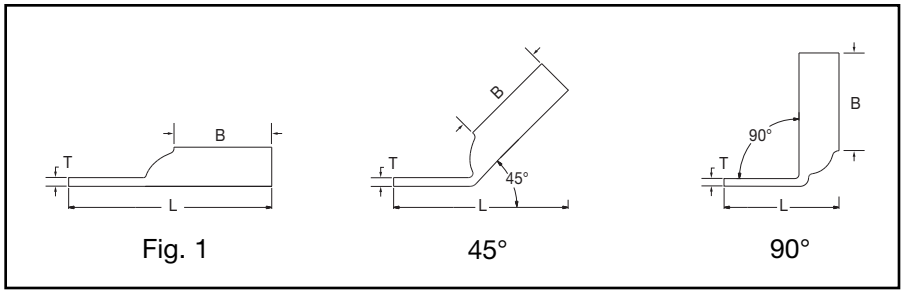


Fig. 1 45° 90°

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	▲ Installation Tooling: Mechanical MD6, OUR840, MD7-34R	▲ Installation Tooling: Hydraulic BCT500HS, Y500CTHS	▲ Installation Tooling: Hydraulic Y35, Y39, Y750, Y46*, PAT750	▲ Installation Tooling: Color Code	▲ Installation Tooling: Die Index	Wire Strip Length
YAZV10TC14	1	#14 - 10 Str #12 - 10 Sol	6	1/4″	.41″	.69″	.05″	1.54″	Y8MRB-1	—	—	—	—	—	3/4″
YAZ8CTC10	1	#8 AWG #8 Weld 37/24 #6 Sol	† 10	#10	.41″	.75″	.08″	1.58″	Y1MRTC (2) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W8CVT (2) W8CRT (2) X8CRT (2)	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (2)	Red	49	7/8″
YAZ8CTC14	1			1/4″	.44″	.75″	.08″	1.71″							
YAZ8CTC38	1			3/8″	.58″	.75″	.06″	1.89″							
YAZ6CTC14	1	#6 AWG	—	1/4″	.45″	1.12″	.08″	2.03″		W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	U5CRT (2) U8CABT (2)	Blue	7 or 374	1-3/16″
YAZ6CTC38	1			3/8″	.58″	1.12″	.06″	2.22″							
YAZ6CTC12	1			1/2″	.83″	1.12″	.12″	2.65″							
YAZ5CTC12	1	#5 AWG	—	1/2″	.83″	1.12″	.12″	2.68″		W5CRT (2) W5CVT (2) X5CRT (2)	W5CVT (2) X5CRT (2) W5CRT (2)	U5CRT (2)	Blue	7 or 374	1-3/16″
YAZ4CTC14	1	#4 AWG	—	1/4″	.49″	1.12″	.09″	2.05″	Y1MRTC (4) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	Gray	8 or 346	1-3/16″
YAZ4CTC38	1			3/8″	.58″	1.12″	.08″	2.23″							
YAZ4CTC12	1			1/2″	.73″	1.12″	.06″	2.50″							

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.
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*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
† The MM² conductor size listed is for Class 2 and Class 5 conductor.
▲ See tooling section of this catalog for complete tool and die listings.
• Available undrilled. Add suffix U to catalog number (example: YA25U).
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

ONE HOLE HYLUG™ CODE CONDUCTOR LONG BARREL WITH INSPECTION WINDOW
(Continued)

UL Listed 90° C,
600 Volts to 35 kV ◆



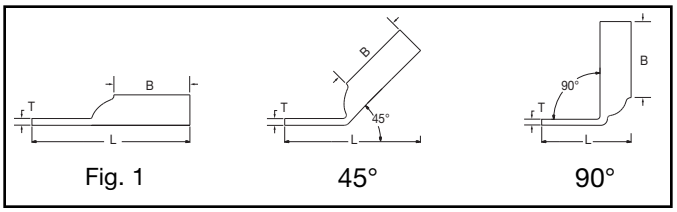


Fig. 1 45° 90°

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	(T)	(L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAZ3CTC14	1	#3 AWG #2 Sol	25	1/4″	.55″	1.25″	.09″	2.21″	Y1MRTC (4) MY29-3 (2)	W3CRT (2)	W3CRT (2)	U3CRT (2)	White	9	1-5/16″
YAZ3CTC38	1			3/8″	.58″	1.25″	.08″	2.39″							
YAZ3CTC12	1			1/2″	.83″	1.25″	.07″	2.83″							
YAZ2CTC14	1	#2 AWG	35	1/4″	.60″	1.25″	.11″	2.23″	MY29-11 (2) MRC840 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	1-5/16
YAZ2CTC38	1			3/8″	.60″	1.25″	.11″	2.41″							
YAZ2CTC12	1			1/2″	.83″	1.25″	.09″	2.85″							
YAZ1CTC14	1	#1 AWG	50	1/4″	.67″	1.38″	.10″	2.39″	Y1MRTC (4) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	U1CRT-1 (2) U4CABT (2)	Green	11 or 375	1-7/16″
YAZ1CTC38	1			3/8″	.67″	1.38″	.10″	2.57″							
YAZ1CTC12	1			1/2″	.83″	1.38″	.09″	3.01″							
YAZ25TC14	1	1/0 AWG	—	1/4″	.75″	1.38″	.12″	2.42″	MY29-3 (2) MY29-11 (2) MRC840 (4) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W25VT (4) W25RT (4) X25RT (4)	W25VT (4) W25RT (4) X25RT (4)	U25RT (2) U2CABT (2)	Pink	12 or 348	1-7/16″
YAZ25TC516	1			5/16″	.75″	1.38″	.12″	2.47″							
YAZ25TC38	1			3/8″	.75″	1.38″	.12″	2.60″							
YAZ25TC12	1			1/2″	.83″	1.38″	.12″	3.04″							
YAZ26TC14	1	2/0 AWG	70	1/4″	.83″	1.50″	.12″	2.58″		W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13	1-9/16″
YAZ26TC38	1			3/8″	.83″	1.50″	.12″	2.76″							
YAZ26TC12	1			1/2″	.83″	1.50″	.12″	3.2″							
YAZ27TC38	1	3/0 AWG	—	3/8″	.90″	1.50″	.12″	2.8″		W27RT (4) W27VT (4) X27RT (6)	W27VT (4) W27RT (4) X27RT (6)	U27RT (2)	Orange	14	1-9/16″
YAZ27TC12	1	3/0 AWG	—	1/2″	.91″	1.5″	0.12″	3.23″	MY29-3 (2) MY29-11 (2) MRC840 (4) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W27RT (4) W27VT (4) X27RT (6)	W27VT (4) W27RT (4) X27RT (6)	U27RT (2)	Orange	14	1-9/16″
YAZ28TC38	1	4/0 AWG	—	3/8″	1.02″	1.62″	0.14″	2.99″		W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15	1-11/16″
YAZ28TC12	1			1/2″	1.02″	1.62″	0.14″	3.40″							
YAZ29TC38	1	250 kcmil	—	3/8″	1.10″	1.62″	0.16″	2.99″	MY29-3 (2) MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W29VT (4) X29RT (8)	W29VT (4) W29RT (4) X29RT (6)	U29RT (2)	Yellow	16	1-11/16″
YAZ29TC12	1			1/2″	1.10″	1.62″	0.16″	3.43″							

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▲ See tooling section of this catalog for complete tool and die listings.
• Available undrilled. Add suffix U to catalog number (example: YA25U).
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

ONE HOLE HYLUG™ CODE CONDUCTOR LONG BARREL WITH INSPECTION WINDOW
(Continued)



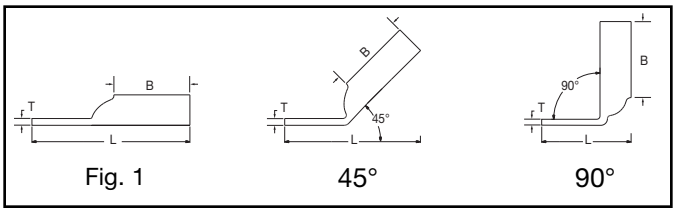


Fig. 1 45° 90°

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAZ30TC38	1	300 kcmil	150	3/8″	1.20″	2″	.16″	3.42″	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	W30VT (4)	W30VT (4)	U30RT (4)	White	17 or 298	2-1/16″
YAZ30TC12	1			1/2″	1.20″	2″	.16″	3.85″			W30RT (4)	U28ART (4)			
YAZ31TC38	1	350 kcmil	185	3/8″	1.29″	2″	0.18	3.45″		W31VT (4)	W31VT (4)	U31RT (4)	Red	18 or 324	2-1/16″
YAZ31TC12	1			1/2″	1.29″	2″	0.18	3.89″			W31RT (4)	U29ART (4)			
YAZ32TC38	1	400 kcmil	—	3/8″	1.40″	2.12″	.19″	3.62″		W32VT (4)	W32VT (4)	U32RT (4)	Blue	19 or 470	2-3/16″
YAZ32TC12	1			1/2″	1.40″	2.12″	.19″	4.06″			W32RT (4)	U30ART (4)			
YAZ33TC12	1	450 kcmil	—	1/2″	1.48″	2.12″	.21″	4.14″	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	W33VT (4)	W33VT (4) W33RT (4)	U33RT (4)	Gray	326 or 538	2-5/16″
YAZ34TC38	1	500 kcmil	240	3/8″	1.55″	2.25″	.23″	3.85″		W34VT (4)	W34VT (4)	U34RT (4)	Brown	20 or 299	2-5/16″
YAZ34TC12	1			1/2″	1.55″	2.25″	.23″	4.29″			W34RT (4)	U31ART (4)			
YAZ35TC12	1	550 kcmil	—	1/2″	1.65″	2.62″	.25″	4.7″		—	—	U35RT (4)	Yellow	21	2-11/16″
YAZ36TC38	1	600 kcmil	300	3/8″	1.74″	2.69″	.26″	4.55″		—	—	U36RT (4) U32ART (4)	Green	22 or 472	2-3/4″
YAZ36TC12	1	600 kcmil	300	1/2″	1.74″	2.69″	.26″	4.80″	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	—	—	U36RT (4)	Green	22 or 472	2-3/4″
YAZ37TC12	1	650 kcmil	—	1/2″	1.80″	2.81″	.27″	4.95″		—	—	U37RT (4)	Orange	23	2-7/8″
YAZ38TC12	1	700 kcmil	—	1/2″	1.84″	2.81″	.27″	4.97″		—	—	U38RT (4)	Pink	400	2-7/8″
YAZ39TC38	1	750 kcmil	—	3/8″	1.91″	2.88″	.27″	4.82″				U39RT (4) P39RT (4) **	Black	24	2-15/16″
YAZ39TC12	1			1/2″	1.91″	2.88″	.27″	5.07″							
YAZ39NT12	1			1/2″	1.63″	2.88″	.27″	5.07″							
YAZ40TC12	1	800 kcmil	400	1/2″	1.98″	2.94″	.30″	5.14″		—	—	P40RT (4) **	Orange	25	3″
YAZ41TC12	1	850 kcmil	—	1/2″	2.01″	2.94″	.31″	5.16″		—	—	—	Gold	26	3″
YAZ44TC38	1	1000 kcmil	500	3/8″	2.19″	3.00″	.33″	5.09″		—	—	P44RT (4) **	White	27	3-1/16″
YAZ44TC12	1			1/2″	2.19″	3.00″	.33″	5.33″							
YAZ45TC12	1	1250 kcmil	—	1/2″	2.46″	3.19″	.38″	5.63″		—	—	P45RT (6) **	Yellow	29	3-1/4″
YAZ453TC12	1	1300 kcmil	—	1/2″	2.53″	3.19″	.39″	5.66″		—	—	—	Orange	30	2-1/16″
YAZ46TC12	1	1500 kcmil		1/2″	2.69″	3.19″	.40″	5.73″		—	—	P46RT (6) **	Green	31	3-5/16″
YAZ47TC12	1	1750 kcmil	—	1/2″	2.90″	3.44″	.42″	6.07″		—	—	—	Gray	33	3-1/2″
YAZ48TC12	1	2000 kcmil		1/2″	3.10″	3.44″	.46″	6.14″		—	—	—	Brown	34	3-1/2″

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.
** P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adapter not required.
*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.

▲ See tooling section of this catalog for complete tool and die listings.
• Available undrilled. Add suffix U to catalog number (example: YA25U).

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

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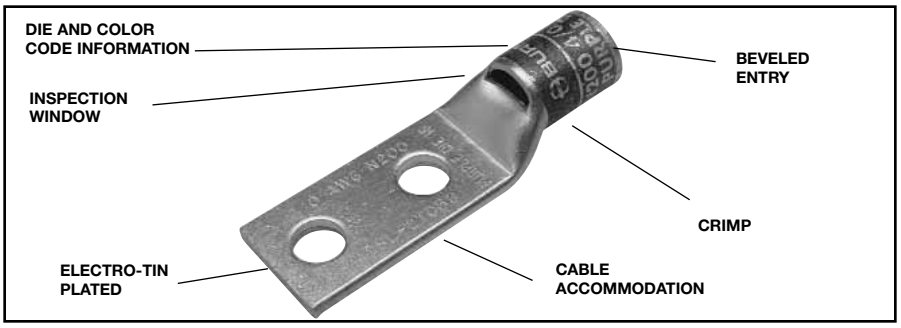
TWO HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL

TYPES YAV-2TC, YA-L2L, YA-2LN, AND YA-L-2TC

COPPER COMPRESSION TERMINAL

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



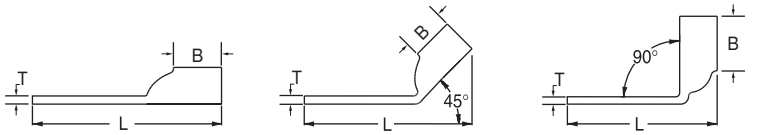


Fig. 1 45° 90°

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	(T)	(L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAV10-2TC10	1	#14-10 Str. #12-10 Sol.	6	# 10	5/8″	.38″	.38″	.06″	1.72″	Y8MRB-1 (1)	—	—	—	—	—	7/16″
YAV10-2TC14	1			1/4″	5/8″	.47″	.38″	.06″	1.84″							
YAV10-2TC14E1	1			1/4″	1″	.47″	.38″	.05″	2.22″							
YAV10-2TC14E2	1			1/4″	3/4″	.47″	.38″	.05″	1.97″							
YAV10-2TC38	1			3/8″	1″	.56″	.38″	.04″	2.40″							
YA8CL-2TC10	1	#8 AWG #8 Weld 37/24 #6 Sol.	† 10	# 10	5/8″	.41″	.44″	.08″	1.83″	Y1MRTC (1) Y8MRB-1 (1) MY29-3 (1) MY29-11 (1) MRC840 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W8CVT (1) W8CRT (1) X8CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	U8CRT (1)	Red	49	1/2″
YA8CL-2TC10E2	1			# 10	3/4″	.41″	.44″	.08″	1.95″							
YA8CL-2TC14	1			1/4″	5/8″	.44″	.44″	.08″	1.95″							
YA8CL-2TC14E1	1			1/4″	1″	.44″	.44″	.08″	2.33″							
YA8CL-2TC14E2	1			1/4″	3/4″	.44″	.44″	.08″	2.08″							
YA8CL-2TC38	1			3/8″	1″	.57″	.44″	.06″	2.52″							
YA8C-2LN	1			1/2″	1-3/4″	.83″	.44″	.12″	3.75″							
YA6C-2L	1	6 AWG	—	1/4″	5/8″	.45″	.54″	.08″	2.01″	Y1MRTC (1) MY29-3 (1) MY29-11 (1) MRC840 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W5CVT (1) W5CRT (1) X5CRT (1) X8CART (1)	W5CVT (1) W5CRT (1) X5CRT (1) X8CART (1)	U5CRT (1) U8CABT (1)	Blue	7	5/8″
YA6C-2LN	1			1/2″	1-3/4″	.81″	.54″	.12″	3.87″							
YA6CL-2TC10	1			# 10	5/8″	.42″	.54″	.09″	1.94″							
YA6CL-2TC14	1			1/4″	5/8″	.45″	.54″	.08″	2.07″							
YA6CL-2TC14E	1			1/4″	1/2″	.45″	.54″	.08″	1.94″							
YA6CL-2TC14E1	1			1/4″	1″	.45″	.54″	.08″	2.44″							
YA6CL-2TC14E2	1			1/4″	3/4″	.44″	.54″	.08″	2.19″							
YA6CL-2TC38	1			3/8″	1″	.63″	.54″	.06″	2.63″							
YA6C-2L51	1			# 10	1/2″	.42″	.54″	.09″	1.79″							
YA6CL-2TC516	1			5/16″	1″	.52″	.54″	.07″	2.51″							
YA6CL-2TC516E2	1			5/16″	3/4″	.52″	.54″	.07″	2.26″							
YA6C-2L52	1			1/4″	1/2″	.45″	.54″	.08″	1.88″							
YA5C-2L	1	5 AWG	—	1/4″	5/8″	.44″	.81″	.07″	2.28″							7/8″

-- Color code not assigned.
* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.
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*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
† The MM² conductor size referenced here is for both Class 2 and Class 5.

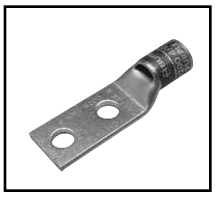
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Note: All dimensions shown are for reference only.

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TWO HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL
(Continued)

UL Listed 90° C,
600 Volts to 35 kV ◆

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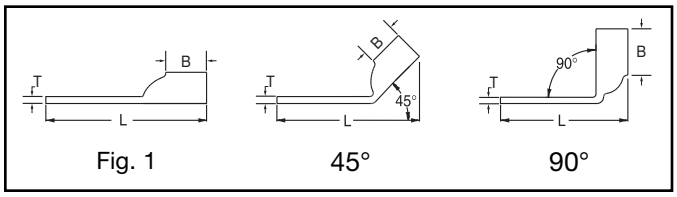


Fig. 1 45° 90°

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	▲ Installation Tooling: Mechanical MD6, 0UR840, MD7-34R	▲ Installation Tooling: Hydraulic BCT500HS, Y500CTHS	▲ Installation Tooling: Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA4C-2L	1	4 AWG	—	1/4″	5/8″	.49″	.81″	.09″	2.30″	Y1MRTC (2) MY29-3 (1) MY29-11 (1) MRC840 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W4CVT (1) W4CRT (1) X4CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	U4CRT (1) U6CABT (1)	Gray	8	7/8″
YA4CL-2TC14	1			1/4″	5/8″	.49″	.81″	.09″	2.36″							
YA4CL-2TC38	1			3/8″	1″	.58″	.81″	.08″	2.96″							
YA4CL-2TC14E1	1			1/4″	1″	.49″	.81″	.09″	2.74″							
YA4C-2LN	1	4 AWG	—	1/2″	1-3/4″	.83″	.81″	.12″	4.14″	Y1MRTC (2) MY29-3 (1) MY29-11 (1) MRC840 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W4CVT (1)	X4CRT (1)	U4CRT (1)	Gray	8	7/8″
YA4CL-2TC14E2	1			1/4″	3/4″	.49″	.81″	.09″	2.49″							
YA4CL-2TC516	1			5/16″	1″	.52″	.81″	.09″	2.80″							
YA3CL-2TC14	1	3 AWG #2 Sol.	25	1/4″	5/8″	.55″	.81″	.09″	2.45″		W3CRT (1)	W3CRT (1)	U3CRT (1)	White	9	15/16″
YA3C-2L	1			5/16″	5/8″	.55″	.88″	.09″	2.64″							
YA3CL-2TC38	1			3/8″	1″	.58″	.88″	.08″	3.06″							
YA2C-2L	1	2 AWG	35	5/16″	3/4″	.60″	.88″	.11″	2.67″		W2CVT (1) W2CRT (1) X2CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	U2CRT (1)	Brown	10	15/16″
YA2C-2LN	1			1/2″	1-3/4″	.83″	.88″	.11″	4.27″							
YA2CL-2TC14	1			1/4″	5/8″	.60″	.88″	.11″	2.47″							
YA2CL-2TC14E1	1			1/4″	1″	.60″	.88″	.11″	2.85″							
YA2CL-2TC14E2	1			1/4″	3/4″	.60″	.88″	.11″	2.60″							
YA2CL-2TC38	1			3/8″	1″	.60″	.88″	.11″	3.03″							
YA2CL-2TC516	1			5/16″	1″	.60″	.88″	.11″	2.91″							
YA1C-2LN	1	1 AWG	50	1/2″	1-3/4″	.81″	.88″	.12″	4.32″		W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	U1CRT-1 (1) U4CABT (1)	Green	11	15/16″
YA1C-2L	1			5/16″	7/8″	.68″	.88″	.10″	2.82″							
YA1CL-2TC14	1			1/4″	5/8″	.68″	.88″	.10″	2.51″							
YA1CL-2TC14E2	1			1/4″	3/4″	.68″	.88″	.10″	2.64″							
YA1CL-2TC38	1		—	3/8″	1	.68″	.88″	.10″	3.07″		W1CVT (1)	X1CRT-1 (1)	U1CRT (1)	Green	11	15/16″
YA25-2L	1	1/0 AWG	—	5/16″	7/8″	.75″	.88″	.12″	2.85″	MY29-3 (1) MY29-11 (1) MRC840 (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W25VT (2) W25RT (2) X25RT (2)	W25VT (2) W25RT (2) X25RT (2)	U25RT (1) U2CABT (1)	Pink	12	15/16″
YA25-2LN	1			1/2″	1-3/4″	.83″	.88″	.11″	4.29″							
YA25L-2TC14	1			1/4″	5/8″	.75″	.88″	.12″	2.64″							
YA25L-2TC14E1	1			1/4″	1″	.75″	.88″	.12″	3.01″							
YA25L-2TC14E2	1			1/4″	3/4″	.75″	.88″	.12″	2.66″							
YA25L-2TC38	1			3/8″	1″	.75″	.88″	.12″	3.10″							
YA26-2L	1	2/0 AWG	70	5/16″	7/8″	.83″	.94″	.12″	2.95″		W26VT (2) W26RT (2) X26RT (2)	W26VT (2) W26RT (2) X26RT (2)	U26RT (1)	Black	13	1″
YA26-2LN	1			1/2″	1-3/4″	.83″	.94″	.12″	4.39″							
YA26L-2TC14	1			1/4″	5/8″	.83″	.94″	.12″	2.64″							
YA26L-2TC14E1	1			1/4″	1″	.83″	.94″	.12″	3.01″							
YA26L-2TC14E2	1			1/4″	3/4″	.83″	.94″	.12″	2.76″							
YA26L-2TC38	1			3/8″	1″	.83″	.94″	.12″	3.20″							
YA27-2LN	1	3/0 AWG	—	1/2″	1-3/4″	.91″	1.00″	.13″	4.48″		W27VT (2) W27RT (2) X27RT (3)	W27VT (2) W27RT (2) X27RT (3)	U27RT (1)	Orange	14	1-1/16″
YA27L-2TC14E2	1			1/4″	3/4″	.91″	1.00″	.12″	2.86″							
YA27L-2TC38	1			3/8″	1″	.91″	1.00″	.12″	3.30″							

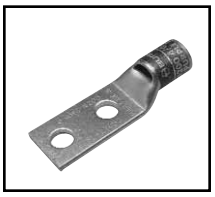
-- Color code not assigned.
▲ See tooling section of this catalog for complete tool and die listings.
◆ For applications greater than 2000 volts consult cable manufacturer for voltage stress relief instructions.
* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.
** P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adapter not required.
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TWO HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL
(Continued)

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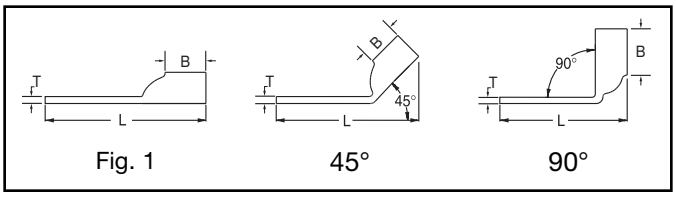


Fig. 1 45° 90°

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	(T)	(L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA28L-2NTC516	1	4/0 AWG	—	5/16″	1-3/4″	1.02″	.88″	.14″	3.84″	MY29-3 (1) MY29-11 (1) MRC840 (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/8″
YA28-2LN	1			1/2″	1-3/4″	1.02″	.88″	.14″	4.41″							
YA28L-2TC14E1	1			1/4″	1″	1.02″	.88″	.14″	3.03″							
YA28L-2TC14E2	1			1/4″	3/4″	1.02″	.88″	.14″	2.78″							
YA28L-2TC38E2	1			3/8″	3/4″	1.02″	.88″	.14″	2.97″							
YA28L-2TC38	1			3/8″	1″	1.02″	.88″	.14″	3.22″							
YA29-2LN	1	250 kcmil	—	1/2″	1-3/4″	1.11″	1.06″	.16″	4.62″	MY29-3 (1) MY29-11 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W29VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16	1-1/8″
YA29L-2TC38	1			3/8″	1″	1.11″	1.06’	.16″	3.45″							
YA30-2LN	1	300 kcmil	150	1/2″	1-3/4″	1.20″	1.03″	.16″	4.63″	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W30VT (2)	W30VT (2) W30RT (2)	U30RT (2) U28ART (2)	White	17	1″
YA30L-2TC-38	1			3/8″	1″	1.20″	1.03″	.16″	3.45″							
YA31-2LN	1	350 kcmil	185	1/2″	1-3/4″	1.29″	1.06″	.18″	4.70″		W31VT (2)	W31VT (2) W31RT (2)	U31RT (2) U29ART (2)	Red	18	1-1/8″
YA31L-2TC12	1			1/2″	1-1/4″	1.29″	1.06″	.18″	4.01″							
YA31L-2TC14E2	1			1/4″	3/4″	1.29″	1.06″	.18″	3.07″							
YA31L-2TC38	1			3/8″	1″	1.29″	1.06″	.18″	3.51″							
YA31L-2NTC516	1			5/16″	1-3/4″	1.29″	1.06″	.18″	4.13″							
YA32-2LN	1	400 kcmil	—	1/2″	1-3/4″	1.38″	1.19″	.19″	4.88″		W32VT (2)	W32VT (2) W32RT (2)	U32RT (2) U30ART (2)	Blue	19	1-1/4″
YA32L-2TC38E5	1			3/8″	1-1/16″	1.40″	1.19″	.19″	3.75″							
YA32L-2TC38	1			3/″8	1″	1.38″	1.19″	.19″	3.69″							
YA32-2L	1			3/8″	1″	1.40″	1.19″	.19″	3.75″							
YA33-2LN	1	450 kcmil	—	1/2″	1-3/4″	1.48″	1.50″	.21″	5.23″		W33VT (2)	W33VT (2) W33RT (2)	U33RT (2)	Gray	326 or 538	1-9/16″
YA34-2LN	1	500 kcmil	240	1/2″	1-3/4″	1.52″	1.27″	.23″	5.06″		W34VT (2)	W34VT (2) W34RT (2)	U34RT (2) U31ART (2)	Brown	20	1-7/16″
YA34L-2TC12	1			1/2″	1-1/4″	1.52″	1.27″	.23″	4.38″							
YA34L-2TC14E2	1			1/4″	3/4″	1.52″	1.27″	.23″	3.44″							
YA34L-2TC38	1			3/8″	1″	1.52″	1.27″	.23″	3.88″							
YA34-2L	1			3/8″	1″	1.55″	1.27″	.23″	3.94″							
YA35-2L	1	550 kcmil	—	3/8″	1-1/8″	1.65″	1.69″	.25″	4.64″		—	—	U35RT (2)	Yellow	21	1-3/4″
YA35-2LN	1			1/2″	1-3/4″	1.65″	1.69″	.25″								
YA36-2LN	1	600 kcmil	300	1/2″	1-3/4″	1.74″	1.38″	.27″	4.36″		—	—	U36RT (2) U32ART (2)	Green	22	1-3/4″
YA36L-2TC38	1			3/8″	1″	1.73″	1.38″	.27″	4.23″							
YA37-2L	1	650 kcmil	—	3/8″	1-1/8″	1.80″	1.39″	.27″	4.40″		—	—	U37RT (2)	Orange	23	1-15/16″
YA37-2LN	1			1/2″	1-3/4″	1.80″	1.39″	.27″	5.27″							

-- Color code not assigned.
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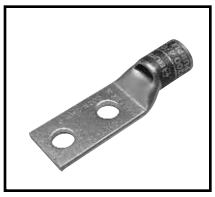
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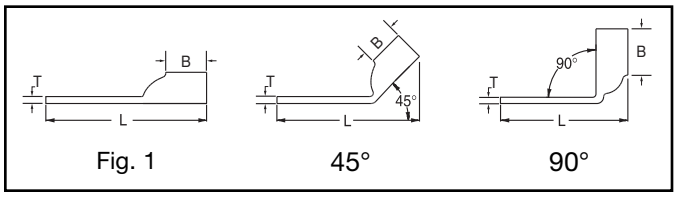


Fig. 1 45° 90°

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	(T)	(L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, 0UR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA38-2L	1	700 kcmil	—	3/8″	1-1/8″	1.84″	1.45″	.27″	4.48″	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	—	—	U38RT (2)	Pink	400	1-15/16″
YA38-2LN	1			1/2″	1-3/4″	1.81″	1.45″	.27″	5.35″							
YA38L-2TC12	1			1/2″	1-1/2″	1.81″	1.45″	.27″	4.67″							
YA38L-2TC38	1			3/8″	1″	1.81″	1.45″	.27″	4.35″							
YA39-2L	1	750 kcmil	—	3/8″	1-1/8″	1.91″	1.42″	.27″	4.48″	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	—	U39RT (2) P39RT (2) **	Black	24	1-15/16″
YA39-2LN	1			1/2″	1-3/4″	1.89″	1.42″	.27″	5.36″							
YA39L-2TC12E3	1			1/2″	1-1/2″	1.89″	1.42″	.27″	4.92″							
YA39L-2TC38	1			3/8″	1″	1.89″	1.42″	.27″	4.36″							
YA39L-2TC58	1			5/8″	1-1/2″	1.89″	1.42″	.27″	5.17″							
YA40-2L	1	800 kcmil	400	3/8″	1-1/8″	1.98″	1.42″	.30″	4.63″		—	—	P40RT (3) **	Orange	25	1-15/16″
YA40-2LN	1			1/2″	1-3/4″	1.89″	1.42″	.30″	5.51″							
YA40L-2TC38	1			3/8″	1″	1.95″	1.42″	.30″	4.51″							
YA41-2L	1	850 kcmil	—	3/8″	1-1/8″	2.01″	1.88″	.31″	4.97″		—	—	—	Gold	26	1-15/16″
YA44-2LN	1	1000 kcmil	500	1/2″	1-3/4″	2.17″	1.65″	.33″	5.74″		—	—	P44RT (3) **	White	27	1-15/16″
YA44-2L	1			1/2″	1-1/4″	2.19″	1.65″	.33″	5.24″							
YA44L-2TC12	1			1/2″	1-1/4″	2.17″	1.65″	.33″	5.05″							

-- Color code not assigned.
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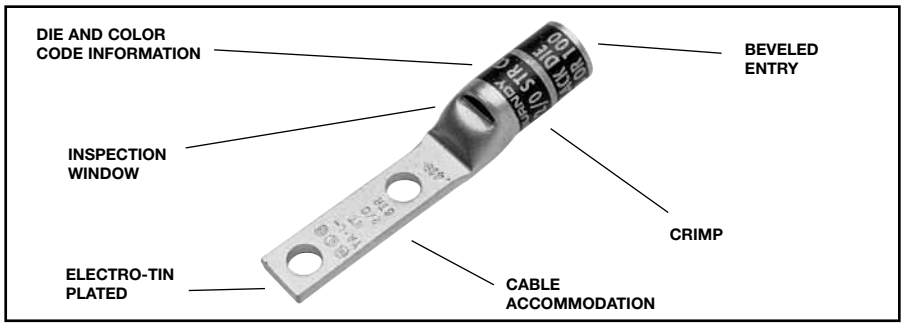
TWO HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL NARROW TONGUE

TYPES YA-L-2NT

COPPER COMPRESSION TERMINAL

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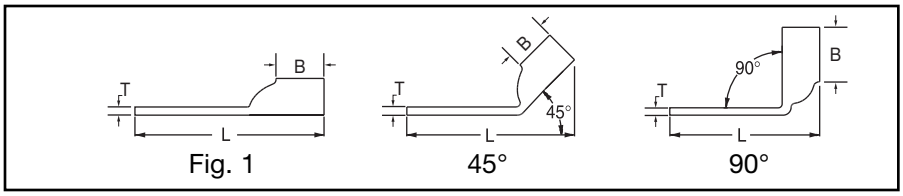


Fig. 1 45° 90°

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA2CL2NT14	1	#2 AWG	35	1/4″	5/8″	.48″	.88″	.11″	2.47″	MRC840 (1) MY29-3 (1) MY29-11 (1) Y644HS (1) Y1MRTC (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W2CVT (1)	W2CVT (1)	U2CRT (1)	Brown	10	15/16″
YA2CL2NT14E2	1			1/4″	3/4″	.48″	.88″	.11″	2.60″							
YA2CL2NT14E1	1			1/4″	1″	.48″	.88″	.11″	2.84″							
YA1CL2NT14	1	#1 AWG	50	1/4″	5/8″	.50″	.88″	.11″	2.55″	MRC840 (1) MY29-3 (1) MY29-11 (1) Y1MRTC (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W1CVT (1)	W1CRT (1)	U1CRT (1)	Green	11	15/16″
YA1CL2NT14E2	1			1/4″	3/4″	.50″	.88″	.10″	2.68″							
YA25L2NT14	1	1/0 AWG	—	1/4″	5/8″	.48″	.88″	.10″	2.56″	MRC840 (2) MY29-3 (1) MY29-11 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W25VT (2)	W25VT (2)	U25RT (1)	Pink	12	15/16″
YA25L2NT14E1	1			1/4″	1″	.48″	.88″	.12″	3.28″							
YA26L2NT14	1	2/0 AWG	70	1/4″	5/8″	.48″	.94″	.12″	2.66″	MRC840 (2) MY29-3 (1) MY29-11 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W26VT (2)	W26VT (2) X26RT (2)	U26RT (1)	Black	13	1″
YA26L2NT14E1	1		—	1/4″	1″	.48″	.94″	.12″	3.03″							

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.

*** The MM^2 conductor sizes listed are the recommendations for Class 2 conductor.

Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

TWO HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL NARROW TONGUE
(Continued)



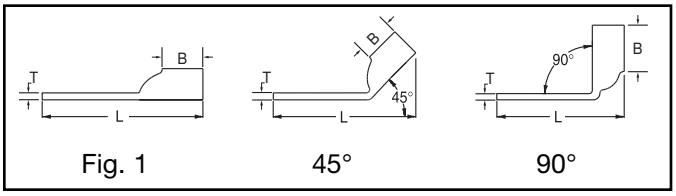


Fig. 1 45° 90°

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	(T)	(L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA27L2NT14	1	3/0 AWG	—	1/4″	5/8″	.76″	1.00″	.13″	2.73″	MY29-3 (1) MY29-11 (1) MRC840 (2) Y644HS (1) Y81KFT (1)	W27VT (2) W27RT (2) X27RT (3)	W27VT (2) W27RT (2) X27RT (3)	U27RT (1)	Orange	14	1-1/16″
YA27L2NT38	1			3/8″	1″	.60″	1.00″	.13″	3.30″							
YA27LENT516	1			5/16″	1″	.60″	1.00″	.13″	3.11″							
YA28L2NT14	1	4/0 AWG	—	1/4″	5/8″	.76″	.88″	.13″	2.65″	Y81KFTMBH (1) PAT81KFT-18V (1)	W27RT (2)	W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/16″
YA29L2NT38	1	250 kcmil	—	3/8″	1″	.80″	1.00″	.16″	3.43″	MY29-3 (1) MY29-11 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W29VT (2) X29RT (2)	W29VT (2) W29RT (2) X29RT (2)	U29RT (1)	Yellow	16	1-1/8″
YA29L2NT38E16	1			3/8″	1-3/4″	.80″	1.06″	.16″	4.18″							
YA31L2NT38	1	350 kcmil	185	3/8″	1″	.96″	1.06″	.18″	3.51″	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W31VT (2)	W31VT (2) W31RT (2)	U31RT (2) U29ART (2)	Red	18	1-1/8″
YA31L2NT38E16	1			3/8″	1-3/4″	.88″	1.06″	.18″	4.26″							
YA34L2NT38	1	500 kcmil	240	3/8″	1″	.96″	1.27″	.23″	3.65″		W34VT (4)	W34VT (4)	U34RT (2)	Brown	20 or 22	1-7/16″
YA34L2NT38E16	1			3/8″	1-3/4″	.96″	1.27″	.23″	4.63″							
YA34L2NTE1	1			1/2″	1″	.96″	1.27″	.23″	4.13″							
YA36L2NNT	1	600 kcmil	300	1/2″	1-3/4″	1.12″	1.38″	.27″	5.43″		—	—	U36RT (2)	Green	472	1-3/4″
YA39L2NT38	1	750 kcmil	—	3/8″	1″	1.63″	1.42″	.27″	4.34″		—	—	U39RT (2)	Black	24	1-1/2″
YA39L2NT38E16	1			3/8″	1-3/4″	1.30″	1.42″	.27″	5.11″							
YA39L2NT12E1	1			1/2″	1″	1.30″	1.42″	.27″	4.42″							

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.

*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.

Note: All dimensions shown are for reference only.

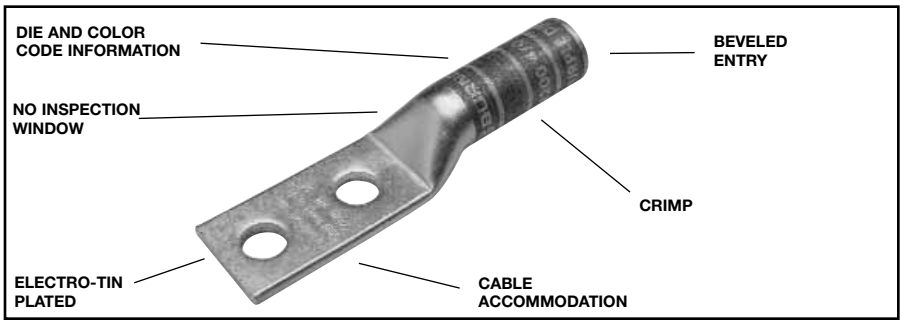
Blue highlighted items are industry standard and most frequently ordered.

TWO HOLE HYLUG™ CODE CONDUCTOR LONG BARREL

TYPES YA-2N, YA-2TC, YA-4N

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



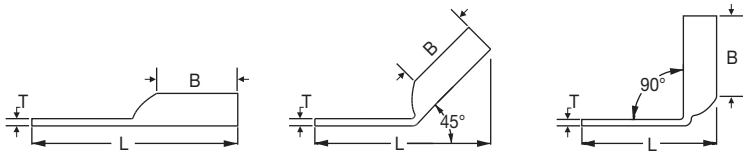


Fig. 1 45° 90°

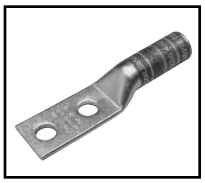
Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	(T)	(L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA8C2TC14	1	#8 Str. #6 Sol. 37/24	† 10	1/4″	5/8″	.40″	.81″	.08″	2.33″	Y8MRB-1 (2) MY29-3 (2) MY29-11 (2) MRC840 (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W8CVT (2) W8CRT (2) X8CRT (2)	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (1)	Red	49	1″
YA8C2TC14E2	1			1/4″	3/4″	.41″	.81″	.08″	2.45″							
YA8C2TC38	1			3/8″	1″	.73″	.81″	.06″	2.89″							
YA6C2N	1	#6 AWG	—	1/2″	1-3/4″	.81″	1.12″	.12″	4.40″	Y1MRTC (2) MY29-3 (2) MY29-11 (2) MRC840 (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	U5CRT (2) U8CABT (2)	Blue	7	1-3/16″
YA6C2TC14	1			1/4″	5/8″	.45″	1.12″	.08″	2.65″							
YA6C2TC14E1	1			1/4″	1″	.45″	1.12″	.08″	3.03″							
YA6C2TC14E2	1			1/4″	3/4″	.45″	1.12″	.08″	2.78″							
YA6C2TC38	1			3/8″	1″	.63″	1.12″	.06″	3.22″							
YA6C2TC38E2	1			3/8″	3/4″	.63″	1.12″	.06″	2.97″							
YA6C2TC38E6	1			3/8″	7/8″	.63″	1.12″	.06″	3.09″							
YA5C2N	1	#5 AWG	—	1/2″	1-3/4″	.83″	1.12″	.12″	4.43″	MY29-3 (2) MY29-1 (2) MRC840 (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W5CRT (2) W5CVT (2) X5CRT (2)	X5CRT (2) X5CVT (2) W5CRT (2)	U5CRT (2)	Blue	7	1-3/16″
YA4C2N	1	#4 AWG	—	1/2″	1-3/4″	.81″	1.12″	.12″	4.45″	Y1MRTC (4) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	Gray	8	1-3/16″
YA4C2TC14	1			1/4″	5/8″	.50″	1.12″	.09″	2.70″							
YA4C2TC14E2	1			1/4″	3/4″	.50″	1.12″	.09″	2.83″							
YA4C2TC38	1			3/8″	1″	.56″	1.12″	.08″	3.26″							
YA3C2N	1	#3 Str. #3 AWG #2 Sol.	25	1/2″	1-3/4″	.81″	1.25″	.12″	4.62″		W3CRT (2)	W3CRT (2)	U3CRT (2)	White	9	1-5/16″
YA3C2TC14	1			1/4″	5/8″	.55″	1.25″	.09″	2.87″							
YA3C2TC14E2	1			1/4″	3/4″	.55″	1.25″	.09″	2.99″							
YA3C2TC38	1			3/8″	1″	.58″	1.25″	.08″	3.43″							
YA3C2TC38E2	1			3/8″	3/4″	.58″	1.25″	.08″	3.18″							

▲ See tooling section of this catalog for complete tool and die listings.
* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™.
** P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adapter not required.
*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
† The MM² conductor size listed here is for Class 2 and Class 5 conductor.
Available undrilled. Add suffix U to catalog number (example: YA25U).
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

TWO HOLE HYLUG™ CODE CONDUCTOR LONG BARREL
(Continued)

UL Listed 90° C,
600 Volts to 35 kV ◆



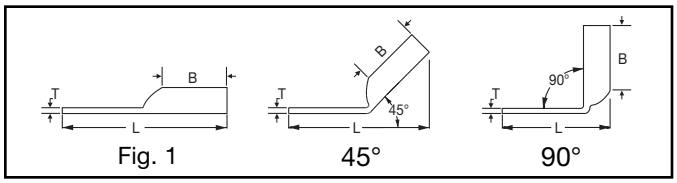


Fig. 1 45° 90°

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175

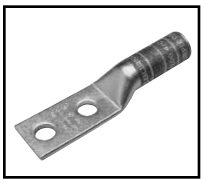
Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA2C2N	1	#2 AWG	35	1/2″	1-3/4″	.81″	1.25″	.12″	4.64″	Y1MRTC (4) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	1-5/16″
YA2C2TC14	1			1/4″	5/8″	.60″	1.25″	.11″	2.86″							
YA2C2TC14E2	1			1/4″	3/4″	.60″	1.25″	.11″	2.98″							
YA2C2TC38E2	1			3/8″	3/4″	.60″	1.25″	.11″	3.17″							
YA2C2TC516E2	1			5/16″	3/4″	.60″	1.25″	.11″	3.05″							
YA2C2NTC38	1			3/8″	1-3/4″	.60″	1.25″	.11″	4.17″							
YA2C2TC38	1			3/8″	1″	.60″	1.25″	.11″	3.42″							
YA2C2TC38E6	1			3/8″	7/8″	.60″	1.25″	.11″	3.30″							
YA2C2TC516E2	1			5/16″	3/4″	.60″	1.25″	.11″	3.05″							
YA1C2N	1	#1 AWG	50	1/2″	1-3/4″	.81″	1.38″	.12″	4.82″	Y1MRTC (4) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	U1CRT-1 (2) U4CABT (2)	Green	11	1-1/2″
YA1C2TC14	1			1/4″	5/8″	.68″	1.38″	.10″	3.03″							
YA1C2TC14E2	1			1/4″	3/4″	.75″	1.38″	.10″	3.15″							
YA1C2TC38	1			3/8″	1″	.68″	1.38″	.10″	3.59″							
YA252N	1	1/0 AWG	—	1/2″	1-3/4″	.81″	1.38″	.11″	4.81″	MY29-3 (2) MY29-11 (2) MRC840 (4) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W25VT (4) W25RT (4) X25RT (4)	W25VT (4) W25RT (4) X25RT (4)	U25RT (2) U2CABT (2)	Pink	12	1-7/16″
YA252TC14	1			1/4″	5/8″	.75″	1.38″	.12″	3.05″							
YA252TC14E2	1			1/4″	3/4″	.75″	1.38″	.12″	3.18″							
YA252TC38	1			3/8″	1″	.75″	1.38″	.12″	3.62″							
YA252TC516	1			5/16″	1″	.75″	1.38″	.12″	3.49″							
YA252NTC38	1			3/8″	1-3/4″	.75″	1.38″	.12″	4.37″							
YA262N	1	2/0 AWG	70	1/2″	1-3/4″	.83″	1.50″	.12″	4.97″		W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13	1-9/16″
YA262TC14	1			1/4″	5/8″	.83″	1.50″	.12″	3.22″							
YA262TC14E2	1			1/4″	3/4″	.83″	1.50″	.12″	3.34″							
YA262TC38	1			3/8″	1″	.83″	1.50″	.12″	3.78″							
YA272N	1	3/0 AWG	—	1/2″	1-3/4″	.91″	1.50″	.13″	5.01″	Y81KFTMBH (2) PAT81KFT-18V (2)	W27VT (4) W27RT (4) X27RT (6)	W27VT (4) W27RT (4) X27RT (6)	U27RT (2)	Orange	14	1-9/16″
YA272TC14E2	1			1/4″	3/4″	.91″	1.50″	.12″	3.38″							
YA272TC38	1			3/8″	1″	.90″	1.50″	.12″	3.82″							
YA282N	1	4/0 AWG	—	1/2″	1-3/4″	1.02″	1.62″	.14″	5.17″		W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15	1-11/16″
YA282TC38	1			3/8″	1″	1.02″	1.62″	.14″	3.99″							
YA282TC14E2	1			1/4″	3/4″	1.02″	1.62″	.14″	3.55″							
YA282NTC38	1			3/8″	1-3/4″	1.02″	1.62″	.14″	4.74″							
YA292N	1	250 kcmil	—	1/2″	1-3/4″	1.11″	1.62″	.16″	5.21″	MY29-3 (2) MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W29VT (4) X29RT (8)	W29VT (4) W29RT (4) X29RT (8)	U29RT (2)	Yellow	16	1-11/16″
YA292TC38	1			3/8″	1″	1.10″	1.62″	.16″	4.02″							

▲ See tooling section of this catalog for complete tool and die listings.
* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™.
** P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adapter not required.
*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
Available undrilled. Add suffix U to catalog number (example: YA25U).
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

TWO HOLE HYLUG™ CODE CONDUCTOR LONG BARREL
(Continued)

UL Listed 90° C,
600 Volts to 35 kV ◆



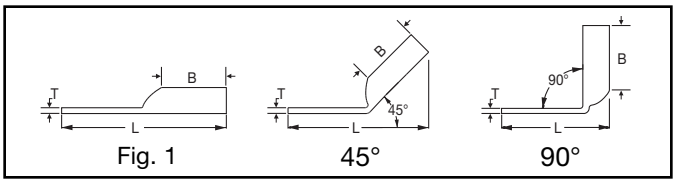


Fig. 1 45° 90°

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	(T)	(L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA302TC38	1	300 kcmil	150	3/8″	1″	1.20″	2.00″	.16″	4.45″	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	W30VT (4)	W30VT (4) W30RT (4)	U30RT (4) U28ART (4)	White	17	2″
YA302N	1			1/2″	1-3/4″	1.20″	2.00″	.16″	5.64″							
YA312N	1	350 kcmil	185	1/2″	1-3/4″	1.29″	2.00″	.18″	5.68″		W31VT (4)	W31VT (4) W31RT (4)	U31RT (4) U29ART (4)	Red	18	2-1/16″
YA312TC14E2	1			1/4″	3/4″	1.29″	2.00″	.18″	4.05″							
YA312TC38	1			3/8″	1″	1.29″	2.00″	.18″	4.49″							
YA322N	1	400 kcmil	—	1/2″	1-3/4″	1.38″	2.12″	.19″	5.85″		W32VT (4)	W32VT (4) W32RT (4)	U32RT (4) U30ART (4)	Blue	19	2-3/16″
YA322TC38	1			3/8″	1″	1.38″	2.12″	.19″	4.66″							
YA332N	1	450 kcmil	—	1/2″	1-3/4″	1.48″	2.12″	.21″	5.93″	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	W33VT (4)	W33VT (4) W33RT (4)	U33RT	Gray	326 or 538	2-3/16″
YA342N	1	500 kcmil	240	1/2″	1-3/4″	1.55″	2.25″	.23″	6.06″		W34VT (4)	W34VT (4) W34RT (4)	U34RT (4) U31ART (4)	Brown	20	2-1/2″
YA342TC14E2	1			1/4″	3/4″	1.55″	2.25″	.23″	4.46″							
YA342TC38	1			3/8″	1″	1.55″	2.25″	.23″	4.90″							
YA352N	1	550 kcmil	—	1/2″	1-3/4″	1.65″	2.63″	.25″	6.49″		—	—	U35RT (4)	Yellow	21	2-11/16″
YA362N	1	600 kcmil	300	1/2″	1-3/4″	1.74″	2.69″	.27″	6.59″		—	—	U36RT (4) U32ART (4)	Green	22	2-3/4″
YA362TC38	1			3/8″	1″	1.74″	2.69″	.26″	5.59″							
YA372N	1	650 kcmil	—	1/2″	1-3/4″	1.80″	2.81″	.27″	6.74″		—	—	U37RT (4)	Orange	23	2-7/8″
YA382N	1	700 kcmil	—	1/2″	1-3/4″	1.84″	2.81″	.27″	6.77″		—	—	U38RT (4)	Pink	400	2-7/8″
YA382TC38	1			3/8″	1″	1.84″	2.81″	.27″	5.76″							
YA392N	1	750 kcmil	—	1/2″	1-3/4″	1.91″	2.88″	.27″	6.87″		—	—	U39RT (4) P39RT (4) **	Black	24	2-3/4″
YA392NT38	1			3/8″	1″	1.63″	2.88″	.27″	5.87″							
YA392TC38	1			3/8″	1″	1.91″	2.88″	.27″	5.87″							
YA402N	1	800 kcmil	400	1/2″	1-3/4″	1.95″	2.94″	.30″	6.95		—	—	P40RT (4) **	Orange	25	3″
YA412N	1	850 kcmil	—	1/2″	1-3/4″	2.01″	2.94″	.31″	6.96″		—	—	—	Gold	26	3″
YA442N	1	1000 kcmil	500	1/2″	1-3/4″	2.17″	3.00″	.33″	7.14″		—	—	P44RT (4) **	White	27	3-1/16″
YA442TC38	1			3/8″	1″	2.19″	3.00″	.33″	6.14″							
YA452N	1	1250 kcmil	—	1/2″	1-3/4″	2.46″	3.19″	.38″	7.44″		—	—	P45RT (6) **	Yellow	29	3-1/4″
YA4532N	1	1300 kcmil	—	1/2″	1-3/4″	2.53″	3.19″	.39″	7.48″		—	—	—	Orange	30	3-1/4″
YA462N	1	1500 kcmil	—	1/2″	1-3/4″	2.67″	3.19″	.40″	7.55″		—	—	P46RT (6) **	Green	31	3-1/4″
YA472N	1	1750 kcmil	—	1/2″	1-3/4″	2.90″	3.44″	.42″	7.89″		—	—	—	Gray	33	3-1/2″
YA482N	1	2000 kcmil	—	1/2″	1-3/4″	3.10″	3.44″	.46″	7.98″		—	—	—	Brown	34	3-1/2″

▲ See tooling section of this catalog for complete tool and die listings.
* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™.
** P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adapter not required.
*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
Available undrilled. Add suffix U to catalog number (example: YA25U).
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

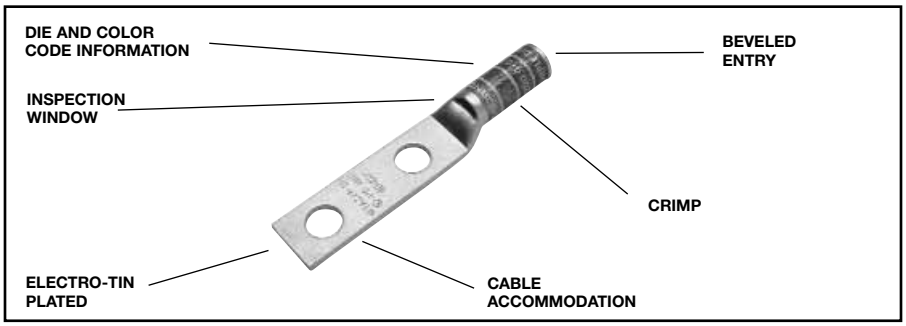
TWO HOLE HYLUG™ CODE CONDUCTOR LONG BARREL WITH INSPECTION WINDOW

TYPES YAZ-2N, YAZ-2TC

COPPER COMPRESSION TERMINAL

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



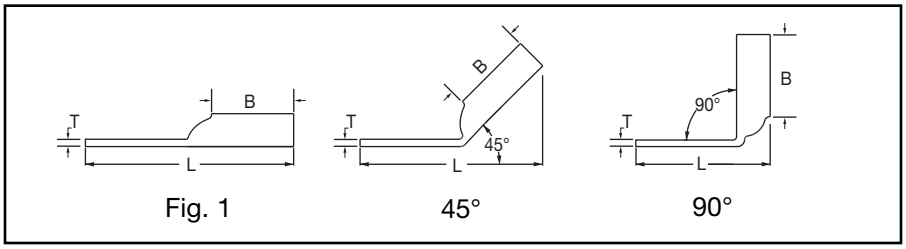


Fig. 1 45° 90°

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	(T)	(L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, 0UR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAZV10-2TC14	1	14-10 AWG	6	1/4″	5/8″	.41″	.69″	.05″	2.16″	Y8MRB-1 (2)	—	—	—	—	—	3/4″
YAZV10-2TC14E2	1			1/4″	3/4″	.41″	.69″	.05″	2.28″							
YAZ8C-2TC10	1	#8 Str #6 Sol 37/24	† 10	#10	5/8″	.41″	.75″	.08″	2.20″	Y1MRTC (2) Y8MRB-1 (2) MY29-3 (2) MY29-11 (2) MRC840 (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W8CVT (2) W8CRT (2) X8CRT (2)	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (2)	Red	49	7/8″
YAZ8C-2TC10E2	1			#10	3/4″	.41″	.75″	.08″	2.33″							
YAZ8C-2TC14	1			1/4″	5/8″	.44″	.75″	.08″	2.33″							
YAZ8C-2TC14E2	1			1/4″	3/4″	.44″	.75″	.08″	2.45″							
YAZ8C-2TC14E1	1			1/4″	1″	.44″	.75″	.08″	2.70″							
YAZ8C-2TC38	1			3/8″	1″	.58″	.75″	.06″	2.89″							
YAZ6C-2N	1	#6 AWG	—	1/2″	1-3/4″	.83″	1.12″	.12″	4.40″	MY29-3 (2) MY29-11 (2) MRC840 (2) Y644HS (1) Y1MRTC (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	W5CVT (2) X5CRT (2) X5CRT (2) X8CART (2)	U5CRT (2) U8CABT (2)	Blue	7 or 374	1-1/16″
YAZ6C-2TC10E2	1			#10	3/4″	.42″	1.12″	.09″	2.65″							
YAZ6C-2TC14	1	#6 AWG	—	1/4″	5/8″	.45″	1.12″	.08″	2.65″	Y1MRTC (2) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644HS (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	W5CVT (2) X5CRT (2) X5CRT (2) X8CART (2)	U5CRT (2) U8CABT (2)	Blue	7 or 374	1-1/6″
YAZ6C-2TC14E2	1			1/4″	3/4″	.45″	1.12″	.08″	2.78″							
YAZ6C-2TC14E1	1			1/4″	1″	.45″	1.12″	.08″	3.03″							
YAZ6C-2TC38E2	1			3/8″	3/4″	.58″	1.12″	.06″	2.97″							
YAZ6C-2TC38E6	1			3/8″	7/8″	.58″	1.12″	.06″	3.09″							
YAZ6C-2TC38	1			3/8″	1″	.58″	1.12″	.06″	3.22″							
YAZ5C-2N	1	#5 AWG	—	1/2″	1-3/4″	.83″	1.12″	.12″	4.43″		W5CRT (2) W5CVT (2) X5CRT (2)	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	Blue	7 or 374	1/16″

▲ See tooling section of this catalog for complete tool and die listings.
* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™.
** P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adapter not required.
*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
† The MM² conductor size referred to here is for Class 2 and Class 5 conductor.
Available undrilled. Add suffix U to catalog number (example: YA25U).
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

TWO HOLE HYLUG™ CODE CONDUCTOR LONG BARREL WITH INSPECTION WINDOW (Continued)



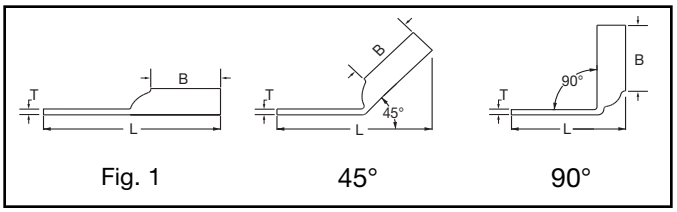


Fig. 1 45° 90°

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	(T)	(L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAZ4C-2N	1	#4 AWG	—	1/2″	1-3/4″	.83″	1.12″	.12″	4.42″	Y1MRTC (4) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644HS (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	Gray	8 or 346	1-1/16″
YAZ4C-2TC10-E2	1			#10	3/4″	.49″	1.12″	.09″	2.67″							
YAZ4C-2TC14	1			1/4″	5/8″	.49″	1.12″	.09″	2.67″							
YAZ4C-2TC14E2	1			1/4″	3/4″	.49″	1.12″	.09″	2.80″							
YAZ4C-2TC38	1			3/8″	1″	.58″	1.12″	.08″	3.01″							
YAZ3C-2N	1	#3 AWG #2 Sol	25	1/2″	1-3/4″	.83″	1.25″	.12″	4.58″	Y1MRTC (4) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644HS (2) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W3CRT (2)	W3CRT (2)	U3CRT (2)	White	9	1-5/16″
YAZ3C-2TC14	1			1/4″	5/8″	.55″	1.25″	.09″	2.83″							
YAZ3C-2TC14E2	1			1/4″	3/4″	.55″	1.25″	.09″	2.95″							
YAZ3C-2TC38E2	1			3/8″	3/4″	.58″	1.25″	.08″	3.14″							
YAZ3C-2TC38	1	#3 AWG #2 Sol	25	3/8″	1″	.58″	1.25″	.08″	3.39″		W3CRT (2)	W3CRT (2)	U3CRT (2)	White	9	1-5/16″
YAZ2C-2N	1	#2 AWG	35	1/2″	1-3/4″	.83″	1.25″	.12″	4.60″	Y1MRTC (4) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PATKFT-18V (2)	W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	1-5/16″
YAZ2C-2TC10E2	1			#10	3/4″	.60″	1.25″	.11″	2.85″							
YAZ2C-2TC14	1			1/4″	5/8″	.60″	1.25″	.11″	2.85″							
YAZ2C-2TC14E2	1			1/4″	3/4″	.60″	1.25″	.11″	2.97″							
YAZ2C-2TC14E1	1			1/4″	1″	.60″	1.25″	.11″	3.22″							
YAZ2C-2TC516E2	1			5/16″	3/4″	.60″	1.25″	.11″	3.03″							
YAZ2C-2TC38E2	1			3/8″	3/4″	.60″	1.25″	.11″	3.16″							
YAZ2C-2TC38E6	1			3/8″	7/8″	.60″	1.25″	.11″	3.28″							
YAZ2C-2TC38	1			3/8″	1″	.60″	1.25″	.11″	3.41″							
YAZ2C-2NTC38	1			3/8″	1-3/4″	.60″	1.25″	.11″	4.16″							
YAZ1C-2N	1	#1 AWG	50	1/2″	1-3/4″	.83″	1.38″	.12″	4.76″		W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	U1CRT-1 (2) U4CABT (2)	Green	11 or 375	1-7/16″
YAZ1C-2TC14	1			1/4″	5/8″	.67″	1.38″	.10″	3.01″							
YAZ1C-2TC14E2	1			1/4″	3/4″	.67″	1.38″	.10″	3.13″							
YAZ1C-2TC38	1			3/8″	1″	.67″	1.38″	.10″	3.57″							
YAZ25-2N	1	1/0 AWG	—	1/2″	1-3/4″	.83″	1.38″	.11″	4.79″	MY29-3 (2) MY29-11 (2) MRC840 (4) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W25RT (4) W25VT (4) X25RT (4)	W25VT (4) W25RT (4) W25RT (4)	U25RT (2) U2CABT (2)	Pink	12 or 348	1-7/16″
YAZ25-2TC14	1			1/4″	5/8″	.75″	1.38″	.12″	3.04″							
YAZ25-2TC14E2	1			1/4″	3/4″	.75″	1.38″	.12″	3.16″							
YAZ25-2TC14E1	1			1/4″	1″	.75″	1.38″	.12″	3.41″							
YAZ25-2TC516E6	1			5/16″	7/8″	.75″	1.38″	.12″	3.35″							
YAZ25-2TC516	1			5/16″	1″	.75″	1.38″	.12″	3.47″							
YAZ25-2TC38	1			3/8″	1″	.75″	1.38″	.12″	3.60″							
YAZ25-2NTC38	1			3/8″	1-3/4″	.75″	1.38″	.12″	4.35″							

▲ See tooling section of this catalog for complete tool and die listings.
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*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
Available undrilled. Add suffix U to catalog number (example: YA25U).

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

TWO HOLE HYLUG™ CODE CONDUCTOR LONG BARREL WITH INSPECTION WINDOW
(Continued)



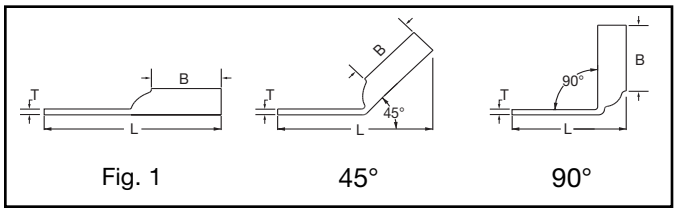


Fig. 1 45° 90°

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAZ26-2N	1	2/0 AWG	70	1/2″	1-3/4″	.83″	1.50″	.12″	4.95″	MY29-3 (2) MY29-11 (2) MRC840 (4) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13	1-9/16″
YAZ26-2TC14	1			1/4″	5/8″	.83″	1.50″	.12″	3.20″							
YAZ26-2TC14E2	1			1/4″	3/4″	.83″	1.50″	.12″	3.32″							
YAZ26-2TC38	1			3/8″	1″	.83″	1.50″	.12″	3.76″							
YAZ27-2N	1	3/0 AWG	—	1/2″	1-3/4″	.91″	1.50″	.13″	4.98″		W27VT (4) W27RT (4) X27RT (6)	W27VT (4) W27RT (4) X27RT (6)	U27RT (2)	Orange	14	1-9/16″
YAZ27-2TC14E2	1			1/4″	3/4″	.90″	1.50″	.12″	3.36″							
YAZ27-2TC38	1			3/8″	1″	.90″	1.50″	.12″	3.80″							
YAZ28-2N	1	4/0 AWG	—	1/2″	1-3/4″	1.02″	1.62″	.14″	5.15″		W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15	1-11/16″
YAZ28-2TC14E2	1			1/4″	3/4″	1.02″	1.62″	.14″	3.55″							
YAZ28-2TC38	1			3/8″	1″	1.02″	1.62″	.14″	3.99″							
YAZ28-2NTC38	1			3/8″	1-3/4″	1.02″	1.62″	.14″	4.74″							
YAZ29-2N	1	250 kcmil	—	1/2″	1-3/4″	1.10″	1.62″	.16″	5.18″	MY29-3 (2) MY29-11(2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W29VT (4) X29RT (8)	X29RT (8) W29VT (4) W29RT (4)	U29RT (2)	Yellow	16	1-11/16″
YAZ29-2TC38	1			3/8″	1″	1.10″	1.62″	.14″	3.99″							
YAZ30-2N	1	300 kcmil	150	1/2″	1-3/4″	1.20″	2.00″	.16″	5.60″	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	W30VT (4)	W30VT (4) W30RT (4)	U30RT (4) U28ART (4)	White	17 or 298	2-1/16″
YAZ30-2TC38	1			3/8″	1″	1.20″	2.00″	.16″	4.42″							
YAZ31-2N	1	350 kcmil	185	1/2″	1-3/4″	1.29″	2.00″	.18″	5.64″		W31VT (4)	W31VT (4) W31RT (4)	U31RT (4) U29ART (4)	Red	18 or 324	2-1/16″
YAZ31-2TC14E2	1			1/4″	3/4″	1.29″	2.00″	.18″	4.02″							
YAZ31-2TC38	1			3/8″	1″	1.29″	2.00″	.18″	4.45″							
YAZ32-2N	1	400 kcmil	—	1/2″	1-3/4″	1.40″	2.12″	.19″	5.81″		W32VT (4)	W32VT (4) W32RT (4)	U32RT (4) U30ART (4)	Blue	19 or 470	2-1/16″
YAZ32-2TC38	1			3/8″	1″	1.40″	2.12″	.19″	4.62″							
YAZ33-2N	1	450 kcmil	—	1/2″	1-3/4″	1.48″	2.13″	.21″	5.89″	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	W33VT (4)	W33VT (4) W33RT (4)	U33RT (4)	Gray	326 or 538	2-5/16″
YAZ34-2N	1	500 kcmil	240	1/2″	1-3/4″	1.55″	2.25″	.23″	6.04″		W34VT (4)	W34VT (4) W34RT (4)	U34RT (4) U31ART (4)	Brown	20 or 299	2-5/16″
YAZ34-2TC14E2	1			1/4″	3/4″	1.55″	2.25″	.23″	4.42″							
YAZ34-2TC38	1			3/8″	1″	1.55″	2.25″	.23″	4.85″							
YAZ35-2N	1	550 kcmil	—	1/2″	1-3/4″	1.65″	2.63″	.25″	6.45″		—	—	U35RT (4)	Yellow	21	2-11/16″
YAZ36-2N	1	600 kcmil	300	1/2″	1-3/4″	1.74″	2.69″	.27″	6.55″		—	—	U36RT (4) U32ART (4)	Green	22 or 472	2-3/4″
YAZ36-2TC38	1			3/8″	1″	1.74″	2.69″	.26″	5.55″							
YAZ37-2N	1	650 kcmil	—	1/2″	1-3/4″	1.80″	2.81″	.27″	6.70″		—	—	U37RT (4)	Orange	23	2-7/8″
YAZ38-2N	1	700 kcmil	—	1/2″	1-3/4″	1.84″	2.81″	.27″	6.72″		—	—	U38RT (4)	Pink	400	2-7/8″

▲ See tooling section of this catalog for complete tool and die listings.
* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™.
** P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adapter not required.

*** The MM^2 conductor sizes listed are the recommendations for Class 2 conductor.
Available undrilled. Add suffix U to catalog number (example: YA25U).

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

TWO HOLE HYLUG™ CODE CONDUCTOR LONG BARREL WITH INSPECTION WINDOW (Continued)



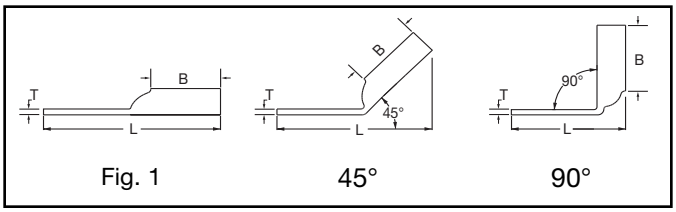


Fig. 1 45° 90°

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
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Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	(T)	(L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAZ39-2N	1	750 kcmil	—	1/2″	1-3/4″	1.91″	2.88″	.27″	6.82″	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	—	—	U39RT (4) P39RT (4) **	Black	24	2-15/16″
YAZ39-2NT38	1			3/8″	1″	1.63″	2.88″	.27″	5.82″							
YAZ39-2TC38	1			3/8″	1″	1.91″	2.88″	.27″	5.82″							
YAZ39-2NNT	1			1/2″	1-3/4″	1.63″	2.88″	.27″	6.82″							
YAZ40-2N	1	800 kcmil	400	1/2″	1-3/4″	1.98″	2.94″	.30″	6.89″		—	—	P40RT (4) **	Orange	25	3″
YAZ41-2N	1	850 kcmil	—	1/2″	1-3/4″	2.01″	2.94″	.31″	6.91″		—	—	—	Gold		3″
YAZ44-2N	1	1000 kcmil	500	1/2″	1-3/4″	2.19″	3.00″	.33″	7.08″		—	—	P44RT (4) **	White	27	3-1/16″
YAZ44-2TC38	1			3/8″	1″	2.19″	3.00″	.33″	6.09″							
YAZ45-2N	1	1250 kcmil	—	1/2″	1-3/4″	2.46″	3.19″	.38″	7.38″		—	—	P45RT (6) **	Yellow	29	3-1/4″
YAZ453-2N	1	1300 kcmil	—	1/2″	1-3/4″	2.53″	3.19″	.39″	7.41″		—	—	—	Orange	30	2-1/16″
YAZ46-2N	1	1500 kcmil	—	1/2″	1-3/4″	2.69″	3.19″	.40″	7.48″		—	—	P46RT (6) **	Green	31	3-5/16″
YAZ47-2N	1	1750 kcmil	—	1/2″	1-3/4″	2.90″	3.44″	.42″	7.82″		—	—	—	Gray	33	3-1/2″
YAZ48-2N	1	2000 kcmil	—	1/2″	1-3/4″	3.10″	3.44″	.46″	7.89″		—	—	—	Brown	34	3-1/2″

▲ See tooling section of this catalog for complete tool and die listings.
* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™.
** P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adapter not required.

*** The MM^2 conductor sizes listed are the recommendations for Class 2 conductor.
Available undrilled. Add suffix U to catalog number (example: YA25U).

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

FOUR HOLE HYLUG™ CODE CONDUCTOR

TYPE YA

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YA-4N



YAB-4N

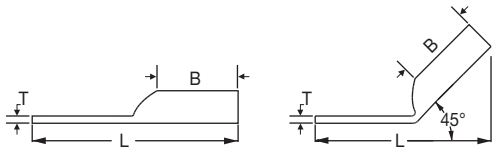


Fig. 1 45° 90°

Catalog Number	Fig.#	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Tongue Angle	Installation Tooling B	T	L	Hydraulic (Y35, Y39, Y750, Y46*) * **	Color Code	Die Index	Wire Strip Length
YA444N	1	1000 kcmil	500	1/2″	1.75″	3″	Straight	3.00″	.23″	7.14″	P44RT	White	27	3-1/16″
YA454N	1	1250 kcmil	—	1/2″	1.75″	3″	Straight	3.19″	.30″	7.44″	P45RT	Yellow	29	3-1/4″
YA464N	1	1500 kcmil	—	1/2″	1.75″	3″	Straight	3.19″	.34″	7.55″	P46RT	Green	31	3-1/4″
YA47N	1	1750 kcmil	—	1/2″	1.75″	3.10″	Straight	3.44″	.39″	7.89″	‡L47RT	Gray	33	3-1/2″
YA484N	1	2000 kcmil	—	1/2″	1.75″	3.06″	Straight	3.44″	.46″	7.98″	‡L48RT	Brown	34	3-1/2″
YA4864N	1	2500 kcmil	—	1/2″	1.75″	3.46″	Straight	4.69″	.52″	9.38″	‡L486RT	—	—	4-3/4″
YAB344N	1	500 kcmil	—	1/2″	1.75″	3.00″	Straight	2.25″	.25″	6.33″	U36RT	Green	22	2-1/2″
YAB394N	1	750 kcmil	—	1/2″	1.75″	3.00″	Straight	2.88″	.25″	7.15″	U39RT	Black	24	2-15/16″

Available undrilled. Add suffix U to catalog number (example YA444NU).

* Use PUADP-1 adaptor with U dies in Y46 HYPRESS™.

** P dies for use with Y46 HYPRESS™ only. PUADP-1 adapter not required.

*** The MM² conductor sizes listed are for Class 2 conductor. For applications greater than 2000 Volts, consult cable manufacturer for voltage stress relief instructions.

‡ Requires Y60BHU HYPRESS™

Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

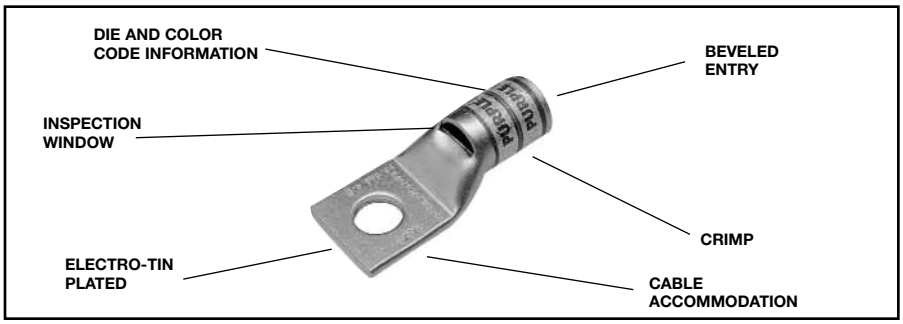
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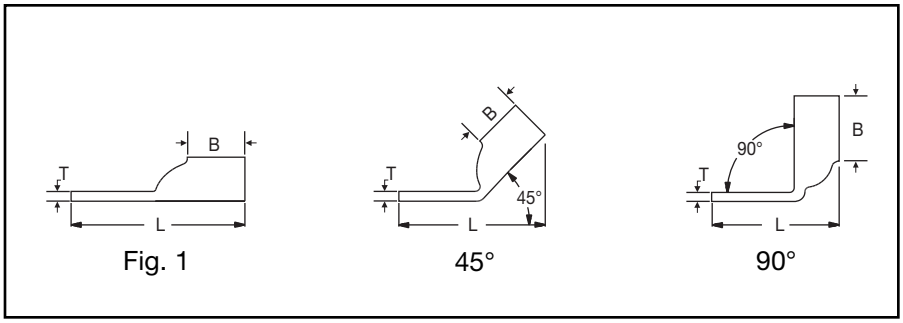
TYPES YA-L, YA-L-FX, YAV, YAV-L-FX

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Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	(T)	(L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA8CL-BOX	1	37/24 #8 Weld #8 AWG	** 10	8-10	.41″	.44″	.08″	1.16″	Y1MRTC (1) Y8MRB-(1) MY29-11 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W8CVT (1) W8CRT (1) X8CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	U8CRT (1)	Red	49	7/16″
YA8C-L1-BOX	1			1/4″	.44″	.44″	.08″	1.26″							
YA8C-L2-BOX	1			5/16″	.52″	.44″	.08″	1.38″							
YA8C-L3-BOX	1			3/8″	.58″	.44″	.08″	1.51″							
YA8C-L4-BOX	1			1/2″	.71″	.44″	.08″	1.76″							
YAV6CL-TC10-FX	1	61/24 #6 Weld #6 AWG	** 16	8-10	.48″	.50″	.08″	1.30″	Y1MRTC (1) MY29-11 (1) Y81KFT (1) Y81KFTMBH (1)	W5CVT (1) W5CRT (1) X5CRT (1)	W5CVT (1) W5CRT (1) X5CRT (1)	U5CRT (1)	Blue	7	1/2″
YAV6CL-TC12-FX	1			1/2″	.75″	.50″	.12″	1.86″							
YAV6CL-TC14-FX	1			1/4″	.48″	.50″	.08″	1.43″							
YAV6CL-TC38-FX	1			3/8″	.60″	.50″	.06″	1.61″							
YAV6CL-TC516-FX	1			5/16″	.60″	.50″	0.07″	1.49″							
YAV6CL-TC34-FX	1	61/24 #6 Weld #6 AWG	** 16	3/4″	1.05″	.50″	.13″	2.30″	MY29-11 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W5CVT (1)	X5CRT (1)	U5CRT (1)	Blue	7	1/2″
YAV4CL-TC10-FX	1	91/24 105/24 #4 Weld #4 AWG	—	10-8	.55″	.50″	.09″	1.32″	Y1MRTC (2) MY29-11 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W4CVT (1) W4CRT (1) X4CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	U4CRT (1)	Gray	8	1/2″
YAV4CL-TC12-FX	1			1/2″	.71″	.50″	.07″	1.92″							
YAV4CL-TC14-FX	1			1/4″	.55″	.50″	.09″	1.44″							
YAV4CL-TC38-FX	1			3/8″	.58″	.50″	.08″	1.67″							
YAV4CL-TC516-FX	1			5/16″	.55″	.50″	.09″	1.51″							
YAV2CL-TC10-FX	1	125/24 150/24 #2 Weld #2 AWG	35	# 10	.68″	.63″	.10″	1.50″		W2CVT (1) W2CRT (1) X2CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	U2CRT (1)	Brown	10	11/16″
YAV2CL-TC12-FX	1			1/2″	.77″	.63″	0.09	2.12″							
YAV2CL-TC14-FX	1			1/4″	.68″	.63″	.10″	1.62″							
YAV2CL-TC38-FX	1			3/8″	.68″	.63″	.10″	1.81″							
YAV2CL-TC516-FX	1			5/16″	.68″	.63″	.10″	1.69″							

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.
** The MM² conductor size listed is for both Class 2 and Class 5 conductors.
*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.

▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors. For nest/indentor system contact factory.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

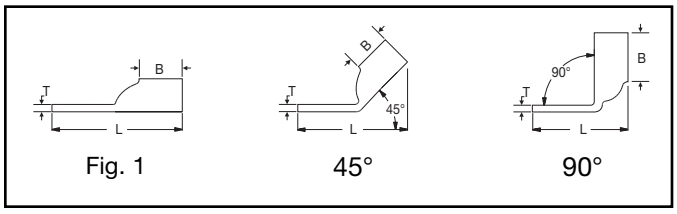
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Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAV1CL-TC10-FX	1	175/24 225/24 #1 Weld #1 AWG	—	# 10	.75″	.69″	.12″	1.59″	MY29-11 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	U1CRT (1)	Green	11	11/16″
YAV1CL-TC12-FX	1			1/2″	.75″	.69″	.12″	2.15″							
YAV1CL-TC14-FX	1			1/4″	75″	.69″	.12″	1.71″							
YAV1CL-TC38-FX	1			3/8″	.75″	.69″	.12″	1.90″							
YAV1CL-TC516-FX	1			5/16″	.75″	.69″	.12″	1.78″							
YAV25L-TC12-FX	1	275/24 1/0 Weld 1/0 AWG	50	1/2″	.83″	.69″	.12″	2.19″		W25VT (2) W25RT (2) X25RT (2)	W25VT (2) W25RT (2) X25RT (2)	U25RT (1)	Pink	12	11/16″
YAV25L-TC14-FX	1			1/4″	.83″	.69″	.12″	1.75″							
YAV25L-TC38-FX	1			3/8″	.83″	.69″	.12″	1.94″							
YAV25L-TC516-FX	1			5/16″	.83″	.69″	.12″	1.77″							
YAV26L-TC10-FX	1	325/24 2/0 Weld 2/0 AWG	70	# 10	.93″	.81″	.13″	1.80″		W26VT (2) W26RT (2) X26RT (2)	W26VT (2) W26RT (2) X26RT (2)	U26RT (1)	Black	13	13/16″
YAV26L-TC12-FX	1			1/2″	.93″	.81″	.13″	2.36″							
YAV26L-TC14-FX	1			1/4″	.93″	.81″	.13″	1.92″							
YAV26L-TC34-FX	1			3/4″	1.10″	.81″	.11″	2.89″							
YAV26L-TC38-FX	1			3/8″	.93″	.81″	.13″	2.11″							
YAV26L-TC516-FX	1			5/16″	.93″	.81″	.13″	1.98″							
YAV26L-TC58-FX	1			5/8″	.93″	.81″	.13″	2.61″							
YAV27L-TC10-FX	1	450/24 3/0 Weld 3/0 AWG	95	# 10	1.03″	1.00″	.14″	2.03″		W27VT (2) W27RT (2) X27RT (3)	W27VT (2) W27RT (2) X27RT (3)	U27RT (1)	Orange	14	1″
YAV27L-TC12-FX	1			1/2″	1.03″	1.00″	.14″	2.59″							
YAV27L-TC14-FX	1			1/4″	1.03″	1.00″	.14″	2.15″							
YAV27L-TC38-FX	1			3/8″	1.03″	1.00″	.14″	2.34″							
YAV27L-TC516-FX	1			5/16″	1.03″	1.00″	.14″	2.21″							
YAV28L-TC12-FX	1	550/24 4/0 Weld 4/0 AWG	** 120	1/2″	1.14″	1.03″	.15″	2.67″	MY29-11 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W28VT (2) W28RT (2) X28RT (2)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/16″
YAV28L-TC14-FX	1			1/4″	1.14″	1.03″	.15″	2.23″							
YAV28L-TC34-FX	1			3/4″	1.14″	1.03″	.15″	3.11″							
YAV28L-TC38-FX	1			3/8″	1.14″	1.03″	.15″	2.42″							
YAV28L-TC516-FX	1			5/16″	1.14″	1.03″	.15″	2.29″							
YAV28L-TC58-FX	1			5/8″	1.14″	1.03″	.15″	2.92″							
YAV29L-TC12-FX	1	550/24 4/0 Weld	—	1/2″	1.14″	1.03″	.16″	2.67″		W29VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16	1-1/16″
YAV29L-TC14-FX	1			1/4″	1.14″	1.03″	.16″	2.23″							
YAV29L-TC34-FX	1			3/4″	1.14″	1.03″	.16″	3.11″							
YAV29L-TC38-FX	1			3/8″	1.14″	1.03″	.16″	2.42″							
YAV29L-TC516-FX	1			5/16″	1.14″	1.03″	.16″	2.29″							
YAV29L-TC58-FX	1			5/8″	1.14″	1.03″	.16″	2.92″							
YA30L-TC516-FX	1	250 Flex CLASS G 259 Str. CLASS H 427 Str.	—	5/16″	1.20″	1.03″	.16″	2.31″							
YA30L-TC38-FX	1			3/8″	1.20″	1.03″	.16″	2.44″							
YA30L-TC12-FX	1			1/2″	1.20″	1.03″	.16″	2.69″							
YA30L-TC58-FX	1			5/8″	1.20″	1.03″	.16″	2.94″							
YA30L-TC34-FX	1			3/4″	1.20″	1.03″	.16″	3.12″							

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™
** The 16 MM² is for both Class 2 and Class 5 conductors.
*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.

▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors. For nest/indentor system contact factory.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

ONE HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL
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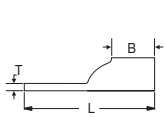
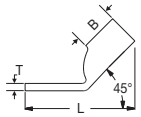
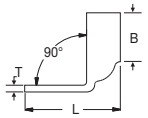


Fig. 1



45°



90°

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	▲ Installation Tooling: Mechanical MD6, OUR840, MD7-34R	▲ Installation Tooling: Hydraulic BCT500HS, Y500CTHS	▲ Installation Tooling: Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA31L-TC14-FX	1	250 Flex 637/24 CLASS I, K, M	150	1/4″	1.29″	1.06″	.18″	2.31″	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W30VT (2)	W30VT (2) W30RT (2)	U30RT (2)	White	17	1-1/8″
YA31L-TC516-FX	1			5/16″	1.29″	1.06″	.18″	2.37″							
YA31L-TC38-FX	1			3/8″	1.29″	1.06″	.18″	2.50″							
YA31L-NT12-FX	1			1/2″	.96″	1.06″	.18″	2.75″							
YA31L-TC12-FX	1			1/2″	1.29″	1.06″	.18″	2.75″							
YA31L-TC58-FX	1			5/8″	1.29″	1.06″	.18″	3.00″							
YA31L-TC34-FX	1			3/4″	1.29″	1.06″	.18″	3.19″							
YA32L-TC38-FX	1	313.1 kcmil 775/24 300 Flex	185	3/8″	1.40″	1.19″	.19″	2.68″		W31VT (2)	W31VT (2) W31RT (2)	U31RT (2)	Red	18	1-1/4″
YA32L-TC12-FX	1			1/2″	1.40″	1.19″	.19″	2.93″							
YA32L-TC58-FX	1			5/8″	1.40″	1.19″	.19″	3.18″							
YA34L-TC516-FX	1	373.7 kcmil 925/24 350 Flex	240	5/16″	1.55″	1.27″	.23″	2.74″		W32VT (2)	W32VT (2) W32RT (2)	U32RT (2)	Blue	19	1-5/16″
YA34L-TC38-FX	1			3/8″	1.55″	1.27″	.23″	2.87″							
YA34L-TC12-FX	1			1/2″	1.55″	1.27″	.23″	3.12″							
YA34L-TC58-FX	1			5/8″	1.55″	1.27″	.23″	3.37″							
YA36L-TC12-FX	1	444.4 kcmil 450 Flex	—	1/2″	1.74″	1.38″	.27″	3.29″		—	—	U34RT (2)	Brown	20	1-3/8″
YA36L-TC58-FX	1	1100/24	—	5/8″	1.74″	1.38″	.27″	3.54″							
YA38L-TC12-FX	1	535.3 kcmil 1325/24 500 Flex	300	1/2″	1.84″	1.45″	.27″	3.41″		—	—	U38XRT (2)	Pink	L99	1-7/16″
YA38L-TC58-FX	1			5/8″	1.84″	1.45″	.27″	3.66″							
YA38L-TC516-FX	1			5/16″	1.84″	1.45″	.27″	3.03″							
YA38L-TC38-FX	1			3/8″	1.84″	1.45″	.27″	3.34″							
YA40L-TC516-FX	1	646 kcmil 1600/24	400	5/16″	1.98″	1.42″	.30″	3.05″	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	—	U39RT (2)	Black	24	1-5/16″
YA40L-TC38-FX	1			3/8″	1.98″	1.42″	.30″	3.38″							
YA40L-TC12-FX	1			1/2″	1.98″	1.42″	.30″	3.43″							
YA40L-TC58-FX	1			5/8″	1.98″	1.42″	.30″	3.68″							
YA44L-TC12-FX	1	777.7 kcmil 1925/24	500	1/2″	2.19″	1.65″	.33″	3.79″		—	—	U44XRT (2)	Yellow	L115	1-5/8″
YA44L-TC58-FX	1			5/8″	2.19″	1.65″	.33″	4.04″							

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™
** The 16 MM² is for both Class 2 and Class 5 conductors.
*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.

▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors. For nest/indentor system contact factory.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

ONE HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL NARROW TONGUE

TYPE YAV-L-NTFX

COPPER COMPRESSION NARROW TONGUE TERMINAL

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



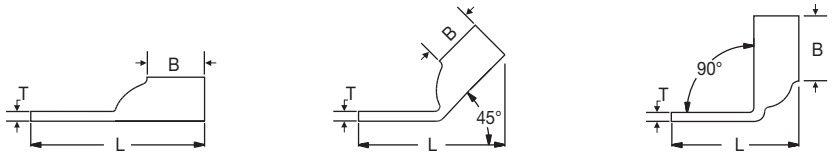


Fig. 1 45° 90°

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	▲ Installation Tooling: Mechanical MD6, OUR840, MD7-34R	▲ Installation Tooling: Hydraulic BCT500HS, Y500CTHS	▲ Installation Tooling: Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAV4CLNT10FX	1	#4 AWG #4 Weld 91/24 105/24	—	#10	.41″	.50″	.09″	1.32″	MY29-11 (1) Y1MRTC (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W4CRT (1) X4CRT (1) W4CVT (1)	W4CRT (1) W4CVT (1) X4CRT (1)	U4CRT (1)	Gray	8	1/2″
YAV2CLNT14FX	1	#2 AWG #2 Weld 125/24 150/24	35	1/4″	.46″	.63″	.10″	1.71″	Y1MRTC (2) MY29-11 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W2CVT (1) W2CRT (1) X2CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	U2CRT (1)	Brown	10	11/16″
YAV2CLNT516FX	1			5/16″	.44″	.63″	.10″	1.78″							
YAV25LNT14FX	1	1/0 AWG 1/0 Weld 275/24	50	1/4″	.67″	.69″	.12″	1.75″	MY29-11 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W25VT (2) W25RT (2) X25RT (2)	W25VT (2) W25RT (2) X25RT (2)	U25RT (1)	Pink	12	11/16″
YAV25LNT516FX	1			5/16″	.67″	.69″	.12″	1.81″							
YAV25LNT38FX	1			3/8″	.76″	.69″	.13″	1.94″							
YAV26LNT516FX	1	2/0 AWG 2/0 Weld 325/24	70	5/16″	.90″	.81″	.13″	1.98″	MY29-11 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W26VT (2) W26RT (2) X26RT (2)	W26VT (2) W26RT (2) X26RT (2)	U26RT (1)	Black	13	13/16″
YAV26LNT38FX	1			3/8″	.90″	.81″	.13″	2.11″							
YAV26LNT12FX	1			1/2″	—	—	—	—							
YAV28LNT516FX	1	4/0 AWG 4/0 Weld 550/24	—	5/16″	.94″	1.03″	.15″	2.29″	MY29-11 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/16″
YAV28LNT38FX	1			3/8″	.94″	1.03″	.15″	2.42″							
YAV28LNT12FX	1			1/2″	.76″	1.03″	.15″	2.67″							
YA31LNT12FX	1	250 Flex 637/24 Class I,K,M	150	1/2″	.96″	1.06″	.18″	2.75″	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W30VT (2)	W30VT (2) W30RT (2)	U30RT (2)	White	17	1-1/8″

Consult cable manufacturers for stress relief instructions.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

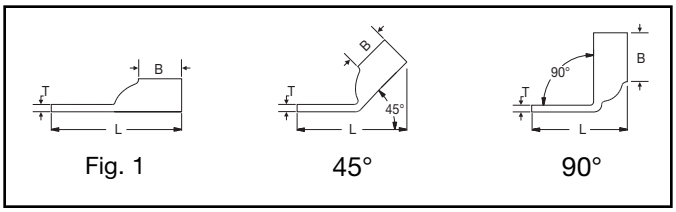
* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™.
▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors.

Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

ONE HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL NARROW TONGUE
(Continued)





UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling Dieless (# of crimps)	▲ Installation Tooling Mechanical MD6, OUR840, MD7-34R	▲ Installation Tooling Hydraulic BCT500HS, Y500CTHS	▲ Installation Tooling Hydraulic Y35, Y39, Y750, Y46*, PAT750	▲ Installation Tooling Color Code	▲ Installation Tooling Die Index	Wire Strip Length
YA32LNT516FX	1	313.1 kcmil 775/24 300 Flex	185	5/16″	.96″	1.19″	.19″	2.65″	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W31VT (2)	W31VT (2) W31RT (2)	U31RT (2)	Red	18	1-1/4″
YA32LNT38FX	1			3/8″	.96″	1.19″	.19″	2.68″							
YA38LNT12FX	1	535.3 kcmil 1325/24 500 Flex	300	1/2″	1.63″	1.45″	.27″	3.41″	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	—	—	U38XRT (2)	Pink	L99	1-7/16″
YA38LNTM20FX	1			M20	1.63″	1.45″	.27″	3.84″							
YA44LNT38FX	1	777.7 kcmil 1925/24 750 Flex	500	3/8″	1.50″	1.65″	.33″	3.79″	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	—	U44XRT (2)	Yellow	L115	1-5/8″
YA44LNT12FX	1			1/2″	1.62″	1.65″	.33″	3.98″							

Consult cable manufacturers for stress relief instructions.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™.
▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors.

Note: All dimensions shown are for reference only.

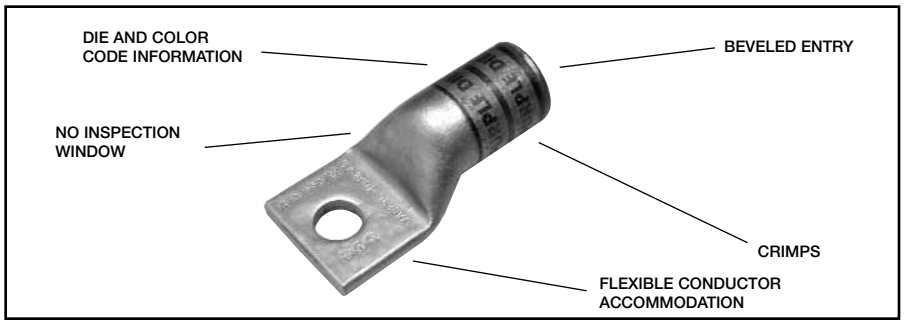
ONE HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL NO INSPECTION WINDOW

TYPE YAG-L-TC

COPPER COMPRESSION TERMINAL

UL Listed 90° C,
600 Volts to 35 kV

45° and 90° angles are available. Please contact Customer Service to order: 1-800-346-4175



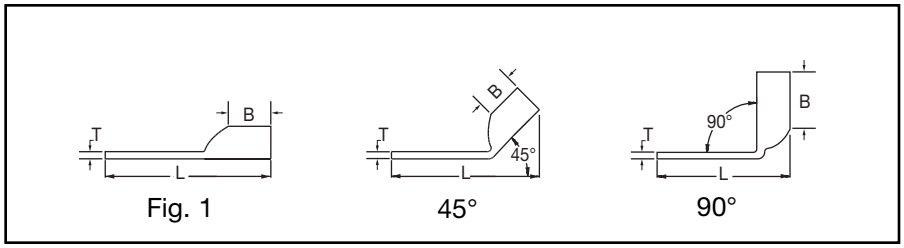


Fig. 1 45° 90°

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling Dieless (# of crimps)	▲ Installation Tooling Mechanical MD6, OUR840, MD7-34R	▲ Installation Tooling Hydraulic BCT500HS, Y500CTHS	▲ Installation Tooling Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAG8CLTC14FX	1	37/24 #8 Weld 8 AWG	10	1/4″	.44″	.44″	.08″	1.32″	MY29-11 (1) Y1MRTC (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W8CRT (1) X8CRT (1) W8CVT (1)	W8CRT (1) X8CRT (1) W8CVT (1)	U8CRT (1)	Red	49	7/16″
YAG8CLTC516FX	1			5/16″	.52″	.44″	.06″	1.38″							
YAG8CLTC12FX	1			1/2″	.72″	.44″	.05″	1.76″							
YAG6CLTC14FX	1	61/24 #6 Weld #6 AWG	16	1/4″	.48″	.50″	.05″	1.43″		W5CRT (1) X5CRT (1) W5CVT (1)	W5CRT (1) W5CVT (1) X5CRT (1)	U5CRT (1)	Blue	7	1/2″
YAG6CLT516FX	1			5/16″	.52″	.50″	.07″	1.49″							
YAG6CLTC38FX	1			3/8″	.58″	.50″	.06″	1.61″							
YAG6CLTC12FX	1			1/2″	.75″	.50″	.12″	1.86″							
YAG4CLTC14FX	1	91/24 105/24 #4 AWG #4 Weld	—	1/4″	.55″	.50″	.09″	1.48″	MY29-11 (1) Y1MRTC (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W4CRT (1) X4CRT (1) W4CVT (1)	W4CRT (1) W4CVT (1) X4CRT (1)	U4CRT (1)	Gray	8	1/2″
YAG4CLTC516FX	1			5/16″	.55″	.50″	.08″	1.55″							
YAG4CLTC38FX	1			3/8″	.58″	.50″	.08″	1.67″							
YAG4CLTC12FX	1			1/2″	.71″	.50″	.07″	1.92″							
YAG2CLTC14FX	1	#2 AWG #2 Weld 125/24 150/24	35	1/4″	.68″	.63″	.10″	1.52″		W2CVT (1) W2CRT (1) X2CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	U2CRT (1)	Brown	10	11/16″
YAG2CLTC516FX	1			5/16″	.68″	.63″	.10″	1.64″							
YAG2CLTC38FX	1			3/8″	.68″	.63″	.10″	1.70″							
YAG2CLTC12FX	1			1/2″	.77″	.63″	.10″	1.83″							
YAG1CLTC14FX	1	#1 AWG #1 Weld 175/24 225/24	—	1/4″	.75″	.69″	.12″	1.73″	MY29-11 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W1CVT (1) W1CRT (1) X1CRT (1)	W1CVT (1) W1CRT (1) X1CRT (1)	U1CRT-1 (1)	Green	11	11/16″
YAG1CLTC516FX	1			5/16″	.75″	.69″	.12″	1.80″							
YAG1CLTC38FX	1			3/8″	.75″	.69″	.12″	1.92″							
YAG1CLTC12FX	1			1/2″	.75″	.69″	.12″	2..17″							
YAG25LTC14FX	1	1/0 AWG 1/0 Weld 275/24	50	1/4″	.83″	.69″	.12″	1.77″		W25VT (2) W25RT (2) X25RT (2)	W25VT (2) W25RT (2) X25RT (2)	U25RT (1)	Pink	12	11/16″
YAG25LTC516FX	1			5/16″	.83″	.69″	.12″	1.84″							
YAG25LTC38FX	1			3/8″	.83″	.69″	.12″	1.96″							
YAG25LTC12FX	1			1/2″	.83″	.69″	.12″	2.21″							
YAG26LTC14FX	1	2/0 AWG 2/0 Weld 325/24	70	1/4″	.93″	.81″	.13″	1.95″	MY29-11 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W26VT (2) W26RT (2) X26RT (2)	W26VT (2) W26RT (2) X26RT (2)	U26RT (1)	Black	13	13/16″
YAG26LTC516FX	1			5/16″	.93″	.81″	.13″	2.01″							
YAG26LTC38FX	1			3/8″	.93″	.81″	.13″	2.13″							
YAG26LTC12FX	1			1/2″	.93″	.81″	.13″	2.38″							
YAG27LTC14FX	1	3/0 AWG 3/0 Weld 450/24	95	1/4″	1.03″	1.00″	.14″	2.18″		W27VT (2) W27RT (2) X27RT (3)	W27VT (2) W27RT (2) X27RT (3)	U27RT (1)	Orange	14	1″
YAG27LTC516FX	1			5/16″	1.03″	1.00″	.14″	2.21″							
YAG27LTC38FX	1			3/8″	1.03″	1.00″	.14″	2.37″							
YAG27LTC12FX	1			1/2″	1.03″	1.00″	.14″	2.62″							
YAG28LTC14FX	1	4/0 AWG 4/0 Weld 550/24	—	1/4″	1.14″	1.03″	.15″	2.26″		W28VT (2 W28RT (2) X28RT (3)	W28VT (2 W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/16″
YAG28LTC516FX	1			5/16″	1.14″	1.03″	.15″	2.32″							
YAG28LTC38FX	1			3/8″	1.14″	1.03″	.15″	2.45″							
YAG28LTC12FX	1			1/2″	1.14″	1.03″	.15″	2.70″							

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.
** The MM² conductor size referenced here is for Class 5 conductor.

▲ See tooling section of this catalog for complete tool and die listings.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

ONE HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL NO INSPECTION WINDOW
(Continued)

UL Listed 90° C,
600 Volts to 35 kV



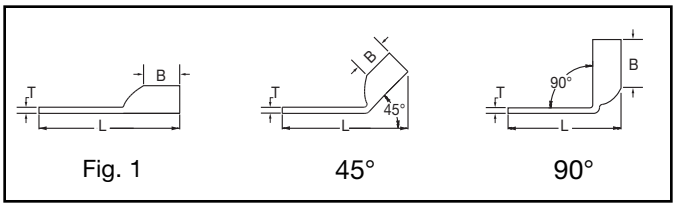


Fig. 1 45° 90°

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAG29LTC38FX	1	4/0 AWG	—	3/8″	1.14″	1.03″	.16″	2.45″	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W29VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16	1-1/16″
YAG29LTC12FX	1	4/0 Weld		1/2″	1.14″	1.03″	.16″	2.70″							
YAG29LTC58FX	1	550/24		5/8″	1.14″	1.03″	.16″	3.14″							
YAG30LTC38FX	1	250 Flex	—	3/8″	1.20″	1.03″	.16″	2.47″							
YAG30LTC12FX	1	Class G 259 Str.		1/2″	1.20″	1.03″	.16″	2.72″							
YAG30LTC58FX	1	Class H 427 Str.		5/8″	1.20″	1.03″	.16″	2.97″							
YAG31LTC14FX	1	250 Flex 637/24 Class I,K,M	150	1/4″	1.29″	1.06″	.18″	2.35″	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W30VT (2)	W30VT (2) W30RT (2)	U30RT (2)	White	17	1-1/8″
YAG31LTC516FX	1			5/16″	1.29″	1.06″	.18″	2.41″							
YAG31LTC38FX	1			3/8″	1.29″	1.06″	.18″	2.53″							
YAG31LTC12FX	1			1/2″	1.29″	1.06″	.18″	2.78″							
YAG31LTC58FX	1			5/8″	1.29″	1.06″	.18″	3.06″							
YAG32LTC12FX	1	313.1 kcmil 775/24 300 Flex	185	1/2″	1.40″	1.19″	.19″	2.97″		W31VT (2)	W31VT (2) W31RT (2)	U31RT (2)	Red	18	1-1/4″
YAG32LTC58FX	1			5/8″	1.40″	1.19″	.19″	3.22″							
YAG34LTC516FX	1	373.7 kcmil 925/24 350 Flex	240	5/16″	1.55″	1.27″	.23″	2.78″		W32VT (2)	W32VT (2) W32RT (2)	U32RT (2)	Blue	19	1-5/16″
YAG34LTC38FX	1			3/8″	1.55″	1.27″	.23″	2.91″							
YAG34LTC12FX	1			1/2″	1.55″	1.27″	.23″	3.16″							
YAG34LTC58FX	1			5/8″	1.55″	1.27″	.23″	3.41″							
YAG36LTC38FX	1	444.4 kcmil 1100/24 450 Flex	—	3/8″	1.73″	1.38″	.27″	3.27″		—	—	U34RT (2)	Brown	20	1-7/16″
YAG38LTC38FX	1	535.3 kcmil 1325/24 500 Flex	300	1/4″	1.84″	1.45″	.27″	3.02″		—	—	U38XRT (2)	Pink	L99	1-7/16″
YAG38LTC516FX	1			5/16″	1.84″	1.45″	.27″	3.08″							
YAG38LTC38FX	1			3/8″	1.84″	1.45″	.27″	3.39″							
YAG38LTC12FX	1			1/2″	1.84″	1.45″	.27″	3.46″							
YAG40LTC14FX	1	646 kcmil 1600/24 650 Flex	400	1/4″	1.96″	1.42″	.30″	3.04″	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	—	U39RT (2)	Black	24	1-5/16″
YAG40LTC516FX	1			5/16″	1.96″	1.42″	.30″	3.11″							
YAG40LTC38FX	1			3/8″	1.96″	1.42″	.30″	3.42″							
YAG40LTC12FX	1			1/2″	1.96″	1.42″	.30″	3.48″							
YAG44LTC516FX	1	777.7 kcmil 1925/24 750 Flex	500	5/16″	2.18″	1.65″	.33″	3.50″		—	—	U44XRT (2)	Yellow	L115	1-5/8″
YAG44LTC38FX	1			3/8″	2.18″	1.65″	.33″	3.81″							
YAG44LTC12FX	1			1/2″	2.18″	1.65″	.33″	3.85″							

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.
** The MM² conductor size referenced here is for Class 5 conductor.

▲ See tooling section of this catalog for complete tool and die listings.
Note: All dimensions shown are for reference only.

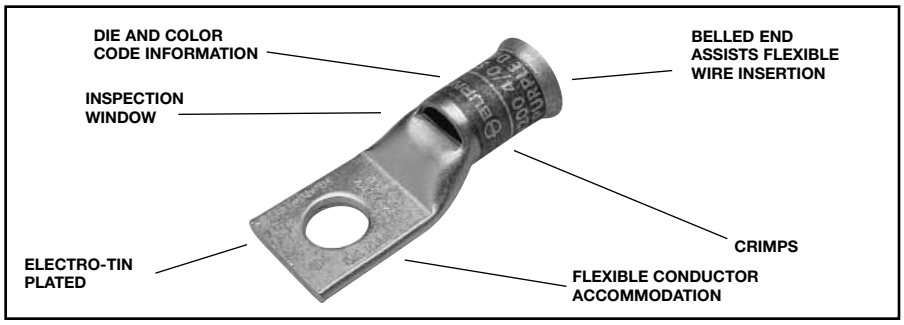
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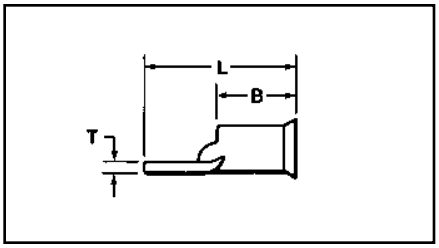
ONE HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL BELLED END

TYPE YA-LB

COPPER COMPRESSION TERMINAL

UL Listed 90° C,
600 Volts to 35 kV ◆





Catalog Number	Flexible Conductor Size AWG/kcmil	Stranding Class (Size of Strand) Number of Strands G	H	I (#24 Str.)	Battery Cable K (#30 Str.)	Welding Cable M (#34 Str.)	Locomotive Cable	Bolt Size	Wire Strip Length	Installation Tooling Dieless (# of crimps)	▲ Die Index	Dimensions B	L
YA8C-LB	8	49	133	41	168	420	37/24	10	7/16″	Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18 (1)	1013	.41″	1.12″
YA5C-LB	6			63	266	665	61/24	1/4″	7/8″		1014	.44″	1.73″
YA4C-LB	5			84	336	836	91/24				1015	.50″	1.92″
YA3C-LB	4			105	420	1064	105/24	5/16″	5/16″		1016	.55″	1.94″
YA2C-LB	3			133	532	1323	125/24				1017	.61″	1.97″
YA1C-LB	2			161	665	1666	150/24				1018	.68″	2.02″
YA25-LB	1	133	259	210	836	2107	225/24				1019	.75″	2.26″
YA26-LB	1/0			266	1064	2646	275/24	3/8″	1″		1020	.83″	2.61″
YA27-LB	2/0			342	1323	3325	325/24	1/2″	1-1/16″		1021	.91″	2.67″
YA28-LB	3/0			418	1666	4256	450/24				1022	1.02″	2.77″
YA29-LB	4/0			—	—	—	—				1023	1.11″	2.82″
YA30-LB	4/0	—	—	532	2107	5320	550/24		1-1/8″		1024	1.20″	2.93″
	250	259	427	—	—	—	—						
YA31-LB	250	—	—	—	—	—	—		1-3/16″		1025	1.29″	3.31″
	262.2	—	—	637	2499	6384	650/24						
YA32-LB	300	259	427	735	2989	7851	—	5/8″	1-1/4″		1026	1.40″	3.56″
	313.1	—	—	—	—	—	775/24						
YA34-LB	350	—	—	—	3458	8806	—		1-7/16″		1027	1.52″	3.83″
	373.7	—	—	—	—	—	925/24						
	400	259	427	980	—	—	—						
YA36-LB	444.4	—	—	—	—	—	1100/24		1-3/4″		1028	1.69″	4.31″
	450	—	—	1127	4522	11396	—						
YA38-LB	500	—	—	—	—	12691	—		1-15/16″		1029	1.81″	4.27″
	535.3	—	—	—	—	—	1325/24						
	550	427	703	1372	5054	—	—						
YA39-LB	600	—	—	—	—	13664	—			Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18 (2)	1030	1.89″	4.27″
		427	—	—	—	—	—						
YA40-LB	—	—	703	1470	—	14945	1600/24				1031	1.95″	4.27″
YA44-LB		—	—	—	5985	—	—				1032	2.17″	4.5″
	650			1596	—	—	—						
	750	427	703	—	—	—	—						
	777.7	—	—	—	—	—	1925/24						

Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

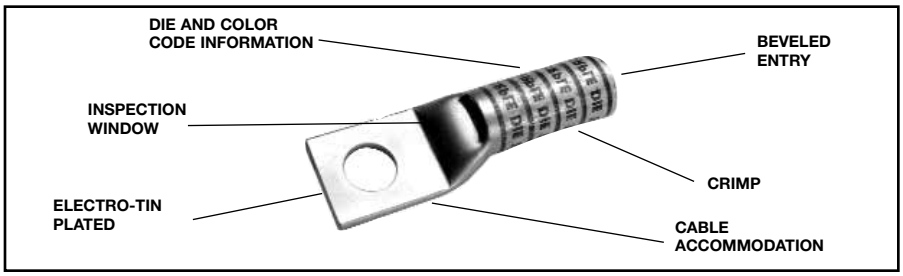
ONE HOLE HYLUG™ FLEX CONDUCTOR LONG BARREL WITH INSPECTION WINDOW

TYPES YAZ, YAZV

COPPER COMPRESSION TERMINAL

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



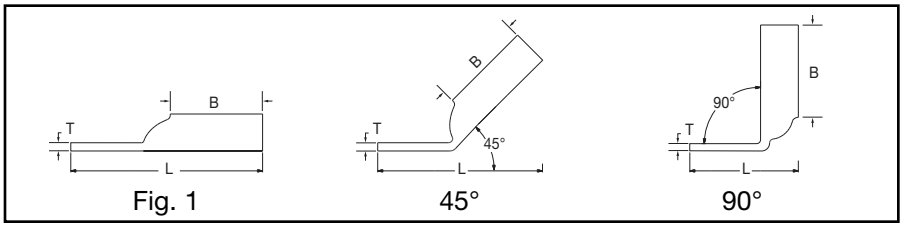


Fig. 1 45° 90°

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	▲ Installation Tooling: Mechanical MD6, OUR840, MD7-34R	▲ Installation Tooling: Hydraulic BCT500HS, Y500CTHS	▲ Installation Tooling: Hydraulic Y35, Y39, Y750, Y46*, PAT750	▲ Installation Tooling: Color Code	▲ Installation Tooling: Die Index	Wire Strip Length
YAZ8CTC10	1	37/24 #8 Weld #8 AWG	** 10	# 10	.41″	.75″	.08″	1.58″	Y1MRTC (2) Y8MRB-1 (2) MY29-3 (2) MY29-11 (2) MRC840 (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W8CVT (2) W8CRT (2) X8CRT (2)	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (2)	Red	49	7/16″
YAZ8CTC14	1			1/4″	.44″	.75″	.08″	1.58″							
YAZ8CTC38	1			3/8″	.58″	.75″	.06″	1.89″							
YAZV6CTC14FX	1	61/24 #6 Weld #6 AWG	** 16	1/4″	.48″	.75″	.08″	2.03″	Y1MRTC (2) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W5CVT (2) W5CRT (2) X5CRT (2)	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	Blue	7	1-3/16″
YAZV6CTC38FX	1			3/8″	.58″	.75″	.06″	1.77″							
YAZV4CTC14FX	1	91/24 105/24 #4 Weld #4 AWG	—	1/4″	.55″	1.25″	.09″	2.21″	Y1MRTC (4) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2)	Gray	8	1-5/16″
YAZV4CTC38FX	1			3/8″	.58″	1.25″	.08″	2.39″							
YAZV2CTC14FX	1	125/24 150/24 #2 Weld	35	1/4″	.68″	1.38″	.10″	2.39″		W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	1-7/16″
YAZV2CTC38FX	1			3/8″	.68″	1.38″	.10″	2.57″							
YAZV2CTC12FX	1	#2 AWG		1/2″	.83″	1.38″	.09″	3.01″							
YAZV1CTC14FX	1	175/24	—	1/4″	.75″	1.38″	.12″	2.42″	MY29-3 (2) MY29-11 (2) MRC840 (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W1CRT-1 (2) W1CVT (2) X1CRT-1 (2)	W1CRT-1 (2) W1CVT (2) X1CRT-1 (2)	U1CRT-1 (2)	Green	11	11/16″

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™
** The MM² conductor size referenced here is for both Class 2 and Class 5 conductor.
*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.

▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors. For nest/indentor system contact factory.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

ONE HOLE HYLUG™ FLEX CONDUCTOR LONG BARREL WITH INSPECTION WINDOW
(Continued)

UL Listed 90° C,
600 Volts to 35 kV ◆



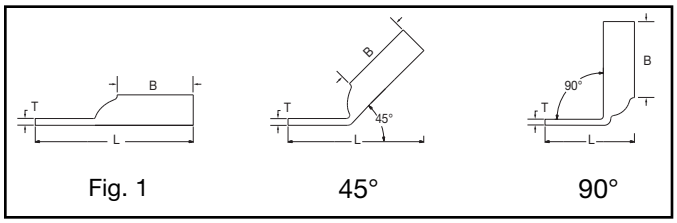


Fig. 1 45° 90°

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, 0UR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAZV1CTC516FX	1	225/24 #1 Weld	—	5/16″	.75″	1.38″	.12″	2.47″	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W1CRT-1 (2) W1CVT (2) X1CRT-1 (2)	W1CRT-1 (2) W1CVT (2) X1CRT-1 (2)	U1CRT-1 (2)	Green	11	1-7/16″
YAZV1CTC38FX	1	#1 AWG		3/8″	.75″	1.38″	.12″	2.60″							
YAZV25TC14FX	1	275/24	50	1/4″	.83″	1.50″	.12″	2.58″		W25VT (4)	W25VT (4)				
YAZV25TC38FX	1	1/0 Weld		3/8″	.83″	1.50″	.12″	2.76″		W25RT (4)	W25RT (4)	U25RT (2)	Pink	12	1-9/16″
YAZV25TC12FX	1	1/0 AWG		1/2″	.83″	1.50″	.12″	3.20″		X25RT (4)	X25RT (4)				
YAZV26TC14FX	1	325/24	70	1/4″	.93″	1.50″	.13″	2.58″		W26VT (4)	W26VT (4)				
YAZV26TC38FX	1	2/0 Weld		3/8″	.93″	1.50″	.13″	2.76″		W26RT (4)	W26RT (4)	U26RT (2)	Black	13	1-9/16″
YAZV26TC12FX	1	2/0 AWG		1/2″	.93″	1.50″	.13″	3.20″		X26RT (4)	X26RT (4)				
YAZV27TC38FX	1	450/24 3/0 Weld 3/0 AWG	95	3/8″	1.03″	1.50″	.14″	2.80″	MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W27RT (4) W27VT (4) X27RT (4)	W27RT (4) W27VT (4) X27RT (4)	U27RT (2)	Orange	14	1-9/16″
YAZV28NT38FX	1	550/24	**	3/8″	.94″	1.62″	.14″	2.96″		W28VT (4)	W28VT (4)				
YAZV28TC38FX	1	4/0 Weld	120	3/8″	1.14″	1.62″	.14″	2.96″		W28RT (4)	W28RT (4)	U28RT (2)	Purple	15	1-11/16″
YAZV28TC12FX	1	4/0 AWG		1/2″	1.14″	1.62″	.14″	3.18″		X28RT (6)	X28RT (6)				
YAZV29NT516FX	1	550/24 4/0 Weld	—	5/16″	.96″	2.00″	.16″	2.87″		W29VT (4) X29RT (8)	W29RT (4) W29VT (4) X29RT (8)	U29RT (2)	Yellow	16	2-1/16″
YAZ30TC38FX	1	250 Flex CLASS G 259 Str. CLASS H 427 Str	—	3/8″	1.20″	2.00″	.16″	3.42″	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W29VT (4) X29RT (8)	W29RT (4) W29VT (4) X29RT (8)	U29RT (2)	Yellow	16	2-1/16″
YAZ31TC38FX	1	262.2 Flex 637/24 CLASS I, K, M	150	3/8″	1.28″	2.00″	.18″	3.45″		W30VT (4)	W30VT (4) W30RT (4)	U30RT (4)	White	17	2-1/16″
YAZ32TC38FX	1	775/24 313.1 kcmil 300 Flex	185	3/8″	1.55″	2.12″	.19″	3.62″		W31VT (4)	W31VT (4) W31RT (4)	U31RT (4)	Blue	19	2-3/16″
YAZ34NT38FX	1	925/24	240	3/8″	.96″	2.25″	.23″	3.85″		W32VT (4)	W32VT (4) W32RT (4)	U32RT (4)	Blue	19	2-5/16″
YAZ34TC38FX	1	373.3 kcmil		3/8″	1.52″	2.25″	.23″	3.85″							
YAZ34TC12FX	1	350 Flex		1/2″	1.52″	2.25″	.23″	4.29″							
YAZ36TC38FX	1	1100/24 444.4 kcmil 450 Flex	—	3/8″	1.72″	2.69″	.26″	4.55″		—	—	U34RT (4)	Brown	20	2-3/4″
YAZ38NT38FX	1	1325/24 535.3 kcmil 500 Flex	300	3/8″	1.63″	2.81″	.27″	4.72″		—	—	U38XRT (4)	Pink	L99	2-7/8″
YAZ38TC38FX	1			3/8″	1.81″	2.81″	.27″	4.72″							
YAZ38NT12FX	1			1/2″	1.63″	2.81″	.27″	4.97″							
YAZ38TC12FX	1			1/2″	1.81″	2.81″	.27″	4.97″							

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™
** The 120 MM² referenced here is for both Class 2 and Class 5 conductor.
*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.

▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors. For nest/indentor system contact factory.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

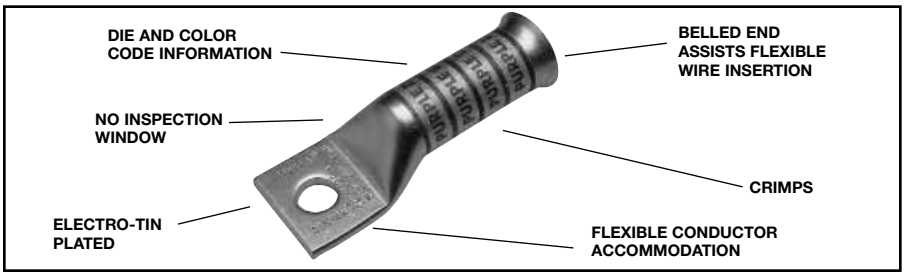
Blue highlighted items are industry standard and most frequently ordered.

ONE HOLE HYLUG™ FLEX CONDUCTOR LONG BARREL BELLED END

TYPES YA-TC-FXB, YAV-TC-FXB

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available. Please contact Customer Service to order: 1-800-346-4175



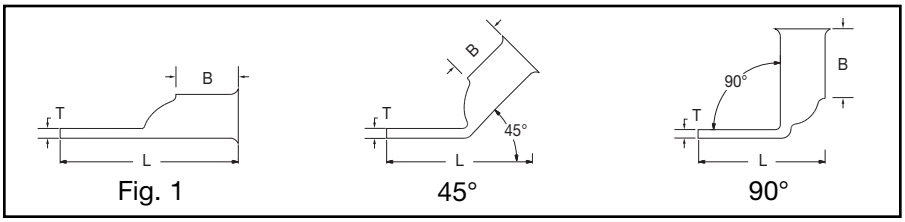


Fig. 1 45° 90°

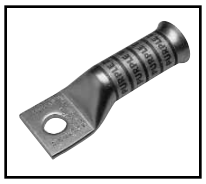
Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750 Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA8C-TC14-FXB	1	37/24 #8 Weld 8 AWG	** 10	1/4″	.41″	.90″	.08″	1.76″	MRC840 (2) MY29-11 (2) Y1MRTC (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W8CVT (2)	W8CVT (2)	U8CRT (2)	Red	49	1″
YAV6C-TC10-FXB	1	61/24 #6 Weld #6 AWG 91/24 #5 Str.	** 16	8-10	.48″	1.22″	.08″	1.90″	MY29-11 (2) Y1MRTC (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W5CVT (2)	W5CVT (2)	U5CRT (2)	Blue	7	1-5/16″
YAV6C-TC14-FXB	1			1/4″				2.11″							
YAV5C-TC14-FXB	1	#5 AWG		1/4″	.44″	1.22″	.07″	2.11″	MY29-11 (2) Y1MRTC (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W5CVT (2)	W5CVT (2)	U5CRT (2)	Blue	7	1-5/16″
YAV4C-TC10-FXB	1	91/24 105/24 #4 Weld #4 AWG		8-10	.55″	1.22″	.09″	2.03″	MY29-11 (2) Y1MRTC (4) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W4CVT (2)	W4CVT (2)	U4CRT (2)	Gray	8	1-5/16″
YAV4C-TC14-FXB	1			1/4″	.55″	1.22″	.09″	2.16″							
YAV4C-TC516-FXB	1			5/16″	.63″	1.22″	.09″	2.22″							
YAV2C-TC10-FXB	1	125/24 150/24 #2 Weld #2 AWG	35	8-10	.67″	1.35″	.10″	2.23″	MY29-11 (2) Y1MRTC (4) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W2CVT (2)	W2CVT (2)	U2CRT (2)	Brown	10	1-7/16″
YAV2C-TC516-FXB	1			5/16″				2.42″							
YAV1C-TC10-FXB	1	175/24 225/24 #1 Weld #1AWG		8-10	.69″	1.50″	.12″	2.40″	MY29-11 (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W1CVT (2)	W1CVT (2)	U1CRT-1 (2)	Green	11	1-9/16″
YAV1C-TC516-FXB	1			5/16″				2.59″							

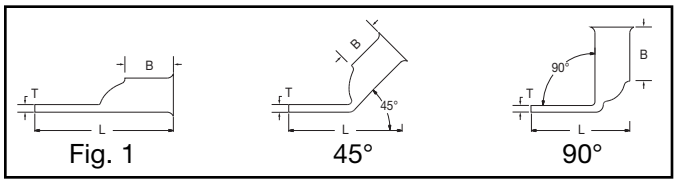
* Use PUADP-1 adapter with U dies in Y46 HYPRESS™
** The MM² conductor sizes referenced here are for both Class 2 and Class 5 conductor.
*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.
‡ P44RT for use with Y46 HYPRESS™ only. PUADP-1 adapter not required.
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◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

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ONE HOLE HYLUG™ FLEX CONDUCTOR LONG BARREL BELLED END
(Continued)

UL Listed 90° C,
600 Volts to 35 kV ◆





45° and 90° angles are available.
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Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750 Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAV25-TC10-FXB	1	275/24 1/0 Weld 1/0 AWG	50	8-10	.83″	1.50″	.12″	2.44″	MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W25VT (4)	W25VT (4)	U25RT (2)	Pink	12	1-9/16″
YAV25-TC516-FXB	1			5/16″				2.63″							
YAV25-TC38-FXB	1			3/8″				2.75″							
YAV25-TC12-FXB	1			1/2″				3.19″							
YAV26-TC38-FXB	1	352/24 2/0 Weld 2/0 AWG	70	3/8″	.93″	1.63″	.13″	2.94″	MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W26VT (4)	W26VT (4)	U26RT (2)	Black	13	1-13/16″
YAV26-TC12-FXB	1			1/2″				3.37″							
YAV27-TC12-FXB	1	3/0 AWG 450/24 3/0 Weld	95	1/2″	1.10″	1.64″	.14″	3.43″	MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W27VT (4)	W27VT (4)	U27RT (2)	Orange	14	1-13/16″
YAV28-TC38-FXB	1	550/24 4/0 Weld 4/0 AWG 250 Flex	** 120	3/8″	1.12″	1.77″	.14″	3.17″	MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W28VT (4)	W28VT (4)	U28RT (2)	Purple	15	1-7/8″
YAV28-TC12-FXB	1			1/2″				3.61″							
YA30-TC12-FXB	1	Class G 259 str. Class H 427 str. 250 Flex		1/2″	1.20″	2.16″	.16″	4.02″	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W29VT (4)	W29VT (4)	U29RT (2)	Yellow	16	2-1/4″
YA31-TC12-FXB	1	637/24 Class I,K,M	150	1/2″	1.28″	2.18″	.18″	4.08″	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W30VT (4)	W30VT (4)	U30RT (4)	White	17	2-1/4″
YA32-TC12-FXB	1	313.1 kcmil	185	1/2″	1.38″	2.32″	.19″	4.28″	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W31VT (4)	W31VT (4)	U31RT (4)	Red	18	2-1/4″
YA34-TC12-FXB	1	373.7 kcmil 925/24	240	1/2″	1.50″	2.48″	.23″	4.54″		W32VT (4)	W32VT (4)	U32RT (4)	Blue	19	2-9/16″
YA36-TC12-FXB	1	444.4 kcmil 1100/24		1/2″	1.69″	2.95″	.26″	5.09″				U34RT (4)	Brown	20	3-1/16″
YA36-TC58-FXB	1			5/8″				5.15″							
YA38-TC58-FXB	1	535.3 kcmil 1325/24	300	5/8″	1.81″	3.08″	.27″	5.32″		—	—	U38XRT (4)	Pink	L99	3-3/16″
YA40-TC58-FXB	1	646 kcmil - 1600/24	400	5/8″	1.95″	3.24″	.30″	5.53″	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	—	—	U39RT (4)	Black	24	3-5/16″
YA44-TC58-FXB	1	777.7 kcmil - 1925/24	500	5/8″	2.17″	3.33″	.33″	5.71″	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	—	—	U44XRT (4)	Yellow	L115	3-7/16″
YA46-TC58-FXB	1	1111 kcmil		5/8″	2.69″	3.58″	.39″	6.19″		—	—	**P45RT (4)	Yellow	29	3-11/16″

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™
** The 16 MM² and 120 MM² referenced here are for both Class 2 and Class 5 conductor.
*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.
‡ P44RT for use with Y46 HYPRESS™ only. PUADP-1 adapter not required.
▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors. For nest/indentor system contact factory.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

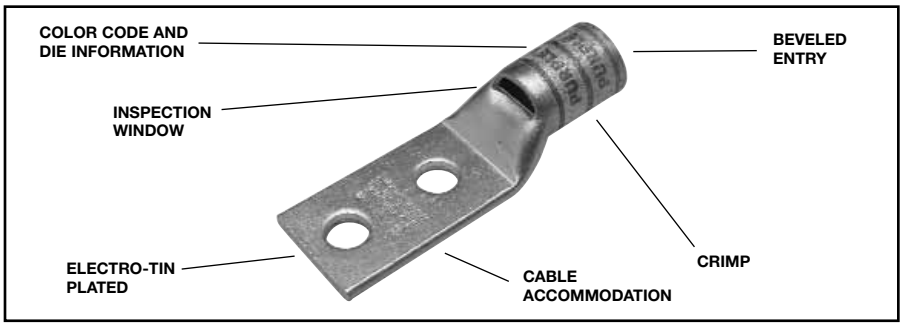
TWO HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL

TYPES YA-L-2TC, YA-L-2TC-FX, YAV-L-2TC-FX

COPPER COMPRESSION TERMINAL

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
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◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

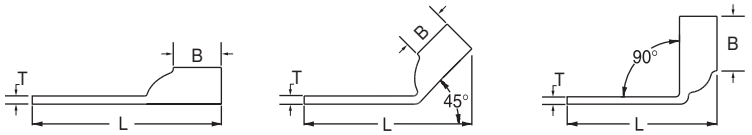


Fig. 1 45° 90°

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	(T)	(L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA8C-L2TC10	1	37/24 #8 Weld #8 AWG	** 10	# 10	5/8″	.41″	.44″	.08″	1.84″	MRC840 (1) MY29-3 (1) MY29-11 (1) Y8MRB-1 (1) Y1MRTC (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W8CVT (1) W8CRT (1) X8CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	U8CRT (1)	Red	49	7/16″
YA8C-L2TC14	1			1/4″	5/8″	.44″	.44″	.08″	1.95″							
YA8C-L2TC14E1	1			1/4″	1″	.44″	.44″	.08″	2.33″							
YA8C-L2TC14E2	1			1/4″	3/4″	.44″	.44″	.08″	2.08″							
YA8C-L2TC38	1			3/8″	1″	.58″	.44″	.06″	2.52″							
YAV6C-L2TC10-FX	1	61/24 #6 Weld #6 AWG	** 16	# 10	5/8″	.44″	.50″	.07″	1.94″	MRC840 (1) MY29-11 (1) Y1MRTC (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W5CVT (1) W5CRT (1) X5CRT (1)	W5CVT (1) W5CRT (1) X5CRT (1)	U5CRT (1)	Blue	7	1/2″
YAV6C-L2TC10E2-FX	1			# 10	3/4″	.48″	.50″	.08″	2.06″							
YAV6C-L2TC10E4-FX	1			# 10	11/16″	.44″	.50″	.07″	2.00″							
YAV6C-L2TC10E9-FX	1			# 10	1/2″	.48″	.50″	.08″	1.81″							
YAV6C-L2TC14-FX	1	61/24 #6 Weld #6 AWG	** 16	1/4″	5/8″	.48″	.50″	.08″	2.06″	MY29-11 (1) Y1MRTC (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W5CVT (1) W5CRT (1) X5CRT (1)	W5CVT (1) W5CRT (1) X5CRT (1)	U5CRT (1)	Blue	7	7/16″
YAV6C-L2TC14E2-FX	1			1/4″	3/4″	.48″	.50″	.08″	2.19″							
YAV6C-L2TC14E1-FX	1			1/4″	1″	.48″	.50″	.08″	2.44″							
YAV6C-L2TC516-FX	1			5/16″	1″	.52″	.50″	.07″	2.50″							
YAV6C-L2TC38-FX	1			3/8″	1″	.58″	.50″	.06″	2.62″							
YAV6C-L2NTC-FX	1			1/2″	1-3/4″	.83″	.50″	.12″	3.81″							
YAV4C-L2NT10-FX	1	91/24 105/24 #4 Weld #4 AWG	—	# 10	5/8″	.41″	.50″	.09″	1.95″	MY29-11 (1) Y1MRTC (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W4CVT (1) W4CRT (1) X4CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	U4CRT (1)	Gray	8	1/2″
YAV4C-L2NT10E1-FX	1			# 10	1″	.41″	.50″	.09″	2.33″							
YAV4C-L2TC14-FX	1			1/4″	5/8″	.55″	.50″	.09″	2.08″							
YAV4C-L2TC14E2-FX	1			1/4″	3/4″	.55″	.50″	.09″	2.20″							
YAV4C-L2TC14E1-FX	1			1/4″	1″	.55″	.50″	.09″	2.45″							
YAV4C-L2TC516-FX	1			5/16″	1″	.55″	.50″	.09″	2.52″							
YAV4C-L2TC38-FX	1			3/8″	1″	.58″	.50″	.08″	2.68″							
YAV4C-L2NTC-FX	1			1/2″	1-3/4″	.83″	.50″	.12″	3.87″							

* Use PUADP-1 adaptor with U dies in Y46 HYPRESS™.
** The MM² conductor size referenced here is for both Class 2 and Class 5 conductor.
*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.

▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors. For nest/indentor system contact factory.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

TWO HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL
(Continued)

UL Listed 90° C,
600 Volts to 35 kV ◆



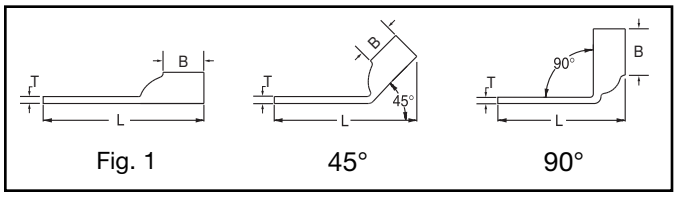


Fig. 1 45° 90°

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	▲ Installation Tooling: Mechanical MD6, OUR840, MD7-34R	▲ Installation Tooling: Hydraulic BCT500HS, Y500CTHS	▲ Installation Tooling: Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAV2C-L2TC14-FX	1	125/24 150/24 #2 Weld #2 AWG	35	1/4″	5/8″	.68″	.63″	.10″	2.26″	MY29-11 (1) Y1MRTC (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W2CVT (1) W2CRT (1) X2CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	U2CRT (1)	Brown	10	11/16″
YAV2C-L2TC14E2-FX	1			1/4″	3/4″	.68″	.63″	.10″	2.38″							
YAV2C-L2TC14E1-FX	1			1/4″	1″	.68″	.63″	.10″	2.63″							
YAV2C-L2TC516-FX	1			5/16″	1″	.68″	.63″	.10″	2.71″							
YAV2C-L2TC38-FX	1			3/8″	1″	.68″	.63″	.10″	2.82″							
YAV2C-L2NTC-FX	1			1/2″	1-3/4″	.83″	.63″	.08″	4.07″							
YAV1C-L2TC14-FX	1	175/24 225/24 #1 Weld #1 AWG	—	1/4″	5/8″	.75″	.69″	.12″	2.35″	MY29-11 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	U1CRT-1 (1)	Green	11	11/16″
YAV1C-L2TC14E1-FX	1			1/4″	1″	.75″	.69″	.12″	2.71″							
YAV1C-L2TC14E2-FX	1			1/4″	3/4″	.75″	.69″	.12″	2.47″							
YAV1C-L2TC516-FX	1			5/16″	1″	.75″	.69″	.12″	2.79″							
YAV1C-L2TC38-FX	1			3/8″	1″	.75″	.69″	.12″	2.91″							
YAV1C-L2NTC-FX	1			1/2″	1-3/4″	.83″	.69″	.11″	4.10″							
YAV25-L2TC14-FX	1			1/4″	5/8″	.83″	.69″	.12″	2.39″		W25VT (2) W25RT (2) X25RT (2)	W25VT (2) W25RT (2) X25RT (2)	U25RT (1)	Pink	12	11/16″
YAV25-L2TC14E2-FX	1			1/4″	3/4″	.83″	.69″	.12″	2.51″							
YAV25-L2TC516E2-FX	1	275/24 1/0 Weld 1/0 AWG	50	5/16″	3/4″	.83″	.69″	.12″	2.57″							
YAV25-L2TC516-FX	1			5/16″	1″	.83″	.69″	.12″	2.82″							
YAV25-L2TC38-FX	1			3/8″	1″	.83″	.69″	.12″	2.95″							
YAV25-L2TC12E1-FX	1			1/2″	1″	.83″	.69″	.12″	3.20″							
YAV25-L2NTC-FX	1	275/24 1/0 AWG 1/0 Weld	50	1/2″	1-3/4″	.83″	.69″	.12″	4.14″	MY29-11 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W25VT (2)	W25VT (2)	U25RT (1)	Pink	12	11/16″
YAV26-L2TC14-FX	1	325/24 2/0 Weld 2/0 AWG	70	1/4″	5/8″	.93″	.81″	.13″	2.56″		W26VT (2) W26RT (2) X26RT (2)	W26VT (2) W26RT (2) X26RT (2)	U26RT (1)	Black	13	13/16″
YAV26-L2TC14E2-FX	1			1/4″	3/4″	.93″	.81″	.13″	2.68″							
YAV26-L2TC516-FX	1			5/16″	1″	.93″	.81″	.13″	2.99″							
YAV26-L2TC38-FX	1			3/8″	1″	.93″	.81″	.13″	3.12″							
YAV26-L2TC12E1-FX	1			1/2″	1″	.93″	.81″	.13″	3.37″							
YAV26-L2NTC-FX	1			1/2″	1-3/4″	.93″	.81″	.13″	4.31″							
YAV27-L2TC14-FX	1	450/24 3/0 Weld 3/0 AWG	95	1/4″	5/8″	1.03″	1.00″	.14″	2.83″		W27VT (2) W27RT (2) X27RT (3)	W27VT (2) W27RT (2) X27RT (3)	U27RT (1)	Orange	14	1″
YAV27-L2TC38-FX	1			3/8″	1″	1.03″	1.00″	.14″	3.35″							
YAV27-L2TC-FX	1			1/2″	1-3/4″	1.03″	1.00″	.14″	4.54″							
YAV28-L2TC14E2-FX	1	550/24 4/0 Weld 4/0 AWG	** 120	1/4″	3/4″	1.12″	1.03″	.15″	2.91″		W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/16″
YAV28-L2TC14-FX	1			1/4″	5/8″	1.12″	1.03″	.15″	2.86″							
YAV28-L2TC516-FX	1			5/16″	1″	1.12″	1.03″	.15″	3.30″							
YAV28-L2TC38-FX	1			3/8″	1″	1.12″	1.03″	.15″	3.43″							
YAV28-L2NTC-FX	1			1/2″	1-3/4″	1.20″	1.03″	.15″	4.18″							
YAV28-L2TC14E2	1			1/4″	3/4″	1.14″	1.03″	.15″	2.99″							
YAV28-L2NT38-FX	1			3/8″	1″	.94″	1.03″	.15″	3.44″							
YAV28-LTC12E1-FX	1			1/2″	1″	1.14″	1.03″	.15″	3.68″							
YAV28-L2TC12-FX	1			1/2″	1-1/4″	1.14″	1.03″	.15″	3.93″							
YAV28-L2NTC-FX	1			1/2″	1-3/4″	1.14″	1.03″	.15″	4.62″							

* Use PUADP-1 adaptor with U dies in Y46 HYPRESS™.
** The 16 MM² referenced here is for both Class 2 and Class 5 conductor.
*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.

▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors. For nest/indentor system contact factory.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

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TWO HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL (Continued)

UL Listed 90° C,
600 Volts to 35 kV ◆



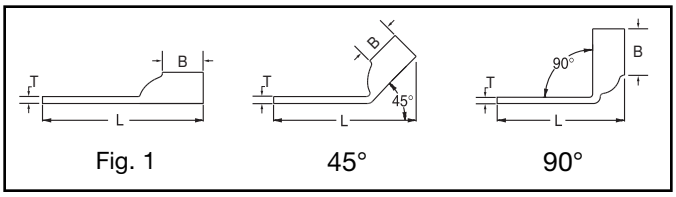


Fig. 1 45° 90°

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Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	(T)	(L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAV29-L2TC14E2-FX	1	550/24 4/0 Weld	—	1/4″	3/4″	1.12″	1.03″	.16″	2.91″	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W29VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16	1-1/16″
YAV29-L2TC14-FX	1			1/4″	5/8″	1.12″	1.03″	.16″	2.86″							
YAV29-L2TC516-FX	1			5/16″	1″	1.12″	1.03″	.16″	3.30″							
YAV29-L2TC38-FX	1			3/8″	1″	1.12″	1.03″	.16″	3.43″							
YAV29-L2NTC-FX	1			1/2″	1-3/4″	1.20″	1.03″	.16″	4.18″							
YAV29-L2NT38-FX	1			3/8″	1″	.94″	1.03″	.16″	3.44″							
YAV29-LTC12E1-FX	1			1/2″	1″	1.14″	1.03″	.16″	3.68″							
YAV29-L2TC12-FX	1			1/2″	1-1/4″	1.14″	1.03″	.16″	3.93″							
YA30-L2TC38-FX	1	250 Flex CLASS G 259 Str. CLASS H 427 Str.	—	3/8″	1″	1.20″	1.03″	.16″	3.45″							
YA30-L2TC12-FX	1			1/2″	1-1/4″	1.20″	1.03″	.16″	3.95″							
YA30-L2NTC-FX	1			1/2″	1-3/4″	1.20″	1.03″	.16″	4.63″							
YA31-L2TC38-FX	1	250 Flex 637/24 CLASS I, K, M	150	3/8″	1″	1.29″	1.06″	.18″	3.51″		W30VT (2)	W30VT (2) W30RT (2)	U30RT (2)	White	17	1-1/8″
YA31-L2TC12-FX	1			1/2″	1-1/4″	1.29″	1.06″	.18″	4.01″							
YA31-L2NTC-FX	1			1/2″	1-3/4″	1.29″	1.06″	.18″	4.70″							
YA31-L2NTC38-FX	1			3/8″	1-3/4″	1.29″	1.06″	.18″	4.26″							
YA32-L2TC38-FX	1	775/24 313.1 kcmil	185	3/8″	1″	1.38″	1.19″	.19″	3.69″		W31VT (2)	W31VT (2) W31RT (2)	U31RT (2)	Red	18	1-1/4″
YA32-L2NTC-FX	1			1/2″	1-3/4″	1.38″	1.19″	.19″	4.88″							
YA34-L2TC38-FX	1	373.7 kcmil 925/24 (350 kcmil Nom.)	240	3/8″	1″	1.52″	1.27″	.23″	3.88″		W32VT (2)	W32VT (2) W32RT (2)	U32RT (2)	Blue	19	1-5/16″
YA34-L2TC12-FX	1			1/2″	1-1/4″	1.52″	1.27″	.23″	4.38″							
YA34-L2NTC-FX	1			1/2″	1-3/4″	1.52″	1.27″	.23″	5.06″							
YA34-L2TC516-FX	1			5/16″	1″	1.55″	1.27″	.23″	3.75″							
YA34-L2NT38-FX	1			3/8″	1″	.96″	1.27″	.23″	3.88″							
YA34-L2NTC38-FX	1			3/8″	1-3/4″	1.55″	1.27″	.23″	4.63″							
YA36-L2TC38-FX	1	1100/24 444.4 kcmil	—	3/8″	1″	1.72″	1.38″	.27″	4.24″		—	—	U34RT (2)	Brown	20	1-7/16″
YA36-L2NTC-FX	1			1/2″	1-3/4″	1.72″	1.38″	.27″	5.24″							
YA38-L2TC38-FX	1	535.3 kcmil 1325/24 (500 kcmil nom.)	300	3/8″	1″	1.81″	1.45″	.27″	4.35″		—	—	U38XRT (2)	Pink	L99	1-7/16″
YA38-L2TC12-FX	1			1/2″	1-1/4″	1.81″	1.45″	.27″	4.67″							
YA38-L2NTC-FX	1	535.3 kcmil 1325/24 (500 kcmil nom.)	300	1/2″	1-3/4″	1.81″	1.45″	.27″	5.35″							
YA38-L2TC516-FX	1			5/16″	1″	1.84″	1.45″	.27″	4.04″							
YA38-L2NT38-FX	1			3/8″	1″	1.63″	1.45″	.27″	4.35″							
YA38-L2NNT-FX	1			1/2″	1-3/4″	1.63″	1.45″	.27″	5.35″							
YA39-L2NTC-FX	1	600 kcmil	—	1/2″	1-3/4″	1.91″	1.42″	.27″	5.36″	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	—	U38RT (2)	Purple	23	1-3/8″
YA40-L2NTC-FX	1	646 kcmil 1600/24	400	1/2″	1-3/4″	1.95″	1.42″	.30″	5.38″		—	—	U39RT (2)	Black	24	1-5/16″
YA40-L2TC38-FX	1			3/8″	1″	1.98″	1.42″	.30″	4.28″							
YA40-L2NNT-FX	1			1/2″	1-3/4″	1.63″	1.42″	.30″	5.38″							
YA44-L2TC38-FX	1	777.7 kcmil 1925/24 (750 kcmil nom.)	500	3/8″	1″	2.19″	1.65″	.33″	4.74″		—	—	U44XRT (2)	Yellow	L115	1-5/8″
YA44-L2NTC-FX	1			1/2″	1-3/4″	2.19″	1.65″	.33″	5.74″							
YA44-L2TC58-FX	1			5/8″	1-1/2″	2.19″	1.65″	.33″	5.55″							
YA44-L2TC12-FX	1			1/2″	1-1/4″	2.19″	1.65″	.33″	5.05″							
YA44-L2TC12E3-FX	1			1/2″	1-1/2″	2.19″	1.65″	.33″	5.30″							
YA44-L2NT38-FX	1			3/8″	1″	1.63″	1.65″	.33″	4.74″							
YA44-L2NNT-FX	1			1/2″	1-3/4″	1.63″	1.65″	.33″	5.74″							

* Use PUADP-1 adaptor with U dies in Y46 HYPRESS™.
*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.

▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors. For nest/indentor system contact factory.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

TWO HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL NARROW TONGUE

TYPE YAV-L-NTFX

COPPER COMPRESSION NARROW TONGUE TERMINAL

UL Listed 90° C
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



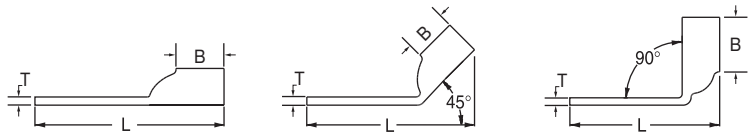


Fig. 1 45° 90°

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	(T)	(L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, 0UR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAV4CL2NT10E1FX	1	#4 AWG #4 Weld 91/24 105/24	—	#10	1.00″	0.41″	0.50″	0.09″	2.33″	MY29-11 (1) Y1MRTC (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W4CVT (1) W4CRT (1) X4CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	U4CRT (1)	Gray	8	9/16″
YAV4CL2NT10FX	1				0.63″	0.41″	0.50″	0.09″	1.95″							
YAV4CL2NT14FX	1			1/4″	0.63″	0.45″	0.50″	0.09″	2.08″							
YAV2CL2NT10FX	1	#2 AWG #2 Weld 125/24 150/24	35	#10	0.63″	0.48″	0.63″	0.10″	2.14″	MY29-11 (1) Y1MRTC (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W2CVT (1) W2CRT (1) X2CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	U2CRT (1)	Brown	10	11/16″
YAV2CL2NT14E1FX	1			1/4″	1.00″	0.48″	0.63″	0.10″	2.63″							
YAV2CL2NT14FX	1				0.63″	0.48″	0.63″	0.10″	2.26″							
YAV1CL2NT14FX	1	#1 AWG #1 Weld 175/24 225/24	—	1/4″	0.63″	0.50″	0.62″	0.12″	2.28″	MY29-11 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	U1CRT-1 (1)	Green	11	11/16″
YAV1CL2NT516FX	1			5/16″	1.00″	0.58″	0.63″	0.12″	2.72″							
YAV25L2NT14E1FX	1	1/0 AWG 1/0 Weld 275/24	50	1/4″	1.00″	0.64″	0.69″	0.12″	2.76″	MY29-11 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W25VT (2) W25RT (2) X25RT (2)	W25VT (2) W25RT (2) X25RT (2)	U25RT (1)	Pink	12	11/16″
YAV25L2NT14FX	1			1/4″	0.63″	0.64″	0.69″	0.12″	2.39″							
YAV25L2NT516FX	1			5/16″	1.00″	0.58″	0.69″	0.12″	2.82″							
YAV26L2NT14FX	1	2/0 AWG 2/0 Weld 325/24	70	1/4″	0.63″	0.76″	0.81″	0.13″	2.56″	MY29-11 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W26VT (2) W26RT (2) X26RT (2)	W26VT (2) W26RT (2) X26RT (2)	U26RT (1)	Black	13	13/16″
YAV26L2NT516FX	1			5/16″	1.00″	0.58″	0.81″	0.13″	2.99″							
YAV26L2NT38FX	1			3/8″	1.00″	0.63″	0.81″	0.13″	3.23″							
YAV28L2ENT14FX	1	4/0 AWG 4/0 Weld 550/24	—	1/4″	0.63″	0.76″	1.03″	0.15″	2.86″	MY29-11 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/16″
YAV28L2NT38FX	1			3/8″	1.00″	0.94″	1.03″	0.15″	3.43″							

Consult cable manufacturers for stress relief instructions.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™.
▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors.

Note: All dimensions shown are for reference only.

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TWO HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL NARROW TONGUE
(Continued)

UL Listed 90° C,
600 Volts to 35 kV ◆



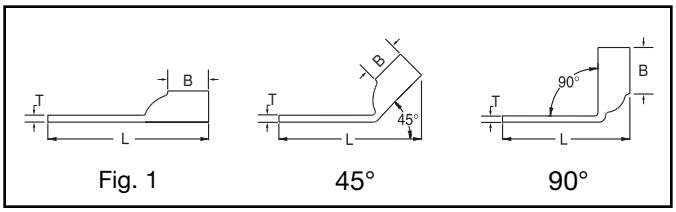


Fig. 1 45° 90°

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAV29L2NT38FX	1	4/0 AWG 4/0 Weld 550/24	—	3/8″	1.00″	0.94″	1.03″	0.16″	3.43″	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W29VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16	1-1/16″
YA31L2NT38FX	1	250 Flex 637/24 Class I,K,M	150	3/8″	1.00″	0.96″	1.06″	0.18″	3.51″	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W30VT (2)	W30VT (2) W30RT (2)	U30RT (2)	White	17	1-1/8″
YA32L2NT38FX	1	313.1 kcmil 775/24 300 Flex	185	3/8″	1.00″	0.96″	1.19″	0.20″	3.69″	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W31VT (2)	W31VT (2) W31RT (2)	U31RT (2)	Red	18	1-1/4″
YA34L2NT38FX	1	373.7 kcmil 925/24 350 Flex	240	3/8″	1.00″	0.96″	1.27″	0.23″	3.88″	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W32VT (2)	W32VT (2) W32RT (2)	U32RT (2)	Blue	19	1-5/16″
YA36L2NT38FX	1	444.4 kcmil 1100/24 450 Flex	—	3/8″	1.00″	1.63″	1.38″	0.27″	4.24″	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	—	—	U34RT (2)	Brown	20	1-7/16″
YA38L2ENT38FX	1	535.3 kcmil 1325/24 500 Flex	300	3/8″	1.00″	1.50″	1.45″	0.27″	4.35″	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	—	—	U38XRT (2)	Pink	L99	1-7/16″
YA38L2NT38FX	1			3/8″	1.00″	1.63″	1.45″	0.27″	4.35″							
YA38L2NNTFX	1			1/2″	1.75″	1.63″	1.45″	0.27″	5.35″							
YA40L2NNTFX	1	646 kcmil 1600/24 650 Flex	400	1/2″	1.75″	1.63″	1.42″	0.30″	5.38″	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	—	U39RT (2)	Black	24	1-5/16″
YA44L2NNTFX	1	777.7 kcmil 1925/24 750 Flex	500	1/2″	1.75″	1.63″	1.65″	0.33″	5.74″	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	—	U44XRT (2)	Yellow	L115	1-5/8″
YA44L2NT38FX	1			3/8″	1.00″	1.63″	1.65″	0.33″	4.74″							
YA45L2NT38FX	1	929 kcmil 2300/24	—	3/8″	1.00″	1.70″	2.00″	0.38″	5.18″	—	—	—	P44RT(2)	White	27	2-1/16″

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▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors.

Note: All dimensions shown are for reference only.

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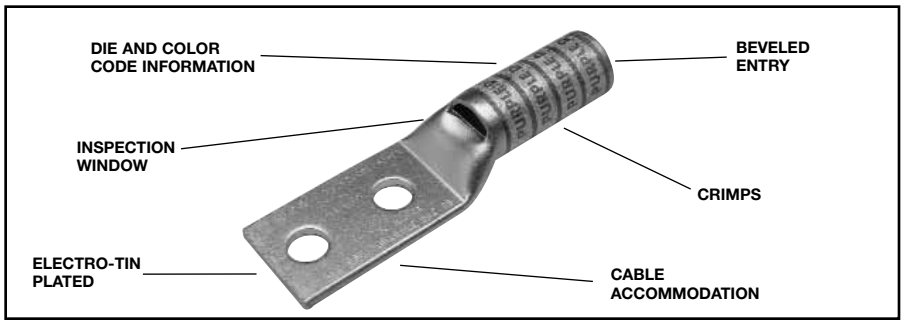
TWO HOLE HYLUG™ FLEX CONDUCTOR LONG BARREL WITH INSPECTION WINDOW

TYPE YAZ-FX

COPPER COMPRESSION TERMINAL

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
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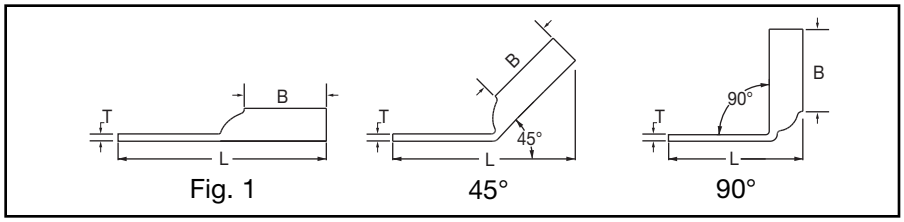


Fig. 1 45° 90°

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, 0UR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAZ8C2TC10FX	1	37/24 #8 Weld #3 AWG	** 10	# 10	5/8″	.41″	.75″	.08″	2.20″	Y8MRB-1 (1) MY29-11 (2) Y1MRTC (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W8CVT (2) W8CRT (2) X8CRT (2)	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (2)	Red	49	1″
YAZ8C2TC10E2FX	1			# 10	3/4″	.41″	.75″	.08″	2.33″							
YAZ8C2TC14E1FX	1			1/4″	1″	.44″	.75″	.08″	2.70″							
YAZ8C2TC14FX	1			1/4″	5/8″	.44″	.75″	.08″	2.32″							
YAZ8C2TC14E2FX	1			1/4″	3/4″	.44″	.75″	.08″	2.45″							
YAZ8C2TC38FX	1			3/8″	1″	.58″	.75″	.06″	2.89″							
YAZV6C2TC10E2FX	1	61/24 #6 Weld #6 AWG	** 16	# 10	3/4″	.48″	.75″	.08″	2.64″	MY29-11 (2) Y644HS (1) Y1MRTC (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W5CVT (2) W5CRT (2) X5CRT (2)	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	Blue	7	1-3/16″
YAZV6C2TC14FX	1			1/4″	5/8″	.48″	.75″	.08″	2.65″							
YAZV6C2TC14E2FX	1			1/4″	3/4″	.48″	.75″	.08″	2.78″							
YAZV6C2TC14E1FX	1			1/4″	1″	.48″	.75″	.08″	3.03″							
YAZV6C2TC38FX	1			3/8″	1″	.58″	.75″	.06″	3.22″							
YAZV6C2TC38E2FX	1			3/8″	3/4″	.58″	.75″	.06″	2.97″							
YAZV6C2TC38E6FX	1			3/8″	7/8″	.58″	.75″	.06″	3.09″							
YAZV4C2TC38E2-FX	1	91/24-105/24 #4 Weld #4 AWG	—	3/8″	3/4″	.58″	1.25″	08″	3.14″	Y1MRTC (4) MY29-11 (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2)	Gray	8	1-5/16″
YAZV4C2TC38FX	1			3/8″	1″	.58″	1.25″	.08″	3.39″							
YAZV4C2TC14FX	1			1/4″	5/8″	.55″	1.25″	.09″	2.83″							
YAZV4C2TC14E2FX	1			1/4″	3/4″	.55″	1.25″	.09″	2.95″							
YAZV2C2TC14FX	1	125/24-150/24 #2 Weld #2 AWG	35	1/4″	5/8″	.68″	1.38″	.10″	3.01″	Y1MRTC (4) MY29-11 (4) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	1-7/16″
YAZV2C2TC14E2FX	1			1/4″	3/4″	.68″	1.38″	.10″	3.13″							
YAZV2C2TC38FX	1			3/8″	1″	.68″	1.38″	.10″	3.57″							
YAZV2C2NTCFX	1			1/2″	1-3/4″	.83″	1.38″	.10″	4.76″							
YAZV1C2TC14FX	1	175/24-225/24 #1 Weld #1 AWG	—	1/4″	5/8″	.75″	1.38″	.12″	3.04″	MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	U1CRT-1 (2)	Green	11	1-7/16″
YAZV1C2TC14E1FX	1			1/4″	1″	.75″	1.38″	.12″	3.41″							
YAZV1C2TC14E2FX	1			1/4″	3/4″	.75″	1.38″	.12″	3.16″							
YAZV1C2TC38FX	1			3/8″	1″	.75″	1.38″	.12″	3.60″							
YAZV1C2TC516E6FX	1			5/16″	7/8″	.75″	1.38″	.12″	3.35″							
YAZV1C2TC516FX	1			5/16″	1″	.75″	1.38″	.12″	3.47″							

* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™.
** The MM² conductor size referenced here is for both Class 2 and Class 5 conductor.
*** The MM² conductor size listed are the recommendations for Class 5 conductor.

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Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

TWO HOLE HYLUG™ FLEX CONDUCTOR LONG BARREL WITH INSPECTION WINDOW (Continued)

UL Listed 90° C,
600 Volts to 35 kV ◆



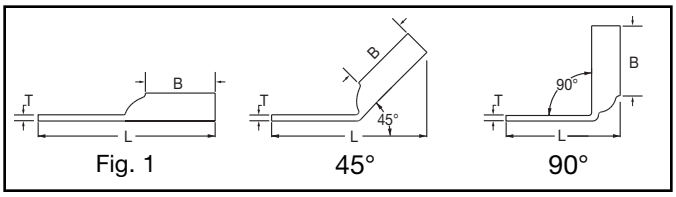


Fig. 1 45° 90°

45° and 90° angles are available.
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Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	(T)	(L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAZV252TC14FX	1	275/24 1/0 Weld 1/0 AWG	50	1/4″	5/8″	.83″	1.50″	.12″	3.20″	MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W25VT (4) W25RT (4) X25RT (4)	W25VT (4) W25RT (4) X25RT (4)	U25RT (2)	Pink	12	1-9/16″
YAZV252TC14E2FX	1			1/4″	3/4″	.83″	1.50″	.12″	3.32″							
YAZV252TC38FX	1			3/8″	1″	.83″	1.50″	.12″	3.76″							
YAZV252NTCFX	1			1/2″	1-3/4″	.83″	1.50″	.12″	4.95″							
YAZV262TC14FX	1	325/24 2/0 Weld 2/0 AWG	70	1/4″	5/8″	.93″	1.50″	.13″	3.20″		W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13	1-9/16″
YAZV262TC14E2FX	1			1/4″	3/4″	.93″	1.50″	.13″	3.32″							
YAZV262TC38FX	1			3/8″	1″	.93″	1.50″	.13″	3.76″							
YAZV262NTCFX	1			1/2″	1-3/4″	.93″	1.50″	.13″	4.95″							
YAZV272TC14E2FX	1	450/24 3/0 Weld 3/0 AWG	95	1/4″	3/4″	1.03″	1.50″	.14″	3.36″		W27VT (4) W27RT (4) X27RT (4)	W27VT (4) W27RT (4) X27RT (4)	U27RT (2)	Orange	14	1-9/16″
YAZV272TC38FX	1			3/8″	1″	1.03″	1.50″	.14″	3.80″							
YAZV282TC14E2FX	1	550/24 4/0 Weld 4/0 AWG	** 120	1/4″	3/4″	1.14″	1.62″	.15″	3.52″		W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15	1-11/16″
YAZV282NT38FX	1			3/8″	1″	.94″	1.62″	.15″	3.96″							
YAZV282TC38FX	1			3/8″	1″	1.14″	1.62″	.15″	3.96″							
YAZV282NTCFX	1			1/2″	1-3/4″	1.14″	1.62″	.15″	4.93″							
YAZV292NT516FX	1	550/24 4/0 Weld	—	5/16″	1-3/4″	1.20″	2.00″	.16″	4.62″	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W29VT (4) X29RT (8)	W29RT (4) W29VT (4) X29RT (8)	U29RT (2)	Yellow	16	2-1/16″
YAZ302TC38FX	1	250 Flex CLASS G 259 Str. CLASS H 427 Str.	—	3/8″	1″	1.20″	2.00″	.16″	4.42″							
YAZ312TC38FX	1	250 Flex 637/24 CLASS I, K, M	150	3/8″	1″	1.28″	2.00″	.18″	4.45″		W30VT (4)	W30VT (4) W30RT (4)	U30RT (4)	White	17	2-1/16″
YAZ312TC14E2FX	1			1/4″	3/4″	1.29″	2.00″	.18″	4.02″							
YAZ322TC38FX	1	775/24 313.1 kcmil	185	3/8″	1″	1.55″	2.12″	.19″	4.62″		W31VT (4)	W31VT (4) W31RT (4)	U31RT (4)	Red	18	2-3/16″
YAZ342TC14E2FX	1	373.3 kcmil 925/24 (350 kcmil nom.)	240	1/4″	3/4″	1.55″	2.25″	.23″	4.42″		W32VT (4)	W32VT (4) W32RT (4)	U32RT (4)	Blue	19	2-5/16″
YAZ342NT38FX	1			3/8″	1″	.96″	2.25″	.23″	4.85″							
YAZ342TC38FX	1			3/8″	1″	1.55″	2.25″	.23″	4.85″							
YAZ342NTCFX	1			1/2″	1-3/4″	1.55″	2.25″	.23″	6.04″							
YAZ362TC38FX	1	1100/24 444.4 kcmil	—	3/8″	1″	1.72″	2.69″	.27″	5.55″		—	—	U34RT (4)	Brown	20	2-3/4″
YAZ382NT38FX	1	535.3 kcmil 1325/24 (500 kcmil nom.)	300	3/8″	1″	1.63″	2.81″	.27″	5.72″		—	—	U38XRT (4)	Pink	L99	2-7/8″
YAZ382TC38FX	1			3/8″	1″	1.81″	2.81″	.27″	5.72″							
YAZ382NNTFX	1			1/2″	1-3/4″	1.63″	2.81″	.27″	6.72″							
YAZ382NTCFX	1			1/2″	1-3/4″	1.84″	2.81″	.27″	6.72″							
YAZ402NTCFX	1	646 kcmil 1600/24 650 kcmil Flex	—	1/2″	1-3/4″	1.93″	2.94″	.30″	6.89″	Y644HS (1) Y644MBH (1)	U39RT (4)		U39RT (4)	Black	24	3″
YAZ442NT38FX	1	750 Flex 1925/24 Str. 777.7 kcmil	—	3/8″	1″	1.63″	3.00″	.33″	6.08″				U44XRT (4)	Yellow	L115	3-1/16″

* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™.
** The MM² conductor size referenced here is for both Class 2 and Class 5 conductor.
*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.

▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connecotrs. For nest/indentor system contact factory.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

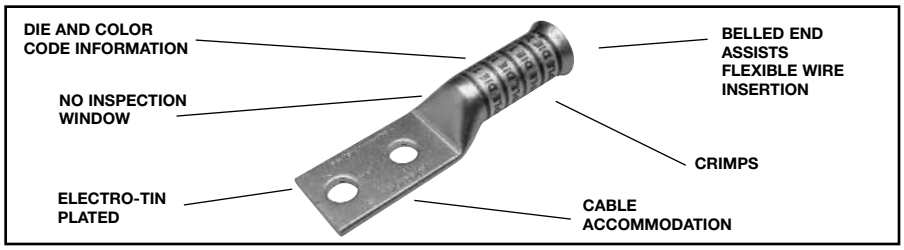
TWO HOLE HYLUG™ FLEX CONDUCTOR LONG BARREL BELLED END

TYPES YA-2TC-FXB, YAV-2TC-FXB

COPPER COMPRESSION TERMINAL

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



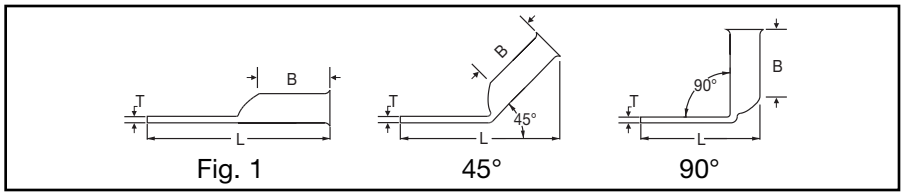


Fig. 1 45° 90°

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	(T)	(L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA8C2TC14E2-FXB	1	37/24 #8 Weld #8 AWG	** 10	1/4″	3/4″	.41″	.90″	.08″	2.54″	Y8MRB-1 (2) Y1MRTC (2) MY29-11 (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W8CRT (2) W8CVT (2) X8CRT (2)	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (2)	Red	49	1″
YA8C2TC38-FXB	1			3/8″	1″	.57″	.90″	.06″	2.98″							
YAV6C2TC14E2-FXB	1	61/24 #6 Weld #6 AWG	** 16	1/4″	3/4″	.48″	1.22″	08″	2.88″	Y1MRTC (2) MY29-11 (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W5CVT (2) W5CRT (2) X5CRT (2)	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	Blue	7	1-5/16″
YAV6C2TC14-FXB	1			1/4″	5/8″	.48″	1.22″	.08″	2.76″							
YAV6C2TC38-FXB	1			3/8″	1″	.60″	1.22″	.06″	3.32″							
YAV6C2N-FXB	1			1/2″	1-3/4″	.77″	1.22″	.04″	4.51″							
YAV5C2TC14-FXB	1	#5 AWG	—	1/4″	5/8″	.44″	1.22″	.07″	2.76″	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)						
YAV4C2TC14E2-FXB	1	91/24 - 105/24 #4 Weld #4 AWG	—	1/4″	3/4″	.55″	1.22″	.09″	2.93″	Y1MRTC (4) MY29-11 (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2)	Gray	8	1-5/16″
YAV4C2TC14-FXB	1			1/4″	5/8″	.55″	1.22″	.09″	2.81″							
YAV4C2TC516-FXB	1			5/16″	1″	.55″	1.22″	.09″	3.24″							
YAV4C2TC38-FXB	1			3/8″	1″	.63″	1.22″	.09″	3.37″							
YAV4C2N-FXB	1			1/2″	1-3/4″	.77″	1.22″	.09″	4.56″							
YA3C2TC516-FXB	1	105/24 - 125/24 #3 Weld #3 AWG	—	5/16″	1″	.55″	1.48″	.09″	3.51″	MY29-11 (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W3CRT (2)	W3CRT (2)	U3CRT (2)	White	9	1-9/16″
YA3C2TC38-FXB	1			3/8″	1″	.58″	1.48″	.09″	3.64″							
YA3C2N-FXB	1			1/2″	1-3/4″	.77″	1.48″	.09″	4.83″							
YAV2C2TC14-FXB	1	125/24 - 150/24 #2 Weld #2 AWG	35	1/4″	5/8″	.67″	1.35″	.10″	3.00″		W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	1-7/16″
YAV2C2TC14E2-FXB	1			1/4″	3/4″	.67″	1.35″	.10″	3.13″							
YAV2C2TC14E1-FXB	1			1/4″	1″	.67″	1.35″	.10″	3.38″							
YAV2C2TC516-FXB	1			5/16″	1″	.67″	1.35″	.10″	3.44″							
YAV2C2TC38-FXB	1			3/8″	1″	.67″	1.35″	.10″	3.57″							
YAV2C2N-FXB	1			1/2″	1-3/4″	.77″	1.35″	.09″	4.76″							
YAV1C2TC38-FXB	1	175/24 - 225/24 #1 Weld #1 AWG	—	3/8″	1″	.75″	1.50″	.12″	3.74″		W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	U1CRT-1 (2)	Green	11	1-9/16″
YAV1C2N-FXB	1			1/2″	1-3/4″	.77″	1.50″	.12″	4.92″							

Consult cable manufacturers for stress relief instructions.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™.
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*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.
‡ P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adapter not required.
Note: All dimensions shown are for reference only.
▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors.
Consult shielded cable manufacturers for stress relief instructions.

Blue highlighted items are industry standard and most frequently ordered.

TWO HOLE HYLUG™ FLEX CONDUCTOR LONG BARREL BELLED END
(Continued)

UL Listed 90° C,
600 Volts to 35 kV ◆



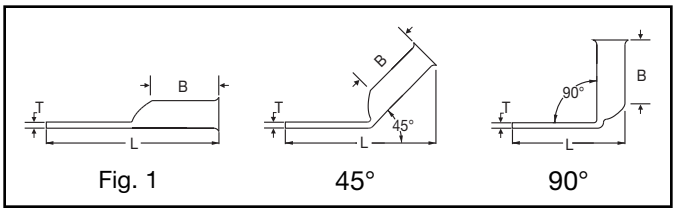


Fig. 1 45° 90°

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAV252TC14-FXB	1	275/24 1/0 Weld 1/0 AWG	50	1/4″	5/8″	.83″	1.50″	.12″	3.21″	MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W25RT (4) W25VT (4) X25RT (4)	W25RT (4) W25VT (4) X25RT (4)	U25RT (2)	Pink	12	1-9/16″
YAV252TC14E2-FXB	1			1/4″	3/4″	.83″	1.50″	.12″	3.34″							
YAV252TC38-FXB	1			3/8″	1″	.83″	1.50″	.12″	3.78″							
YAV252N-FXB	1			1/2″	1-3/4″	.83″	1.50″	.12″	4.96″							
YAV262TC14-FXB	1	325/24 2/0 Weld 2/0 AWG	70	1/4″	5/8″	.93″	1.63″	.13″	3.40″		W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13	1-13/16″
YAV262TC14E2-FXB	1			1/4″	3/4″	.93″	1.63″	.13″	3.52″							
YAV262TC38-FXB	1			3/8″	1″	.93″	1.63″	.13″	3.96″							
YAV262NTC38-FXB	1			3/8″	1-3/4″	.93″	1.63″	.13″	4.71″							
YAV262N-FXB	1			1/2″	1-3/4″	.93″	1.63″	.13″	5.15″							
YAV272TC14E2-FXB	1	450/24 3/0 Weld 3/0 AWG	95	1/4″	3/4″	1.02″	1.64″	.14″	3.58″		W27RT (4) W27VT (4) X27RT (4)	W27RT (4) W27VT (4) X27RT (4)	U27RT (2)	Orange	14	1-13/16″
YAV272TC38-FXB	1			3/8″	1″	1.02″	1.64″	.14″	4.01″							
YAV272N-FXB	1			1/2″	1-3/4″	1.02″	1.64″	.14″	5.20″							
YAV282TC14E2-FXB	1	550/24 4/0 Weld 4/0 AWG	** 120	1/4″	3/4″	1.14″	1.77″	.14″	3.76″		W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15	1-7/8″
YAV282NT38-FXB	1			3/8″	1″	.75″	1.77″	.14″	4.20″							
YAV282TC38-FXB	1			3/8″	1″	1.14″	1.77″	.14″	4.20″							
YAV282NTC38-FXB	1			3/8″	1-3/4″	1.14″	1.77″	.14″	4.20″							
YAV282N-FXB	1			1/2″	1-3/4″	1.14″	1.77″	.14″	5.39″							
YAV292TC14E2-FXB	1	550/24 4/0 Weld	—	1/4″	3/4″	1.14″	2.00″	.15″	3.76″	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W29VT (4) X29RT (6)	W29VT (4) W29RT (4) X29RT (6)	U29RT (2)	Yellow	16	1-7/8″
YAV292NT38-FXB	1			3/8″	1″	.75″	2.00″	.15″	4.20″							
YAV292TC38-FXB	1			3/8″	1″	1.14″	2.00″	.15″	4.20″							
YAV292NTC38-FXB	1			3/8″	1-3/4″	1.14″	2.00″	.15″	4.20″							
YAV292N-FXB	1			1/2″	1-3/4″	1.14″	2.00″	.15″	5.39″							
YA302N-FXB	1	250 Flex - CLASS G 259 Str. CLASS H 427 Str.	—	1/2″	1-3/4″	1.20″	2.12″	.16″	5.80″							
YA312TC38-FXB	1	250 Flex 637/24 CLASS I, K, M	150	3/8″	1″	1.29″	2.18″	.18″	4.66″		W30VT (4)	W30RT (4) W30VT (4)	U30RT (4)	White	17	2-1/4″
YA312N-FXB	1			1/2″	1-3/4″	1.29″	2.18″	.18″	5.85″							
YA322TC38-FXB	1	775/24 313.1 kcmil	185	3/8″	1″	1.40″	2.32″	.19″	4.85″		W31VT (4)	W31RT (4) W31VT (4)	U31RT (4)	Red	18	2-1/4″
YA322N-FXB	1			1/2″	1-3/4″	1.40″	2.32″	.19″	6.04″							
YA342TC38-FXB	1	925/24 373.7 kcmil (350 kcmil nom.)	240	3/8″	1″	1.55″	2.48″	.23″	5.10″		W32VT (4)	W32VT (4) W32RT (4)	U32RT (4)	Blue	19	2-9/16″
YA342N-FXB	1			1/2″	1-3/4″	1.55″	2.48″	.23″	6.29″							
YA362MFXB	1	1100/24 444.4 kcmil (450 nom.)	—	1/2″	1-3/4″	1.73″	2.95″	.26″	6.84″				U34RT (4)	Brown	20	3-1/16″
YA382TC38-FXB	1	1325/24 535.3 kcmil (500 kcmil nom.)	300	3/8″	1″	1.84″	3.08″	.26″	6.01″		—	—	U38XRT (4)	Pink	L99	3-3/16″
YA382N-FXB	1			1/2″	1-3/4″	1.84″	3.08″	.26″	7.01″							
YA382-FXBG2	1			3/8″	2″	1.84″	3.08″	.27″	6.82″							
YA382-FXBG3	1			1/2″	1-3/16″	1.84″	3.08″	.27″	6.26″							

Consult cable manufacturers for stress relief instructions.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™.
** The MM² conductor sizes referenced here are for both Class 2 and Class 5 conductors.
*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.
‡ P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adapter not required.
▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

TWO HOLE HYLUG™ FLEX CONDUCTOR LONG BARREL BELLED END
(Continued)

UL Listed 90° C,
600 Volts to 35 kV ◆



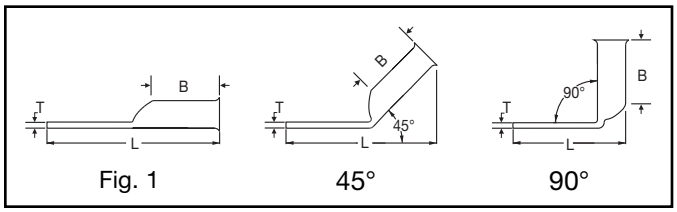


Fig. 1 45° 90°

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA402N-FXB	1	1600/24 646 kcmil	400	1/2″	1-3/4″	1.98″	3.24″	.30″	7.22″	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	—	—	U39RT (4)	Black	24	3-5/16″
YA442TC38-FXB	1	1925/24 777.7 kcmil (750 kcmil nom.)	500	3/8″	1″	2.19″	3.33″	.33″	6.44″		—	—	U44XRT (4)	Yellow	L115	3-7/16″
YA442N-FXB	1			1/2″	1-3/4″	2.19″	3.33″	.33″	7.44″							
YA462N-FXB	1	2750/24 1111 kcmil (1000 kcmil nom.)	—	1/2″	1-3/4″	2.69″	3.58″	.39″	7.91″		—	—	P45RT (4)**	Yellow	29	3-11/16″

Consult cable manufacturers for stress relief instructions.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™.
** The MM² conductor sizes referenced here are for both Class 2 and Class 5 conductors.
*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.
‡ P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adapter not required.
▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors.
Note: All dimensions shown are for reference only.

TWO HOLE HYLUG™ FLEX CONDUCTOR LONG BARREL NARROW TONGUE

TYPES YAZ-2-NTFX, YAZV-2NTFX

COPPER COMPRESSION NARROW TONGUE TERMINAL

UL Listed 90° C
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



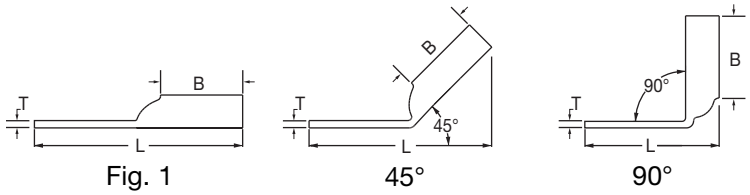


Fig. 1 45° 90°

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	▲ Installation Tooling: Mechanical MD6, OUR840, MD7-34R	▲ Installation Tooling: Hydraulic BCT500HS, Y500CTHS	▲ Installation Tooling: Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAZV4C2NT14E2FX	1	#4 AWG #4 Weld 91/24 105/24	—	1/4″	0.75″	0.44″	1.25″	0.09″	2.95″	Y1MRTC (4) MY29-11 (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2)	Gray	8	1-5/16″
YAZV2C2NT14E2FX	1	#2 AWG #2 Weld 125/24 150/24	35	1/4″	0.75″	0.50″	1.38″	0.10″	3.14″	Y1MRTC (4) MY29-11 (4) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	1-7/16″
YAZV282NT38FX	1	4/0 AWG 4/0 Weld 550/24	—	3/8″	1.00″	0.94″	1.62″	0.17″	3.96″	MY29-11 (2) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15	1-11/16″
YAZV292NT516FX	1	4/0 Flex Class I,K,M	—	5/16″	1.00″	0.96″	2.00″	0.16″	4.28″	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W29VT (4) X29RT (8)	W29RT (4) W29VT (4) X29RT (8)	U29RT (2)	Yellow	16	2-1/16″
YAZ342NT38FX	1	373.7 kcmil 925/24 350 Flex	240	3/8″	1.00″	0.96″	2.25″	0.23″	4.85″	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W32VT (4)	W32VT (4) W32RT (4)	U32RT (4)	Blue	19	2-5/16″
YAZ382ENT38FX	1	535.3 kcmil 1325/24 500 Flex	300	3/8″	1.00″	1.46″	2.81″	0.27″	5.72″	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	—	U38XRT (4)	Pink	L99	2-7/8″

Consult cable manufacturers for stress relief instructions.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™.
▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors.

Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

TWO HOLE HYLUG™ FLEX CONDUCTOR LONG BARREL NARROW TONGUE
(Continued)

UL Listed 90° C,
600 Volts to 35 kV ◆



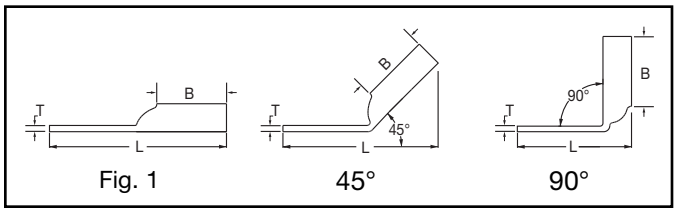


Fig. 1 45° 90°

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Please contact Customer Service to order:
1-800-346-4175

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAZ382NNTFX	1	535.3 kcmil 1325/24 500 Flex	300	1/2″	1.75″	1.62″	2.81″	0.27″	6.72″	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	—	U38XRT (4)	Pink	L99	2-7/8″
YAZ382NT38FX	1	535.3 kcmil 1325/24 500 Flex	300	3/8″	1.00″	1.62″	2.81″	0.27″	5.72″	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	—	U38XRT (4)	Pink	L99	2-7/8″
YAZ442NT38FX	1	777.7 kcmil 1925/24 750 Flex	500	3/8″	1.00″	1.62″	3.00″	0.33″	6.09″	—	—	—	U44XRT (4)	Yellow	L115	3-1/16″

Consult cable manufacturers for stress relief instructions.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

* Use PUADP-1 adaptor with U -dies in Y46 HYPRESS™.
▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors.

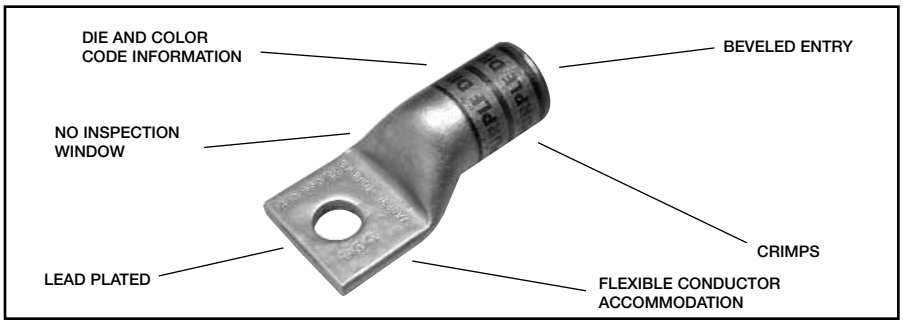
Note: All dimensions shown are for reference only.

ONE HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL LEAD PLATED

TYPE YAG-L-TC-LD

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



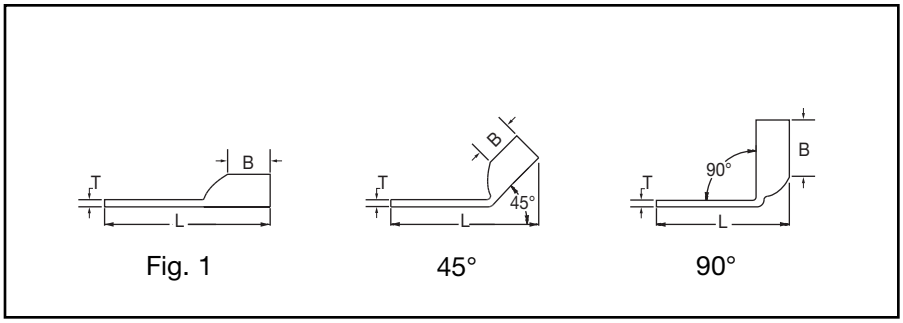


Fig. 1 45° 90°

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	(T)	(L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAG18TC516LD	1	22-18 AWG		5/16″	.52″	.25″	.06″	1.42″	MR20 (1)				—	—	1/4″
YAG8CLTC10LD	1	37/24 #8 Weld 8 AWG	** 10	#10	.41″	.44″	.08″	1.19″	MY29-11 (1) Y1MRTC (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W8CVT (1) W8CRT (1) X8CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	U8CRT (1)	Red	49	7/16″
YAG8CLTC14LD	1			1/4″	.44″	.44″	.08″	1.32″							
YAG8CLTC516LD	1			5/16″	.52″	.44″	.06″	1.38″							
YAG8CLTC38LD	1			3/8″	.58″	.44″	.06″	1.51″							
YAG8CLTC12LD	1			1/2″	.71″	.44″	.05″	1.76″							
YAG6CLTC10LD	1	61/24 #6 Weld #6 AWG	** 16	#10	.41″	.50″	.08″	1.30″	Y1MRTC (1) MY29-11 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W5CVT (1) W5CRT (1) X5CRT (1)	W5CVT (1) W5CRT (1) X5CRT (1)	U5CRT (1)	Blue	7	1/2″
YAG6CLTC14LD	1			1/4″	.48″	.50″	.08″	1.43″							
YAG6CLTC516LD	1			5/16″	.52″	.50″	.07″	1.49″							
YAG6CLTC38LD	1			3/8″	.58″	.50″	.06″	1.61″							
YAG6CLTC12LD	1			1/2″	.75″	.50″	.12″	1.86″							
YAG4CLTC10LD	1	91/24 - 105/24 #4 Weld 4 AWG	—	#10	.55″	.50″	.09″	1.36″	Y1MRTC (2) MY29-11 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W4CVT (1) W4CRT (1) X4CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	U4CRT (1)	Gray	8	1/2″
YAG4CLNT10LD	1			#10	.41″	.50″	.09″	1.36″							
YAG4CLTC14LD	1			1/4″	.55″	.50″	.09″	1.48″							
YAG4CLTC516LD	1			5/16″	.55″	.50″	.08″	1.55″							
YAG4CLTC38LD	1			3/8″	.58″	.50″	.08″	1.67″							
YAG4CLTC12LD	1			1/2″	.71″	.50″	.07″	1.92″							
YAG2CLTC10LD	1	125/24 #2 Weld 2 AWG	35	#10	.68″	.63″	.10″	1.52″	Y1MRTC (2) MY29-11 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W2CRT (1) W2CVT (1) X2CRT (1)	W2CRT (1) W2CVT (1) X2CRT (1)	U2CRT (1)	Brown	10	11/16″
YAG2CLTC14LD	1			1/4″	.68″	.63″	.10″	1.64″							
YAG2CLTC516LD	1			5/16″	.68″	.63″	.10″	1.70″							
YAG2CLTC38LD	1			3/8″	.68″	.63″	.10″	1.83″							
YAG2CLTC12LD	1			1/2″	.73″	.63″	.10″	2.12″							
YAG1CLTC10LD	1	225/24 175/24 - #1 Weld 1 AWG	—	#10	.75″	.69″	.12″	1.61″	MY29-11 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	U1CRT-1 (1)	Green	11	11/16″
YAG1CLTC14LD	1			1/4″	.75″	.69″	.12″	1.73″							
YAG1CLTC516LD	1			5/16″	.75″	.69”	.12″	1.80″							
YAG1CLTC38LD	1			3/8″	.75″	.69″	.12″	1.92″							
YAG1CLTC12LD	1			1/2″	.75″	.69″	.12″	2.17″							

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™
** The MM² conductor size referenced here is for both Class 2 and Class 5 conductor.
*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.

▲ See tooling section of this catalog for complete tool and die listings.
† Alternate Tooling includes Y8MRB-1, MY29-11

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

ONE HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL LEAD PLATED
(Continued)

UL Listed 90° C,
600 Volts to 35 kV ◆



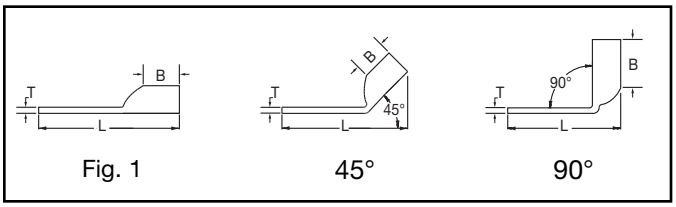


Fig. 1 45° 90°

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAG25LTC14LD	1	275/24 1/0 Weld 1/0 AWG	50	1/4″	.83″	.69″	.12″	1.77″	MY29-11 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W25RT (2) W25VT (2) X25RT (2)	W25RT (2) W25VT (2) X25RT (2)	U25RT (1)	Pink	12	11/16″
YAG25LTC516LD	1			5/16″	.83″	.69″	.12″	1.84″							
YAG25LTC38LD	1			3/8″	.83″	.69″	.12″	1.96″							
YAG25LTC12LD	1			1/2″	.83″	.69″	.12″	2.21″							
YAG26LTC10LD	1	325/24 2/0 Weld 2/0 AWG	70	#10	.93″	.81″	.13″	1.82″	MY29-11 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W26VT (2) W26RT (2) X26RT (2)	W26VT (2) W26RT (2) X26RT (2)	U26RT (1)	Black	13	13/16″
YAG26LTC14LD	1			1/4″	.93″	.81″	.13″	1.95″							
YAG26LTC516LD	1			5/16″	.93″	.81″	.13″	2.01″							
YAG26LTC38LD	1			3/8″	.93″	.81″	.13″	2.13″							
YAG26LTC12LD	1			1/2″	.93″	.81″	.13″	2.38″							
YAG26LTC58LD	1			5/8″	.93″	.81″	.13″	2.63″							
YAG26LTC34LD	1			3/4″	.93″	.81″	.11″	2.89″							
YAG27LTC10LD	1	450/24 3/0 Weld 3/0 AWG	95	#10	1.03″	1.00″	.14″	2.05″	MY29-11 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W27VT (2) X27RT (3) W27RT (2)	W27VT (2) X27RT (3) W27RT (2)	U27RT (1)	Orange	14	1″
YAG27LTC14LD	1			1/4″	1.03″	1.00″	.14″	2.18″							
YAG27LTC516LD	1			5/16″	1.03″	1.00″	.14″	2.24″							
YAG27LTC38LD	1			3/8″	1.03″	1.00″	.14″	2.37″							
YAG27LTC12LD	1			1/2″	1.03″	1.00″	.14″	2.62″							
YAG28LTC14LD	1	550/24 4/0 Weld 4/0 AWG	** 120	1/4″	1.14″	1.03″	.15″	2.26″	MY29-11 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W28VT (2) X28RT (3) W28RT (2)	W28VT (2) X28RT (3) W28RT (2)	U28RT (1)	Purple	15	1-1/16″
YAG28LTC516LD	1			5/16″	1.14″	1.03″	.15″	2.32″							
YAG28LTC516N66LD	1			5/16″	1.14″	1.03″	.15″	2.64″							
YAG28LTC38LD	1			3/8″	1.14″	1.03″	.15″	2.45″							
YAG28LTC12LD	1			1/2″	1.14″	1.03″	.15″	2.70″							
YAG28LTC58LD	1			5/8″	1.14″	1.03″	.15″	2.95″							
YAG29LTC516LD	1	550/24 4/0 Weld	—	5/16″	1.14″	1.03″	.16″	2.32″	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W29VT (2) X29RT (4)	W29VT (2) X29RT (4) W29RT (2)	U29RT (1)	Yellow	16	1-1/16″
YAG29LTC38LD	1			3/8″	1.14″	1.03″	.16″	2.45″							
YAG29LTC12LD	1			1/2″	1.14″	1.03″	.16″	2.70″							
YAG29LTC34LD	1			3/4″	1.14″	1.03″	.16″	3.14″							
YAG30LTC58LD	1	250 Flex CLASS G - 259 Str.	—	5/8″	1.20″	1.03″	.16″	2.97″							
YAG30LTC34LD	1	CLASS H - 427 Str.		3/4″	1.20″	1.03″	.16″	3.16″							
YAG31LTC14LD	1	637/259 250 Flex CLASS I, K, M	150	1/4″	1.29″	1.06″	.18″	2.35″		W30VT (2)	W30VT (2) W30RT (2)	U30RT (2)	White	17	1-1/8″
YAG31LTC516LD	1			5/16″	1.29″	1.06″	.18″	2.41″							
YAG31LTC38LD	1			3/8″	1.29″	1.06″	.18″	2.53″							
YAG31LTC12LD	1			1/2″	1.29″	1.06″	.18″	2.78″							
YAG31LNT12LD	1			1/2″	.96″	1.06″	.18″	2.78″							
YAG31LTC58LD	1			5/8″	1.29″	1.06″	.18″	3.03″							
YAG31LTC34LD	1			3/4″	1.29″	1.06″	.18″	3.22″							
YAG32LTC38LD	1	775/24-300 Flex 313.1 kcmil	185	3/8″	1.40″	1.19″	.19″	2.72″		W31VT (2)	W31VT (2) W31RT (2)	U31RT (2)	Red	18	1-1/4″
YAG32LTC12LD	1			1/2″	1.40″	1.19″	.19″	2.97″							
YAG32LTC58LD	1			5/8″	1.40″	1.19″	.19″	3.22″							

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™
*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.
▲ See tooling section of this catalog for complete tool and die listings.
† Alternate Tooling includes Y8MRB-1, MY29-11
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

ONE HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL LEAD PLATED
(Continued)

UL Listed 90° C,
600 Volts to 35 kV ◆



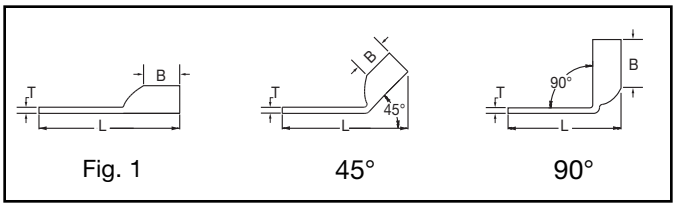


Fig. 1 45° 90°

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	(T)	(L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAG34LTC516LD	1	925/24-350 Flex 373.7 kcmil	240	5/16″	1.55″	1.27″	.23″	2.78″	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W32VT (2)	W32VT (2) W32RT (2)	U32RT (2)	Blue	19	1-5/16″
YAG34LTC516N66LD	1			5/16″	1.55″	1.27″	.23″	3.09″							
YAG34LNT516N66LD	1			3/8″	.96″	1.27″	.23″	3.09″							
YAG34LTC38LD	1			3/8″	1.55″	1.27″	.23″	2.91″							
YAG34LTC12LD	1			1/2″	1.55″	1.27″	.23″	3.16″							
YAG34LTC58LD	1			5/8″	1.55″	1.27″	.23″	3.41″							
YAG36LTC12LD	1	1100/24-450 Flex 444.4 kcmil		1/2″	1.73″	1.38″	.27″	3.34″		—	—	U34RT (2)	Brown	20	1-3/8″
YAG36LTC58LD	1			5/8″	1.73″	1.38″	.27″	3.59″							
YAG38LTC516LD	1	1325/24 500 Flex 535.3 kcmil	300	5/16″	1.84″	1.45″	.27″	3.08″		—	—	U38XRT (2)	Pink	L99	1-7/16″
YAG38LTC38LD	1			3/8″	1.84″	1.45″	.27″	3.39″							
YAG38LTC12LD	1			1/2″	1.84″	1.45″	.27″	3.46″							
YAG38LTC58LD	1			5/8″	1.84″	1.45″	.27″	3.71″							
YAG40LTC516LD	1	1600/24-646 kcmil 650 Flex	400	5/16″	1.96″	1.42″	.30″	3.11″	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	—	U39RT (2)	Black	24	1-5/16″
YAG40LTC38LD	1			3/8″	1.96″	1.42″	.30″	3.42″							
YAG40LTC12LD	1			1/2″	1.96″	1.42″	.30″	3.48″							
YAG40LTC58LD	1			5/8″	1.96″	1.42″	.30″	3.73″							
YAG44LTC12LD	1	1925/24 750 Flex 777.7 kcmil	500	1/2″	2.18″	1.65″	.33″	3.85″		—	—	U44XRT (2)	Yellow	L115	1-5/8″
YAG44LTC58LD	1			5/8″	2.18″	1.65″	.33″	4.10″							

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™
*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.
▲ See tooling section of this catalog for complete tool and die listings.
† Alternate Tooling includes Y8MRB-1, MY29-11
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
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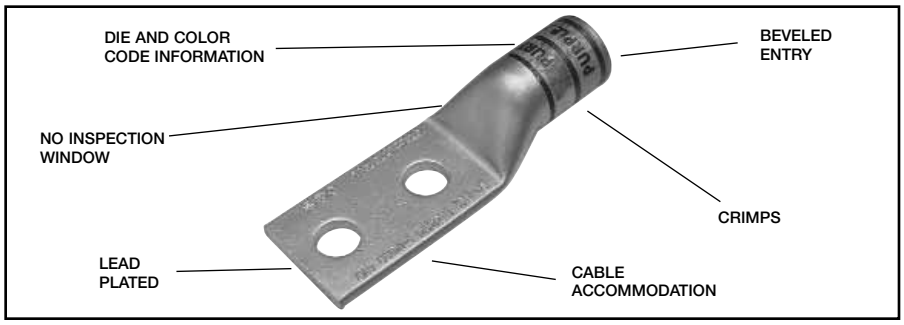
TWO HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL LEAD PLATED

TYPE YAG-L-2TC-LD

COPPER COMPRESSION TERMINAL

UL Listed 90° C,
600 Volts to 35 kV ◆

45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175



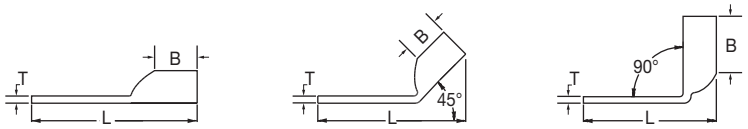


Fig. 1 45° 90°

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	(T)	(L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, 0UR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAG8CL-2TC14-LD	1	#8 Weld 37/24 #8 AWG	** 10	1/4″	5/8″	.41″	.44″	.08″	1.95″	MRC840 (1) MY29-3 (1)	W8CVT	W8CVT	U8CRT	Red	49	1/2″
YAG8CL-2TC38-LD	1			3/8″	1″	.57″	.44″	.06″	2.52″	MY29-11 (1) Y8MRB-1 (1) Y1MRTC (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W8CVT (1) W8CRT (1) X8CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	U8CRT (1)	Red	49	7/16″
YAG8CL-2TC10-LD	1			#10	5/8″	.41″	.44″	.08″	1.84″							
YAG8CL-2TC14E1-LD	1			1/4″	1″	.44″	.44″	.08″	2.33″							
YAG8CL-2TC14E2-LD	1			1/4″	3/4″	.44″	.44″	.08″	2.08″							
YAG6CL-2TC10-LD	1	#6 Weld 61/24 #6 AWG	** 16	#10	5/8″	.44″	.50″	.07″	1.94″	MY29-11 (1) Y1MRTC (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W5CVT (1) W5CRT (1) X5CRT (1)	W5CVT (1) W5CRT (1) X5CRT (1)	U5CRT (1)	Blue	7	1/2″
YAG6CL-2TC10E2-LD	1			#10	3/4″	.48″	.50″	.08″	2.06″							
YAG6CL-2TC10E4-LD	1			#10	11/16″	.44″	.50″	.07″	2.00″							
YAG6CL-2TC10E-LD	1			#10	1/2″	.48″	.50″	.08″	1.81″							
YAG6CL-2TC14-LD	1			1/4″	5/8″	.48″	.50″	.08″	2.06″							
YAG6CL-2TC14E1-LD	1			1/4″	1″	.48″	.50″	.08″	2.44″							
YAG6CL-2TC14E2-LD	1			1/4″	3/4″	.48″	.50″	.08″	2.18″							
YAG6CL-2TC516-LD	1			5/16″	1″	.52″	.50″	.07″	2.50″							
YAG6CL-2TC38-LD	1			3/8″	1″	.58″	.50″	.06″	2.62″							
YAG6CL-2NTC-LD	1			1/2″	1-3/4″	.83″	.50″	.12″	3.81″							
YAG4CL-2NT10-LD	1	#4 Weld 91/24 105/24 #4 AWG	—	#10	5/8″	.41″	.50″	.09″	1.99″	MY29-11 (1) Y1MRTC (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W4CVT (1) W4CRT (1) X4CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	U4CRT (1)	Gray	8	1/2″
YAG4CL-2NT10E1-LD	1			#10	1″	.41″	.50″	.09″	2.37″							
YAG4CL-2TC14-LD	1			1/4″	5/8″	.55″	.50″	.09″	2.11″							
YAG4CL-2TC14E2-LD	1			1/4″	3/4″	.55″	.50″	.09″	2.24″							
YAG4CL-2TC14E1-LD	1			1/4″	1″	.55″	.50″	.09″	2.49″							
YAG4CL-2TC38-LD	1			3/8″	1″	.58″	.50″	.08″	2.68″							
YAG4CL-2TC516-LD	1			5/16″	1″	.55″	.50″	.09″	2.56″							
YAG4CL-2NTC-LD	1			1/2″	1-3/4″	.83″	.50″	.12″	3.87″							
YAG2CL-2TC14-LD	1	#2 Weld 125/24 150/24 #2 AWG	35	1/4″	5/8″	.68″	.63″	.10″	2.28″		W2CVT (1) W2CRT (1) X2CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	U2CRT (1)	Brown	10	11/16″
YAG2CL-2TC14E1-LD	1			1/4″	1″	.68″	.63″	.10″	2.63″							
YAG2CL-2TC14E2-LD	1			1/4″	3/4″	.68″	.63″	.10″	2.40″							
YAG2CL-2TC38-LD	1			3/8″	1″	.68″	.63″	.10″	2.84″							

* Use PUADP-1 adapter with U dies in Y46 Hypress™.
** The MM² conductor size referenced here is for both Class 2 and Class 5 conductor.
*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

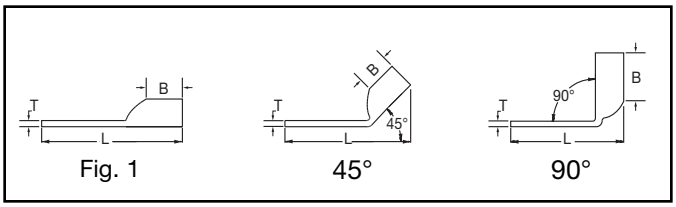
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

TWO HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL LEAD PLATED
(Continued)

UL Listed 90° C,
600 Volts to 35 kV ◆





45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	(T)	(L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAG2CL-2TC516-LD	1	#2 Weld 125/24 150/24 #2 AWG	35	5/16″	1″	.68″	.63″	.10″	2.71″	MY29-11 (1) Y1MRTC (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W2CVT (1) W2CRT (1) X2CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	U2CRT (1)	Brown	10	11/16″
YAG2CL-2NTC-LD	1			1/2″	1-3/4″	.83″	.63″	.08″	4.03″							
YAG1CL-2TC14-LD	1	#1 Weld 175/24 225/24 #1 AWG	—	1/4″	5/8″	.75″	.69″	.12″	2.37″	MY29-11 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	U1CRT-1 (1)	Green	11	11/16″
YAG1CL-2TC14E2-LD	1			1/4″	3/4″	.75″	.69″	.12″	2.49″							
YAG1CL-2TC14E1-LD	1			1/4″	1″	.75″	.69″	.12″	2.73″							
YAG1CL-2TC516-LD	1			5/16″	1″	.75″	.69″	.12″	2.81″							
YAG1CL-2TC38-LD	1			3/8″	1″	.75″	.69″	.12″	2.93″							
YAG1CL-2NTC-LD	1			1/2″	1-3/4″	.83″	.69″	.11″	4.12″							
YAG25L-2TC14-LD	1	1/0 Weld 275/24 1/0 AWG	50	1/4″	5/8″	.83″	.69″	.12″	2.41″		W25VT (2) W25RT (2) X25RT (2)	W25VT (2) W25RT (2) X25RT (2)	U25RT (1)	Pink	12	11/16″
YAG25L-2TC14E2-LD	1			1/4″	3/4″	.83″	.69″	.12″	2.53″							
YAG25L-2TC516E2-LD	1			5/16″	3/4″	.83″	.69″	.12″	2.60″							
YAG25L-2TC516-LD	1			5/16″	1″	.83″	.69″	.12”	2.85″							
YAG25L-2TC38-LD	1			3/8″	1″	.83″	.69″	.12″	2.97″							
YAG25L-2NTC-LD	1			1/2″	1-3/4″	.83″	.69″	.12″	4.16″							
YAG25L-2TC12E1-LD	1			1/2″	1″	.83″	.69″	.12″	3.22″							
YAG26L-2TC14-LD	1	2/0 Weld 325/24 2/0 AWG	70	1/4″	5/8″	.93″	.81″	.13″	2.58″		W26RT (2) W26VT (2) X26RT (2)	W26RT (2) W26VT (2) X26RT (2)	U26RT (1)	Black	13	13/16″
YAG26L-2TC14E2-LD	1			1/4″	3/4″	.93″	.81″	.13″	2.71″							
YAG26L-2TC516-LD	1			5/16″	1″	.93″	.81″	.13″	3.02″							
YAG26L-2TC38-LD	1			3/8″	1″	.93″	.81″	.13″	3.14″							
YAG26L-2NTC-LD	1			1/2″	1-3/4″	.93″	.81″	.13″	4.33″							
YAG27L-2TC14-LD	1	3/0 Weld 450/24 3/0 AWG	95	1/4″	5/8″	1.03″	1.00″	.14″	2.81″	MY29-11 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W27VT (2) W27RT (2) X27RT (3)	W27VT (2) W27RT (2) X27RT (3)	U27RT (1)	Orange	14	1″
YAG27L-2TC14E2-LD	1			1/4″	3/4″	1.03″	1.00″	.14″	2.94″							
YAG27L-2TC516-LD	1			5/16″	1″	1.03″	1.00″	.14″	3.25″							
YAG27L-2TC38-LD	1			3/8″	1″	1.03″	1.00″	.14″	3.38″							
YAG27L-2NTC-LD	1			1/2″	1-3/4″	1.03″	1.00″	.14″	4.56″							
YAG28L-2TC14-LD	1	4/0 Weld 550/24 4/0 AWG	** 120	1/4″	5/8″	1.14″	1.03″	.15″	2.90″		W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/16″
YAG28L-2TC14E2-LD	1			1/4″	3/4″	1.14″	1.03″	.15″	3.02″							
YAG28L-2TC516-LD	1			5/16″	1″	1.14″	1.03″	.15″	3.33″							
YAG28L-2TC38-LD	1			3/8″	1″	1.14″	1.03″	.15″	3.46″							
YAG28L-2NT38-LD	1			3/8″	1″	.94″	1.03″	.17″	3.48″							
YAG28L-2TC12E1-LD	1			1/2″	1″	1.14″	1.03″	.17″	3.71″							
YAG28L-2TC12-LD	1			1/2″	1-1/4″	1.14″	1.03″	.17″	3.96″							
YAG28L-2NTC-LD	1			1/2″	1-3/4″	1.14″	1.03″	.15″	4.65″							
YAG29L-2TC14-LD	1	4/0 Weld 550/24	—	1/4″	5/8″	1.14″	1.03″	.16″	2.90″	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W29VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16	1-1/16″
YAG29L-2TC14E2-LD	1			1/4″	3/4″	1.14″	1.03″	.16″	3.02″							
YAG29L-2TC516-LD	1			5/16″	1″	1.14″	1.03″	.16″	3.33″							
YAG29L-2TC38-LD	1			3/8″	1″	1.14″	1.03″	.16″	3.46″							
YAG29L-2NT38-LD	1			3/8″	1″	.94″	1.03″	.16″	3.48″							

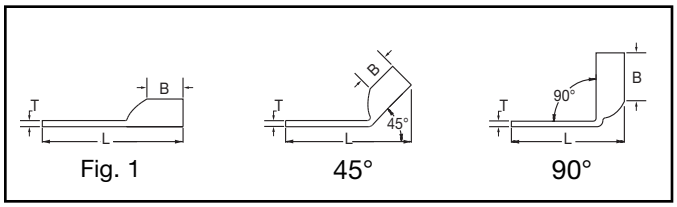
* Use PUADP-1 adapter with U dies in Y46 Hypress™.
** The 16 MM² referenced here is for both Class 2 and Class 5 conductor.
*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

TWO HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL LEAD PLATED
(Continued)

UL Listed 90° C,
600 Volts to 35 kV ◆





45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAG29L-2TC12E1-LD	1	4/0 Weld 550/24	—	1/2″	1″	1.14″	1.03″	.16″	3.71″	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W29VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16	1-1/16″
YAG29L-2TC12-LD	1			1/2″	1-1/4″	1.14″	1.03″	.16″	3.96″							
YAG29L-2NTC-LD	1			1/2″	1-3/4″	1.14″	1.03″	.16″	4.65″							
YAG30L-2TC38-LD	1	250 kcmil CLASS G 259 Str. CLASS H 427 Str.	—	3/8″	1″	1.20″	1.03″	.16″	3.48″							
YAG30L-2TC12-LD	1			1/2″	1-1/4″	1.20″	1.03″	.16″	3.98″							
YAG30L-2NTC-LD	1			1/2″	1-3/4″	1.20″	1.03″	.16″	4.67″							
YAG31L-2TC38-LD	1	250 Weld 637/24 CLASS I,K,M	150	3/8″	1″	1.29″	1.06″	.18″	3.54″		W30VT (2)	W30VT (2) W30RT (2)	U30RT (2)	White	17	1-1/8″
YAG31L-2NTC38-LD	1			3/8″	1-3/4″	1.29″	1.06″	.18″	4.30″							
YAG31L-2TC12-LD	1			1/2″	1-1/4″	1.29″	1.06″	.18″	4.04″							
YAG31L-2NTC-LD	1			1/2″	1-3/4″	1.29″	1.06″	.18″	4.73″							
YAG32L-2TC38-LD	1	775/24 313.1 kcmil	185	3/8″	1″	1.40″	1.19″	.19″	3.73″		W31VT (2)	W31VT (2) W31RT (2)	U31RT (2)	Red	18	1-1/4″
YAG32L-2NTC-LD	1			1/2″	1-3/4″	1.40″	1.19″	.19″	4.91″							
YAG34L-2TC516-LD	1	373.7 kcmil 925/24 350 kcmil CLASS I	240	5/16″	1″	1.55″	1.27″	.23″	3.79″		W32VT (2)	W32VT (2) W32RT (2)	U32RT (2)	Blue	19	1-5/16″
YAG34L-2TC38-LD	1			3/8″	1″	1.55″	1.27″	.23″	3.92″							
YAG34L-2NT38-LD	1			3/8″	1-3/4″	.96″	1.27″	.23″	4.67″							
YAG34L-2TC12-LD	1			1/2″	1-1/4″	1.55″	1.27″	.23″	4.42″							
YAG34L-2NTC-LD	1			1/2″	1-3/4″	1.55″	1.27″	.23″	5.11″							
YAG36L-2TC38-LD	1	1100/24 444.4 kcmil	—	3/8″	1″	1.73″	1.38″	.27″	4.28″		—	—	U34RT (2)	Brown	20	1-3/8″
YAG36L-2NTC-LD	1			1/2″	1-3/4″	1.73″	1.38″	.27″	5.28″							
YAG38L-2TC516-LD	1	535.3 kcmil 1325/24 500 kcmil CLASS I	300	5/16″	1″	1.82″	1.45″	.27″	4.09″		—	—	U38XRT (2)	Pink	20	1-3/8″
YAG38L-2NT38-LD	1			3/8″	1″	1.63″	1.45″	.27″	4.40″							
YAG38L-2TC38-LD	1			3/8″	1″	1.82″	1.45″	.27″	4.28″							
YAG38L-2TC12-LD	1			1/2″	1-1/4″	1.82″	1.45″	.27″	4.72″							
YAG38L-2NTC-LD	1			1/2″	1-3/4″	1.82″	1.45″	.27″	5.28″							
YAG39L-2NTC-LD	1	600 kcmil	—	1/2″	1-3/4″	1.90″	1.19″	.27″	5.29″	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	—	U38RT (2)	Purple	400	1-3/8″
YAG40L-2TC38-LD	1	646 kcmil 1600/24	400	3/8″	1″	1.98″	1.42″	.30″	4.33″		—	—	U39RT (2)	Black	24	1-5/16″
YAG40L-2NNT-LD	1		—	1/2″	1-3/4″	1.63″	1.42″	.30″	5.43″							
YAG40L-2NTC-LD	1			1/2″	1-3/4″	1.98″	1.42″	.30″	5.43″							
YAG44L-2TC38-LD	1	777.7 kcmil 1925/24 750 kcmil CLASS I	500	3/8″	1″	2.18″	1.65″	.33″	4.80″		—	—	U44XRT (2)	Yellow	L115	1-5/8″
YAG44L-2TC12-LD	1			1/2″	1-1/4″	2.18″	1.65″	.33″	5.11″							
YAG44L-2TC12E3-LD	1			1/2″	1-1/2″	2.18″	1.65″	.33″	5.36″							
YAG44L-2NTC-LD	1			1/2″	1-3/4″	2.18″	1.65″	.33″	5.80″							
YAG44L-2TC58-LD	1			5/8″	1-1/2″	2.18″	1.65″	.33″	5.61″							

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.
*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

TYPE YAS-L-2TC-FX,60

TWO HOLE HYLUG™ - DOUBLE BARREL

COPPER COMPRESSION TERMINAL

UL Listed 90° C,
600 Volts to 35 kV ◆



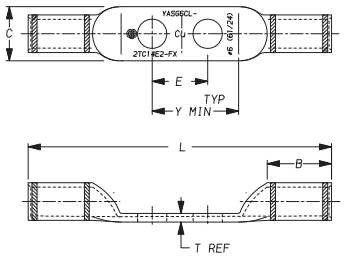


Fig. 1

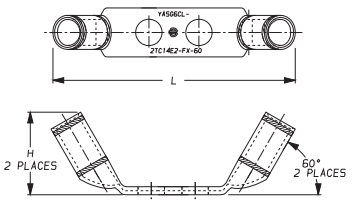


Fig. 2

Catalog Number	Conductor Flex	Conductor AWG	Conductor *** MM²	Bolt Size	Fig. No.	Dimensions B	C	E	H	L	T Ref.	Y Min.	Installation Tooling Die Index	Color Code	Mechanical MD7-34 MD6 OUR840	Mechanical Y1MRTC Y2MR Y8MRB-1	Hydraulic Y750, Y35, Y39, Y46*	Wire Strip Length
YASG6CL-2TC14E2-FX	#6 Weld 61/24	#6 AWG	16	1/4″	1	.50 (13)	.48 (12)	.75 (19)	—	3.0 (78)	.08 (2)	1.14 (29)	7 or 374	Blue	W5CVT (1) W5CRT (1)	Y2MR (1) Y1MRTC (1)	U5CRT (1)	9/16″
YASV6CL-2TC14E2-FX**	#6 Weld 61/24	#6 AWG	16	1/4″	1	.50 (13)	.48 (12)	.75 (19)	—	3.0 (78)	.08 (2)	1.14 (29)	7 or 374	Blue	W5CVT (1) W5CRT (1)	Y2MR (1) Y1MRTC (1)	U5CRT (1)	9/16″
YASV6CL-2TC14E2-FX-60**	#6 Weld 61/24	#6 AWG	16	1/4″	2	.50 (13)	.48 (12)	.75 (19)	.68 (17)	2.9 (75)	.08 (2)	1.14 (29)	7 or 374	Blue	W5CVT (1) W5CRT (1)	Y2MR (1) Y1MRTC (1)	U5CRT (1)	9/16″

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.
** Type YASV series have inspection hole.
*** The MM² conductor sizes listed are the recommendations for Class 2 and Class 5 conductor.
Note: All dimensions shown are for reference only.

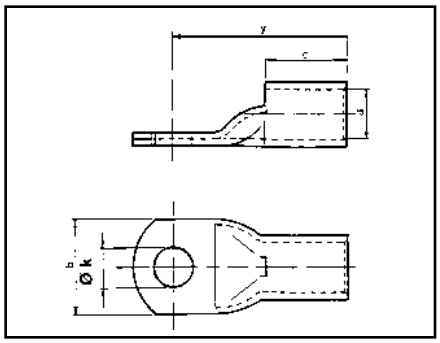
TYPE YAV

HYLUG™

NON-INSULATED COPPER TUBULAR TERMINALS 0.3 - 1000 mm²

Made from electrolytic copper tube, electro tinned. Range of copper tube formed terminals taking wires from 0.3 - 1000 mm². Heat resistant up to +125° C.





Catalog Number	mm²	Stud Size	d	y	b	c	Øk	Pack Qty.	Mechanical Tools			Hydraulic Tools				
									Tooling Number	MRD29		Y29BH Y29NC		Y35BH, Y35, Y750, Y46*, PAT750		Y644M
YAV18T4	0.3 - 1.2	3.0	1.4	13.7	4.8	6.9	3.1	100	Y10R4BY							
YAV18T5		3.5		15.5	6.1		3.7									
YAV18T1		4.0		15.5	8.0		4.3									
YAV18		5.0		15.5	8.0		5.1									
YAV025M6	1.5 - 2.5	6.0	2.3	16.7	10.4	6.9	6.4	100	Y10R4BY							
YAV14T3		8.0		17.9	11.1		8.4									
YAV04M6	2.5 - 4	6.0	2.6	16.7	9.1	6.9	6.4	100	Y10R4BY							
YAV06M35	4 - 6	3.5	3.3	17.9	7.0	9.5	3.7	50	Y10R4BY							
YAV06M4		4.0		19.4	8.0		4.3									
YAV06M5		5.0		19.9	10.0		5.3									
YAV06M6		6.0		20.9	11.0		6.4									
YAV06M8		8.0		23.4	13.0		8.4									
YAV10T38		10.0		22.5	14.2		10.5									
YAV06FM6	Flex 6	6.0	3.8	20.1	11.0	9.9	6.4	50	Y10R4BY	N	I	N	I	N	I	
YAV10M6	10	6.0	4.6	21.4	11.1	12.0	6.4	50	Y10R4BY MY2913GE2	50NC1	50PIO-25C	DV8L	Y29PL	U10C	Y35P1 + Y29PQS (Y29PQ10B1 UK)	Dieless
YAV10M8		8.0		23.4	14.3		8.4									
YAV10M10		10.0		25.4	14.3		10.5									
YAV10M12		12.0		28.4	18.5		12.3									
YAV16M6	16	6.0	5.7	23.9	12.7	14.0	6.4	50	MY2913GE2	50NC1		DV6L		U16C		
YAV16M8		8.0		25.9	15.0		8.4									
YAV16M10		10.0		27.9	15.0		10.5									
YAV16M12		12.0		30.9	18.5		13.2									
YAV25M6	25	6.0	7.2	25.7	13.9	15.0	6.4	50	MY2913GE2	50NC2		DV4L		U25C		
YAV25M8		8.0		27.7	15.9		8.4									
YAV25M10		10.0		29.7	15.9		10.5									
YAV25M12		12.0		32.7	18.5		13.2									

N = Nest die, I = Indentor

Note: All dimensions shown are for reference only.

* Use PUADP-1 adaptor with U dies in Y46 HYPRESS™.

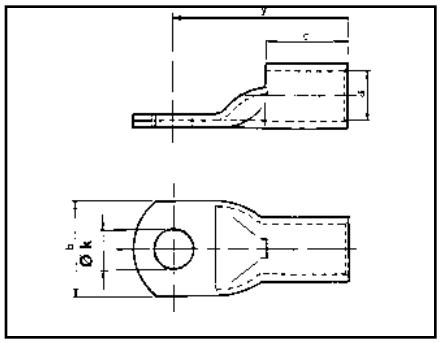
Blue highlighted items are industry standard and most frequently ordered.

TYPE YAV

HYLUG™

NON-INSULATED COPPER TUBULAR TERMINALS
0.3 - 1000 mm²
(Continued)





Catalog Number	mm²	Stud Size	d	y	b	c	Øk	Pack Qty.	Mechanical Tools			Hydraulic Tools				
									Tooling Number	MRD29		Y29BH Y29NC		Y35BH, Y35, Y750, Y46*, PAT750		
										N	I	N	I	N	I	Y644M
YAV35M5	35	5	8.5	27.4	15.9	17.0	5.3	50	MY2913GE2	50NC2	50P35-70C	DV2L	Y29PL	U35C	Y35P1 + Y29PQS (Y29PQ11B1 UK)	Dieless
YAV35M6		6		28.4	15.9		6.4									
YAV35M8		8		30.4	15.9		8.4									
YAV35M10		10		32.4	15.9		10.5									
YAV35M12		12		35.4	19.8		13.2									
YAV50M5	50	5	9.5	30.9	18.2	20.0	5.3	50	MY2913GE2	50NC2		DV1L		U50C		
YAV50M6		6		31.9	18.2		6.4									
YAV50M8		8		33.9	18.2		8.4									
YAV50M10		10		35.9	18.2		10.5									
YAV50M12		12		38.9	19.8		13.2									
YAV50M14		14		38.9	21.5		15.0									
YAV50M16		16		41.9	22.4		17.0									
YAV50FM12	Flex 50	12	10.0	38.9	21.8	20.0	13.2	50	MY2913GE2	50NC12						
YAV50FM14		14		38.9	21.8		15.0									
YAV70M5	70	5	11.3	32.4	21.4	21.0	5.3	25	MY2913GE2	50NC1 -2X		DV25L	Y29PR	U70C	Y35P1 + Y29PQ6S (Y29PQ12B1 UK)	
YAV70M6		6		33.4	21.4		6.4									
YAV70M8		8		35.4	21.4		8.4									
YAV70M10		10		37.4	21.4		10.5									
YAV70M12		12		40.4	22.4		13.2									
YAV70M14		14		40.4	22.4		15.0									
YAV70M16		16		43.4	22.4		17.0									
YAV70FM10	Flex 70	10	12.8	42.4	23.8	25.0	10.5	25	MY2913GE2	50NC1 - 2X	50P95-120C	DV26L		UV26D		
YAV70FM12		12		45.4			13.2									
YAV95M10	95	10	13.4	43.4	25	25.0	10.5	25	MY2913GE2	50NC2 - 2X		DV27L*		U95C		
YAV95M12		12		46.4			13.2									

N = Nest die, I = Indentor
*DV27L - DV28L — only for Y29BH
Note: All dimensions shown are for reference only.
* Use PUADP-1 adaptor with U dies in Y46 HYPRESS™.

Blue highlighted items are industry standard and most frequently ordered.

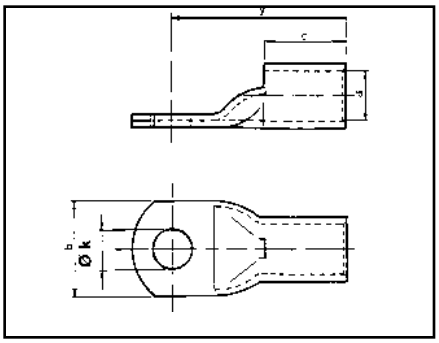
TYPE YAV

HYLUG™

NON-INSULATED COPPER TUBULAR TERMINALS 0.3 - 1000 mm²

(Continued)





Catalog Number	mm²	Stud Size	d	y	b	c	Øk	Pack Qty.	Mechanical Tools			Hydraulic Tools				
									Tooling Number	MRD29		Y29BH Y29NC		Y35BH, Y35, Y750 Y46*, PAT750		Y644M
										N	I	N	I	N	I	
YAV95FM12	Flex 95	12	14.2	46.4	25.0	25.0	13.2	25	MY2913GE2	50NC2 -2X	50P95-120C	DV27L*	Y29PR	U95C	Y35P1 + Y29PQ06S (Y29PQ12B1 UK)	Dieless
YAV120M8	120	8	15.0	44.4	29.0	27.0	8.4	25	MY2913GE2	50NC1 - 2X		DV28L*		U120C		
YAV120M10		10		46.4			10.5									
YAV120M12		12		49.4			13.2									
YAV120M14		14		49.4			15.0									
YAV120M16		16		52.4			17.0									
YAV120M20		20		58.4			21.0									
YAV120FM10	Flex 120	10	15.9	46.4	29.0	27.0	10.5	25	MY2913GE2	50NC1 - 2X						
YAV120FM12		12		49.4			13.2									
YAV120FM16		16		52.4			17.0									

N = Nest die, I = Indentor
*DV27L - DV28L — only for Y29BH.
Y260DBHM takes U-Dies with adaptor 26UADP.
* Y46 takes U-Dies with adaptor PUADP-1.
Note: All dimensions shown are for reference only.

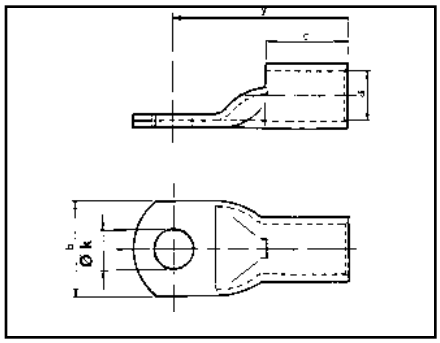
Blue highlighted items are industry standard and most frequently ordered.

TYPE YAV

HYLUG™

NON-INSULATED COPPER TUBULAR TERMINALS
0.3 - 1000 mm²
(Continued)





Catalog Number	mm²	Stud Size	d	y	b	c	Øk	Pack Qty.	Hydraulic Tools								
									Y35BH, Y35, Y750, PAT750			Y260DBHM		Y46*		UK Y22BH	
									N	I	Y644M	N	I	N	I	N	I
YAV150M10	150	10	16.5	52.3	30.4	27.0	10.5	10	U150C	Y35P1 + Y29PQ7S (Y29PQ12B1 UK)	Dieless	26M30D	26P30-34C	U150C	PUADP + Y35P3 + Y34PR		EDBP1 + Y20PQ8
YAV150M12		12		55.3			13.2										
YAV150M14		14		55.3			15.0										
YAV150M16		16		58.3			17.0										
YAV150M20		20		64.3			21.0										
YAV150FM12	Flex 150 UK	12	17.8	58.9	32.8	28.6	13.2	10	U185C			26M31D		U185C		ED31BD	
YAV185M10	185	10	18.4	61.8	35.7	30.2	10.5	10									
YAV185M12		12		64.8			13.2										
YAV185M14		14		64.8			15.0										
YAV185M16		16		67.8			17.0										
YAV185M20		20		73.8			21.0										
YAV185FM10	Flex 185 UK	10	19.4	61.8	35.7	30.2	10.5		U32D			26M32D		U32D		ED32BD	
YAV240M10	240	10	21.2	68.2	39.6	34.9	10.5	10	U240C			26M34D		U240C			EDBP1 + Y20PQ10
YAV240M12		12		71.2			13.2										
YAV240M14		14		71.2			15.0										
YAV240M16		16		74.2			17.0										
YAV240M20		20		80.2			21.0										
YAV240FM10	Flex 240 UK	10	22.0	73.4	41.0	36.0	10.5	10	U35BD			26M35BD	26P36C	U35BD		ED35BD	
YAV240FM12		12		76.4			13.2										
YAV300M12	300	12	23.4	77.3	43.0	43.0	13.2	10	U300C			26M36D		U300C			
YAV300M14		14		78.3			15.0										
YAV300M16		16		80.3			17.0										
YAV300M20		20		86.3			21.0										
YAV300FM14	Flex 300 UK	14	24.2	82.4	45.0	43.0	15.0	10	U37BD			26M37BD		U37BD		ED37BD	

N = Nest die, I = Indentor
Y260DBHM takes U-Dies with adaptor 26UADP.
* Y46 takes U-Dies with adaptor PUADP-1.
Y22BH takes U-Dies with adaptor 22UADP.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

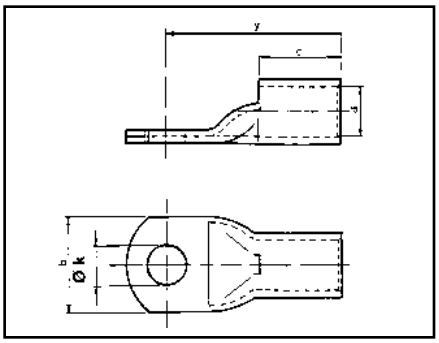
TYPE YAV

HYLUG™

NON-INSULATED COPPER TUBULAR TERMINALS 0.3 - 1000 mm²

(Continued)





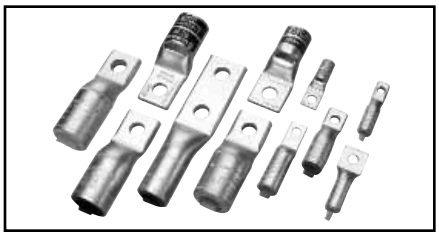
Catalog Number	mm²	Stud Size	d	y	b	c	Øk	Pack Qty.	Hydraulic Tools							
									Y644M	Y260DBHM		Y46*		UK-Y22BH		Y530DBHM	
										N	I	N	I	N	I	N	I
YAV375M12	375 (750 kcmil)	12	26.2	81.3	48.0	43.0	13.2	10	Dieless	26M39D	26P-36C	P39D	P44PR		EDPB1 + Y20PQ10	53M39D	53P40-45C
YAV375M16		16		84.3			17.0										
YAV375M20		20		90.3			21.0										
YAV500M12	500	12	29.8	87.8	55.1	47.7	13.2	10		26M44D	26P40-45C	P44D		ED44BD	EDPB1 + Y20PQ11	53M44D	
YAV500M14		14		88.8			15.0										
YAV500M20		20		96.8			21.0										
YAV630FM20	Flex 630 UK	20	34.4	104.6	63.0	53.0	21.0	10				P45D		ED453BD	EDPB2 + Y22PQ12	53M45D	
YAV800M20*	800 (1500 kcmil)	20	38.0	113.6	67.5	52.0	21.0	10				HEAD		ED466BD	EDPB2 + Y48PQ2	53M46D	53P46-48C
YA48L	1000 (2000 kcmil)	20	42.2	127.2	77.7	55.0	21.0	10						ED488D		53M48D	

N = Nest die, I = Indentor
Y260DBHM takes U-Dies with adaptor 26UADP
* Y46 takes U-Dies with adaptor PUADP-1
Y22BH takes U-Dies with adaptor 22UADP
Y530DBHM takes U-Dies with adaptor 53UADP.
Note: All dimensions shown are for reference only.

E-LINE HYLUG™ EQUIPMENT LINE

TYPE YA-E COPPER AND ALUMINUM COMPRESSION TERMINAL

UL Listed 90° C,
600 Volts to 35 kV ◆



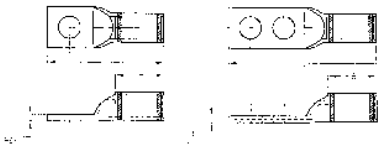
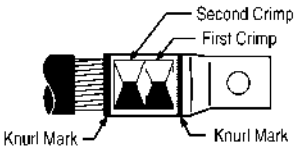


Fig. 1 Fig. 2



For Two Crimps

YA-E Equipment terminals are designed to provide replacements for original equipment mechanical or other compression terminals. These narrow tongue terminals are specially designed to fit in tight areas. Whether you're upgrading or replacing, YA-E connectors will provide for any of your cable termination needs. When installed with our dieless tool, these terminals can accommodate a range of conductor sizes.

COPPER E-LINE HYLUG™ COMPRESSION TERMINALS

Catalog Number	Fig No.	Conductor Accommodations: Copper Only — Conventional Wire Size	Conductor Accommodations: Copper Only — Expanded Wire Range using Y644M	Bolt Size	Bolt Hole Spacing	Tongue Width (max)	Dimensions B	Dimensions T	Dimensions L	† Installation Tooling: Dieless (number of crimps)	† Installation Tooling: Mechanical — MD6, MD7 (number of crimps)	† Installation Tooling: Hydraulic — Y35, Y750, Y46*, PAT750 (number of crimps)	Color Code	Die Index	Wire Strip Length
YA25LN50T14E	1	1/0 AWG	#6 - 1/0 AWG	1/4	—	0.50	0.88	0.12	1.84	Y644HS (1) PAT644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W25RT (2) W25VT (2)	U25RT (1) U2CABT (1)	Pink	12 348	15/16″
YA25LN64T516E	1			5/16	—	0.64	0.88	0.12	1.96						
YA26LN50T14E	1	2/0 AWG	#4 - 2/0 AWG	1/4	—	0.50	0.94	0.12	1.94		W26RT (2) W26VT (2)	U26RT (1)	Black	13	1″
YA30L24N100T38E	1	300 kcmil	2/0 AWG - 300 kcmil	3/8	—	1.00	1.03	0.16	2.44		W30RT (2)	U30RT (2) U28ART (2)	White	17 298	1-1/16″
YA342LNN119T12E	2	500 kcmil	4/0 AWG - 500 kcmil	1/2	1.75	1.19	1.27	0.23	5.06		—	U34RT (2) U31ART (2) P34RT (2)	Brown	20 299	1-5/16″
YA342LNN131T12E	2			1/2	1.75	1.31	1.27	0.23	5.06						
YA34L6N131T12E	1			1/2	—	1.31	1.27	0.23	3.31						
YA39L6N131T12E	1	750 kcmil	500 - 750 kcmil	1/2	—	1.31	1.42	0.27	3.61		—	U39RT (2)	Black	24	1-1/2″
YA392LNN131T12E	2			1/2	1.745	1.31	1.42	0.27	5.37						

ALUMINUM E-LINE HYLUG™ COMPRESSION TERMINALS

Catalog Number	Fig No.	Conductor Accommodations: Aluminum — Conventional Wire Size	Conductor Accommodations: Copper or Aluminum — Expanded Wire Range using Y644M	Bolt Size	Bolt Hole Spacing	Tongue Width (max)	Dimensions B	Dimensions T	Dimensions L	† Installation Tooling: Dieless (number of crimps)	† Installation Tooling: Mechanical — MD6, MD7, Y500CT (number of crimps)	† Installation Tooling: Hydraulic — Y35, Y750, Y46*, PAT750 (number of crimps)	Color Code	Die Index	Wire Strip Length
YA8CA3S56T14E	1	#8 AWG	#8 AWG	1/4	—	0.56	0.62	0.09	1.65	Y644HS (1) PAT644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	—	U8CABT (1)	Blue	374	11/16″
YA2CA5S53T14E	1	#2 AWG	#6 - #2 AWG	1/4	—	0.53	1.00	0.22	2.25		—	U2CABT (1)	Pink	348	1-3/16″
YA2CA1S91T516E	1			5/16	—	0.91	1.12	0.16	2.50						
YA25A1S60T516E	1	1/0 AWG	#1 - 1/0 AWG	5/16	—	0.63	1.00	0.21	2.29		—	U25ART (1)	Tan	296	1-1/8″
YA25A3N69T38E	1			3/8	—	0.69	1.05	0.21	2.38						
YA26A13N100T516E	1	2/0 AWG	#1 - 2/0 AWG	5/16	—	1.00	1.11	0.24	2.45		—	U26ART (2)	Olive	297	1-3/16″
YA26A6N100T38E	1			3/8	—	1.00	1.11	0.24	2.53						
YA27A10S76T516E	1	3/0 AWG	#1 - 3/0 AWG	5/16	—	0.76	1.11	0.26	2.58		—	U27ART (2)	Ruby	467	1-3/16″
YA28A14N100T516E	1	4/0 AWG	1/0 - 4/0 AWG	3/8	—	1.00	1.39	0.30	2.85		—	U28ART (2)	White	298	1-7/16″
YA28A1N100T38E	1			5/16	—	1.00	1.39	0.30	2.94						
YA30A9N100T516E	1	300 kcmil	2/0 AWG - 300 kcmil	5/16	—	1.00	1.53	0.36	3.12		—	U30ART (2)	Blue	470	1-5/8″
YA30A6N100T38E	1			3/8	—	1.00	1.53	0.36	3.20						
YA30A1N131T12E	1			1/2	—	1.31	1.53	0.35	3.57						
YA31A11N100T516E	1	350 kcmil	3/0 AWG - 350 kcmil	5/16	—	1.00	1.85	0.39	3.51		—	U31ART (2)	Brown	299	1-7/8″
YA31A9N100T38E	1			3/8	—	1.00	1.85	0.39	3.59						
YA32A8N106T516E	1	400 kcmil	4/0 AWG - 400 kcmil	5/16	—	1.06	2.26	0.43	3.92		—	U32ART (4)	Green	472	2-5/16″

† A variety of BURNDY® installation tools are available and not all tools are listed. If you require additional tooling information, please feel free to call our customer service department for other recommendations.

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™, P-RT die sets for use in Y46 HYPRESS™ only. PUADP-1 adapter not required.

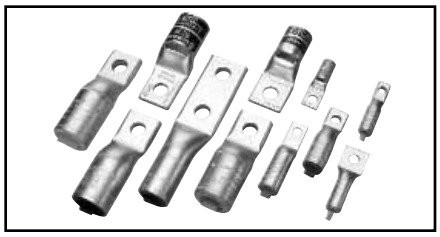
Note: All dimensions shown are for reference only.

** 900 Compact Aluminum Cable not UL Listed. Tested with Y644HS and PAT644 dieless tools only.

E-LINE HYLUG™ EQUIPMENT LINE

TYPE YA-E COPPER AND ALUMINUM COMPRESSION TERMINAL (Continued)

UL Listed 90° C,
600 Volts to 35 kV ◆



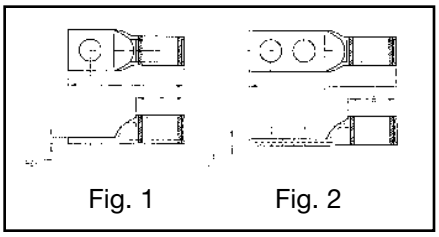
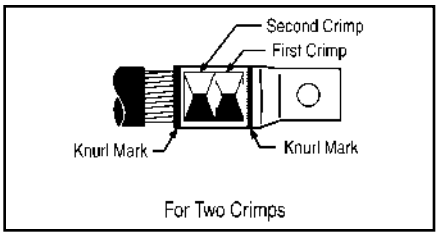


Fig. 1 Fig. 2



For Two Crimps

ALUMINUM E-LINE HYLUG™ COMPRESSION TERMINALS

Catalog Number	Fig No.	Conductor Accommodations: Aluminum Conventional Wire Size	Conductor Accommodations: Copper or Aluminum Expanded Wire Range using Y644M	Bolt Size	Bolt Hole Spacing	Tongue Width (max)	Dimensions B	Dimensions T	Dimensions L	† Installation Tooling: Dieless (number of crimps)	† Installation Tooling: Mechanical MD6, MD7, Y500CT (number of crimps)	† Installation Tooling: Hydraulic Y35, Y750, Y46*, PAT750 (number of crimps)	Color Code	Die Index	Wire Strip Length
YA34A8N131T38E	1	500 kcmil	4/0 AWG - 500 kcmil	3/8	—	1.31	1.64	0.35	3.88	Y644HS (2) PAT644HS (2) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	U34ART (4)	Pink	300	1-11/16″
YA34A3N131T12E	2			1/2	1.75	1.31	1.64	0.35	5.71						
YA34A7N131T12E	1			1/2	—	1.31	1.64	0.35	3.88						
YA36A9N131TD12E	1	600 kcmil	250 - 600 kcmil	1/2	—	1.31	1.64	0.39	3.98						
YA36A3N131TD38E	2			3/8	—	1.31	1.64	0.39	5.32						
YA36A5N131TD12E	2			1/2	1.75	1.31	1.64	0.39	5.71						
YA39A5N131TD12E	2	750 kcmil	500 - 900** kcmil Aluminum 500 kcmil Copper Only	1/2	1.75	1.31	1.86	0.31	6.09						1-15/16″
YA39A1N131TD12E	1			1/2	—	1.31	1.86	0.31	4.28						

† A variety of BURNDY® installation tools are available and not all tools are listed. If you require additional tooling information, please feel free to call our customer service department for other recommendations.

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™, P-RT die sets for use in Y46 HYPRESS™ only. PUADP-1 adapter not required.

Note: All dimensions shown are for reference only.

** 900 Compact Aluminum Cable not UL Listed. Tested with Y644HS and PAT644 dieless tools only.

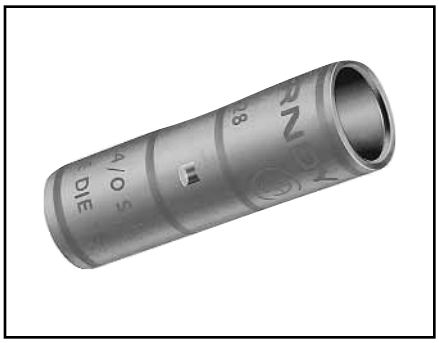
Blue highlighted items are industry standard and most frequently ordered.

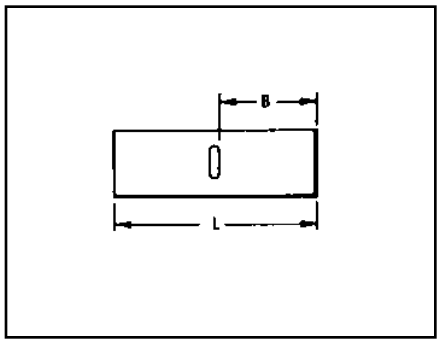
TYPE YS-L

HYLINK™ SPLICE
STANDARD BARREL

COPPER COMPRESSION

UL Listed 90° C,
600 Volts to 35 kV ◆





Features and Benefits

- Standard barrel length.
  - ◇ Ideal for limited space applications while providing ample barrel length for proper crimp.
- Four (4) center conductor stops.
  - ◇ Provides a center wire stop for proper conductor insertion.

Catalog Number	Conductor AWG	Conductor *** MM²	Dimensions L	Dimensions B	Installation Tooling ▲ Dieless (# of crimps)	Mechanical Y1MRTC Y2MR	Mechanical MD7-34R	Mechanical MD6 OUR840	Y35, ■ Y39, Y750, Y46* Die Number (# crimps)	Y35, ■ Y39, Y750, Y46* Color Code	▲ Die Index & Embossment	Wire Strip Length
YS8C-L-BOX	8 str.	10	1.00	.41	Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	Y1MRTC (1)	W8CVT (1)	X8CRT (1)	U8CRT (1)	Red	49	1/2″
YS6C-L BOX	6 str.	—	1.75	.81			W5CVT (1)	X5CRT (1)	U5CRT (1)	Blue	7 or 374	7/8″
YS5C-L BOX	5 str.	16	1.90	.81								
YS4C-L BOX	4 str.	—	1.75	.81		Y1MRTC (2)	W4CVT (1)	X4CRT (1)	U4CRT (1)	Gray	8 or 346	7/8″
YS3C-L	3 str.	25	2.05	.88		Y1MRTC (2)	—	—	U3CRT (1)	White	9	15/16″
YS2C-L BOX	2 str.	—	2.00	.88		Y1MRTC (2)	W2CVT (1)	X2CRT (1)	U2CRT (1)	Brown	10	15/16″
YS1C-L BOX	1 str.	50	2.06	.88		Y1MRTC (2)	W1CVT (1)	X1CRT (1)	U1CRT-1 (1)	Green	11 or 375	15/16″
YS25-L BOX	1/0 str.	—	2.08	.88		—	W25VT (2)	X25RT (2)	U25RT (1)	Pink	12 or 348	15/16″
YS26-L BOX	2/0 str.	70	2.17	.94			W26VT (2)	X26RT (2)	U26RT (1)	Black	13	1″
YS27-L BOX	3/0 str.	95	2.30	1.00	Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)		W27VT (2)	X27RT (2)	U27RT (1)	Orange	14	1-1/16″
YS28-L BOX	4/0 str.	—	2.32	1.00			W28VT (2)	X28RT (2)	U28RT (1)	Purple	15	1-1/16″
YS29-L BOX	250 kcmil	120	2.46	1.06			W29VT (2)		U29RT (1)	Yellow	16	1-1/8″
YS30-L	300 kcmil	150	2.47	1.06			W30VT (2)		U30RT (2)	White	17 or 298	1-1/8″
YS31-L	350 kcmil	185	2.60	1.12			W31VT (2)		U31RT (2)	Red	18 or 324	1-3/16″
YS32-L	400 kcmil	—	2.74	1.19			W32VT (2)		U32RT (2)	Blue	19 or 470	1-1/4″
YS34-L	500 kcmil	240	3.15	1.38			W34VT (2)	—	U34RT (2)	Brown	20 or 299	1-7/16″
YS36-L	600 kcmil	300	3.22	1.38					U36RT (2)	Green	22 or 472	1-7/16″
YS38-L	700 kcmil	—	3.22	1.38	Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)		—		U38RT (2)	Pink	400	1-7/16″
YS39-L	750 kcmil	—	3.72	1.62					U39RT (2)	Black	24	1-11/16″
YS44-L	1000 kcmil	500	4.28	1.88					P44RT** (2)	White	27	1-15/16″

▲ See tooling section of this catalog for complete tool and die listings.
* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.
** P44RT for use with Y46 HYPRESS™ only. PUADP-1 adaptor not required.
*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
■ The maximum size for the Y35 is 400 kcmil insulated code cable.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instuctions.
Note: All dimensions shown are for reference only.

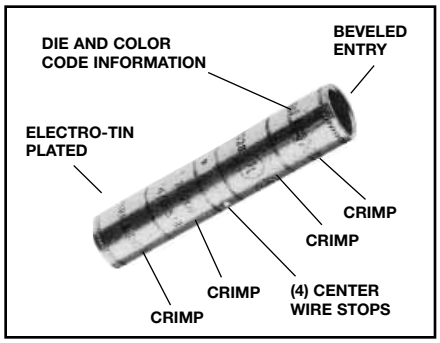
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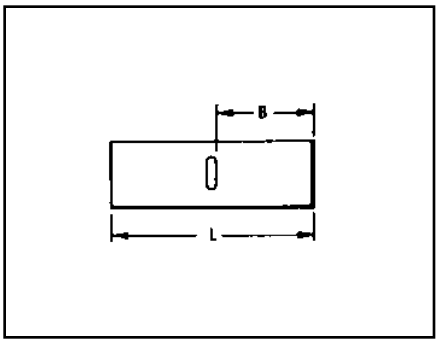
TYPE YS

HYLINK™ SPLICE - LONG BARREL

COPPER COMPRESSION SPLICE

UL Listed 90° C,
600 Volts to 35 kV ◆





Features and Benefits

- Long barrel length.
  - ◇ Ideal for 600 volt heavy duty applications. Also may be used at higher voltages up to 35KV.
- Four (4) center conductor stops.
  - ◇ Provides a center wire stop for proper conductor insertion.
- High pull out force.
  - ◇ Provides added security for much greater mechanical and electrical properties.

Catalog Number	Conductor AWG	Conductor *** MM²	Dimensions L	Dimensions B	Dieless (# of crimps)	Installation Tooling ▲ Mechanical Y1MRTC Y2MR	Mechanical MD7-34R	Mechanical MD6 0UR840	Y35 ■, Y39, Y750, Y46* Die Number (# crimps)	Color Code	▲ Die Index & Embossment	Wire Strip Length
YS8C	8 str.	10	1.75	.78	Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	Y1MRTC (2)	W8CVT (2)	X8CRT (2)	U8CRT (2)	Red	49	7/8″
YS6C	6 str.	—	2.38	1.09			W5CVT (2)	X5CRT (2)	U5CRT (2)	Blue	7 or 374	1-3/16″
YS5C	5 str.	16	2.55	1.09								
YS4C	4 str.	—	2.55	1.09		Y1MRTC (4)	W4CVT (2)	X4CRT (2)	U4CRT (2)	Gray	8 or 346	1-3/16″
YS3C	3 str./2 sol.	25	2.80	1.22	Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	Y1MRTC (4)	—	U3CRT (2)	—	White	9	1-5/16″
YR2C2WT	2 str. - 2 sol.	25	2.90	1.44		Y1MRTC (4)	W2CVT/W2CRT	W2CVT/W2CRT	U2CRT (2)	Brown	10	1-5/8″
YS2C	2 str.	35	2.82	1.22			W2CVT (2)	X2CRT (2)	U2CRT (2)	Brown	10	1-5/16″
YS1C	1 str.	50	3.07	1.34		Y1MRTC (4)	W1CVT (2)	X1CRT (2)	U1CRT-1 (2)	Green	11 or 375	1-7/16″
YS25	1/0 str.	—	3.06	1.34		—	W25VT (4)	X25RT (4)	U25RT (2)	Pink	12 or 348	1-7/16″
YS26	2/0 str.	70	3.30	1.45			W26VT (4)	X26RT (4)	U26RT (2)	Black	13	1-9/16″
YS27	3/0 str.	—	3.30	1.45			W27VT (4)	X27RT (4)	U27RT (2)	Orange	14	1-9/16″
YS28	4/0 str.	—	3.57	1.58			W28VT (4)	X28RT (4)	U28RT (2)	Purple	15	1-11/16″
YS29	250 kcmil	120	3.58	1.58			W29VT (4)	—	U29RT (2)	Yellow	16	1-11/16″
YS30	300 kcmil	150	4.34	1.95	Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)		W30VT (4)		U30RT (4)	White	17 or 298	2-1/16″
YS31	350 kcmil	185	4.35	1.95			W31VT (4)		U31RT (4)	Red	18 or 324	2-1/16″
YS32	400 kcmil	—	4.62	2.08			W32VT (4)		U32RT (4)	Blue	19 or 470	2-3/16″
YS34	500 kcmil	240	4.91	2.20	Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)		W34VT (4)		U34RT (4)	Brown	20 or 299	2-5/16″
YS36	600 kcmil	300	5.85	2.63			—		U36RT (4)	Green	22 or 472	2-3/4″
YS39	750 kcmil	—	6.38	2.81					U39RT (4)	Black	24	2-15/16″
YS44	1000 kcmil	500	6.95	2.94					P44RT** (2)	White	27	3-1/16″
YS46	1500 kcmil	—	7.01	3.13	—	—	—	—	P46RT** (6)	Green	31	3-1/4″
YS48	2000 kcmil	—	7.57	3.27					L48RT (4)	Brown	34	3-3/8″

① Not color coded.
* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.
** P44RT for use with Y46 HYPRESS™ only. PUADP-1 adapter not required.

*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
■ The maximum size for the Y35 is 400 kcmil.
▲ See tooling section of this catalog for complete tool and die listings.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instuctions.
† Requires Y60BHU HYPRESS™ with L48RT die set.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

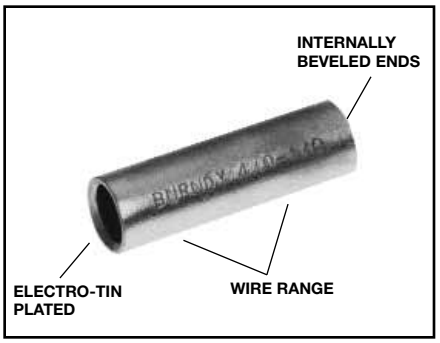
TYPES Y-R

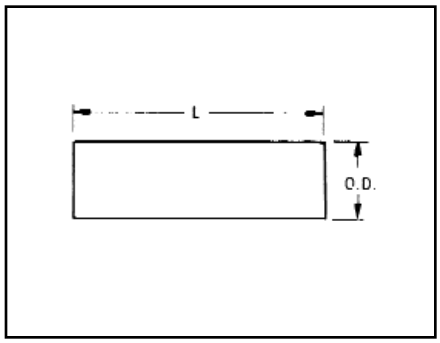
REDUCING ADAPTER

FOR COPPER

600 Volts to 35 kV◆

The Y-R reducing adapter has been designed to allow large size, long barrel, copper long barrel HYDENT™, HYSPLICE™ and HYTEE™ terminals, splices, and T taps to be used on smaller conductor sizes. To use, simply insert the reducer into the barrel, insert the wire into the reducer adapter and crimp the outer barrel using its recommended tooling.





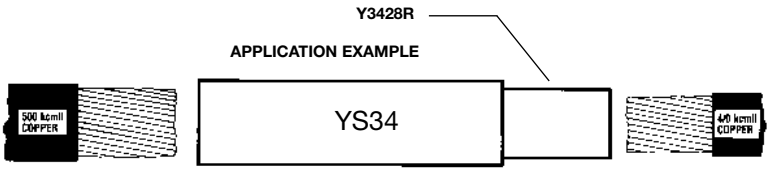
Features and Benefits

- Wide range of conductors are accommodated.
  - ◊ Lowers inventory requirements and affords maximum versatility.
- Same die set for all legs of the connection.
  - ◊ Permits the same tool and die combination normally used on the compression barrel.
- Length fits the long barrel connector design (YS, YA).
  - ◊ Can be used on all long barrel connectors. Field cut to fit shorter length compression barrels (YS-L, YA-L).
- Manufactured from high conductivity electrolytic copper and electro-tin plated.
  - ◊ Provides maximum conductivity low resistance and ductility for an excellent combination of electrical and crimp forming properties, and provides long lasting corrosion resistance.

Catalog Number	Wire Range From	Wire Range To	Dimensions Max O.D.	Dimensions L
Y286CR	4/0 str.	6, 8 str. 6 sol.	.534	1.75
Y284WR		4 sol.		
Y284CR		4 str.		
Y282CR		2 str.		
Y281CR		1 str.		
Y2825R		1/0 str.		
Y2826R		2/0 str.		
Y2827R		3/0 str.		
Y2928R	250 kcmil	4/0	.582	1.62
Y302CR	300 kcmil	2	.637	2.00
Y304CR		4		
Y3025R		1/0		
Y3026R		2/0		
Y3027R		3/0		
Y3028R		4/0		
Y3126R	350 kcmil	2/0	.687	2.00
Y3128R		4/0		
Y3129R		250		
Y342CR	500 kcmil	2 str.	.821	2.50
Y3425R		1/0 str.		
Y3426R		2/0 str.		
Y3427R		3/0 str.		
Y3428R		4/0 str.		
Y3429R		250 kcmil		
Y3430R		300 kcmil		
Y3431R		350 kcmil		
Y3432R		400 kcmil		
Y3934R	750 kcmil	500 kcmil	1.017	2.25
Y3936R		600 kcmil		
Y4439R	1000 kcmil	750 kcmil	1.296	3.19

Contact Technical Support for other sizes not listed.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instuctions.
Note: All dimensions shown are for reference only.

Insert reducing adapter into splice connection as shown.



Crimp with U34RT, 4 crimps each side (a total of 8 crimps).

Blue highlighted items are industry standard and most frequently ordered.

TYPE YS-LB

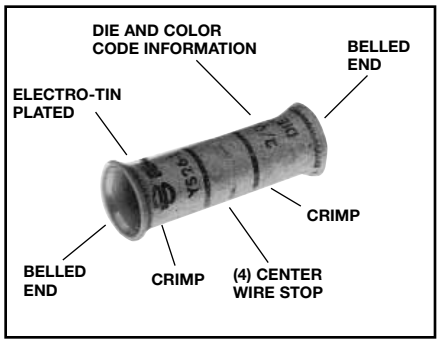
HYLINK™

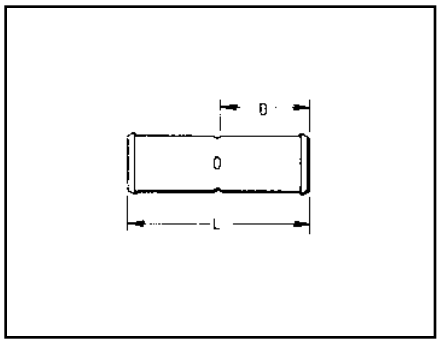
UNINSULATED BELLED COPPER COMPRESSION SPLICE

STANDARD LENGTH BELLED BARREL

UL Listed 90° C,
600 Volts to 35 kV◆

HYLINK™ type YS-LB splices are designed for flexible and extra flexible copper conductors used in mining machines, locomotives, welding cables and other flexible cable applications. The seamless, high conductivity copper, electro-tin plated belled barrel provides for easy insertion of flexible stranded conductors and the nest indentor die system provides an excellent electrical and mechanical connection.





Features and Benefits

- Belled barrel ends.
  - ◇ Provides easy cable insertion into the splice barrel and smooth cable strain relief during cable flexing and movement.
- Standard length barrel.
  - ◇ Permits easy passage around pulleys yet is long enough for easy crimping.

Catalog Number	Copper Cables *									Dimensions	
	Code Cable Flex Cable	Navy Cable	Flexible and Extra Flexible Cables: Class G	Class H	Class I	Battery Cable Class K	Welding Cable Class M	Locomotive Cable	Metric Cable	B	L
YS5C-LB	—	—	—	—	—	—	—	—	—	.81	1.75
	6 Flex	—	#6 (49 str)	#6 (133 str)	#6 (63/24)	#6 (266/30)	#6 (665/34)	#6 (61/24)	—		
YS4C-LB	—	—	—	—	—	—	—	—	—	.81	1.75
	5 Flex	—	#5 (49 str)	#5 (133 str)	#5 (84/24)	#5 (336/30)	#5 (836/34)	#5 (91/24)	—		
YS3C-LB	—	—	—	—	—	—	—	—	—	.81	1.88
	4 Flex	—	#4 (49 str)	#4 (133 str)	#4 (105/24)	#4 (420/30)	#4 (1064/34)	#4 (105/24)	—		
YS2C-LB	—	—	—	—	—	—	—	—	—	.81	1.88
	3 Flex	—	#3 (49 str)	#3 (133 str)	#3 (133/24)	#3 (532/30)	#3 (1323/24)	#3 (125/24)	—		
YS1C-LB	—	—	—	—	—	—	—	—	—	.81	1.88
	2 Flex	—	#2 (49 str)	#2 (133 str)	#2 (161/24)	#2 (665/30)	#2 (1666/34)	#2 (150/24)	—		
YS25-LB	—	—	—	—	—	—	—	—	—	.81	1.88
	1 Flex	—	#1 (133 str)	#1 (259 str)	#1 (210/24)	#1 (836/30)	#1 (2107/34)	#1 (225/24)	—		
YS26-LB	—	—	—	—	—	—	—	—	—	.94	2.00
	1/0 Flex	—	1/0 (133 str)	1/0 (259 str)	1/0 (266/24)	1/0 (1064/30)	1/0 (2646/34)	1/0 (275/24)	—		
YS27-LB	—	—	—	—	—	—	—	—	—	1.00	2.13
	2/0 Flex	—	2/0 (133 str)	2/0 (259 str)	2/0 (342/24)	2/0 (1323/30)	2/0 (3325/34)	2/0 (325/24)	—		
YS28-LB	—	—	—	—	—	—	—	—	—	1.00	2.13
	3/0 Flex	—	3/0 (133 str)	3/0 (259 str)	3/0 (418/24)	3/0 (1666/30)	—	3/0 (450/24)	—		
YS29-LB	—	—	—	—	—	—	—	—	—	1.06	2.25
	4/0 Flex	—	4/0 (133 str)	4/0 (259 str)	—	—	—	—	—		
YS30-LB	—	—	—	—	—	—	—	—	—	1.06	2.25
	4/0 - 250 Flex	—	250 kcmil (259 str)	250 kcmil (427 str)	4/0 (532/24)	4/0 (2107/30)	4/0 (5320/34)	4/0 (550/24)	—		

- Contact BURNDY® for conductors not shown.
- ◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

Note: All dimensions shown are for reference only.

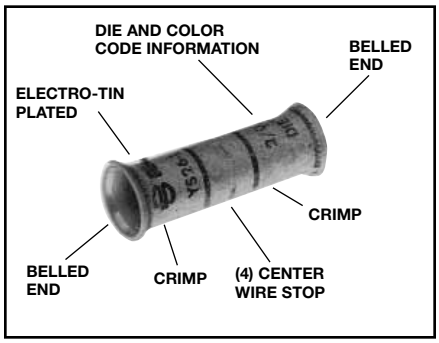
Blue highlighted items are industry standard and most frequently ordered.

TYPE YS-LB

HYLINK™

UNINSULATED BELLED COPPER COMPRESSION SPLICE

STANDARD LENGTH BELLED BARREL



UL Listed 90° C,
600 Volts to 35 kV◆

(INSTALLATION TOOLING)

Catalog Number	Code Cable / Flex Cable	Installation Tooling ▲ Dieless (# of crimps)	Dieless HYTOOL™ (# of crimps)	Die Index	Color Code	Die Type	Hydraulic Tooling, Die Sets, (# of crimps) ▲ Y35†	Y39†, Y750†	Y46*†	Wire Strip Length
① YS5C-LB	6 Flex	Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	MY29-11 (1) (1 Crimp/end)	1014	—	Nest Indentor	U6CD-1 (1) Y34PR (1)	U6CD-1 (1) Y34PR (1)	U6CD-1 (1) Y34PR (1)	7/8″
YS4C-LB	5 Flex			1015			U4CD-1 (1) Y34PR (1)	U4CD-1 (1) Y34PR (1)	U4CD-1 (1) Y34PR (1)	7/8″
YS3C-LB	4 Flex			1016			U3CD-1 (1) Y34PR (1)	U3CD-1 (1) Y34PR (1)	U3CD-1 (1) Y34PR (1)	15/16″
YS2C-LB	3 Flex			1017			U2CD-1 (1) Y34PR (1)	U2CD-1 (1) Y34PR (1)	U2CD-1 (1) Y34PR (1)	15/16″
YS1C-LB	2 Flex			1018			U1CD-1 (1) Y34PR (1)	U1CD-1 (1) Y34PR (1)	U1CD-1 (1) Y34PR (1)	15/16″
YS25-LB	1 Flex			1019			U25D-1 (1) Y34PR-2 (1)	U25D-1 (1) Y34PR-2 (1)	U25D-1 (1) Y34PR-2 (1)	15/16″
YS26-LB	1/0 Flex			1020			U26D-1 (1) Y34PR-2 (1)	U26D-1 (1) Y34PR-2 (1)	U26D-1 (1) Y34PR-2 (1)	1″
YS27-LB	2/0 Flex			1021			U27D-1 (1) Y34PR-2 (1)	U27D-1 (1) Y34PR-2 (1)	U27D-1 (1) Y34PR-2 (1)	1-1/16″
YS28-LB	3/0 Flex	Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)		1022			—	U28D-1 (1) Y34PR-2 (1)	U28D-1 (1) Y34PR-2 (1)	1-1/16″
YS29-LB	4/0 Flex			1023				U29D-1 (1) Y34PR-2 (1)	U29D-1 (1) Y34PR-2 (1)	1-1/16″
YS30-LB	4/0-250 Flex		—	1024				U30D-1 (1) Y34PR-2 (1)	U30D-1 (1) Y34PR-2 (1)	1-1/8″

† Use Y35P3 adaptor with Y34PR indentor.
* Use PUADP-1 adaptor with U-DIES in Y46 HYPRESS™.
▲ See Tooling section in this catalog for complete tool and die listings.
① Not color coded.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

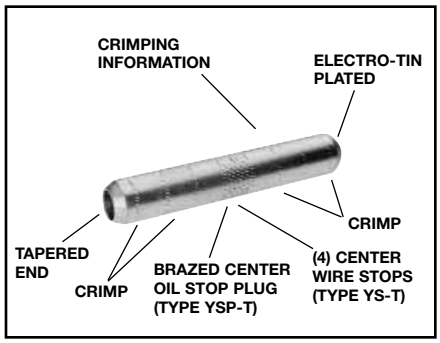
TYPES YS-T AND YSP-T

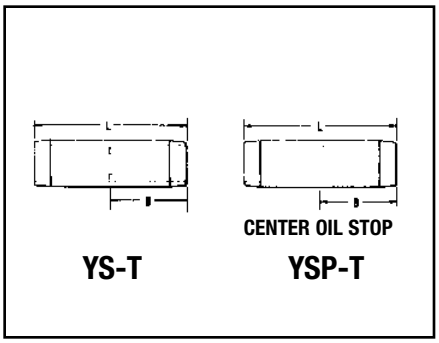
HIGH-VOLTAGE HYLINKS™

UNINSULATED HIGH VOLTAGE COPPER COMPRESSION SPLICE

STANDARD BARREL - TAPERED ENDS

UL Listed 90° C,
600 Volts to 35 kV◆





Seamless types YS-T and YSP-T high conductivity copper electro-tin plated compression HYLINK™ high-voltage splices with standard barrel and tapered ends are ideally suited for higher voltage applications from 5KV through 35 KV.

Type YS-T splice connector has four center wire stops for proper conductor insertion.

Type YSP-T splice connector has a brazed in place center plug to prevent the passage of oil between two oil filled conductors or between conductors without oil and conductors with oil and acts as a center wire stop for proper conductor insertion.

Features and Benefits

- Tapered connector ends per EEI standard TD160.
  - ◇ Suitable for use on voltages 5KV through 35KV to aid in preventing corona emission and simplify taping thus lowering installed cost.
- Type YS-T four center wire stops.
  - ◇ Provides a center wire stop for proper conductor insertion.
- Type YSP-T has a center plug permanently brazed in place.
  - ◇ Prevents oil within oil-filled conductors from passing through the splice connector and provides a center strip for proper conductor insertion.

Catalog Number		Code	Dimensions		Installation Tooling - Nest/Indentor ▲					Wire
					Y34B Y34PR Indentor	Y35, Y39, Y750 Y34PR Indentor Y35P3 Adaptor	Y35, Y39, Y750 Y46*, PAT750 Die Number (# of	Die	No. of	Strip
YS-T	YSP-T	Conductors	B	L	Nest Die	Nest Die	crimps per end)	Index ▲	Indent	Length
YS6C-T	—	6 str.	.90	2.16	B6CD	U6CD-1	U5CRT (2)	7	1	15/16″
YS4C-T	YSP4C-T	4 str.	.90	2.16	B4CD	U4CD-1	U4CRT (2)	8	1	15/16″
YS2C-T	YSP2C-T	2 str.	.98	2.34	B2CD	U2D-1	U2CRT (2)	10	1	1″
YS1C-T	YSP1C-T	1 str.	.97	2.31	B1CD	U1D-1	U1CRT-1 (2)	11	1	1″
YS25-T	YSP25-T	1/0 str.	.98	2.35	B25D	U25D-1	U25RT (2)	12	1	1-3/32″
YS26-T	YSP26-T	2/0 str.	1.04	2.47	B26D	U26D-1	U26RT (2)	13	1	1-3/32″
YS28-T	YSP28-T	4/0 str.	1.13	2.67	B28D	U28D-1	U28RT (2)	15	1	1-3/16″
YS29-T	YSP29-T	250 kcmil	1.21	2.85	B29D	U29D-1	U29RT (2)	16	1	1-3/32″
YS30-T	YSP30-T	300 kcmil	1.22	2.87	B30D	U30D-1	U30RT (4)	17	2	1-5/16″
YS31-T	YSP31-T	350 kcmil	1.32	3.09	B31D	U31D-1	U31RT (4)	18	2	1-3/5″
YS34-T	YSP34-T	500 kcmil	1.68	3.86	No Die Needed	U34D-1	U34RT (4)	20	2	1-3/4″
YS39-T	YSP39-T	750 kcmil	2.00	4.60	—	—	U39RT (4)	24	2	2-1/8″

* Use adapter PUADP-1 with U Dies in Y46 HYPRESS™. Y46 HYPRESS™ uses the same nest indentor and adaptor as the Y35, Y39 and Y750, but with the PUADP-1 adaptors.
■ The maximum size for the Y35 is 400 kcmil.
▲ See tooling section of this catalog for complete tool and die listings.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

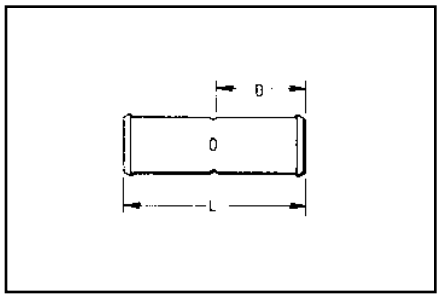
TYPE YS-FXB

HYLINK™ - SPLICE - BELLED LONG BARREL

UL Listed 90° C,
600 Volts to 35 kV ◆

Features and Benefits

- Long barrel length.
  - ◇ High voltage terminations.
- Four (4) center conductor stops.
  - ◇ Provides a center wire stop for proper conductor insertion.
- High pull out force.
  - ◇ Provides added security for greater mechanical and electrical properties.
- Belled cable entry.
  - ◇ A funnel type entry provide easy insertion of extra flexable cables plus offers mechanical strain relief for individual strands.



Catalog Number	Conductor Flexible Cable Code AWG	*** MM²	Dimensions L [mm]	Dimensions B [mm]	Installation Tooling ▲ Dieless (# of crimps/end)	Mechanical Y1MRTC Y2MR	Y35 ■, Y39, Y750, Y46* Embossed Die Index	Color Code	Die Number (# of crimps/end)	Cable Strip Length
YS8C-FXB	#8 Str. (37/24) #8 AWG	10	1.99 [51]	.90 [23]	Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	Y2MR (2) Y1MR (2)	49	Red	U8CRT (2)	1″ [25]
YSV6C-FXB	#6 Str. (61/24) #6 AWG	† 16	2.62 [67]	1.22 [31]			7	Blue	U5CRT (2)	1-5/16″ [33]
YSV4C-FXB	#4 Str. (91/24-105/24) #4 AWG	—	2.62 [67]	1.22 [31]		Y2MR (4) Y1MR (4)	8	Gray	U4CRT (2)	1-5/16″ [33]
YSV2C-FXB	#2 Str. (125/24-150/24) #2 AWG	35	2.89 [73]	1.35 [34]			10	Brown	U2CRT (2)	1-7/16″ [37]
YSV1C-FXB	#1 Str. (175/24-225/24) #1 AWG	—	3.18 [81]	1.50 [38]		—	11	Green	U1CRT-1 (4)	1-9/16″ [40]
YSV25-FXB	1/0 Str. (275/24) 1/0 AWG	50	3.18 [81]	1.50 [38]			12	Pink	U25RT (4)	1-9/16″ [40]
YSV26-FXB	2/0 Str. (325/24) 2/0 AWG	70	3.44 [87]	1.63 [41]			13	Black	U26RT (4)	1-11/16″ [43]
YSV27-FXB	3/0 Str. (450/24) 3/0 AWG	95	3.46 [88]	1.64 [42]	Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	14	Orange	U27RT (4)	1-11/16″ [43]
YSV28-FXB	4/0 Str. (550/24) 4/0 AWG	† 120	3.72 [94]	1.77 [45]			15	Purple	U28RT (4)	1-7/8″ [48]
YS30-FXB	250 kcmil Flex Class G 259 Str. Class H 427 Str.	—	4.51 [115]	2.16 [55]			16	Yellow	U29RT (4)	2-1/4″ [57]
YS31-FXB	263 kcmil (650/24) 250 Flex Class I, K, M	150	4.54 [115]	2.18 [55]			17	White	U30RT (4)	2-1/4″ [57]
YS32-FXB	313.1 kcmil (775/24) 300 kcmil Nom.	185	4.82 [122]	2.32 [59]			18	Red	U31RT (4)	2-7/16″ [62]
YS34-FXB	373 kcmil (925/24) 350 kcmil Nom.	240	5.14 [131]	2.48 [63]			19	Blue	U32RT (4)	2-9/16″ [65]
YS36-FXB	444.4 kcmil (1100/24) 450 kcmil Nom.	300	6.09 [155]	2.95 [75]			20	Brown	U34RT (4)	3-1/16″ [79]
YS38-FXB	535.3 kcmil (1325/24) 500 kcmil Nom.	—	6.34 [161]	3.08 [78]	Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	—	L99	Pink	U38XRT (4)	3-3/16″ [81]
YS40-FXB	646 kcmil (1600/24) 600 kcmil Nom.	400	6.66 [1.69]	3.24 [82]			24	Black	U39RT (4)	3-5/16″ [84]
YS44-FXB	777.7 kcmil (1925/24) 750 kcmil Nom.	500	6.84 [174]	3.33 [85]			L115	Yellow	U44XRT (4)	3-7/16″ [87]

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.
** P44RT and P46RT dies sets are for use with Y46 HYPRESS™ only. PUADP-1 adapter not required.
*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.
† 16 mm² and 120 mm² referenced are for both Class 2 and Class 5
■ The maximum size for the Y35 is 373.7 kcmil.
▲ See tooling section of this catalog for complete tool and die listings.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only. Measurements in brackets [ ] are in metric dimensions.

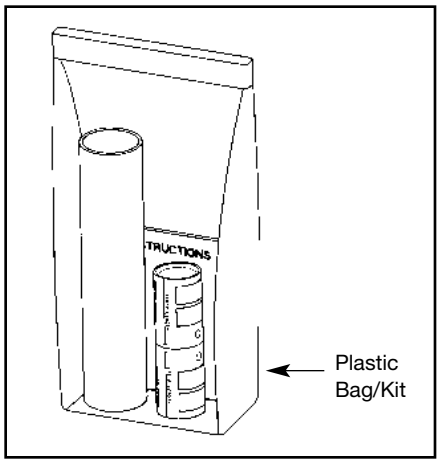
Blue highlighted items are industry standard and most frequently ordered.

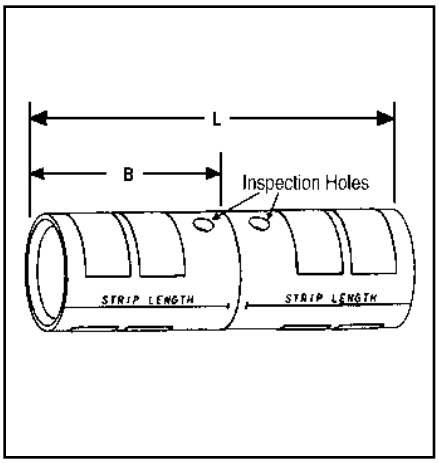
TYPE YS-TC

HYSPLICE™

In-line Splice Kits for Telecommunications Applications

YS-TC kits are for splicing cables and covering the connection with **clear** heat shrink. Splices are constructed from seamless, high conductivity electrolytic copper tubing for maximum conductivity and tin-plated to resist corrosion. Each YS-TC splice is provided with inspection holes and cable stops. The YS-TC family also features the BURNDY® color code system.





* Clear Heat Shrink Kit Catalog Number	Wire Size		Connector					Wire Strip Length
			Barrel Type	Dimensions		Color Code	Die Index	
	AWG	mm²		Barrel B	Length L			
YS44FXLTCKITC	750 kcmil Flex	500 mm² Class 5	Standard	1.90	4.30	Yellow	L115	1.96
YS39LTCKITC	750 kcmil Code	—	Standard	1.62	3.68	Black	23	1.67
YS38FXLTCKITC	500 kcmil Flex	300 mm² Class 5	Standard	1.71	3.87	Pink	L99	1.77
YS34LTCKITC	500 kcmil Code	240 mm² Class 2	Standard	1.56	3.51	Brown	20	1.60
YS34FXLTCKITC	350 kcmil Flex	240 mm² Class 5	Standard	1.56	3.51	Blue	19 or L80	1.60
YS31LTCKITC	350 kcmil Code	185 mm² Class 2	Standard	1.39	3.10	Red	17	1.42
YS29FXLTCKITC	4/0 AWG Flex	—	Standard	1.36	2.98	Yellow	16	1.38
YS28LTCKITC	4/0 AWG Code	—	Standard	1.23	2.69	Purple	15	1.24
YS26LTCKITC	2/0 AWG Code	70 mm²	Standard	1.16	2.62	Black	13	1.10
YS26FXLTCKITC	2/0 AWG Flex or Code	70 mm² Class 5	Standard	1.09	2.41	Black	13	1.10
YS25LTCKITC	1/0 AWG Code	—	Standard	1.04	2.37	Pink	12	1.00
YS25FXLTCKITC	1/0 AWG Flex or Code	50 mm² Class 5	Standard	1.04	2.18	Pink	12	1.00
YS2CLTCKITC	#2 AWG Code	35 mm² Class 5	Standard	0.82	1.88	Brown	10	0.78
YS2CFXLTCKITC	#2 AWG Flex or Code	35 mm² Class 5	Standard	0.82	1.73	Brown	10	0.78
YS4CFXLTCKITC	#4 AWG Flex or Code	—	Standard	0.74	1.69	Grey	8	0.71
YS6CFXLTCKITC	#6 AWG Flex or Code	16 mm² Class 5 or Class 2	Standard	0.73	1.60	Blue	7 or 24	0.70
YS8CFXLTCKITC	#8 AWG Flex or Code	—	Standard	0.65	1.48	Red	49	0.62

* **Clear** Heatshrink – UL224 VW1 Listed – passes TELCORDIA GR-347-CORE Abrasion and Cut Test. (Up to 750 kcmil Class B code cable. Contact factory for 750 flex cable applications.)

Note: All dimensions shown are for reference only.

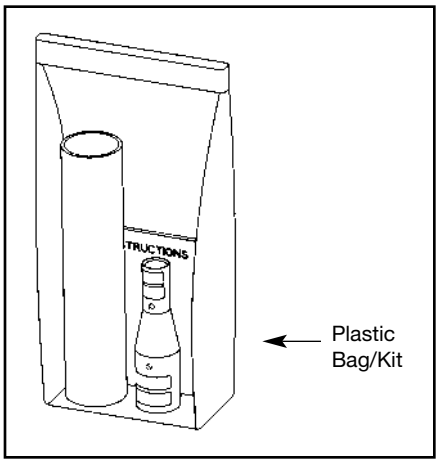
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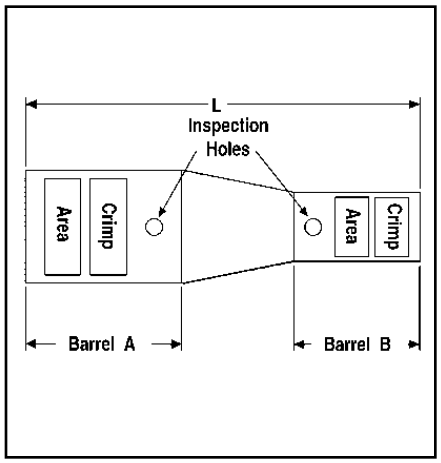
TYPE YSR-TC

HYREDUCER™

In-line Reducer Splice Kits for Telecommunications Applications

YSR-TC reducing splice kits provide for splicing two different cable sizes with inspection holes. The larger conductor is inserted first and butts against the center of the connector where the smaller barrel begins. Constructed from seamless, high conductivity electrolytic copper tubing for maximum conductivity, and tin plated to resist corrosion. The YSR-TC family also features the BURNDY® color code system.





** Clear Heat Shrink Kit Catalog Number	Wire Range				Barrel Type	Connector							Wire Strip Length	
	Barrel A		Barrel B			Dimensions			Color Code		Die Index			
	AWG	mm²	AWG	mm²		Barrel A	Barrel B	L	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B
YSR44FX39LTCKITC	750 kcmil Flex	500 mm² Class 5	750 kcmil Code	—	Standard	2.09	1.78	4.38	Yellow	Black	L115	24	1.96	1.67
YSR44FX38FXLTCKITC			500 kcmil Flex	300 mm²	Standard	2.09	1.60	4.61	Yellow	Pink	L115	L99	1.96	1.77
YSR44FX34LTCKITC			500 kcmil Code	240 mm²	Standard	2.09	1.69	4.91	Yellow	Brown	L115	20	1.96	1.60
YSR44FX34FXLTCKITC			350 kcmil Flex	240 mm²	Standard	2.09	1.69	4.91	Yellow	Blue	L115	19 or L80	1.96	1.60
YSR44FX31LTCKITC			350 kcmil Code	185 mm²	Standard	2.09	1.49	5.18	Yellow	Red	L115	18	1.96	1.41
YSR44FX30LTCKITC			300 kcmil Code	150 mm²	Standard	2.09	1.30	5.01	Yellow	White	L115	17 or 298	1.96	1.24
YSR44FX29FXLTCKITC			4/0 AWG Flex	120 mm²	Standard	2.09	1.44	5.46	Yellow	Yellow	L115	16	1.96	1.24
YSR44FX28FXLTCKITC			4/0 AWG Flex or Telco Flex	120 mm²	Standard	2.09	1.43	5.21	Yellow	Purple	L115	15	1.96	1.38
YSR44FX28LTCKITC			4/0 AWG Code	—	Standard	2.09	1.30	5.27	Yellow	Purple	L115	15	1.96	1.36
YSR3939LTCKITC	750 kcmil Code	—	750 kcmil Code	—	Standard	1.78	1.78	4.13	Black	Black	24	24	1.67	1.67
YSR3938FXLTCKITC			500 kcmil Flex	300 mm²	Standard	1.78	1.88	3.79	Black	Pink	24	L99	1.67	1.77
YSR3934LTCKITC			500 kcmil Code	240 mm²	Standard	1.78	1.69	4.09	Black	Brown	24	20	1.67	1.60
YSR3934FXLTCKITC			350 kcmil Flex	240 mm²	Standard	1.78	1.69	4.09	Black	Blue	24	19 or L80	1.67	1.60
YSR3931LTCKITC			350 kcmil Code	185 mm²	Standard	1.78	1.49	4.36	Black	Red	24	18	1.67	1.41
YSR3930LTCKITC			300 kcmil Code	150 mm²	Standard	1.78	1.30	4.23	Black	White	24	17 or 298	1.67	1.24
YSR3929FXLTCKITC			4/0 AWG Flex	120 mm²	Standard	1.78	1.44	4.71	Black	Yellow	24	16	1.67	1.38
YSR3928FXLTCKITC			4/0 AWG Flex or Telco Flex	120 mm²	Standard	1.78	1.43	4.43	Black	Purple	24	15	1.67	1.36
YSR3928LTCKITC			4/0 AWG Code	—	Standard	1.78	1.30	4.65	Black	Purple	24	15	1.67	1.24
YSR38FX34LTCKITC	500 kcmil Flex	300 mm²	500 kcmil Code	240 mm²	Standard	1.88	1.69	4.06	Pink	Brown	L99	20	1.77	1.60
YSR38FX34FXLTCKITC			350 kcmil Flex	240 mm2	Standard	1.88	1.69	4.06	Pink	Blue	L99	19 or L80	1.77	1.60
YSR38FX31LTCKITC			350 kcmil Code	185 mm²	Standard	1.88	1.49	4.33	Pink	Red	L99	18	1.77	1.41
YSR38FX30LTCKITC			300 kcmil Code	150 mm²	Standard	1.88	1.30	4.20	Pink	White	L99	17 or 298	1.77	1.24
YSR38FX29FXLTCKITC			4/0 AWG Flex	120 mm²	Standard	1.88	1.44	4.67	Pink	Yellow	L99	16	1.77	1.38
YSR38FX28FXLTCKITC			4/0 AWG Flex or Telco Flex	120 mm²	Standard	1.88	1.43	4.60	Pink	Purple	L99	15	1.77	1.36
YSR38FX28LTCKITC			4/0 AWG Code	—	Standard	1.88	1.30	4.62	Pink	Purple	L99	15	1.77	1.24
YSR38FX26FXLTCKITC			2/0 AWG Flex or Code	70 mm² Class 5	Standard	1.88	1.13	4.62	Pink	Black	L99	13	1.77	1.19
YSR3434FXLTCKITC	500 kcmil Code	240 mm²	350 kcmil Flex	240 mm²	Standard	1.69	1.69	3.51	Brown	Blue	20	19 or L80	1.60	1.60
YSR3431LTCKITC			350 kcmil Code	185 mm²	Standard	1.69	1.49	3.66	Brown	Red	20	18	1.60	1.41
YSR3429FXLTCKITC			4/0 AWG Flex	120 mm²	Standard	1.69	1.44	3.81	Brown	Yellow	20	16	1.60	1.38
YSR3428FXLTCKITC			4/0 AWG Flex or Telco Flex	120 mm²	Standard	1.69	1.43	3.78	Brown	Purple	20	15	1.60	1.36
YSR3428LTCKITC			4/0 AWG Code	—	Standard	1.69	1.30	3.93	Brown	Purple	20	15	1.60	1.24
YSR3425FXLTCKITC			1/0 AWG Flex or Code	50 mm²	Standard	1.69	1.04	4.01	Brown	Pink	20	12	1.60	1.00

† Provided with 2 heat shrink tubings. One will overlap the other. Install the smaller first and larger second.

** **Clear** Heatshrink – UL224 VW1 Listed – passes TELCORDIA GR-347-CORE Abrasion and Cut Test. (Up to 750 kcmil Class B code cable. Contact factory for 750 flex cable applications.)

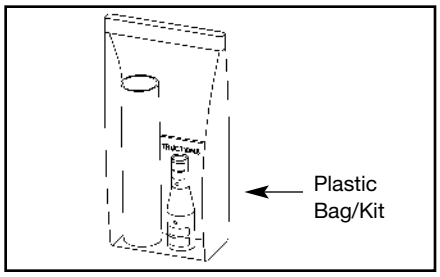
Note 1: All dimensions shown are for reference only.
Note 2: Non-inspection window versions are available. Please contact customer service.
Note 3: Installation Tooling Charts on pages C-94 - C-99.

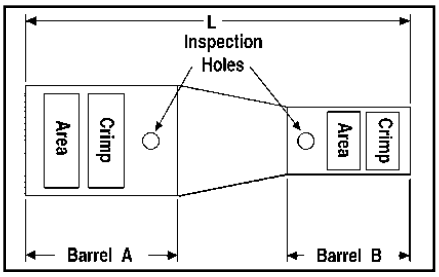
Blue highlighted items are industry standard and most frequently ordered.

TYPE YSR-TC

HYREDUCER™ (Continued)

In-line Reducer Splice Kits for Telecommunications Applications





** Clear Heat Shrink Kit Catalog Number	Wire Range				Connector								Wire Strip Length	
	Barrel A		Barrel B		Barrel Type	Dimensions			Color Code		Die Index			
	AWG	mm²	AWG	mm²		Barrel A	Barrel B	L	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B
YSR34FX31LTCKITC	350 kcmil Flex	240 mm²	350 kcmil Code	185 mm²	Standard	1.69	1.49	3.63	Blue	Red	19 or L80	18	1.60	1.41
YSR34FX29FXLTCKITC			4/0 AWG Flex	120 mm²	Standard	1.69	1.44	3.81	Blue	Yellow	19 or L80	16	1.60	1.38
YSR34FX28FXLTCKITC			4/0 AWG Flex or Telco Flex	120 mm²	Standard	1.69	1.43	3.86	Blue	Purple	19 or L80	15	1.60	1.36
YSR34FX28LTCKITC			4/0 AWG Code	—	Standard	1.69	1.30	3.95	Blue	Purple	19 or L80	15	1.60	1.24
YSR34FX26FXLTCKITC			2/0 AWG Flex or Code	70 mm² Class 5	Standard	1.69	1.13	3.94	Blue	Black	19 or L80	13	1.60	1.09
YSR34FX25FXLTCKITC			1/0 AWG Flex or Code	50 mm²	Standard	1.69	1.04	4.01	Blue	Pink	19 or L80	12	1.60	1.00
YSR34FX2CFXLTCKITC			#2 AWG Flex or Code	35 mm²	Standard	1.69	0.82	4.02	Blue	Brown	19 or L80	10	1.60	0.78
YSR34FX4CFXLTCKITC			#4 AWG Flex or Code	—	Standard	1.69	0.74	4.11	Blue	Gray	19 or L80	8	1.60	0.71
YSR34FX6CFXLTCKITC			#6 AWG Flex or Code	16 mm²	Standard	1.69	0.73	4.26	Blue	Blue	19 or L80	7	1.60	0.70
YSR32FX29FXLTCKITC	300 kcmil Flex	185 mm² Class 2	4/0 AWG Flex	120 mm²	Standard	1.57	1.44	3.50	Red	Yellow	19 or L80	16	1.48	1.38
YSR32FX28FXLTCKITC			4/0 AWG Flex or Telco Flex	120 mm²	Standard	1.57	1.43	3.46	Red	Purple	19 or L80	15	1.48	1.36
YSR3129FXLTCKITC	350 kcmil Code	185 mm² Class 2	4/0 AWG Flex	120 mm²	Standard	1.49	1.44	3.13	Red	Yellow	18	16	1.41	1.38
YSR3128FXLTCKITC			4/0 AWG Flex or Telco Flex	120 mm²	Standard	1.49	1.43	3.25	Red	Purple	19 or L80	15	1.41	1.36
YSR3128LTCKITC			4/0 AWG Code	—	Standard	1.49	1.30	3.27	Red	Purple	18	15	1.41	1.24
YSR3126FXLTCKITC			2/0 AWG Flex or Code	70 mm² Class 5	Standard	1.49	1.16	3.24	Red	Black	18	13	1.41	1.10
YSR3125FXLTCKITC			1/0 AWG Flex or Code	50 mm²	Standard	1.49	1.04	3.33	Red	Pink	18	12	1.41	1.00
YSR312CFXLTCKITC			#2 AWG Flex or Code	35 mm²	Standard	1.49	0.82	3.37	Red	Brown	18	10	1.41	0.78
YSR314CFXLTCKITC			#4 AWG Flex or Code	—	Standard	1.49	0.74	3.43	Red	Gray	18	8	1.41	0.71
YSR316CFXLTCKITC			#6 AWG Flex or Code	16 mm²	Standard	1.49	0.73	3.58	Red	Blue	18	7	1.41	0.70
YSR29FX28LTCKITC	4/0 AWG Flex	120 mm²	4/0 AWG Code	—	Standard	1.44	1.30	3.00	Yellow	Purple	16	15	1.38	1.24
YSR29FX25FXLTCKITC			1/0 AWG Flex or Code	50 mm²	Standard	1.44	1.04	3.07	Yellow	Pink	16	12	1.38	1.00
YSR29FX2CFXLTCKITC			#2 AWG Flex or Code	35 mm²	Standard	1.44	0.82	3.11	Yellow	Brown	16	10	1.38	0.78

† Provided with 2 heat shrink tubings. One will overlap the other. Install the smaller first and larger second.

** **Clear** Heatshrink – UL224 VW1 Listed – passes TELCORDIA GR-347-CORE Abrasion and Cut Test. (Up to 750 kcmil Class B code cable. Contact factory for 750 flex cable applications.)

Note 1: All dimensions shown are for reference only.
Note 2: Non-inspection window versions are available. Please contact customer service.
Note 3: Installation Tooling Charts on pages C-94 - C-99.

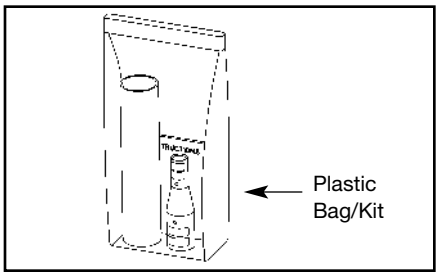
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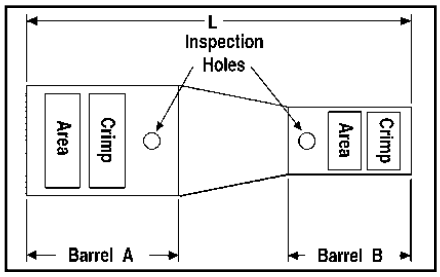
Blue highlighted items are industry standard and most frequently ordered.

TYPE YSR-TC

HYREDUCER™
(Continued)

In-line Reducer Splice Kits for Telecommunications Applications





** Clear Heat Shrink Kit Catalog Number	Wire Range				Connector								Wire Strip Length	
	Barrel A		Barrel B		Barrel Type	Dimensions			Color Code		Die Index			
	AWG	mm²	AWG	mm²		Barrel A	Barrel B	L	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B
YSR28FX28LTCKITC	4/0 AWG Flex or Telco Flex	120 mm²	4/0 AWG Code	—	Standard	1.43	1.43	3.00	Purple	Purple	15	15	1.36	1.36
YSR28FX26FXLTCKITC			2/0 AWG Flex or Code	70 mm² Class 5	Standard	1.43	1.13	2.94	Purple	Black	15	13	1.36	1.19
YSR28FX25FXLTCKITC			1/0 AWG Flex or Code	50 mm²	Standard	1.43	1.04	2.94	Purple	Pink	15	12	1.36	1.00
YSR28FX2CFXLTCKITC			#2 AWG Flex or Code	35 mm²	Standard	1.43	0.82	2.92	Purple	Brown	15	10	1.36	0.78
YSR28FX4CFXLTCKITC			#4 AWG Flex or Code	—	Standard	1.43	0.74	3.19	Purple	Gray	15	8	1.36	0.71
YSR2825FXLTCKITC	4/0 AWG Code	—	1/0 AWG Flex or Code	50 mm²	Standard	1.30	1.04	2.66	Purple	Pink	15	12	1.24	1.00
YSR282CFXLTCKITC			#2 AWG Flex or Code	35 mm²	Standard	1.30	0.82	2.70	Purple	Brown	15	10	1.24	0.78
YSR284CFXLTCKITC			#4 AWG Flex or Code	—	Standard	1.30	0.74	2.69	Purple	Gray	15	8	1.24	0.71
YSR286CFXLTCKITC			#6 AWG Flex or Code	16 mm²	Standard	1.30	0.73	2.99	Purple	Blue	15	7	1.24	0.70
YSR26FX25FXLTCKITC	2/0 AWG Flex or Code	70 mm²	1/0 AWG Flex or Code	50 mm²	Standard	1.16	1.04	2.36	Black	Pink	13	12	1.10	1.00
YSR26FX2CFXLTCKITC			#2 AWG Flex or Code	35 mm²	Standard	1.16	0.82	2.41	Black	Brown	13	10	1.10	0.78
YSR26FX4CFXLTCKITC			#4 AWG Flex or Code	—	Standard	1.16	0.74	2.47	Black	Gray	13	8	1.10	0.71
YSR26FX6CFXLTCKITC †			#6 AWG Flex or Code	16 mm²	Standard	1.16	0.73	2.71	Black	Blue	13	7	1.10	0.70
YSR25FX2CFXLTCKITC	1/0 AWG Flex or Code	50 mm²	#2 AWG Flex or Code	35 mm²	Standard	1.04	0.82	2.12	Pink	Brown	12	10	1.00	0.78
YSR25FX4CFXLTCKITC			#4 AWG Flex or Code	—	Standard	1.04	0.74	2.18	Pink	Gray	12	8	1.00	0.71
YSR25FX6CFXLTCKITC †			#6 AWG Flex or Code	16 mm²	Standard	1.04	0.73	2.42	Pink	Blue	12	7	1.00	0.70
YSR2CFX4CFXLTCKITC	#2 AWG Flex or Code	35 mm²	#4 AWG Flex or Code	—	Standard	0.82	0.74	1.79	Brown	Gray	10	8	0.78	0.71
YSR2CFX6CFXLTCKITC			#6 AWG Flex or Code	16 mm²	Standard	0.82	0.73	1.93	Brown	Blue	10	7	0.78	0.70
YSR2CFX8CFXLTCKITC			#8 AWG Flex or Code	10 mm²	Standard	0.82	0.60	1.79	Brown	Red	10	49	0.78	0.57
YSR4CFX6CFXLTCKITC	#4 AWG Flex or Code	—	#6 AWG Flex or Code	16 mm²	Standard	0.74	0.73	1.67	Gray	Blue	8	7	0.71	0.70
YSR4CFX8CFXLTCKITC			#8 AWG Flex or Code	10 mm²	Standard	0.74	0.60	1.50	Gray	Red	8	49	0.71	0.57
YSR4CFX10CLTCKITC			#10 AWG Flex or Code	6 mm² Str. or 2.5 mm² Flex	Standard	0.74	0.66	1.66	Gray	—	8	—	0.71	0.63

† Provided with 2 heat shrink tubings. One will overlap the other. Install the smaller first and larger second.

** **Clear** Heatshrink – UL224 VW1 Listed – passes TELCORDIA GR-347-CORE Abrasion and Cut Test. (Up to 750 kcmil Class B code cable. Contact factory for 750 flex cable applications.)

Note 1: All dimensions shown are for reference only.
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Note 3: Installation Tooling Charts on pages C-94 - C-99.

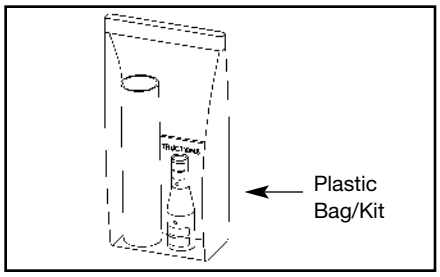
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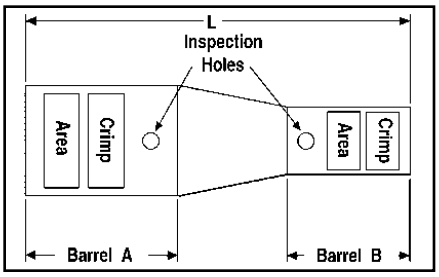
Blue highlighted items are industry standard and most frequently ordered.

TYPE YSR-TC

HYREDUCER™
(Continued)

In-line Reducer Splice Kits for Telecommunications Applications





** Clear Heat Shrink Kit Catalog Number	Wire Range				Connector								Wire Strip Length	
	Barrel A		Barrel B		Barrel Type	Dimensions			Color Code		Die Index			
	AWG	mm^2	AWG	mm^2		Barrel A	Barrel B	L	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B
YSR6CFX8CFXLTCKITC	#6 AWG Flex or Code	16 mm^2	#8 AWG Flex or Code	10 mm^2	Standard	0.73	0.60	1.37	Blue	Red	7	49	0.70	0.57
YSR6CFX10CLTCKITC			#10 AWG Flex or Code	6 mm^2 Str. or 2.5 mm^2 Flex	Standard	0.73	0.66	1.53	Blue	—	7	—	0.70	0.63
YSR8CFX10CLTCKITC	#8 AWG Flex or Code	10 mm^2	#10 AWG Flex or Code	6 mm^2 Str. or 2.5 mm^2 Flex	Standard	0.60	0.66	1.41	Red	—	49	—	0.57	0.63
YSR8CFX14CLTCKITC			#14 AWG Flex or Code	6 mm^2 Str. or 2.5 mm^2 Flex	Standard	0.60	0.66	1.41	Red	—	49	—	0.57	0.06
YSR10CFX12CLTCKITC	#10 AWG Flex or Code	6 mm^2 Str. or 2.5 mm^2 Flex	#12 AWG Flex or Code	6 mm^2 Str. or 2.5 mm^2 Flex	Standard	0.66	0.66	1.45	—	—	—	—	0.63	0.63
YSR10CFX14CLTCKITC			#14 AWG Flex or Code	6 mm^2 Str. or 2.5 mm^2 Flex	Standard	0.66	0.66	1.45	—	—	—	—	0.63	0.63

† Provided with 2 heat shrink tubings. One will overlap the other. Install the smaller first and larger second.

** **Clear** Heatshrink – UL224 VW1 Listed – passes TELCORDIA GR-347-CORE Abrasion and Cut Test. (Up to 750 kcmil Class B code cable. Contact factory for 750 flex cable applications.)

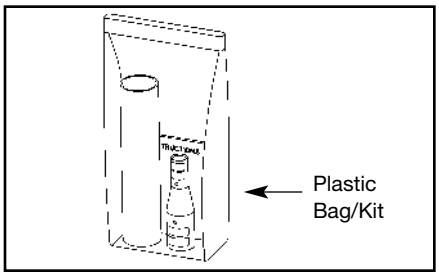
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Note 2: Non-inspection window versions are available. Please contact customer service.
Note 3: Installation Tooling Charts on pages C-94 - C-99.

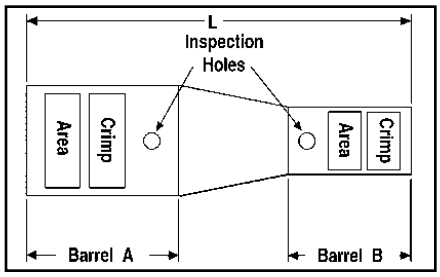
Blue highlighted items are industry standard and most frequently ordered.

TYPE YSR-TC

INSTALLATION TOOLING CHART

In-line Reducer Splice Kits for Telecommunications Applications





Installation Tooling																
** Clear Heat Shrink Kit Catalog Number	Wire Range				Color Code		Die Index		Hydraulic Y750, Y35, Y46, PAT750, BAT750		Hydraulic BCT500HS, Y500CTHS		Mechanical 0UR840, MD7-34		Dieless Y/PAT644 Series, MY29-11	
	Barrel A		Barrel B													
	AWG	mm²	AWG	mm²	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B
YSR44FX39LTCKITC	750 kcmil Flex	500 mm² Class 5	750 kcmil Code	—	Yellow	Black	L115	24	U44XRT (2)	U39RT (2) P39RT (2)	—	—	—	—	Y644M (1) PAT644M (1)	Y644M (1) PAT644M (1)
YSR44FX38FXLTCKITC			500 kcmil Flex	300 mm²	Yellow	Pink	L115	L99	U44XRT (2)	U38XRT (2)	—	—	—	—	Y644M (1) PAT644M (1)	Y644M (1) PAT644M (1)
YSR44FX34LTCKITC			500 kcmil Code	240 mm²	Yellow	Brown	L115	20	U44XRT (2)	U34RT (2) U31ART (2)	—	W34VT (2) W34RT (2)	—	W34VT (2) W34RT (2)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR44FX34FXLTCKITC			350 kcmil Flex	240 mm²	Yellow	Blue	L115	19 or L80	U44XRT (2)	U32RT (2)	—	W32VT (2) W32RT (2)	—	W32VT (2) W32RT (2)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR44FX31LTCKITC			350 kcmil Code	185 mm²	Yellow	Red	L115	18	U44XRT (2)	U31RT (2)	—	W31VT (2) W31RT (2)	—	W31VT (2) W31RT (2)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR44FX30LTCKITC			300 kcmil Code	150 mm²	Yellow	White	L115	17 or 298	U44XRT (2)	U30RT (2)	—	W30VT (2) W30RT (2)	—	W30VT (2) W30RT (2)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR44FX29FXLTCKITC			4/0 AWG Flex	120 mm²	Yellow	Yellow	L115	16	U44XRT (2)	U29RT (1)	—	W29VT (2) W29RT (2) X29RT (4)	—	W29VT (2) W29RT (2) X29RT (4)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR44FX28FXLTCKITC			4/0 AWG Flex or Telco Flex	120 mm²	Yellow	Purple	L115	15	U44XRT (2)	U28RT (1)	—	W28VT (2) W28RT (2) X28RT (3)	—	W28VT (2) W28RT (2) X28RT (3)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR44FX28LTCKITC			4/0 AWG Code	—	Yellow	Purple	L115	15	U44XRT (2)	U28RT (1)	—	W28VT (2) W28RT (2) X28RT (3)	—	W28VT (2) W28RT (2) X28RT (3)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), MRC840 (2) PAT644M (1)
YSR3939LTCKITC	750 kcmil Code	—	750 kcmil Code	—	Black	Black	24	24	U39RT (2) P39RT (2)	U39RT (2) P39RT (2)	—	—	—	—	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR3938FXLTCKITC			500 kcmil Flex	300 mm²	Black	Pink	24	L99	U39RT (2) P39RT (2)	U38XRT (2)	—	—	—	—	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR3934LTCKITC			500 kcmil Code	240 mm²	Black	Brown	24	20	U39RT (2) P39RT (2)	U34RT (2) U31ART (2)	—	W34VT (2) W34RT (2)	—	W34VT (2) W34RT (2)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR3934FXLTCKITC			350 kcmil Flex	240 mm²	Black	Blue	24	19 or L80	U39RT (2) P39RT (2)	U32RT (2)	—	W32VT (2) W32RT (2)	—	W32VT (2) W32RT (2)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR3931LTCKITC			350 kcmil Code	185 mm²	Black	Red	24	18	U39RT (2) P39RT (2)	U31RT (2)	—	W31VT (2) W31RT (2)	—	W31VT (2) W31RT (2)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR3930LTCKITC			300 kcmil Code	150 mm²	Black	White	24	17 or 298	U39RT (2) P39RT (2)	U30RT (2)	—	W30VT (2) W30RT (2)	—	W30VT (2) W30RT (2)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR3929FXLTCKITC			4/0 AWG Flex	120 mm²	Black	Yellow	24	16	U39RT (2) P39RT (2)	U29RT (1)	—	W29VT (2) W29RT (2) X29RT (4)	—	W29VT (2) W29RT (2) X29RT (4)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR3928FXLTCKITC			4/0 AWG Flex or Telco Flex	120 mm²	Black	Purple	24	15	U39RT (2) P39RT (2)	U28RT (1)	—	W28VT (2) W28RT (2) X28RT (3)	—	W28VT (2) W28RT (2) X28RT (3)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR3928LTCKITC			4/0 AWG Code	—	Black	Purple	24	15	U39RT (2) P39RT (2)	U28RT (1)	—	W28VT (2) W28RT (2) X28RT (3)	—	W28VT (2) W28RT (2) X28RT (3)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), PAT644M (1) MRC840 (2)

Note 1: All dimensions shown are for reference only.
Note 2: Non-inspection window versions are available. Please contact customer service.

† Provided with 2 heat shrink tubings. One will overlap the other. Install the smaller first and larger second.
** **Clear** Heatshrink – UL224 VW1 Listed – passes TELCORDIA GR-347-CORE Abrasion and Cut Test.

(Up to 750 kcmil Class B code cable. Contact factory for 750 flex cable applications.)

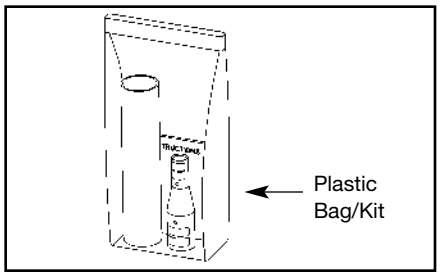
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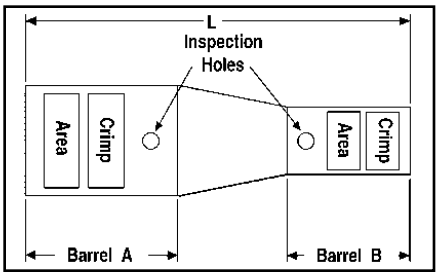
Blue highlighted items are industry standard and most frequently ordered.

TYPE YSR-TC

INSTALLATION TOOLING CHART (Continued)

In-line Reducer Splice Kits for Telecommunications Applications





Installation Tooling																	
** Clear Heat Shrink Kit Catalog Number	Wire Range				Color Code		Die Index		Hydraulic Y750, Y35, Y46, PAT750, BAT750		Hydraulic BCT500HS, Y500CTHS		Mechanical OUR840, MD7-34		Dieless Y/PAT644 Series, MY29-11	
	Barrel A		Barrel B													
	AWG	mm²	AWG	mm²	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B
YSR38FX34LTCKITC	500 kcmil Flex	300 mm²	500 kcmil Code	240 mm²	Pink	Brown	L99	20	U38XRT (2)	U34RT (2) U31ART (2)	—	W34VT (2) W34RT (2)	—	W34VT (2) W34RT (2)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR38FX34FXLTCKITC			350 kcmil Flex	240 mm²	Pink	Blue	L99	19 or L80	U38XRT (2)	U32RT (2)	—	W32VT (2) W32RT (2)	—	W32VT (2) W32RT (2)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR38FX31LTCKITC			350 kcmil Code	185 mm²	Pink	Red	L99	18	U38XRT (2)	U31RT (2)	—	W31VT (2) W31RT (2)	—	W31VT (2) W31RT (2)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR38FX30LTCKITC			300 kcmil Code	150 mm²	Pink	White	L99	17 or 298	U38XRT (2)	U30RT (2)	—	W30VT (2) W30RT (2)	—	W30VT (2) W30RT (2)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR38FX26FXLTCKITC			2/0 AWG Flex or Code	70 mm² Class 5	Pink	Black	L99	13	U38XRT (2)	U26RT (1)	—	W26VT (2) W26RT (2) X26RT (2)	—	W26VT (2) W26RT (2) X26RT (2)	Y644M (1), PAT644M (1)	MY29-11 (1) Y644M (1) PAT644M (1)
YSR38FX29FXLTCKITC			4/0 AWG Flex	120 mm²	Pink	Yellow	L99	16	U38XRT (2)	U29RT (1)	—	W29VT (2) W29RT (2) X29RT (4)	—	W29VT (2) W29RT (2) X29RT (4)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR38FX28FXLTCKITC			4/0 AWG Flex or Telco Flex	120 mm²	Pink	Purple	L99	15	U38XRT (2)	U28RT (1)	—	W28VT (2) W28RT (2) X28RT (3)	—	W28VT (2) W28RT (2) X28RT (3)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR38FX28LTCKITC			4/0 AWG Code	—	Pink	Purple	L99	15	U38XRT (2)	U28RT (1)	—	W28VT (2) W28RT (2) X28RT (3)	—	W28VT (2) W28RT (2) X28RT (3)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), PAT644M (1) MRC840 (2)
YSR3434FXLTCKITC	500 kcmil Code	240 mm²	350 kcmil Flex	240 mm²	Brown	Blue	20	19 or L80	U34RT (2) U31ART (2)	U32RT (2)	W34VT (2) W34RT (2)	W32VT (2) W32RT (2)	W34VT (2) W34RT (2)	W32VT (2) W32RT (2)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR3431LTCKITC			350 kcmil Code	185 mm²	Brown	Red	20	18	U34RT (2) U31ART (2)	U31RT(2)	W34VT (2) W34RT (2)	W31VT (2) W31RT (2)	W34VT (2) W34RT (2)	W31VT (2) W31RT (2)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR3429FXLTCKITC			4/0 AWG Flex	120 mm²	Brown	Yellow	20	16	U34RT (2) U31ART (2)	U29RT (1)	W34VT (2) W34RT (2)	W29VT (2) W29RT (2) X29RT (4)	W34VT (2) W34RT (2)	W29VT (2) W29RT (2) X29RT (4)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR3428FXLTCKITC			4/0 AWG Flex or Telco Flex	120 mm²	Brown	Purple	20	15	U34RT (2) U31ART (2)	U28RT (1)	W34VT (2) W34RT (2)	W28VT (2) W28RT (2) X28RT (3)	W34VT (2) W34RT (2)	W28VT (2) W28RT (2) X28RT (3)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR3428LTCKITC			4/0 AWG Code	—	Brown	Purple	20	15	U34RT (2) U31ART (2)	U28RT (1)	W34VT (2) W34RT (2)	W28VT (2) W28RT (2) X28RT (3)	W34VT (2) W34RT (2)	W28VT (2) W28RT (2) X28RT (3)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), PAT644M (1) MRC840 (2)
YSR3425FXLTCKITC			1/0 AWG Flex or Code	50 mm²	Brown	Pink	20	12	U34RT (2) U31ART (2)	U25RT (1)	W34VT (2) W34RT (2)	W25VT (2) W25RT (2) X25RT (2)	W34VT (2) W34RT (2)	W25VT (2) W25RT (2) X25RT (2)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1) PAT644M (1)
YSR34FX31LTCKITC	350 kcmil Flex	240 mm²	350 kcmil Code	185 mm²	Blue	Red	19 or L80	18	U32RT (2)	U31RT (2)	W32VT (2) W32RT (2)	W31VT (2) W31RT (2)	W32VT (2) W32RT (2)	W31VT (2) W31RT (2)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR34FX29FXLTCKITC			4/0 AWG Flex	120 mm²	Blue	Yellow	19 or L80	16	U32RT (2)	U29RT (1)	W32VT (2) W32RT (2)	W29VT (2) W29RT (2) X29RT (4)	W32VT (2) W32RT (2)	W29VT (2) W29RT (2) X29RT (4)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)

Note 1: All dimensions shown are for reference only.
Note 2: Non-inspection window versions are available. Please contact customer service.

† Provided with 2 heat shrink tubings. One will overlap the other. Install the smaller first and larger second.
** **Clear** Heatshrink – UL224 VW1 Listed – passes TELCORDIA GR-347-CORE Abrasion and Cut Test.

(Up to 750 kcmil Class B code cable. Contact factory for 750 flex cable applications.)

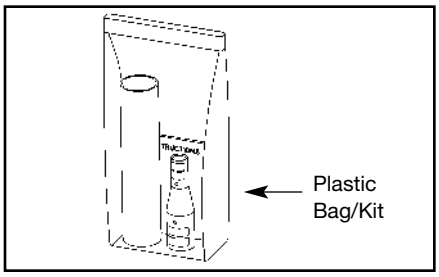
(Installation Tooling Chart continued on next 4 pages)

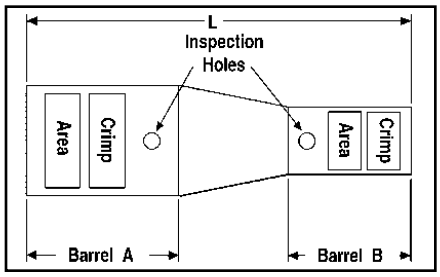
Blue highlighted items are industry standard and most frequently ordered.

TYPE YSR-TC

INSTALLATION TOOLING CHART (Continued)

In-line Reducer Splice Kits for Telecommunications Applications





Installation Tooling																
** Clear Heat Shrink Kit Catalog Number	Wire Range				Color Code		Die Index		Hydraulic Y750, Y35, Y46, PAT750, BAT750		Hydraulic BCT500HS, Y500CTHS		Mechanical 0UR840, MD7-34		Dieless Y/PAT644 Series, MY29-11	
	Barrel A		Barrel B													
	AWG	mm²	AWG	mm²	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B
YSR34FX28FXLTCKITC	350 kcmil Flex	240 mm²	4/0 AWG Flex or Telco Flex	120 mm²	Blue	Purple	19 or L80	15	U32RT (2)	U28RT (1)	W32VT (2) W32RT (2)	W28VT (2) W28RT (2) X28RT (3)	W32VT (2) W32RT (2)	W28VT (2) W28RT (2) X28RT (3)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR34FX28LTCKITC			4/0 AWG Code	—	Blue	Purple	19 or L80	15	U32RT (2)	U28RT (1)	W32VT (2) W32RT (2)	W28VT (2) W28RT (2) X28RT (3)	W32VT (2) W32RT (2)	W28VT (2) W28RT (2) X28RT (3)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), PAT644M (1) MRC840 (2)
YSR34FX26FXLTCKITC			2/0 AWG Flex or Code	70 mm² Class 5	Blue	Black	19 or L80	13	U32RT (2)	U26RT (1)	W32VT (2) W32RT (2)	W26VT (2) W26RT (2) X26RT (2)	W32VT (2) W32RT (2)	W26VT (2) W26RT (2) X26RT (2)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1) PAT644M (1)
YSR34FX25FXLTCKITC			1/0 AWG Flex or Code	50 mm²	Blue	Pink	19 or L80	12	U32RT (2)	U25RT (1) U2CABT (1)	W32VT (2) W32RT (2)	W25VT (2) W25RT (2) X25RT (2)	W32VT (2) W32RT (2)	W25VT (2) W25RT (2) X25RT (2)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1) PAT644M (1)
YSR34FX2CFXLTCKITC			#2 AWG Flex or Code	35 mm²	Blue	Brown	19 or L80	10	U32RT (2)	U2CRT (1)	W32VT (2) W32RT (2)	W2CVT (1) W2CRT (1) X2CRT (1)	W32VT (2) W32RT (2)	W2CVT (1) W2CRT (1) X2CRT (1)	Y644M (1), PAT644M (1)	Y1MRTC (2), MY29-11 (1), Y644M (1) PAT644M (1)
YSR34FX4CFXLTCKITC			#4 AWG Flex or Code	—	Blue	Gray	19 or L80	8	U32RT (2)	U4CRT (1)	W32VT (2) W32RT (2)	W4CVT (1) W4CRT (1) X4CRT (1)	W32VT (2) W32RT (2)	W4CVT (1) W4CRT (1) X4CRT (1)	Y644M (1), PAT644M (1)	Y1MRTC (2), MY29-11 (1), Y644M (1) PAT644M (1)
YSR34FX6CFXLTCKITC			#6 AWG Flex or Code	16 mm²	Blue	Blue	19 or L80	7	U32RT (2)	U5CRT (1)	W32VT (2) W32RT (2)	W5CVT (1) W5CRT (1) X5CRT (1)	W32VT (2) W32RT (2)	W5CVT (1) W5CRT (1) X5CRT (1)	Y644M (1), PAT644M (1)	Y1MRTC (2), MY29-11 (1), Y644M (1) PAT644M (1)
YSR32FX29FXLTCKITC	300 kcmil Flex	185 mm² Class 2	4/0 AWG Flex	120 mm²	Red	Yellow	19 or L80	16	U31RT (2)	U29RT (1)	W31VT (2) W31RT (2)	W29VT (2) W29RT (2) X29RT (4)	W31VT (2) W31RT (2)	W29VT (2) W29RT (2) X29RT (4)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR32FX28FXLTCKITC			4/0 AWG Flex or Telco Flex	120 mm²	Red	Purple	19 or L80	15	U31RT (2)	U28RT (1)	W31VT (2) W31RT (2)	W28VT (2) W28RT (2) X28RT (3)	W31VT (2) W31RT (2)	W28VT (2) W28RT (2) X28RT (3)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), PAT644M (1) MRC840 (2)
YSR3129FXLTCKITC	350 kcmil Code	185 mm² Class 2	4/0 AWG Flex	120 mm²	Red	Yellow	18	16	U31RT (2)	U29RT (1)	W31VT (2)	W29RT (2) W31RT (2)	W29VT (2) W31VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR3128FXLTCKITC			4/0 AWG Flex or Telco Flex	120 mm²	Red	Purple	19 or L80	15	U31RT (2)	U28RT (1)	W31VT (2) W31RT (2)	W28VT (2) W28RT (2) X28RT (3)	W31VT (2)	W28VT (2) W28RT (2) X28RT (3)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR3128LTCKITC			4/0 AWG Code	—	Red	Purple	18	15	U31RT (2)	U28RT (1)	W31VT (2) W31RT (2)	W28VT (2) W28RT (2) X28RT (3)	W31VT (2)	W28VT (2) W28RT (2) X28RT (3)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), MRC840 (2) PAT644M (1

† Provided with 2 heat shrink tubings. One will overlap the other. Install the smaller first and larger second.

** **Clear** Heatshrink – UL224 VW1 Listed – passes TELCORDIA GR-347-CORE Abrasion and Cut Test. (Up to 750 kcmil Class B code cable. Contact factory for 750 flex cable applications.)

Note 1: All dimensions shown are for reference only.
Note 2: Non-inspection window versions are available. Please contact customer service.

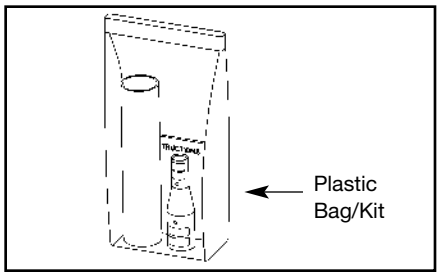
(Installation Tooling Chart continued on next 3 pages)

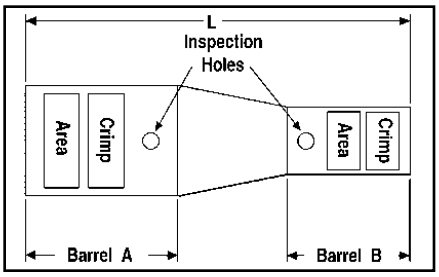
Blue highlighted items are industry standard and most frequently ordered.

TYPE YSR-TC

INSTALLATION TOOLING CHART (Continued)

In-line Reducer Splice Kits for Telecommunications Applications





Installation Tooling																	
** Clear Heat Shrink Kit Catalog Number	Wire Range				Color Code		Die Index		Hydraulic Y750, Y35, Y46, PAT750, BAT750		Hydraulic BCT500HS, Y500CTHS		Mechanical OUR840, MD7-34		Dieless Y/PAT644 Series, MY29-11	
	Barrel A		Barrel B													
	AWG	mm²	AWG	mm²	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B
YSR3126FXLTCKITC	350 kcmil Code	185 mm² Class 2	2/0 AWG Flex or Code	70 mm² Class 5	Red	Black	18	13	U31RT (2)	U26RT (1)	W31VT (2) W31RT (2)	W26VT (2) W26RT (2) X26RT (2)	W31VT (2)	W26VT (2) W26RT (2) X26RT (2)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), PAT644M (1)
YSR3125FXLTCKITC			1/0 AWG Flex or Code	50 mm²	Red	Pink	18	12	U31RT (2)	U25RT (1)	W31VT (2) W31RT (2)	W25VT (2) W25RT (2) X25RT (2)	W31VT (2)	W25VT (2) W25RT (2) X25RT (2)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), PAT644M (1)
YSR312CFXLTCKITC	350 kcmil Code	185 mm² Class 2	#2 AWG Flex or Code	35 mm²	Red	Brown	18	10	U31RT (2)	U2CRT (1)	W31VT (2) W31RT (2)	W2CVT (1) W2CRT (1) X2CRT (1)	W31VT (2)	W2CVT (1) W2CRT (1) X2CRT (1)	Y644M (1), PAT644M (1)	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)
YSR314CFXLTCKITC			#4 AWG Flex or Code	—	Red	Gray	18	8	U31RT (2)	U4CRT (1)	W31VT (2) W31RT (2)	W4CVT (1) W4CRT (1) X4CRT (1)	W31VT (2)	W4CVT (1) W4CRT (1) X4CRT (1)	Y644M (1), PAT644M (1)	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)
YSR316CFXLTCKITC			#6 AWG Flex or Code	16 mm²	Red	Blue	18	7	U31RT (2)	U5CRT (1)	W31VT (2) W31RT (2)	W5CVT (1) W5CRT (1) X5CRT (1)	W31VT (2)	W5CVT (1) W5CRT (1) X5CRT (1)	Y644M (1), PAT644M (1)	Y1MRTC (1), MY29-11 (1), Y644M (1), PAT644M (1)
YSR29FX28LTCKITC	4/0 AWG Flex	120 mm²	4/0 AWG Code	—	Yellow	Purple	16	15	U29RT (1)	U28RT (1)	W29VT (2) W29RT (2) X29RT (4)	W28VT (2) W28RT (2) X28RT (3)	W29VT (2) W29RT (2) X29RT (4)	W28VT (2) W28RT (2) X28RT (3)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), PAT644M (1), MRC840 (2)
YSR29FX25FXLTCKITC			1/0 AWG Flex or Code	50 mm²	Yellow	Pink	16	12	U29RT (1)	U25RT (1)	W29VT (2) W29RT (2) X29RT (4)	W25VT (2) W25RT (2) X25RT (2)	W29VT (2) W29RT (2) X29RT (4)	W25VT (2) W25RT (2) X25RT (2)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), PAT644M (1)
YSR29FX2CFXLTCKITC			#2 AWG Flex or Code	35 mm²	Yellow	Brown	16	10	U29RT (1)	U2CRT (1)	W29VT (2) W29RT (2) X29RT (4)	W2CVT (1) W2CRT (1) X2CRT (1)	W29VT (2) W29RT (2) X29RT (4)	W2CVT (1) W2CRT (1) X2CRT (1)	Y644M (1), PAT644M (1)	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)
YSR28FX28LTCKITC	4/0 AWG Flex or Telco Flex	120 mm²	4/0 AWG Code	—	Purple	Purple	15	15	U28RT (1)	U28RT (1)	W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), PAT644M (1) MRC840 (2)
YSR28FX26FXLTCKITC			2/0 AWG Flex or Code	70 mm² Class 5	Purple	Black	15	13	U28RT (1)	U26RT (1)	W28VT (2) W28RT (2) X28RT (3)	W26VT (2) W26RT (2) X26RT (2)	W28VT (2) W28RT (2) X28RT (3)	W26VT (2) W26RT (2) X26RT (2)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), PAT644M (1)
YSR28FX25FXLTCKITC			1/0 AWG Flex or Code	50 mm²	Purple	Pink	15	12	U28RT (1)	U25RT (1)	W28VT (2) W28RT (2) X28RT (3)	W25VT (2) W25RT (2) X25RT (2)	W28VT (2) W28RT (2) X28RT (3)	W25VT (2) W25RT (2) X25RT (2)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), PAT644M (1)
YSR28FX2CFXLTCKITC			#2 AWG Flex or Code	35 mm²	Purple	Brown	15	10	U28RT (1)	U2CRT (10)	W28VT (2) W28RT (2) X28RT (3)	W2CVT (1) W2CRT (1) X2CRT (1)	W28VT (2) W28RT (2) X28RT (3)	W2CVT (1) W2CRT (1) X2CRT (1)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), PAT644M (1), Y1MRTC (2)

† Provided with 2 heat shrink tubings. One will overlap the other. Install the smaller first and larger second.

** **Clear** Heatshrink – UL224 VW1 Listed – passes TELCORDIA GR-347-CORE Abrasion and Cut Test. (Up to 750 kcmil Class B code cable. Contact factory for 750 flex cable applications.)

Note 1: All dimensions shown are for reference only.
Note 2: Non-inspection window versions are available. Please contact customer service.

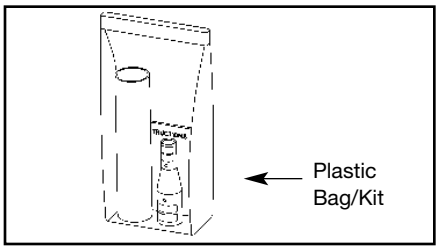
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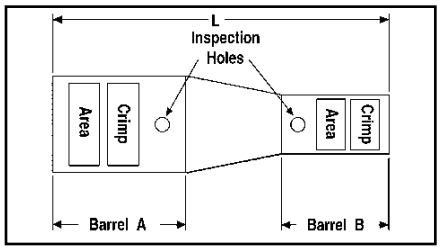
Blue highlighted items are industry standard and most frequently ordered.

TYPE YSR-TC

INSTALLATION TOOLING CHART (Continued)

In-line Reducer Splice Kits for Telecommunications Applications





Installation Tooling																
** Clear Heat Shrink Kit Catalog Number	Wire Range				Color Code		Die Index		Hydraulic Y750, Y35, Y46, PAT750, BAT750		Hydraulic BCT500HS, Y500CTHS		Mechanical 0UR840, MD7-34		Dieless Y/PAT644 Series, MY29-11	
	Barrel A		Barrel B													
	AWG	mm²	AWG	mm²	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B
YSR28FX4CFXLTCKITC	4/0 AWG Flex or Telco Flex	120 mm²	#4 AWG Flex or Code	—	Purple	Gray	15	8	U28RT (1)	U4CRT (1)	W28VT (2) W28RT (2) X28RT (3)	W4CVT (1) W4CRT (1) X4CRT (1)	W28VT (2) W28RT (2) X28RT (3)	W4CVT (1) W4CRT (1) X4CRT (1)	Y644M (1), PAT644M (1)	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)
YSR2825FXLTCKITC	4/0 AWG Code	—	1/0 AWG Flex or Code	50 mm²	Purple	Pink	15	12	U28RT (1)	U25RT (1)	W28VT (2) W28RT (2) X28RT (3)	W25VT (2) W25RT (2) X25RT (2)	W28VT (2) W28RT (2) X28RT (3)	W25VT (2) W25RT (2) X25RT (2)	MY29-11 (1), Y644M (1), PAT644M (1)	MRC840 (2) MY29-11 (1), Y644M (1), PAT644M (1)
YSR282CFXLTCKITC			#2 AWG Flex or Code	35 mm²	Purple	Brown	15	10	U28RT (1)	U2CRT (1)	W28VT (2) W28RT (2) X28RT (3)	W2CVT (1) W2CRT (1) X2CRT (1)	W28VT (2) W28RT (2) X28RT (3)	W2CVT (1) W2CRT (1) X2CRT (1)	MY29-11 (1), Y644M (1), PAT644M (1) MRC840 (2)	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)
YSR284CFXLTCKITC	4/0 AWG Code	—	#4 AWG Flex or Code	—	Purple	Gray	15	8	U28RT (1)	U4CRT (1)	W28VT (2) W28RT (2) X28RT (3)	W4CVT (1) W4CRT (1) X4CRT (1)	W28VT (2) W28RT (2) X28RT (3)	W4CVT (1) W4CRT (1) X4CRT (1)	MY29-11 (1), Y644M (1), PAT644M (1) MRC840 (2)	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)
YSR286CFXLTCKITC			#6 AWG Flex or Code	16 mm²	Purple	Blue	15	7	U28RT (1)	U5CRT (1)	W28VT (2) W28RT (2) X28RT (3)	W5CVT (1) W5CRT (1) X5CRT (1)	W28VT (2) W28RT (2) X28RT (3)	W5CVT (1) W5CRT (1) X5CRT (1)	MY29-11 (1), Y644M (1), PAT644M (1), MRC840 (2)	Y1MRTC (1), MY29-11 (1), Y644M (1), PAT644M (1)
YSR26FX25FXLTCKITC	2/0 AWG Flex or Code	70 mm²	1/0 AWG Flex or Code	50 mm²	Black	Pink	13	12	U26RT (1)	U25RT (1)	W26VT (2) W26RT (2) X26RT (2)	W25VT (2) W25RT (2) X25RT (2)	W26VT (2) W26RT (2) X26RT (2)	W25VT (2) W25RT (2) X25RT (2)	MY29-11 (1), Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), PAT644M (1)
YSR26FX2CFXLTCKITC			#2 AWG Flex or Code	35 mm²	Black	Brown	13	10	U26RT (1)	U2CRT (1)	W26VT (2) W26RT (2) X26RT (2)	W2CVT (1) W2CRT (1) X2CRT (1)	W26VT (2) W26RT (2) X26RT (2)	W2CVT (1) W2CRT (1) X2CRT (1)	MY29-11 (1), Y644M (1), PAT644M (1)	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)
YSR26FX4CFXLTCKITC			#4 AWG Flex or Code	—	Black	Gray	13	8	U26RT (1)	U4CRT (1)	W26VT (2) W26RT (2) X26RT (2)	W4CVT (1) W4CRT (1) X4CRT (1)	W26VT (2) W26RT (2) X26RT (2)	W4CVT (1) W4CRT (1) X4CRT (1)	MY29-11 (1), Y644M (1), PAT644M (1)	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)
YSR26FX6CFXLTCKITC †			#6 AWG Flex or Code	16 mm²	Black	Blue	13	7	U26RT (1)	U5CRT (1)	W26VT (2) W26RT (2) X26RT (2)	W5CVT (1) W5CRT (1) X5CRT (1)	W26VT (2) W26RT (2) X26RT (2)	W5CVT (1) W5CRT (1) X5CRT (1)	MY29-11 (1), Y644M (1), PAT644M (1)	Y1MRTC (1), MY29-11 (1), Y644M (1), PAT644M (1)
YSR25FX2CFXLTCKITC	1/0 AWG Flex or Code	50 mm²	#2 AWG Flex or Code	35 mm2	Pink	Brown	12	10	U25RT (1)	U2CRT (1)	W25VT (2) W25RT (2) X25RT (2)	W2CVT (1) W2CRT (1) X2CRT (1)	W25VT (2) W25RT (2) X25RT (2)	W2CVT (1) W2CRT (1) X2CRT (1)	MY29-11 (1), Y644M (1), PAT644M (1)	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)
YSR25FX4CFXLTCKITC			#4 AWG Flex or Code	—	Pink	Gray	12	8	U25RT (1)	U4CRT (1)	W25VT (2) W25RT (2) X25RT (2)	W4CVT (1) W4CRT (1) X4CRT (1)	W25VT (2) W25RT (2) X25RT (2)	W4CVT (1) W4CRT (1) X4CRT (1)	MY29-11 (1), Y644M (1), PAT644M (1)	Y1MRTC (1), MY29-11 (1), Y644M (1), PAT644M (1)
YSR25FX6CFXLTCKITC †			#6 AWG Flex or Code	16 mm²	Pink	Blue	12	7	U25RT (1)	U5CRT (1)	W25VT (2) W25RT (2) X25RT (2)	W5CVT (1) W5CRT (1) X5CRT (1)	W25VT (2) W25RT (2) X25RT (2)	W5CVT (1) W5CRT (1) X5CRT (1)	MY29-11 (1), Y644M (1), PAT644M (1)	Y1MRTC (1), MY29-11 (1), Y644M (1), PAT644M (1)

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† Provided with 2 heat shrink tubings. One will overlap the other. Install the smaller first and larger second.
** **Clear** Heatshrink – UL224 VW1 Listed – passes TELCORDIA GR-347-CORE Abrasion and Cut Test.

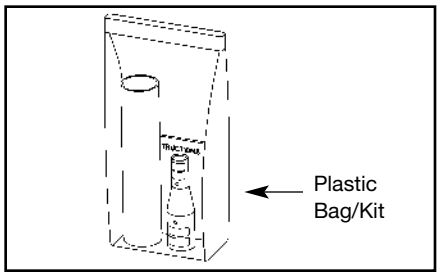
(Up to 750 kcmil Class B code cable. Contact factory for 750 flex cable applications.)

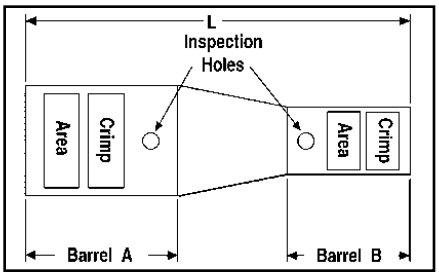
Chart continued on next page)

TYPE YSR-TC

INSTALLATION TOOLING CHART (Continued)

In-line Reducer Splice Kits for Telecommunications Applications





Installation Tooling																
** Clear Heat Shrink Kit Catalog Number	Wire Range				Color Code		Die Index		Hydraulic Y750, Y35, Y46, PAT750, BAT750		Hydraulic BCT500HS, Y500CTHS		Mechanical OUR840, MD7-34		Dieless Y/PAT644 Series, MY29-11	
	Barrel A		Barrel B													
	AWG	mm²	AWG	mm²	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B
YSR2CFX4CFXLTCKITC	#2 AWG Flex or Code	35 mm²	#4 AWG Flex or Code	—	Brown	Gray	10	8	U2CRT (1)	U4CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)
YSR2CFX6CFXLTCKITC			#6 AWG Flex or Code	16 mm²	Brown	Blue	10	7	U2CRT (1)	U5CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	W5CVT (1) W5CRT (1) X5CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	W5CVT (1) W5CRT (1) X5CRT (1)	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)	Y1MRTC (1), MY29-11 (1), Y644M (1), PAT644M (1)
YSR2CFX8CFXLTCKITC			#8 AWG Flex or Code	10 mm²	Brown	Red	10	49	U2CRT (1)	U8CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)	Y8MRB-1 (1), Y1MRTC (1), MY29-3 (1), MY29-11 (1)
YSR4CFX6CFXLTCKITC	#4 AWG Flex or Code	—	#6 AWG Flex or Code	16 mm²	Gray	Blue	8	7	U4CRT (1)	U5CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	W5CVT (1) W5CRT (1) X5CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	W5CVT (1) W5CRT (1) X5CRT (1)	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)	Y1MRTC (1), MY29-11 (1), Y644M (1), PAT644M (1)
YSR4CFX8CFXLTCKITC			#8 AWG Flex or Code	10 mm²	Gray	Red	8	49	U4CRT (1)	U8CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)	Y8MRB-1 (1), Y1MRTC (1), MY29-3 (1), MY29-11 (1)
YSR4CFX10CLTCKITC			#10 AWG Flex or Code	6 mm² Str. or 2.5 mm² Flex	Gray	—	8	—	U4CRT (1)	—	W4CVT (1) W4CRT (1) X4CRT (1)	—	W4CVT (1) W4CRT (1) X4CRT (1)	—	Y1MRTC (2), MY29-11 (1), Y644M (1), PAT644M (1)	Y8MRB-1 (2), MR8G98 (2), Y10D (2)
YSR6CFX8CFXLTCKITC	#6 AWG Flex or Code	16 mm²	#8 AWG Flex or Code	10 mm²	Blue	Red	7	49	U5CRT (1)	U8CRT (1)	W5CVT (1) W5CRT (1) X5CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	W5CVT (1) W5CRT (1) X5CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	Y1MRTC (1), MY29-11 (1), Y644M (1), PAT644M (1)	Y8MRB-1 (1), Y1MRTC (1), MY29-3 (1), MY29-11 (1)
YSR6CFX10CLTCKITC			#10 AWG Flex or Code	6 mm² Str. or 2.5 mm² Flex	Blue	—	7	—	U5CRT (1)	—	W5CVT (1) W5CRT (1) X5CRT (1)	—	W5CVT (1) W5CRT (1) X5CRT (1)	—	Y1MRTC (1), MY29-11 (1), Y644M (1), PAT644M (1)	Y8MRB-1 (2), MR8G98 (2), Y10D (2)
YSR8CFX10CLTCKITC	#8 AWG Flex or Code	10 mm²	#10 AWG Flex or Code	6 mm² Str. or 2.5 mm² Flex	Red	—	49	—	U8CRT (1)	—	W8CVT (1) W8CRT (1) X8CRT (1)	—	W8CVT (1) W8CRT (1) X8CRT (1)	—	Y8MRB-1 (1), Y1MRTC (1), MY29-3 (1), MY29-11 (1)	Y8MRB-1 (2), MR8G98 (2), Y10D (2)
YSR8CFX14CLTCKITC			#14 AWG Flex or Code	6 mm² Str. or 2.5 mm² Flex	Red	—	49	—	U8CRT (1)	—	W8CVT (1) W8CRT (1) X8CRT (1)	—	W8CVT (1) W8CRT (1) X8CRT (1)	—	Y8MRB-1 (1), Y1MRTC (1), MY29-3 (1), MY29-11 (1)	Y8MRB-1 (2), MR8G98 (2), Y10D (2)
YSR10CFX12CLTCKITC	#10 AWG Flex or Code	6 mm² Str. or 2.5 mm² Flex	#12 AWG Flex or Code	6 mm² Str. or 2.5 mm² Flex	—	—	—	—	—	—	—	—	—	—	Y8MRB-1 (2), MR8G98 (2), Y10D (2)	Y8MRB-1 (2), MR8G98 (2), Y10D (2)
YSR10CFX14CLTCKITC			#14 AWG Flex or Code	6 mm² Str. or 2.5 mm² Flex	—	—	—	—	—	—	—	—	—	—	Y8MRB-1 (2), MR8G98 (2), Y10D (2)	Y8MRB-1 (2), MR8G98 (2), Y10D (2)

† Provided with 2 heat shrink tubings. One will overlap the other. Install the smaller first and larger second.

** **Clear** Heatshrink – UL224 VW1 Listed – passes TELCORDIA GR-347-CORE Abrasion and Cut Test. (Up to 750 kcmil Class B code cable. Contact factory for 750 flex cable applications.)

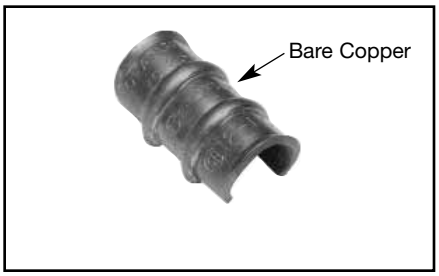
Note 1: All dimensions shown are for reference only.
Note 2: Non-inspection window versions are available. Please contact customer service.

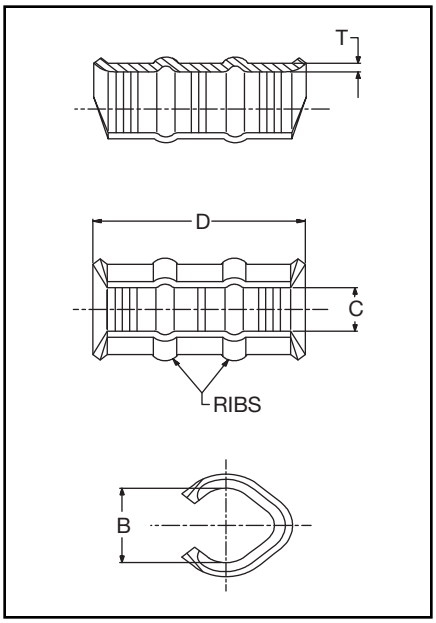
TYPE YC-L

THIN-WALL COPPER C-TAP

UL Listed to 600 Volts

Type YC-L is a thin-wall high conductivity copper connector for making copper tap and parallel connections from #14 to 3/0 AWG.





Features and Benefits

- Manufactured form high conductivity wrought copper.
  - ◊ Provides low resistance and excellent electrical conductivity.
- Range-taking connector.
  - ◊ Lowers inventory requirements.
- Reinforced ribs.
  - ◊ Provides maximum pull-out values.
- Compact size.
  - ◊ Easy to tape and insulate connection.
- Economical.
  - ◊ Provides low installed cost.

Catalog Number	Accommodates Run	Accommodates Tap	No. of Ribs	Dimensions B	Dimensions C	Dimensions D	Dimensions T	Color Code	Installation Tooling: Mechanical Y2MR	Mechanical MD6, OUR840 & MD7-34R Die No. (# crimps)	Mechanical Die ▲ Index Emboss-ment	Hydraulic BCT500, Y500CT, BAT500 (# crimps)	Hydraulic Y35, Y39, Y750, Y45 Y46* (# crimps)	Hydraulic Die ▲ Index Emboss-ment	Wire Strip Length
YC10L12	14	16-14	0	.18 [4.6]	.11 [2.8]	.40 [10.2]	.060 [1.65]	Red	Red (1)	W8CVT (1)	49				3/8″
	12	16-14													
	10	14													
YC8L12	10	10	0	.25 [6.4]	.21 [3.8]	.60 [15.2]	.072 [1.83]	Blue	Blue (1)	W5CVT (1)	7				5/8″
	8	12													
YC6L12	8	10-8	0	.33 [8.4]	.25 [5.1]	.60 [15.2]	.072 [1.83]	Gray	Gray (2)	W4CVT (1)	8				5/8″
	6	12-10													
YC4L12	6	8-6	1	.38 [9.7]	.28 [6.1]	1.18 [30.2]	.072 [1.83]	Brown	Brown (2)	W2CVT (2)	10	WC4 (1)	UC4 (1)	10M	1-3/16″
	5,4	12-8													
YC3L12	5,4	6-5	1	.48 [11.4]	.37 [6.4]	1.18 [30.2]	.081 [2.06]	Green	—	W1CVT (2)	11				1-3/16″
	3	12-6													
YC2L12	4	4	1	.50 [12.7]	.36 [7.6]	1.18 [30.2]	.081 [2.06]	Pink	Pink (2)	W25VT (2)	12	WC2 (1)	UC2 (1)	12M	1-3/16″
	3	5													
	2	12-6													
YC1L12	3	4-3	2	.56 [14.2]	.45 [8.6]	1.75 [44.4]	.081 [2.06]	Black	—	W26VT (3)	13	WC1 (2)	UC1 (1)	13M	1-13/16″
	2	5-4													
	1	12-5													
YC25L12	2 Str. 2 Sol.	2 Str. 2 Sol. 3 Str. 3 Sol.	2	.62 [15.7]	.50 [9.6]	1.75 [44.4]	.090 [2.29]	Orange	—	W27VT (3)	14	WC25 (2)	UC25 (1)	14M	1-13/16″
	1 Str. 1 Sol.	4 Str. 4 Sol. 3 Str. 3 Sol.													
	1/0 Str. 1/0 Sol.	12 Str. 12 Sol. - 4 Str. 4 Sol.													
YC26L12	1	2-1	2	.69 [17.5]	.53 [10.7]	1.75 [44.4]	.090 [2.29]	Purple	—	W28VT (3)	15		UC26 (1)		1-13/16″
	1/0	3-2													
	2/0	12-3													
YC27L12	1/0	1-1/0	2	.81 [20.6]	.54 [11.9]	1.75 [44.4]	.090 [2.29]	Yellow	—	W29VT (3)	16				1-13/16″
	2/0	2-1													
	3/0	12-2													

▲ See tooling section of this catalog for complete tool and die listings.

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™
For Tin plating add TN suffix (example = YC10L12TN)

Note: All dimensions shown are for reference only.

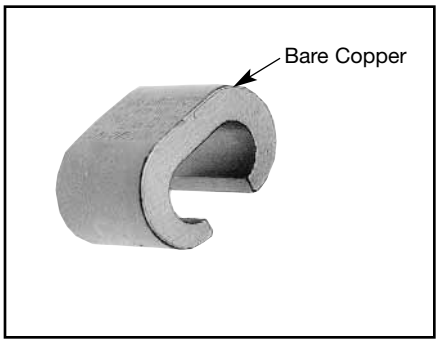
Blue highlighted items are industry standard and most frequently ordered.

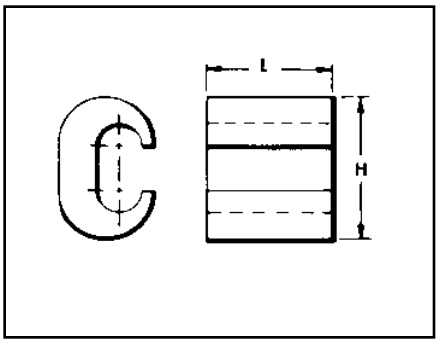
TYPES YC-C

COPPER CRIMPIT™

UL Listed 90° C,
600 Volts to 35 kV◆

Type YC-C copper CRIMPIT™ connector is a range-taking C shape compression connector for making tap or parallel copper connections from #12 sol. to 4/0 strand conductor.





Features and Benefits

- Range-taking connector.
  - ◇ Lowers inventory requirments.
- Compact size.
  - ◇ Easy to tape and insulate connection.
- Manufactured from high conductivity wrought copper.
  - ◇ Provides low resistance and excellent electrical conductivity.
- Economical
  - ◇ Provides low installed cost.

Copperweld-Copper Conductors
8A - Use CRIMPITS™ accommodating 6 str. Copper
6A - Use CRIMPITS™ accommodating 4 Str. Copper
4A - Use CRIMPITS™ accommodating 2 Str. Copper
2A - Use CRIMPITS™ accommodating 1/0 and 2/0 Copper

Catalog Number	Run	Tap	L	▲ Die Index	Tools, Die Set, Catalog Number, and (‡No. of Crimps) ▲			CRIMPIT™ for 1 Str. Copper	
					MD6	OUR840	Y35, Y750, Y45, Y46*	Run	Tap
YC10C10 †	12 Sol. - 10 Str.	12 Sol. - 10 Str.	3/8″	238	W238 (1)	W238 (1)	U-238 (1)	—	—
YC8C8	8 Sol. - 8 Str.	10 Sol. - 8 Str.	1/2″	162 or K	W162 (2)	W162 (2)	U162** (1)		
YC4C8	6 Sol. - 4 Str.	8 Sol. - 8 Str.	5/8″	BG or 5/8	BG (2) W-BG** (1)	XNBG (2)	U-BG (1)		
YC4C6		6 Sol. - 6 Str.							
YC4C4		4 Sol. - 4 Str.							
YC2C4	2 Sol. - 2 Str.	8 Sol. - 4 Str.	3/4″	C	W-C (2)	—	U-C (1)	1 Str.	6.8 Str., 8 Sol.
YC2C2		2 Sol. - 2 Str.						—	—
YC26C2	1/0 Sol. - 2/0 Str.	8 Sol. - 2 Str.	11/12″	E or O	—	—	U-E (3) U-O (1)	1 Str.	1 or 2 Str.
YC26C26		1/0 Sol. - 2/0 Str.						—	—
YC28C2	3/0 Sol. - 4/0 Str.	6 Sol. - 2 Str.	1-1/16″	F or D3	—	—	U-F (3) U-D3** (1)		
YC28C26		1/0 Sol. - 2/0 Str.							
YC28C28		3/0 Sol. - 4/0 Str.							

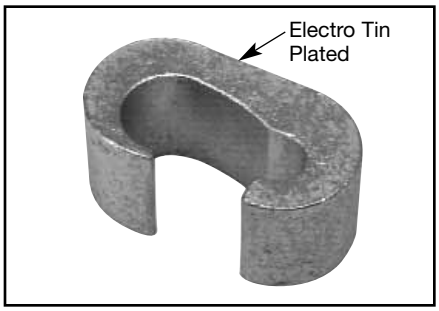
† Not UL Listed.
‡ Number of Crimps.
▲ See tooling section of this catalog for complete tool and die listings.
* Use PUADP-1 adapter when using U dies in the Y46 HYPRESS™.
** Multiple crimp die set. Makes more than one crimp per tool compression. Figure ( ) indicates number of compressions.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

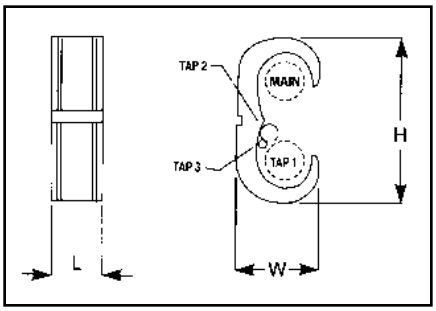
Blue highlighted items are industry standard and most frequently ordered.

TYPE YCHC

C-TAP COPPER CRIMPIT™

90° C





Features and Benefits

- Wide range of run/tap combinations including Class B code I and locomotive flexible conductor combinations. All (B/B, B/I, I/I) combinations are recommended.
  - ◇ Each connector accommodates many cable combinations, allowing maximum flexibility for the design and installation of a system.
- Color-coded on the connector that matches the die.
  - ◇ Provides matched system for fast and easy installation.
- Each connector has a recommended insulating cover available. Flame retardant type CF-FR covers meet oxygen index 28 and UL94 V-O requirements.
  - ◇ A complete insulated UL Listed installation is provided.
- Die index embossed on connector after completion of crimp.
  - ◇ Permanent inspectability of installed connector is insure consistently reliable and dependable connections.

BURNDY Catalog Number	Flame Retardant Cover		Condutor Sizes Code/(Flex) Cable				▲ Tooling († No. of Crimps)							▲ Die Index & Emboss-ment	H	W	L	Strip Length
	Clear Cat. No.	Black Cat. No. ‡	Main	Tap 1	Tap 2	Tap 3	Y35	†	Y750	†	Y46*	†	Color Code					
YCHC44TC44	CCFR-FR	CFR-FR	1000-750 (750-500)	1000-750 (750-500)			—	—	—	—	P1102	1	White	1102	3.59	1.73	1.16	1-1/4″
YCHC39TC39	CCFR-FR	CFR-FR	750-500 (550-500)	750-350 (550-350)			—	—	—	—	P1103	1	Blue	1103	3.12	1.53	1.06	1-1/8″
YCHC39TC31	CCFR-FR	CFR-FR	750-500 (550-500)	350-2 (250-2)	2-6 Str./Sol. (2-8)	8-14 (8-14)	—	—	—	—	P1103	1	Blue	1103	2.96	1.53	1.31	1-3/8″
YCHC39TC2	CCFR-FR	CFR-FR	750-500 (550-500)	2-6 Str./Sol. (2-8)	8-14 (8-14)		—	—	—	—	P1103	1	Blue	1103	2.66	1.53	1.31	1-3/8″
YCHC34TC34	CCFN-FR	CFN-FR	500-4/0 (350-4/0)	500-4/0 (350-4/0)			—	—	U1104	2	P1104	1	Brown	1104	2.97	1.38	1.00	1-1/4″
YCHC34TC29	CCFN-FR	CFN-FR	500-4/0 (350-4/0)	250-2 (4/0-2)	2-6 Str./Sol. (2-8)		—	—	U1104	2	P1104	1	Brown	1104	2.45	1.26	.88	1″
YCHC34TC2	CCFN-FR	CFN-FR	500-4/0 (350-4/0)	2-6 Str./Sol. (2-8)	8-14 (8-14)		—	—	U1104	2	P1104	1	Brown	1104	2.45	1.26	.88	1″
YCHC29TC29	CCFDXFR	CFD-FR	250-2 (4/0-2)	250-2 (4/0-2)			—	—	U997	1	U997	1	Orange	997	2.12	.98	.94	1″
YCHC29TC2	CCFD-FR	CFD-FR	250-2 (4/0-2)	2-6 Str./Sol. (2-8)	8-14 (8-14)		—	—	U251	1	U251	1	Red	251	1.78	.97	.81	1″
YCHC2TC2	CCFO-FR	CFO-FR	2-6 Str./Sol. (2-8)	2-6 Str./Sol. (2-8)	8-14 (8-14)		U-C	1	U-C	1	U-C	1	Brown	C	1.22	.60	.81	1″
YCHC8TC8	♦	♦	8-12 (8-12)	8-12 (8-12)			U-240	1	U-240	1	U-240	1	Red	240	.53	.35	.56	5/8″

Note: To properly use tap 2 and/or tap 3 conductors in YCHC connector a conductor from the tap 1 cable range must be included in the tap 1 groove.

‡ To obtain covers made of polyethylene remove suffix-FR (example: CFO). CFO is not flame retardant.

* Use PUADP-1 adaptor with U dies in Y46.

▲ See tooling section of Master Catalog for complete tool and die listings.

◆ For applications requiring flame retardant cover, use either a CCFBG-FR (Clear) or CFBG-FR (Black) cover and YH2C2C connector by ordering YH8C8CWCC (Clear) or YH8C8CWC (Black).

Note: All dimensions shown are for reference only.

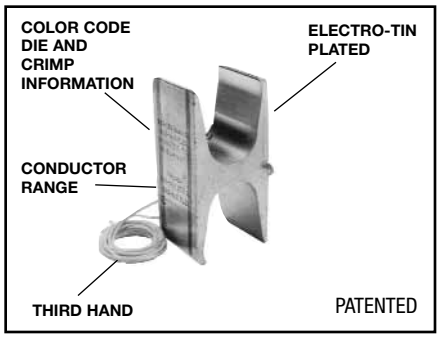
Blue highlighted items are industry standard and most frequently ordered.

TYPE YH

H-TAP COPPER CRIMPIT™

Features and Benefits

- Accommodates a wide range of run/tap copper cable combinations including both flexible and code combinations. All (B/B, B/I, I/B, I/I) combinations acceptable.
  - ◊ Each connector has many copper cable combination applications allowing maximum flexibility for the design and installation of a system.
- Tap grooves function independently of each other. Use of one tap is required. Balance may be used or left empty.
  - ◊ Provides maximum design and installation flexibility.
- Color code on the connector matches installation die.
  - ◊ Provides matched system for fast and easy installation.



- Die index embossed on connector after completion of crimp.
  - ◊ Permanent inspectability of installed connectors to insure consistently reliable and dependable connections.
- Recommended flame retardant type CF-FR insulating covers meet oxygen index 28 and UL94 V-O requirements.
  - ◊ A complete insulated UL Listed installation is provided.
- Third Hand constrains conductors while installer completes crimp. Included with each connector.
  - ◊ Simplifies installation, reducing installed cost.

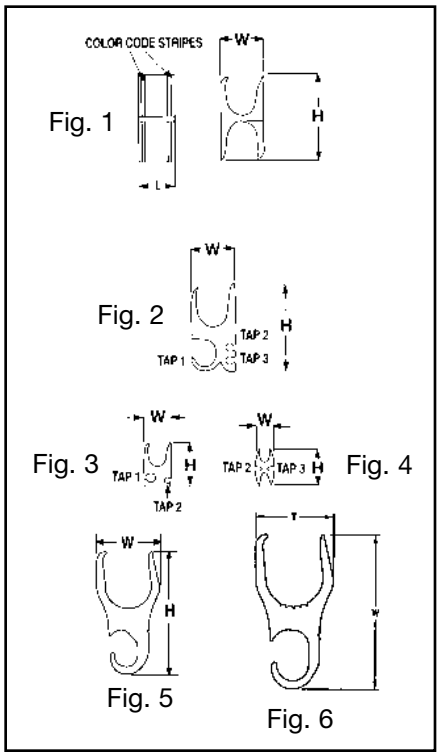


TABLE 1 CODE CONDUCTOR AND METRIC EQUIVALENT

H-Tap Connector	Kit Catalog Number / Flame Retardant Cover		Conductor Sizes Code/(Flex Cable)					Metric Conductor Sizes (mm²)			
	Clear	Black	Fig. #	Main	Tap 1	Tap 2	Tap 3	Main	Tap 1	Tap 2	Tap 3
YH4444	YH4444WCC	YH4444WC	1	1000-750 (750-500) (750)	1000-750 (750-500) (350)	—	—	500-400	500-400	—	—
YH4434*	YH4434WCC*	YH4434WC	6					1000-750 (777-500) (777-750)	500-350 (350 FX)	—	—
YH4429	YH4429WCC	YH4429WC	5	1000-750 (777-500)	250-2 (4/0-2)	—	—	500-400	150-35	—	—
YH3939	YH3939WCC	YH3939WC	1	750-500 (550-500)	750-350 (550-350)	—	—	300-300	300-185	—	—
YH3931	YH3931WCC	YH3931WC	2	750-350 (550-500)	4/0-1/0 (250-1/0)	1-6 Str/Sol (1-8)	2-14 (2-14)	300-185	95-70	35-16	35-2.5
YH3434	YH3434WCC	YH3434WC	1	500-250 (350-4/0)	500-4/0 (350-4/0)	—	—	240-150	240-120	—	—
YH3429	YH3429WCC	YH3429WC	2	500-4/0 (350-4/0)	250/1/0 (4/0-1/0)	1-6 Str/Sol (1-8)	8-14 #8	240-120	120-70	35-16	6-2.5
YH2929	YH2929WCC	YH2929WC	1	250-2 (4/0-2)	250-2 (4/0-2)	—	—	120-35	120-35	—	—
YH292C	YH292CWCC	YH292CWC	3	250-2 (4/0-2)	2-6 Str/Sol (2-8)	8-14 (8-14)	—	120-35	35-16	6-2.5	—
YH298C	YH298CWCC	YH298CWC	3	250-2 (4/0-2)	8-14 (8-14)	8-14 (8-14)	—	120-35	6-2.5	6-2.5	—
YH2C2C	YH2C2CWCC	YH2C2CWC	4	2-6 Str/Sol (2-8)	2-6 Str/Sol (2-8)	8-14 (8-14)	8-14 (8-14)	35-16	35-16	6-2.5	6-2.5
YH6C6C	YH6C6CWCC	YH6C6CWC	1	6-10 (6-10)	6-14 (6-14)	—	—	10-6	10-2.5	—	—
YH8C8C	YH8C8CWCC	YH8C8CWC	1	8-14 (8-14)	8-14 (8-14)	—	—	6-2.5	6-2.5	—	—

- Use PUADP-1 adaptor with U dies in Y46.

▲ See tooling section of this catalog for complete tool and die listings.

* Not CSA approved.

Note: All H-Taps ROHS compliant.

Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

TYPE YH

H-TAP COPPER CRIMPIT™
(Continued)

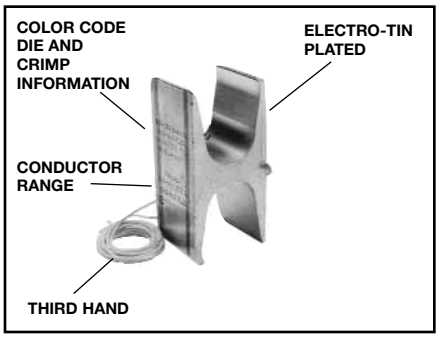


TABLE 2 FLEX AND METRIC CONDUCTOR RANGES

		Maximum Conductor in Range	Maximum Metric Dimensions		Minimum Conductor in Range	Minimum Metric Dimensions	
Catalog Number		Flex Conductor (AWG/kcmil)	mm²	Diameter mm	Flex Conductor (AWG/kcmil)	mm²	Diameter mm
YH4444	Main	777	393	28	500	253	24
	Tap 1	777	393	28	500	253	24
	Main	777	393	28	750	380	31
YH4434*	Tap 1	—	—	—	350	177	20
YH4429	Main	777	393	28	500	253	24
	Tap 1	4/0	107	15.5	2	33.6	8
YH3939	Main	550	278	25	500	253	24
	Tap 1	550	278	25	350	177	20
YH3931	Main	550	278	25	500	253	24
	Tap1	250	126	17	1/0	53.5	11
	Tap 2	1	42	9	8	8	4
	Tap 3	2	33.6	8	14	2	2
YH3434	Main	350	177	20	4/0	107	15.5
	Tap 1	350	177	20	4/0	107	15.5
YH3429	Main	350	177	20	4/0	107	15.5
	Tap 1	4/0	107	15.5	1/0	53	11
	Tap 2	1	42	9	8	8	4
	Tap 3	8	8	4	14	2	2
YH2929	Main	4/0	107	15.5	2	33.6	8
	Tap 1	4/0	107	15.5	2	33.6	8
YH292C	Main	4/0	107	15.5	2	33.6	8
	Tap1	2	33.6	8	8	8	4
	Tap 2	8	8	4	14	2	2
YH298C	Main	4/0	107	15.5	2	33.6	8
	Tap1	8	8	4	14	2	2
	Tap 2	8	8	4	14	2	2
YH2C2C	Main	2	33.6	8	8	8	4
	Tap 1	2	33.6	8	8	8	4
	Tap 2	8	8	4	14	2	2
	Tap 3	8	8	4	14	2	2
YH6C6C	Main	6	13	5	10	5	3
	Tap 1	6	13	5	14	2	2
YH8C8C	Main	8	8	4	14	2	2
	Tap 1	8	8	4	14	2	2

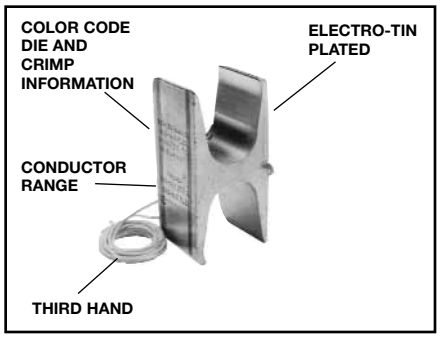
• Use PUADP-1 adaptor with U dies in Y46.
▲ See tooling section of this catalog for complete tool and die listings.

* Not CSA approved.
Note: All H-Taps ROHS compliant.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

TYPE YH

H-TAP COPPER CRIMPIT™
(Continued)



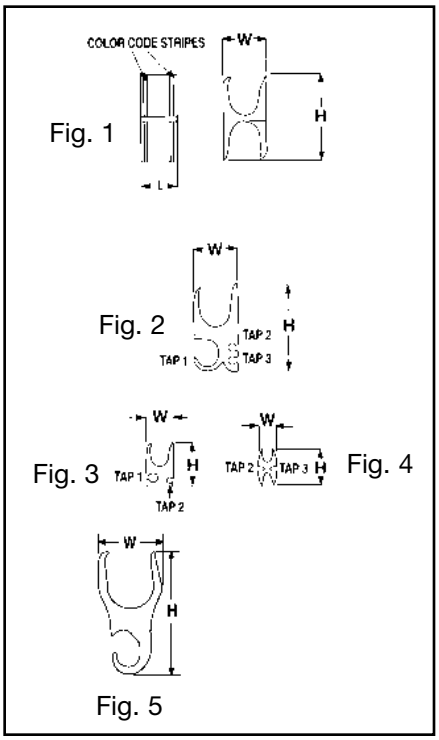


Fig. 1 Fig. 2 Fig. 3 Fig. 4 Fig. 5

TABLE 3 INSTALLATION TOOLING + DIMENSIONS

BURNDY Catalog Number	Kit Catalog Number		▲ Tooling († No. of Crimps)								▲ Die Index & Embossment	H	W	L	Strip Length
	Flame Retardant Cover														
	Clear	Black ‡	Fig. No.	Y35	†	Y750	†	Y46*	†	Color Code					
YH4444	YH4444WCC	YH4444WC	1	—	—	—	—	P1102	1	White	1102	3.38	1.70	1.00	1-1/8″
YH4434*	YH4434WCC*	YH4434WC													
YH4429	YH4429WCC	YH4429WC	5					PYFR	1	Yellow	K-R	3.22	1.70	1.00	1-3/8″
YH3939	YH3939WCC	YH3939WC	1	—	—	—	—	PYFR	1	Yellow	K-R	2.97	1.50	1.25	1-3/8″
YH3931	YH3931WCC	YH3931WC	2	—	—	—	—	PYFR	1	Yellow	K-R	2.97	1.50	.95	1-1/16″
YH3434	YH3434WCC	YH3434WC	1	—	—	U1104M U1104	1 2	P1104 U1104M	1	Brown	1104	2.43	1.15	1.00	1-1/8″
YH3429	YH3429WCC	YH3429WC	2	—	—	U1104M U1104	1 2	P1104 U1104M	1	Brown	1104	2.23	1.31	1.00	1-1/8″
YH2929	YH2929WCC	YH2929WC	1	—	—	U654	1	U654 P654	1	Purple	654	1.85	.90	.90	1-1/16″
YH292C	YH292CWCC	YH292CWC	3	—	—	U654	1	U654 P654	1	Purple	654	1.52	.90	.90	1-1/16″
YH298C	YH298CWCC	YH298CWC	3	—	—	U654	1	U654 P654	1	Purple	654	1.52	.90	.90	1-1/16″
YH2C2C	YH2C2CWCC	YH2C2CWC	4	U-C	1	U-C	1	U-C	1	Brown	C	1.25	.60	.75	7/8″
YH6C6C	YH6C6CWCC	YH6C6CWC	1	UBGRT	1	UBGRT	1	UBGRT	1	Orange	BG	.81	.39	.60	3/4″
YH8C8C	YH8C8CWCC	YH8C8CWC	1	U11T-1	1	U11T-1	1	U11T-1	1	Green	11	.63	.40	.60	3/4″

- Use PUADP-1 adaptor with U dies in Y46.

▲ See tooling section of this catalog for complete tool and die listings.

* Not CSA approved.

Note: All H-Taps ROHS compliant.

Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

TYPE CF-FR

H-TAP — FLAME RETARDANT COVER

UL Listed to 600 Volts

600 VOLT 90° C



Features and Benefits

- One-piece design.
  - ◇ No extra parts or hardware required.

Features and Benefits (continued)

- Slips over connector and latches securely shut.
  - ◇ Fast, easy, reliable insulation of H-Tap compression.
- Eliminates tapping.
  - ◇ Economical, fast, easy installation.
- Flash barriers.
  - ◇ Protects against electrical flashover.
- CF-FR flame retardant design.
  - ◇ Self-extinguishing retardant properties.
- Minimum 28 oxygen index.
  - ◇ Self-extinguishing retardant properties.
- UL 94 V-O rated.
  - ◇ Self-extinguishing retardant properties.

Catalog Number	Max. Conductor Accommodated	Matched H Copper CRIMPIT™	Max. Connector Length	Connector Color Code
CFBG-FR	#8 AWG	YH8C8C	.65	Green
	#6 AWG	YH6C6C		Orange
CFO-FR	#2 AWG	YH2C2C	.80	Brown
CFD-FR	250 kcmil	YH292C, YH298C, YH2929	.95	Purple
CFN-FR	500 kcmil	YH3434, YH3429*	1.10	Brown
CFR-FR †	750 kcmil	YH3939, YH3931, YH4429	1.30	Yellow
	1000 kcmil	YH4434 ,YH4444	1.10	Yellow, White

* Use CFN-FR for single tap installation; use CFR-FR when 2 or more tap conductors are installed.

† Two-piece design packaged together.

Note: All dimensions shown are for reference only.

TYPE CCF-FR

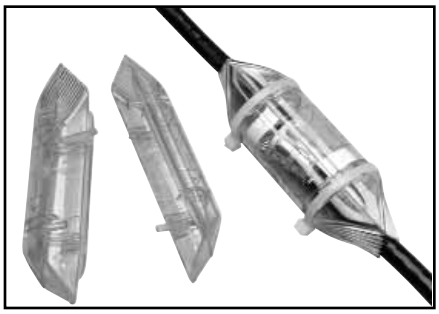
CLEAR H-TAP — FLAME RETARDANT COVER

UL Listed to 600 Volts

600 VOLT 90° C

Features and Benefits

- Two-Piece design with Positive Locking Latch to ensure correct installation, preventing opening after installation and eliminating the need for taping.



Features and Benefits (continued)

- Mounted Magnifying Lens provides increased visibility of Die Embossment on installed H-Tap Connectors.
- Made of Polished Clear Polycarbonate material that provides:
  - ◇ High visibility for inspection of installed connectors.
  - ◇ Flame Retardant UL94 V-O Rated Material –self-extinguishing retardant properties
  - ◇ High Impact design
- Built in Channels to accommodate and hold Cable ties, Hook & Loop ties, or Waxed Cord, securely in place after installation.
- Patented highly flexible fingers designed to contour around the conductor.
- Internal pockets designed to accommodate Identification tags (4 ID tags included).
- Molded barriers prevent installed H-Tap Connectors from Electrical Flashover.
- Covers come packaged complete with (2) Cover Halves, (2) Cable Ties and (4) Identification Labels.

Catalog Number	Max. Conductor Accommodated	Matched H Copper CRIMPIT™	Max. Connector Length	Connector Color Code
CCFBG-FR	#8 AWG	YH8C8C	.65	Green
	#6 AWG	YH6C6C		Orange
CCFO-FR	#2 AWG	YH2C2C	.80	Brown
CCFD-FR	250 kcmil	YH292C, YH298C	.95	Purple
CCFDX-FR	250 kcmil	YH2929	.95	Purple
CCFN-FR	500 kcmil	YH3434, YH3429*	1.10	Brown
CCFR-FR	750 kcmil	YH3939, YH3931, YH4429	1.30	Yellow
	1000 kcmil	YH4434, YH4444	1.10	White

* Use CCFN-FR for single tap installation; use CCFR-FR when 2 or more tap conductors are installed.

Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

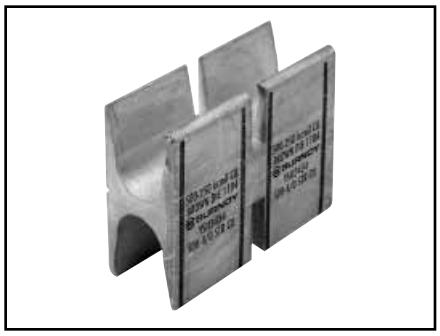
TYPES YSH

H COPPER CRIMPIT™

COPPER SPLIT COMPRESSION WYE TAP CONNECTOR

Type YSH heavy duty connectors are designed for insulated underground wye splices. The split H copper CRIMPIT™ connector is longer than our standard H copper CRIMPIT™ and is suitable for use on high voltage (15 kV) power cables with copper conductors. The connectors can not be used with oil filled or mass impregnated cables since no oil stop is provided. The connector is installed with standard BURNDY® HYPRESS™ tools and is made of tin-plated electrolytic copper.

Expanded Tap 1 Components	
Expanded Catalog Number	**Tap 1 Range**
YSH-292C-E	#2
YSH-2925-E	1/0



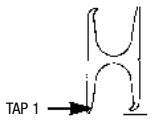


Fig. 1

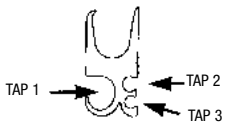


Fig. 2

Features and Benefits

- Accommodates a wide range of run/tap copper cable combinations including both flexible and code combinations. All (B/B, B/I, I/B, I/I) combinations acceptable.
  - ◇ Each connector has many copper cable combination applications allowing maximum flexibility for the design and installation of a system.
- Tap grooves function independently from each other. Use of one tap is required. Balance may be used or left empty.
  - ◇ Provides maximum design and installation flexibility.
- Color code on the connector matches installation die.
  - ◇ Provides matched system for fast and easy installation.
- Die index embossed on connector after completion of crimp.
  - ◇ Permanent inspectability of installed connectors to ensure consistently reliable and dependable connections.
- Insulation is not provided. Insulation can be obtained from Raychem (800-272-9243) type HVSY Splice kits for 15 kV installations.
  - ◇ A complete IEEE 404 15 kV installation is provided.

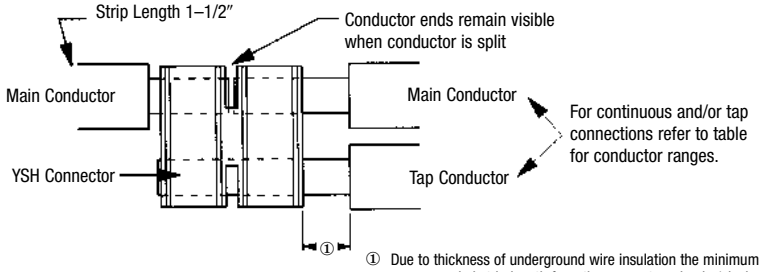
Catalog Number	Conductor Sizes Code Expanded Tap 1 (Flex Cable)					▲Tooling (†Number of Crimps)					Die Index ▲ & Embossment	H	W	L	Strip Length
	Fig.	Main	Tap 1	Tap 2	Tap 3	Y750	†	Y46*	†	Color Code					
YSH2929	1	250-2 (4/0-2)	250-2 (4/0-2)			U654	(4)	U654 P654	(4)/(2)	Purple	654	1.85	.90	3.00	See Application Notes Below
YSH3429	2	500-4/0 (350-4/0)	250-1/0 (4/0-1/0)	1-6 Str./Sol. (1-8)	8-14 (8-14)	U1104	(4)	U1104 P1104	(4)/(2)	Brown	1104	2.23	1.31		
YSH3434	1	500-250 (350-4/0)	500-4/0 (350-4/0)			U1104	(4)	U1104 P1104	(4)/(2)	Brown	1104	2.43	1.15		
YSH3931	2	750-350 (550-500)	350-1/0 (350-1/0)	1-6 Str./Sol. (1-8)	2-14 (2-14)	— —	— —	PYFR	2	Yellow	K-R	2.97	1.50		
YSH3939	1	750-350 (550-500)	750-350 (550-350)			—	—	PYFR	2	Yellow	K-R	2.97	1.50		

* Use PUADP-1 adaptor with U dies in Y46. The Y46 and P dies result in a smooth crimp surface and is recommended for voltages above 600 V.

▲ See tooling section of this catalog for complete tool and die listings.

† Number of crimps per connector. U -dies require double crimps.

Note: All dimensions shown are for reference only.



① Due to thickness of underground wire insulation the minimum recommended strip length from the connector edge is 1 inch.

Blue highlighted items are industry standard and most frequently ordered.

TYPES YST

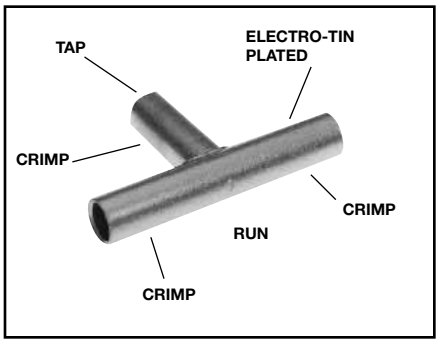
UNINSULATED T

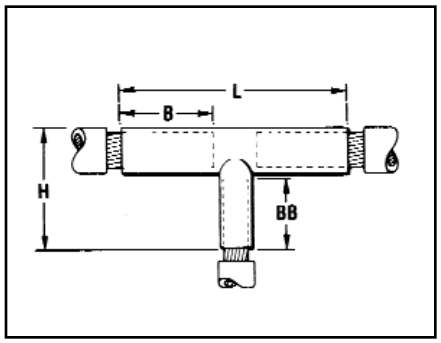
COPPER HYTEE™ COUPLER

UL Listed 90° C,
600 Volts to 35 kV◆

Type YST copper compression tee is designed for connecting a run conductor with a perpendicular tap conductor.

YST connectors are commonly used in junction boxes and manholes to make a radial tap off a main run. They are needed in many industrial, utility generation and commercial applications. The most common cable combinations are listed below. BURNDY® Type Y-R reducers can be used to accommodate most cable combinations.





Features and Benefits

- Manufactured from seamless high conductivity electrolytic copper tubing with heavy duty wall thickness.
  - ◇ Provides maximum conductivity, low resistance and ductility for an excellent combination of electrical and crimp forming properties.
- Long barrel design on all three (3) legs.
  - ◇ Provides for an additional crimp or indent with almost twice the pull out strength properties as a standard length barrel plus a connection that will operate cooler under heavy loading.
- Long barrel permits the use of the Y-R reducers.
  - ◇ Affords total flexibility and versatility for virtually any conductor combination.
- Electro-tin plated.
  - ◇ Provides durable long-lasting corrosion resistance.
- Barrel diameter closely matches commercial (code) cable and Navy cable diameters.
  - ◇ Provides an excellent relationship of the conductor/ connector combination to produce a high quality electrical connection with the recommended tooling.

Catalog Number	Code • Conductors Run	Code • Conductors Tap	Dimensions B	Dimensions BB	Dimensions H	Dimensions L	Dieless (# of crimps) (# of crimps)	Dieless (# of crimps) Mechanical HYTOOL™	Dieless (# of crimps) Hydraulic HYPRESS™	Installation Tooling ▲ Run Conductors Y35, ▲ Y39, Y750, Y46* Die Number (# of crimps)	Run Conductors Color Code	Run Conductors Die Index	Tap Conductors Y35, ▲ Y39, Y750, Y46* Die Number (# of crimps)	Tap Conductors Color Code	Tap Conductors Die Index▲	Wire Length Run	Wire Length Tap
YST4C4C	4 str.	4 str.	1.44	1.38	1.72	3.25	Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	MY29-3 (2) MY29-11 (2) MD6 (4) ** MD7 (4) **	Y644HS (1)	U4CRT (2)	Gray	8 or 346	U4CRT (2)	Gray	8 or 346	1-3/16″	1-3/16″
YST2C2C	2 str.	2 str.	1.56	1.56	1.98	3.56				U2CRT (2)	Brown	10	U2CRT (2)	Brown	10	1-5/16″	1-5/16″
YST2525	1/0 str.	1/0 str.	1.62	1.56	1.91	3.81				U24RT (2)	Pink	12 or 348	U25RT (2)	Pink	12 or 348	1-7/16″	1-7/16″
YST2626	2/0 str.	2/0 str.	1.69	1.67	2.18	3.94				U26RT (2)	Black	13	U26RT (2)	Black	13	1-9/16″	1-9/16″
YST282C	4/0 str.	2 str.	1.75	1.50	2.12	3.94				U28RT (2)	Purple	15	U2CRT (2)	Brown	10	1-11/16″	1-5/16″
YST2825	4/0 str.	1/0 str.	1.75	1.56	2.25	4.00				U28RT (2)	Purple	15	U25RT (2)	Pink	12 or 348	1-11/16″	1-3/16″
YST2828	4/0 str.	4/0 str.	1.75	1.75	2.44	4.19				U28RT (2)	Purple	15	U28RT (2)	Purple	15	1-11/16″	1-11/16″
YST2929	250 kcmil	250 kcmil	1.75	1.78	2.53	4.25	Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—		U29RT (2)	Yellow	16	U29RT (2)	Yellow	16	1-11/16″	1-11/16″
YST3131	350 kcmil	350 kcmil	2.31	2.25	3.12	5.50				U31RT (4)	Red	18 or 324	U31RT (4)	Red	18 or 324	2″	2″
YST3428	500 kcmil	4/0 str.	2.56	1.75	2.81	5.81				U34RT (4)	Brown	20 or 299	U28RT (2)	Purple	15	2-5/16″	1-11/16″
YST3434	500 kcmil	500 kcmil	2.25	2.70	3.76	6.19				U34RT (4)	Brown	20 or 299	U34RT (4)	Brown	20 or 299	2-5/16″	2-5/16″
YST3939	750 kcmil	750 kcmil	3.46	3.34	4.64	8.12				U39RT (4)	Black	24 or 473	U39RT (4)	Black	24 or 473	2-15/16″	2-15/16″

* Use adapter PUADP-1 with U Dies in Y46 HYPRESS™.
** Use with appropriate W Dies (see page 0-29).
■ The maximum size for the Y35 is 400 kcmil.
• Contact factory for conductor combinations not shown.
▲ See tooling section of this catalog for complete tool and die listings.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

T-CONNECTOR

TYPE NYT

CABLE RUN — CABLE TAP

UL Listed 90° C,
600 Volts to 35 kV ◆

A T connector designed to provide a clamp-type element on the run and a permanent HYPRESS™ connection on the tap. Recommended for use on ring buses or for applications where occasional disconnects from the run conductor are desired without disturbing the tap connection. Tin plated. For proper installation of tap cable, see table below.

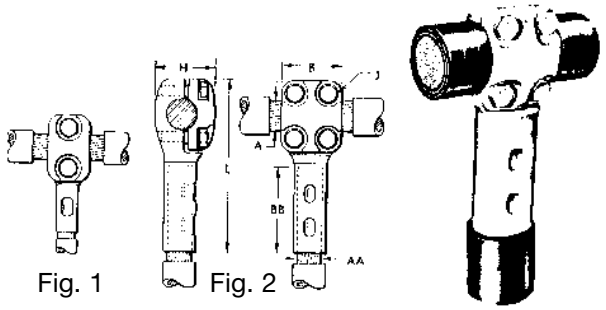


Fig. 1 Fig. 2

Conductor Size		Catalog	Fig.	Dimensions in Inches					Installation Information HYPRESS™ and Indentor Die				(No. of	App. Ship. Wt. in
									Y29B with Y29PR	Y34A with Y34PR	Y34B with Y34PR	Y48B with Y44PR		
Run A	Tap AA	Number	No.	B	BB	H	J	L	Nest Die				Indents)	Lbs.
4/0 Str.	4/0 Str.	**NYT2828**	2	2	1-5/8	1-3/8	3/8	4-5/16	D28L	A28D	B28D	E28D	(1)	2.2
250 kcmil	1/0 Str.	**NYT2925**	1	1-3/8	1-3/8	1-7/16	3/8	4-1/16	D25L	A25D	B25D	—	(1)	1.5
	250 kcmil	**NYT2929**	2	2	1-5/8	1-7/16	3/8	4-7/16	D29L	A29D	B29D	E29D	(1)	2.2
500 kcmil	2/0 Str.	**NYT3426**	1	1-3/8	1-1/2	1-5/8	3/8	4-7/16	D26L	A26D	B26D	—	(1)	1.7
	4/0 Str.	**NYT3428**	2	2	1-5/8	1-5/8	3/8	4-5/8	D28L	A28D	B28D	E28D	(1)	2.5
	250 kcmil	**NYT3429**	2	2	1-5/8	1-5/8	3/8	4-5/8	D29L	A29D	B29D	E29D	(1)	2.5
	500 kcmil	**NYT3434**	2	2	2-1/4	1-5/8	3/8	5-3/8	—	A34D	No Nest Die Req.	E34D	(2)	2.5
750 kcmil	250 kcmil	**NYT3929**	2	2	1-5/8	1-7/8	3/8	4-13/16	D29L	A29D	B29D	E29D	(1)	2.5
	500 kcmil	**NYT3934**	2	2	2-1/4	1-7/8	3/8	5-9/16	—	A34D	No Nest Die Req.	E34D	(2)	2.7
1000 kcmil	250 kcmil	**NYT4429**	2	2	1-5/8	2-1/8	3/8	5	D29L	A29D	B29D	E29D	(1)	2.5
	350 kcmil	**NYT4431**	2	2	2	2-1/8	3/8	5-7/16	—	A31D	B31D	E31D	(2)	2.5
	500 kcmil	**NYT4434**	2	2	2-1/4	2-1/8	3/8	5-3/4	—	A34D	No Nest Die Req.	E34D	(2)	2.7
	1000 kcmil	**NYT4444**	2	2-11/16	3	2-5/16	1/2	7	—	—	—	No Nest Die Req.	(2)	3.2
1500 kcmil	1500 kcmil	**NYT4646**	2	2-11/16	3-3/16	2-3/4	1/2	7-11/16	—	—	—	C46D*	(2)	8.0

* Y48B Hypress™ with Y48PR indentor.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

Note: Circumferential dies may be used. For information contact BURNDY®.

Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

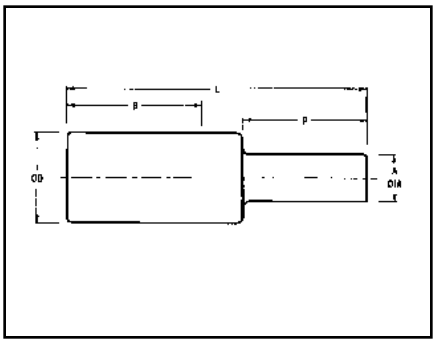
TYPES YE-P, YE-P-FX

HYPLUG™ FOR COPPER CONDUCTOR

Type YE-P copper compression adapters are designed for reliable termination of **copper** conductor when the current capacity of the conductor is downsized, but larger conductor is utilized. Typical applications are for voltage drop protection when oversized conductors are used or flex conductor is used. These adapters facilitate the termination into existing mechanical set screw connectors for various stranded copper cables.



600 v, 900C EPDM rubber cover
Note: Cover supplied with the connector



For Aluminum HYPLUG™ go to page C-118

90° C

Catalog Number	Accommodates Copper Wire Sizes: Flex Cable	Code AWG	Navy	Pin Size Equivalent	Dimensions: A Dia. [MM]	B [MM]	L [MM]	P [MM]	OD [MM]	Color Code	Die Index	Installation Data: Mech Tools (# of Crimps): MY	Y2MR	MD7-34R	MD6/ MD7	Hydraulic Tools (# of Crimps): Y35/Y39 Y750	Y45	④ Y46	Y60BHU	Y644M (Accommodates Expanded Wire Range)	Cable Strip Length
YEV4CP20X75FX	#4 Str (91/24-105/24)	#4	40	#4	.20 [5]	1.37 [35]	2.27 [58]	.75 [19]	.38 [10]	Gray	8	MY29-11 (2)	Y2MR (4)	W4CVT (4)	W4CRT (4)	U4CRT (2)	U4CRT (2)	U4CRT (2)	—	#4 - #6 AWG (1)	1-15/32"
YEV2CP26X75FX	#2 Str (125/24-150/24)	#2	60	#2	.26 [7]	1.65 [42]	2.60 [66]	.75 [19]	.46 [12]	Brown	10	MY29-11 (2)	Y2MR (4)	W2CVT (4)	W2CRT (4)	U2CRT (2)	U2CRT (2)	U2CRT (2)	—	#2 - #6 AWG (1)	1-3/4"
YEV1CP29X75FX	#1 Str (175/24-225/24)	#1	75	#1	.29 [8]	1.66 [42]	2.63 [67]	.75 [19]	.51 [13]	Green	11	MY29-11 (2)	—	W1CVT (4)	W1CRT (4)	U1CRT-1 (2)	U1CRT-1 (2)	U1CRT-1 (2)	—	#1 - #6 AWG (1)	1-3/4"
YEV25P33X75FX	1/0 Str (275/24)	1/0	100	1/0	.33 [8]	1.80 [46]	2.80 [71]	.75 [19]	.56 [14]	Pink	12	MY29-11 (2)	—	W25VT (4)	W25RT (4)	U25RT (2)	U25RT (2)	U25RT (2)	—	1/0 - #6 AWG (1)	1-7/8"
YEV26P37X75FX	2/0 Str (325/24)	2/0	125	2/0	.37 [9]	1.82 [46]	2.86 [73]	.75 [19]	.63 [16]	Black	13	MY29-11 (2)	—	W26VT (4)	W26RT (4)	U26RT (2)	U26RT (2)	U26RT (2)	—	2/0 - #4 AWG (1)	1-7/8"
YEV27P41X82FX	3/0 Str (450/24)	3/0	150	3/0	.41 [10]	1.97 [50]	3.11 [77]	.82 [21]	.70 [18]	Orange	14	MY29-11 (2)	—	W27VT (4)	W27RT (4)	U27RT (2)	U27RT (2)	U27RT (2)	—	3/0 - #2 AWG (1)	2-1/16"
YEV28P46X92FX	4/0 Str (550/24)	4/0	200	4/0	.46 [12]	1.99 [51]	3.28 [81]	.92 [23]	.77 [20]	Purple	15	MY29-11 (2)	—	W28VT (4)	W28RT (4)	U28RT (2)	U28RT (2)	U28RT (2)	—	4/0 - #1 AWG (1)	2-1/16"
	Flex Cable Only																				
YE30P50X100FX	250 kcmil Flex CLASS G 259 CLASS H 427	—		250 kcmil	.50 [10]	2.37 [60]	3.75 [95]	1.00 [25]	.81 [21]	Yellow	16	MY29-11 (2)	—	W29VT (4)	W29RT (4)	U29RT (2)	U29RT (2)	U29RT (2)	L29RT (1)	(1)	2-3/8"
YE31P51X102FX	262.6 kcmil Flex 250 Flex CLASS I, K, M	—		262.6 kcmil	.51 [13]	2.39 [61]	3.82 [97]	1.02 [26]	.88 [22]	White	17	—	—	W30VT (8)	W30RT (8)	U30RT (4)	U30RT (4)	U30RT (4)	L30RT (1)	(1)	2-1/2"
YE32P55X110FX	313.1 kcmil (775/24) (300 kcmil Nom)	—		300 kcmil	.55 [14]	2.53 [65]	4.08 [104]	1.10 [28]	.95 [24]	Red	18	—	—	W31VT (8)	W31RT (8)	U31RT (4)	U31RT (4)	U31RT (4)	L31RT (1)	(1)	2-5/8"
YE34P59X118FX	373.7 kcmil (925/24) (350 kcmil Nom)	—		350 kcmil	.59 [15]	2.68 [68]	4.36 [111]	1.18 [30]	1.06 [27]	Blue	19	—	—	W32VT (8)	W32RT (8)	U32RT (4)	U32RT (4)	U32RT (4)	L32RT (2) 1	(1)	2-3/4"
YE36P67X134FX	444.4 kcmil (1100/24) (450 kcmil Nom	—		450 kcmil	.67 [17]	3.14 [80]	5.04 [128]	1.34 [34]	1.19 [30]	Brown	20	—	—	—	—	U34RT (4)	U34RT (4)	U34RT (4)	L34RT (2)	(1)	3-1/4"
YE38P71X142FX	535.3 kciml (1325/24) (500 kcmil Nom	—		500 kcmil	.71 [18]	3.29 [84]	5.30 [135]	1.42 [36]	1.25 [32]	Pink	L99	—	—	—	—	U38XRT (4)	U38XRT (4)	U38XRT (4)	—	(1)	3-3/8"
YE40P78X156FX	646 kcmil (1600/24) (600 kcmil Nom	—		600 kcmil	.78 [20]	3.31 [84]	5.51 [140]	1.56 [40]	1.35 [34]	Black	24	—	—	—	—	U39RT (4)	U39RT (4)	U39RT (4)	L39RT (2)	(1)	3-7/16"
YE44P87X174FX	777.7 kcmil (1925/24) (750 kcmil Nom	—		750 kcmil	.87 [22]	3.54 [90]	5.99 [152]	1.74 [44]	1.50 [38]	Yellow	L115	—	—	—	—	U44XRT (4)	U44XRT (4)	U44XRT (4)	—	(1)	3-5/8"
	Code Conductor Only AWG																				
YE29P50X100	250 kcmil	250		250 kcmil	.50 [13]	1.99 [51]	3.33 [84]	1.00 [25]	.75 [19]	Yellow	16	MY29-11 (2)	—	W29VT (4)	W29RT (4)	U29RT (2)	U29RT (2)	U29RT (2)	L29RT (1)	250 kcmil - 1/0 AWG (1)	2-1/2"
YE30P55X110	300 kcmil	300		300 kcmil	.55 [14]	2.37 [60]	3.85 [98]	1.10 [28]	.81 [21]	White	17	—	—	W30VT (8)	W30RT (8)	U30RT (4)	U30RT (4)	U30RT (4)	L30RT (1)	300 kcmil - 2/0 AWG (1)	2-5/8"
YE31P59X118	350 kcmil	350		350 kcmil	.59 [15]	2.39 [61]	3.98 [101]	1.18 [30]	.88 [22]	Red	18	—	—	W31VT (8)	W31RT (8)	U31RT (4)	U31RT (4)	U31RT (4)	L31RT (1)	350 kcmil - 3/0 AWG (1)	2-3/4"
YE32P63X126	400 kcmil	400		400 kcmil	.63 [16]	2.53 [65]	4.24 [108]	1.26 [32]	.95 [24]	Blue	19	—	—	W32VT (8)	W32RT (8)	U32RT (4)	U32RT (4)	U32RT (4)	L32RT (1)	450 kcmil - 4/0 AWG (1)	3-1/4"
YE34P71X142	500 kcmil	—		500 kcmil	.71 [18]	2.68 [68]	4.60 [117]	1.42 [36]	1.06 [27]	Brown	20	—	—	W34VT (8)	W34RT (8)	U34RT (4)	U34RT (4)	U34RT (4)	L34RT (2)	500 kcmil - 4/0 AWG (1)	3-3/8"
YE36P78X156	600 kcmil	—		600 kcmil	.78 [20]	3.14 [80]	5.25 [133]	1.56 [40]	1.19 [30]	Green	22	—	—	—	—	U36RT (4)	U36RT (4)	U36RT (4)	L36RT (2)	600 kcmil - 250 kcmil (1)	3-7/16"
YE39P87X174	750 kcmil	—		750 kcmil	.87 [22]	3.37 [86]	5.73 [145]	1.74 [44]	1.30 [33]	Black	24	—	—	—	—	U39RT (4)	U39RT (4)	U39RT (4)	L39RT (2)	750 kcmil - 500 kcmil (1)	3-5/8"

1 For sizes above 4/0 the MD6-6R2 must be used.

④ To use U Dies in Y46 HYPRESS™, catalog number PUADP-1 die adaptor is required.

Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

Catalog Number	Accommodates Copper Wire Sizes: Flex Cable	Code AWG	Navy	Pin Size Equivalent	Dimensions: A Dia. [MM]	B [MM]	L [MM]	P [MM]	OD [MM]	Installation Data: Color Code	Die Index	Mech Tools (# of Crimps): MY	Y2MR	MD7-34R	MD6/ MD7	Hydraulic Tools (# of Crimps): Y35/Y39 Y750	Y45	④ Y46	Y60BHU	Y644M (Accommodates Expanded Wire Range)	Cable Strip Length
YEV2CP23X75FX	#2 Str. (125/24-150/24)	#2	60	#3	.23 [6]	1.65 [42]	2.60 [66]	.75 [19]	.46 [12]	Brown	10	MY29-11 (2)	Y2MR (4)	W2CVT (2)	W2CVT (2)	U2CRT (2)	U2CRT (2)	U2CRT (2)	—	#2 - #6 AWG (1)	1-3/4″
YEV1CP26X75FX	#1 Str. (175/24-225/24)	#1	75	#2	.26 [7]	1.66 [42]	2.63 [67]	.75 [19]	.51 [13]	Green	11	MY29-11 (2)	—	W1CVT (2)	W1CVT (2)	U1CRT (2)	U1CRT (2)	U1CRT (2)	—	#1 - #6 AWG (1)	1-3/4″
YEV25P29X75FX	1/0 Str. (275/24)	1/0	100	#1	.29 [8]	1.80 [46]	2.80 [71]	.75 [19]	.56 [14]	Pink	12	MY29-11 (2)	—	W25VT (4)	W25VT (4)	U25RT (2)	U25RT (2)	U25RT (2)	—	1/0 - #6 AWG (1)	1-7/8″
YEV26P33X75FX	2/0 Str. (325/24)	2/0	125	1/0	.33 [8]	1.82 [46]	2.86 [73]	.75 [19]	.63 [16]	Black	13	MY29-11 (2)	—	W26VT (4)	W26VT (4)	U26RT (2)	U26RT (2)	U26RT (2)	—	2/0 - #4 AWG (1)	1-7/8″
YEV27P37X75FX	3/0 Str. (450/24)	3/0	150	2/0	.37 [9]	1.97 [50]	3.04 [77]	.75 [19]	.70 [18]	Orange	14	MY29-11 (2)	—	W27VT (4)	W27VT (4)	U27RT (2)	U27RT (2)	U27RT (2)	—	3/0 - #2 AWG (1)	2-1/16″
YEV28P41X75FX	4/0 Str. (550/24)	4/0	200	3/0	.41 [10]	1.99 [51]	3.18 [81]	.75 [21]	.77 [20]	Purple	15	MY29-11 (2)	—	W28VT (4)	W28VT (4)	U28RT (2)	U28RT (2)	U28RT (2)	—	4/0 - #1 AWG (1)	2-1/16″
	Flex Cable Only																				
YE30P46X92FX	250 kcmil Flex CLASS G 259 CLASS H 427	—	4/0	.46 [12]	2.37 [60]	3.67 [93]	.92 [23]	.81 [21]	Yellow	16	MY29-11 (2)	—	W29VT (4)	W29VT (4)	U29RT (2)	U29RT (2)	U29RT (2)	L29RT (1)	(1)	2-3/8″
YE32P51X102FX	313.1 kcmil (775/24) (300 kcmil Nom)	—	250 kcmil	.51 [13]	2.53 [65]	4.00 [102]	1.02 [26]	.95 [24]	Red	18	—	—	W31VT (8)	—	U31RT (4)	U31RT (4)	U31RT (4)	L31RT (1)	(1)	2-5/8″
YE34P55X110FX	373.7 kcmil (925/24) (350 kcmil Nom)	—	300 kcmil	.55 [14]	2.68 [68]	4.28 [109]	1.10 [28]	1.06 [27]	Blue	19	—	—	W32VT (8)	—	U32RT (4)	U32RT (4)	U32RT (4)	L32RT (2)	(1)	2-3/4″
YE36P59X118FX	444.4 kcmil (1100/24) (450 kcmil Nom)	—	350 kcmil	.59 [15]	3.14 [80]	4.88 [124]	1.18 [30]	1.19 [30]	Brown	20	—	—	—	—	U34RT (4)	U34RT (4)	U34RT (4)	L34RT (2)	(1)	3-1/4″
YE38P67X134FX	535.3 kcmil (1325/24) (500 kcmil Nom)	—	450 kcmil	.67 [17]	3.29 [84]	5.22 [133]	1.34 [34]	1.25 [32]	Pink	L99	—	—	—	—	U38XRT (4)	U38XRT (4)	U38XRT (4)	—	(1)	3-3/8″
YE40P71X142FX	646 kcmil (1600/24) (600 kcmil Nom)	—	500 kcmil	.71 [18]	3.31 [84]	5.27 [136]	1.42 [36]	1.35 [34]	Black	24	—	—	—	—	U39RT (4)	U39RT (4)	U39RT (4)	L39RT (2)	(1)	3-7/16″
YE44P78X156FX	777.7 kcmil (1925/24) (750 kcmil Nom)	—	600 kcmil	.78 [20]	3.54 [90]	5.81 [148]	1.56 [40]	1.50 [38]	Yellow	L115	—	—	—	—	U44XRT (4)	U44XRT (4)	U44XRT (4)	—	(1)	3-5/8″
	Code Conductor Only AWG																				
YE29P46X92	250 kcmil	250	4/0	.46 [12]	2.37 [60]	3.25 [82]	.92 [23]	.75 [19]	Yellow	16	MY29-11 (2)	—	W29VT (4)	W29RT (4)	U29RT (2)	U29RT (2)	U29RT (2)	L29RT (1)	250 kcmil - 1/0 AWG (1)	2-1/2″
YE30P50X100	300 kcmil	300	250 kcmil	.51 [13]	2.39 [61]	3.75 [95]	1.00 [25]	.81 [21]	White	17	—	—	W30VT (8)	W30RT (8)	U30RT (4)	U30RT (4)	U30RT (4)	L30RT (1)	300 kcmil - 2/0 AWG (1)	2-5/8″
YE31P55X110	350 kcmil	350	300 kcmil	.55 [14]	2.53 [65]	3.90 [99]	1.10 [28]	.88 [22]	Red	18	—	—	W31VT (8)	W31RT (8)	U31RT (4)	U31RT (4)	U31RT (4)	L31RT (1)	350 kcmil - 3/0 AWG (1)	2-3/4″
YE32P59X118	400 kcmil	400	350 kcmil	.59 [15]	2.68 [68]	4.16 [106]	1.18 [30]	.95 [24]	Blue	19	—	—	W32VT (8)	W32RT (8)	U32RT (4)	U32RT (4)	U32RT (4)	L32RT (2)	450 kcmil - 4/0 AWG (1)	3-1/4″
YE34P63X126	500 kcmil	—	400 kcmil	.63 [16]	3.14 [80]	4.44 [113]	1.26 [32]	1.06 [27]	Brown	20	—	—	W34VT (8)	W34RT (8)	U34RT (4)	U34RT (4)	U34RT (4)	L34RT (2)	500 kcmil - 4/0 AWG (1)	3-3/8″
YE36P71X142	600 kcmil	—	500 kcmil	.71 [18]	3.37 [86]	5.11 [130]	1.42 [36]	1.19 [30]	Green	22	—	—	—	—	U36RT (4)	U36RT (4)	U36RT (4)	L36RT (2)	600 kcmil - 250 kcmil (1)	3-7/16″
YE39P78X156	750 kcmil	—	600 kcmil	.78 [20]	3.37 [86]	5.55 [141]	1.56 [40]	1.30 [33]	Black	24	—	—	—	—	U39RT (4)	U39RT (4)	U39RT (4)	L39RT (2)	750 kcmil - 500 kcmil (1)	3-5/8″

1 For sizes above 4/0 the MD6-6R2 must be used.
④ To use U Dies in Y46 HYPRESS™, Catalog number PUADP-1 die adaptor is required.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

REDUCED PIN DIAMETER

Catalog Number	Accommodates Copper Wire Sizes: Flex Cable	Code AWG	Navy	Pin Size Equiv-alent	Dimensions: A Dia. [MM]	B [MM]	L [MM]	P [MM]	OD [MM]	Installation Data: Color Code	Die Index	Mech Tools (# of Crimps): MY	Y2MR	MD7-34R	MD6/ MD7	Hydraulic Tools (# of Crimps): Y35/Y39 Y750	Y45	④ Y46	Y60BHU	Y644M (Accommodates Expanded Wire Range)	Cable Strip Length
YEV4CP16X75FX	#4 Str. (91/24-105/24)	#4	40	#6	.16 [4]	1.37 [35]	2.27 [58]	.75 [19]	.38 [10]	Gray	8	MY29-11 (2)	Y2MR (4)	W4CVT (4)	W4CRT (4)	U4CRT (2)	U4CRT (2)	U4CRT (2)	—	#4 - #6 AWG (1)	1-15/32″
YEV2CP20X75FX	#2 Str. (125/24-150/24)	#2	60	#4	.20 [5]	1.65 [42]	2.60 [66]	.75 [19]	.46 [12]	Brown	10	MY29-11 (2)	Y2MR (4)	W2CVT (4)	W2CRT (4)	U2CRT (2)	U2CRT (2)	U2CRT (2)	—	#2 - #6 AWG (1)	1-3/4″
YEV1CP23X75FX	#1 Str. (175/24-225/24)	#1	75	#3	.23 [6]	1.66 [42]	2.63 [67]	.75 [19]	.51 [13]	Green	11	MY29-11 (2)	—	W1CVT (4)	W1CRT (4)	U1CRT-1 (2)	U1CRT-1 (2)	U1CRT-1 (2)	—	#1 - #6 AWG (1)	1-3/4″
YEV25P26X75FX	1/0 Str. (275/24)	1/0	100	#2	.26 [7]	1.80 [46]	2.80 [71]	.75 [19]	.56 [14]	Pink	12	MY29-11 (2)	—	W25VT (4)	W25RT (4)	U25RT (2)	U25RT (2)	U25RT (2)	—	1/0 - #6 AWG (1)	1-7/8″
YEV26P29X75FX	2/0 Str. (325/24)	2/0	125	#1	.29 [8]	1.82 [46]	2.86 [73]	.75 [19]	.63 [16]	Black	13	MY29-11 (2)	—	W26VT (4)	W26RT (4)	U26RT (2)	U26RT (2)	U26RT (2)	—	2/0 - #4 AWG (1)	1-7/8″
YEV27P33X75FX	3/0 Str. (450/24)	3/0	150	1/0	.33 [8]	1.97 [50]	3.04 [77]	.75 [19]	.70 [18]	Orange	14	MY29-11 (2)	—	W27VT (4)	W27RT (4)	U27RT (2)	U27RT (2)	U27RT (2)	—	3/0 - #2 AWG (1)	2-1/16″
YEV28P37X75FX	4/0 Str. (550/24)	4/0	200	2/0	.37 [9]	1.99 [51]	3.11 [81]	.75 [19]	.77 [20]	Purple	15	MY29-11 (2)	—	W28VT (4)	W28RT (4)	U28RT (2)	U28RT (2)	U28RT (2)	—	4/0 - #1 AWG (1)	2-1/16″
	Flex Cable Only																				
YE31P41X82FX	262.6 kcmil Flex 250 Flex CLASS I, K, M	—		3/0	.41 [10]	2.39 [61]	3.62 [92]	.82 [21]	.88 [22]	White	17	—	—	W30VT (8)	W30RT (8)	U30RT (4)	U30RT (4)	U30RT (4)	L30RT (1)	(1)	2-1/2″
YE34P51X102FX	373.7 kcmil (925/24) (350 kcmil Nom)	—		250 kcmil	.51 [13]	2.68 [68]	4.20 [107]	1.02 [26]	1.06 [27]	Blue	19	—	—	W32VT (8)	W32RT (8)	U32RT (4)	U32RT (4)	U32RT (4)	L32RT (2) 1	(1)	2-3/4″
YE38P59X118FX	535.3 kciml (1325/24) (500 kcmil Nom)	—		350 kcmil	.59 [15]	3.29 [84]	5.06 [129]	1.18 [30]	1.25 [32]	Pink	L99	—	—	—	—	U38XRT (4)	U38XRT (4)	U38XRT (4)	—	(1)	3-3/8″
YE40P67X134FX	646 kcmil (1600/24) (600 kcmil Nom)	—		450 kcmil	.67 [17]	3.31 [84]	5.29 [134]	1.34 [34]	1.35 [34]	Black	24	—	—	—	—	U39RT (4)	U39RT (4)	U39RT (4)	L39RT (2)	(1)	3-7/16″
	Code Conductor Only AWG																				
YE29P31X109	250 kcmil	250		#1	.31	1.99 [51]	3.32 [79]	1.09 [28]	.75 [19]	Yellow	16	MY29-11 (2)	—	W29VT (4)	W29RT (4)	U29RT (2)	U29RT (2)	U29RT (2)	L29RT (1)	250 kcmil - 1/0 AWG (1)	2-1/2″
YE29P41X82				3/0	.41 [10]	1.99 [51]	3.15 [80]	.82 [21]	.75 [19]	Yellow	16	MY29-11 (2)	—	W29VT (4)	W29RT (4)	U29RT (2)	U29RT (2)	U29RT (2)	L29RT (1)	250 kcmil - 1/0 AWG (1)	2-1/2″
YE30P46X92	300 kcmil	300		4/0	.46 [12]	2.37 [60]	3.67 [93]	.92 [23]	.81 [21]	White	17	—	—	W30VT (8)	W30RT (8)	U30RT (4)	U30RT (4)	U30RT (4)	L30RT (1)	300 kcmil - 2/0 AWG (1)	2-5/8″
YE31P50X100	350 kcmil	350		250 kcmil	.51 [13]	2.39 [61]	3.80 [96]	1.00 [25]	.88 [22]	Red	18	—	—	W31VT (8)	W31RT (8)	U31RT (4)	U31RT (4)	U31RT (4)	L31RT (1)	350 kcmil - 3/0 AWG (1)	2-3/4″
YE32P55X110	400 kcmil	400		300 kcmil	.55 [14]	2.53 [65]	4.08 [104]	1.10 [28]	.95 [24]	Blue	19	—	—	W32VT (8)	W32RT (8)	U32RT (4)	U32RT (4)	U32RT (4)	L32RT (1)	450 kcmil - 4/0 AWG (1)	3-1/4″
YE34P59X118	500 kcmil	—		350 kcmil	.59 [15]	2.68 [68]	4.36 [111]	1.18 [30]	1.06 [27]	Brown	20	—	—	W34VT (8)	W34RT (8)	U34RT (4)	U34RT (4)	U34RT (4)	L34RT (2)	500 kcmil - 4/0 AWG (1)	3-3/8″
YE36P63X126	600 kcmil	—		400 kcmil	.63 [16]	3.14 [80]	4.95 [126]	1.26 [32]	1.19 [30]	Green	22	—	—	—	—	U36RT (4)	U36RT (4)	U36RT (4)	L36RT (2)	600 kcmil - 250 kcmil (1)	3-7/16″
YE39P71X142	750 kcmil	—		500 kcmil	.71 [18]	3.37 [86]	5.41 [137]	1.42 [36]	1.30 [33]	Black	24	—	—	—	—	U39RT (4)	U39RT (4)	U39RT (4)	L39RT (2)	750 kcmil - 500 kcmil (1)	3-5/8″

1 For sizes above 4/0 the MD6-6R2 must be used.

④ To use U Dies in Y46 HYPRESS™, Catalog number PUADP-1 die adaptor is required.

Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

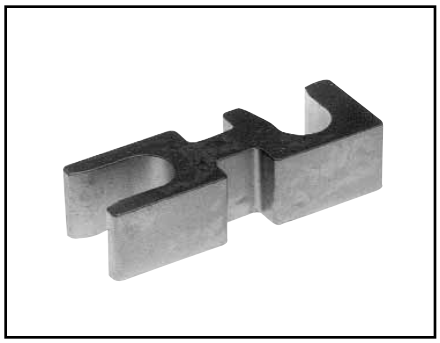
TYPE ASA-U

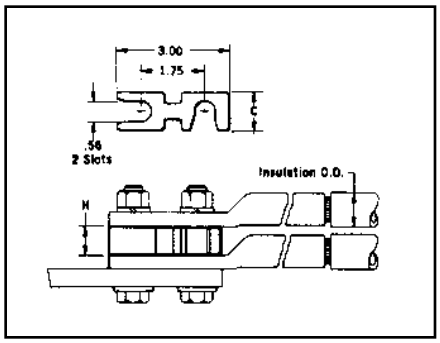
HYSTACK™

TERMINAL STACKING ADAPTOR
FOR ALUMINUM AND COPPER TERMINALS

UL Listed 90° C,
600 Volts to 35 kV ◆

The HYSTACK™ adaptor is specially designed to allow standard terminals to be stacked on two or four hole NEMA transformer or equipment terminal pads. HYSTACK™ is tin-plated, high-conductivity aluminum to provide optimum corrosion resistance. Only three sizes accommodate terminals from 250 mcm through 1000 mcm to help keep costly inventories to a minimum.





Accommodates Copper and Aluminum Compression Terminals		Catalog Number	C	H
Conductor Max.	Insulation O.D.			
250 kcmil	.868	**ASA250U**	1.00	.77
800 kcmil	1.372	**ASA800U**	1.00	1.13
1000 kcmil	1.494	**ASA1000U**	1.25	1.25

To stack 4 hole NEMA drilled terminals use 2 adaptors assembled side by side.

ASA-U stacking adaptors are recommended for use with any BURNDY® UL Listed compression terminal, 2 or 4 hole NEMA pad aluminum and copper lugs,types YA, YA-L, YA-A, and for all 2-hole NEMA spaced lugs in the OVERHEAD and UNDERGROUND catalog sections.
Note: All dimensions shown are for reference only.

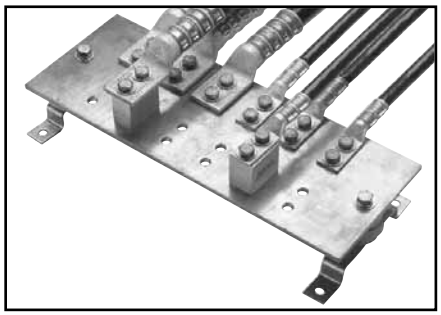
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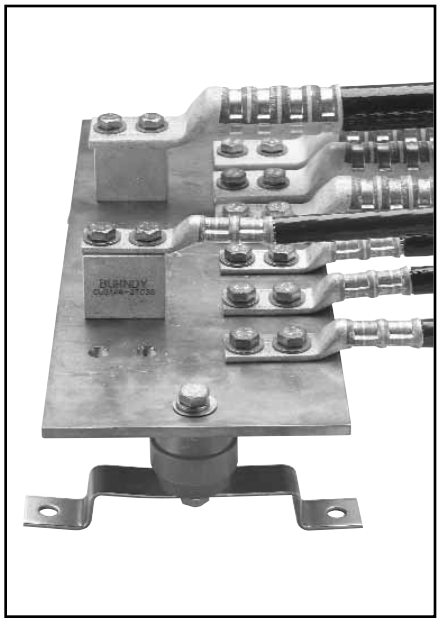
HYSTACK™

TERMINAL STACKING ADAPTOR

This HYSTACK™ adaptor is specially designed to get terminals to the back end of a bus bar or other areas that require terminals to be elevated off the mounting surface. This HYSTACK™ is made from high conductivity copper and tin-plated to provide optimum corrosion resistance. It will accommodate #10 AWG through 750 kcmil HYLUGS™.







Catalog Number	Stud Hole Size	Stud Hole Spacing	Length	Width	Height
CUSA442TC38	3/8″	1″	1.75″	1.12″	1.50″
CUSA442NTC	1/2″	1 - 3/4″	2.50″	1.12″	1.50″

Reference: Catalog Number TMH332.
This TMH332 Kit has just the right hardware when using the CUSA442TC38 HYSTACK™ on a 1/4 bus bar with a 4/0 through 750 kcmil HYLUG™.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

TYPES YA-A AND YA-A-TN

HYLUG™

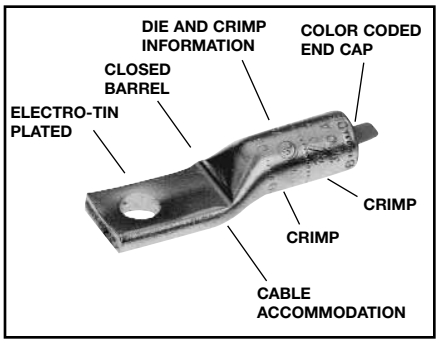
UNINSULATED ALUMINUM COMPRESSION TERMINAL FOR ALUMINUM AND COPPER CONDUCTORS

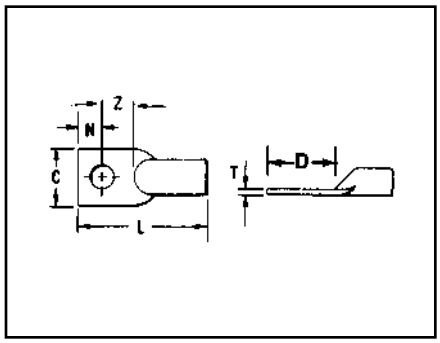
1-HOLE DESIGN

UL Listed 90° C,
600 Volts to 35 kV◆

Type YA-A aluminum tin-plated compression HYLUG™ terminals are dual-rated and designed for use on both aluminum and copper conductors from #12 sol. through 2000 kcmil.

They are designed for heavy duty applications to 35KV. YA-A terminals are prefilled with PENETROX®, and assembled with color-coded end caps. Available with one, two, and four-hole NEMA tongues, the aluminum HYLUG™ terminals are designed for a permanent trouble-free electrical termination.





Features and Benefits

- Manufactured from high conductivity, wrought aluminum with heavy duty wall thickness.
  - ◇ Provides maximum conductivity, low resistance and ductility for an excellent combination of electrical and crimp forming properties.
- Electro-tin plated.
  - ◇ Provides durable long lasting corrosion resistance.
- Internally bevelled barrel.
  - ◇ Provides easy cable insertion.
- Meets UL486B 90° C requirements.
  - ◇ Provides a quality electrical dual connection.
- Connector is clearly marked with wire size, die index, color-code and the proper number and location of crimps.
  - ◇ Provides easy identification and tooling recommendation for a proper compression which forms a homogeneous mass resulting in an excellent electrical connection.
- Factory prefilled with PENETROX® oxide inhibiting compound.
  - ◇ Oxide inhibiting compound contains homogeneously suspended metallic particles to penetrate the wires' oxides, establish electrical continuity and forms an airtight connection.
- Color-coded end caps inserted in barrel end.
  - ◇ Prevents foreign materials from entering and contaminating the connector prior to usage plus identifies the proper color-coded die for a reliable connection.

Catalog Number	Code Conductor •	Stud Size	No. of Holes in Pad	Dimensions						Installation Tooling ▲					Wire Strip Length
										Dieless (# of crimps)		Y35, Y39, Y750, Y46*		▲	
				C	D	L	N	T Ref.	Z Min.	Mechanical Tooling	Hydraulic HYPRESS™	Die Number (# of crimps)	Color Code	Die Index	
YA12A-TN ‡	12 str.	10	1	.41	.50	1.22	.20	.08	.30	MR8-27 (1)	—	—	①	—	5/8″
YA10A-TN ‡	10 str.	10	1	.41	.50	1.22	.20	.08	.30						
YA8CA1	8 str.	10	1	.53	.60	1.50	.20	.09	.40	MY29-3 (1) MRC840AL (1)	Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	U8CABT (1)	Blue	374	5/8″
YA8CA3		1/4		.53	.75	1.65	.25	.09	.50						
YA6CA1	6 str.	1/4	1	.47	.75	1.84	.33	.14	.42		MY644M (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	U6CABT (1)	Gray	346	3/4″
YA6CA3		3/8		.65	1.19	2.28	.44	.09	.75						

• Contact BURNDY® for conductor, stud sizes and hole drillings not shown.
◆ See tooling section of this catalog for complete tool and die listings.
① No color code assigned.
‡ UL Listed for Aluminum only.
* Use PUADP-1 adaptor with U dies in Y46 Hypress™.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

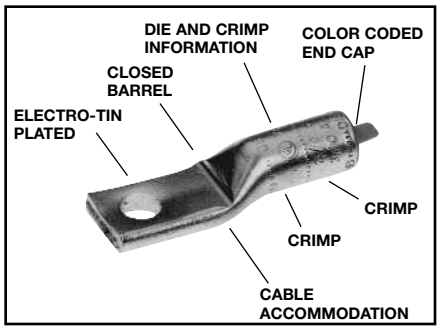
TYPES YA-A AND YA-A-TN

(Continued)

HYLUG™

UNINSULATED ALUMINUM COMPRESSION TERMINAL FOR ALUMINUM AND COPPER CONDUCTORS

1-HOLE DESIGN



AL9CU

UL Listed 90° C,
600 Volts to 35 kV◆

Catalog Number	Code Conductor	Stud Size	No. of Holes in Pad	Dimensions C	D	L	N	T REF.	Z Min.	Installation Tooling ▲ Dieless (# of crimps) Mechanical Tooling	Hydraulic HYPRESS™	Y35, Y39, Y750, Y46* Die Number (# of crimps)	Color Code	▲ Die Index	Wire Strip Length
YA4CA1	4 str.	1/4	1	.47	.75	2.13	.33	.18	.42	MY29-3 (1) MRC840AL (1)	Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1) Y644HS (1)	U4CABT (1)	Green	375	7/8″
YA4CA3		5/16		.80	.87	2.25	.41	.12	.46						
YA4CA6		3/8		.80	.94	2.32	.44	.12	.50						
YA2CA5	2 str.	1/4	1	.50	.91	2.25	.32	.22	.43	MY29-3 (1) MRC840AL (1)	Y81KFT (2) Y81KFTMBH (2) Y644HS (1) PAT81KFT-18V (2)	U2CABT (1)	Pink	348	1-1/8″
YA2CA1		5/16		.88	1.03	2.50	.41	.16	.47						
YA2CA3		3/8		.88	1.03	2.56	.44	.16	.50						
YA1CA1	1 str.	3/8	1	.76	1.19	2.59	.44	.19	.75			U1CART (1)	Gold	471	15/16″
YA25A1	1/0 str.	5/16	1	.60	.87	2.31	.41	.21	.46			U25ART (1)	Tan	296	1-1/16″
YA25A3		3/8		.82	1.18	2.67	.63	.21	.55						
YA25A9		1/2		1.03	1.34	2.67	.63	.17	.71						
YA26A6	2/0 str.	3/8	1	.67	1.18	2.79	.44	.24	.74	MY29-3 (2) MRC840AL (2)		U26ART (2)	Olive	297	1-3/8″
YA26A1		1/2		1.03	1.36	3.03	.63	.20	.73						
YA27A1	3/0 str.	3/8	1	.73	1.18	2.88	.44	.26	.74			U27ART (2)	Ruby	467	1-1/2″
YA27A3		1/2		1.04	1.37	3.27	.63	.26	.74						
YA28A1	4/0 str.	3/8	1	1.17	1.18	3.26	.44	.30	.74			U28ART (2)	White	298	1-5/8″
YA28A3		1/2		1.17	1.36	3.44	.63	.30	.73						
YA29A1	250 kcmil	1/2	1	1.26	1.36	3.53	.63	.33	.73	—		U29ART (2)	Red	324	1-5/8″
YA30A6	300 kcmil	3/8	1	1.38	1.37	3.90	.63	.36	.74			U30ART (2)	Blue	470	1-3/4″
YA30A1		1/2		1.38	1.37	3.90	.63	.36	.74						
YA31A1	350 kcmil	1/2	1	1.52	1.37	4.33	.63	.39	.74	—	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	U31ART (2)	Brown	299	2-1/8″
YA32A1	400 kcmil	5/8	1	1.62	1.88	4.92	.88	.43	1.00	—	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	U32ART (4)	Green	472	2-1/2″
YA34A1	500 kcmil	5/8	1	1.80	1.91	5.56	.88	.46	1.03			U34ART (4)	Pink	300	2-5/8″
YA36A1	600 kcmil	5/8	1	1.97	1.88	5.82	.88	.52	1.00			U36ART (4)	Black	473	2-7/8″
YA39A1	700/750 kcmil	1/2	1	2.05	1.34	5.26	.63	.43	.71			U39ART-2 (4)	Yellow	936	2-7/8″
YA39A3	900 Compact AL +	5/8		2.05	1.88	5.80	.88	.43	1.00						
YA44A1	1000 kcmil	5/8	1	2.50	1.89	6.50	.88	.43	1.01	—		P44ART** (4)	Brown	302	3″

- Contact BURNDY® for conductor, stud sizes and hole drillings not shown.
- ▲ See tooling section of this catalog for complete tool and die listings.

* Use PUADP-1 adaptor with U dies in Y46 Hypress™.
** P44ART for use with Y46 HYPRESS™ only. PUADP-1 adapter not required.
\+ Tested with Y644HS and PAT644 dieless tools only and not UL Listed with any tool on 900 Compact Al.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Y644HS DIELESS HYPRESS™ RANGE-TAKING CAPABILITIES

The following size HYDENT™ lugs and two way splices, when crimped with the Y644HS DIELESS HYPRESS™ tool, produce the following range taking capabilities:

Aluminum Connectors					
Standard Wire Size	Expanded Wire Range	Standard Wire Size	Expanded Wire Range	Standard Wire Size	Expanded Wire Range
#6 AWG	#6 AWG	1/0 AWG	1/0 - #1 AWG	250 kcmil	250 kcmil - 1/0 AWG
#4 AWG	#4 - #6 AWG	2/0 AWG	2/0 - #1 AWG	300 kcmil	300 kcmil - 2.0 AWG
#2 AWG	#2 - #6 AWG	3/0 AWG	3/0 - #1 AWG	350 kcmil	350 kcmil - 3/0 AWG
#1 AWG	#1 - #2 AWG	4/0 AWG	4/0 - #1 AWG	400 kcmil	400 kcmil - 4/0 AWG
				500 kcmil	500 kcmil - 4/0 AWG
				600 kcmil	600 - 250 kcmil
				750 kcmil	750 - 500 kcmil

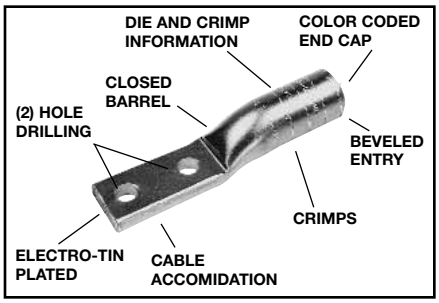
TYPE YA-A

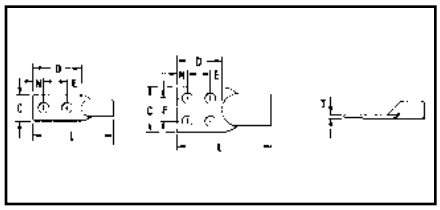
HYLUG™

UNINSULATED ALUMINUM COMPRESSION TERMINAL FOR ALUMINUM AND COPPER CONDUCTORS

2-HOLE AND 4-HOLE DESIGNS

UL Listed 90° C,
600 Volts to 35 kV◆





Type YA-A 2- and 4-hole pads inhibit connector rotation and increase area contact. These aluminum terminals have the same design features and benefits as the 1-hole YA-A with an added stud hole for a more secure termination to various types of equipment pads. They are dual-rated for use on both aluminum and copper conductors.

Catalog Number	Code Conductor	● Stud Size	● No. of Holes in Pad	Dimensions C	D	E & F	L	N	T REF.	Z Min.	Installation Tooling ▲ Dieless (# of crimps) Mechanical Tooling	Hydraulic HYPRESS	Y35, Y39, Y750, Y46* Die Number (# of crimps)	Color Code	▲ Die Index	Wire Strip Length
YA2CA9	2 str.	1/2	2-NEMA	.88	3.11	1.75	4.73	.63	.16	.73	MY29-3 (1)	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	U2CABT (1)	Pink	348	1-1/8″
YA25A5	1/0 str.	3/8	2	.82	2.24	1.06	3.73	.63	.21	.55	MY29-3 (1)	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	U25ART (1)	Tan	296	1-1/16″
YA25A7		1/2	2-NEMA	1.03	3.10	1.75	4.59	.63	.17	.72						
YA26A3	2/0 str.	1/2	2-NEMA	1.03	3.11	1.75	4.78	.63	.20	.73	MY29-3 (2)	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	U26ART (2)	Olive	297	1-3/8″
YA26A5		3/8	2	.92	1.89	1.00	3.56	.44	.24	.45						
YA27A5	3/0 str.	1/2	2-NEMA	1.04	3.12	1.75	5.02	.63	.26	.74			U27ART (2)	Ruby	467	1-1/2″
YA27A7		3/8	2	1.04	1.89	1.00	3.79	.44	.26	.45						
YA28A5	4/0 str.	1/2	2-NEMA	1.17	3.11	1.75	5.19	.63	.30	.73			U28ART (2)	White	298	1-5/8″
YA28A7		3/8	2	1.17	1.89	1.00	3.97	.44	.30	.45						
YA29A3	250 kcmil	1/2	2-NEMA	1.26	3.11	1.75	5.28	.63	.33	.73	MY29-3 (2)		U29ART (2)	Red	324	1-5/8″
YA29A5		3/8	2	1.26	1.89	1.00	4.06	.44	.33	.45						
YA30A3	300 kcmil	1/2	2-NEMA	1.38	3.11	1.75	5.69	.63	.36	.73			U30ART (2)	Blue	470	1-3/4″
YA30A5		3/8	2	1.38	1.89	1.00	5.64	.44	.36	.45						
YA31A5	350 kcmil	3/8	2	1.52	1.89	1.00	4.85	.44	.39	.45		Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	U31ART (2)	Brown	299	2-1/8″
YA31A3		1/2	2-NEMA	1.52	3.11	1.75	6.07	.63	.39	.73						
YA32A5	400 kcmil	3/8	2	1.62	1.89	1.00	4.93	.44	.43	.94			U32ART (4)	Green	472	2″
YA34A3	500 kcmil	1/2	2-NEMA	1.62	3.15	1.75	6.80	.63	.46	.77		Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	U34ART (4)	Pink	300	2-5/8″
YA34A5		3/8	2	1.80	1.89	1.00	5.54	.44	.46	.45						
YA36A3	600 kcmil	1/2	2-NEMA	1.62	3.15	1.75	7.09	.63	.52	.77			U36ART (4)	Black	473	2-7/8″
YA36A5		3/8	2	1.97	1.89	1.00	5.83	.44	.52	.45						
YA39A7	700/750 kcmil 900 Compact AL +	3/8	2	2.05	1.89	1.00	5.81	.44	.43	.45			U39ART-2 (4)	Yellow	936	2-7/8″
YA39A5		1/2	2-NEMA	1.62	3.15	1.75	7.07	.63	.43	.77						
YA39AM2		1/2	2-NEMA	1.69	3.12	1.75	7.31	.63	.57	.74			P39ART** (4)	Red	301	2-7/8″
YA44A3	1000 kcmil	1/2	2-NEMA	1.65	3.15	1.75	7.76	.63	.66	.77	—	—	P44ART** (4)	Brown	302	3″
YA45A5	1250 kcmil	1/2	2-NEMA	1.65	3.15	1.75	7.76	.63	.66	.77			P44ART** (4)	Brown	302	3″
YA46A3	1500 kcmil	1/2	2-NEMA	3.09	3.16	1.75	8.75	.63	.81	.78			L46ART (2)	Red	478	2-3/4″
YA46A5	1500 kcmil	1/2	4-NEMA	3.09	3.16	1.75	8.75	.63	.81	.78						
YA48A3	2000 kcmil	1/2	2-NEMA	3.57	3.11	1.75	8.49	.63	.90	.73			L48ART (2)	Red	479	4-1/8″

- ● Contact BURNDY® or conductor, stud sizes and hole drillings not shown.
- ▲ See tooling section of this catalog for complete tool and die listings.
- ‡ Use Y60 BHU HYPRESS™ with L46ART and L48ART die sets. 90° C Rated.
- * Use PUADP-1 adaptor with U dies in Y46 HYPRESS™.
- ** P39ART and P44ART die sets for use with Y46 HYPRESS™ only. PUADP-1 adapter not required.
- \+ Tested with Y644HS and PAT644 dieless tools only and not UL Listed with any tool on 900 Compact Al.
- ◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

Note: All dimensions shown are for reference only.

Y644HS DIELESS HYPRESS™ RANGE-TAKING CAPABILITIES

The following size HYDENT™ lugs and two way splices, when crimped with the Y644HS DIELESS HYPRESS™ tool, produce the following range taking capabilities:

Aluminum Connectors					
Standard Wire Size	**Expanded Wire Range**	**Standard Wire Size**	**Expanded Wire Range**	**Standard Wire Size**	**Expanded Wire Range**
#6 AWG	#6 AWG	1/0 AWG	1/0 - #1 AWG	250 kcmil	250 kcmil - 1/0 AWG
#4 AWG	#4 - #6 AWG	2/0 AWG	2/0 - #1 AWG	300 kcmil	300 kcmil - 2.0 AWG
#2 AWG	#2 - #6 AWG	3/0 AWG	3/0 - #1 AWG	350 kcmil	350 kcmil - 3/0 AWG
#1 AWG	#1 - #2 AWG	4/0 AWG	4/0 - #1 AWG	400 kcmil	400 kcmil - 4/0 AWG
				500 kcmil	500 kcmil - 4/0 AWG
				600 kcmil	600 - 250 kcmil
				750 kcmil	750 - 500 kcmil

TYPE YA-A-KIT

TRANSFORMER LUG KIT

Each kit contains the UL Listed and CSA certified AL9CU rated aluminum compression connectors and tongue mounting hardware needed to terminate aluminum or copper cables in dry type transformers. The KVA rating gives an approximate cross reference to the appropriate kit.



CONNECTOR

Features and Benefits

- UL Listed AL9CU dual rated compression terminals and CSA certified.
  - ◇ Ensure the transformer feeders and taps are terminated properly.
- Plated steel cap screws and hex nuts with captive conical washers or individual Belleville washers.
  - ◇ Terminal to bus connections are made using proper hardware resulting in true torque to pressure performance. Compensates for dissimilar metal expansion and contraction.
- Hardware packed in plastic bag.
  - ◇ No lost hardware prior to installation.

Catalog Number	KVA	Terminals		Wire Range with Y644HS	Bolt		Hardware		Washer
		Qty.	Cat. No.		Qty.		Qty.		
YA-A-KIT1	15-37.5 1Ø	8	YA2C-A5	#6-2 AWG	8	1/4-20 × 3/4	8	1/2 × 20HN	Captive
	15-45.3 3Ø	4	YA30-A7	2/0 AWG-300 kcmil					
YA-AKIT2	50-75 1Ø	12	YA30-A7	2/0 AWG-300 kcmil	8	1/4-20 × 3/4	16	1/4 × 20HN	Captive
	75-112.5 3Ø				8	1/4-20 × 2			
YA-AKIT3	100-167 1Ø	3	YA30-A7	2/0 AWG-300 kcmil	3	1/4-20 × 3/4	3	1/4 × 20	Captive
	150-300 3Ø	22	YA39-A1	500-750 kcmil	16	1-2-13 × 2	16	1/2-13	1/2 Belleville

HH- Hex Head
HN- Hex Nut
See Mechanical section for set screw terminal kits.
Note: All dimensions shown are for reference only.

TYPE AYP, AYPO

HYPLUG™

FOR ALUMINUM AND COPPER CONDUCTOR

UL Listed 90° C,
600 Volts to 35 kV◆

Types AYP and AYPO aluminum compression adapters are designed for reliable termination of aluminum and copper conductor in mechanical connectors. Typical applications include mechanical connectors in molded case circuit breakers, panel board equipment and meter sockets.

AL9CU



TYPE AYP



TYPE AYPO

For Copper HYPLUG™ go to page C-110

Features and Benefits

- All-aluminum electro-tin plated design.
  - ◊ Eliminates possible bi-metallic corrosion and provides the shortest connector length design possible.
- Shortest connector length design possible.
  - ◊ Permits easy installation in equipment with limited working space.
- Solid electro-tin plated aluminum plug.
  - ◊ Proper electrical connection made easily. Eliminates how tight is tight problem.
- Smooth surface on the solid EC aluminum electro-tin plated plug.
  - ◊ Provides greater area contact establishing excellent electrical conductivity.
- Solid plug has equivalent cross-sectional area as current carrying equivalent copper wire.
  - ◊ Permits use of larger aluminum wire to connect equipment.
- Offset plug design available in sizes 2/0 through 750 kcmil.
  - ◊ Provides flexibility and maximizes the use of limited space eliminating interference between conductors and equipment.
- Electro-tin plated.
  - ◊ Resists corrosion.
- Factory prefilled with the proper amount of PENETROX® joint compound.
  - ◊ PENTROX®, BURNDY's oxide inhibiting compound with conductive metallic particles penetrates aluminum oxide between strands and forms an air-tight connection.
- EPDM rubber covers are supplied with each connector and are rated for 600 V.
  - ◊ Eliminates taping.
- Only (5) die sets install the complete line from #6 to 750 kcmil.
  - ◊ Lowers inventory requirements and saves money.
- Supplied in a plastic convenience pack.
  - ◊ The cover and connector are kept together and free of foreign material until used.
- Connectors are clearly marked with catalog number, wire size, and color coded die index.
  - ◊ Provides clear, easy to use information to lower installed cost.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

TYPES AYP, AYPO

HYPLUG™

FOR ALUMINUM AND COPPER CONDUCTOR

UL Listed 90° C,
600 Volts to 35 kV◆

AL9CU

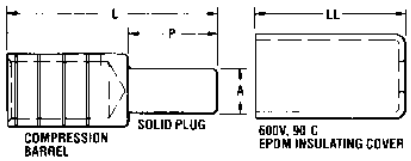


Fig 1: TYPE AYP (Straight)

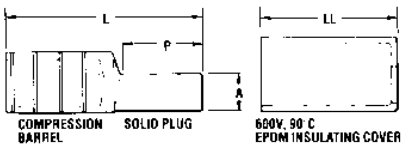


Fig 2: TYPE AYPO (Offset)

Catalog Number	Copper & Aluminum Conductor	Fig. No.	Dimensions A▼ Plug Dia.	P Plug Length	L HYPLUG Length	LL Cover Length	Installation Tooling ▲ HYTOOLS Dieless Tools (# of crimps)	+ OH25	+ MD6	Y35, Y39, Y750, Y46* Die Number (# of crimps)	Color Code	▲ Die Index & Embossment	Wire Strip Length
AYP6	#6 str	1	.23	.68	1.85	1.78	MY29-3 (2) ** Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	1 crimp	W241	U25ART (1)	Tan	296	1-1/16″
AYP4	#4 str	1	.23	.68	1.85	1.78							
AYP2	#2 str	1	.23	.68	1.85	1.78							
AYP1	#1 str	1	.26	.84	2.01	1.78							
AYP1/0	1/0 str	1	.29	.84	2.01	1.78							
AYP02/0	2/0 str	2	.33	1.09	2.70	2.44	MY29-3 (2) ** Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	—	U28ART (2)	White	298	1-1/8″
AYP03/0	3/0 str	2	.37	1.22	2.80	2.44							
AYP04/0	4/0 str	2	.42	1.22	2.80	2.44							
AYP250	250 kcmil	1	.47	1.22	2.63	2.54	Hydraulic: Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)			U31ART (2)	Brown	299	1-1/8″
AYP0250	250 kcmil	2	.47	1.22	2.98	2.88							
AYP0300	300 kcmil	2	.53	1.34	3.08	2.88							
AYP350	350 kcmil	1	.57	1.34	2.75	2.54							
AYP0350	350 kcmil	2	.57	1.34	3.08	2.88							
AYP0400	400 kcmil	2	.63	1.60	3.43	3.16				U34ART (2)	Pink	300	1-1/8″
AYP500	500 kcmil	1	.68	1.60	3.08	2.81							
AYP0500	500 kcmil	2	.68	1.60	3.43	3.16							
AYP0600	600 kcmil	2	.73	1.64	4.02	4.06	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	—	—	U39ART-2 (3)	Yellow	936	1-3/4″
AYP750	700/750 kcmil 900 Compact AL†	1	.81	1.76	3.79	3.66							
AYP0750	700/750 kcmil 900 Compact AL†	2	.81	1.76	4.16	4.06							

Scratch brush aluminum conductor before installation.
▲ See tooling section of this catalog for complete tool and die listings.
** For MY29-3 use aluminum index plate at 1/0 setting for sizes #6 through 1/0 or at 4/0 setting for sizes 2/0 through 4/0.
+ Not UL Listed.
* Use PUADP-1 adaptor with U dies in Y46 HYPRESS™.
▯ Also accomodates compressed and compact conductors (except for 700 kcmil in 750 kcmil barrel).
† Tested with Y644HS and PAT644 dieless tools only and not UL Listed with any tool on 900 Compact Al.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.
▼ For copper equivalent wire size see page O-11 (Aluminum 1350 Cable).

Y644HS DIELESS HYPRESS™ RANGE-TAKING CAPABILITIES

The following HYPLUG™ lugs and two way splices, when crimped with the Y644HS DIELESS HYPRESS™ tool, produce the following range- taking capabilities:

Aluminum Connectors					
Standard Wire Size	Expanded Wire Range	Standard Wire Size	Expanded Wire Range	Standard Wire Size	Expanded Wire Range
#6 AWG	#6 AWG	1/0 AWG	1/0 - #1 AWG	250 kcmil	250 kcmil - 1/0 AWG
#4 AWG	#4 - #6 AWG	2/0 AWG	2/0 - #1 AWG	300 kcmil	300 kcmil - 2.0 AWG
#2 AWG	#2 - #6 AWG	3/0 AWG	3/0 - #1 AWG	350 kcmil	350 kcmil - 3/0 AWG
#1 AWG	#1 - #2 AWG	4/0 AWG	4/0 - #1 AWG	400 kcmil	400 kcmil - 4/0 AWG
				500 kcmil	500 kcmil - 4/0 AWG
				600 kcmil	600 - 250 kcmil
				750 kcmil	750 - 500 kcmil

Blue highlighted items are industry standard and most frequently ordered.

TYPE YS-A

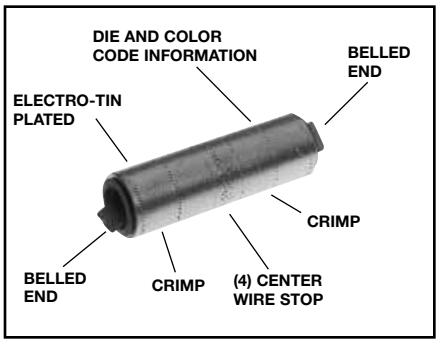
HYLINK™

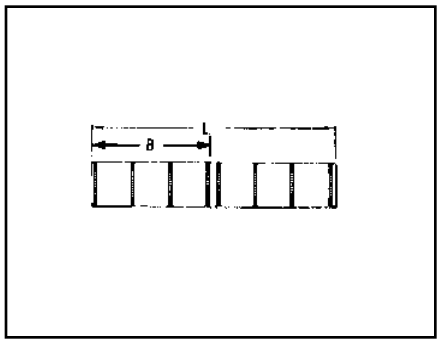
UNINSULATED ALUMINUM COMPRESSION SPLICE

UL Listed 90° C,
600 Volts to 35 kV◆

Type YS-A is a high-conductivity aluminum tin-plated compression butt splice for use on all combinations of aluminum to aluminum, aluminum to copper, and copper to copper conductor combinations.

They are designed to accommodate conductors from #12 str. through 1,000 kcmil in standard and heavy duty applications. Prefilled with PENETROX™ oxide inhibiting compounds and assembled with color-coded end caps, the connectors provide a permanent trouble-free electrical splice with flexibility and low installed cost.





Features and Benefits

- Manufactured from high-conductivity wrought aluminum with heavy duty wall thickness.
  - ◇ Provides high-conductivity/low resistance and ductility for an excellent combination of electrical and crimp forming properties.
- Electro-tin plated.
  - ◇ Provides durable long lasting corrosion resistance.
- Internally bevelled barrel.
  - ◇ Provides easy cable entry.
- Solid center stop and prefilled with PENETROX™ oxide inhibiting compound.
  - ◇ Provides stop for proper conductor insertion and an aid in forcing the PENETROX™ between the individual wire strands.
- Color-coded end caps.
  - ◇ Provides easy wire size and die code identification plus prevents foreign materials from entering and contaminating the connector prior to usage.
- Connector is clearly marked with wire size, die index and the proper number and location of crimps.
  - ◇ Provides easy identification and tooling recommendation. Proper compression forms a homogeneous mass resulting in an excellent electrical connection.

Catalog Number	Code • Conductor	Dimensions B	Dimensions L	Installation Tooling ▲ Dieless (# of crimps/end) Mechanical HYTOOL™	Dieless (# of crimps/end) Hydraulic HYPRESS™	Y35, ■ Y39, Y750, Y46* Die Number (# of crimps per end)	Color Code	Die Index & Embossment ▲	Wire Strip Length
YS12AG1 ‡	#12 Str.	.39	1.03	Ratchet: MR8-27 (1)	—	—	①	—	5/8″
YS10WAG1 ‡	#10 Str.	.44	1.12						
YS8CA1	8 Str.	.59	1.44	MY29-3 (1) MRC840AL (1)	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	U8CABT (1)	Blue	374	5/8″
YS6CA1	6 Str.	.72	1.70			U6CABT (1)	Gray	346	3/4″
YS4CA1	4 Str.	.86	1.97			U4CABT (1)	Green	375	7/8″
YS2CA1	2 Str.	1.09	2.44	MY29-3 (1) MRC840AL (1)	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	U2CABT (1)	Pink	348	1-1/8″
YS1CA1	1 Str.	.90	2.05			U1CART (1)	Gold	471	15/16″
YS25A1	1/0 Str.	1.06	2.37			U25ART (1)	Tan	296	1-1/16″

◆ See tooling section of this catalog for complete tool and die listing.
① No color code assigned.
‡ UL Listed for Aluminum only. Not CSA Certified.
* Use PUADP-1 adaptor with U dies in Y46 HYPRESS™.
■ The largest size for the Y35 is 400 kcmil.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
• Also accomodates compressed and compact conductors (except for 700 kcmil in 750 kcmil barrel).
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

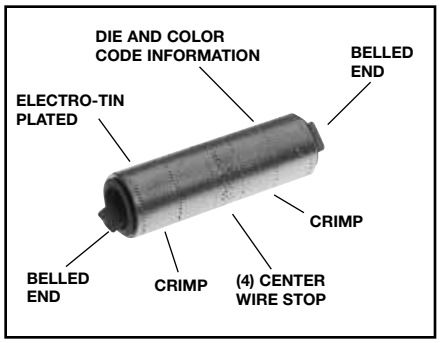
TYPE YS-A

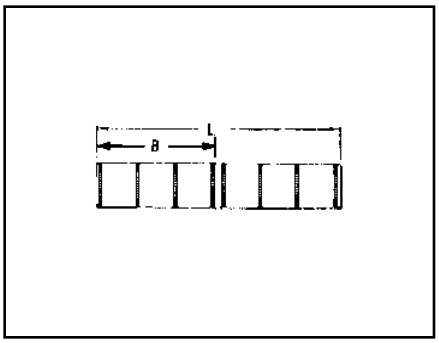
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HYLINK™

UNINSULATED ALUMINUM COMPRESSION SPLICE

UL Listed 90° C,
600 Volts to 35 kV◆





Catalog Number	Code Conductor	Dimensions B	Dimensions L	Installation Tooling ▲ Dieless (# of crimps/end) Mechanical HYTOOL™	Dieless (# of crimps/end) Hydraulic HYPRESS™	Y35, ■ Y39, Y750, Y46*, Y60BHU Die Number (# of crimps per end)	Color Code	Die Index & Embossment ▲	Wire Strip Length
YS26A1	2/0 str.	1.18	2.61	MY29-3 (2) MRC840AL (2)	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	U26ART (2)	Olive	297	1-3/8″
YS27A1	3/0 str.	1.31	2.88			U27ART (2)	Ruby	467	1-1/2″
YS28A1	4/0 str.	1.40	3.06			U28ART (2)	White	298	1-5/8″
YS29A1	250 kcmil	1.46	3.18	MY29-3 (2)		U29ART (2)	Red	324	1-5/8″
YS30A1	300 kcmil	1.47	3.20			U30ART (2)	Blue	470	1-3/4″
YS31A1	350 kcmil	1.89	4.04		Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	U31ART (2)	Brown	299	2-1/8″
YS32A1	400 kcmil	2.30	4.86	—	Y644HS (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	U32ART (4)	Green	472	2-1/2″
YS34A1	500 kcmil	2.38	5.00			U34ART (4)	Pink	300	2-5/8″
YS36A1	600 kcmil	2.44	5.14			U36ART (4)	Black	473	2-7/8″
YS39A1*	700/750 kcmil 900 Compact Al †	2.50	5.26			U39ART-2 (4)	Yellow	936	2-7/8″
YS39AM1*	700/750 kcmil 900 Compact Al †	2.63	5.58			P39ART** (4)	Red	301	2-7/8″
YS44A1	1000 kcmil	2.84	5.94		—	P44ART** (4)	Brown	302	3″
YS45A1	1250 kcmil	2.84	6.21			P48PR1/L44ART** (6)	Brown	302	2-7/8″
YS46A1	1500 kcmil	3.40	7.05			L46ART*** (2)	Blue	478	3-3/8″
YS47A1	1750 kcmil	3.99	8.31			L47ART*** (2)	White	587	4″
YS48A1	2000 kcmil	3.66	7.58			L48ART*** (2)	Red	479	3-5/8″
YS483A1	2250 kcmil ALUMINUM ONLY	3.66	7.58			L48ART*** (2)	Red	479	3-5/8″

▲ See tooling section of this catalog for complete tool and die listings.
‡ UL Listed for Aluminum only. Not CSA certified.
* Use PUADP-1 adaptor with U dies in Y46 HYPRESS™.
** P39ART and P44ART for use with Y46 HYPRESS™ only. PUADP-1 adapter not required.
■ The largest size for the Y35 is 400 kcmil.
*** Y60BHU only. 90° C Rated.
† Tested with Y644HS and PAT644 dieless tools only and not UL Listed with any tool on 900 Compact Al.
• Also accommodates compressed and compact conductors. (Except 700 kcmil in 750 kcmil barrel.)
Note: All dimensions shown are for reference only.

Y644HS DIELESS HYPRESS™ RANGE-TAKING CAPABILITIES

The following size HYDENT™ lugs and two way splices, when crimped with the Y644HS DIELESS HYPRESS™ tool, produce the following range-taking capabilities:

Aluminum Connectors					
Standard Wire Size	Expanded Wire Range	Standard Wire Size	Expanded Wire Range	Standard Wire Size	Expanded Wire Range
#6 AWG	#6 AWG	1/0 AWG	1/0 - #1 AWG	250 kcmil	250 kcmil - 1/0 AWG
#4 AWG	#4 - #6 AWG	2/0 AWG	2/0 - #1 AWG	300 kcmil	300 kcmil - 2.0 AWG
#2 AWG	#2 - #6 AWG	3/0 AWG	3/0 - #1 AWG	350 kcmil	350 kcmil - 3/0 AWG
#1 AWG	#1 - #2 AWG	4/0 AWG	4/0 - #1 AWG	400 kcmil	400 kcmil - 4/0 AWG
				500 kcmil	500 kcmil - 4/0 AWG
				600 kcmil	600 - 250 kcmil
				750 kcmil	750 - 500 kcmil

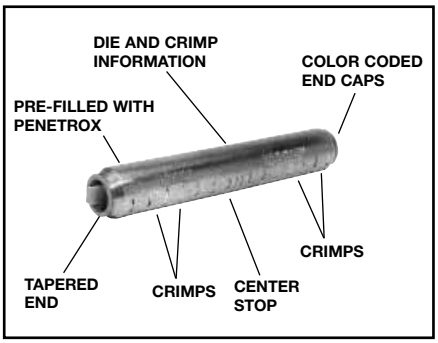
Blue highlighted items are industry standard and most frequently ordered.

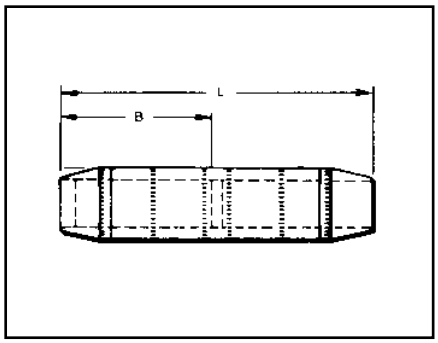
TYPE YS-AT

HIGH VOLTAGE UNINSULATED ALUMINUM COMPRESSION SPLICE

Type YS-AT is a high-conductivity aluminum electro-tin plated compression butt splice with tapered ends for high voltage applications up to 35 kV.

The YS-AT provides the same benefits as the YS-A with the addition of tapered ends for easy installation of high voltage insulating kits. Tapered ends aid in preventing corona emission and insulation breakdown. Recommended for high voltage splice applications.





Features and Benefits

- Tapered ends for applications through 35kV.
  - ◇ Permits easy taping and aids in preventing corona emission and insulation breakdown.
- Heavy wall aluminum tubing.
  - ◇ For use with combinations of AL-AL, AL-CU, CU-CU

Catalog Number	• † Code Conductor	Dimensions		Installation Tooling ▲ Y35, ■ Y39, Y750, Y46*			Die Index & Embossment ▲	Wire Strip Length
		B	L	Die Number	(Crimps per End)	Color Code		
YS2CAT	2 str.	1.58	4.00	U2CABT	(2)	Pink	348	2-1/4″
YS25AT	1/0 str.	1.96	4.73	U25ART	(2)	Tan	296	2-5/8″
YS26AT	2/0 str.	1.83	4.29	U26ART	(3)	Olive	297	2-3/8″
YS27AT	3/0 str.	2.04	4.69	U27ART	(3)	Ruby	467	2-5/8″
YS28AT	4/0 str.	2.16	5.05	U28ART	(3)	White	298	2-3/4″
YS29AT	250 kcmil	2.29	5.37	U29ART	(3)	Red	324	2-7/8″
YS30AT	300 kcmil	2.54	5.91	U30ART	(3)	Blue	470	3-1/8″
YS31AT	350 kcmil	2.68	6.23	U31ART	(3)	Brown	299	3-3/8″
YS34AT	500 kcmil	3.39	7.79	U34ART	(6)	Pink	300	4-1/8″
YS39AT	700/750 kcmil • 900 Compact AL▼	3.69	8.57	P39ART**	(6)	Red	301	4-1/2″
YS44AT	1000 kcmil 900 Compact AL▼	3.77	9.69	P44ART**	(6)	Brown	302	4-3/4″

† Contact BURNDY® for conductor sizes not shown.
* Use PUADP-1 adapter for U dies.
** P39ART and P44ART for use with Y46 HYPRESS™ only. PUADP-1 adapter not required.
■ The maximum size for the Y35 is 400 kcmil.
▲ See tooling section of this catalog for complete tool and die listings.
• Also accommodates compressed and compact conductors (except 700 kcmil in 750 kcmil barrel).
▼ Tested with Y644HS and PAT644 dieless tools only and not UL Listed with any tool on 900 Compact Al.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

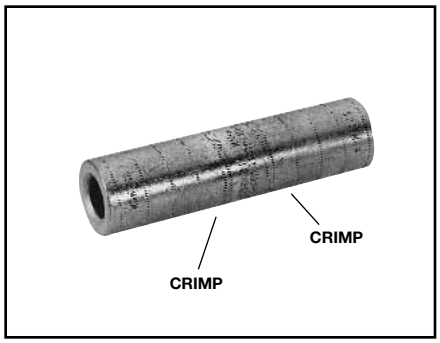
TYPE YRB

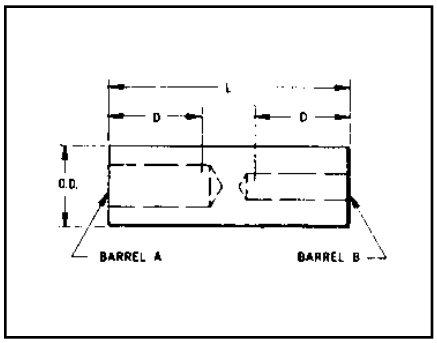
HYREDUCER™

FOR ALUMINUM TO COPPER AND ALUMINUM TO ALUMINUM

UL Listed 90° C,
600 Volts to 35 kV◆

HYREDUCER™ type YRB reducer butt splice is designed to splice two different conductor sizes and is UL Listed for aluminum to copper and aluminum to aluminum applications. The outside diameter is held constant to minimize installation dies and is factory prefilled with PENETROX™.





Features and Benefits

- Constant outside diameters. Electro tin-plated.
  - ◇ Minimizes installation dies and provides a smooth profile for easy taping. Provides durable long lasting corrosion resistance.
- Factory prefilled with BURNDY's PENETROX™ oxide inhibiting compound.
  - ◇ Contains Homogeneously suspended conductive metallic particles which penetrate oxides between conductor strands and forms an air tight connection.
- Solid center barrier.
  - ◇ Provides center stop for correct cable insertion and aids the thorough penetration of PENETROX™ oxide inhibiting compound between conductor strands.
- Connectors are clearly marked with catalog number, wire size, and color-coded die index.
  - ◇ Provides clear, easy to use information to lower installed costs.
- Each barrel end has a plastic end cap.
  - ◇ Keeps the connector barrels free of foreign materials.

Catalog Number	Conductor Range • Aluminum or Copper Size †		Dimensions			Installation Tooling ▲ Hydraulic Tools, Die Sets (No. of Crimps ‡)				Wire Strip Length
	Barrel A	Barrel B	O.D.	B	L	Y35 ■, Y39, Y750 Y46*	‡	Die ▲ Index	Color Code	
YRB2U4	1 str. 2 str.	4 str. 3 str.	.62	.88	2.00	U25ART	(1)	296	Tan	1-1/16″
YRB25U2	1/0 str.	1 str. 2 str.	.62	.88	2.00					
YRB27U25	3/0 str.	1/0 str.	.85	1.36	3.31	U28ART	(2)	298	White	1-5/8″
YRB27U26	3/0 str.	2/0 str.	.85	1.36	3.31					
YRB28U26	4/0 str.	2/0 str.	.85	1.36	3.31					
YRB29U28	250 kcmil	4/0 str.	1.11	1.73	4.21	U31ART	(2)	299	Brown	2-1/8″
YRB31U28	350 kcmil	4/0 str.	1.11	1.73	4.21					
YRB31U29	350 kcmil	250 kcmil	1.11	1.73	4.21					
YRB34U31	500 kcmil	350 kcmil	1.31	2.11	5.12	U34ART	(4)	300	Pink	2-5/8″
YRB36U31	600 kcmil	350 kcmil	1.46	2.25	5.57	U39ART-2	(4)	936	Yellow	2-7/8″
YRB36U34	600 kcmil	500 kcmil	1.46	2.25	5.57					
YRB39U34	700/750 kcmil • 900 Compact AL▼	500 kcmil	1.46	2.25	5.57					
YRB39U36	700/750 kcmil • 900 Compact AL▼	600 kcmil	1.46	2.25	5.57					

† Contact BURNDY® for conductor sizes not shown.
▲ See tooling section of this catalog for complete tool and die listings.
‡ Number of crimps.
* Use PUADP-1 adaptor with U dies shown in Y46 HYPRESS™.
■ The maximum size for the Y35 is 400 kcmil.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
• Also accommodates compressed and compact conductors (except 700 kcmil in 750 kcmil barrel).
▼ Tested with Y644HS and PAT644 dieless tools only and not UL Listed with any tool on 900 Compact Al.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

TYPES YFD, YFN, YFO AND YFR

H-CRIMPIT™

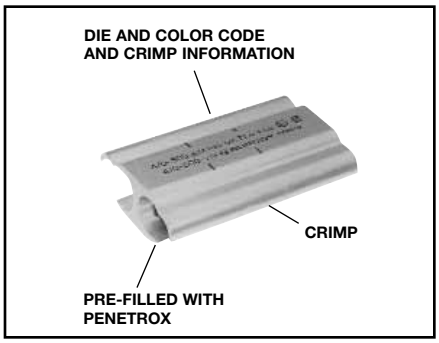
UNINSULATED ALUMINUM COMPRESSION TAP CONNECTOR

FOR ALUMINUM TO COPPER AND ALUMINUM TO ALUMINUM

UL Listed 90° C,
600 Volts to 35 kV◆

H-CRIMPIT™ compression tap connectors Types YFD, YFN, YFO and YFR are for use with aluminum to aluminum and aluminum to copper connections.

The H-CRIMPIT™ is ideal for making both parallel and tap compression connections in risers and gutters. It should only be installed with hydraulic tools.



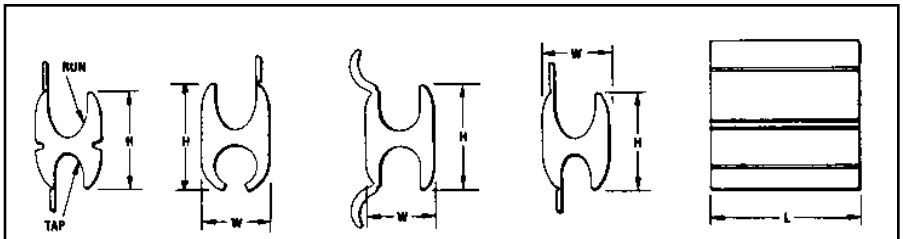


Fig. 1 Fig. 2 Fig. 3 Fig. 4

Features and Benefits

- Each connector is factory sealed in polyethylene.
  - ◇ Maintains the connector free of dirt and foreign materials prior to being used.
- When installed the connector has a smooth profile.
  - ◇ Easy to tape or to install an insulating crimpit cover (See Types CFA and CFA-FR) thereby lowering installed costs.
- Connectors are marked with color-codes to match installation die.
  - ◇ Easy die selections lower installed cost.
- UL 486B Listed.
  - ◇ Provides a quality electrical connection.

Accommodates ②						Cat. No.	Fig. No.	Height	Length	Width	Installation Tooling ▲							Wire Strip Length
Copper or Aluminum		Compact ④		Dia. Range							▲ Die Index	Color Code	Hydraulic Tools, Die Sets (No. of Crimps)			Dieless Tools Die Adaptor, (No. of Crimps)		
Run	Tap	Run	Tap	Run	Tap								Y750, Y35, Y39	Y46 ③	( )	Y644M, Y644MBH		
1/0-6 Str	1-6 Str	2/0-6	1-6 Str	.398-.162	.332-.162	YFO-140*	1	1.15 (29.2)	1.62 (41.1)	.70 (17.8)	0	Green	UYFO, U-O		(2)	PT30541	(1)	1-7/8″
4/0-1 Str	2/0-1 Str	250-1/0	3/0-1/0	.563-.338	.477-.338	YFD-365*	1	1.42 (36.1)	2.50 (63.5)	.89 (22.6)	D3	Blue	U-D3 U-YFD		(3)	PT30540	(2)	2-3/4″
500-4/0	500-4/0	500-250	500-250	.815-.522	.815-.522	YFN-540	3	1.82 (46.2)	4.50 (114.3)	1.23 (31.2)	N	Red	U-N U-YFN	P-N P-YFN	(3)	—	—	4-7/8″
900-600	600-350	900-700	600-400	1.108-.877	.893-.659	YFR-865	4	3.04 (77.2)	4.62 (117.3)	1.74 (44.2)	KR	—	—	P-KR P-YFR	(4)	—	—	5″

▲ See tooling section of this catalog for complete tool and die listings.
† Do not use U-YFN die set with P-UADP-1 adapter in Y46 HYPRESS™. Use P-YFN only.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
* CSA listed.
Note: All dimensions shown are for reference only.

Notes:
1. Material: Aluminum.
② For Conductor combinations of AL to AL or AL to CU.
③ Catalog Number PUADP-1-Adaptor is required to use U type dies in Y46 tools.
④ Other conductors not listed in table can be accommodated as long as the conductor diameter falls within diameter range specified.

Blue highlighted items are industry standard and most frequently ordered.

TYPES CFA AND CFA-FR

H-CRIMPIT™ INSULATING COVERS

H-CRIMPIT™ FLAME RETARDANT INSULATING COVERS

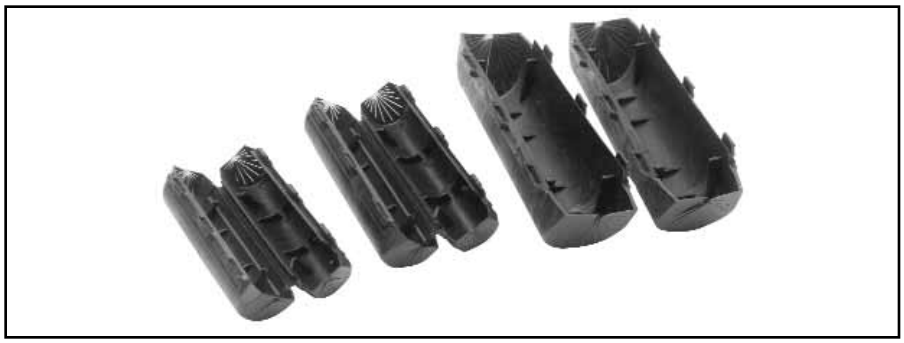
FOR O, D3, N, AND KR DIE SIZE H-TAP COMPRESSION CONNECTORS

UL Listed to 600 Volts

Type CFA insulating covers are made of high impact, high density polyethylene to insulate H-tap CRIMPIT™ compression connectors. Overlapping flash barriers protect both seams against possible electrical flashover. End fingers remain closed or wrap closely around conductors. Multiple latches lock cover closed securely.

Type CFA-FR flame retardant insulating covers are made of high impact, high density polypropylene with a minimum 28 oxygen index. This cover incorporates all the features of the CF design plus the benefit of self-extinguishing flame retardant properties. Material is UL 94V-O rated.

Both CFA and CFA-FR types are suitable for indoor and outdoor use. Pliable in cool weather application.



Features and Benefits

- One-piece design.
  - ◇ No extra parts or hardware required.
- Slips over connector and latches securely shut.
  - ◇ Fast, easy, reliable insulation of H-Tap compression connectors.
- Eliminates taping.
  - ◇ Economical, fast, easy installation.
- Flash barriers.
  - ◇ Protects against electrical flashover.
- CFA-FR flame retardant design.
  Minimum 28 oxygen index.
  UL 94 V-O rated.
  - ◇ Self-extinguishing flame retardant properties.

600 VOLTS 90° C

Catalog Number	Max. Conductor Accommodated	Insulated H-Tap CRIMPIT™ Connectors	Max. Conductor Length	Connector Die Index	Connector Color Code
CFAO **CFAO-FR**	1/0	YFO140	2-1/2″	O	Green
CFAD **CFAD-FR**	4/0	YFD265, YFD365,YFD415	3-1/8″	D	Blue
CFAN **CFAN-FR**	500 kcmil	YFN515, YFN565	2-1/2″	N-Short Connector	Red
CFANL **CFANL-FR**	500 kcmil	YFN465, YFN540, YFN615	5-1/2″	N-Long Connector	Red
CFAR * **CFAR-FR** *	900 kcmil	YFR715, YFR765, YFR815, YFR865 YFR915	4-7/8″	KR	Yellow

* Two piece design packaged together.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

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Blue highlighted items are industry standard and most frequently ordered.

HARDWARE DATA

RECOMMENDED TIGHTENING TORQUE

The hardware used in connectors must be compatible with the connector material, have high mechanical strength and be corrosion resistant and correspond to NEMA recommendations.

DURIUM™ and Steel Hardware		Aluminum Hardware	
Bolt Size	Recommended Torque (Inch Pounds)	Bolt Size	Recommended Torque (Inch Pounds)
1/4 - 20	80	1/2 - 13	300
5/16 - 18	180	5/8 - 11	480
3/8 - 16	240	3/4 - 10	650
1/2 - 13	480		
5/8 - 11	660		
3/4 - 10	1,050		

Copper alloy connectors have hardware made of DURIUM™, which is BURNDY's trade name for silicon bronze alloy ASTMB99 type B. This material was first introduced by BURNDY® in 1927 for use in outdoor construction, and today, is the standard throughout the industry.

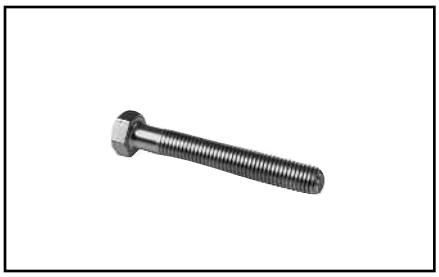
Aluminum connectors generally have aluminum alloy hardware. The bolts are 2024T4 and anodized to resist corrosion. The nuts are 6061T6, which is resistant to corrosion and does not require anodizing. Both nuts and bolts are lubricated to eliminate galling and to provide consistent clamping forces.

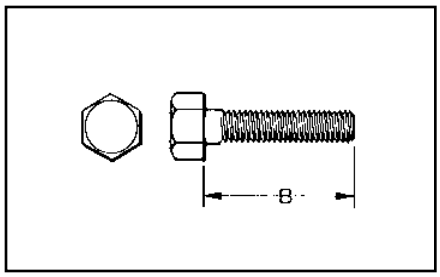
To reduce or greatly exceed the recommended torque can adversely affect the performance of the connector.

DURIUM™ BOLT

SILICON BRONZE

BURNDY® introduced silicon-bronze bolts, nuts, and other hardware items on outdoor connector applications in 1927. Today the DURIUM™ trademark is a standard for this use.





DURIUM™ bolts combine high strength with corrosion resistance. **Bolts up to 2 inches long are fully threaded; longer bolts are threaded for two inches.** Heads have American Standard dimension, and the threads are per American National Coarse Series, Class #2 fit. The silicon bronze is per ASTM B99.

Catalog Number	Thread Size	B Length	Catalog Number	Thread Size	B Length	Catalog Number	Thread Size	B Length
25x50 HEB BOX	1/4-20	1/2″	38x125 HEB BOX	3/8-16	1-1/4″	50x300 HEB BOX	1/2-13	3″
25x62 HEB BOX	1/4-20	5/8″	38x150 HEB BOX	3/8-16	1-1/2″	50x325 HEB BOX	1/2-13	3-1/4″
25x75 HEB BOX	1/4-20	3/4″	38x175 HEB BOX	3/8-16	1-3/4″	50x350 HEB BOX	1/2-13	3-1/2″
25x100 HEB BOX	1/4-20	1″	38x200 HEB BOX	3/8-16	2″	50x375 HEB BOX	1/2-13	3-3/4″
25x125 HEB BOX	1/4-20	1-1/4″	38x225 HEB BOX	3/8-16	2-1/4″	50x400 HEB BOX	1/2-13	4″
25x150 HEB BOX	1/4-20	1-1/2″	38x250 HEB BOX	3/8-16	2-1/2″	50x450 HEB BOX	1/2-13	4-1/2″
25x200 HEB BOX	1/4-20	2″	38x275 HEB BOX	3/8-16	2-3/4″	50x500 HEB BOX	1/2-13	5″
25x250 HEB BOX	1/4-20	2-1/2″	38x300 HEB BOX	3/8-16	3″	50x550 HEB BOX	1/2-13	5-1/2″
25x300 HEB BOX	1/4-20	3″	38x325 HEB BOX	3/8-16	3-1/4″	50x600 HEB BOX	1/2-13	6″
31x50 HEB BOX	5/16-18	1/2″	38x350 HEB BOX	3/8-16	3-1/2″	62x100 HEB BOX	5/8-11	1″
31x62 HEB BOX	5/16-18	5/8″	38x400 HEB BOX	3/8-16	4″	62x125 HEB BOX	5/8-11	1-1/4″
31x75 HEB BOX	5/16-18	3/4″	38x450 HEB BOX	3/8-16	4-1/2″	62x150 HEB BOX	5/8-11	1-1/2″
31x100 HEB BOX	5/16-18	1″	38x500 HEB BOX	3/8-16	5″	62x175 HEB BOX	5/8-11	1-3/4″
31x125 HEB BOX	5/16-18	1-1/4	44x150 HEB BOX	7/16-14	1-1/2″	62x200 HEB BOX	5/8-11	2″
31x150 HEB BOX	5/16-18	1-1/2″	44x200 HEB BOX	7/16-14	2″	62x225 HEB BOX	5/8-11	2-1/4″
31x175 HEB BOX	5/16-18	1-3/4″	50x75 HEB BOX	1/2-13	3/4″	62x250 HEB BOX	5/8-11	2-1/2″
31x200 HEB BOX	5/16-18	2″	50x100 HEB BOX	1/2-13	1″	62x275 HEB BOX	5/8-11	2-3/4″
31x250 HEB BOX	5/16-18	2-1/2″	50x125 HEB BOX	1/2-13	1-1/4″	62x300 HEB BOX	5/8-11	3″
31x300 HEB BOX	5/16-18	3″	50x150 HEB BOX	1/2-13	1-1/2″	62x325 HEB BOX	5/8-11	3-1/4″
38x50 HEB BOX	3/8-16	1/2″	50x175 HEB BOX	1/2-13	1-3/4″	62x350 HEB BOX	5/8-11	3-1/2″
38x62 HEB BOX	3/8-16	5/8″	50x200 HEB BOX	1/2-13	2″	62x400 HEB BOX	5/8-11	4″
38x75 HEB BOX	3/8-16	3/4″	50x225 HEB BOX	1/2-13	2-1/4″	62x450 HEB BOX	5/8-11	4-1/2″
38x88 HEB BOX	3/8-16	7/8″	50x250 HEB BOX	1/2-13	2-1/2″	62x500 HEB BOX	5/8-11	5″
38x100 HEB BOX	3/8-16	1″	50x275 HEB BOX	1/2-13	2-3/4″	62x600 HEB BOX	5/8-11	6″

Blue highlighted items are industry standard and most frequently ordered.

DURIUM™ NUT

SILICON BRONZE

DURIUM™ hexagon regular nuts are non-magnetic and are made to American Standard dimensions. American National Coarse Series threads, #2 fit.



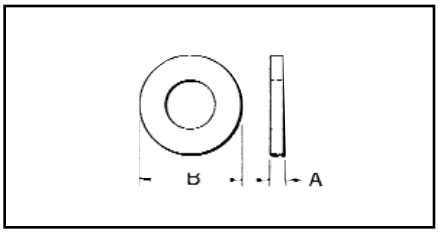
Catalog Number	Thread Size
25C HEN BOX	1/4-20
31C HEN BOX	5/16-18
38C HEN BOX	3/8-16
44C HEN BOX	7/16-14
50C HEN BOX	1/2-13
62C HEN BOX	5/8-11

DURIUM™ FLAT WASHER

SILICON BRONZE

High strength DURIUM™ Flat Washers are non-magnetic and free from galvanic action when in contact with copper. Conforms to SAE standards.



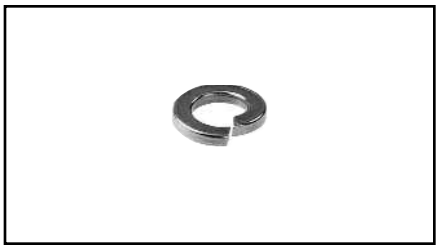


Catalog Number	For Bolt Size	Nominal Dimensions in Inches	
		A	B
25 FW BOX	1/4	1/16	5/8
31 FW BOX	5/16	1/16	11/16
38 FW BOX	3/8	1/16	13/16
44 FW BOX	7/16	1/16	15/16
50 FW BOX	1/2	3/32	1-1/16
62 FW BOX	5/8	3/32	1-5/16

DURIUM™ SPLIT LOCKWASHER

SILICON BRONZE

DURIUM™ spring type lockwasher has high resiliency and exerts constant pressure on the face of the nut, preventing vibration from loosening the nut.

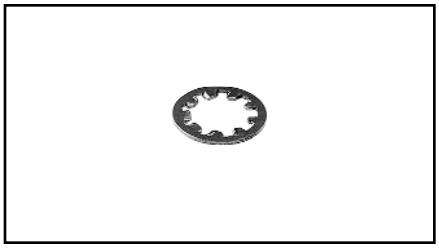


Catalog Number	For Bolt Size
25 SW BOX	1/4
31 SW BOX	5/16
38 SW BOX	3/8
44 SW BOX	7/16
50 SW BOX	1/2
62 SW BOX	5/8

DURIUM™ INTERNAL TOOTH LOCKWASHER

SILICON BRONZE

DURIUM™ Internal Tooth Lockwashers are available as illustrated. The teeth are twisted slightly and present biting edges which grip the nut and the part being clamped, preventing the nut from backing off.



Catalog Number	For Bolt Size
25 NW BOX	1/4
31 NW BOX	5/16
38 NW BOX	3/8
44 NW BOX	7/16
50 NW BOX	1/2
62 NW BOX	5/8

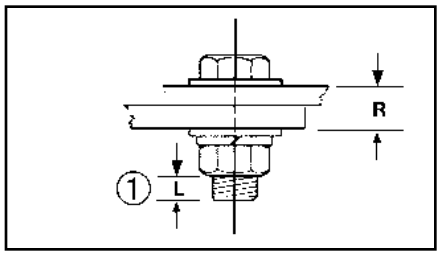
Blue highlighted items are industry standard and most frequently ordered.

TYPE TMH

DURIUM™ SILICON BRONZE HARDWARE KITS

Type TMH are DURIUM™ silicon bronze hardware kits. The kits can be ordered for specific applications ensuring the proper type and amount of hardware for each installation. Packaged in separate sealed bags, they are convenient to use, eliminating mismatched quantities. DURIUM™ silicon bronze material provides long lasting corrosion resistance.





Catalog Number	Size	Each TMH Kit Includes: Bolt Length	Bolt Qty.	Flat Washer	Split Washer	Hex Nut	Working Range R	Installation Torque (In-lbs)
TMH262	1/4-20	0.75	2	4	2	2	0.09 - 0.34	80
TMH263		1.00	2	4	2	2	0.34 - 0.59	
TMH264		1.25	2	4	2	2	0.59 - 0.84	
TMH265		1.50	2	4	2	2	0.84 - 1.09	
TMH266	3/8-16	0.75	2	4	2	2	0.00 - 0.19	240
TMH267		1.00	2	4	2	2	0.19 - 0.44	
TMH268		1.25	2	4	2	2	0.44 - 0.69	
TMH269		1.50	2	4	2	2	0.69 - 0.94	
TMH270		1.75	2	4	2	2	0.94 - 1.19	
TMH271		2.00	2	4	2	2	1.19 - 1.44	
TMH332 [2]		2.75	2	4	2	2	—	
TMH261 †		3.00	2	4	2	2	2.15 - 2.40	
TMH289 ††		1.25	1	2	1	1	0.02 - 0.27	
TMH295	1/2-13	1.25	2	4	2	2	0.27 - 0.49	480
TMH272		1.50	2	4	2	2	0.49 - 0.74	
TMH294		1.75	2	4	2	2	0.74 - 0.99	
TMH69		2.00	2	4	2	2	0.99 - 1.24	

† For use with CUSA750-2TC38 copper spacer adaptor, (2) terminals and ˚" thick equipment bus bar. For other combinations contact BURNDY®.
†† For use with all GAR-TC connectors. "R" dimension is allowable pad thickness of terminal
* For other combinations contact BURNDY®.
① "L" dimension never exceeds .25"
2 For use with CUSA442TC38 on 1/4" bus bar and HYLUG™ 4/0 - 750 kcmil.

TYPE TMH-SS

STAINLESS STEEL HARDWARE KITS

Type TMH-SS are stainless steel hardware kits. Just like the standard TMH kits, these kits can be ordered for specific applications ensuring the proper type and amount of hardware for each installation. They are packaged in separate sealed bags and convenient for use and ordering.

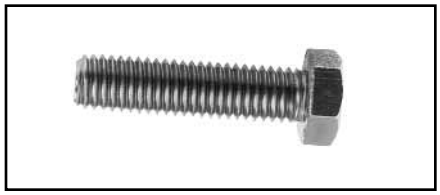
Catalog Number	Size	Each TMH Kit Includes: Bolt Length	Bolt Qty.	Flat Washer	Split Washer	Hex Nut	Working Range R	Installation Torque (In-lbs)
TMH322SS	10 - 32	0.875	1	0	1	1	-	45
TMH262SS	1/4-20	0.75	2	4	2	2	0.09 - 0.34	80
TMH263SS		1.00	2	4	2	2	0.34 - 0.59	
TMH264SS		1.25	2	4	2	2	0.59 - 0.84	
TMH265SS		1.50	2	4	2	2	0.84 - 1.09	
TMH267SS	3/8-16	1.00	2	4	2	2	0.19 - 0.44	240
TMH268SS		1.25	2	4	2	2	0.44 - 0.69	
TMH269SS		1.50	2	4	2	2	0.69 - 0.94	
TMH270SS		1.75	2	4	2	2	0.94 - 1.19	
TMH271SS		2.00	2	4	2	2	1.19 - 1.44	
TMH261SS †		3.00	2	4	2	2	2.15 - 2.40	
TMH295SS	1/2-13	1.25	2	4	2	2	0.27 - 0.49	480
TMH272SS		1.50	2	4	2	2	0.49 - 0.74	
TMH294SS		1.75	2	4	2	2	0.74 - 0.99	
TMH69SS		2.00	2	4	2	2	0.99 - 1.24	

Blue highlighted items are industry standard and most frequently ordered.

GALVANIZED STEEL HARDWARE

Galvanized bolts, nuts, flatwashers, and internal tooth lockwashers are manufactured per ASTM307 Grade A. Bolts up to 2 inches long are fully threaded; longer bolts are threaded for 2 inches. Nut surfaces and bolt heads have American Standard dimensions, and the threads are per American National Coarse Series, Class #2 fit. Galvanizing is per ASTM A153.

BOLTS



Catalog Number	Thread Size	Length (B)
38x125 HGSB	3/8-16	1.25
38x275 HGSB	3/8-16	2.75
38x225 HGSB	3/8-16	2.25
50x100 HGSB	1/2-13	1.00
50x150 HGSB	1/2-13	1.50
50x200 HGSB	1/2-13	2.00
62x100 HGSB	5/8-11	1.00
62x175 HGSB	5/8-11	1.75
75x125 HGSB	3/4-10	1.25

NUTS



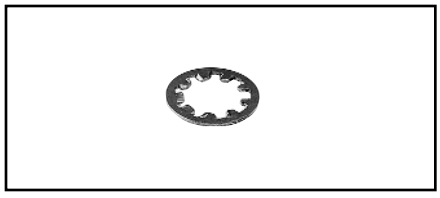
Catalog Number	Thread Size
31CHGSN	5/16-18
38 HGSN-009	3/8-16
38 HGSN	3/8-16
50 HGSN	1/2-13
62 HGSN	5/8-11

FLATWASHER



Catalog Number	Bolt Size	Nominal Dimensions (Inches)	
		I.D. A	O.D. B
38x81 FWGS	3/8	0.406	0.813
50x106 FWGS	1/2	0.531	1.06

INTERNAL TOOTH LOCKWASHERS



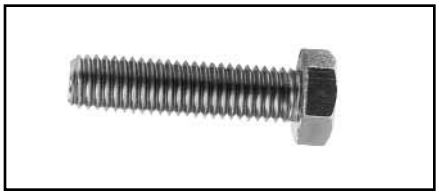
Catalog Number	Bolt Size
38 NWGS	3/8
50 NWGS	1/2
62 NWGS	5/8
75 NWGS	3/4

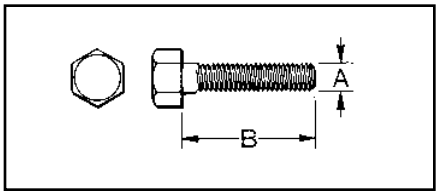
Blue highlighted items are industry standard and most frequently ordered.

ALUMINUM HARDWARE

BOLTS

BURNDY® aluminum hexagon head bolts are manufactured of alloy 2024-T4 and are finished with anodic coating and lubricated. Threads are coarse series, class 2A fit.





Catalog Number	Thread Size	B Length	Catalog Number	Thread Size	B Length
50x150 HAB BOX	1/2-13	1-1/2″	**50x500 HAB BOX**	1/2-13	5″
50x175 HAB BOX	1/2-13	1-3/4″	**50x550 HAB BOX**	1/2-13	5-1/2″
50x200 HAB BOX	1/2-13	2″	**62x175 HAB BOX**	5/8-11	1-3/4″
50x225 HAB BOX	1/2-13	2-1/4″	**62x200 HAB BOX**	5/8-11	2″
50x250 HAB BOX	1/2-13	2-1/2″	**62x225 HAB BOX**	5/8-11	2-1/4″
50x275 HAB BOX	1/2-13	2-3/4″	**62x250 HAB BOX**	5/8-11	2-1/2″
50x300 HAB BOX	1/2-13	3″	**62x300 HAB BOX**	5/8-11	3″
50x325 HAB BOX	1/2-13	3-1/4″	**62x350 HAB BOX**	5/8-11	3-1/2″
50x350 HAB BOX	1/2-13	3-1/2″	**62x400 HAB BOX**	5/8-11	4″
50x375 HAB BOX	1/2-13	3-3/4″	**62x450 HAB BOX**	5/8-11	4-1/2″
50x400 HAB BOX	1/2-13	4″	**62x500 HAB BOX**	5/8-11	5″
50x425 HAB BOX	1/2-13	4-1/4″	**62x550 HAB BOX**	5/8-11	5-1/2″
50x450 HAB BOX	1/2-13	4-1/2″	**62x600 HAB BOX**	5/8-11	6″

NUTS

BURNDY® aluminum nuts are manufactured of alloy 6061-T6, are finished type, coarse thread, class 2B fit.



Catalog Number	Thread Size
50 HAN BOX	1/2-13
62 HAN BOX	5/8-11

FLATWASHER

BURNDY® aluminum flat washers are manufactured of alloy 2024-T4 and are medium design.



Catalog Number	Description	For Bolt Size
50 FWA BOX	Flat Washer	1/2
62 FWA BOX	Flat Washer	5/8

SPLIT LOCKWASHERS

BURNDY® aluminum split lockwashers are manufactured of alloy 7075-T6 and are regular design.



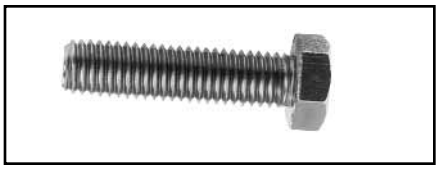
Catalog Number	Description	For Bolt Size
50 SWAL BOX	Split Washer	1/2
62 SWAL BOX	Split Washer	5/8

Blue highlighted items are industry standard and most frequently ordered.

STAINLESS STEEL HARDWARE

Stainless steel bolts, nuts, flatwashers and split lockwashers are manufactured from 18-8 non-magnetic material. Bolts up to 2 inches long are fully threaded; longer bolts are threaded for 2 inches. Nut surfaces and bolt heads have American National Coarse Series, Class #2 fit.

BOLTS



Catalog Number	Thread Size	Length B (Inches)
38X125 HSSB	3/8-16	1.25
38x225 HSSB	3/8-16	2.25
38x250 HSSB	3/8-16	2.50
38x275 HSSB	3/8-16	2.75
50x200 HSSB	1/2-13	2.00
50x250 HSSB	1/2-13	2.50
50x300 HSSB	1/2-13	3.00
62x300 HSSB	5/8-11	3.00

NUTS



Catalog Number	Thread Size
25 HSSN	1/4-20
38 HSSN	3/8-16
50 HSSN	1/2-13
62 HSSN	5/8-11

SPLIT LOCKWASHERS



Catalog Number	For Bolt Size
25 SWSS LT	1/4
38 SWSSMD	3/8
50 SWSSMD	1/2
62 SWSSMD	5/8

FLATWASHER



Catalog Number	Bolt Size	Nominal Dimensions (Inches)	
		I.D. A	O.D. B
25 FWSS	1/4	0.266	0.688
38 FWSS	3/8	0.406	1.000
50 FWSS	1/2	0.594	1.125
62 FWSS	5/8	0.656	1.312

BELLEVILLE WASHERS

Any bolted "pad to flat" electrical connection should include a bolt, two flatwashers, and the nut. In addition, if any of the flat components is aluminum, a properly designed Belleville washer should be interposed between one of the flatwashers and either the bolt head or the nut, with the hollow of the Belleville washer placed against the flat washer. BURNDY® Belleville washers are designed to maintain substantial force when tightened to NEMA - recommended values and finely finished to avoid galling.



Catalog Number	Material	Bolt Size	Nominal Dimensions		
			Thickness	I.D.	O.D.
38x75 BWSS	Stainless	3/8	.062	.388	.750
50x106 BWSS		1/2	.095	.530	1.06

The stainless washers are 301 stainless steel.

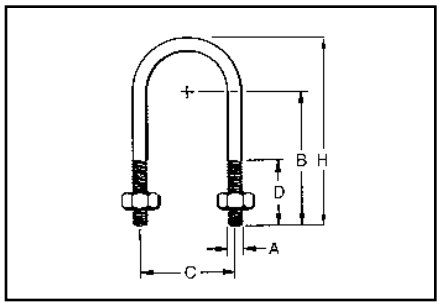
Blue highlighted items are industry standard and most frequently ordered.

TYPE UB

DURIUM™ SILICON BRONZE U-BOLTS

DURIUM™ U-BOLTS are specifically designed for electrical connections to pipe and rod. The U-BOLTS are threaded on the straight portion of the legs only allowing for more contact surface on the pipe or rod. American National Coarse Threads Class #2 fit. The silicon bronze is per ASTM B99.





Catalog Number	Thread Size	H	C	D	B
UB101	1/4-20	1.38	0.75	0.75	0.88
UB104		1.81	1.12	0.88	1.12
UB105		2.03	1.31	1.00	1.25
UB106		2.31	1.62	1.12	1.38
UB107		2.66	1.94	1.31	1.56
UB336	3/8-16	1.50	0.88	0.62	0.88
UB337		1.94	1.12	0.75	1.19
UB178		2.00	0.88	0.75	1.38
UB354		2.44	1.25	1.00	1.62
UB187		2.47	1.16	1.06	1.69
UB271		2.50	1.00	1.19	1.81
UB222		2.69	1.50	1.12	1.75
UB242		2.72	1.16	1.31	1.94
UB383		2.75	0.94	1.47	2.09
UB269		2.78	1.19	1.38	2.00
UB357		2.78	1.69	1.12	1.75
UB384		2.91	1.44	1.38	2.00
UB249		3.00	1.50	1.44	2.06
UB1031		3.31	1.75	1.90	2.25
UB244		3.31	1.75	1.62	2.25
UB199		3.41	2.34	1.44	2.05
UB204		3.47	2.06	1.62	2.25
UB124		3.50	2.75	1.31	1.94
UB268		3.97	2.34	2.00	2.62
UB257		4.16	2.81	1.94	2.56
UB1032		4.41	2.81	2.56	2.81
UB310		4.41	2.81	2.19	2.81
UB266		4.97	3.31	2.50	3.12
UB267		5.53	3.94	2.75	3.38
UB258		5.56	4.00	2.75	3.38
UB264		6.16	4.44	3.12	3.75
UB1033		6.16	4.44	3.50	3.75
UB261		6.34	4.94	3.06	3.69
UB422		7.69	6.00	3.88	4.50
UB1027		8.12	7.12	2.88	4.38
UB1028		9.62	9.12	2.88	4.88
UB1029		11.20	11.25	2.88	5.38
UB1030		12.70	13.25	2.88	5.88
UB224	1/2-13	2.44	1.12	0.88	1.62
UB358		2.66	1.31	1.00	1.75

Catalog Number	Thread Size	H	C	D	B
UB226	1/2-13	2.75	1.25	1.12	1.88
UB291		2.81	1.19	1.22	1.97
UB293		2.81	1.75	1.19	1.69
UB464		3.12	1.81	1.31	1.96
UB540		3.19	1.38	1.75	2.25
UB254		3.41	1.31	1.75	2.50
UB328		3.41	2.94	0.94	1.69
UB400		4.03	1.31	2.38	3.12
UB256		4.16	2.22	2.06	2.81
UB230		4.34	2.94	1.88	2.62
UB311		4.44	1.88	2.50	3.25
UB302		4.62	2.47	2.38	3.12
UB232		4.97	3.44	2.25	3.00
UB260		5.34	2.94	2.88	3.62
UB390		5.38	2.50	3.12	3.88
UB263		5.78	4.56	2.50	3.25
UB282		6.31	4.12	3.25	4.00
UB236		6.41	5.06	2.88	3.62
UB399		6.66	1.31	5.00	5.75
UB436		6.66	4.56	3.62	4.12
UB262		6.78	5.06	3.25	4.00
UB392		7.06	1.62	5.25	6.00
UB416		7.53	5.06	4.00	4.75
UB300		7.62	6.12	3.56	4.31
UB306		7.88	6.12	3.81	4.56
UB275		5.09	1.19	3.60	4.25
UB437		8.56	6.12	4.50	5.25
UB294	5/8-11	3.50	1.38	1.75	2.50
UB314		3.66	2.09	1.56	2.31
UB425		3.72	2.31	1.50	2.25
UB317		4.97	1.81	3.00	3.75
UB315		5.56	2.09	3.44	4.19
UB318	3/4-10	4.22	2.44	1.87	2.62
UB344		4.72	1.94	2.63	3.38
UB319		6.34	2.44	4.00	4.75

Blue highlighted items are industry standard and most frequently ordered.

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LIGHTNING PROTECTION INFO.

Basic rules for selection are:

1. Must be like material to the conductor.
2. Two bolts to ground rod — minimum, for mechanical.
3. Cable to cable connections can be installed with – one bolt, two bolt, or compression.
4. Cable to steel structure must have 8 in.^{2} contact with steel.
5. Heavy duty stacks — mechanical only.
6. On all connectors with heavy duty stack rating, we must offer 1/16″ thick lead plating as an option. Reason is closest 25 ft. to stack opening must use lead coated product.
7. UL 96 Listing.

Blue highlighted items are industry standard and most frequently ordered.

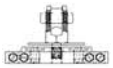
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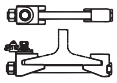

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Blue highlighted items are industry standard and most frequently ordered.

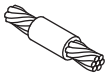
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BURNDYWeld®

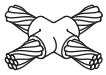
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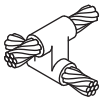
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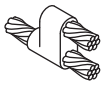

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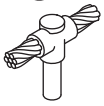

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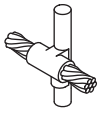

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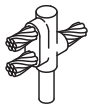

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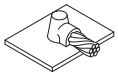

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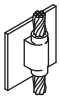

Type **BCS-8** **E-75**

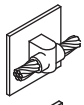

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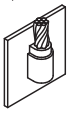

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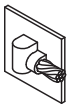

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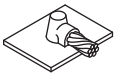

Type **BCS-23** **E-78**


Type **BCS-4** **E-79**

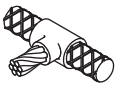

Type **BCS-6** **E-79**


Type **BCS-7** **E-80**


Type **BCS-18** **E-80**


Type **BCS-5** **E-81**


Type **BCRE-1** **E-82**

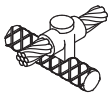

Type **BCRE-2** **E-83**

Blue highlighted items are industry standard and most frequently ordered.

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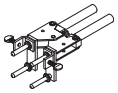

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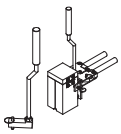

Type **BCRE-4** **E-85**


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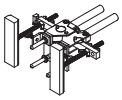
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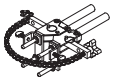

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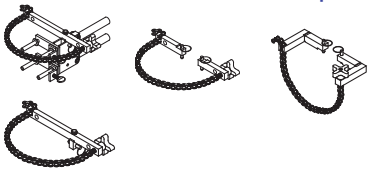

Types **B-106 & B-107** Handle Clamps **E-90**


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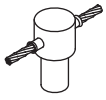

Vertical Magnetic Clamps **E-91**

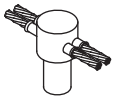

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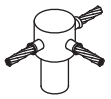


SINGLE SHOT MOLDS

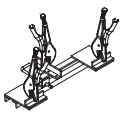

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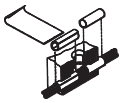

BURNDYWeld™ Tool Kit **E-93**

BURNDYWeld™ Tools **E-93**


B38-0101-00 Rasp **E-93**

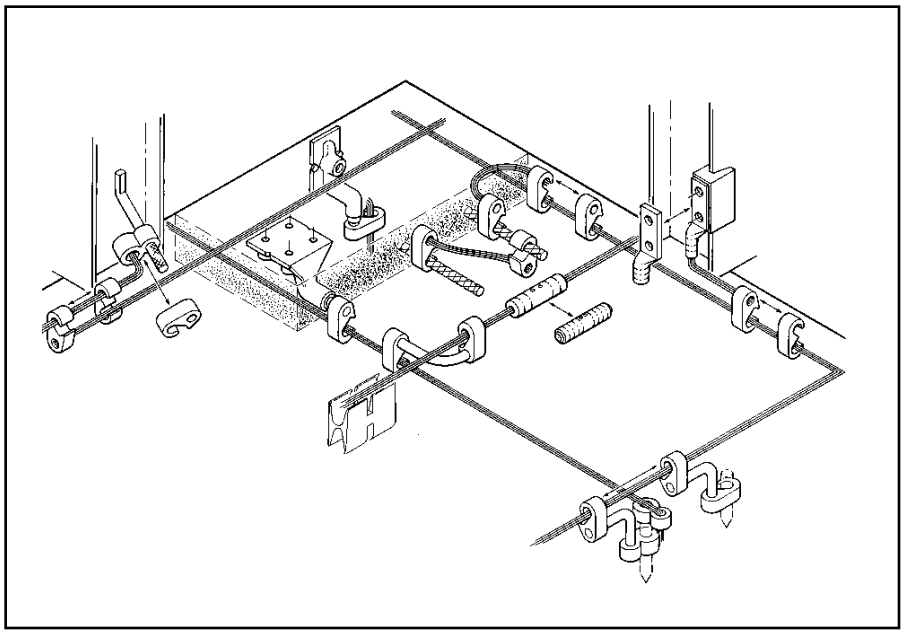

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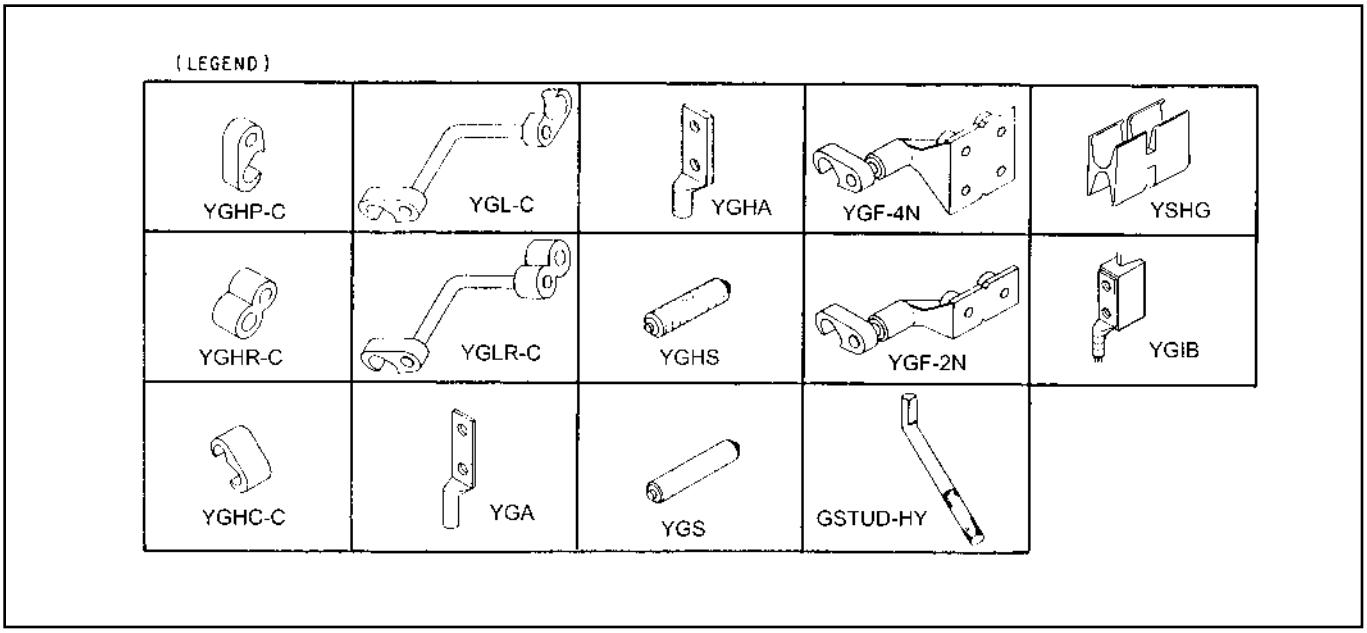
THE HYGROUND® IRREVERSIBLE COMPRESSION SYSTEM



BURNDY® has developed an irreversible compression ground system which meets the most stringent safety and performance requirements, including those of OSHA and nuclear power plant design. Performance excellence and long life expectancy are the system's basic design guidelines. It is a complete system which consists of connectors for grid cross connections, taps, splices, cable to ground rod, ground plates and terminations.

Our irreversible compression ground connectors employ well-proven design principles and technology that have been in existence for over 60 years.

Connectors are just one component of our Irreversible Compression Ground System. Installation tooling is also an integral part of this system. BURNDY® pioneered the compression connector principle and continues today to be the leader in compression technology. Our tooling package is the most extensive in the industry and affords the user many options.



Blue highlighted items are industry standard and most frequently ordered.

THE HYGROUND® IRREVERSIBLE COMPRESSION SYSTEM

(Continued)

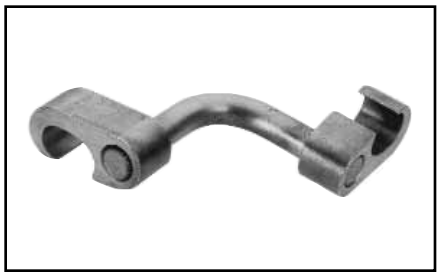
Features and Benefits

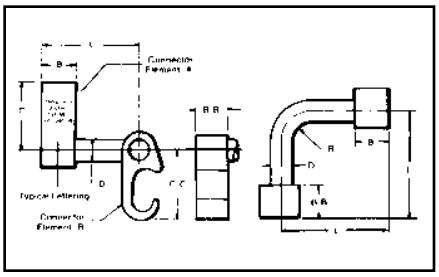
- Irreversible compression.
  - ◊ Meets 1999 NEC code, section 250-50 and 250-64.
- Material-pure wrought copper extrusions, rod and seamless tubing—identical material to the conductor.
  - ◊ Completely eliminates the possibility of corrosion due to dissimilar metals.
- Heavy duty connector design.
  - ◊ All connectors will carry the equivalent or greater current carrying capacity of the conductor while maintaining high mechanical strength and electrical integrity.
- Range taking design—minimum number of connector combinations required to install a conductor range of #6 solid to 500 kcmil plus 1/2″, 5/8″, 3/4″, and 1″ ground rods and rebar.
  - ◊ Inventories are kept to a minimum and product selection is simplified.
- System engineered tooling.
  - ◊ Each tooling recommendation has been designed to ensure reliability of the connection.
- Irreversible compression connectors can be installed in all kinds of weather.
  - ◊ Eliminates costly construction delays and enables the installer to better schedule his job.
- May be installed without special training or special tools. Y750 crimps entire range.
  - ◊ Low installed cost.
  - ◊ Simplified installation.
- Each connection can be made in less than 3 minutes.
  - ◊ Low installed cost.
  - ◊ Simplified installation.
- Each connector is clearly marked with catalog number, conductor size and installation die information.
  - ◊ Easy and accurate identification.
- Inspection ports are provided to assure proper insertion of the conductor.
  - ◊ Built-in quality assurance.
- The die index number is embossed on the connector after completion of the crimp.
  - ◊ Facilitates speedy inspection of installed connectors to insure consistently reliable and sound connections.
- Most HYGROUND® irreversible compression elements are prefilled with PENETROX™ and individually sealed in clear polyethylene sheet.
  - ◊ Ensures that all contact surfaces are in the proper condition for installation.
  - ◊ Ensures the electrical integrity of the finished connection by inhibiting moisture and contaminates from entering the contact area.
- All HYGROUND® irreversible compression connectors are Listed in conformance with Underwriters Laboratories Standard UL467 and conform to applicable sections of the National Electrical Code.
  - ◊ May be used in direct burial or concrete embedded grounding applications.
- All HYGROUND® irreversible connectors (with the exception of type YGA and YGS) have been tested successfully according to requirements of Standard IEEE 837.
  - ◊ Meets tough industry performance requirements.
  - ◊ UPRECRIMP dies give added mechanical strength. UPRECRIMP 34 for 3/4″ rod, UPRECRIMP 12 for 1/2″ rod, and UPRECRIMP 58 for 5/8″ rod (now includes undersized U.S. market place rods).
- Allows connection to most sizes of structural steel with no drilling, tapping, or welding.
  - ◊ Safely installed at low cost. Hot work permits are not required to install in hazardous areas

TYPE YGL-C

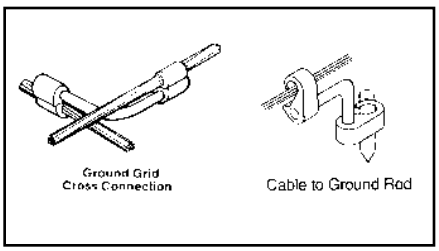
HYGRID CROSS CONNECTOR

An irreversable compression ground grid cross connector which allows adjustment of the compression elements prior to installation. Only six connectors and four dies are required to install all combinations from #6 solid through 500 kcmil. UL467 Listed. Acceptable for direct burial in earth and concrete. Prefilled with PENETROX™ compound and strip sealed.





UL 467 96 CSA® IEEE-837



Catalog Number	B	B-B	C	C-C	D	L	R
YGL2C2	.75	.75	1.09	1.09	.313	2.50	.31
YGL29C2			1.66				
YGL29C29				1.66	.500		.50
YGL34C2			2.09	1.09	.313		.31
YGL34C29				1.66	.500		.50
YGL34C34	1.10	1.10	2.28	2.28	.750		.75

UL96 Listed for Lightning Protection.

DIRECT BURIAL

ORDERING INFORMATION

Catalog Number	Cable to Cable		Cable to Ground Rod		To Rebar
	Element "A"	Element "B"	Element "A"	Element "B"	Element "A"
YGL2C2	#6 Sol. (.162) – #2 Str. (.292) {59500} – {59500}	#6 Sol. (.162) – #2 Str. (.292) {59500} – {59500}			
YGL29C2	#1 Str. (.332) – 250 kcmil (.575) {98500} – {131500}		1/2″ – 5/8″ Rod	#6 Sol. (.162) – #2 Str. (.292)	3/8″ – 1/2″ #3 – 4 Rebar
YGL29C29	#2 Str. (.292) – 250 kcmil (.575) {65500} – {131500}	#2 Str. (.292) – 250 kcmil (.575) {65500} – {131500}		#2 Str. (.292) – 250 kcmil (.575)	
YGL34C2	250 kcmil (.575) – 500 kcmil (.813)	#6 Sol. (.162) – #2 Str. (.292)	5/8″ – 3/4″ Rod	#6 Sol. (.162) – #2 Str. (.292)	5/8″ – 3/4″ #5 – 6 Rebar
YGL34C29		#2 Str. (.292) – 250 kcmil (.575)		#2 Str. (.292) – 250 kcmil (.575)	
YGL34C34		250 kcmil (.575) – 500 kcmil (.813)		250 kcmil (.575) – 500 kcmil (.813)	

Dimensions in brackets { } represent lightning protection conductors.

Catalog Number	Installation Tools, Die Set Catalog Number (Number of Crimps)							
	Y750/Y35/Y39 HYPRESS™		PAT750-18V		Y45 HYPRESS™		Y46 HYPRESS™	
	Element "A"	Element "B"	Element "A"	Element "B"	Element "A"	Element "B"	Element "A"	Element "B"
YGL2C2	U-0 (1)	U-0 (1)	U-0 (1)	U-0 (1)	U-0 (1)	U-0 (1)	U-0 (1)	U-0 (1)
YGL29C2	U997 (1)	U-0 (1)	③ U997P (1)	U-0 (1)	U997 (1)	U-0 (1)	U997 (1)	U-0 (1)
YGL29C29	U997 (1)	U997 (1)	③ U997P (1)	③ U997P (1)	U997 (1)	U997 (1)	U997 (1)	U997 (1)
YGL34C2*	PU998 (1)	U-0 (1)	PU998 (1)	U-0 (1)	S998 or PU998 (1)	U-0 (1)	P998 or PU998 (1)	U-0 (1)
YGL34C29*	PU998 (1)	U997 (1)	PU998 (1)	③ U997P (1)	S998 or PU998 (1)	U997 (1)	PU998 or PU998 (1)	U997 (1)
YGL34C34*	U1011 (3)	U1011 (3)	U1011 (3)	U1011 (3)	S1011 (3)	S1011 (3)	P1011 (3)	P1011 (3)

1. Where a "U" or "PU" die is recommended with Y45 HYPRESS™, a PT6515 adapter must be used.
2. Where a "U" or "PU" die is recommended with the Y46 HYPRESS™, a PUADP-1 adapter must be used.

③ Polarized die for the PAT750-18V.

* These connectors can only be installed using the Y750, Y45, or Y46 HYPRESS™ with the recommended dies. These connectors CANNOT be installed with the Y35 and Y39 HYPRESS™.

NOTES:

- Before crimping, both connector elements can be turned on rod diameter "D" to any desired position.
- Clean rust and/or protective coatings from rebar prior to installation.
- When attaching connector to ground rod, ground rod must be embossed with appropriate PRECRIMP™ die. For connections that must meet IEEE 837 requirements UPRECRIMP - type PRE crimp dies must be used for maximum clamping retention.

Ground Rod Dia.	PRECRIMP Dies	
1/2″	UPRECRIMP 12	U2CABT
5/8″	UPRECRIMP 58	
3/4″	UPRECRIMP 34	

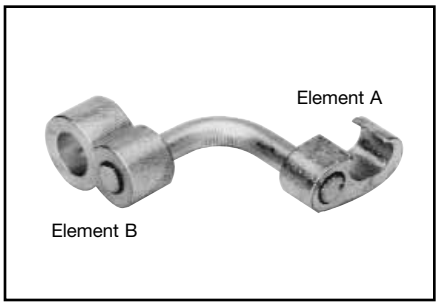
Blue highlighted items are industry standard and most frequently ordered.

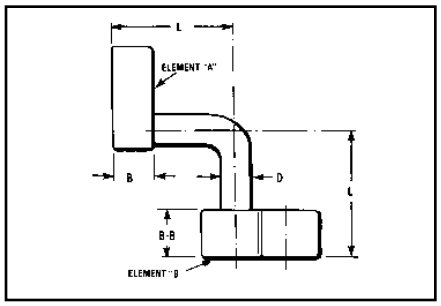
TYPE YGLR-C

GRIDLOK

High Strength
Irreversible
Compression Ground Rod to
Grid Connector

Ground grid connector for a wide range of copper cable to ground rod. Provides high torque strength on ground rod. UL467 Listed. Acceptable for direct burial in earth and concrete. Prefilled with PENETROX™ compound and strip sealed.





IEEE-837

Catalog Number	Commercial Copper Cable Range Element "A"	Metric Copper Cable Range Element "A"	Copper Weld Cable Range Element "A"	Ground Rod Dia. Element "B"	B	B-B	D	L	Installation Tools, Die Set Cat. No. (Number of Crimps)							
									Y35/Y39 HYPRESS™		Y750/PAT750		Y45 HYPRESS™		Y46 HYPRESS™	
									Element "A"	Element "B"	Element "A"	Element "B"	Element "A"	Element "B"	Element "A"	Element "B"
YGLR29C12	#2 Str. (.292 Dia.) thru 250 kcmil (.575 Dia.)	35mm² (7.62mm Dia.) thru 120 mm² (14.40mm Dia.)	91.65 kcmil (.343 Dia.) thru 248.8 kcmil (.572 Dia.)	1/2" [12.7]	.75 [19.1]	.88 [22.4]	.313 [7.9]	2.53 [64.3]	U997 (1)	PU998 (1)	U997 (1)	U1011 (2) or PU998 (1)	U997 (1)	S1012 (2) or PU998 (1)	U997 (1)	P1011(2) or PU998 (1)
YGLR34C12	250 kcmil (.575 Dia.) thru 500 kcmil (.813 Dia.)	120 mm² (14.40mm Dia.) thru 240 mm² (20.35mm Dia.)	248.8 kcmil (.572 Dia.) thru 498.8 kcmil (.810 Dia.)						—		U1011 or PU998 (1)		S998 or PU998 (1)		P998 or PU998 (1)	
YGLR29C58	#2 Str. (.292 Dia.) thru 250 kcmil (.575 Dia.)	35 mm² (7.62mm Dia.) thru 120 mm² (14.40mm Dia.)	91.65 kcmil (.343 Dia.) thru 248.8 kcmil (.572 Dia.)	5/8" [15.9]					U997 (1)	PU998 (1)	U997 (1)		U997 (1)		U997 (1)	
YGLR34C58	250 kcmil (.575 Dia.) thru 500 kcmil (.813 Dia.)	120 mm² (14.40mm Dia.) thru 240 mm² (20.35mm Dia.)	248.8 kcmil (.572 Dia.) thru 498.8 kcmil (.810 Dia.)						—		U1011 or PU998 (1)		S998 or PU998 (1)		P998 or PU998 (1)	
YGLR29C34	#2 Str. (.292 Dia.) thru 250 kcmil (.575 Dia.)	35 mm² (7.62mm Dia.) thru 120 mm² (14.40mm Dia.)	91.65 kcmil (.343 Dia.) thru 248.8 kcmil (.572 Dia.)	3/4" [19.1]			.500 [12.7]	2.63 [66.8]	U997 (1)	PU998 (1)	U997 (1)		U997 (1)		U997 (1)	
YGLR34C34	250 kcmil (.575 Dia.) thru 500 kcmil (.813 Dia.)	120 mm² (14.40mm Dia.) thru 240 mm² (20.35mm Dia.)	248.8 kcmil (.572 Dia.) thru 496.8 kcmil (.810 Dia.)						—		U1011 (2) or PU998		U1011 (2) or PU998		U1011 (2) or PU998	
YGLR29C100	#2 Str. (.292 Dia.) thru 250 kcmil (.575 Dia.)	35 mm² (7.62mm Dia.) thru 120 mm² (14.40mm Dia.)	91.65 kcmil (.343 Dia.) thru 248.8 kcmil (.572 Dia.)	1" [25.4]						—	U997 (1)		U997 (1)		U997 (1)	
YGLR34C100	250 kcmil (.575 Dia.) thru 500 kcmil (.813 Dia.)	120 mm² (14.40mm Dia.) thru 240 mm² (20.35mm Dia.)	248.8 kcmil (.572 Dia.) thru 498.8 kcmil (.810 Dia.)	1" [25.4]							U1011 (2) or PU998 (1)		U1011 (2) or PU998		U1011 (2) or PU998	

NOTES:

1. Before crimping, both connector elements can be turned on rod diameter 'D' to any desired position.
2. Grooves are filled with PENETROX™.
3. Suitable for direct burial in earth or concrete.
4. The catalog numbers shown are for unplated copper connectors for use on copper clad or stainless steel ground rod. To order electro-tin plated connectors for use on galvanized steel ground rod add suffix "TN" to the catalog number, only if the Figure 8 connector (Element "B") is tin plated, the Figure 6 connector (Element "A") is unplated. Note: The ground rod hole diameter is larger for galvanized steel ground rod in the tin plated connector.
5. Ground rod must be pre-crimped with die U2CABT (Index No. 348) when crimping the ground rod element (Element "B") with the PU998 dies in the Y750, Y35, Y39, Y45, or Y46 tools. Pre-crimping is not required when the S1012, P1011 or U1011 dies are used. See precrimp die chart.
6. Where a 'U' or 'PU' die is recommended with the Y45 HYPRESS™, a PT6515 adapter must be used.
7. Where a 'U' or 'PU' die is recommended with the Y46 HYPRESS™, a PUADP-1 adapter must be used.
8. Dimensions in bracket [ ] are in millimeters.
9. Die "1011" appears on Element "B" of the connector only.

Ground Rod Dia.	PRECRIMP Dies	
1/2"	UPRECRIMP 12	U2CABT
5/8"	UPRECRIMP 58	
3/4"	UPRECRIMP 34	

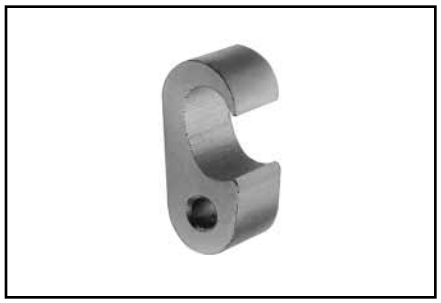
When attaching connector to ground rod, ground rod must be embossed with appropriate PRE-CRIMP™ die. For connections that must meet IEEE 837 requirements UPRECRIMP - type PRE crimp dies must be used for maximum clamping retention.

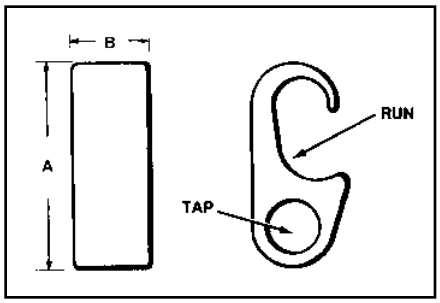
Blue highlighted items are industry standard and most frequently ordered.

TYPE YGHP-C

HYTAP™ CONNECTOR

Irreversible compression ground tap figure 6 can be used as a tap connector or as a tap splice connector. Four die sets and eight connectors can accommodate a conductor range from #8 solid through 500 kcmil plus 1/2″, 5/8″, and 3/4″ copper bonded ground rods. UL467 Listed. Acceptable for direct burial in earth and concrete. Prefilled with PENETROX™ compound and strip sealed.





UL96 Listed for Lightning Protection.

IEEE-837

467 96



Fig. 1



Fig. 2

Catalog Number	Fig. No.	Accommodates Run	Accommodates Tap	⑤ Cable To Rebar Run	⑤ Cable To Rebar Tap	B	Die Index No.	Installation Data: Y750/Y35 Y39 HYPRESS™	Installation Data: PAT750-18V	Installation Data: ③ Y45 HYPRESS™	Installation Data: ④ Y46 HYPRESS™	Installation Data: No. of Crimps
YGHP2C2	1	#6 Sol. (0.162) {59500} – #2 Str. (0.292) {59500}	① #6 Sol. (0.162) {#2 Str.} – #2 Str. (0.292) {#2 Str.}	—	—	.75 [19]	0	U0	U0	U0	U0	1
YGHP2C6W6W⑧	2	#6 Sol. (0.162) – #2 Str. (0.292)	#8 Sol. (0.128) – 6 Str. (0.184) Qty. 2	—	—							
YGHP29C6W6W⑧	2	1/0 Str. (0.372) {98500} – 250 kcmil (0.575) {131500} 1/2″ – 5/8″ Rod	#8 Sol. (0.128) – 6 Str. (0.184) Qtr. 2	#3 Rebar 3/8 thr0ugh 1/2 #4 Rebar	#8 Sol. – 6 Str.		997	U997	⑦ U997P	U997	U997	1
YGHP29C2	1		#4 Sol. (0.204) {#4 Sol.} – #2 Str. (0.292) {#2 Str.}		#2 Str.							
YGHP29C26	1		1/0 Str. (0.372) {98500} – 2/0 Str. (0.419) {98500}		1/0 Str. – 2/0 Str.							
YGHP29C29 ②	1		3/0 Str. (0.470) {131500} – 250 kcmil (0.575) {211500}		3/0 Str. – 250 kcmil							
YGHP34C2 ⑥	1	250 kcmil (0.575) {250 kcmil} – 500 kcmil (0.813) {500 kcmil} 5/8″ – 3/4″ Rod	#4 Sol. (0.204) – #2 Str. (0.292)	#5 Rebar 5/8 through 3/4 #6 Rebar	—		998	PU998	PU998	PU998 or S998	PU998 or P998	1
YGHP34C26 ⑥	1		1/0 Str. (0.372) {98500} – 2/0 Str. (0.419) {98500}		1/0 Str. – 2/0 Str.							
YGHP34C29 ⑥	1		3/0 Str. (0.470) {131500} – 250 kcmil (0.575) {211500}		3/0 Str. – 250 kcmil							
YGHP34C34 ⑥	1	250 kcmil (0.575) – 500 kcmil (0.813) 5/8″ – 3/4″ Rod	350 kcmil (0.681) – 500 kcmil (0.843)		350 kcmil – 500 kcmil	1.10 [28]	1011	⑥U1011	U1011	S1011	P1011	3

Dimensions in brackets { } represent lightning protection conductors.

NOTES:

① When using #6 Sol. in tap, fold conductor double to improve fill in YGHP2C2.
② For YGHP29C29 when using 3/0 in tap, minimum run conductor is 2/0 Str.
③ Where a 'U' or 'PU' die is recommended with the Y45 HYPRESS™, a PT6515 adapter must be used.
④ Where a 'U' or 'PU' die is recommended with the Y45 HYPRESS™, a P-UADP-1 adapter must be used.
⑤ Clean rust and protective coatings from rebar before connector installation to provide a proper ground connection. Precrimping is not required.
⑥ These connectors can only be installed using the Y750, Y45 or Y46 HYPRESS™ with the recommended dies. These connectors can not be installed with the Y35 and Y39 HYPRESS™.
⑦ Polarized die for the PAT750-18V.
⑧ Not UL96/CSA.

Ground Rod Dia.	PRECRIMP Dies	
1/2″	UPRECRIMP 12	U2CABT
5/8″	UPRECRIMP 58	
3/4″	UPRECRIMP 34	

For increased rotational resistance on ground rods, pre-crimp ground rod with U2CABT die Index 348 or uprecrimp dies may be used for even greater rotation and vibration resistance on ground rods.

CABLE TO GROUND ROD
CABLE TO REBAR
CABLE TO CABLE
FOR CONCRETE ENCASED ELECTRODE GROUNDING APPLICATIONS

Blue highlighted items are industry standard and most frequently ordered.

TYPE YGHP-C

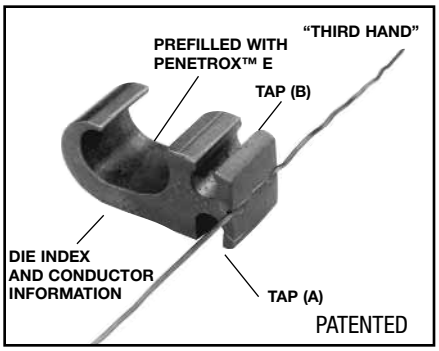
HYTAP™ CONNECTOR

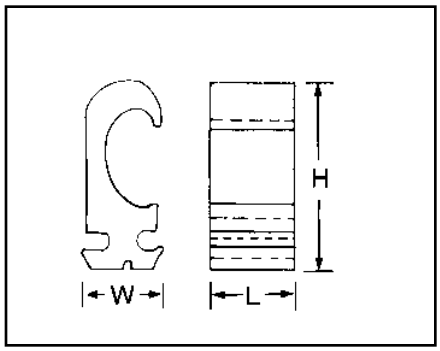
High Strength
Copper Irreversible
Compression

Ground Rod Tap Connector

Type YGHP-C irreversible compression ground tap figure 6 can be used as a ground rod tap connector for both continuous run and tapping applications. An open groove allows ground rod to be connected to a continuous run or tap. The second groove is for a tap only. Prefilled with PENETROX™ E and strip sealed. UL467 Listed for direct burial in earth or concrete.

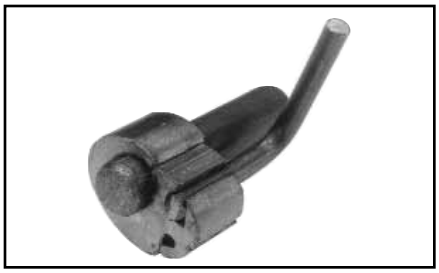
IEEE-837



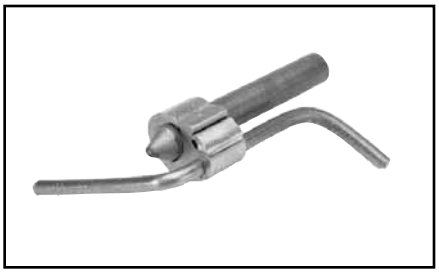


Features and Benefits

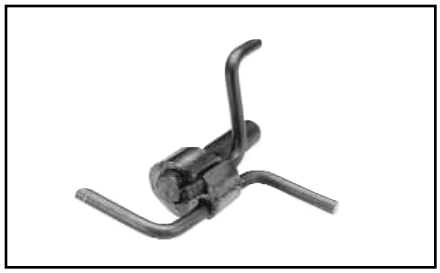
- Tap (A) accepts a continuous run on tap conductor
  Tap (B) accepts a tap conductor only.
  ◊ One connector style can be used for many applications, reducing number of connectors in inventory.
- Material is high conductivity wrought copper extrusion, identical material to the conductor.
  ◊ High-conductivity copper minimizes resistance and voltage drop. Eliminates the possibility of corrosion due to dissimiliar metals.
- System engineered tooling.
  ◊ The tooling recommendation has been designed to ensure a reliable, dependable connection every time.
- The die index number is embossed on conductor after completion of crimp.
  ◊ Faciliates speedy inspection of installed connectors to insure consistently reliable and dependable connections.
- Prefilled with PENETROX™ E and individually sealed in clear polyethylene sheet.
  ◊ Ensures the electrical integrity of the finished connection by inhibiting moisture and contaminates from entering the contact area. Maintains long-term high-conductivity.
- UL467 Listed.
  ◊ May be used in direct burial or concrete embedded grounding applications. Provides quality assurance to recognized industry NEC standards from an independent party.
- "Third Hand" constrains conductors while installer completes crimp. Included with each connector.
  ◊ Simplifies installation, reducing installed cost.



SINGLE TAP



CONTINUOUS RUN



CONTINUOUS RUN AND TAP

Catalog Number	Ground Rod Dia. ■	Tap Conductor +	Dimensions			▲ Installation Tooling				Die Index
						Y35/Y750/PAT750		Y46 •		
			H	B	W	Die No.	No. of Crimps	Die No.	No. of Crimps	
YGHP58C2W-2	1/2″ - 5/8″	#2 Sol. - #6 Sol. Copper (1) Continuous run and (1) Tap or up to (2) taps may be connected.	1.90″	.75″	.94″	U997	(1)	U997	(1)	997
YGHP58C2W-2TN										

NOTE: A 12″ bend radius is recommended for the conductor.
• Use PUADP-1 with 'U'-dies in Y46.
▲ See tooling section in Master Catalog for complete tool and die listing.
+ Either tap position may be left void when fewer than (2) conductors are used.
■ Ground rod must be precrimped with die U2CABT (Index No. 348).
For even greater rotational resistance use UPRECRIMP die.
For Galvanized Steel Rods order YGHP58C2W-2TN.

Blue highlighted items are industry standard and most frequently ordered.

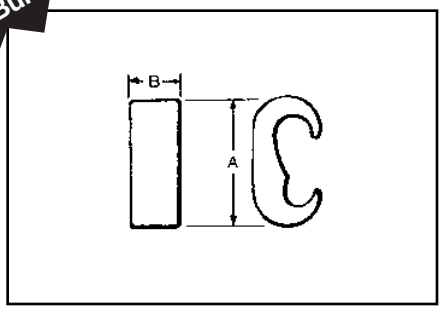
New! Ground Rod to Wire UL467 Listed and CSA Certified for Direct Burial

TYPE YGHC-C

HYTAP™ CONNECTOR

Irreversible compression ground tap figure "C" connectors. Accommodates all cable combinations from #6 solid through 500 kcmil. "C"- shaped opening permits placing two continuous parallel cables into conductor groove. UL 467 Listed. Acceptable for direct burial in earth or concrete. Prefilled with PENETROX™ compound and strip sealed. Certain sizes are also UL467 Listed and CSA Certified for wire to ground rod.





IEEE-837

467 96

UL96 Listed for Lightning Protection.

Catalog Number	Commercial Copper Cable Range/ Ground Rod ⑧ to Copper Cable		Stranded Copper Cable Range		A	B	Die Index No.	Installation Data			No. of Crimps
	Run	Tap	Run	Tap				Y750/Y35/ PAT750/Y39 HYPRESS™	① Y45 HYPRESS™	② Y46 HYPRESS™	
YGHC2C2	#6 Sol. (0.162) #2 Str. (0.292) 1/4″ Rod ⑦	#6 Sol. (0.162) #2 Str. (0.292)	10 mm² (4.12 mm) 35 mm² (7.62 mm)	10 mm² (4.12 mm) 35 mm² (7.62 mm)	1.16 [30]	0.75 [19]	C	U-C	U-C	U-C	1
YGHC26C2	1 Str. (0.328) {98500} 2/0 Str. (0.419) {98500} 3/8″ Rod ⑦	#6 Sol. (0.162) {#6 Sol.} #2 Str. (0.292) {#2 Str.}	35 mm² (7.62 mm) 70 mm² (10.9 mm)	10 mm² (4.12 mm) 35 mm² (7.62 mm)	1.41 [36]	0.75 [19]	0	U-0	U-0	U-0	1
YGHC26C26	1 Str. (0.328) {98500} 2/0 Str. (0.419) {98500} 3/8″ Rod ⑦	1 Str. (0.328) {98500} 2/0 Str. (0.419) {98500}	35 mm² (7.62 mm) 70 mm² (10.9 mm)	35 mm² (7.62 mm) 70 mm² (10.9 mm)	1.54 [39]	0.75 [19]	0	U-0	U-0	U-0	1
YGHC29C26	3/0 Str. (0.470) {3/0 Str.} 250 kcmil (0.575) {250 kcmil} 1/2″ or 5/8″ Rod ⑦	6 Sol. (0.162) {59500} 2/0 Str. (0.419) {98500}	95 mm² (12.5 mm) 120 mm² (14.4 mm)	10 mm² (4.12 mm) 70 mm² (10.9 mm)	1.97 [50]	0.75 [19]	997	U997	U997	U997	1
YGHC29C29	3/0 Str. (0.470) 250 kcmil (0.575) 1/2″ or 5/8″ Rod ⑦	3/0 Str. (0.470) 250 kcmil (0.575)	95 mm² (12.5 mm) 120 mm² (14.4 mm)	95 mm² (12.5 mm) 120 mm² (14.4 mm)	2.06 [52]	0.88 [22]	997	U997	U997	U997	1
YGHC34C26 ⑥	300 kcmil (0.630) {300 kcmil} 500 kcmil (0.813) {500 kcmil} 3/4″ Rod ⑦	#6 Sol. (0.162) {59500} 2/0 Str. (0.419) {98500}	150 mm² (16 mm) 240 mm² (20.35 mm)	10 mm² (4.12 mm) 70 mm² (10.9 mm)	2.42 [62]	0.88 [22]	1011	U1011	S1011	P1011	2
YGHC34C29 ⑥	300 kcmil (0.630) 500 kcmil (0.813)	3/0 Str. (0.470) 250 kcmil (0.575)	150 mm² (16 mm) 240 mm² (20.35 mm)	95 mm² (12.5 mm) 120 mm² (14.4 mm)	2.67 [66]	0.88 [22]	1011	U1011	S1011	P1011	2
YGHC34C34 ⑥	300 kcmil (0.630) 500 kcmil (0.813)	300 kcmil (0.630) 500 kcmil (0.813)	150 mm² (16 mm) 240 mm² (20.35 mm)	150 mm² (16 mm) 240 mm² (20.35 mm)	2.91 [74]	1.1 [28]	1011	U1011	S1011	P1011	3

Dimensions in brackets { } represent lightning protection conductors.

NOTES:

① Where a "U" or "PU" die is recommended with the Y45 HYPRESS™, PT6515 adapter must be used.

② Where a "U" or "PU" die is recommended with the Y46 HYPRESS™, a PUADP-1 adapter must be used.

3. Listed under UL486A for copper wire connectors

4. Dimensions in brackets [ ] are in millimeters.

5. In referencing connectors without PENETROX™ oxide inhibitor add suffix "NP" to the end of the Catalog Number.

⑥ These connectors can only be installed using the Y750, Y45 or Y46 HYPRESS™ with the recommended dies.
These connectors cannot be installed with the Y35 and Y39 HYPRESS™.

⑦ Ground rod to copper cable is UL 467 Listed for direct burial in earth and concrete.

Ground Rod Dia.	PRECRIMP Dies	
1/2″	UPRECRIMP 12	U2CABT
5/8″	UPRECRIMP 58	
3/4″	UPRECRIMP 34	

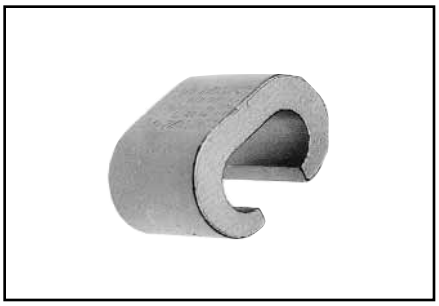
⑧ For ground rod to wire applications, ground rod must be precrimped, see above table for appropriate precrimp dies.

Blue highlighted items are industry standard and most frequently ordered.

TYPE YGC

COPPER CRIMPIT™

UL 467 Listed for direct burial in earth or concrete. Prefilled with PENETROX™ E2 oxide inhibitor.



Catalog Number	Copper Conductor		H	L	Index	OUR840	MD6/MD7	Crimps
	Run	Tap						
YGC8C8	#8 Sol. #8 Str.	#8 Sol. #8 Str.	.46	.52	162	W162	W162	2
YGC6C8	#6 Sol. #6 Str.	#8 Sol. #8 Str.	.73	.62	BG	XBG	WBG	2
YGC6C6	#6 Sol. #6 Str.	#6 Sol. #6 Str.	.76	.62	BG	XBG	WBG	2

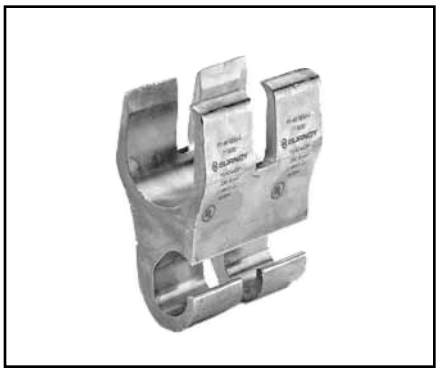
Blue highlighted items are industry standard and most frequently ordered.

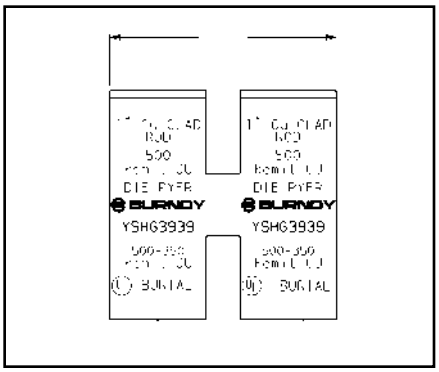
TYPE YSHG

HIGH STRENGTH COPPER IRREVERSIBLE COMPRESSION

Double H-Tap Connector

Type YSHG Double H-Tap grounding series is comprised of five connectors designed to accommodate wire range sizes #14 through 500 kcmil, including ground rod sizes: 3/4″, 1″, and rebar sizes: #6, #8 and #9. Prefilled with PENETROX™ E2 and strip sealed.





E-13

Features and Benefits

- UL467 Listed.
  - ◇ Suitable for direct burial in earth or concrete.
- Material is high conductivity copper extrusion.
  - ◇ Minimizes resistance, eliminates corrosion due to dissimilar metals.
- Grooves are prefilled with PENETROX™ E2 oxide inhibitor and individually sealed.
  - ◇ Inhibits moisture and contaminants ensuring electrical integrity.

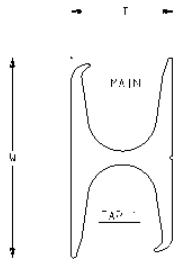


Fig. 1

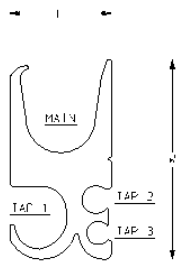


Fig. 2

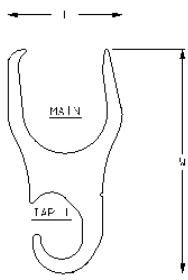


Fig. 3

Catalog Number	Fig. No.	Conductor Sizes				Tooling (number of crimps)		Index Emboss-ment	W ±.06	T ±.04	L ±.06
		Main	Tap 1	Tap 2	Tap 3	PAT750/Y750	Y46				
YSHG4429	3	#9 & #8 Rebar, 1″ [25] Ground Rod	250 - 2				PYFR (2)	K-R	3.22 [82]	1.70 [43]	2.44 [62]
*** YSHG3931**	2	#6 Rebar, 1″ [25] Cu Clad Ground Rod, 3/4″ Ground Rod 500 - 350 kcmil Copper	4/0 - 1/0	1 - 6	2 - 14		PYFR (2)	K-R	2.97 [75]	1.50 [38]	2.34 [59]
YSHG3434	1	#6 Rebar, 3/4″ [19] Ground Rod 400 - 250 kcmil Copper	400 - 4/0			U1104 (4)	P1104 (2) †U1104 (4)	1104	2.43 [62]	1.15 [29]	2.44 [62]
YSHG3429	2	#6 Rebar, 3/4″ [19] Ground Rod 400 - 4/0 kcmil Copper	3/0 - 1/0	1 - 4	8 - 14	U1104 (4)	P1104 (2) †U1104 (4)	1104	2.23 [57]	1.31 [33]	2.44 [62]

* NOTE: Not for use on 1″ steel ground rod.
† Use PUADP-1 adapter.

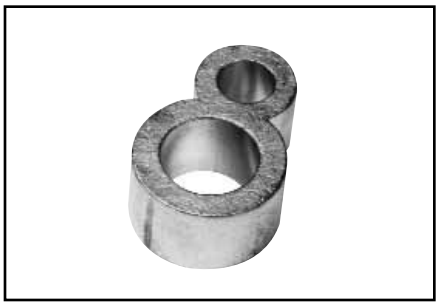
Blue highlighted items are industry standard and most frequently ordered.

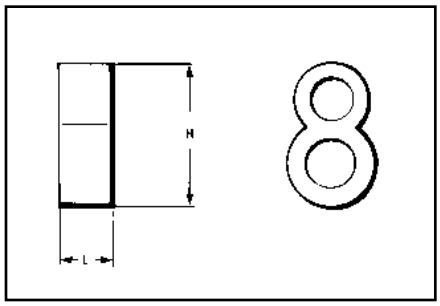
TYPE YGHR-C

HYTAIL™

High Strength Irreversible Compression Ground Rod Tap Connectors

High torque strength ground rod connectors. Accommodates a wide range of copper conductors to ground rod. UL467 Listed. Acceptable for direct burial in earth or concrete. Prefilled with PENETROX™ compound and strip sealed.





IEEE-837

Catalog Number	H	B
YGHR26C12	1.94″ [49.3]	.88″ [22.4]
YGHR26C58	1.97″ [50.0]	
YGHR26C34	2.19″ [55.6]	
YGHR26C100	2.55″ [56.2]	
YGHR29C12	1.94″ [49.3]	
YGHR29C58	2.14″ [54.4]	
YGHR29C34	2.19″ [55.6]	
YGHR29C100	2.45″ [62.2]	
YGHR34C58	2.14″ [54.4]	
YGHR34C34	2.44″ [62.0]	
YGHR34C100	2.70″ [68.6]	

Catalog Number	Commercial Copper Cable Range	Nominal Ground Rod Dia.	Installation Tools, Die Set Catalog Number (Number of Crimps)		
			PAT750/Y750/Y35/Y39 ①	Y45 HYPRESS ①	Y46 HYPRESS ①
YGHR26C12	#2 Str. (.292 Dia.) through 2/0 Str. (.419 Dia.)	1/2″ [12.7]	U1011 (2) ④ PU998 (1)	S1012 (2) ④ PU998 (1) ②	P1011 (2) ④ PU998 (1) ③
YGHR26C58		5/8″ [15.9]			
YGHR26C34		3/4″ [19.0]			
YGHR26C100*		1″ [25.4]		S1011 (2) S1012 (2) PU998 (1)	
YGHR29C12	#4/0 Str. (.528 Dia.) through 250 kcmil (.575 Dia.)	1/2″ [12.7]		S1012 (2) ④ PU998 (1) ②	
YGHR29C58		5/8″ [15.9]			
YGHR29C34		3/4″ [19.0]			
YGHR29C100*		1″ [25.4]		S1011 (2) S1012 (2) ④ PU998 (1)	
YGHR34C58	300 kcmil (.630 Dia.) through 500 kcmil (.813 Dia.)	5/8″ [15.9]		④ S1012 (2) PU998 (1) ②	
YGHR34C34*		3/4″ [19.0]			
YGHR34C100*		1″ [25.4]		S1011 (2)	P1011 (2)

NOTES:

- The catalog numbers shown are for unplated copper connectors for use on copper clad or stainless steel ground rod. To order electro-tin plated connectors for use on galvanized steel ground rod add suffix "TN" to the catalog number. Note: The ground rod hole diameter is larger for galvanized steel ground rod in the tin plated connector.

① Ground rod must be pre-crimped with die U2CABT (Index No. 348) when the PU998 dies are used in the Y750, Y35, Y39, Y45, or Y46 tools. Pre-crimping is not required when the P1011, S1011, S1012 or U1011 dies are used. UPRECRIMP dies may be used for additional mechanical resistance on ground rods.

② Where a PU998 die is recommended with the Y45 HYPRESS™, a PT6515 adapter must be used.

③ Where a PU998 die is recommended with the Y46 HYPRESS™, a PUADP-1 adapter must be used.

④ These die numbers do not appear on the connector.

* These connectors can only be installed using the Y750, Y45 or the Y46 HYPRESS™ with the recommended dies. These connectors CAN NOT be installed with the Y35 and Y39 HYPRESS™. When attaching connector to ground rod, ground rod must be embossed with appropriate PRECRIMP™ die. For connections that must meet IEEE 837 requirements UPRECRIMP - type PRE crimp dies must be used for maximum clamping retention.

Blue highlighted items are industry standard and most frequently ordered.

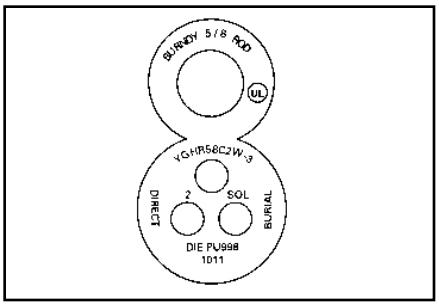
TYPE YGHR-C

HYTAIL™

High Strength Irreversible Compression Ground Rod Tap Connectors

Type YGHR-C irreversible compression grounding connector is engineered specifically for the Telecommunications Industry for (1, 2 or 3) #2 solid, tinned or bare conductor taps. UL467 Listed. Acceptable for direct burial in earth or concrete. BURNDY® has designed this connector to meet the stringent requirements of OSHA, the National Electric Code (NEC), UL, and the Telecommunications Industry. Performance and long life are this connector's basic design guidelines.





E-15

Features and Benefits

- Tap side 1, 2 or 3 conductors.
  - ◇ One connector style can be used for many applications.
- Material is high conductivity wrought copper extrusion, identical material to the conductor.
  - ◇ High-conductivity copper minimizes resistance and voltage drop. Eliminates the possibility of corrosion due to dissimilar metals.
- System engineered tooling.
  - ◇ Each tooling recommendation has been designed to provide a reliable, dependable connection.
- The die index number is embossed on connector after completion of crimp.
  - ◇ Facilitates speedy inspection of installed connectors to ensure consistently reliable and dependable connections.
- Prefilled with PENETROX™ and individually sealed in clear polyethylene sheet.
  - ◇ Ensures the electrical integrity of the finished connection by inhibiting moisture and contaminates from entering the contact area. Maintains long-term high-conductivity.
- UL 467 Listed. Acceptable for direct burial.
  - ◇ May be used in direct burial or concrete embedded grounding applications. Provides quality assurance to recognized industry NEC standards from an independent party.



TAP



RUN



TAP AND RUN

Catalog Number +	Ground Rod Diameter •	Tap Conductor ▲	Installation Tooling				Die Index
			PAT750/Y35/Y750**		Y46*		
			Die No.	No. of Crimps	Die No.	No. of Crimps	
YGHR58C2W-3	5/8″	#2 Sol. Copper 1, 2, or 3 may be connected	PU998†	(1)	PU998†	(1)	998 or 1011
					U1011	(2)	
			U1011	(2)	P998	(1)	
					P1011	(2)	

• Contact BURNDY® for other ground rod diameters.
* PU998 and U1011 die sets require PUADP-1 adapter for use in the Y46 HYPRESS™. Tap positions may be left void when fewer than (3) conductors are used.
\+ To order electro-tin plated connector for use on galvanized steel ground rod add suffix -"TN" to the catalog number.
NOTE: The ground rod hole diameter is larger for galvanized steel ground rod in the tin plated connector.

† Ground rod must be precrimped with die U2CABT (Index No. 348) when PU998 die set is used in the Y35, Y750 or Y46.
▲ HYPRESS™ tools. For even greater mechanical resistance use UPRECRIMP 58 dies.
** The Y750 utilizes PU dies and the U1011 die. The Y35 only uses PU998 die set.
NOTE: A 12″ bend radius is recommended for the conductor.

Blue highlighted items are industry standard and most frequently ordered.

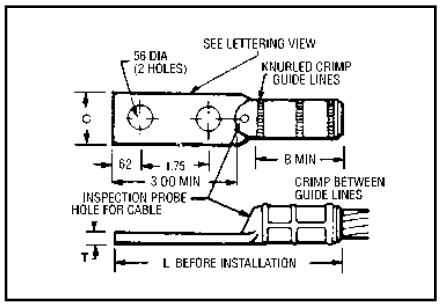
TYPE YGHA

HYLUG™

Heavy Duty Irreversible Compression Terminals

Heavy duty HYLUG™ irreversible compression terminals designed not only to carry short circuit load, but to also withstand high mechanical stress. Each conductor element has an inspection probe hole to ensure proper cable insertion. UL467 Listed. Acceptable for direct burial in earth or concrete. UL486A Listed. Prefilled with PENETROX™ compound and strip sealed.





IEEE-837

Catalog Number	Copper Conductor Size	Installation Tools, Die Set Catalog Number, and (Number of Crimps) HYPRESS™ Y35/Y39/Y45 ① /Y46 ② /Y750 /PAT750	B	C	L	T
YGHA2C-2N	2 str.	U1CRT (1)	.75	.97	4.21	.26
YGHA25-2N	1/0 str.	U27RT (1)	.83	.91	4.60	.19
YGHA26-2N	2/0 str.	U28RT (1)	.83	.97	4.38	.26
YGHA27-2N	3/0 str.	U29RT (1)	1.18	1.08	4.94	.29
YGHA28-2N	4/0 str.	U30RT (2)	1.18	1.22	4.94	.30
YGHA29-2N	250 kcmil	U31RT (2)	1.18	1.28	4.94	.34
YGHA31-2N	350 kcmil	U34RT (2)	1.18	1.62	5.00	.43
YGHA34-2N	500 kcmil	U36RT (3)	1.48	1.72	5.42	.40

① Where a "U" or "PU" die is recommended with the Y45 HYPRESS™, a PT6515 adapter must be used.

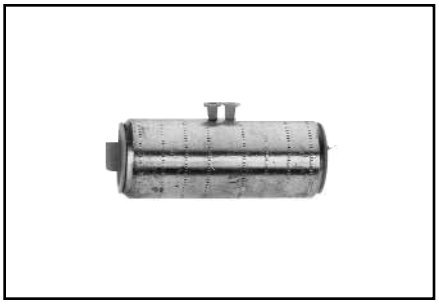
② Where a "U" or "PU" die is recommended with the Y46 HYPRESS™, a PUADP-1 adapter must be used.

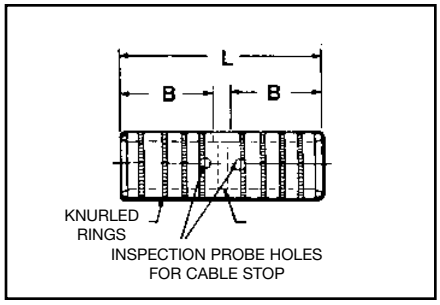
TYPE YGHS

HYLINK™

Heavy Duty Irreversible Compression Terminals

Heavy duty HYLINK™ ground splice designed not only to carry short circuit load, but to also withstand high mechanical stress. Each conductor element has an inspection probe hole and a center stop to ensure proper cable insertion. UL467 Listed. Acceptable for direct burial in earth or concrete. UL486A Listed. Prefilled with PENETROX™ compound and strip sealed.





IEEE-837

Catalog Number	Copper Conductor Size	Installation Tools, Die Set Catalog Number, and (Number of Crimps) HYPRESS™ Y35/Y39/Y45 ① /Y46 ② /Y750 /PAT750	B	L
YGHS2C	2 str.	U1CRT (1)	.75	1.73
YGHS25	1/0 str.	U27RT (1)	.83	1.89
YGHS26	2/0 str.	U28RT (1)	.83	1.89
YGHS27	3/0 str.	U29RT (1)	1.18	2.59
YGHS28	4/0 str.	U30RT (2)	1.18	2.59
YGHS29	250 kcmil	U31RT (2)	1.18	2.59
YGHS31	350 kcmil	U34RT (2)	1.18	2.59
YGHS34	500 kcmil	U36RT (3)	1.48	3.19

① Where a "U" or "PU" die is recommended with the Y45 HYPRESS™, a PT6515 adapter must be used.

② Where a "U" or "PU" die is recommended with the Y46 HYPRESS™, a PUADP-1 adapter must be used.

Blue highlighted items are industry standard and most frequently ordered.

TYPE YGA

HYLUG™

Grounding Irreversible Compression Terminals

Irreversible compression HYLUG™ Ground terminal specifically designed for grounding applications. Each connector has an inspection probe hole to ensure proper cable insertion. UL467 Listed. Acceptable for direct burial in earth or concrete. UL486A Listed. Prefilled with PENETROX™ compound and strip sealed.



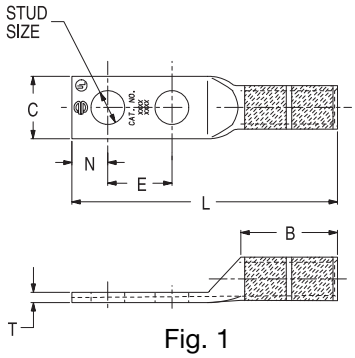


Fig. 1

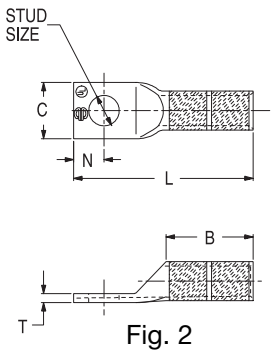


Fig. 2

Catalog Number	Fig. No.	Copper Conductor Size	Installation Tools, Die Set Cat. No., and (number of crimps)				Stud Size	B	C	L	T	E
			Mechanical			Hydraulic						
			Y2MR	MD7-34R	OUR840	Y35/Y39/Y45/PAT750 ① /Y46 ② /Y750						
			Die # (# of crimps)	Die # (# of crimps)	Die # (# of crimps)	Die # (# of crimps)						
YGA8C-TC10	2	8 sol./8 str.	Red (4)	W8CVT (2) X8CRT (2)		U8CRT (2)	#10	.81	.41	1.57	.08	—
YGA8C-TC14	2	8 sol./8 str.	Red (4)	W8CVT (2) X8CRT (2)		U8CRT (2)	1/4	.81	.44	1.69	.08	—
YGA8C-TC516	2	8 sol./8 str.	Red (4)	W8CVT (2) X8CRT (2)		U8CRT (2)	5/16	.81	.51	1.75	.06	—
YGA8C-2N	1	8 sol./8 str.	Red (4)	W8CVT (2) X8CRT (2)		U8CRT (2)	1/2	.81	.71	4.09	.05	1.75
YGA6C-TC10	2	6 sol./6 str.	Blue (4)	W5CVT (2) X5CRT (2)		U5CRT (2)	#10	1.12	.42	1.89	.09	—
YGA6C-TC14	2	6 sol./6 str.	Blue (4)	W5CVT (2) X5CRT (2)		U5CRT (2)	1/4	1.12	.45	2.02	.08	—
YGA6C-TC516	2	6 sol./6 str.	Blue (4)	W5CVT (2) X5CRT (2)		U5CRT (2)	5/16	1.12	.51	2.08	.07	—
YGA6C-2TC38E2G1	1	6 sol./6 str.	Blue (4)	W5CVT (2) X5CRT (2)		U5CRT (2)	3/8	1.12	.58	3.42	.06	.75
YGA6C-2N	1	6 sol./6 str.	Blue (4)	W5CVT (2) X5CRT (2)		U5CRT (2)	1/2	1.12	.83	4.40	.12	1.75
YGA2C-2TC38	1	2 sol./2 str.	Brown (4)	W2CVT (2) X2CRT (2)		U2CRT (2)	3/8	1.25	.60	3.48	.12	1.00
YGA2C-2N	1	2 str.	Brown (4)	W2CVT (2) X2CRT (2)		U2CRT (2)	1/2	1.22	.81	4.71	.12	1.75
YGA25-2N	1	1/0 str.	—	W25VT (4) X25RT (4)		U25RT (2)	1/2	1.35	.81	4.91	.12	1.75
YGA26-2N	1	2/0 str.	—	W26VT (4) X26RT (4)		U26RT (2)	1/2	1.45	.81	4.89	.12	1.75
YGA28-2N	1	4/0 str.	—	W28VT (4) X28RT (4)		U28RT (2)	1/2	1.57	1.00	5.06	.14	1.75
YGA29-2N	1	250 kcmil	—	W29VT (4)		U29RT (2)	1/2	1.57	1.09	5.16	.16	1.75
YGA34-2N	1	500 kcmil	—	W34VT (4)		U34RT (4)	1/2	2.20	1.52	5.94	.23	1.75

① Where a "U" or "PU" die is recommended with the Y45 HYPRESS™, a PT6515 adapter must be used.

② Where a "U" or "PU" die is recommended with the Y46 HYPRESS™, a PUADP-1 adapter must be used.

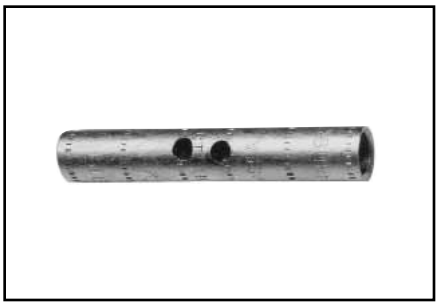
Blue highlighted items are industry standard and most frequently ordered.

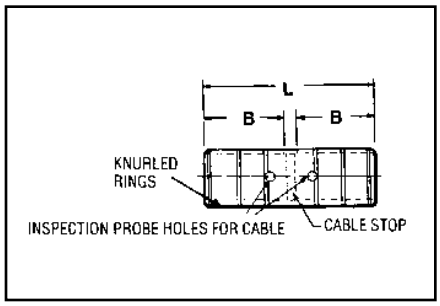
TYPE YGS

HYLINK™

Grounding Irreversible Compression Splices

Irreversible compression HYLINK™ ground splices specifically designed for grounding applications. Each conductor element has an inspection probe hole and a center stop to ensure proper cable insertion. UL467 Listed. Acceptable for direct burial in earth or concrete. UL486A Listed. Prefilled with PENETROX™ compound and strip sealed.





Catalog Number	Copper Conductor Size	Installation Tools, Die Set Catalog Number, and (Number of Crimps)				B	L
		Mechanical			Hydraulic		
		Y2MR Die # (# of Crimps)	MD7-34R Die # (# of Crimps)	OUR840 Die # (# of Crimps)	Y35/Y39/Y45① /Y46② /Y750/PAT750 Die # (# of Crimps)		
YGS8C	#8 sol./str.	—	X8CRT, W8CRT, W8CVT ③		U8CRT (2)	.78	1.75
YGS6C	#6 sol./str.	—	X5CRT, W5CRT, W5CVT ③		U5CRT (2)	1.09	2.38
YGS2C	2 str.	Brown (4)	W2CVT (2) X2CRT (2)		U2CRT (2)	1.22	2.67
YGS25	1/0 str.	—	W25VT (4) X25RT (4)		U25RT (2)	1.35	2.97
YGS26	2/0 str.	—	W26VT (4) X26RT (4)		U26RT (2)	1.45	3.13
YGS28	4/0 str.	—	W28VT (4) X28RT (4)		U28RT (2)	1.57	3.37
YGS29	250 kcmil	—	W29VT (4)		U29RT (2)	1.57	3.37
YGS34	500 kcmil	—	W34VT (4)	—	U34RT (4)	2.20	4.63

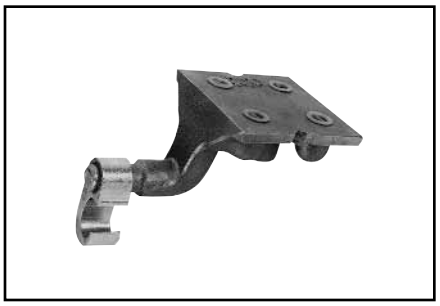
① Where a "U" or "PU" die is recommended with the Y45 HYPRESS™, a PT6515 adapter must be used.
② Where a "U" or "PU" die is recommended with the Y46 HYPRESS™, a PUADP-1 adapter must be used.
③ Use "X" with OUR840, "W" with MD6/MD7.

Blue highlighted items are industry standard and most frequently ordered.

TYPE YGF

GROUNDING PLATE

The irreversible compression ground plate is designed to withstand the rigors of concrete construction. The ground plates are made of high strength, high-conductivity cast copper alloy body with a pure wrought copper compression element. In addition to the tapped NEMA size holes and spacing on the face, the plate comes with a tapped hole on the underside for ease of positioning prior to pouring the concrete. UL467 Listed. Acceptable for direct burial in earth or concrete. Prefilled with PENETROX™ compound and strip sealed.



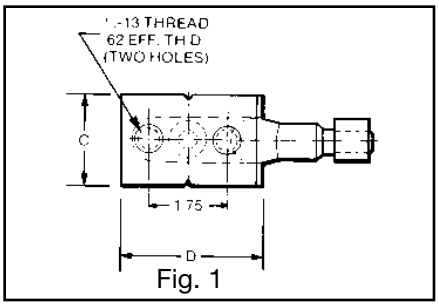


Fig. 1

IEEE-837

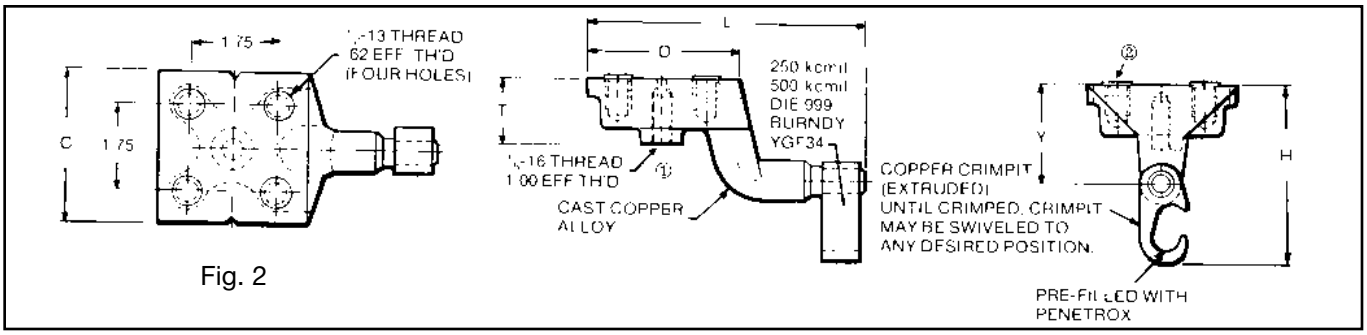


Fig. 2

Catalog Number	Fig. No.	C	D	H	L	T	Y
YGF29-2N	1	2.00	3.25	3.62	5.78	1.31	2.00
YGF29-4N	2	3.25	3.25	3.62	5.78	1.31	2.00
YGF34-2N	1	2.00	3.25	4.62	5.40	1.31	2.19
YGF34-4N	2	3.75	3.75	4.62	5.90	1.31	2.19

NOTES:

① This tapped hole may be used to position the grounding plate on a threaded rod prior to placement of the concrete.

① 3/8-16 thread with 1.00 EFF. Thread is standard. If other thread is required, add appropriate Code No. to Catalog No. for desired thread.
-50 (1/2 -13, .94 EFF. Thread), -62 (5/8 -11, .94 EFF. Thread) and -75 (3/4 -10, .81 EFF. Thread)
Example: YGF34-4N-50 is YGF34-4N with 1/2 -13 Thread

② Plastic plugs are provided to keep dirt out of the threaded holes until the attachment of grounding terminals.

Catalog Number	Copper Conductor Range	Tapped Holes		Installation Tools, Die Set Cat. No., and (number of crimps) HYPRESS™		
		Size	Hole Centers	PAT750/Y750/Y35/Y39	Y45 ①	Y46 ②
YGF29-2N	2 - 250 kcmil	1/2 - 13	1-3/4	U997 (1)	U997 (1)	U997 (1)
YGF29-4N	2 - 250 kcmil	1/2 - 13	1-3/4	U997 (1)	U997 (1)	U997 (1)
YGF34-2N*	250 - 500 kcmil	1/2 - 13	1-3/4	U1011 (3)	S1011 (2)	P1011 (2)
YGF34-4N*	250 - 500 kcmil	1/2 - 13	1-3/4	U1011 (3)	S1011 (2)	P1011 (2)

ORDERING INFORMATION

① Where a "U" or "PU" die is recommended with the Y45 HYPRESS™, a PT6515 adapter must be used.

② Where a "U" or "PU" die is recommended with the Y46 HYPRESS™, a PUADP-1 adapter must be used.

* These connectors can only be installed using the Y750, Y45 or Y46 HYPRESS™ with recommended dies. These connectors CAN NOT be installed with the Y35 or Y39 HYPRESS™.

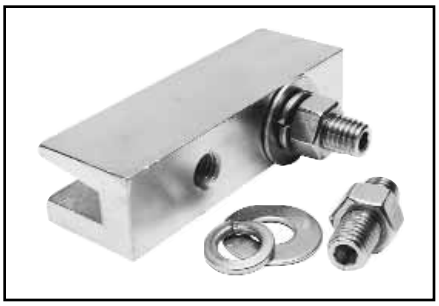
Blue highlighted items are industry standard and most frequently ordered.

TYPE YGIB

GROUNDLINK™ CONNECTOR

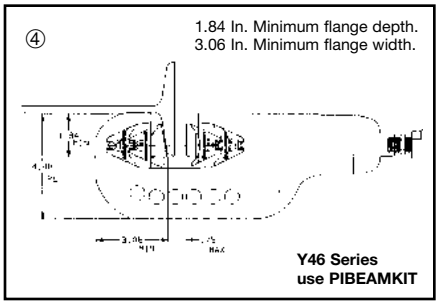
An irreversible compression ground connection which allows attachment to a structural steel standard (angled) or wide flange (parallel) beam. Installed with a required 5-piece die set, Catalog PIBEAMKIT or UIBEAMKIT. Die index 1105. GROUNDLINK™ connectors are made of high-conductivity wrought copper and come pre-filled with PENETROX™ E compound and strip sealed. Order terminal mounting hardware separately.

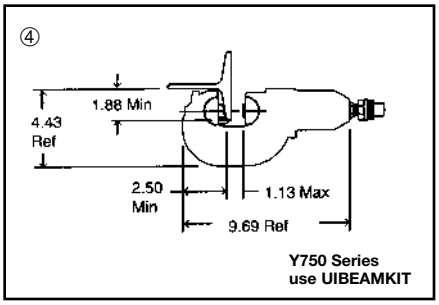
E-20

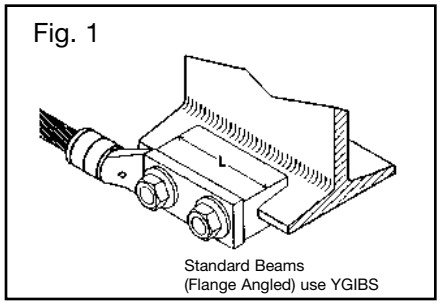


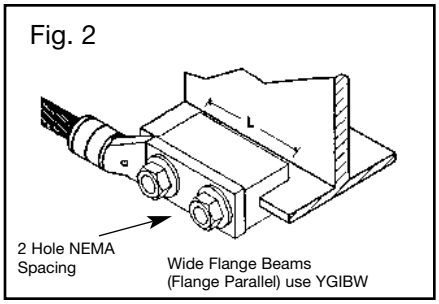
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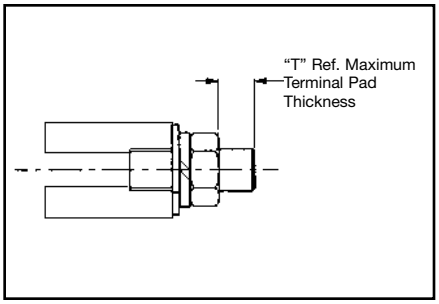
Connector shipped with thread protection studs only. Order TMHG kits separately.











TERMINAL MOUNTING HARDWARE

Catalog Number	"T"
TMHG-42	.42
TMHG-92	.92

NOTE: Use TMHG-92 to double stack lugs.

NOTES:

1. Terminal conector to be ordered separately. When I-beam connector is used with type "YGHA" terminal, the connection meets IEEE 837-1989 requirements. YGA-2N, YA-2N and other BURNDY® 2-hole NEMA copper terminals are suitable.
2. Order "TMHG" Terminal Mounting Hardware Kit separately. Kit consists of 2 studs, 2 flat washers, 2 lockwashers and 2 hex nuts.
3. Using the 1/4 hex key wrench, screw the stud into the connector until stud bottoms out in connector. Install a "YGHA" terminal, flat washer, lockwasher and hex nut onto stud. Tighten and torque to 480 pound-inches.

④ Dimensions shown reflect the minimum dimensions required on a beam to properly install the I-beam connector.

5. To correctly determine the appropriate YGIB connector to use based on flange thickness, order either YGIBGAUGE1 or YGIBKIT1 (KIT1 contains wiremike).

TYPE YGIB

(Continued)

GROUNDLINK™ CONNECTOR

Copper Conductor Range	Catalog Number	Fig. No.	"L"	"J"	i-Beam Flange Thickness	Suggested Terminals		"T" Ref.
						Copper Conductor	Terminal	
2 - 4/0 AWG	**YGIBS28-338-2N**	1	3.00	1/2 - 13	.250″ to .338″	#2 Str. AWG	YGHA2C-2N	.26
						1/0 Str. AWG	YGHA25-2N	.19
	YGIBW28-338-2N	2	3.00			2/0 Str. AWG	YGHA26-2N	.26
						4/0 Str. AWG	YGHA28-2N	.30
250 - 500 kcmil	**YGIBS34-338-2N**	1	6.00			250 kcmil	YGHA29-2N	.34
	YGIBW34-338-2N	2				500 kcmil	YGHA34-2N	.40
2 - 4/0 AWG	**YGIBS28-400-2N**	1	3.00		.338″ to .400″	#2 Str. AWG	YGHA2C-2N	.26
						1/0 Str. AWG	YGHA25-2N	.19
	YGIBW28-400-2N	2	3.00			2/0 Str. AWG	YGHA26-2N	.26
						4/0 Str. AWG	YGHA28-2N	.30
250 - 500 kcmil	**YGIBS34-400-2N**	1	6.00			250 kcmil	YGHA29-2N	.34
	YGIBW34-400-2N	2				500 kcmil	YGHA34-2N	.40
2 - 4/0 AWG	**YGIBS28-462-2N**	1	3.00		.400″ to .462″	#2 Str. AWG	YGHA2C-2N	.26
						1/0 Str. AWG	YGHA25-2N	.19
	YGIBW28-462-2N	2	3.00			2/0 Str. AWG	YGHA26-2N	.26
						4/0 Str. AWG	YGHA28-2N	.30
250 - 500 kcmil	**YGIBS34-462-2N**	1	6.00			250 kcmil	YGHA29-2N	.34
	YGIBW34-462-2N	2				500 kcmil	YGHA34-2N	.40
2 - 4/0 AWG	**YGIBS28-550-2N**	1	3.00		4.62″ to .550″	#2 Str. AWG	YGHA2C-2N	.26
						1/0 Str. AWG	YGHA25-2N	.19
	YGIBW28-550-2N	2	3.00			2/0 Str. AWG	YGHA26-2N	.26
						4/0 Str. AWG	YGHA28-2N	.30
250 - 500 kcmil	**YGIBS34-550-2N**	1	6.00			250 kcmil	YGHA29-2N	.34
	YGIBW34-550-2N	2				500 kcmil	YGHA34-2N	.40
2 - 4/0 AWG	**YGIBS28-613-2N**	1	3.00		.550″ to	#2 Str. AWG	YGHA2C-2N	.26
						1/0 Str. AWG	YGHA25-2N	.19
	YGIBW28-613-2N	2	3.00			2/0 Str. AWG	YGHA26-2N	.26
						4/0 Str. AWG	YGHA28-2N	.30
250 - 500 kcmil	**YGIBW34-613-2N**	2	6.00			500 kcmil	YGHA34-2N	.40
2 - 4/0 AWG	**YGIBS28-675-2N**	1	3.00		.613″ to .675″	#2 Str. AWG	YGHA2C-2N	.26
						1/0 Str. AWG	YGHA25-2N	.19
	YGIBW28-675-2N	2	3.00			2/0 Str. AWG	YGHA26-2N	.26
						4/0 Str. AWG	YGHA28-2N	.30
250 - 500 kcmil	**YGIBS34-675-2N**	1	6.00			250 kcmil	YGHA29-2N	.34
	YGIBW34-675-2N	2				500 kcmil	YGHA34-2N	.40

Blue highlighted items are industry standard and most frequently ordered.

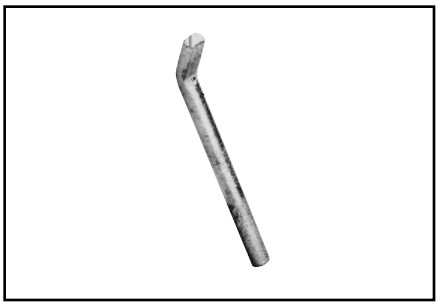
TYPE GSTUD-HY

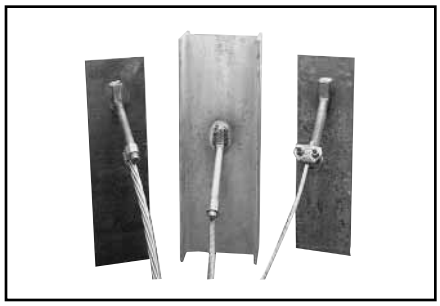
VERSITAIL™

Structural Steel Grounding Connector

INSTALLATION

1. Weld the VERSITAIL™ to the steel member.
2. Select the proper connector for your specific application.
   a. FOR COMPRESSION CONNECTORS
   Select the proper BURNDY® "YGHP," connector. Clean the conductor, join the VERSITAIL™ and the grounding conductor together with the recommended tool and die set, then crimp the connector over the knurled area of the VERSITAIL™.
   b. FOR MECHANICAL CONNECTORS
   Select the properly sized BURNDY® connector. Clean the conductor, then apply PENETROX™ E oxide inhibiting compound on the contact area for increased effectiveness and service life. Put the connector over the knurled area of the VERSITAIL™ and apply the recommended torque value for correct installation.





FEATURES

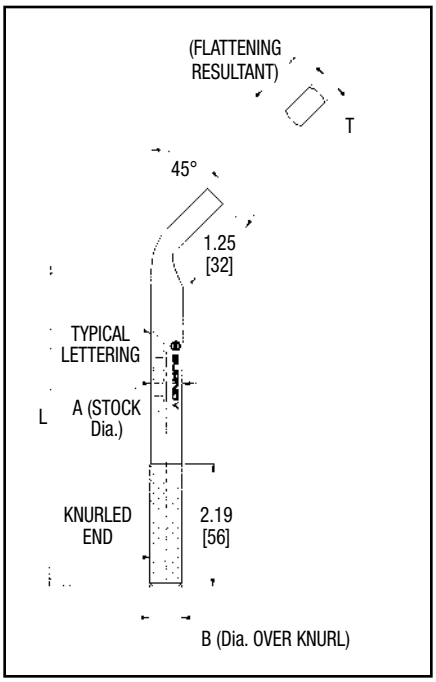
- The VERSITAIL™ may be welded to steel surfaces quickly and easily with normal construction equipment.
- The VERSITAIL™ eliminates costly disk grinding and the need to expose virgin metal. The welding process burns through the oxidation and "scale" to establish excellent electrical grounding continuity.
- The VERSITAIL™ may be installed by the welder in the field or at the steel fabricator based on customer preference.
- The VERSITAIL™ pure copper coating over low carbon, hot rolled steel is compatible with standard welding processes. No toxic gasses are generated.
- The VERSITAIL™ knurled surface is copper plated and specifically designed to ensure excellent mechanical gripping and electrical integrity for BURNDY® compression and mechanical connectors in all grounding applications.
- The VERSITAIL™ may be installed during adverse weather conditions thus eliminating costly construction delays.

BENEFITS

Low installation cost.
- No drilling . . . No cleaning . . .
- No special preparation

SPECIFICATIONS

- Low Carbon, hot rolled steel.
- Pure copper plated finish.



Catalog Number	Nom. Rod Size	Dimensions A In. [mm]	B In. [mm]	L In. [mm]	T In. [mm]	Electrical Equivalent Copper Conductor Size (AWG)*
GSTUD14HY	1/4″	.25 [6.3]	.26 [6.6]	4.81 [122.2]	.19 [4.8]	#6
GSTUD38HY	3/8″	.38 [9.7]	.39 [9.9]	5.81 [147.6]	.25 [6.4]	#3
GSTUD916HY	5/8″	.56 [14.2]	.57 [14.5]	5.68 [144.3]	.38 [9.7]	1/0
GSTUD34HY	3/4″	.75 [19.0]	.76 [19.3]	5.81 [147.6]	.51 [13.0]	4/0

* This is the equivalent rating for continuous service. Larger conductors may be connected using both compression and bolted connectors in potential ground fault applications.

Blue highlighted items are industry standard and most frequently ordered.

TYPES YGT & YTTAG

STATIC GROUNDING RECEPTACLE

Type YGT static grounding receptacles are designed for static grounding of equipment. The receptacle is connected to the ground grid with HYGROUND® compression connectors and finished flush with surface to provide a permanent corrosion proof grounding point.

Type YGT Static Grounding Receptacle with Cover

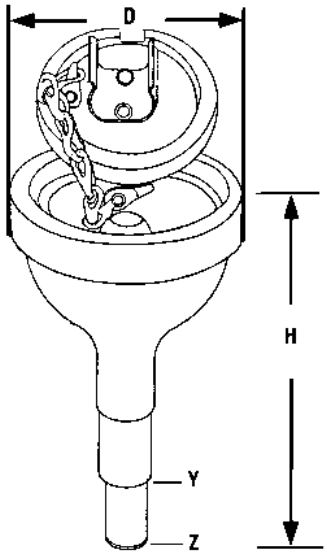


Fig. 1

Type YTTAG Combination Static Grounding Receptacle and Aircraft Tie Down Bar

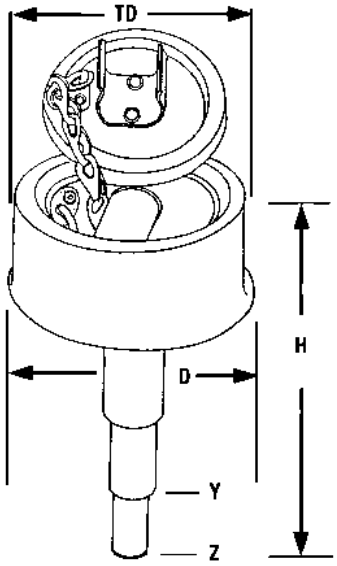


Fig. 2

Catalog Number	Figure Number	* HYGROUND® Connector	Dimensions				
			H	D	Y Dia.	Z Dia.	TD
YGT275	1	Select suitable YGHR or YGLR for 3/4″ ground rod and sized to ground conductor.	5.5	2.75	.75	.56	—
YTTAG388	2		6.5	4.75	.75	.56	4.3

* When using U or PU dies with Y46 HYPRESS™, a PUADP-1 adapter is required.

NOTES:

1. Ground rod must be pre-crimped with U2CABT die set when PU998 die is used or for even higher mechanical resistance use special UPRECRIMP dies on ground rods.
2. Pre-crimping of ground is not necessary when P1011 die is used. Install YGHR or YGLR on hub Y. Hub Z is inserted into 1/2" rigid conduit. The conduit is driven into earth to provide support and provide correct level of receptacle prior to cement pour.

Blue highlighted items are industry standard and most frequently ordered.

TYPE YG-B

BUS BAR CONNECTOR

BURNDY's YG14B2TC2C6C Compression Bus Bar Connector is ideally suited for cellular tower applicatons and is easier to use than exothermic connections. This high conductivity wrought copper connector allows attachment of the ground conductor to the ground bus with just one crimp using the BURNDY® Y750 HYPRESS™ Hydraulic Compression tool and the U1105 die set. This exclusive patent pending design allows the user to attach #2 AWG sol./str. and/or #6 sol./str. copper conductor to 1/4″ thick copper bus bar. This connection is suitable using (1) or (2) conductors for power, grounding and bonding applictions. UL Listed to both UL486 and UL467 (suitable for direct burial) ensures that this connector will meet the rigors of either application. Prefilled with PENETROX™ E compound and strip sealed.



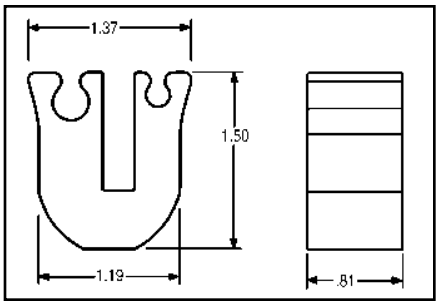
Fig. 1

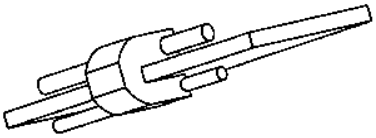


Fig. 2



Fig. 3





Catalog Number	Fig No.	Ground Bar Thickness	Bus Bar Tap Conductors	Tooling	Installation Die No.	No. of Crimps
YG14B2TC2C6C	1	1/4"	#2 Sol./and/or Str. Copper #6 Sol./and/or Str. Copper	PAT750, Y750	U1105	1
YG14B2TC2C2C*	2	1/4"	#2 #2	PAT750, Y750	U1105	1
YG14BTC28	3	1/4"	4/0 AWG Str. to 1/0 AWG Str. Copper	PAT750, Y750	U1105	1

NOTE: Suitable for use with either (1) or (2) conductors (excluding YG14BTC26 and YG14BTC28).

* For continuous uncut conductor applications.

Blue highlighted items are industry standard and most frequently ordered.

MECHANICAL GROUNDING CONNECTORS

More than 60 years of technological innovation has made BURNDY® mechanical grounding connectors one of the most widely used, highly respected lines in the industry. There is virtually no grounding application problem that this diversified line cannot help solve.

All BURNDY® mechanical grounding connectors have been designed for easy installation and for outstanding durability. Only the finest high copper alloys are used in their manufacture, ensuring top performance under the most extreme environmental conditions.

UL467 Listed for direct burial applications in earth or concrete.

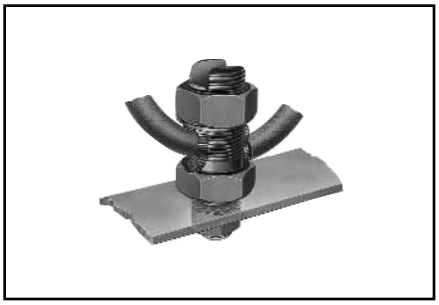
TYPES KC, K2C

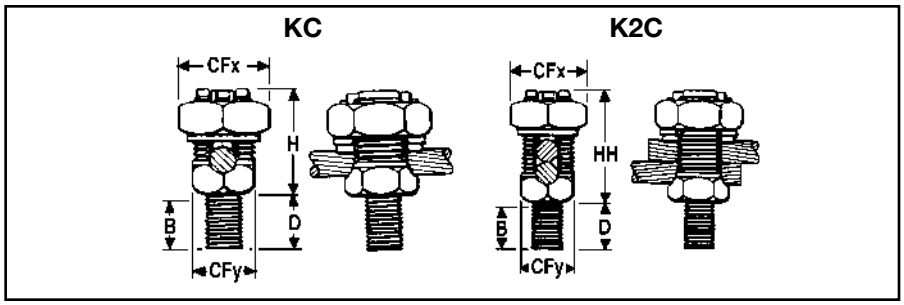
SERVIT POST™

For Copper Cable to Flat

SERVIT POST™ used to ground one or two cables to steel structures, fence posts, transformers. Also used to tap one or two cables from bus bar. One-wrench installation.







Catalog Number		Conductor		Stud						
Type KC †	Type K2C ‡	Stranded	Solid	Diameter	B	CFx	CFy	D	H	HH
KC15	K2C15	12 - 9	12 - 8	1/4 - 20	3/8	1/2	3/8	1/2	5/8	7/8
KC15B1	K2C15B1				7/8			1		
KC17	K2C17	10 - 7	10 - 6	1/4 - 20	3/8	5/8	7/16	1/2	7/8	1
KC17B1	K2C17B1				7/8			1		
KC20	K2C20	10 - 5	10 - 4	5/16 - 18	13/32	11/16	1/2	5/8	7/8	1-1/8
KC20B1	K2C20B1				27/32			1		
KC22	K2C22	10 - 3	10 - 2	3/8 - 16	15/32	3/4	5/8	5/8	1	1-1/4
KC22B1	K2C22B1				31/32			1-1/8		
KC23	K2C23	8 - 2	10 - 1	3/8 - 16	15/32	13/16	5/8	5/8	1	1-3/8
KC23B1	K2C23B1				31/32			1-1/8		
KC25	K2C25	2 - 1/0	2 - 2/0	1/2 - 13	9/16	15/16	3/4	3/4	1-1/8	1-5/8
KC25B1	K2C25B1				1-1/16			1-1/4		
KC26	K2C26	2 - 2/0	2 - 3/0	1/2 - 13	17/32	1	7/8	3/4	1-3/8	1-7/8
KC26B1	K2C26B1				1-1/16			1-1/4		
KC28	K2C28	1 - 4/0	1 - 4/0	5/8 - 11	3/4	1-1/2	1-3/16	1	1-3/4	2-1/4
KC28B1	K2C28B1				1-1/4			1-1/2		
KC31	K2C31	1 - 350	—	5/8 - 11	3/4	1-11/16	1-3/8	1	2-1/4	2-7/8
KC31B1	K2C31B1				1-1/4			1-1/2		
KC34	K2C34	3/0 - 500	—	3/4 - 10	1	2	1-5/8	1-1/4	2-3/8	3-1/4
KC34B1	K2C34B1				1-1/2			1-3/4		

† For 1 conductor.
‡ For 1 or 2 conductors.
Add "NSP" suffix to have connector supplied w/split lockwasher and nut.

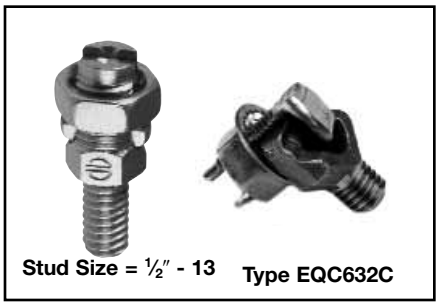
Blue highlighted items are industry standard and most frequently ordered.

TYPES KC22J12T13, EQC632C

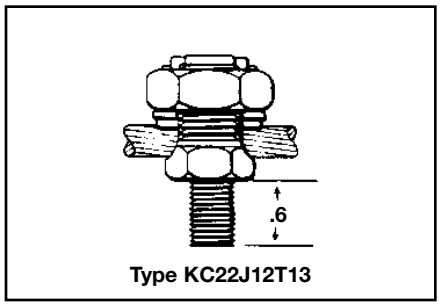
TRANSFORMER GROUND CONNECTORS

For Copper

Fits all standard EEI NEMA distribution transformers as a tank grounding terminal.



Stud Size = ½″ - 13 Type EQC632C



Type KC22J12T13

Catalog Number	Ranges
KC22J12T13	8 Sol. - 2 Sol.
KC26	2 Sol. - 2/0 Str.
KC34J12T13	3/0 - 500 Str.
EQC632C	8 Sol. - 2 Str.

Both, one-wrench installation.

TYPE KS

SERVIT®

For Copper

UL467 Listed for direct burial applications in earth or concrete. Compact, high-strength, high copper alloy SERVIT® split-bolt has free-running threads and easy to grip wrench flats. Highly resistant to cracking and corrosion.



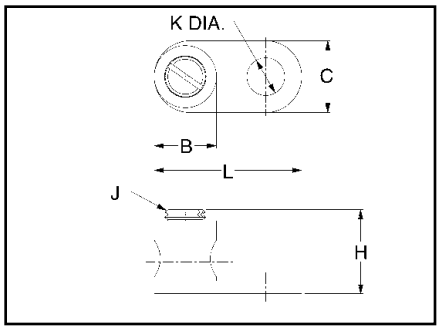
Catalog Number	Cross Flats	L	W	Copper Conductor Range (Sol. - Str.)	Rebar w/ (1) No. 8 Sol. Cu	Recommended Torque (In. Lb.)
KS15	.50	.85	.38	12 AWG - 8 AWG	N/A	80
KS17	.63	1.14	.45	8 AWG - 6 AWG	N/A	165
KS20	.69	1.20	.51	8 AWG - 4 AWG	N/A	165
KS22	.75	1.50	.60	6 AWG - 3 AWG	N/A	275
KS23	.82	1.54	.62	6 AWG - 2 AWG	N/A	275
KS25	.94	1.77	.73	4 AWG - 1/0	N/A	385
KS26	1.05	1.94	.82	2 AWG - 2/0 6 AWG - 8 AWG Str./Sol.	#3 (3/8″)	385
KS27	1.36	1.86	1.17	1 AWG - 3/0	N/A	500
KS29	1.36	2.07	1.17	1 AWG - 250 kcmil 6 AWG - 8 AWG Str./Sol.	#4 (1/2″)	650
KS31	1.70	2.51	1.41	1/0 AWG - 350 kcmil 6 AWG - 8 AWG Str./Sol.	#5 (5/8″)	650
KS34	1.82	2.79	1.48	2/0 AWG - 500 kcmil 6 AWG - 8 AWG Str./Sol.	#6 (3/4″)	825

Blue highlighted items are industry standard and most frequently ordered.

TYPE GKA

For Copper

UL467 Listed for direct burial applications in earth or concrete. One-piece forged body construction insures mechanical integrity in an underground environment. Supplied with a stainless steel headless screw.



Catalog Number	Cable Range	B	C	H	J	K	L
GKA8C [1]	#10 Sol. - #8 Str.	.31	.38	.58	#10 - 32	.21	.81
GKA4C [2]	#14 Sol. - #4 Str.	.46	.54	.71	5/16 - 24	.28	1.13

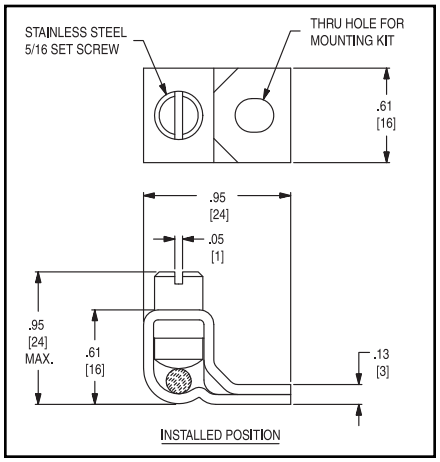
1. To be assembled with TMH322 stainless steel hardware kit. Ordered separately.
2. To be assembled with TMH 323 stainless steel hardware kit. Ordered separately.

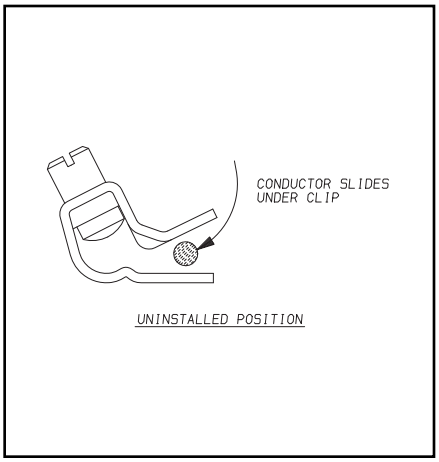
E-27

TYPE KPB

For Copper

UL467 Listed for direct burial in earth or concrete. UL486 listed. This exclusive BURNDY® design accommodates #10 - #4 copper where continuous conductor runs are preferable.





Catalog Number	Range	Stud Hole
KPB4CG1	#10 - #4 CU	#10 [1]

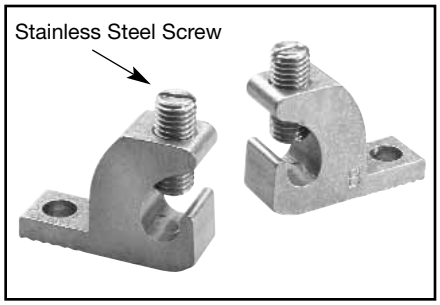
1. To be assembled with TMH322SS stainless steel hardware kit. Ordered separately.

TYPE CL50-1

COPPER LAY-IN QIKLUG™

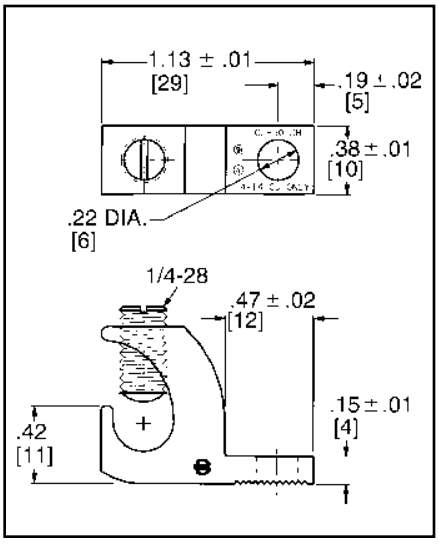
For Copper

The Lay-In QIKLUG™ is manufactured from high strength pure electrolytic copper to ensure maximum strength and conductivity. UL467 Listed for direct burial in earth or concrete. The open-faced design allows for fast lay-in of the conductor without the need for cutting or breaking.



Catalog Number	Wire Range Copper	Stud Hole
CL50-1	#14 - #4 CU	#10
CL50-1TN*	#14 - #4 CU	#10

*-TN Version is tin plated. Commonly used for solar panel grounding.



Blue highlighted items are industry standard and most frequently ordered.

New! Rebar to Wire UL Listed and CSA Certified for Direct Burial

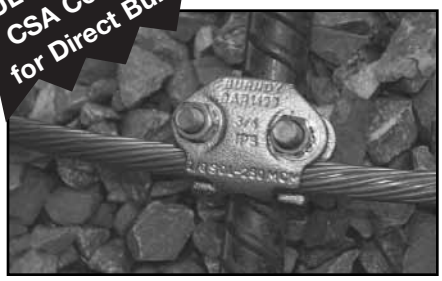
TYPE GAR

- Wire to Rebar
- Fence Post Grounding Connector
- Wire to Pipe

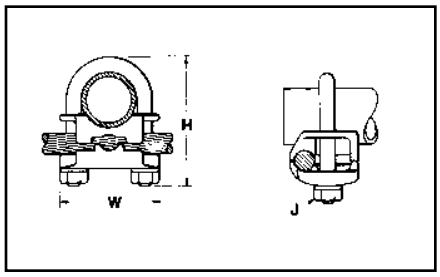
For Parallel or 90° Copper Cable Connection to Rod or Pipe with the Same Connector

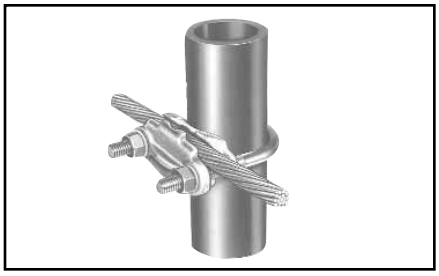
High copper alloy ground connector for joining a range of cable, parallel or at right angles to rod or tube. Especially good for fence posts. High copper alloy cast body with DURIUM™ U-bolts, nuts and lockwashers, permit entire connection to be buried in ground or concrete without danger of corrosion.

- One-wrench installation.
- UL467 Listed.
- Acceptable for direct burial.

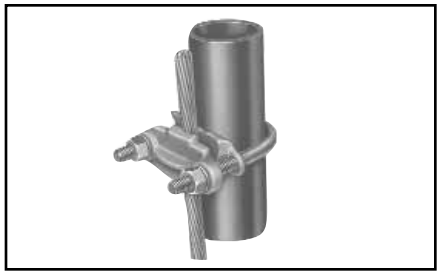


Wire to Rebar





Wire at Right Angle to Pipe



Wire Parallel to Pipe

Catalog Number	Conductor				H	J	W
	Tube I.P.S.	Rod Size or O.D. Range	Rebar Size	Cable			
GAR114C	1/4	1/2	—	8 Sol. - 4 Str.	2-1/2	3/8	1-7/8
GAR1126				4 Sol. - 2/0 Str.			
GAR1129				2/0 Sol. - 250			
GAR644C	3/8	5/8 - 3/4	#5 (5/8″) - #6 (3/4″)	8 Sol. - 4 Str.	2-7/8		2-1/8
GAR6426				4 Sol. - 2/0 Str.			
GAR6429				2/0 Sol. - 250			
GAR6434				300 - 500	3-1/2	1/2	2-1/2
GAR144C	1/2 - 3/4	7/8 - 1	#7 (7/8″) - #8 (1″)	8 Sol. - 4 Str.	2-3/4	3/8	2-3/8
GAR1426				4 Sol. - 2/0 Str.	3		
GAR1429				2/0 Sol. - 250			
GAR1434				300 - 500	3-3/4	1/2	2-3/4
GAR154C	1	1-1/8 - 1-1/4	#9 (1-1/8″) - #10 (1-1/4″)	8 Sol. - 4 Str.	2-7/8	3/8	2-5/8
GAR1526				4 Sol. - 2/0 Str.			
GAR1529				2/0 Sol. - 250	3-3/8		
GAR1534				300 - 500	4-1/2	1/2	
GAR164C	1-1/4	1-3/8 - 1-1/2	#11 (1-3/8″)	8 Sol. - 4 Str.	3-1/2	3/8	3
GAR1626				4 Sol. - 2/0 Str.			
GAR1629				2/0 Sol. - 250			
GAR1634				300 - 500	4-1/4	1/2	3-3/8
GAR174C	1-1/2	1-5/8 - 1-7/8	—	8 Sol. - 4 Str.	4	3/8	3-1/4
GAR1726				4 Sol. - 2/0 Str.			
GAR1729				2/0 Sol. - 250			
GAR1734				300 - 500	4-5/8	1/2	2-5/8
GAR184C	2	2 - 2-3/8	—	8 Sol. - 4 Str.	4-1/4	3/8	3-3/4
GAR1826				4 Sol. - 2/0 Str.			
GAR1829				2/0 Sol. - 250	4-1/2		
GAR1834				300 - 500	5-1/4	1/2	4-1/8
GAR194C	2-1/2	2-1/2 - 2-7/8	—	8 Sol. - 4 Str.	5	3/8	4-1/4
GAR1926				4 Sol. - 2/0 Str.			
GAR1929				2/0 Sol. - 250			
GAR1934				300 - 500	5-5/8	1/2	4-5/8

Blue highlighted items are industry standard and most frequently ordered.

TYPE GAR
(Continued)

FENCE POST GROUNDING CONNECTOR

Catalog Number	Conductor			H	J	W
	Tube I.P.S.	Rod Size or O.D. Range	Cable			
GAR204C	3	3 - 3-1/2	8 Sol. - 4 Str.	5-5/8	3/8	4-3/4
GAR2026			4 Sol. - 2/0 Str.			
GAR2029			2/0 Sol. - 250			
GAR2034			300 - 500	6-3/8	1/2	5-1/4
GAR214C	3-1/2	3-1/2 - 4	8 Sol. - 4 Str.	6-1/4	3/8	5-3/8
GAR2126			4 Sol. - 2/0 Str.			
GAR2129			2/0 Sol. - 250			
GAR2134			300 - 500	6-3/4	1/2	5-3/4
GAR224C	4	4 - 4-1/2	8 Sol. - 4 Str.	6-3/8	3/8	5-7/8
GAR2226			4 Sol. - 2/0 Str.			
GAR2229			2/0 Sol. - 250			
GAR2234			300 - 500	6-7/8	1/2	6-1/4
GAR244C	5	—	8 Sol. - 4 Str.	7-3/4	3/8	6-7/8
GAR2426			4 Sol. - 2/0 Str.			
GAR2429			2/0 Sol. - 250		1/2	7-1/4
GAR2434			300 - 500	8-5/8		
GAR8629	6	—	2/0 Sol. - 250	8-13/16	1/2	8-3/8

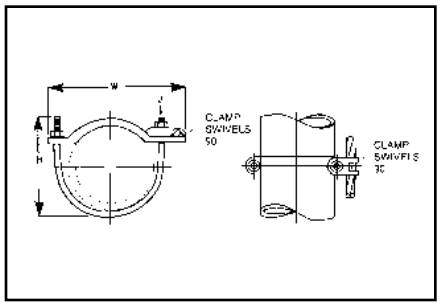
Contact BURNDY® for additional pipe and wire size combinations not shown.

TYPES GAR-BU AND GAR3902 SERIES

GROUND CONNECTORS

Type GAR-BU is a high-conductivity copper ground connector for connecting a small to medium range copper ground conductor to water pipe as well as structural and reinforcing rod shapes. Universal acceptance of several sizes of cylindrical shapes makes this suitable for industrial construction and maintenance work as well as cathodic protection. Cable clamp swivels to permit parallel grounding of one pipe or 90° degree cable run for grounding several parallel pipes. Single wrench installation. UL467 Listed and CSA certified.





Features and Benefits

- Cable clamp swivels at 90°.
  - ◇ Permits parallel grounding of one pipe or a 90° cable run for grounding several parallel pipes.
- One-wrench installation.
  - ◇ Simplified installation.
- DURIUM™ silicon bronze hardware (-BU Series)*.
  - ◇ Long lasting corrosion resistance and acceptable for direct burial in earth or concrete.
- UL467 Listed.
  - ◇ Provides quality assurance to recognized industry NEC standards from an independent party.

Catalog Number *	Cable Range	IPS Size	O.D. Range	H	J	W	Recommended Tightening Torque
GAR3902-BU	#4 - 4/0 AWG	1/2″ - 1″	.840 - 1.32	3.50	3/8″ - 16	3.25	240 in. - lbs.
GAR3903-BU		1-1/4″ - 2″	1.66 - 2.38	4.00		4.25	
GAR3904-BU		2-1/2″ - 3-1/2″	2.88 - 4.00	6.50		6.00	
GAR3905-BU		4″ - 5″	4.50 - 5.56	7.50		7.50	
GAR3906-BU		6″	6.62	8.50		8.62	
GAR3907-BU		8″	8.62	10.00		10.62	
GAR3908-BU		10″	10.75	12.00		12.75	
GAR3909-BU		12″	12.75	14.00		14.75	
GAR3902	#4 - 4/0 AWG	1/2″ - 1″	.840 - 1.32	3.50	3/8″ - 16	3.25	240 in. - lbs.
GAR3903		1-1/4″ - 2″	1.66 - 2.38	4.00		4.25	
GAR3904		2-1/2″ - 3-1/2″	2.88 - 4.00	6.50		6.00	
GAR3905		4″ - 5″	4.50 - 5.56	7.50		7.50	
GAR3906		6″	6.62	8.50		8.62	
GAR3907		8″	8.62	10.00		10.62	
GAR3908		10″	10.75	12.00		12.75	
GAR3909		12″	12.75	14.00		14.75	

* Type GAR-BU is supplied with DURIUM™ silicon bronze hardware and is listed for direct burial.

TYPE GAR-RB

For Reinforcement Bar

Catalog Number	Rebar	IPS Size	O.D. Range	Rod	Copper Conductor	
					Min.	Max.
GAR644C-RB	#3 - 6 (.375 - .750)	3/8	.625 - .75	5/8 - 3/4	8 Sol.	4 Str.

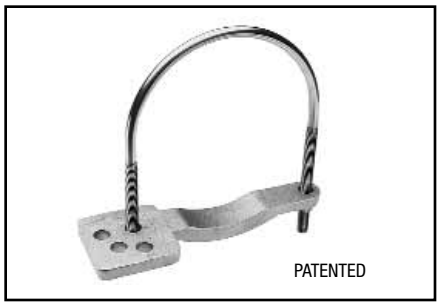
UL467 listed for direct burial in earth or concrete.

Blue highlighted items are industry standard and most frequently ordered.

TYPE GAR-TC

WATER PIPE GROUND CONNECTOR

Type GAR-TC is a high-conductivity copper ground connector that features a pre-drilled pad, allowing a 2-hole compression terminal to be directly connected to water pipe as well as structural and reinforcing rod shapes. Universal acceptance of several sizes of cylindrical shapes makes this suitable for industrial construction and maintenance work as well as telecommunications grounding. Terminal may be mounted parallel, 45° or 90° degrees to the pipe. Acceptable for direct burial.



Features and Benefits

- Large, smooth connector contact area between pipe and ground clamp
  - ◇ Provides large surface contact area to maximize contact area between connector and pipe.
- The GAR-TC mounting pad permits parallel, 45° or 90° angle connections to the pipe.
  - ◇ Provides maximum flexibility for field installation.
- Pre-drilled pad for (2) 3/8″ bolts on 1″ centers.
  - ◇ Allows direct mounting of (2) hole compression terminals up to 750 kcmil to pipe.
- DURIUM™ silicon bronze hardware.
  - ◇ Provide long lasting corrosion resistance acceptable for direct burial in earth or concrete.
- One-wrench installation.
  - ◇ Simplified installation.
- UL467 Listed.
  - ◇ Provides quality assurance to recognized industry NEC standards from an independent party. Type GAR-TC is acceptable for direct burial

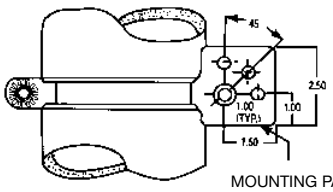


Fig. 1 MOUNTING PAD FOR (2) 3/8″ BOLTS - 1″ L

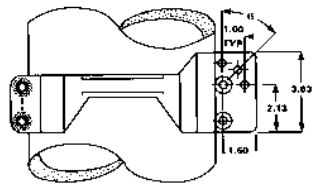
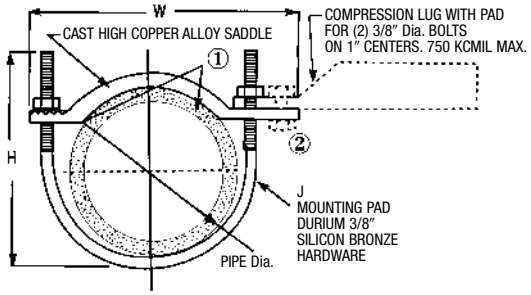


Fig. 2



Catalog Number	Fig. No.	Accommodates I.P.S.	Accommodates O.D. Size	H	J	W	Recomended Tightening Torque
GAR3902TC	1	1/2″ - 1″	.840 - 1.32	3.50	3/8″ - 16	3.75	240 in.-lbs.
GAR3903TC	1	1-1/4″ - 2″	1.66 - 2.38	4.00		4.75	
GAR3904TC	1	2-1/2″ - 3-1/2″	2.88 - 4.00	6.50		6.50	
GAR3905TC	1	4″ - 5″	4.50 - 5.56	7.50		8.00	
GAR3906TC	1	6″	6.62	8.50		9.12	
GAR3907TC	2	8″	8.62	10.00	3/8″ - 16	11.25	240 in.-lbs.
GAR3908TC	2	10″	10.75	12.00		13.25	
GAR3909TC	2	12″	12.75	14.00		15.25	

① Add suffix "-TNET" for electro-tin plated connector and electro-tin plated DURIUM™ silicon bronze hardware. Tin plated catalog number includes mounting hardware for second bolt hole.

② TMH-289 includes (1) 38 x 125 HEB, (1) 38 CHEN, (1) 38 SW and (2) 38 FW. Order separately.

NOTE: Clean pipe surface beneath saddle until virgin metal is exposed, install GAR-TC ground connector and for maximum conductivity, apply PENETROX® E oxide inhibiting compound around perimeter of the saddle.

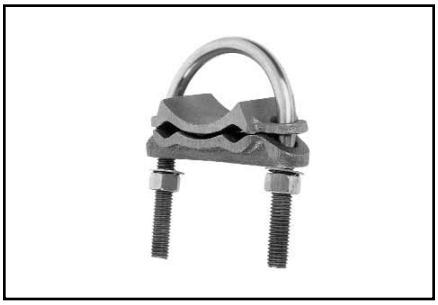
Blue highlighted items are industry standard and most frequently ordered.

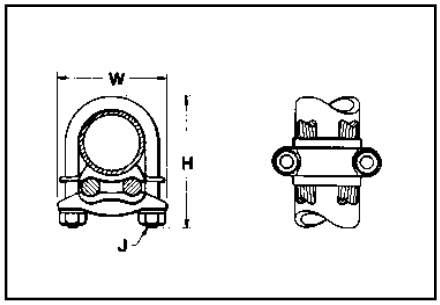
TYPE GD

CABLE TO ROD/TUBE GROUND CONNECTOR

For Two Copper Cables to Rod or Tube

High copper alloy ground connector for joining a range of two parallel cables to rod or pipe. Especially good for grounding fence posts. High copper alloy cast body with DURIUM™ U-bolts, nuts, and lockwashers make the GD suitable for burial in ground or concrete. One-wrench installation. UL467 Listed. Acceptable for direct burial in earth or concrete.





Catalog Number	Conductor			H	J	W
	Tube I.P.S.	Rod Size or O.D. Range	Cable			
GD1526	1	1-1/8 - 1-1/4	4 Sol. - 2/0 Str.	3-3/8	3/8	2-5/8
GD1529			2/0 Sol. - 250			
GD1626	1-1/4	1-3/8 - 1-1/2	4 Sol. - 2/0 Str.	3-1/2		3
GD1629			2/0 Sol. - 250			3-1/4
GD174C	1-1/2	1-5/8 - 1-7/8	8 Sol. - 4 Str.	4		
GD1726			4 Sol. - 2/0 Str.			
GD1729			2/0 Sol. - 250			
GD1734			300 - 500	4-5/8	1/2	3-5/8
GD184C	2	2 - 2-3/8	8 Sol. - 4 Str.	4-3/8	3/8	3-3/4
GD1826			4 Sol. - 2/0 Str.			
GD1829			2/0 Sol. - 250			
GD1834			300 - 500	5-3/8	1/2	4-1/8
GD194C	2-1/2	2-1/2 - 2-7/8	8 Sol. - 4 Str.	5	3/8	4-1/4
GD1926			4 Sol. - 2/0 Str.			
GD1929			2/0 Sol. - 250			
GD1934			300 - 500		1/2	4-5/8
GD204C	3	3 - 3-1/2	8 Sol. - 4 Str.	5-5/8	3/8	4-7/8
GD2026			4 Sol. - 2/0 Str.			
GD2029			2/0 Sol. - 250			
GD2034			300 - 500	6-3/8	1/2	5-1/4
GD214C	3-1/2	3-1/2 - 4	8 Sol. - 4 Str.	6-1/4	3/8	5-3/8
GD2126			4 Sol. - 2/0 Str.			
GD2129			2/0 Sol. - 250			
GD2134			300 - 500	6-7/8	1/2	5-3/4
GD224C	4	4 - 4-1/2	8 Sol. - 4 Str.	6-3/8	3/8	5-7/8
GD2226			4 Sol. - 2/0 Str.			
GD2229			2/0 Sol. - 250			
GD2234			300 - 500	6-7/8	1/2	6-1/4

Complies with NFPA 78-86 HEAVY DUTY stacks.
(Order: LD for lead plating for HEAVY DUTY stack applications.)

Blue highlighted items are industry standard and most frequently ordered.

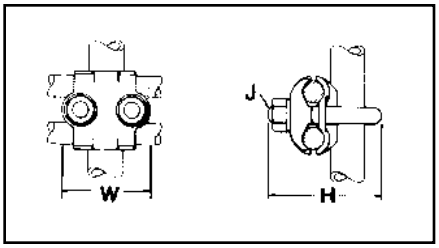
TYPE GP

GROUND CONNECTOR

For Two Copper Cables
to Rod or Pipe

High copper alloy ground connector for joining a range of parallel cables perpendicular to rod, pipe or column. Also used with one groove for run, the other for tap to equipment. High copper alloy cast body and DURIUM™ U-bolts, nuts, and lockwashers make the GP suitable for direct burial in the ground or concrete. One-wrench installation. UL467 Listed. Acceptable for direct burial in earth or concrete.





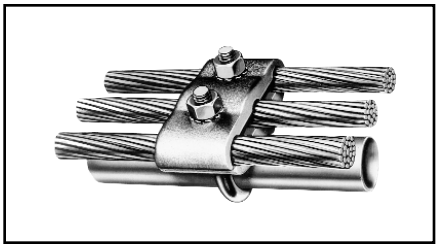
Catalog Number	Conductor			H	J	W
	Tube I.P.S.	Rod Size or O.D. Range	Cable			
GP114C	1/4	1/2	8 Sol. - 4 Str.	2-1/2	3/8	1-7/8
GP1126			4 Sol. - 2/0 Str.			
GP1129			2/0 Sol. - 250			
GP644C	3/8	5/8 - 3/4	8 Sol. - 4 Str.			2-1/8
GP6426			4 Sol. - 2/0 Str.			
GP6429			2/0 Sol. - 250	2-7/8		
GP6434			300 - 500	3-1/2	1/2	2-1/2
GP144C	1/2 - 3/4	7/8 - 1	8 Sol. - 4 Str.	2-3/4	38	2-3/8
GP1426			4 Sol. - 2/0 Str.	3		
GP1429			3/0 Sol. - 250			
GP1434			300 - 500	3-3/4	1/2	2-3/4
GP164C	1-1/4	1-5/8	8 Sol. - 4 Str.	3-1/2	3/8	3
GP1629			2/0 Sol. - 250			
GP1726	1-1/2	1-7/8	4 Sol. - 2/0 Str.	4		3-1/4
GP184C	2	2-3/8	8 Sol. - 4 Str.	4-1/8		3-11/16
GP1826			4 Sol. - 2/0 Str.	4-3/8		
GP2026	3	3-1/2	4 Sol. - 2/0 Str.	5-1/2		4-13/16
GP2226	4	4-1/2	4 Sol. - 2/0 Str.	6-3/8		5-13/16

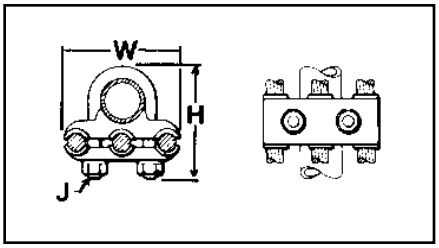
TYPE GK

GROUND CONNECTOR

For Three Copper Cables
to Rod or Pipe

High copper alloy ground connector for joining three equal cables to rod or tube. Cable grooves take a wide range of cable. High copper alloy cast body and DURIUM™ U-bolts, nuts, and lockwashers make the GK suitable for direct burial in soil or concrete. One-wrench installation. UL467 Listed. Acceptable for direct burial in earth or concrete.





Catalog Number	Conductor			H	J	W
	Tube I.P.S.	Rod Size or O.D. Range	Cable			
GK114C	1/4	1/2	8 Sol. - 4 Str.	2-1/2	3/8	2-1/2
GK1126			4 Sol. - 2/0 Str.			2-3/4
GK1129			2/0 Sol. - 250		1/2	3-3/8
GK644C	3/8	5/8 - 3/4	8 Sol. - 4 Str.	2-7/8	3/8	2-5/8
GK6426			4 Sol. - 2/0 Str.			3
GK6429			2/0 Sol. - 250		1/2	3-1/2
GK6434			300 - 500	3-1/2		4
GK1426	1/2 - 3/4	7/8 - 1	4 Sol. - 2/0 Str.	2-3/4	38	3-1/4
GK1429			2 Sol. - 250	3-3/4	1/2	3-7/8
GK1434			300 - 500			4-3/8
GK1526	1	1-1/8 - 1-1/4	4 Sol. - 2/0 Str.	3-3/8	3/8	3-1/2
GK1529			2/0 Sol. - 250	3-3/4	1/2	4-1/8
GK1626	1-1/4	1-3/8 - 1-1/2	4 Sol. - 2/0 Str.	3-1/2	3/8	3-7/8
GK1629			2/0 Sol. - 250	4-1/4	1/2	4-1/2
GK1726	1-1/2	1-5/8 - 1-7/8	4 Sol. - 2/0 Str.	4	3/8	4-1/8
GK1729			2/0 Sol. - 250	4-5/8	1/2	4-3/4
GK1826	2	2 - 2-3/8	4 Sol. - 2/0 Str.	4-1/4	3/8	4-5/8
GK1829			2/0 Sol. - 250	4-3/8	1/2	5-1/8
GK1926	2-1/2	2-1/2 - 2-7/8	4 Sol. - 2/0 Str.	5	3/8	5-1/8
GK1929			2/0 Sol. - 250	5	1/2	5-5/8

Blue highlighted items are industry standard and most frequently ordered.

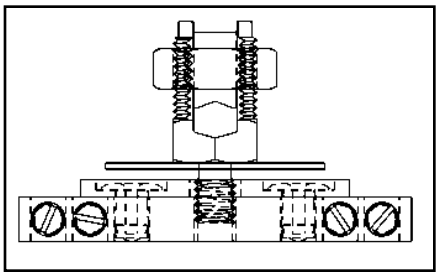
TYPE BDT

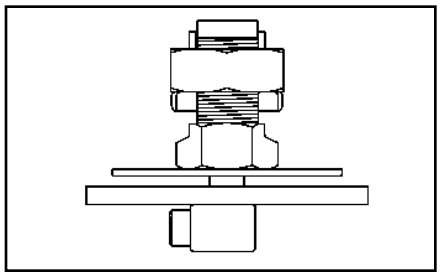
BONDIT™ INTERSYSTEM BONDING CONNECTOR

House Mounted or
Meter Socket Mounted

Designed to meet the requirements of 2008 NEC Article 250.94 “Bonding for Other Systems.” Corrosion-resistant stainless steel set screws. Accepts main ground wire (#2-#8) and up to 4 intersystem wires (#6-#14). Same design can be mounted directly to the meter socket or mounted to the house. Innovative design does not damage meter socket and will not void warranty.

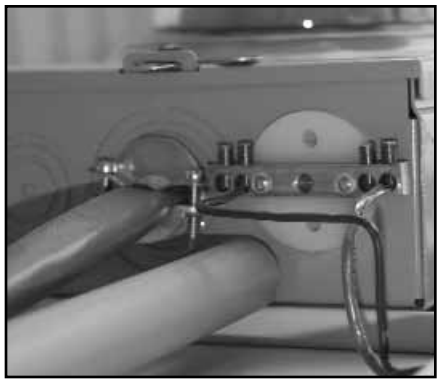
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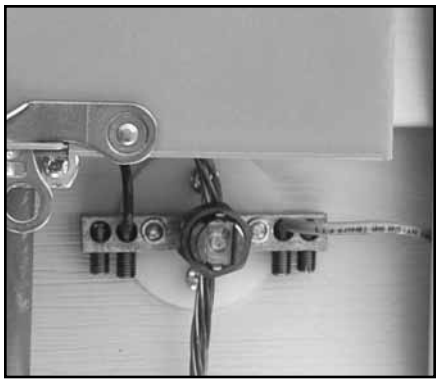




Features & Benefits

- Made in the USA!
- Meets Intersystem Bonding Requirements: NEC2008 250.94
- One connector does it all
- House mount or meter socket mount
- Incorporates proven BURNDY® SERVIT POST™ design
- Stainless steel set screws
- Accepts main ground wire (#2-#8), up to 4 intersystem wires (#6-#14)
- Easily mounts to meter box during new installation or can be wall mounted
- Easy to follow instructions included
- Does not damage meter socket; no worries about damaging the paint or voiding warranties
- Easily installed with a wrench and screwdriver
- Open design prevents buildup of hornets, bees, spiders



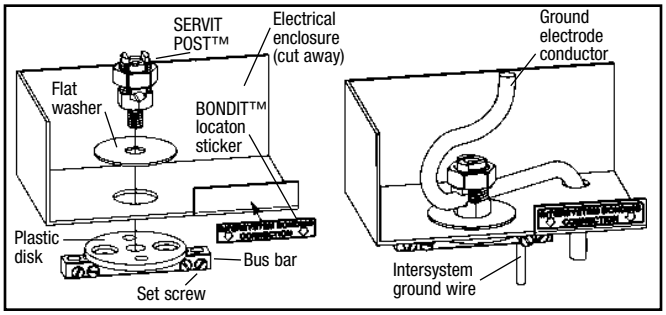


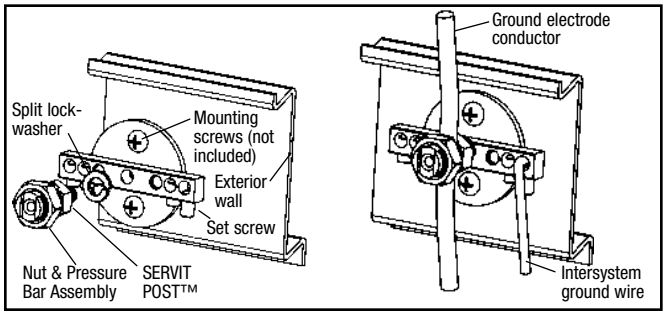
CONFIGURATION 1 —MOUNTED TO ENCLOSURE

1. Punch out a 1/2″ or 3/4″ knock out on the electrical enclosure.
2. Begin assembly by installing the ground electrode conductor in the SERVIT POST™ inside the electrical enclosure. Torque on SERVIT® nut: 275 in-lb max.
3. Install the rest of the connector as shown in figure 1 below, it is not necessary for the bus bar to be aligned parallel with the enclosure. (Note: the split washer is not used in this configuration.)
4. Tighten the intersystem ground wires with set screws in the bus bar to a maximum torque of 35 in-lb.
5. Adhere the BONDIT™ location sticker to the front of the electrical enclosure.

CONFIGURATION 2 — MOUNTED TO EXTERIOR WALL

1. Begin by assembling the connector as shown in figure 2 below. Be sure SERVIT POST™ is as tight as it can be while its groove is aligned with the ground electrode conductor. (Note: the flat washer is not used in this configuration.)
2. Use two mounting screws (not included) to secure the connector to the exterior wall so that the set screws in the bus bar face downward.
3. Install the ground electrode conductor into the SERVIT POST™ while turning the nut/pressure bar assembly to a maximum torque of 275 in-lb. (use 2 wrenches if necessary).
4. Tighten the intersystem ground wires with the set screws in the bus bar to a maximum torque of 35 in-lb.
5. If hidden from view, use the BONDIT™ location sticker to indicate the location.

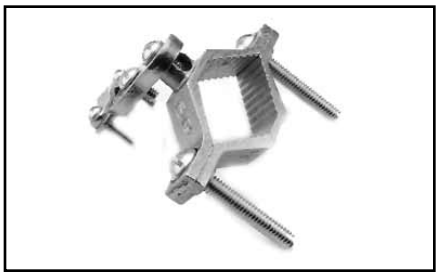




Blue highlighted items are industry standard and most frequently ordered.

CAST BRONZE CLAMPS FOR CONDUIT

Pressure bar type conduit hub adjusts for 1/2″, 3/4″ EMT or 1/2″ rigid conduit. Hub swings 360° for easy alignment. Zinc plated hardware.



Catalog Number	Accommodates Conductor Range			Reference Dimensions			Recommended Screw Torque (Inch Pounds)	
	Water Pipe	Ground	Hub Size	H	L	W	Pipe Clamp	Wire Clamp
C-11JPT	1/2 - 1 [13 - 25]	10 - 6 Sol.	1/2 [13]	2.07 [53]	3.19 [81]	2.70 [69]	50 in.-lb.	50 in.-lb.
C-22JPT	1-1/4 - 2 [32 - 51]			2.70 [69]	3.83 [97]			
C-4JPT	2-1/2 - 4 [64 - 102]			4.39 [112]	5.15 [131]			

CAST BRONZE GROUND CLAMPS

For connecting grounding conductor to water pipe or copper tube. “D” indicates UL467 Listed for direct burial in earth and concrete and are supplied with silicon bronze hardware. “B” indicates brass hardware.



Catalog Number	Accommodates Conductor Range			Reference Dimensions				Recommended Screw Torque (Inch Pounds)	
	Water Pipe	Rebar	Ground	H	L	W	C	Pipe Clamp	Wire Clamp
C-11N	1/2 - 1 [13 - 25]	—	10 - 2 Str.	1.81 [46]	2.25 [56]	.63 [16]	.63 [16]	50 in.-lb.	50 in.-lb.
C-11D		#4 - #8							
C-11B									
C-22 *	1-1/4 - 2 [32 - 51]	—	10 - 2 Str.	2.38 [60]	3.63 [92]	.75 [19]	1.00 [25]		
C-22D									
C-4 *	2-1/2 - 4 [64 - 114]		10 - 2 Str.	4.13 [105]	6.25 [159]	.96 [24]	1.88 [48]		
C-8 *	4-1/2 - 6 [114 - 165]		10 - 2 Str.	4.29 [109]	8.34 [212]	1.25 [32]	1.88 [48]		

* Catalog numbers C-22, C-4, and C-8 are supplied with zinc plated steel hardware.

BUDGET PRICE CAST BRONZE GROUND CLAMP

Similar to above but lighter duty.

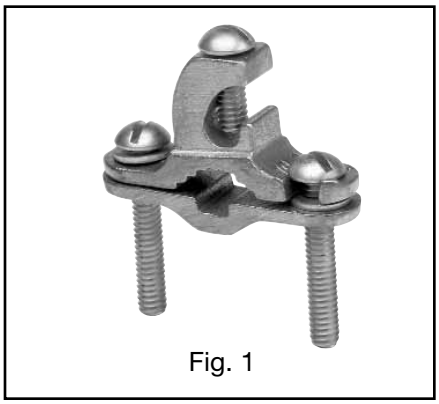
Catalog Number	Accommodates Conductor Range			Reference Dimensions				Recommended Screw Torque (Inch Pounds)	
	Water Pipe	Rebar	Ground	H	L	W	C	Pipe Clamp	Wire Clamp
C-5 (JUNIOR)	1/2 - 1 [13 - 25]	—	10 - 2 Str.	1.56 [40]	2.25 [56]	.56 [14]	.50 [13]	50 in.-lb.	50 in.-lb.

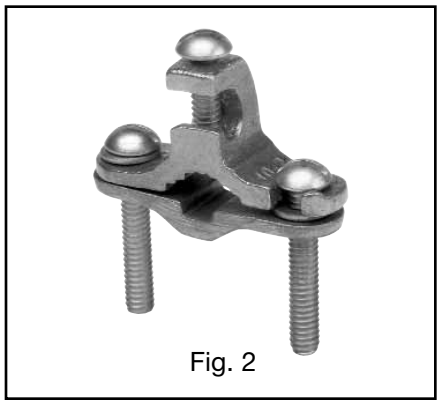
Blue highlighted items are industry standard and most frequently ordered.

CAST BRONZE GROUND CLAMPS

With Lay-in Feature

For connecting grounding conductor to water pipe, copper tube, ground rod or rebar. The open face design allows for fast lay-in of the tap conductor without the need for cutting. Simply reverse bottom clamp for smaller size rebar or rod. Connectors are provided with Silicon Bronze hardware.


Fig. 1


Fig. 2

Catalog Number	Fig. #	Accommodates Conductor Range				Reference Dimensions			Recommended Screw Torque (Inch Pounds)
		Main			Tap				
		Water Pipe	Rebar	Ground Rod	Ground	H	L	W	
C11K16D	Fig. 1	1/2″ - 1″ [13 - 25]	#4 - #6	3/8″ - 1″	#10 - #2 Str.	1.64″	2.28″	0.66″	50 in.-lbs.
C11K17D	Fig. 2								

DIE CAST CLAMPS

Die cast zinc with zinc plated screws.



Catalog Number	Accommodates Conductor Range		Reference Dimensions				Recommended Screw Torque (Inch Pounds)	
	Water Pipe	Ground	H	L	W	C	Pipe Clamp	Wire Clamp
CZ-11	1/2″ - 1″ [13 - 25]	10 - 2 Str.	1.56″ [40]	2.25″ [56]	.56″ [14]	.50″ [13]	50 in.-lb.	50 in.-lb.

Blue highlighted items are industry standard and most frequently ordered.

CAST BRONZE CLAMPS

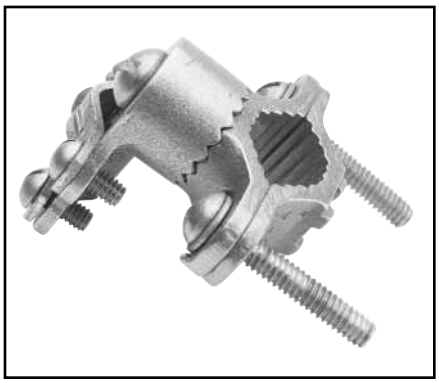
To connect armored cable to water pipe. Zinc plated screws. Pressure bar grips armor or outer cable insulation. 360° swing hub for easy alignment.



Catalog Number	Accommodates Conductor Range		Reference Dimensions			Recommended Screw Torque (Inch Pounds)	
	Water Pipe	Armored Conductor	H	L	W	Pipe Clamp	Wire Clamp
C-11JA	1/2 - 1 [13 - 25]	10 - 6 Sol.	1.38 [35]	3.05 [77]	1.41 [36]	50 in.-lb.	50 in.-lb.
C-22JA	1-1/4 - 2 [32 - 51]		2.60 [66]	3.69 [94]			
C-4JA	2-1/2 - 4 [64 - 102]		4.29 [109]	5.01 [128]			

CAST BRONZE GROUND CLAMPS

For connecting grounding conductor, EMT or rigid conduit to water pipe, copper tube, ground rod or rebar. Hub swings 360° for easy alignment. Simply reverse bottom clamp for smaller size rebar or rod. Connectors are provided with Silicon Bronze hardware.



Catalog Number	Accommodates Conductor Range				Reference Dimensions			Recommended Screw Torque (Inch Pounds)
	Main			Tap				
	Water Pipe	Rebar	Ground Rod	Ground	H	L	W	
C11HD4/0DB	1/2″ - 1″ [13 - 25]	#4 - #6	3/8″ - 1″	#8 - 4/0 AWG	2.25	2.65	1.56	50 in.-lbs.
C22HD4/0DB	1-1/4″ - 2″ [32 - 51]	—	—	#8 - 4/0 AWG	2.70	3.60	1.56	50 in.-lbs.

Blue highlighted items are industry standard and most frequently ordered.

CAST BRONZE CLAMPS

For connecting armored cable to water pipe. Zinc plated screws. “D” indicates UL467 for direct burial in earth and concrete, supplied with silicon bronze hardware.



Catalog Number	Accommodates Conductor Range			Reference Dimensions				Recommended Screw Torque (Inch Pounds)	
	Water Pipe	Ground	Ground Clamp	H	L	W	C	Pipe Clamp	Wire Clamp
C-6	1/2 - 1 [13 - 25]	10 - 2 Str.	Bare Armored Unarmored Wire Cables or Cords	1.60 [41]	2.34 [59]	1.06 [27]	.63 [16]	50 in.-lb.	50 in.-lb.
C-6D									
C-7	1-1/4 - 2 [32 - 51]	10 - 2 Str.		2.38 [60]	3.62 [92]	.94 [24]	1.00 [25]		

Blue highlighted items are industry standard and most frequently ordered.

CAST BRONZE CLAMP FOR RIGID CONDUIT

For grounding rigid conduit systems. Zinc plated screws.



Catalog Number	Accommodates Conductor Range			Reference Dimensions				Recommended Screw Torque (Inch Pounds)	
	Water Pipe	Ground	Hub Size	H	L	W	C	Pipe Clamp	Wire Clamp
C-61	1/2 - 1 [13 - 25]	#6 Sol. Max.	1/2 [13]	2.07 [53]	2.34 [59]	1.34 [34]	1.06 [27]	50 in.-lb.	50 in.-lb.
C-66	1-1/4 - 2 [32 - 51]			2.69 [68]	3.62 [92]	1.34 [34]	1.40 [36]		

CAST BRONZE CLAMPS FOR CONDUIT

For grounding rigid conduit systems. Continuity from rigid conduit systems to ground provided by cast bronze threaded conduit hub. Zinc plated screws.



-2, -3 Versions*

Catalog Number	Accommodates Conductor Range			Reference Dimensions				Recommended Screw Torque (Inch Pounds)	
	Water Pipe	Ground	Hub Size	H	L	W	C	Pipe Clamp	Wire Clamp
C-11LH-1	1/2 - 1 [13 - 25]	10 Str. - 6 Sol.	1/2 [13]	2.25 [57]	3.23 [83]	.69 [18]	.97 [25]	50 in.-lb.	50 in.-lb.
C-22LH-1	1-1/4 - 2 [32 - 51]			2.88 [73]	3.50 [89]		1.34 [34]		
C-4LH-1	2-1/2 - 4 [54 - 102]			4.56 [116]	4.82 [122]		2.44 [62]		
C-11LH-2	1/2 - 1 [13 - 25]	2/0 - 10 Str.	3/4 [19]	2.56 [65]	2.86 [73]	1.00 [25]	1.13 [29]		
C-22LH-2	1-1/4 - 2 [32 - 51]			3.19 [65]	3.50 [89]		1.50 [38]		
C-4LH-2	2-1/2 - 4 [64 - 102]			4.88 [124]	4.82 [122]		2.38 [60]		
C-11LH-3	1/2 - 1 [13 - 25]	3/0 - 10 Str.	1 [25]	2.69 [68]	2.86 [73]	1.13 [29]	1.19 [30]		
C-22LH-3	1-1/4 - 2 [32 - 51]			3.32 [59]	3.50 [89]		1.56 [40]		
C-4LH-3	2-1/2 - 4 [63 - 102]			5.01 [127]	4.82 [122]		2.44 [62]		

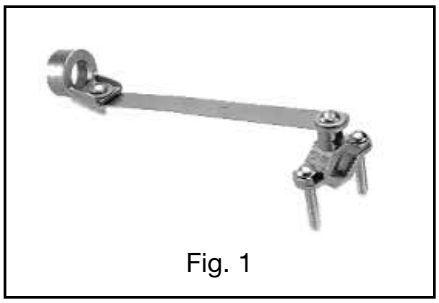
* C-LH parts ending in "-1" have one screw and a washer, not shown. C-LH parts ending in "-2" or "-3" have two screws as shown.

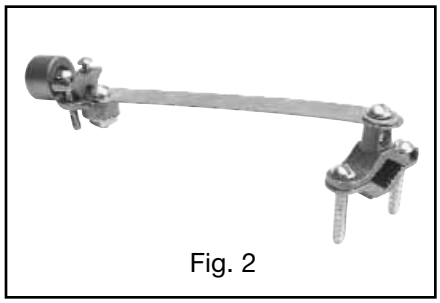
Blue highlighted items are industry standard and most frequently ordered.

CAST BRONZE CLAMP WITH COPPER STRAP

For grounding rigid conduit systems. Strap helps protect conduit system from water system vibrations. Zinc plated screws. Strap ETP copper.

E-40


Fig. 1


Fig. 2

Catalog Number	Fig. #	Accommodates Conductor Range			Reference Dimensions					Recommended Screw Torque (Inch Pounds)	
		Water Pipe	Ground	Hub Size	H	L	W	C	D	Pipe Clamp	Wire Clamp
C-11CSH-1	Fig. 1	1/2 - 1 [13 - 25]	6 Sol. Max.	1/2 [13]	1.75 [44]	8.50 [216]	1.06 [27]	1.06 [27]	6.12 [155]	50 in.-lb.	50 in.-lb.
C-11CSH-2	Fig. 1		4/0 Str. Max.	3/4 [19]			1.25 [32]	1.50 [38]			
C-11CSH-3	Fig. 1			1 [25]			1.50 [38]	1.75 [44]			
C11CSLH12	Fig. 2		#10 - 2/0 AWG	1/2 [13]			1.18	1.06 [27]			45 in.-lb.

Blue highlighted items are industry standard and most frequently ordered.

TYPE GC-A

DUAL RATED GROUND CLAMP

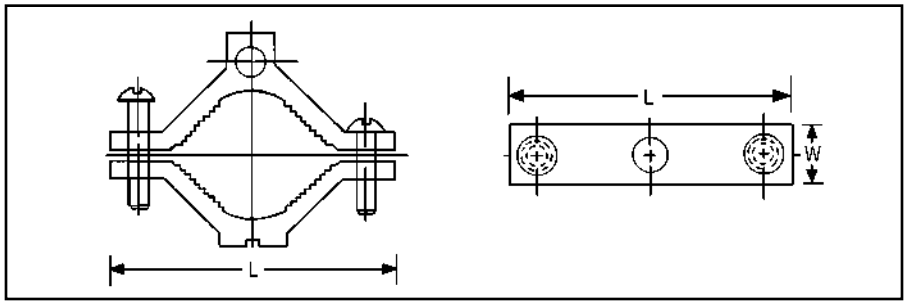
For Copper and Aluminum Cable

GC-A ground clamps are UL Listed for use with either copper or aluminum conductors to copper water pipe, galvanized pipe or steel conduit. All clamps are constructed from tin plated high-strength extruded aluminum alloy. PENETROX™ oxide inhibiting joint compounds are recommended for all aluminum applications.



Features and Benefits

- Clamps are dual rated for both copper and aluminum conductors.
  - ◇ Maximum flexibility of application.
- All connectors are tin plated.
  - ◇ Provide low contact resistance and prevents galvanic corrosion.
- All clamps are range taking.
  - ◇ Only 3 catalog numbers covers complete range of applications from 1/2 - 4 inches.



Catalog Number	Conduit, Pipe, or Water Tube Size	Wire Range	Screw Type	W	L	Hex Size
GC15A	1/2 - 3/4 - 1	1/0 - 14	Slotted	11/16	2-1/4	S
GC18A	1-1/4 - 1-1/2 - 2	250 kcmil - 6	Hex Socket	13/16	3-3/4	5/16
GC22A	2-1/2 - 3 - 3-1/2 - 4	250 kcmil - 6	Hex Socket	1	6-5/16	5/16

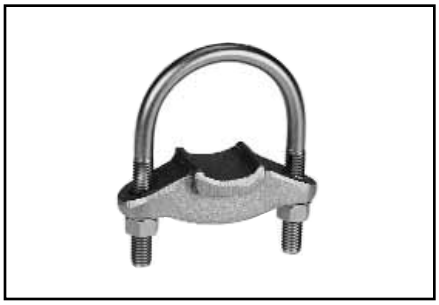
Blue highlighted items are industry standard and most frequently ordered.

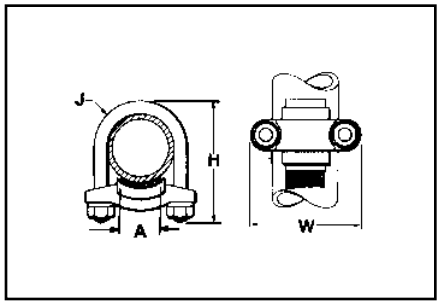
TYPE GG

GROUND CONNECTOR

For Copper Bar, Strap, Braid or Cable to Rod or Tube

High copper alloy ground connector for joining bar, strap, braid or cable to rod or tube. High copper alloy cast body, DURIUM™ U-bolts, nuts and lockwashers make the GG particularly effective for use with braid for ground rods, switch handles, fence posts and gates. One-wrench installation.





Catalog Number	Conductor		A	H	J	W
	Tube I.P.S.	Rod				
GG15-1	1	1-1/8 - 1-1/4	1	3-3/8	3/8	2-5/8
GG16-1	1-1/4	1-3/8 - 1-1/2		3-1/2		3
GG17-1	1-1/2	1-5/8 - 1-7/8				3-1/4
GG17-15			1-1/2			
GG18-1	2	2 - 2-3/8	1	4-1/4		3-3/4
GG18-15			1-1/2			
GG18-2			2	4-3/8	1/2	4-1/8
GG19-2	2-1/2	2-1/2 - 2-7/8		5		4-5/8
GG19-25			2-1/2			
GG20-2	3	3 - 3-1/2	2	6-3/8		5-1/4
GG20-25			2-1/2			
GG20-3			3			
GG21-2	3-1/2	3-1/2 - 4	2	5-7/8		5-3/4
GG21-25			2-1/2			
GG21-3			3			
GG21-35			3-1/2			
GG22-2	4	4 - 4-1/2	2	6-1/2		6-1/4
GG22-25			2-1/2			
GG22-3			3			
GG22-4			4			
GG24-2	5	—	2	7-5/8		7-1/4

See note page E-1

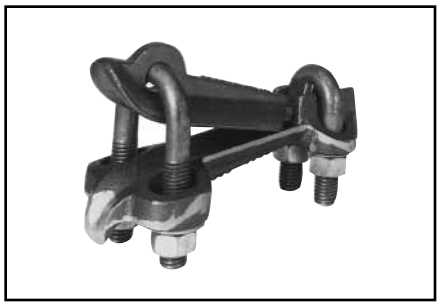
Blue highlighted items are industry standard and most frequently ordered.

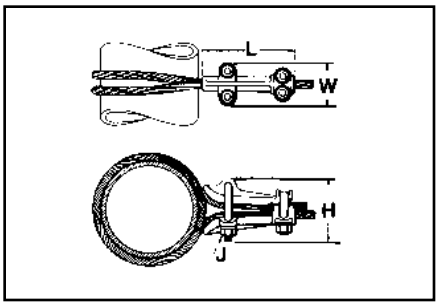
TYPE GQ

GROUND CONNECTOR

For Copper Cable to Tube

High copper alloy ground connector for cross connecting a wide range of cable. High copper alloy, cast body, DURIUM™ U-bolts, nuts, and lockwashers make the GQ suitable for burial in soil or concrete. One-wrench installation. UL467 Listed. Acceptable for direct burial in earth or concrete.





E-43

Catalog Number	Conductor		H	J	L	W
	Tube I.P.S.	Cable				
GQ2626	6″ Max.	4 Str. - 2/0 Str.	4-1/2	1/2	5	2-1/2
GQ26-1	Above 6″		7-1/8			
GQ2929	6″ Max.	2/0 Str. - 250	4-1/8		6	2-3/4
GQ29-1	Above 6″		7-1/2			

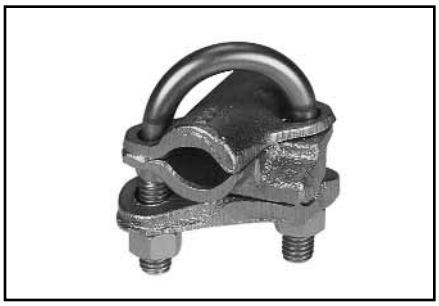
Blue highlighted items are industry standard and most frequently ordered.

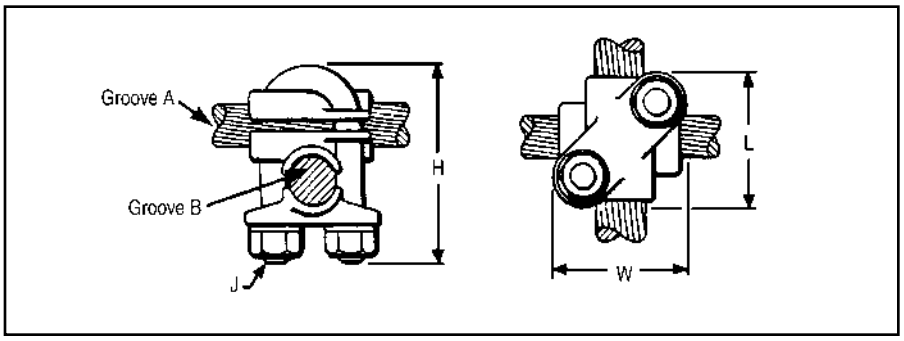
TYPE GX

GROUND CONNECTOR

For Copper Cables

High copper alloy ground connector for cross connecting a wide range of cable. The high copper alloy cast body, DURIUM™ U-bolts, nuts, and lockwashers make the GX suitable for burial in soil or concrete. One-wrench installation. UL467 Listed. Acceptable for direct burial in earth or concrete.





Catalog Number	Conductor		H	J	L	W
	Groove A	Groove B				
GX4C4C	8 Sol. - 4 Str.	8 Sol. - 4 Str.	1-7/8	3/8	1-5/8	1-5/8
GX264C	4 Sol. - 2/0 Str.	8 Sol. - 4 Str.	2-1/2		1-3/4	1-3/4
GX2626		4 Sol. - 2/0 Str.				
GX294C	2/0 Sol. - 250	8 Sol. - 4 Str.	2-3/4		1-7/8	1-7/8
GX2926		4 Sol. - 2/0 Str.				
GX2929		2/0 Sol. - 250				
GX344C	300 - 500	8 Sol. - 4 Str.			2-1/8	
GX3426		4 Sol. - 2/0 Str.				
GX3429		2/0 Sol. - 250				
GX3434		300 - 500	4-1/4	1/2	2-5/8	2-5/8

Blue highlighted items are industry standard and most frequently ordered.

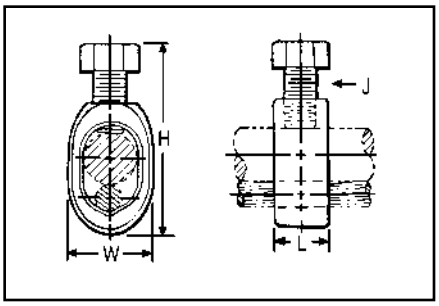
TYPE GRC

HIGH STRENGTH GROUND ROD CLAMP

For Copper Cable to Rod

High copper alloy ground connector for joining a range of cable to copper clad, galvanized steel, and stainless steel ground rods. Slips over end of rod, one-wrench installation. UL467 Listed for direct burial in earth and concrete.





REA LISTED

Catalog Number	Drive Rod	Conductor Range		H	W	L	J
		Min.	Max.				
GRC12	1/2	10 Sol.	2 Str.	2.00	.89	.63	3/8
GRC58	5/8		1 Str.	2.19	.95	.63	
GRC34	3/4	8 Sol.	1/0 Str.	2.47	1.09	.65	

TYPE GCRT1/0 GROUND CONNECTORS

NEW!

GROUND CLAMP RANGE TAKING, UP TO 1/0

The GCRT1/0 is a range taking ground rod clamp offering another choice from the BURNDY® family of connectors. The GCRT1/0 works on 1/2″, 5/8″ and 3/4″ ground rods with a wire range of #8 through 1/0! The clamp is UL467 Listed for direct burial in earth and concrete. Catalog number **GCRT1/0**.



Features and Benefits

- Range taking design helps reduce inventory.
- UL Listed and CSA Certified.
- UL467 Listed for direct burial in earth and concrete.

TYPE GRL

LIGHT DUTY ECONOMICAL GROUND ROD CLAMP

UL467 Listed. Acceptable for direct burial.



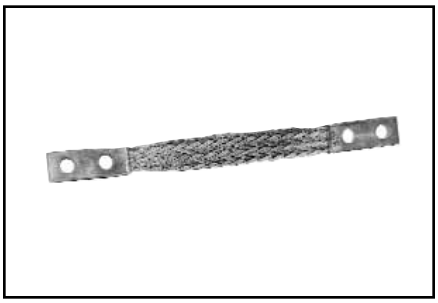
Catalog Number	Rod Size	Conductor Range	
		Minimum	Maximum
GRL3*	3/8	10 AWG	4 AWG
GRL4	1/2	10 AWG	2 AWG
GRL5	5/8	10 AWG	2 AWG
GRL6	3/4	10 AWG	2 AWG

* GRL3 not UL Listed.

Blue highlighted items are industry standard and most frequently ordered.

TYPE B

FLEXIBLE COPPER BRAID

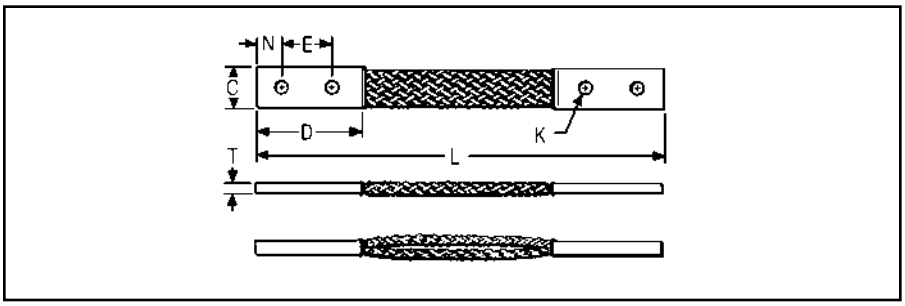


Flexible copper braid jumpers designed to take up linear expansion and contraction, compensate for misalignment and absorb vibratory movement of electrical equipment and devices.

Made of flat extra flexible, tinned, pure copper braid, with unplated, seamless, pure copper ferrules formed into a rectangular shape on each end.

Last two numbers in catalog number indicate total length of braid in inches (e.g., BD12N or BD12 is 12″ long braid jumper).

Other lengths, plating and drilling are available. Refer to factory.



Catalog Number	Number of Braids in Ferrules	C	D	E	K	L	N	T	Approximate Ampere Rating	
									Indoor	Outdoor
BD12 †	1	.94	2.50	1.25	.44	12	.62	.13	190	225
BD12N** †			3.00	1.75	.56	12				
BD18 †			2.50	1.25	.44	18				
BD18N** †			3.00	1.75	.56	18				
BD24 †			2.50	1.25	.44	24				
BD24N** †			3.00	1.75	.56	24				
BE12 †	1	1.50	3.00	1.50	.44	12	.75	.17	340	405
BE12N** †				1.75	.56	12	.62			
BE18 †				1.50	.44	18	.75			
BE18N** †				1.75	.56	18	.62			
BE24 †				1.50	.44	24	.75			
BE24N** †				1.75	.56	24	.62			
BF12 †	1	1.19	3.00	1.50	.44	12	.75	.25	360	430
BF12N** †				1.75	.56	12	.62			
BF18 †				1.50	.44	18	.75			
BF18N** †				1.75	.56	18	.62			
BF24 †				1.50	.44	24	.75			
BF24N** †				1.75	.56	24	.62			
BG12	1	1.50	3.00	1.50	.44	12	.75	.25	415	495
BG12N**				1.75	.56	12	.62			
BG18				1.50	.44	18	.75			
BG18N**				1.75	.56	18	.62			
BG24				1.50	.44	24	.75			
BG24N**				1.75	.56	24	.62			

* This rating may vary with ambient conditions, orientation of the braid and other service conditions.
** Tongue drilled per (2) hole NEMA standard.

Note: All sizes are listed to UL467 and specific sizes (†) are certified to CSA C22.2, No. 41 Grounding and Bonding Equipment Standards. Equivalent sizes may be designated by suffix letters representing variations in length, mounting configurations, pad size and finish. Contact factory for details.

Blue highlighted items are industry standard and most frequently ordered.

TYPE B

FLEXIBLE COPPER BRAID
(Continued)

Catalog Number	Number of Braids in Ferrules	C	D	E	K	L	N	T	Approximate Ampere Rating	
									Indoor	Outdoor
B2D12 †	2	.94	2.50	1.25	.44	12	.62	.25	380	455
B2D12N † **			3.00	1.75	.56	12	.62			
B2E12		1.62	3.00	1.50	.44	12	.75	.25	530	635
B2E12N**			3.00	1.75	.56	12	.62			
B2F12		1.38	3.00	1.50	.44	12	.75	.38	600	720
B2F12N**			3.00	1.75	.56	12	.62			
B2G12N**		1.50	3.00	1.75	.56	12	.62	.50	700	840
B3D12 †	3	1.19	2.50	1.25	.44	12	.62	.25	470	560
B3D12N † **			3.00	1.75	.56	12	.62			
B3E12		1.64	3.00	1.50	.44	12	.75	.31	700	840
B3E12N**			3.00	1.75	.56	12	.62			
B3F12		1.44	3.00	1.50	.44	12	.75	.56	820	980
B3F12N**			3.00	1.75	.56	12	.62			
B3G12		1.69	3.00	1.50	.44	12	.75	.69	960	1150
B3G12N**			3.00	1.75	.56	12	.62			
B4D12	4	1.19	2.50	1.25	.44	12	.62	.32	600	720
B4D12N**			3.00	1.75	.56	12	.62			
B4E12		1.64	3.00	1.50	.44	12	.75	.36	850	1020
B4E12N**			3.00	1.75	.56	12	.62			
B4F12		1.50	3.00	1.50	.44	12	.75	.78	1000	1200
B4F12N**			3.00	1.75	.56	12	.62			
B4G12N**		1.69	3.00	1.75	.56	12	.62	.94	1200	1440

* This rating may vary with ambient conditions, orientation of the braid and other service conditions.
** Tongue drilled per (2) hole NEMA standard.

Note: All sizes are listed to UL467 and specific sizes (†) are certified to CSA C22.2, No. 41 Grounding and Bonding Equipment Standards. Equivalent sizes may be designated by suffix letters representing variations in length, mounting configurations, pad size and finish. Contact factory for details.

Blue highlighted items are industry standard and most frequently ordered.

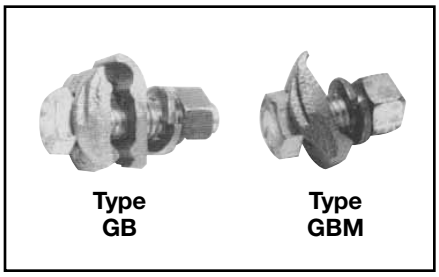
TYPES GB, GBM

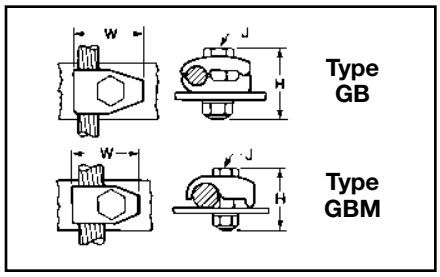
GROUND CONNECTOR

For Copper Cable to Bar

E-48

High copper alloy ground connector for joining a range of cable to 1/4″ thick bar.* Type GB separates cable from bar, GBM clamps cable directly on bar surface. One-wrench installation. UL467 Listed. The high copper alloy cast body and DURIUM™ bolts, nuts, and lockwashers make the GB and GBM suitable for direct burial in concrete or ground.





Catalog Number		Conductor	H Type GB/GBL	H Type GBM	J	W Type GB/GBL	W Type GBM
Type GB	Type GBM						
GB4C	GBM4C	8 Sol. - 4 Str.	1-1/2	1-1/2	3/8	1-1/4	1-1/4
GB26	GBM26	4 Sol. - 2/0 Str.	2			1-1/2	1-1/2
+GBL30		4 Sol. - 300			1/2	7/8	0
GB29	GBM29	2/0 Sol. - 250		2		2	2
GB34	GBM34	300 - 500	3	2-1/4		2-3/8	2-3/8

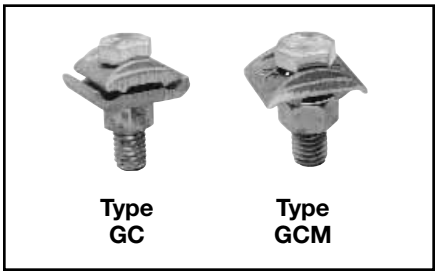
+ GBL30 is not UL listed.
Add “GS” suffix for galvanized steel hardware.
* For other bar thicknesses see note at bottom of page E-48.

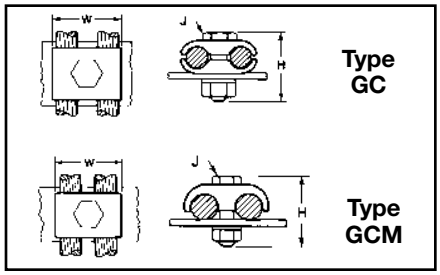
TYPES GC, GCM

GROUND CONNECTOR

For Two Copper Cables to Bar

High copper alloy ground connector for joining a wide range of two parallel cables to 1/4″ thick bar.* Type GC separates cable from bar, GCM clamps cable to bar surface. One-wrench installation. UL467 Listed. The high copper alloy cast body and DURIUM™ bolts, nuts, and lockwashers make the GC and GCM suitable for direct burial in concrete or ground.





Catalog Number		Conductor	H Type GC/GCL	H Type GCM	J	W Type GC/GCL	W Type GCM
Type GC	Type GCM						
GC4C4C	GCM4C	8 Sol. - 4 Str.	1-1/2	1-1/2	3/8	1-3/8	1
GC2626	GCM26	4 Sol. - 2/0 Str.	2			1-3/4	1-3/8
GCL30	GCM30	4 Str. - 300	2	—	—	1	—
GC2929	GCM29	2/0 Sol. - 250	2-1/4	2	—	2-1/4	2
GC3434	GCM34	300 - 500	2-7/8	2-1/4	1/2	2-7/8	2-5/8

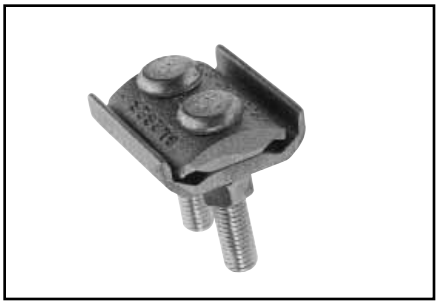
Smooth oval-shank bolts are available upon request for cable-tray applications (example: GC30G3). Also refer to type GC-CT.
Add “GS” suffix for galavanized steel hardware.
* For other bar thicknesses see note at bottom of page E-48.

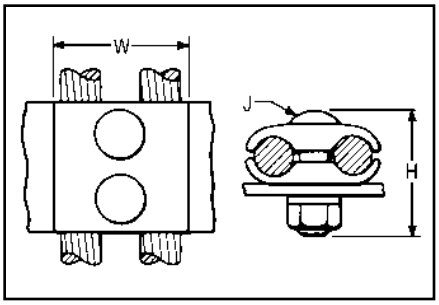
TYPE GL

GROUND CONNECTOR

For Two Copper
Cables to Bar

High copper alloy ground connector for joining a wide range of two parallel cables to 1/4″ thick bar.* Two-bolt design, separates cable from bar. One-wrench installation. UL467 Listed. The high copper alloy cast body and DURIUM™ bolts, nuts, and lockwashers make them suitable for direct burial in concrete or ground.





Catalog Number*	Conductor	H	J	W
GL4C4C	8 Sol. - 4 Str.	1-1/2	3/8	1-3/8
GL2626	4 Sol. - 2/0 Str.	2		1-3/4
GL2929	2/0 Sol. - 250	2-1/4	1/2	2-1/4
GL3434	300 - 500	2-7/8		2-7/8

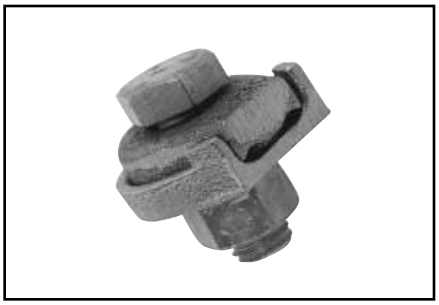
* For other bar thicknesses see note at bottom of page.

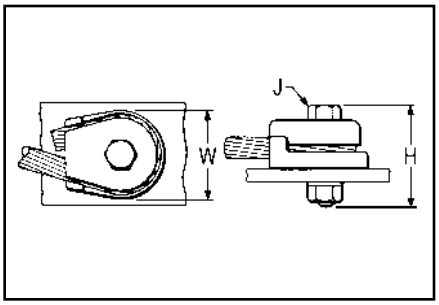
TYPE GZ

GROUND CONNECTOR

For Copper Cable to Bar

High copper alloy ground connector for joining a wide range of cable to 1/4″ thick bar*. Cable is gripped by curving it around the clamping bolt in connector groove. UL467 Listed. The high copper alloy cast body and DURIUM™ bolts, nuts, and lockwashers make them suitable for direct burial in concrete or ground.





Catalog Number*	Conductor	H	J	W
GZ4C-38	8 Str. - 4 Str.	1-1/2	3/8	1-1/8
GZ4C-12		1-7/8	1/2	1-3/4
GZ4C-58		2	5/8	
GZ26-38	3 Str. - 2/0 Str.		3/8	1-5/8
GZ26-12		2-1/8	1/2	1-3/4
GZ26-58		2-1/4	5/8	
GZ29-38	3/0 Str. - 250		3/8	2-1/4
GZ29-12		2-3/8	1/2	
GZ29-58		2-1/2	5/8	

NOTE:
* The GB, GBM, GC, GCM, GL and GZ are all used for joining a range of cable to bar. The catalog numbers in each table accommodate the indicated cable range and up to 1/4″ thick bar. Optional bolt lengths are available to accommodate up to 1″ thick bar. For bar thicknesses from 1/4″ to 1/2″, add the suffix “T4” to the catalog number in the table. For bar thicknesses from 1/2″ to 1″, add the suffix “T8” to the catalog number in the table.

Blue highlighted items are industry standard and most frequently ordered.

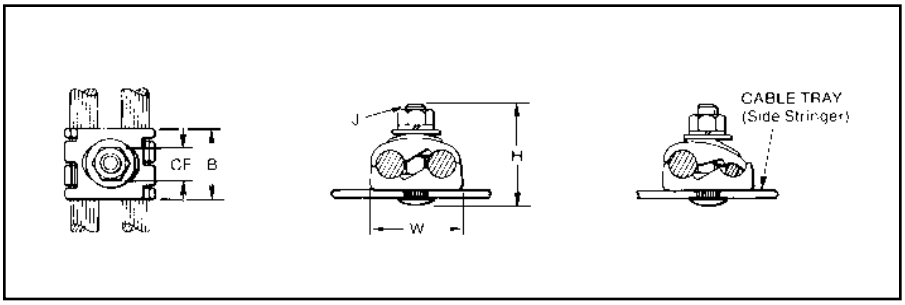
TYPE GC-CT

CABLETRAY GROUND CLAMP

This unique connector incorporates features which are unmatched. Made of tin-plated cast copper alloy, it accommodates either one or two conductors, copper or aluminum cable. In addition to a low profile head with a deep Phillips recess, the galvanized steel bolt has a ribbed neck which prevents rotation during installation when installed in a .44 diameter hole. When used on aluminum conductor, the cable must be scratch brushed and PENETROX™ A joint compound must be used on cable and connector.

UL467 Listed for copper conductor only. Suitable for direct burial in concrete or earth.





Catalog Number	Accommodates Copper or Alunimum Conductor in Either Groove	B	CF	H	J	W
GC2525CT	#6 Sol. (.162 Dia.) - 1/0 Str. (.372 Dia.)	1.12	.56	1.95	3/8" - 16	1.45
GC2626CT	#2 Sol. (.258 Dia.) - 2/0 Str. (.419 Dia.)	1.12	.56	1.95	3/8" - 16	1.70
GC2929CT	2/0 Str. (.414 Dia.) - 250 kcmil (.575 Dia.)	1.12	.56	2.20	3/8" - 16	1.98

NOTE:
The bolt head is mounted on the inside wall of cabletray to avoid damage to the cable insulation.
May be used with aluminum or galvanized steel cable tray.

TYPE GTC1AC34RA

PROTECTIVE GROUNDING CLAMP

For Pad Mounted Equipment

A newly designed Protective Grounding Clamp for making secure connections when installing Protective Grounding Sets on Pad Mounted Equipment.

Features a 90° right angle side entry for ferrule. Cable connection will now exit clamp parralel with grounding bar allowing cable set to remain within the cabinet. Closing the cabinet doors will now be easier and will not require infringing on the safety clearance zone.

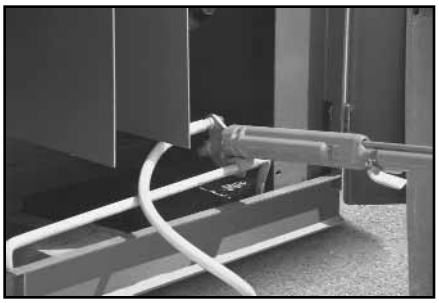
Eliminates awkward hotstick mounting and tightening of clamp jaws from elevated angles. Improves safety thanks to easier respect of minimum approach distance.

The clamp is used as a base for new grounding sets or can be retrofit on most grounding sets for pad mounted equipment.

Designed and manufactured in the U.S.A.

Catalog Number: **GTC1AC34RA**

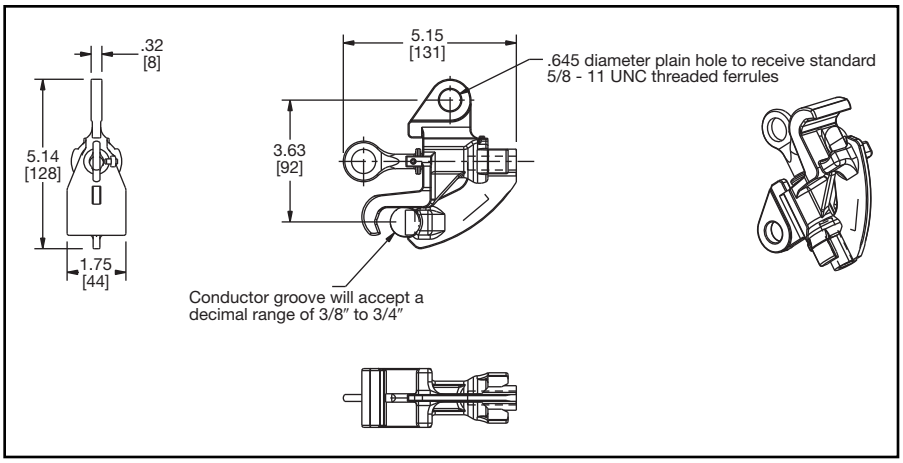




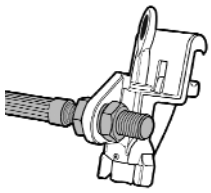


Features

- ASTM classification (F855-04):
  - Grade 3 (27kA for 15 cycles)
  - Class A/Type I/C-shape
  - Brass alloy
  - Weight: 1.85 Lbs.
- Jaw range: round section conductor 3/8″ to 3/4″ diameter.



Possible base for a Grounding Set:



Single phase configuration
(using standard hardware)
Triple phase configuration
(using a 4-way connector)

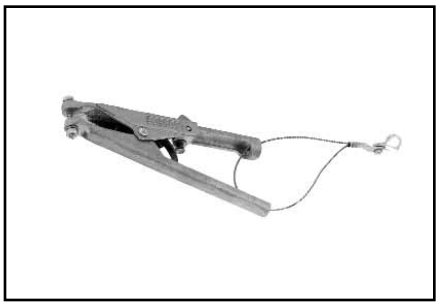
Blue highlighted items are industry standard and most frequently ordered.

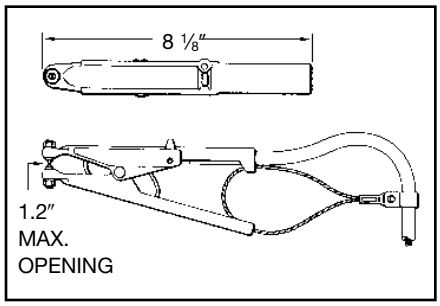
TYPE GIE-G

GROUND CONNECTOR

For Vehicle Grounding
Heavy Duty Construction

High-strength copper alloy ground clamps for grounding gasoline trucks, tank cars, aircraft and other vehicles where danger of explosion due to static electricity exists. Corrosion resistant and supplied with non-sparking, adjustable, replaceable contact grip screws. Automatic safety release disconnects should a vehicle unexpectedly move from the grounded area. Accommodates 4 Str. flexible copper cable.





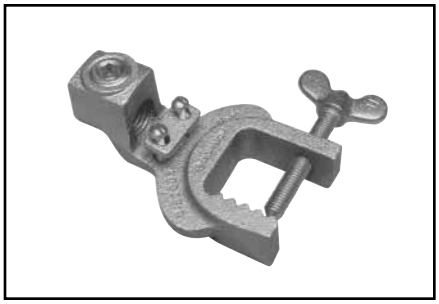
Catalog Number	Replaceable Contact Grip Screws		
	Catalog Number	Material	Point Configuration
GIE4CG3	GIE4CG3P5	Beryllium Copper	Cone Point
	GIE4CG3P7		Cup Point
GIE4CG4	GIE4CG4P5	Stainless Steel	Cone Point
	GIE4CG4P7		Cup Point

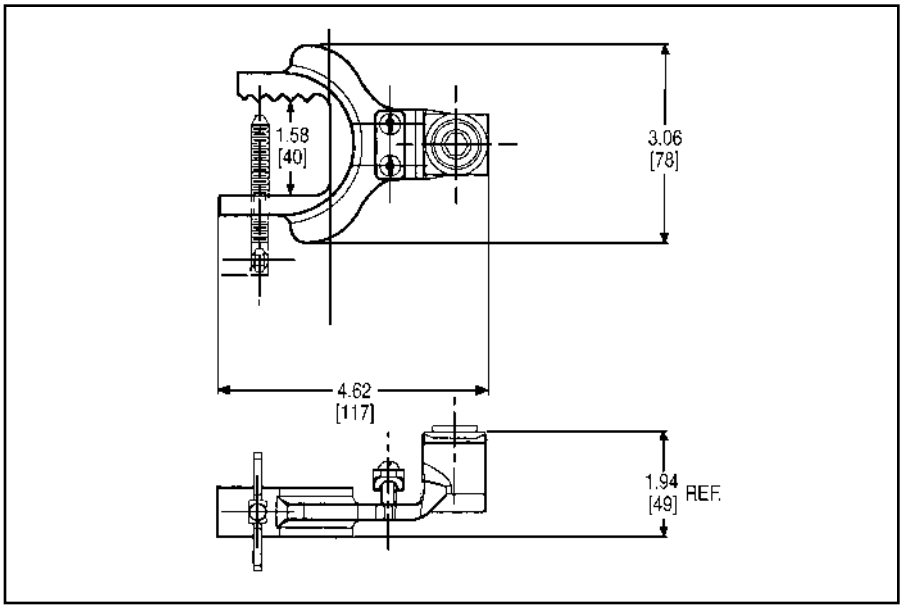
TYPE GIE-G

GROUND CONNECTOR

Accommodates flexible rubber sheath cable ranging from #6 to #2 conductor.

Catalog Number: **GIE2CG3**





Blue highlighted items are industry standard and most frequently ordered.

RAIL CONNECTOR

Mechanical clamp connectors designed for use in power, contact or running rail applications. Connectors are cast of a high conductivity copper alloy, tin-plated, and assembled with high-strength DURIUM™ hardware. Connectors designed for extended service life.

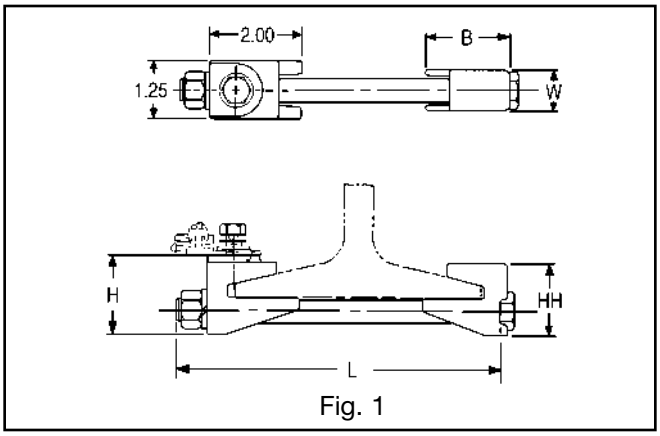


Fig. 1

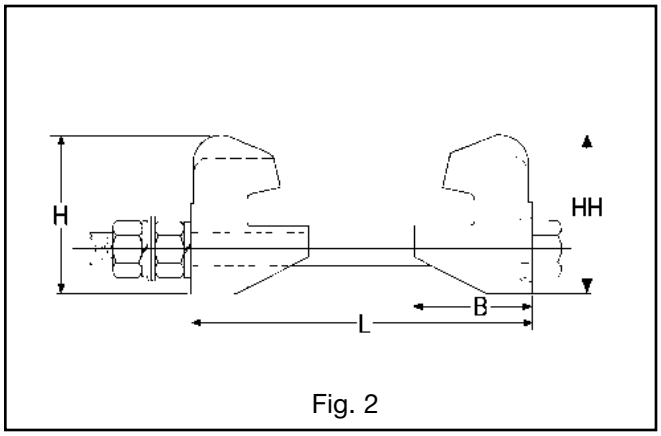


Fig. 2

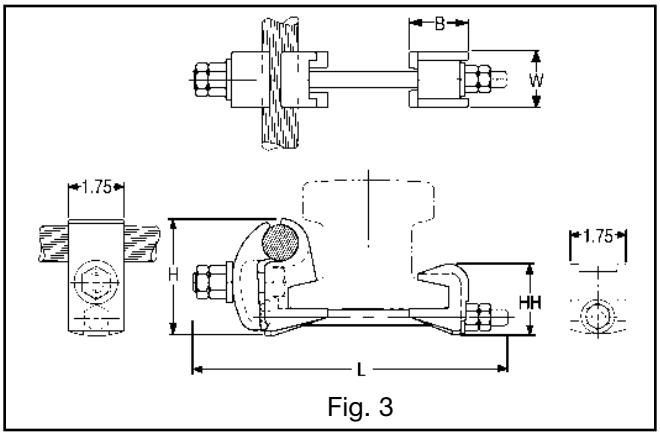


Fig. 3

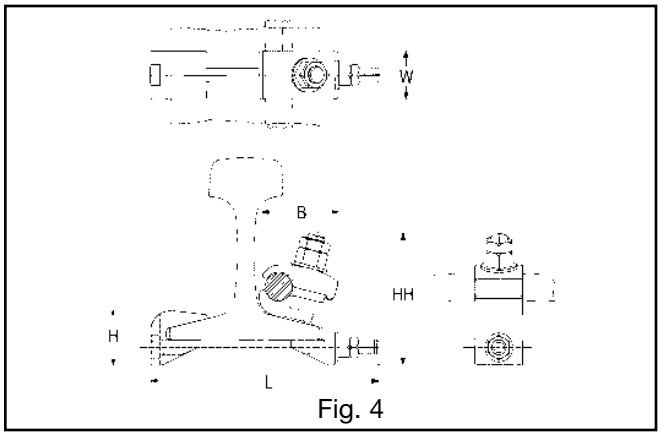


Fig. 4

Catalog Number	Fig. No.	Accommodates	B	H	HH	L	W
J278	1	100 Lbs. A.R.E.A. Running Rail	1.81	1.88	1.72	7.50	.88
J279	1	75 or 90 Lbs. Running Rail	1.81	1.71	1.55	7.50	.88
J280	1	150 Lbs. Contact Rail	2.12	2.08	1.92	7.00	1.25
J295	2	150 Lbs. Third Rail	2.62	3.50	3.50	7.75	3.00
RGC44G1*	3	150 Lbs. NMC Contact Rail and (1) 800-1000 kcmil CU Cable	1.75	2.82	2.25	10.00	1.75
RGC39G1*	4	115 Lbs. Contact or Running Rail and (1) 500-750 kcmil CU Cable	2.75	2.00	4.78	8.32	1.25

* Tin-plated.

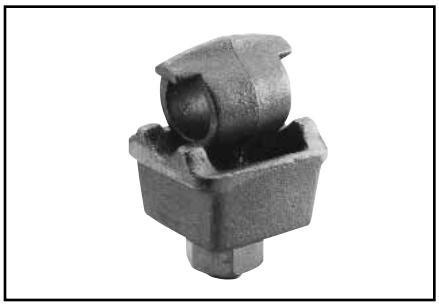
Blue highlighted items are industry standard and most frequently ordered.

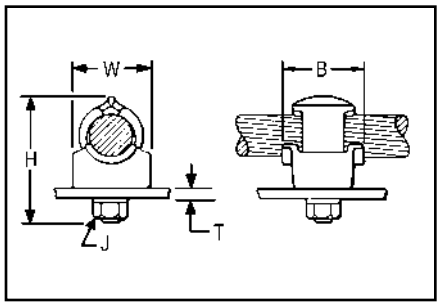
TYPE QGFL

BARTAP™

For Copper Cable to
Flat Bar or Pad

High copper alloy BARTAP™ for joining a range of cable to bar or pad. One-wrench installation. DURIUM™ nut and lockwasher.





Catalog Number	Conductor	B	H	J	T (Max.)	W
QGFL1CB1	10 Sol. - 1 Str.	1-1/8	1-7/8	3/8	1/4	1
QGFL1CB1T6			2-3/8		3/4	
QGFL26B1	8 Sol. - 2/0 Str.	1-1/4	2-1/8		1/4	1-1/8
QGFL26B1T6			2-5/8		3/4	
QGFL26B2*			1-1/2	1/2	1/4	
QGFL26B2T6*		1-1/2	2-7/8		3/4	
QGFL29B1*	6 Str. - 250	1-5/8	2-5/8		1/4	1-3/8
QGFL29B1T6*			3-1/8		3/4	
QGFL31B1*	2 Sol. - 350	1-3/4	2-7/8		1/4	1-5/8
QGFL31B1T6*			3-1/4		3/4	
QGFL34B1	1/0 Sol. - 500	2	3-1/8		1/4	1-3/4
QGFL34B1T6			3-5/8		3/4	
QGFL39B1	350 - 750	2-1/4	3-1/4		1/4	1-3/4
QGFL39B1T6			3-5/8		3/4	
QGFL44B1	750 - 1000		3-3/8		1/4	2-1/8
QGFL44B1T6			4-1/8		3/4	
QGFL46B1	1000 - 1500		4		1/4	2-1/2
QGFL46B1T6			4-1/2		3/4	
QGFL48B1	1500 - 2000		4-3/4		1/4	3

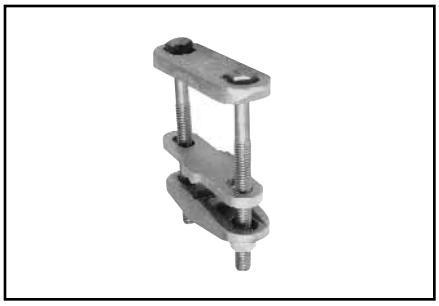
* Can be installed side by side or in line on NEMA drilled bar.

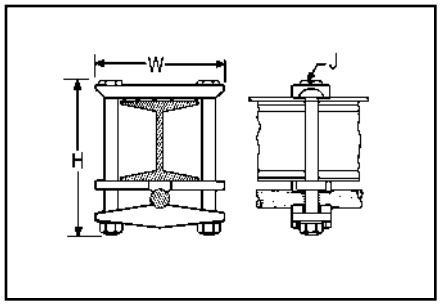
TYPE GA-H

GROUND CONNECTOR

For Copper Cable
to “H” Beam

High copper alloy ground connector for joining a wide range of cable parallel to “H” beams or square tube. Hardware is made from DURIUM™ for superior corrosion protection.





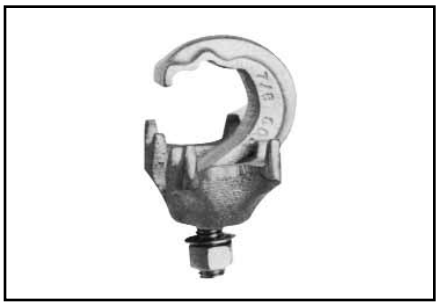
Catalog Number	Conductor		H	J	W
	“H” Beam	Cable			
GA25H26	1-7/8″ × 1-7/8″ - 2-1/2″ × 2-1/2″	4 Sol. - 2/0 Str.	4-3/4	3/8	4

Blue highlighted items are industry standard and most frequently ordered.

TYPE GRF

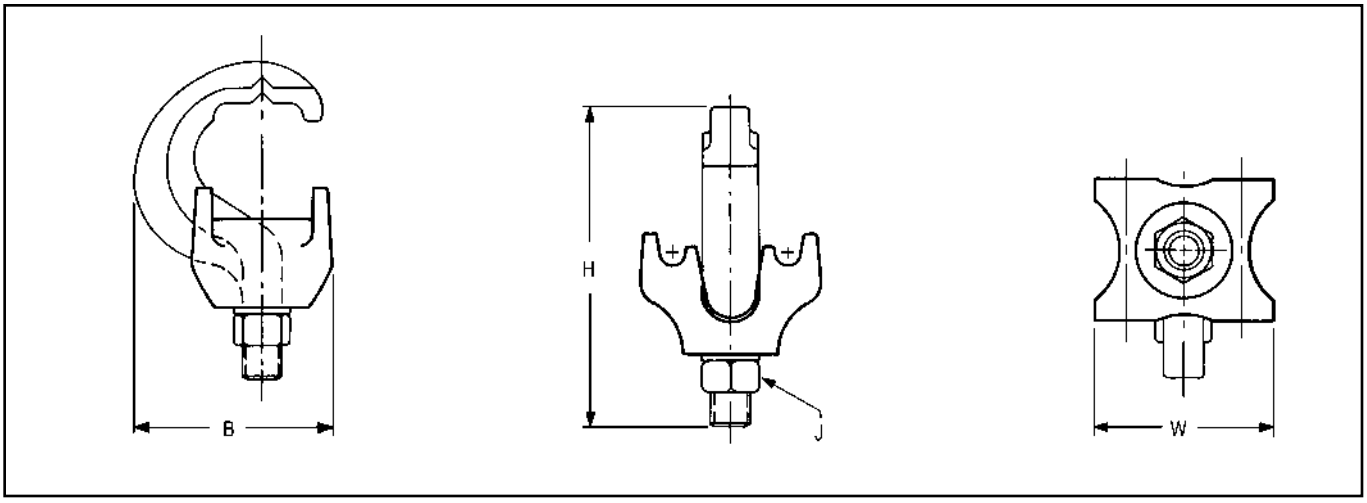
UNIGROUND™ RAISED FLOOR GROUNDING CONNECTOR

The BURNDY® UNIGROUND™ is a universal grounding clamp, specifically designed for all raised flooring systems. It can be installed on round or square pedestals and can accommodate one or two grounding wires to make an efficient grid. The underfloor signal reference grid provides the low impedance ground path that attenuates high frequency static and 60 Hz transient noise for cleaner data output. UL467 Listed.



Features and Benefits

- One connector fits all applications.
  - ◊ Ease of specification and installation.
- Single bolt design.
  - ◊ Ease of installation:
    - — No need to disassemble.
    - — Single wrench installation.
- Accepts 1 or 2 ground conductors.
  - ◊ Requires less connectors to install signal reference grid.
- Tin plated cast bronze construction.
  - ◊ Resists corrosion and provides extended life ground connection.
- Grounds all pedestals (round or square). Will handle up to 7/8″ square and 1″ round.
  - ◊ Ease of installation. One connector does it all
- Serves 3 needs:
  1. Signal Reference Grid.
  2. Static Ground.
  3. Fault Current Ground.
  - ◊ UNIGROUND™ solves all possible grounding problems found in computer applications today.



Catalog Number	Number of Conductors	Conductor Size Sol. & Str.	Pedestal Type		B	H	J	W
			Round	Square				
GRF4C-3	1 or 2	#8 - #2	Up to 1″	Up to 7/8″	1.96	3.14	3/8″	1.76
GRF4C-4	1 or 2	#8 - #2	Up to 3/4″	Up to 5/8″	1.79	3.13	3/8″	1.40

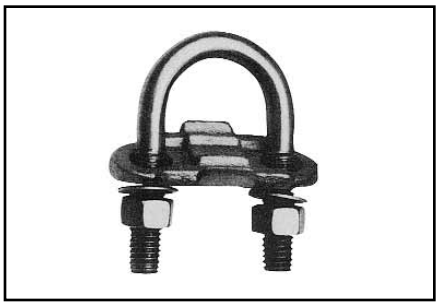
Blue highlighted items are industry standard and most frequently ordered.

TYPES GP-G1, GP-RT

RAISED FLOOR GROUNDING CLAMPS

High copper alloy ground connector for raised floor computer grounding applications. These connectors can be installed on round and square pedestal applications and will accommodate one or two grounding wires to make an efficient grid. The underfloor signal reference grid provides the low impedance ground path that attenuates high frequency static and 60 Hz transient noise for cleaner data output. UL467 Listed.

In addition we offer the GP1726RT, which is especially designed for penetrating epoxy paint on pedestals. This patented connector offers a low impedance, time saving connection between conductors and the Pedestal.

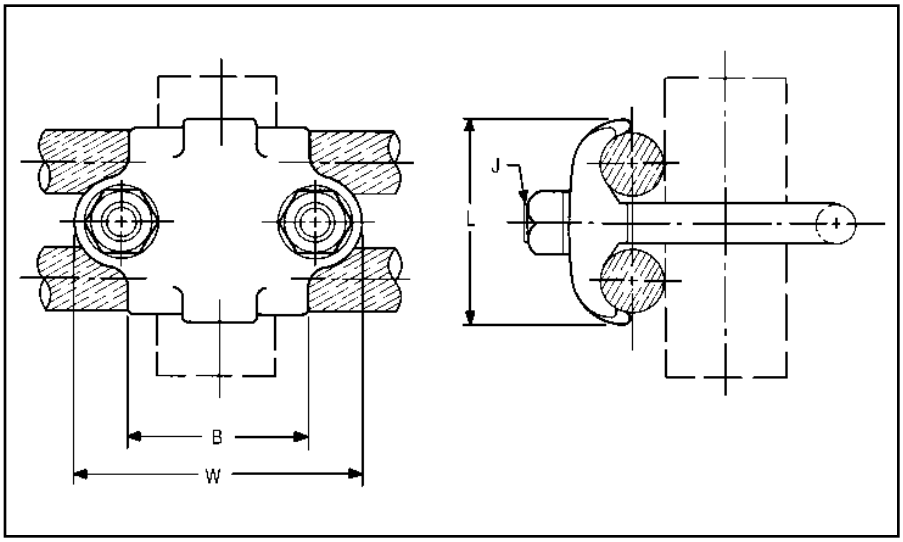




GP1726RT

Features and Benefits

- Accepts 1 or 2 Ground Conductors
  - ◊ Requires less connectors to install signal reference grid.
- Made of copper alloy.
- DURIUM™ U-Bolts, nuts and lockwashers.
  - ◊ Provides a low impedance ground path for maximum performance.
- Grounds all pedestals (round or square).
- Will handle from ¾″ to 1″ round or square.
  - ◊ Ease of installation.
- Serves 3 needs.
  1. Signal Reference Grid.
  2. Static Ground.
  3. Fault Current Ground.
  - ◊ Connectors solves all possible grounding problems found in computer applications today.



Catalog Number	Number of Conductors	Conductor Size Sol. & Str.	Pedestal Type Round or Square	B	J	L	W
GP654CG1	1 or 2	#8 Sol. - 4 Str.	3/4″ - 1″ Round	1.5	3/8″	1.31	2.38
GP64526G1	1 or 2	#4 Sol. - 2/0 Str.	3/4″ - 7/8″ Square	1.5	3/8″	1.69	2.38
GP1526G1	1 or 2	#4 Sol. - 2/0 Str.	1-1/4″ Round	1.75	3/8″	1.69	2.62
GP1726RT	1 or 2	#6 Sol. - 2/0 Str.	2″ Round	2.12	3/8″	1.50	3.22
GP1726G1	1 or 2	#6 Sol. - 2/0 Str.	2″ Round	2.12	3/8″	1.50	3.22

Blue highlighted items are industry standard and most frequently ordered.

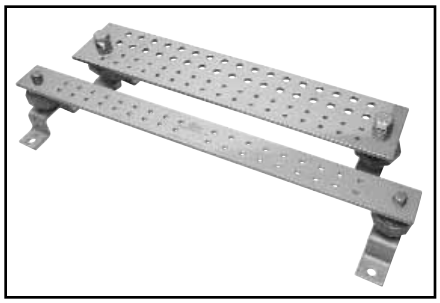
TYPE BBB

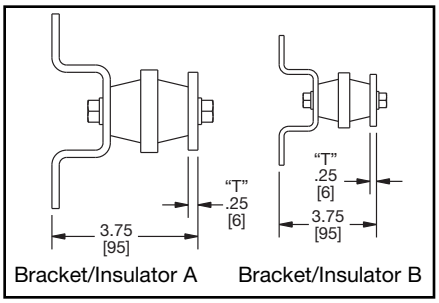
BURNDY® BusBar

Copper BusBar

Bare copper BusBar, UL Listed for grounding. Available in many sizes and hole patterns. Brackets and insulators included with most styles. Also available in undrilled, horizontal and vertical versions.

BusBar is used in a variety of applications. Can be used as a common ground point and "power" applications as well.





Bracket/Insulator A Bracket/Insulator B

E-57

Catalog Number	Fig. No.	Insulator & Bracket	T - Bar Thickness	W - Bar Width	L - Bar Length	E1	E2	E3	F1	F2	No. of Holes	K
BBB14210A	1	A	1/4″	2″	10″	.63	—	—	1.00	—	16	.28
BBB14224B	2	A	1/4″	2″	24″	.625	.75	—	1.00	1.00	36	.28
BBB14410C	3	A	1/4″	4″	10″	.75	1.00	—	1.25	—	6 16	6-32 .28
BBB14410D	4	A	1/4″	4″	10″	1.25	1.00	—	1.13	1.13	6 16	6-32 .28
BBB14412E	5	A	1/4″	4″	12″	.75	—	—	2.00	1.25	18	.44
BBB14412F	6	A	1/4″	4″	12″	1.00	.75	—	2.00	1.25	12 12	.44 .28
BBB14416G	7	B	1/4″	4″	16″	.75	1.00	—	1.69	—	24	.44
BBB14416H	8	B	1/4″	4″	16″	1.00	1.00	.75	1.69	—	16 16	.44 .25
BBB14420J	9	B	1/4″	4″	20″	1.00	1.00	.75	1.00	—	34 34	.44 .25
BBB412UD	N/A	A	1/4″	4″	12″	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BBB424UD	N/A	B	1/4″	4″	24″	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BBBHR19*	N/A	N/A	3/16″	3/4″	19″	.38	Contact Factory for Dimensions					
BBBVR36*	N/A	N/A	1/4″	5/8″	36″	.32						

* Not UL Listed.

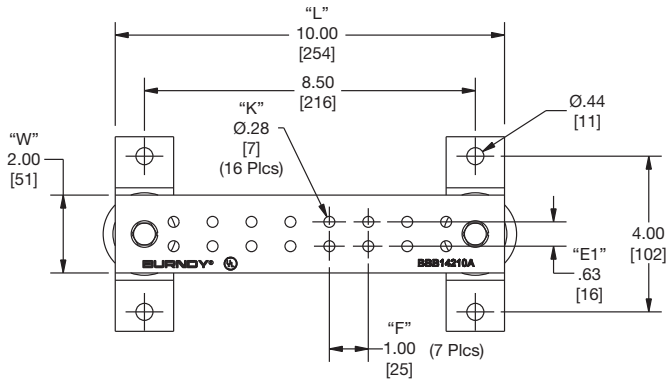


Figure 1

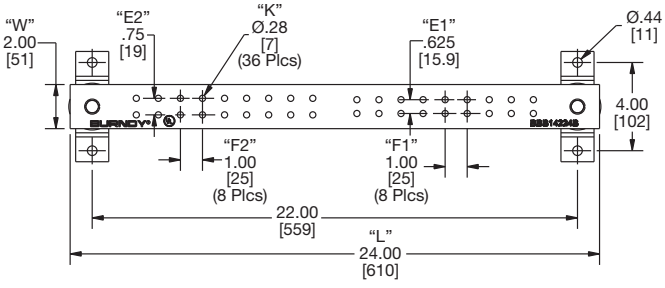


Figure 2

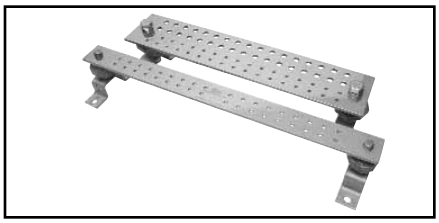
(Figures continued on next page)

Blue highlighted items are industry standard and most frequently ordered.

TYPE BBB

BURNDY® BusBar

Copper BusBar (Continued)



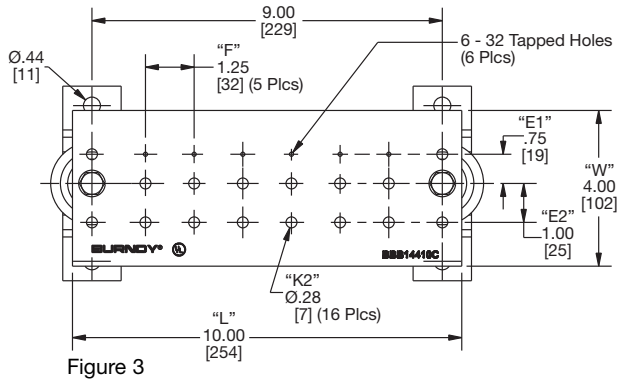


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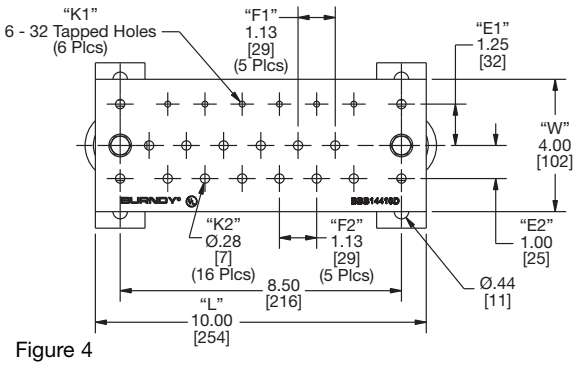


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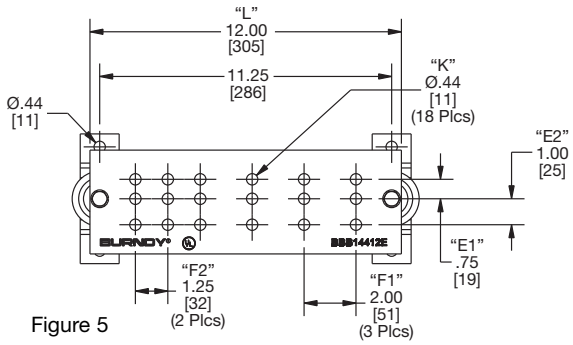


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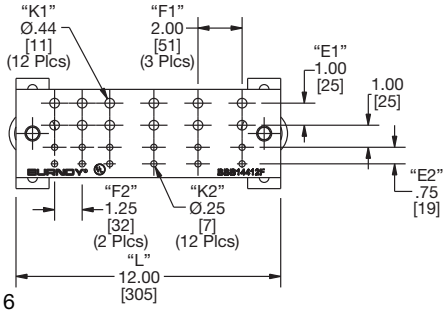


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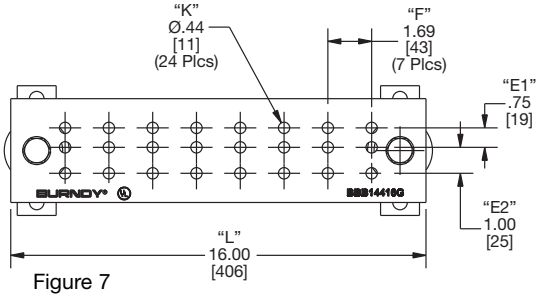


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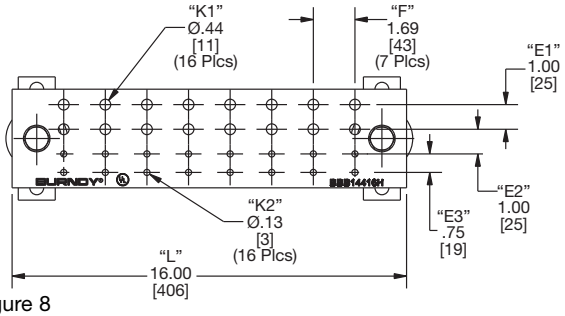


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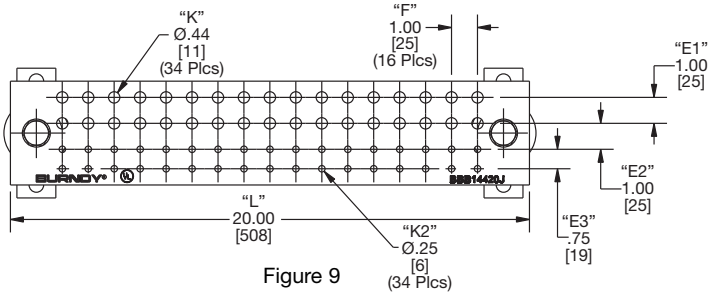


Figure 9

Blue highlighted items are industry standard and most frequently ordered.

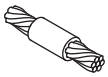
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BURNDYWeld®
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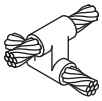
Making a BURNDYWeld® Connection **E-61**

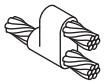

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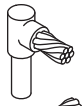

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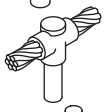

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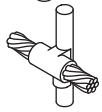

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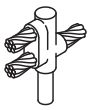

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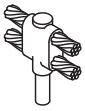

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Type **BCR-1** **E-69**
RUS Accepted

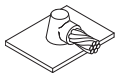

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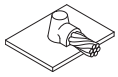

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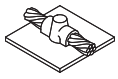

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Single Shot Molds **E-74**


Type **BCS-1** **E-75**

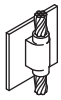

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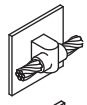

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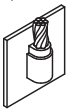

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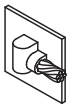

Type **BCS-3** **E-77**


Type **BCS-23** **E-78**


Type **BCS-4** **E-79**


Type **BCS-6** **E-79**


Type **BCS-7** **E-80**


Type **BCS-18** **E-80**

BURNDY® GROUNDMAX™ . . . . **E-87 - E-88**

BURNDY® GRIDMAX™ **E-89**

For mold types or BURNDYWeld® items not shown, please contact factory.

Blue highlighted items are industry standard and most frequently ordered.

BURNDYWeld®

The BURNDYWeld® connection process is a simple, efficient method of welding copper to copper or copper to steel. One advantage is that NO outside power is required when using the BURNDYWeld® exothermic process. The BURNDYWeld® process uses high temperature reaction of powdered copper oxide and aluminum. The reaction takes place in a semi-permanent graphite mold. These molds will last for fifty or more welds if proper care is given. The reaction takes place very rapidly, therefore the total amount of heat applied to the conductors or surfaces is considerably less than that of brazing or soldering. It is important to remember this when welding to insulated cable or thin wall pipe.

This system is very field friendly, since it is light and portable and requires no outside power source. It requires very little time or skill to obtain an efficient, maintenance free connection when using the BURNDYWeld® process.

For more information visit our website at www.burndy.com.

The BURNDYWeld® process has been used to weld materials other than copper for electrical purposes. Materials welded include:

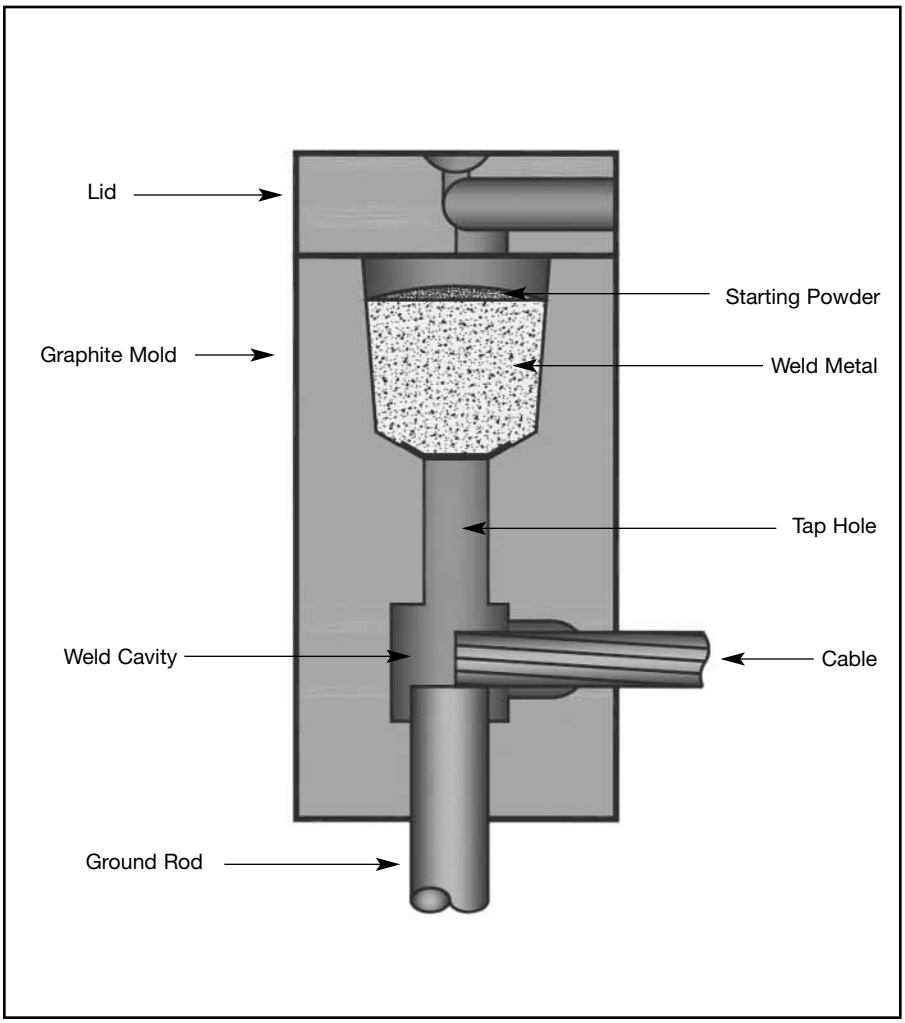
Stainless Steel	Columbium	Brass
Copperweld®	Plain Steel	Bronze
Nichrome V	Everdur®	Niobium
Galvanized Steel	Kama	Chromax
Silcone Bronze	Steel Rail	Cast Iron
Copper Clad Steel	Cor-Ten®	Monel

When welding to galvanized steel it is recommended to resurface exposed bare steel.

The BURNDYWeld® connection is a molecular weld. The weld metal has the same melting point as copper. These factors along with the increased cross section of the connection, BURNDYWeld® connections:

1. Will not be affected by a high current surge. Tests have shown that the electrical conductor will melt before the BURNDYWeld® connection when subjected to high short circuit current. Consult IEEE Standard 837-1989.
2. Will not loosen or corrode at the point of weld. There are no contact surfaces or mechanical pressures involved. A BURNDYWeld® connection becomes an integral part of the conductor.
3. Have a current-carrying capacity equal to or greater than that of the conductors.





For mold types or BURNDYWeld® items not shown, please contact factory.

Blue highlighted items are industry standard and most frequently ordered.

Making a BURNDYWeld® Connection



Step 1

Position cleaned conductors in mold after making sure mold is dry, by pre-heating or making a test joint.



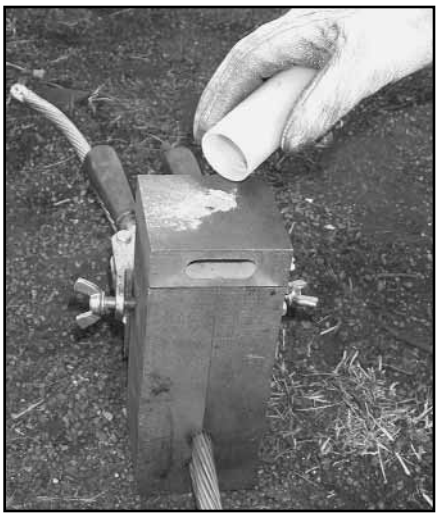
Step 2

Place metal disc in bottom of mold crucible.



Step 3

Dump powder into crucible, being careful not to loosen all the starting powder.



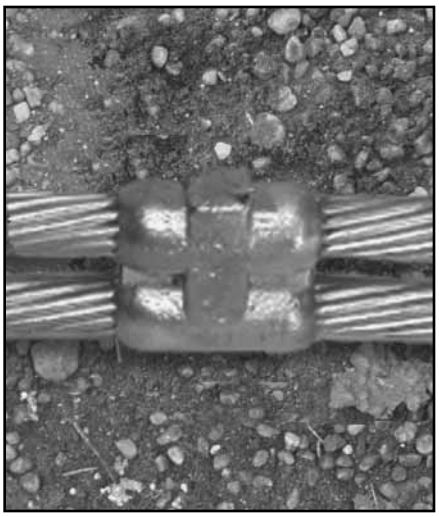
Step 4

Close lid and place a small amount of starting powder in the ignition pocket.



Step 5

Ignite the starting powder with the Flint Ignitor.



Step 6

Wait 15 seconds, then remove weld and clean mold before making next connection.

For mold types or BURNDYWeld® items not shown, please contact factory.

Blue highlighted items are industry standard and most frequently ordered.

WELD METAL

BURNDYWeld® Weld Metal is packed in moisture-resistant plastic cartridges that have tight fitting caps. These cartridges, along with the necessary steel discs, are then packed in boxes that are hermetically-sealed. This ensures the powder arriving in good condition, always dry and ready for fast positive ignition.

BURNDYWeld® Weld Metal comes in several types; one for welding copper to copper, copper to steel, copper to rail, copper to cast iron and one for welding copper to steel for cathodic protection. The size and weight (in grams) of the cartridge are marked on each individual cartridge.



Standard Cartridge Size	Cast Iron Cartridge Size	Cathodic Protection Cartridge Size	Rail Cartridge Size	Cartridges Per Box
15	15CI	15CP	15R	20
25	25CI	25CP	25R	20
32	32CI	32CP	32R	10
45	45CI	45CP	45R	20
65	65CI	65CP	65R	20
90	90CI	—	90R	10
115	115CI	—	115R	10
150	—	—	150R	10
200	—	—	200R	10
250	—	—	250R	10
500	—	—	500R	10

BURNDYWeld® Weld Metal is sold in box quantities only.

Steel Discs Sold Separately

Weld Metal Size	Catalog Number Steel Discs Only	Package Quantity
15 to 65	B370320-01	20
90 to 115	B370320-02	10
150 to 500	B370320-03	10

For mold types or BURNDYWeld® items not shown, please contact factory.

Blue highlighted items are industry standard and most frequently ordered.

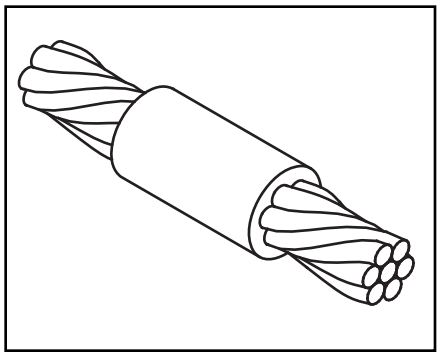
BCC-1 TYPE MOLDS

Horizontal End to End

BCC-1 Type Molds are used for horizontal end to end cable connections.

Size range is #6 through 1000 kcmil solid or concentric stranded copper conductors.

Contact BURNDY® for information on molds for conductors not listed below.



Cable	Mold Number	Price Key	Weld Metal	Handle Clamps
#8	Use Type BCC-14 on Page E-67	—	—	—
#6	Use Type BCC-14 on Page E-67	—	—	—
#4	**B-5623**	18 † *	25	N/A
#3	**B-5624**	18 † *	32	N/A
#2	**B-5625**	18 † *	32	N/A
#1	**B-5626**	18 † *	32	N/A
1/0	**B-205**	4	45	B-106
2/0	**B-206**	4	65	B-106
3/0	**B-207**	4	90	B-106
4/0	**B-208**	4	90	B-106
250 kcmil	**B-209**	4	115	B-106
300 kcmil	**B-210**	4	115	B-106
350 kcmil	**B-211**	4	150	B106
500 kcmil	**B-213**	4	200	B-107
750 kcmil	**B-214**	5	2-150	B-107
1000 kcmil	**B-215**	5	2-200	B-107

- For sizes not listed, contact BURNDY®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®.
- For expedited service, contact BURNDY®.

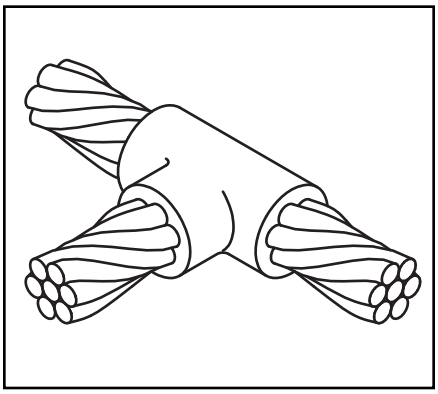
Required Tools:
Handle Clamps (see chart for correct handles)
† Sold complete with handles
* **B38-0309-00** Flint Ignitor (included)
Other recommended accessories:
B38-3922-00 Mold Cleaning Brush (pg E-92)
B38-0135-00 Cable Cleaning Brush (pg E-92)
B38-0330-00 Cable Clamp (pg E-92)

For mold types or BURNDYWeld® items not shown, please contact factory.

Blue highlighted items are industry standard and most frequently ordered.

TYPE BCC-2 MOLDS

Horizontal Cable Tap to Horizontal Cable Run



Type BCC-2 Molds are used to join horizontal cable tap to a horizontal run cable.

E-64

Size range is #6 through 750 kcmil solid or concentric stranded copper conductors.

Contact BURNDY® for information on molds for conductors not listed below.

Cable Run	Cable Tap	Mold Number	Price Key	Weld Metal	Handle Clamps
#6	#6	Use Type BCC-14 on Page E-67	—	—	—
#4	#4	**B-221**	4	32	B-106
#2	#2	**B-223**	4	45	B-106
	#4	**B-224**	4	45	B-106
#1	#1	**B-225**	4	45	B-106
	#2	**B-226**	4	45	B-106
	#4	**B-227**	4	45	B-106
1/0	1/0	**B-228**	4	90	B-106
	#1	**B-229**	4	45	B-106
	#2	**B-230**	4	45	B-106
	#4	**B-231**	4	45	B-106
2/0	2/0	**B-232**	4	90	B-106
	1/0	**B-233**	4	90	B-106
	#1	**B-234**	4	45	B-106
	#2	**B-235**	4	45	B-106
	#4	**B-5475**	4	45	B-106
3/0	3/0	**B-236**	4	115	B-106
	2/0	**B-237**	4	90	B-106
	1/0	**B-238**	4	90	B-106
	#1	**B-239**	4	45	B-106
	#2	**B-240**	4	45	B-106
	#4	**B-5574**	4	45	B-106
4/0	4/0	**B-241**	4	150	B-106
	3/0	**B-242**	4	115	B-106
	2/0	**B-243**	4	90	B-106
	1/0	**B-244**	4	90	B-106
	#1	**B-245**	4	90	B-106
	#2	**B-246**	4	90	B-106
	#4	**B-5021**	4	90	B-106
250 kcmil	250 kcmil	**B-247**	4	150	B-106
	4/0	**B-248**	4	150	B-106
	3/0	**B-249**	4	150	B-106
	2/0	**B-250**	4	90	B-106
	1/0	**B-251**	4	90	B-106
	#1	**B-252**	4	90	B-106
	#2	**B-253**	4	90	B-106

Cable Run	Cable Tap	Mold Number	Price Key	Weld Metal	Handle Clamps
300 kcmil	300 kcmil	**B-254**	4	200	B-106
	250 kcmil	**B-255**	4	150	B-106
	4/0	**B-256**	4	150	B-106
	3/0	**B-257**	4	150	B-106
	2/0	**B-258**	4	90	B-106
	1/0	**B-259**	4	90	B-106
	#1	**B-260**	4	90	B-106
	#2	**B-261**	4	90	B-106
350 kcmil	350 kcmil	**B-262**	4	200	B-106
	300 kcmil	**B-263**	4	200	B-106
	250 kcmil	**B-264**	4	200	B-106
	4/0	**B-265**	4	150	B-106
	3/0	**B-266**	4	150	B-106
	2/0	**B-267**	4	90	B-106
	1/0	**B-268**	4	90	B106
	#1	**B-269**	4	90	B-106
	#2	**B-270**	4	90	B-106
500 kcmil	500 kcmil	**B-280**	4	2-150	B-106
	350 kcmil	**B-282**	4	200	B-106
	300 kcmil	**B-283**	4	200	B-106
	250 kcmil	**B-284**	4	200	B-106
	4/0	**B-285**	4	150	B-106
	2/0	**B-286**	4	90	B-106
	1/0	**B-287**	4	90	B-106
	#1	**B-288**	4	90	B-106
	#2	**B-289**	4	90	B-106
750 kcmil	750 kcmil	**B-290**	5	500	B-107
	500 kcmil	**B-291**	5	2-200	B-107
	350 kcmil	**B-293**	4	250	B-106
	300 kcmil	**B-294**	4	200	B-106
	250 kcmil	**B-295**	4	200	B-106
	4/0	**B-296**	4	150	B-106
	2/0	**B-297**	4	150	B-106
	1/0	**B-298**	4	150	B-106

- For sizes not listed, contact BURNDY®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®.
- For expedited service, contact BURNDY®.

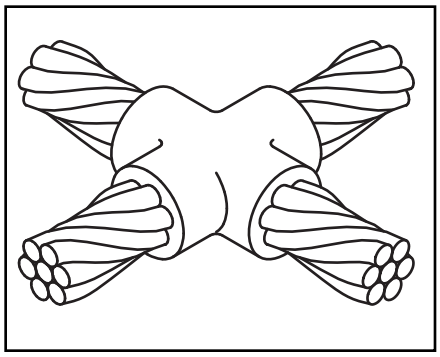
Required Tools:
Handle Clamps (see chart for correct handles)
B38-0309-00 Flint Ignitor
Other recommended accessories:
B40-0319-01 Mold Cleaner for cartridge sizes #15-#65 (pg E-92)
B40-0319-03 Mold Cleaner for cartridge sizes #90-#500 (pg E-92)
B38-3922-00 Mold Cleaning Brush (pg E-92)
B38-0135-00 Cable Cleaning Brush (pg E-92)
B38-0330-00 Cable Clamp (pg E-92)

For mold types or BURNDYWeld® items not shown, please contact factory.

Blue highlighted items are industry standard and most frequently ordered.

TYPE BCC-4 MOLDS

Horizontal to Horizontal Cable Cross



Type BCC-4 Molds are used to join two horizontal cables at right angles. One cable is cut and the other is a through run.

Size range is #6 through 500 kcmil solid or concentric stranded copper conductors.

Contact BURNDY® for information on molds for conductors not listed below.

Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Run	Tap				
#6	#6	Use Type BCC-11 on Page E-66			
#4	#4	**B-423**	4	45	B-106
#3	#3	**B-424**	4	45	B-106
#2	#2	**B-425**	4	65	B-106
	#4	**B-426**	4	65	B-106
#1	#1	**B-427**	4	65	B-106
	#2	**B-428**	4	65	B-106
	#4	**B-429**	4	65	B-106
1/0	1/0	**B-430**	4	90	B-106
	#1	**B-431**	4	90	B-106
	#2	**B-432**	4	90	B-106
	#4	**B-433**	4	90	B-106
2/0	2/0	**B-434**	4	115	B-106
	1/0	**B-435**	4	115	B-106
	#1	**B-436**	4	115	B-106
	#2	**B-437**	4	115	B-106
3/0	3/0	**B-438**	4	150	B-106
	2/0	**B-439**	4	150	B-106
	1/0	**B-440**	4	115	B-106
	#1	**B-441**	4	115	B-106
	#2	**B-442**	4	115	B-106
4/0	4/0	**B-443**	4	200	B-106
	3/0	**B-444**	4	200	B-106
	2/0	**B-445**	4	150	B-106
	1/0	**B-442**	4	150	B-106
	#1	**B-447**	4	115	B-106
	#2	**B-448**	4	115	B-106
250 kcmil	250 kcmil	**B-449**	4	200	B-106
	4/0	**B-450**	4	200	B-106
	3/0	**B-451**	4	200	B-106
	2/0	**B-452**	4	150	B-106
	1/0	**B-453**	4	150	B-106
	#1	**B-454**	4	115	B-106
	#2	**B-455**	4	115	B-106

Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Run	Tap				
300 kcmil	300 kcmil	**B-456**	4	250	B-106
	250 kcmil	**B-457**	4	250	B-106
	4/0	**B-458**	4	200	B-106
	3/0	**B-459**	4	200	B-106
	2/0	**B-460**	4	150	B-106
	1/0	**B-461**	4	150	B-106
	#1	**B-462**	4	115	B-106
	#2	**B-463**	4	115	B-106
350 kcmil	350 kcmil	**B-464**	4	250	B-106
	300 kcmil	**B-465**	4	250	B-106
	250 kcmil	**B-466**	4	250	B-106
	4/0	**B-467**	4	200	B-106
	3/0	**B-468**	4	200	B-106
	2/0	**B-469**	4	200	B-106
	1/0	**B-470**	4	200	B-106
	#1	**B-471**	4	150	B-106
	#2	**B-472**	4	150	B-106
500 kcmil	500 kcmil	**B-483**	5	500	B-107
	350 kcmil	**B-485**	5	2-200	B-107
	300 kcmil	**B-486**	5	2-200	B-107
	250 kcmil	**B-487**	5	2-150	B-107
	4/0	**B-488**	5	2-150	B-107
	3/0	**B-489**	5	2-150	B-107
	2/0	**B-490**	4	250	B-106
	1/0	**B-491**	4	250	B-106
	#1	**B-492**	4	200	B-106
	#2	**B-493**	4	200	B-106

Required Tools:
Handle Clamps (see chart for correct handles)
B38-0309-00 Flint Ignitor
Other recommended accessories:
B40-0319-01 Mold Cleaner for cartridge sizes #15-#65 (pg E-92)
B40-0319-03 Mold Cleaner for cartridge sizes #90-#500 (pg E-92)
B38-3922-00 Mold Cleaning Brush (pg E-92)
B38-0135-00 Cable Cleaning Brush (pg E-92)
B38-0330-00 Cable Clamp (pg E-92)

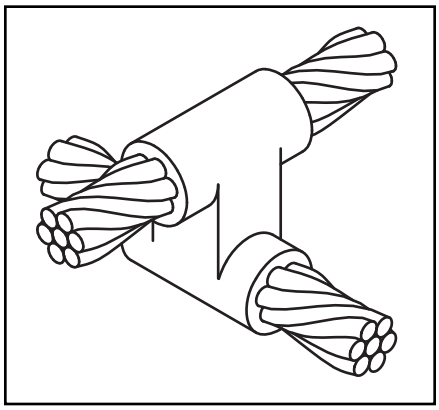
- For sizes not listed, contact BURNDY®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®.
- For expedited service, contact BURNDY®.

For mold types or BURNDYWeld® items not shown, please contact factory.

Blue highlighted items are industry standard and most frequently ordered.

TYPE BCC-11 MOLDS

Horizontal to Horizontal Cable Cross



Type BCC-11 Molds are used to join uncut horizontal cables at right angles to each other.

Size range is #6 through 500 kcmil solid or concentric stranded copper conductors.

Contact BURNDY® for information on molds for conductors not listed below.

E-66

Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Run	Tap				
#6	#6	**B-5432**	191*	45	N/A
#4	#4	**B-2687**	4	65	B-106
#2	#2	**B-2689**	4	90	B-106
	#4	**B-2690**	4	65	B-106
#1	#1	**B-2691**	4	115	B-106
	#2	**B-2692**	4	90	B-106
	#4	**B-2693**	4	90	B-106
1/0	1/0	**B-2694**	22	150	B-106
	#1	**B-2695**	22	150	B-106
	#2	**B-2696**	22	115	B-106
	#4	**B-2697**	22	115	B-106
2/0	2/0	**B-2698**	22	200	B-106
	1/0	**B-2699**	22	200	B-106
	#1	**B-2700**	22	150	B-106
	#2	**B-2701**	22	150	B-106
3/0	3/0	**B-2702**	22	250	B-106
	2/0	**B-2703**	22	200	B-106
	1/0	**B-2704**	22	200	B-106
	#1	**B-2705**	22	150	B-106
	#2	**B-2706**	22	150	B-106

Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Run	Tap				
4/0	4/0	**B-2707**	22	250	B-106
	3/0	**B-2708**	22	250	B-106
	2/0	**B-2709**	22	200	B-106
	1/0	**B-2710**	22	200	B-106
	#1	**B-2711**	22	150	B-106
	#2	**B-2712**	22	150	B-106
250 kcmil	250 kcmil	**B-2713**	22	2-150	B-106
	4/0	**B-2714**	22	2-150	B-106
	3/0	**B-2715**	22	2-150	B-106
	2/0	**B-2716**	22	250	B-106
	1/0	**B-2717**	22	150	B-106
	#1	**B-2718**	22	200	B-106
	#2	**B-2719**	22	150	B-106
500 kcmil	500 kcmil	**B-2747**	23	3-250	B-107
	250 kcmil	**B-2751**	23	500	B-107
	4/0	**B-2752**	23	500	B-107
	3/0	**B-2753**	23	500	B-107
	2/0	**B-2754**	23	2-200	B-107
	1/0	**B-2755**	22	2-150	B-106
	#1	**B-2756**	22	250	B-106
	#2	**B-2757**	22	250	B-106

- For sizes not listed, contact BURNDY®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®.
- For expedited service, contact BURNDY®.

Required Tools:
Handle Clamps (see chart for correct handles)
† Sold complete with handles
* **B38-0309-00** Flint Ignitor

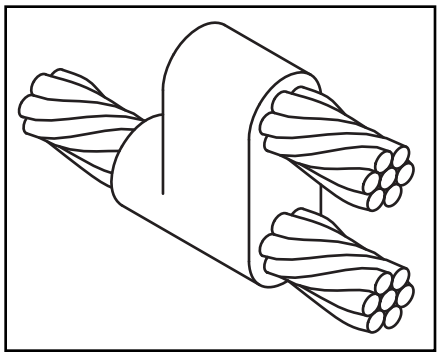
Other recommended accessories:
B40-0319-01 Mold Cleaner for cartridge sizes #15-#65 (pg E-92)
B40-0319-03 Mold Cleaner for cartridge sizes #90-#500 (pg E-92)
B38-3922-00 Mold Cleaning Brush (pg E-92)
B38-0135-00 Cable Cleaning Brush (pg E-92)
B38-0330-00 Cable Clamp (pg E-92)

For mold types or BURNDYWeld® items not shown, please contact factory.

Blue highlighted items are industry standard and most frequently ordered.

BCC-6 TYPE MOLDS

Horizontal Parallel Tap



BCC-6 Type Molds are used to join horizontal parallel tap to run connections. The tap cable is over the run cable.

Size range is #6 through 4/0 solid or concentric stranded copper conductors.

Contact BURNDY® for information on molds for conductors not listed below.

Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Run	Tap				
#6 Sol	#6 Sol	**B-1270**	4	25	B-106
#6	#6	**B-1271**	4	25	B-106
#4	#4	**B-1272**	4	32	B-106
	#6	**B-1273**	4	32	B-106
	#6 Sol	**B-1274**	4	32	B-106
	#8 Sol	**B-1275**	4	32	B-106
#2	#2	**B-1276**	4	65	B-106
	#4	**B-1277**	4	45	B-106
	#6	**B-1278**	4	32	B-106
	#6 Sol	**B-1279**	4	32	B-106
	#8 Sol	**B-1280**	4	32	B-106
#1	#1	**B-1281**	4	65	B-106
	#2	**B-1282**	4	65	B-106
	#4	**B-1283**	4	45	B-106
	#6	**B-1284**	4	45	B-106
	#6 Sol	**B-1285**	4	45	B-106
	#8 Sol	**B-1286**	4	45	B-106

Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Run	Tap				
1/0	1/0	**B-1287**	4	90	B-106
	#1	**B-1288**	4	90	B-106
	#2	**B-1289**	4	65	B-106
	#4	**B-1290**	4	65	B-106
	#6	**B-1291**	4	45	B-106
	#6 Sol	**B-1292**	4	45	B-106
	#8 Sol	**B-1293**	4	45	B-106
2/0	2/0	**B-1294**	4	115	B-106
	1/0	**B-1295**	4	115	B-106
	#1	**B-1296**	4	90	B-106
	#2	**B-1297**	4	90	B-106
	#4	**B-1298**	4	65	B-106
	#6	**B-1299**	4	65	B-106
	#6 Sol	**B-1300**	4	65	B-106
	#8 Sol	**B-1301**	4	65	B-106
4/0	4/0	**B-1302**	4	150	B-106
	2/0	**B-1303**	4	115	B-106
	1/0	**B-1304**	4	115	B-106
	#1	**B-1305**	4	115	B-106
	#2	**B-1306**	4	115	B-106
	#4	**B-1307**	4	90	B-106
	#6	**B-1308**	4	90	B-106
	#6 Sol	**B-1309**	4	90	B-106
	#8 Sol	**B-1310**	4	90	B-106

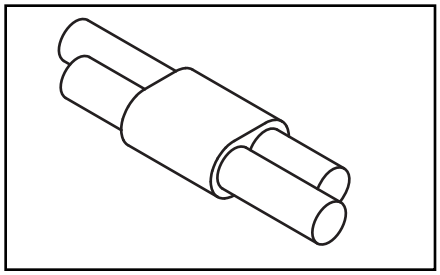
- For sizes not listed, contact BURNDY®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®.
- For expedited service, contact BURNDY®.

Required Tools:
Handle Clamps (see chart for correct handles)
Sold complete with handles
B38-0309-00 Flint Ignitor

Other recommended accessories:
B38-3922-00 Mold Cleaning Brush (pg E-92)
B38-0135-00 Cable Cleaning Brush (pg E-92)
B38-0330-00 Cable Clamp (pg E-92)

BCC-14 TYPE MOLDS

Horizontal Parallel through Cables



BCC-14 Type Molds are used to join horizontal parallel through run cables. Cables run side by side in the mold.

Size range is #8 through #6 solid or concentric stranded copper conductors.

Contact BURNDY® for information on molds for conductors not listed.

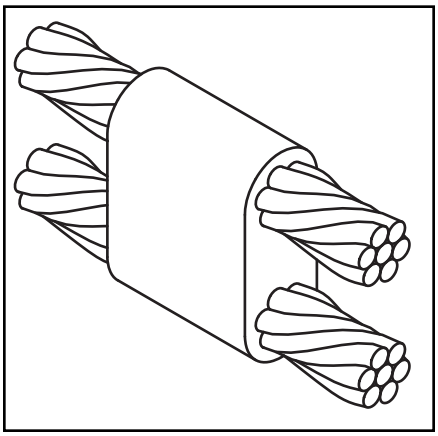
Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Run	Tap				
#8	#8	**B-5709**	18+	15	N/A
#6	#6	**B-5618**	18+	25	N/A

For mold types or BURNDYWeld® items not shown, please contact factory.

Blue highlighted items are industry standard and most frequently ordered.

BCC-7 TYPE MOLDS

Horizontal Parallel through Cables



BCC-7 Type Molds are used to join horizontal parallel through run cables. One cable runs above the other cable in the mold.

Size range is #6 through 4/0 solid or concentric stranded copper conductors.

Contact BURNDY® for information on molds for conductors not listed below.

E-68

Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Run	Tap				
#6	#6	Use Type BCC-14 on Page E-67	—	—	—
#4	#4	**B-1311**	4	32	B-106
	#6	**B-5627**	4	32	B-106
	#6 Sol	**B-8882**	4	32	B-106
	#8	**B-5629**	4	32	B-106
	#8 Sol	**B-5630**	4	32	B-106
#2	#2	**B-1313**	4	65	B-106
	#4	**B-1314**	4	65	B-106
	#6	**B-5631**	4	45	B-106
	#6 Sol	**B-5632**	4	45	B-106
	#8	**B-5634**	4	45	B-106
	#8 Sol	**B-5635**	4	45	B-106
#1	#1	**B-1315**	4	65	B-106
	#2	**B-1316**	4	65	B-106
	#4	**B-1317**	4	65	B-106
	#6	**B-5636**	4	65	B-106
	#6 Sol	**B-5637**	4	65	B-106
	#8	**B-5638**	4	45	B-106
	#8 Sol	**B-5639**	4	45	B-106
1/0	1/0	**B-1318**	4	90	B-106
	#1	**B-1319**	4	65	B-106
	#2	**B-1320**	4	65	B-106
	#4	**B-1321**	4	65	B-106
	#6	**B-5642**	4	65	B-106
	#6 Sol	**B-1208**	4	65	B-106
	#8	**B-5644**	4	65	B-106
	#8 Sol	**B-5645**	4	65	B-106

- For sizes not listed, contact BURNDY®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®.
- For expedited service, contact BURNDY®.

Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Run	Tap				
2/0	2/0	**B-1322**	4	115	B-106
	1/0	**B-1323**	4	115	B-106
	#1	**B-1324**	4	90	B-106
	#2	**B-1325**	4	90	B-106
	#4	**B-5659**	4	90	B-106
	#6	**B-5342**	4	90	B-106
	#6 Sol	**B-5652**	4	90	B-106
	#8	**B-5668**	4	65	B-106
3/0	#8 Sol	**B-5943**	4	65	B-106
	3/0	**B-1326**	4	150	B-106
	2/0	**B-1327**	4	150	B-106
	1/0	**B-1328**	4	115	B-106
	#1	**B-1329**	4	115	B-106
	#2	**B-1330**	4	115	B-106
	#4	**B-6046**	4	115	B-106
	#6	**B-5676**	4	90	B-106
	#6 Sol	**B-5679**	4	90	B-106
	#8	**B-5680**	4	90	B-106
	#8 Sol	**B-5682**	4	90	B-106
4/0	4/0	**B-1331**	4	200	B-106
	3/0	**B-1332**	4	200	B-106
	2/0	**B-1333**	4	150	B-106
	1/0	**B-1334**	4	150	B-106
	#1	**B-1335**	4	150	B-106
	#2	**B-1336**	4	150	B-106
	#4	**B-5340**	4	150	B-106
	#6	**B-5684**	4	90	B-106
	#6 Sol	**B-6552**	4	90	B-106
	#8	**B-5686**	4	90	B-106
	#8 Sol	**B-5688**	4	90	B-106

Required Tools:
Handle Clamps (see chart for correct handles)
B38-0309-00 Flint Ignitor
Other recommended accessories:
B38-3922-00 Mold Cleaning Brush (pg E-92)
B38-0135-00 Cable Cleaning Brush (pg E-92)
B38-0330-00 Cable Clamp (pg E-92)

For mold types or BURNDYWeld® items not shown, please contact factory.

Blue highlighted items are industry standard and most frequently ordered.

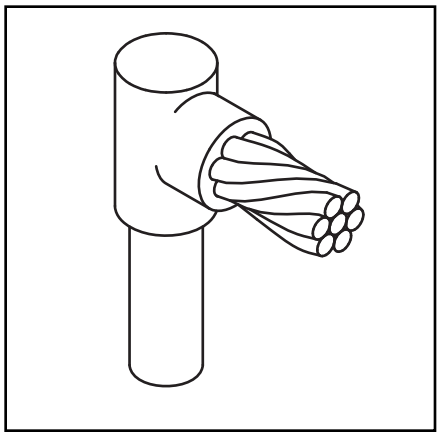
TYPE BCR-1 MOLDS

Horizontal Cable Terminal to Ground Rod

Type BCR-1 Molds are used to terminate horizontal copper cable at the top of a vertical ground rod.

Size range is #6 through 1000 kcmil solid or concentric stranded copper conductors; 1/2″ through 1″ for the ground rod.

Contact BURNDY® for information on molds for conductors not listed below.



E-69

Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Grd Rod	Tap				
1/2″	#6	**B-8402**	18†*	25	N/A
	#4	**B-8403**	18†*	25	N/A
	#2	**B-495**	4	65	B-106
	#1	**B-496**	4	65	B-106
	1/0	**B-497**	4	90	B-106
	2/0	**B-498**	4	90	B-106
	3/0	**B-499**	4	90	B-106
	4/0	**B-500**	4	90	B-106
	250 kcmil	**B-501**	4	90	B-106
	300 kcmil	**B-502**	4	90	B-106
5/8″	#6	**B-8414**	18†	32	N/A
	#4	**B-8415**	18†	32	N/A
	#2	**B-503**	4	65	B-106
	#1	**B-504**	4	65	B-106
	1/0	**B-505**	4	90	B-106
	2/0	**B-506**	4	90	B-106
	3/0	**B-507**	4	90	B-106
	4/0	**B-508**	4	90	B-106
	250 kcmil	**B-509**	4	90	B-106
	300 kcmil	**B-510**	4	115	B-106
	350 kcmil	**B-511**	4	115	B-106
	500 kcmil	**B-513**	4	150	B-106

- For sizes not listed, contact BURNDY®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- Molds listed are for copperclad ground rods. For welding to steel, stainless steel or galvanized steel ground rods add suffix "-N" to mold number.
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®.
- For expedited service, contact BURNDY®.

Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Grd Rod	Tap				
3/4″	#6	**B-8422**	181*	32	N/A
	#4	**B-8426**	191*	45	N/A
	#2	**B-5781**	4	90	B-106
	#1	**B-514**	4	90	B-106
	1/0	**B-515**	4	90	B-106
	2/0	**B-516**	4	90	B-106
	3/0	**B-517**	4	90	B-106
	4/0	**B-518**	4	90	B-106
	250 kcmil	**B-519**	4	90	B-106
	300 kcmil	**B-520**	4	115	B-106
	350 kcmil	**B-521**	4	115	B-106
	500 kcmil	**B-523**	4	150	B-106
	750 kcmil	**B-524**	4	250	B-106
1″	1/0	**B-525**	4	150	B-106
	2/0	**B-526**	4	150	B-106
	3/0	**B-527**	4	150	B-106
	4/0	**B-528**	4	150	B-106
	250 kcmil	**B-529**	4	150	B-106
	300 kcmil	**B-530**	4	200	B-106
	350 kcmil	**B-531**	4	200	B-106
	500 kcmil	**B-533**	4	200	B-106
	750 kcmil	**B-534**	4	250	B-106
	1000 kcmil	**B-535**	5	2-150	B-106

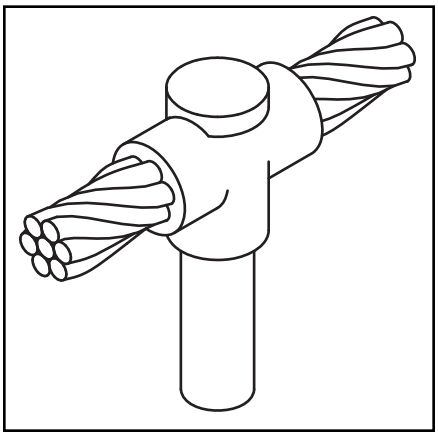
Required Tools:
Handle Clamps (see chart for correct handles)
† Sold complete with handles
* **B38-0309-00** Flint Ignitor (included)
Other recommended accessories:
B38-3922-00 Mold Cleaning Brush (pg E-92)
B38-0135-00 Cable Cleaning Brush (pg E-92)
B38-0304-00 File (pg E-93)
B38-0330-00 Cable Clamp (pg E-92)

For mold types or BURNDYWeld® items not shown, please contact factory.

Blue highlighted items are industry standard and most frequently ordered.

TYPE BCR-2 MOLDS

Horizontal Cable to Ground Rod



Type BCR-2 Molds are used to join horizontal through copper cable to the top of a vertical ground rod.

Size range is #6 through 1000 kcmil solid or concentric stranded copper conductors; 1/2″ through 1″ for the ground rod.

Contact BURNDY® for information on molds for conductors not listed below.

E-70

Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Grd Rod	Tap				
1/2″	#6	**B-8434**	181†*	32	N/A
	#4	**B-8435**	18†*	32	N/A
	#2	**B-537**	4	90	B-106
	#1	**B-538**	4	90	B-106
	1/0	**B-539**	4	90	B-106
	2/0	**B-540**	4	90	B-106
	3/0	**B-541**	4	115	B-106
	4/0	**B-542**	4	115	B-106
	250 kcmil	**B-543**	4	150	B-106
	300 kcmil	**B-544**	4	200	B-106
5/8″	#6	**B-8441**	18†*	32	N/A
	#4	**B-8442**	18†*	32	N/A
	#2	**B-545**	4	90	B-106
	#1	**B-546**	4	90	B-106
	1/0	**B-547**	4	90	B-106
	2/0	**B-548**	4	115	B-106
	3/0	**B-549**	4	115	B-106
	4/0	**B-550**	4	115	B-106
	250 kcmil	**B-551**	4	150	B-106
	300 kcmil	**B-532**	4	200	B-106
	350 kcmil	**B-553**	4	200	B-106
	500 kcmil	**B-555**	4	250	B-106

Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Grd Rod	Tap				
3/4″	#6	**B-8452**	19†*	45	N/A
	#4	**B-8454**	19†*	65	N/A
	#2	**B-556**	4	90	B-106
	#1	**B-557**	4	90	B-106
	1/0	**B-558**	4	115	B-106
	2/0	**B-559**	4	115	B-106
	3/0	**B-560**	4	115	B-106
	4/0	**B-561**	4	115	B-106
	250 kcmil	**B-562**	4	150	B-106
	300 kcmil	**B-563**	4	200	B-106
	350 kcmil	**B-564**	4	200	B-106
	500 kcmil	**B-566**	4	250	B-106
	750 kcmil	**B-567**	5	2-200	B-107
1″	1/0	**B-569**	4	150	B-106
	2/0	**B-570**	4	150	B-106
	3/0	**B-571**	4	150	B-106
	4/0	**B-572**	4	150	B-106
	250 kcmil	**B-573**	4	200	B-106
	300 kcmil	**B-574**	4	200	B-106
	350 kcmil	**B-575**	4	200	B-106
	500 kcmil	**B-577**	4	250	B-106
	750 kcmil	**B-578**	5	2-200	B-107
	1000 kcmil	**B-579**	5	500	B-107

- For sizes not listed, contact BURNDY®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- Molds listed are for copperclad ground rods. For welding to steel, stainless steel or galvanized steel ground rods add suffix "-N" to mold number.
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®.
- For expedited service, contact BURNDY®.

Required Tools:
Handle Clamps (see chart for correct handles)
† Sold complete with handles
*__B38-0309-00__ Flint Ignitor (included)
Other recommended accessories:
__B38-3922-00__ Mold Cleaning Brush (pg E-92)
__B38-0135-00__ Cable Cleaning Brush (pg E-92)
__B38-0304-00 File__ (pg E-93)
__B38-0330-00__ Cable Clamp (pg E-92)

For mold types or BURNDYWeld® items not shown, please contact factory.

Blue highlighted items are industry standard and most frequently ordered.

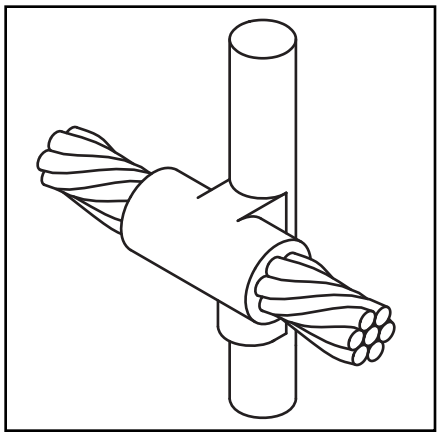
TYPE BCR-3 MOLDS

Horizontal Through Cable to Ground Rod

Type BCR-3 Molds are used to join horizontal through run cable to the side of a vertical ground rod.

Size range is #6 through 1000 kcmil solid or concentric stranded copper conductors; 1/2″ through 1″ for the ground rod.

Contact BURNDY® for information on molds for conductors not listed below.



E-71

Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Grd Rod	Tap				
1/2″	#6	**B-5321**	24	65	B-106
	#4	**B-2154**	24	90	B-106
	#2	**B-2155**	24	90	B-106
	#1	**B-2156**	24	115	B-106
	1/0	**B-1581**	24	115	B-106
	2/0	**B-1582**	24	115	B-106
	4/0	**B-1583**	24	150	B-106
	250 kcmil	**B-1584**	24	150	B-106
5/8″	#6	**B-5660**	24	65	B-106
	#4	**B-2157**	24	90	B-106
	#2	**B-2158**	24	90	B-106
	#1	**B-2159**	24	115	B-106
	1/0	**B-1586**	24	115	B-106
	2/0	**B-1587**	24	115	B-106
	4/0	**B-1588**	24	150	B-106
	250 kcmil	**B-1589**	24	150	B-106
	500 kcmil	**B-1593**	13	2-200	B-107

- For sizes not listed, contact BURNDY®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- Molds listed are for copperclad ground rods. For welding to steel, stainless steel or galvanized steel ground rods add suffix "-N" to mold number.
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®.
- For expedited service, contact BURNDY®.

Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Grd Rod	Tap				
3/4″	#6	**B-6630**	24	65	B-106
	#4	**B-2160**	24	90	B-106
	#2	**B-2161**	24	90	B-106
	#1	**B-2162**	24	115	B-106
	1/0	**B-1594**	24	115	B-106
	2/0	**B-1595**	24	115	B-106
	4/0	**B-1596**	24	150	B-106
	250 kcmil	**B-1597**	24	200	B-106
	500 kcmil	**B-1601**	13	500	B-107
	750 kcmil	**B-1602**	13	3-250	B-107
1″	#6	**B-6906**	24	90	B-106
	#4	**B-2163**	24	90	B-106
	#2	**B-2164**	24	90	B-106
	#1	**B-2165**	24	115	B-106
	1/0	**B-1603**	24	15	B-106
	2/0	**B-1604**	24	115	B-106
	4/0	**B-1605**	24	150	B-106
	250 kcmil	**B-1606**	24	200	B-106
	500 kcmil	**B-1610**	13	500	B-107
	750 kcmil	**B-1611**	13	3-250	B-107

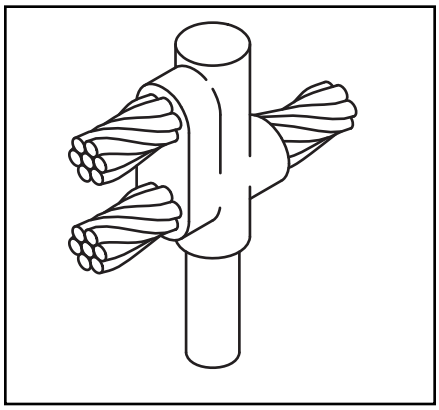
Required Tools:
Handle Clamps (see chart for correct handles)
B38-0309-00 Flint Ignitor
Other recommended accessories:
B38-3922-00 Mold Cleaning Brush (pg E-92)
B38-0135-00 Cable Cleaning Brush (pg E-92)
B38-0330-00 Cable Clamp (pg E-92)
B38-0304-00 File (pg E-93)

For mold types or BURNDYWeld® items not shown, please contact factory.

Blue highlighted items are industry standard and most frequently ordered.

TYPE BCR-17 MOLDS

Horizontal Run and Tap Cables to Ground Rod



Type BCR-17 Molds are used to join horizontal run and tap cables to the top of a vertical ground rod.

Size range is #4 through 750 kcmil solid or concentric stranded copper conductors; 1/2″ through 1″ for the ground rod.

Contact BURNDY® for information on molds for conductors not listed below.

E-72

Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Grd Rod	Tap				
1/2″	#4	**B-5416**	4	90	B-106
	#2	**B-6165**	4	90	B-106
	#1	**B-5830**	4	90	B-106
	1/0	**B-5940**	4	115	B-106
	2/0	**B-5850**	4	150	B-106
	3/0	**B-5833**	4	200	B-106
	4/0	**B-5380**	4	200	B-106
5/8″	#4	**B-5972**	4	90	B-106
	#2	**B-5935**	4	115	B-106
	#1	**B-5699**	4	115	B-106
	1/0	**B-5746**	4	150	B-106
	2/0	**B-5963**	4	200	B-106
	3/0	**B-5734**	4	250	B-106
	4/0	**B-5732**	4	250	B-106
	250 kcmil	**B-5722**	5	2-150	B-107

- For sizes not listed, contact BURNDY®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- Molds listed are for copperclad ground rods. For welding to steel, stainless steel or galvanized steel ground rods add suffix "-N" to mold number.
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®.
- For expedited service, contact BURNDY®.

Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Grd Rod	Tap				
3/4″	#4	**B-5698**	4	90	B-106
	#2	**B-5294**	4	115	B-106
	#1	**B-5390**	4	115	B-106
	1/0	**B-6025**	4	150	B-106
	2/0	**B-5738**	4	200	B-106
	3/0	**B-6003**	4	250	B-106
	4/0	**B-2566**	4	250	B-106
	250 kcmil	**B-5904**	5	2-150	B-107
	300 kcmil	**B-5857**	5	2-200	B-107
	350 kcmil	**B-5777**	5	2-200	B-107
	500 kcmil	**B-5961**	5	3-200	B-106
1″	#4	**B-5556**	4	115	B-106
	#2	**B-5555**	4	150	B-106
	#1	**B-6048**	4	150	B-106
	1/0	**B-5992**	4	200	B-106
	2/0	**B-5877**	4	250	B-106
	3/0	**B-5821**	5	2-150	B-107
	4/0	**B-5820**	5	2-150	B-107
	250 kcmil	**B-5804**	5	2-200	B-107
	300 kcmil	**B-5803**	5	500	B-107
	350 kcmil	**B-5561**	5	500	B-107
	500 kcmil	**B-5515**	6	3-250	B-107
	750 kcmil	**B-5513**	6	2-500	B-107

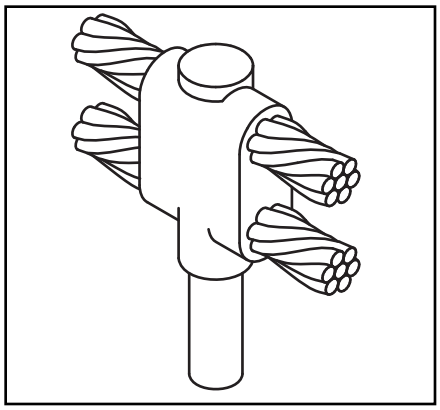
Required Tools:
Handle Clamps (see chart for correct handles)
B38-0309-00 Flint Ignitor
Other recommended accessories:
B38-3922-00 Mold Cleaning Brush (pg E-92)
B38-0135-00 Cable Cleaning Brush (pg E-92)
B38-0330-00 Cable Clamp (pg E-92)
B38-0304-00 File (pg E-93)

For mold types or BURNDYWeld® items not shown, please contact factory.

Blue highlighted items are industry standard and most frequently ordered.

TYPE BCR-24 MOLDS

Horizontal Parallel Run Cables to Ground Rod



Type BCR-24 Molds are used to join horizontal parallel cables to the top of a vertical ground rod.

Size range is #4 through 750 kcmil solid or concentric stranded copper conductors; 1/2″ through 1″ for the ground rod.

Contact BURNDY® for information on molds for conductors not listed below.

E-73

Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Grd Rod	Tap				
1/2″	#4	**B-5640**	4	115	B-106
	#2	**B-5667**	4	115	B-106
	#1	**B-6002**	4	115	B-106
	1/0	**B-5767**	4	150	B-106
	2/0	**B-5604**	4	200	B-106
	3/0	**B-5560**	4	250	B-106
	4/0	**B-6766**	4	250	B-106
5/8″	#4	**B-6208**	4	115	B-106
	#2	**B-5702**	4	150	B-106
	#1	**B-5517**	4	150	B-106
	1/0	**B-5573**	4	200	B-106
	2/0	**B-8451**	4	250	B-106
	3/0	**B-2510**	5	2-150	B-107
	4/0	**B-5428**	5	2-150	B-107
	250 kcmil	**B-1212**	5	2-200	B-107
	300 kcmil	**B-2084**	5	500	B-107
	350 kcmil	**B-2558**	5	500	B-107
	500 kcmil	**B-2450**	5	3-250	B-107

- For sizes not listed, contact BURNDY®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- Molds listed are for copperclad ground rods. For welding to steel, stainless steel or galvanized steel ground rods add suffix "-N" to mold number.
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®.
- For expedited service, contact BURNDY®.

Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Grd Rod	Tap				
3/4″	#4	**B-8011**	4	115	B-106
	#2	**B-2320**	4	150	B-106
	#1	**B-2235**	4	150	B-106
	1/0	**B-6051**	4	200	B-106
	2/0	**B-8802**	4	250	B-106
	3/0	**B-8726**	5	2-150	B-107
	4/0	**B-5677**	5	2-150	B-107
	250 kcmil	**B-8461**	5	2-200	B-107
	300 kcmil	**B-8428**	5	500	B-107
	350 kcmil	**B-6294**	5	500	B-107
	500 kcmil	**B-8214**	5	3-250	B-107
	750 kcmil	**B-8027**	6	2-500	B-107
1″	#4	**B-5330**	4	150	B-106
	#2	**B-5332**	4	200	B-106
	#1	**B-5333**	4	200	B-106
	1/0	**B-5334**	4	250	B-106
	2/0	**B-5335**	5	2-150	B-107
	3/0	**B-5336**	5	2-200	B-107
	4/0	**B-5337**	5	2-200	B-107
	250 kcmil	**B-5338**	5	500	B-107
	300 kcmil	**B-5341**	5	3-200	B-107
	350 kcmil	**B-5351**	5	3-200	B-107
	500 kcmil	**B-5352**	6	2-500	B-107
	750 kcmil	**B-5353**	64	5-250	B-107

Required Tools:
Handle Clamps (see chart for correct handles)
B38-0309-00 Flint Ignitor
‡ Crucible B-181 required
Other recommended accessories:
B38-3922-00 Mold Cleaning Brush (pg E-92)
B38-0135-00 Cable Cleaning Brush (pg E-92)
B38-0330-00 Cable Clamp (pg E-92)
B38-0304-00 File (pg E-93)

For mold types or BURNDYWeld® items not shown, please contact factory.

Blue highlighted items are industry standard and most frequently ordered.

SINGLE SHOT MOLDS

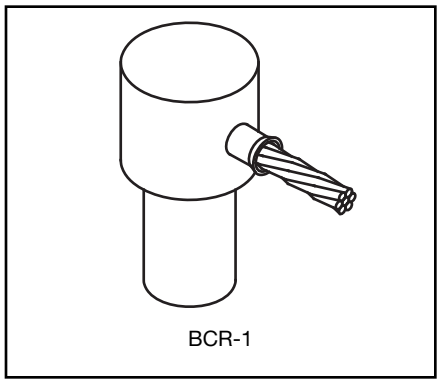
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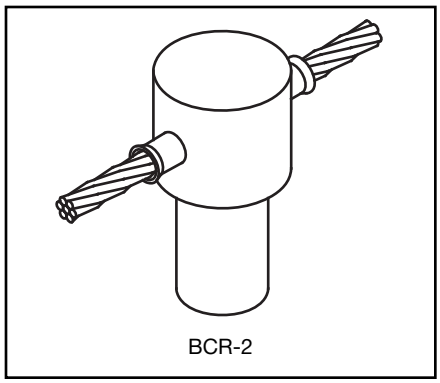
BURNDYWeld® Single Shot Molds are an economical way to make cable connections onto the top of a ground rod. The Single Shot is a disposable single use ceramic mold that comes complete with everything required except the Flint Ignitor.

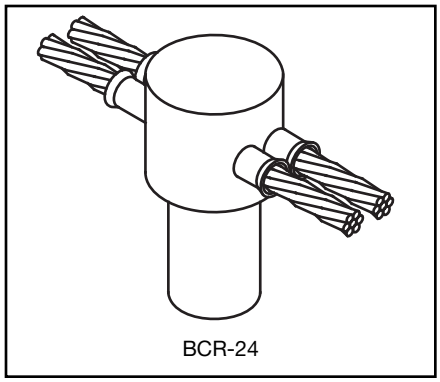
E-74

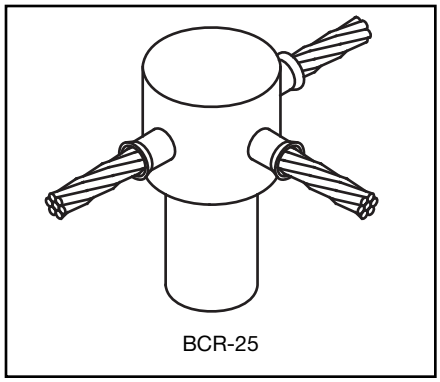
Ground Rod Size	Cable Size		Type	Mold Number	Cadweld® Part #
	Solid	Stranded			
1/2″	#6, #8	#8	BCR-1 •	**BS-2009**	GR1-141G
	#3, #4	#4, #6	BCR-1 •	**BS-2010**	GR1-141L
	#1, #2	#2, #3	BCR-1 •	**BS-2011**	GR1-141V
	#6, #8	#8	BCR-2 •	**BS-2024**	GT1-141G
	#3, #4	#4, #6	BCR-2 •	**BS-2025**	GT1-141L
	#1, #2	#2, #3	BCR-2 •	**BS-2026**	GT1-141V
5/8″	#6, #8	#8	BCR-1 •	**BS-2012**	GT1-161G
	#3, #4	#4, #6	BCR-1 •	**BS-2013**	GT1-141L
	#1, #2	#2, #3	BCR-1 •	**BS-2014**	GR1-161V
	2/0, 1/0	1/0, #1	BCR-1 •	**BS-2015**	GR1-162C
		2/0	BCR-1 •	**BS-2016**	GR1-162G
	#6, #8	#8	BCR-2 •	**BS-2027**	FRT1-161G
	#3, #4	#4, #6	BCR-2 •	**BS-2028**	GT1-161L
	#1, #2	#2, #3	BCR-2 •	**BS-2029**	GT1-161V
	2/0, 1/0	1/0, #1	BCR-2 •	**BS-2030**	GT1-162C
	#6, #8	#8	BCR-24	**BS-2105**	NX1-161G
	#3, #4	#4, #6	BCR-14	**BS-2106**	NX1-161L
	#1, #2	#2, #3	BCR-24	**BS-2107**	NX1-161V
	#6, #8	#8	BCR-25	**BS-2006**	NT1-161G
	#3, #4	#4, #6	BCR-25	**BS-2007**	NT1-161L
	#1, #2	#2, #3	BCR-25	**BS-2008**	NT1-161V
3/4″	#6, #8	#8	BCR-1	**BS-2017**	GR1-181G
	#3, #4	#4, #6	BCR-1 •	**BS-2018**	GR1-181L
	#1, #2	#2, #3	BCR-1 •	**BS-2019**	GR1-181V
	2/0, 1/0	1/0, #1	BCR-1 •	**BS-2020**	GR1-182C
		2/0	BCR-1 •	**BS-2021**	GR1-182G
	#6, #8	#8	BCR-2 •	**BS-2031**	GT1-181G
	#3, #4	#4, #6	BCR-2 •	**BS-2032**	GT1-181L
	#1, #2	#2, #3	BCR-2 •	**BS-2033**	GT1-181V
	2/0, 1/0	1/0, #1	BCR-2 •	**BS-2034**	T1-182C
	#6, #8	#8	BCR-24	**BS-2108**	NX1-181G
	#3, #4	#4, #6	BCR-24	**BS-2109**	NX1-181L
	#1, #2	#2, #3	BCR-24	**BS-2110**	NX1-181V
	#6, #8	#8	BCR-25 •	**BS-2068**	NT1-181G
	#3, #4	#4, #6	BCR-25 •	**BS-2069**	NT1-181L
	#1, #2	#2, #3	BCR-25 •	**BS-2070**	NT1-181V

Cadweld® is a registered trademark of the Erico International Corporation.
• UL Listed.


BCR-1


BCR-2


BCR-24

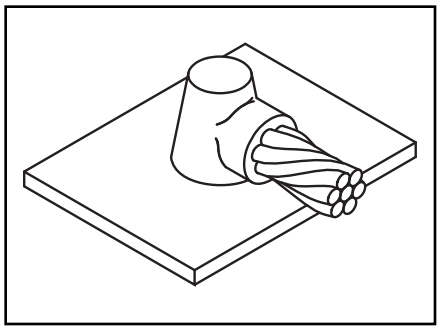

BCR-25

For mold types or BURNDYWeld® items not shown, please contact factory.

Blue highlighted items are industry standard and most frequently ordered.

TYPE BCS-1 MOLDS

Horizontal Cable to Horizontal Steel Surface



Type BCS-1 Molds are used to terminate a horizontal copper cable to any horizontal steel surface. Note that the cable is **OFF** the surface.

Size range is 1/0 through 1000 kcmil solid or concentric stranded copper conductors.

Contact BURNDY® for information on molds for conductors not listed below.

Cable Size	Mold Number	Price Key	Weld Metal	Handle Clamps
1/0	**B-644**	4	90	B-106
2/0	**B-645**	4	90	B-106
3/0	**B-646**	4	115	B-106
4/0	**B-647**	4	115	B-106
250 kcmil	**B-648**	4	115	B-106
300 kcmil	**B-649**	4	150	B-106
350 kcmil	**B-650**	4	200	B-106
500 kcmil	**B-652**	4	200	B-106
750 kcmil	**B-653**	5	2-150	B-106
1000 kcmil	**B-654**	5	2-200	B-107

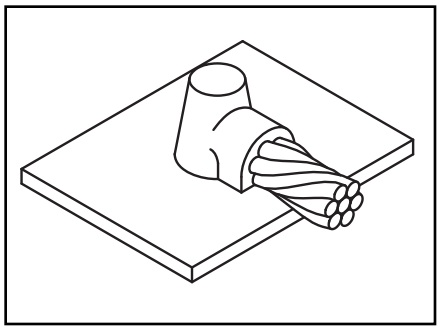
- For sizes not listed, contact BURNDY®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®.
- For expedited service, contact BURNDY®.

Required Tools:
Handle Clamps (see chart for correct handles)
B38-0309-00 Flint Ignitor

Other recommended accessories:
B38-3922-00 Mold Cleaning Brush (pg E-92)
B38-0135-00 Cable Cleaning Brush (pg E-92)
B38-0330-00 Cable Clamp (pg E-92)
B38-0101-00 Rasp (pg E-93)

TYPE BCS-8 MOLDS

Horizontal Cable to Horizontal Steel Surface



Type BCS-8 Molds are used to terminate a horizontal copper cable to any horizontal steel surface. Note that the cable is **ON** the surface.

Size range is #6 through 1000 kcmil solid or concentric stranded copper conductors.

Contact BURNDY® for information on molds for conductors not listed below.

Cable Size	Mold Number	Price Key	Weld Metal	Handle Clamps
#6	**B-628**	3†**	45	N/A
#4	**B-629**	3†*	45	N/A
#2	**B-630**	3†*	45	N/A
#1	**B-631**	3†*	65	N/A
1/0	**B-7146**	4	90	B-106
2/0	**B-7075**	4	90	B-106
3/0	**B-2199**	4	115	B-106
4/0	**B-6114**	4	115	B-106
250 kcmil	**B-2200**	4	115	B-106
300 kcmil	**B-2506**	4	150	B-106
350 kcmil	**B-2507**	4	200	B-106
500 kcmil	**B-2509**	4	200	B-106
750 kcmil	**B-2542**	5	2-150	B-107
1000 kcmil	**B-2511**	5	2-200	B-107

- For sizes not listed, contact BURNDY®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®.
- For expedited service, contact BURNDY®.

Required Tools:
Handle Clamps (see chart for correct handles)
† Sold complete with frame
* **B38-0309-00** Flint Ignitor (included)

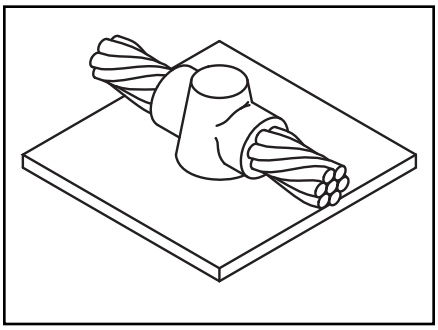
Other recommended accessories:
B38-3922-00 Mold Cleaning Brush (pg E-92)
B38-0135-00 Cable Cleaning Brush (pg E-92)
B38-0330-00 Cable Clamp (pg E-92)
B38-0101-00 Rasp (pg E-93)

For mold types or BURNDYWeld® items not shown, please contact factory.

Blue highlighted items are industry standard and most frequently ordered.

TYPE BCS-2 MOLDS

Horizontal Through Cable to Horizontal Steel Surface



Type BCS-2 Molds are used to join horizontal through copper cable to any horizontal steel surface. Note the cable is **OFF** the surface.

Size range is 1/0 through 1000 kcmil solid or concentric stranded copper conductors.

Contact BURNDY® for information on molds for conductors not listed below.

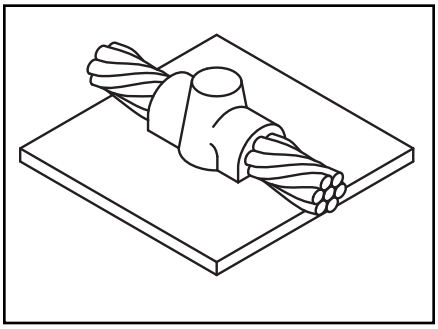
Cable Size	Mold Number	Price Key	Weld Metal	Handle Clamps
1/0	**B-616**	4	90	B-106
2/0	**B-617**	4	115	B-106
3/0	**B-618**	4	115	B-106
4/0	**B-619**	4	150	B-106
250 kcmil	**B-620**	4	150	B-106
300 kcmil	**B-621**	4	200	B-106
350 kcmil	**B-622**	4	250	B-106
500 kcmil	**B-624**	5	2-150	B-107
750 kcmil	**B-625-H**	5	3-250	B-107
1000 kcmil	**B-626-H**	5	2-500	B-107

- For sizes not listed, contact BURNDY®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®.
- For expedited service, contact BURNDY®.

Required Tools:
Handle Clamps (see above for correct handles)
B38-0309-00 Flint Ignitor
Other recommended accessories:
B38-3922-00 Mold Cleaning Brush (pg E-92)
B38-0135-00 Cable Cleaning Brush (pg E-92)
B38-0101-00 Rasp (pg E-93)

TYPE BCS-9 MOLDS

Horizontal Through Cable to Horizontal Steel Surface



Type BCS-9 Molds are used to join horizontal through copper cable to any horizontal steel surface. Note the cable is **ON** the surface.

Size range is #6 through 500 kcmil solid or concentric stranded copper conductors.

Contact BURNDY® Products for information on molds for conductors not listed below.

Cable Size	Mold Number	Price Key	Weld Metal	Handle Clamps
#6	**B-602**	3†*	45	N/A
#4	**B-603**	3†*	45	N/A
#2	**B-604**	3†*	45	N/A
#1	**B-605**	3†*	65	N/A
1/0	**B-8379**	4	90	B-106
2/0	**B-5331**	4	115	B-106
3/0	**B-8381**	4	115	B-106
4/0	**B-7192**	4	150	B-106
250 kcmil	**B-8413**	4	150	B-106
300 kcmil	**B-8423**	4	200	B-106
350 kcmil	**B-8410**	4	250	B-106
500 kcmil	**B-5065**	5	2-150	B-107

- For sizes not listed, contact BURNDY®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®.
- For expedited service, contact BURNDY®.

Required Tools:
Handle Clamps (see chart for correct handles)
† Sold complete with handle frame
* **B38-0309-00** Flint Ignitor (included)
Other recommended accessories:
B40-0319-01 Mold Cleaner for cartridge sizes #15-#65 (pg E-92)
B40-0319-03 Mold Cleaner for cartridge sizes #90-#500 (pg E-92)
B38-3922-00 Mold Cleaning Brush (pg E-92)
B38-0135-00 Cable Cleaning Brush (pg E-92)
B38-0101-00 Rasp (pg E-93)

For mold types or BURNDYWeld® items not shown, please contact factory.

Blue highlighted items are industry standard and most frequently ordered.

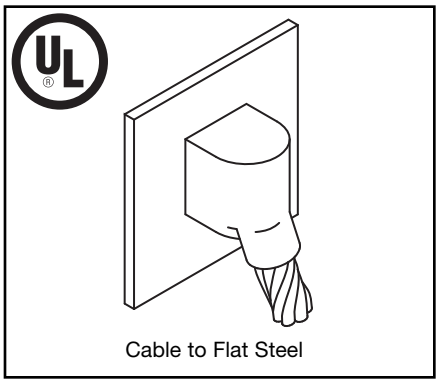
TYPE BCS-3 MOLDS

Angular Cable Drop to Vertical Steel Surface

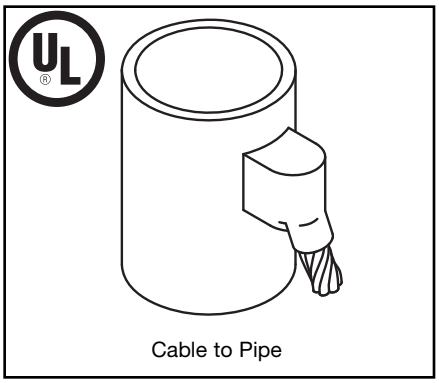
Type BCS-3 Molds are used to join the end of a copper cable at a 45° angle to a vertical steel surface.

Size range is #6 through 1000 kcmil solid or concentric stranded copper conductors.

Contact BURNDY® for information on molds for conductors not listed below.



Cable to Flat Steel



Cable to Pipe

E-77

Cable to Flat Steel

Cable Size	Mold Number	Price Key	Weld Metal	Handle Clamps
#6	**B-585**	4	45	B-106
#4	**B-586**	4	45	B-106
#3	**B-587**	4	45	B-106
#2	**B-588**	4	45	B-106
#1	**B-589**	4	65	B-106
1/0	**B-590**	4	90	B-106
2/0	**B-591**	4	90	B-106
3/0	**B-592**	4	115	B-106
4/0	**B-593**	4	115	B-106
250 kcmil	**B-594**	4	115	B-106
300 kcmil	**B-595**	4	150	B-106
350 kcmil	**B-596**	4	200	B-106
500 kcmil	**B-598**	4	200	B-106
750 kcmil	**B-599**	5	2-150	B-107
1000 kcmil	**B-600**	5	2-200	B-107

- For sizes not listed, contact BURNDY®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®.
- For expedited service, contact BURNDY®.

Required Tools:
Handle Clamps (see chart for correct handles)
B38-0309-00 Flint Ignitor

Other recommended accessories:
Magnetic Clamps to hold molds against vertical steel (pg E-89)
B38-3922-00 Mold Cleaning Brush (pg E-92)
B38-0135-00 Cable Cleaning Brush (pg E-92)
B38-0101-00 Rasp (pg E-93)

Cable to Pipe

Cable Size	Pipe Size	Mold Number	Price Key	Weld Metal	Handle Clamps
#4	1-1/4" to 4"	**B-2476**	4	45	B-106
	4" to 6"	**B-2477**	4	45	B-106
	6" to 10"	**B-2478**	4	45	B-106
	12" & up	**B-586** ‡	4	45	B-106
#2 Sol	1-1/4" to 4"	**B-9233-S**	4	45	B-106
	4" to 6"	**B-2480-S**	4	45	B-106
	6" to 10"	**B-2583-S**	4	45	B-106
	12" & up	**B-588-S** ‡	4	45	B-106
#2	1-1/4" to 4"	**B-9233**	4	45	B-106
	4" to 6"	**B-2480**	4	45	B-106
	6" to 10"	**B-2583**	4	45	B-106
	12" & up	**B-588** ‡	4	45	B-106
#1	1-1/4" to 4"	**B-2482**	4	65	B-106
	4" to 6"	**B-2483**	4	65	B-106
	6" to 10"	**B-2484**	4	65	B-106
	12" & up	**B-589** ‡	4	65	B-106
1/0	1-1/4" to 4"	**B-2486**	4	90	B-106
	4" to 6"	**B-2487**	4	90	B-106
	6" to 10"	**B-2488**	4	90	B-106
	12" & up	**B-590** ‡	4	90	B-106
2/0	1-1/4" to 4"	**B-8833**	4	90	B-106
	4" to 6"	**B-2490**	4	90	B-106
	6" to 10"	**B-2491**	4	90	B-106
	12" & up"	**B-591** ‡	4	90	B-106
3/0	1-1/4" to 4"	**B-2493**	4	115	B-106
	4" to 6"	**B-2494**	4	115	B-106
	6" to 10"	**B-2495**	4	115	B-106
	12" & up	**B-592** ‡	4	115	B-106
4/0	1-1/4" to 4"	**B-9021**	4	115	B-106
	4" to 6"	**B-2497**	4	115	B-106
	6" to 10"	**B-2498**	4	115	B-106
	12" & up	**B-593** ‡	4	115	B-106

- For sizes not listed, contact BURNDY®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®.
- For expedited service, contact BURNDY®.

Required Tools:
Handle Clamps (see chart for correct handles)
B38-0309-00 Flint Ignitor

Other recommended accessories:
B106-32 Vertical Chain Clamp w/ B-106 Handles for 4" Pipe & smaller
B40-0106-27 20" Chain Extension for 4" to 10" Pipe
Use (2) 20" Chain Extensions for pipe sizes between 10" and 16"
B38-3922-00 Mold Cleaning Brush (pg E-92)
B38-0135-00 Cable Cleaning Brush (pg E-92)
B38-0101-00 Rasp (pg E-93)

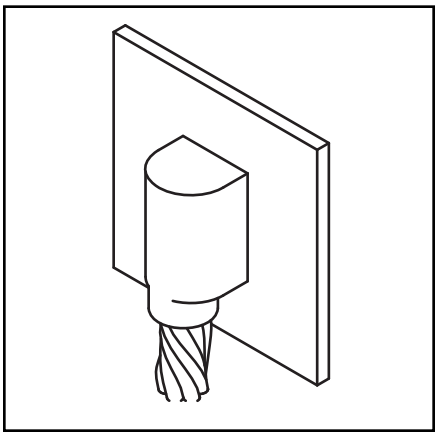
‡ Flat Surface Mold

For mold types or BURNDYWeld® items not shown, please contact factory.

Blue highlighted items are industry standard and most frequently ordered.

TYPE BCS-23 MOLDS

Vertical Cable Drop to Vertical Steel Surface



Type BCS-23 Molds are used to join vertical cable down to a vertical steel surface. Note that the cable is **OFF** the surface.

Size range is #6 through 500 kcmil solid or concentric stranded copper conductors.

Contact BURNDY® for information on molds for conductors not listed below.

Cable Size	Mold Number	Price Key	Weld Metal	Handle Clamps
#6	**B-5389**	4	45	B-106
#4	**B-5359**	4	65	B-106
#2	**B-2781**	4	65	B-106
#1	**B-5361**	4	90	B-106
1/0	**B-2189**	4	115	B-106
2/0	**B-2540**	4	115	B-106
3/0	**B-5362**	4	150	B-106
4/0	B-8718	4	150	B-106
250 kcmil	**B-8165**	4	200	B-106
300 kcmil	**B-5363**	4	200	B-106
350 kcmil	**B-9029**	4	250	B-106
500 kcmil	**B-8512**	17	2-150	B-106

- For sizes not listed, contact BURNDY®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®.
- For expedited service, contact BURNDY®.

Required Tools:
Handle Clamps (see chart for correct handles)
B38-0309-00 Flint Ignitor

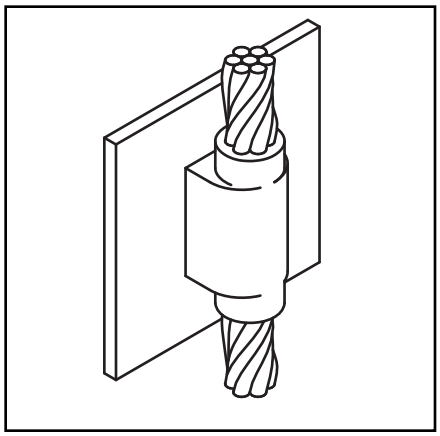
Other recommended accessories:
Magnetic Clamps to hold molds against vertical steel
B38-3922-00 Mold Cleaning Brush (pg E-92)
B38-0135-00 Cable Cleaning Brush (pg E-92)
B38-0101-00 Rasp (pg E-93)

For mold types or BURNDYWeld® items not shown, please contact factory.

Blue highlighted items are industry standard and most frequently ordered.

TYPE BCS-4 MOLDS

Vertical Through Cable to Vertical Steel Surface



Type BCS-4 Molds are used to join a vertical through copper cable to a vertical steel surface. Note that the cable is **OFF** the surface. For molds with the cable on the surface, contact BURNDY® Products.

Size range is #6 through 500 kcmil solid or concentric stranded copper conductors.

Contact BURNDY® for information on molds for conductors not listed below.

Cable Size	Mold Number	Price Key	Weld Metal	Handle Clamps
#6	**B-1215**	4	90	B-106
#4	**B-1216**	4	90	B-106
#2	**B-1218**	4	115	B-106
#1	**B-1219**	4	115	B-106
1/0	**B-1220**	17	200	B-106
2/0	**B-1221**	17	200	B-106
3/0	**B-1222**	17	250	B-106
4/0	**B-1223**	17	250	B-106
250 kcmil	**B-1224**	17	250	B-106
300 kcmil	**B-1225-H**	6	500	B-107
350 kcmil	**B-1226-H**	6	3-200	B-107
500 kcmil	**B-1228-H**	6	3-250	B-107

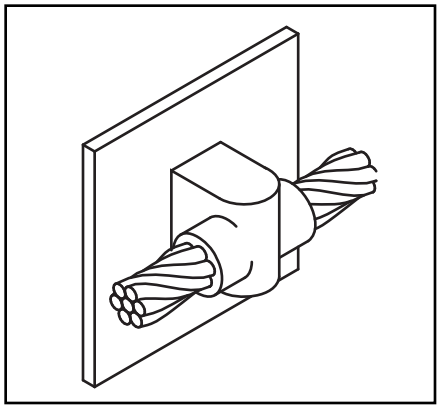
- For sizes not listed, contact BURNDY®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®.
- For expedited service, contact BURNDY®.

Required Tools:
Handle Clamps (see chart for correct handles)
B38-0309-00 Flint Ignitor

Other recommended accessories:
Magnetic Clamps to hold molds against vertical steel
B38-3922-00 Mold Cleaning Brush (pg E-92)
B38-0135-00 Cable Cleaning Brush (pg E-92)
B38-0101-00 Rasp (pg E-93)

TYPE BCS-6 MOLDS

Horizontal Through Cable to Vertical Steel Surface



Type BCS-6 Molds are used to join horizontal through copper cable to a vertical steel surface. Note that the cable is **OFF** the surface.

Size range is #6 through 250 kcmil solid or concentric stranded copper conductors.

Contact BURNDY® for information on molds for conductors not listed below.

Cable Size	Mold Number	Price Key	Weld Metal	Handle Clamps
#6	**B-1626**	4	65	B-106
#4	**B-1627**	4	65	B-106
#2	**B-1628**	4	65	B-106
#1	**B-1629**	4	90	B-106
1/0	**B-1630**	4	115	B-106
2/0	**B-1631**	4	115	B-106
3/0	**B-1632**	4	150	B-106
4/0	**B-1633**	4	150	B-106
250 kcmil	**B-1634**	4	150	B-106

- For sizes not listed, contact BURNDY®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®.
- For expedited service, contact BURNDY®.

Required Tools:
Handle Clamps (see chart for correct handles)
B38-0309-00 Flint Ignitor

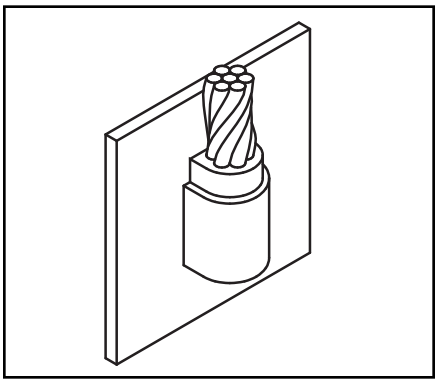
Other recommended accessories:
B40-0319-01 Mold Cleaner for cartridge sizes #15-#65 (pg E-92)
B40-0319-03 Mold Cleaner for cartridge sizes #90-#500 (pg E-92)
B38-3922-00 Mold Cleaning Brush (pg E-92)
B38-0135-00 Cable Cleaning Brush (pg E-92)
B38-0101-00 Rasp (pg E-93)

For mold types or BURNDYWeld® items not shown, please contact factory.

Blue highlighted items are industry standard and most frequently ordered.

TYPE BCS-7 MOLDS

Overhead Vertical Tap Cable to Vertical Steel Surface



Type BCS-7 Molds are used to join an overhead vertical copper conductor drop tap to a vertical steel surface.

Size range is #6 through 1000 kcmil solid or concentric stranded copper conductors.

Contact BURNDY® for information on molds for conductors not listed below.

Cable Size	Mold Number	Price Key	Weld Metal	Handle Clamps
#6	**B-1635**	4	65	B-106
#4	**B-1636**	4	65	B-106
#3	**B-1637**	4	65	B-106
#2	**B-1638**	4	65	B-106
#1	**B-1639**	4	90	B-106
1/0	**B-1640**	4	150	B-106
2/0	**B-1641**	4	150	B-106
3/0	**B-1642**	17	200	B-106
4/0	**B-1643**	17	200	B-106
250 kcmil	**B-1644**	17	200	B-106
300 kcmil	**B-1645**	17	250	B-106
350 kcmil	**B-1646**	6	2-150	B-107
500 kcmil	**B-1648**	6	2-200	B-107
750 kcmil	**B-1649**	6	500	B-107
1000 kcmil	**B-1650**	6	3-200	B-107

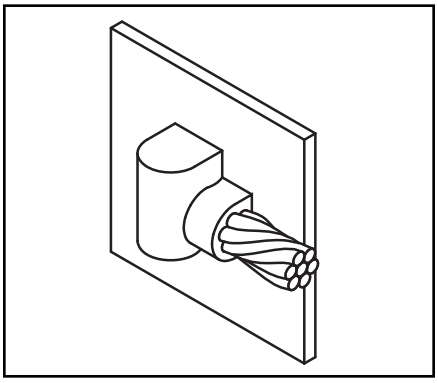
- For sizes not listed, contact BURNDY®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®.
- For expedited service, contact BURNDY®.

Required Tools:
Handle Clamps (see chart for correct handles)
B38-0309-00 Flint Ignitor

Other recommended accessories:
Magnetic Clamps to hold molds against vertical steel
B38-3922-00 Mold Cleaning Brush (pg E-92)
B38-0135-00 Cable Cleaning Brush (pg E-92)
B38-0101-00 Rasp (pg E-93)

TYPE BCS-18 MOLDS

Horizontal Tap Cable to Vertical Steel Surface



Type BCS-18 Molds are used to connect a horizontal conductor to a vertical steel surface. Note that the cable is **ON** the surface.

Size range is #6 through 500 kcmil solid or concentric stranded copper conductors.

Contact BURNDY® for information on molds for conductors not listed below.

Cable Size	Mold Number	Price Key	Weld Metal	Handle Clamps
#6	**B-5910**	4	45	B-106
#4	**B-2761**	4	45	B-106
#2	**B-2569**	4	45	B-106
#1	**B-6060**	4	65	B-106
1/0	**B-5419**	4	90	B-106
2/0	**B-2567**	4	90	B-106
3/0	**B-6072**	4	115	B-106
4/0	**B-9253**	4	115	B-106
250 kcmil	**B-2568**	4	115	B-106
300 kcmil	**B-6061**	4	150	B-106
350 kcmil	**B-6067**	4	200	B-106
500 kcmil	**B-8359**	4	200	B-106

NOTE: Add (-R) to mold number for right hand mold or (-L) for left hand mold. Right hand (-R) mold will be furnished if not specified.

- For sizes not listed, contact BURNDY®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®.
- For expedited service, contact BURNDY®.

Required Tools:
Handle Clamps (see chart for correct handles)
B38-0309-00 Flint Ignitor

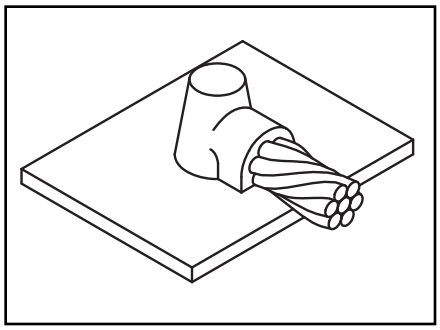
Other recommended accessories:
Vertical Chain Clamps
B38-3922-00 Mold Cleaning Brush (pg E-92)
B38-0135-00 Cable Cleaning Brush (pg E-92)
B38-0101-00 Rasp (pg E-93)

For mold types or BURNDYWeld® items not shown, please contact factory.

Blue highlighted items are industry standard and most frequently ordered.

TYPE BCS-5 MOLDS

Horizontal Cable Tap to Horizontal Cast Iron Surface



Type BCS-5 Molds are used to join horizontal cable taps to horizontal cast iron surfaces. Note that the cable is **ON** the surface.

Size range is #6 through #1 solid or concentric stranded copper conductors.

Contact BURNDY® for information on molds for conductors not listed below.

Cable Size	Mold Number	Price Key	Weld Metal	Handle Clamps
#6 Sol	**B-1613**	3+	2SCI	N/A
#6	**B-1614**	3+	25CI	N/A
#4 Sol	**B-1615**	3+	45CI	N/A
#4	**B-1616**	3+	45CI	N/A
#2 Sol	**B-1617**	3+	45CI	N/A
#2	**B-1618**	3+	45CI	N/A
#1 Sol	**B-1619**	3+	65CI	N/A
#1	**B-1620**	3+	65CI	N/A

- For sizes not listed, contact BURNDY®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®.
- For expedited service, contact BURNDY®.

Required Tools:
† Sold complete with frame
B38-0309-00 Flint Ignitor (included)

Other recommended accessories:
B38-3922-00 Mold Cleaning Brush (pg E-92)
B38-0135-00 Cable Cleaning Brush (pg E-92)
B38-0101-00 Rasp (pg E-93)

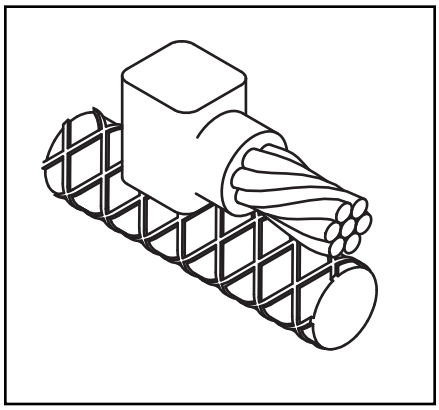
DO NOT use Type BCS-5 molds on Soil Pipe (ASTM A74-82). A test weld should be made on a section of the pipe being used to determine the possibility of detrimental metallurgical effects.

For mold types or BURNDYWeld® items not shown, please contact factory.

Blue highlighted items are industry standard and most frequently ordered.

TYPE BCRE-1 MOLDS

Horizontal Parallel Tap to Rebar



Type BCRE-1 Molds are recommended for parallel, horizontal connections for solid or concentric stranded conductors #6 through 4/0 joined to reinforcing bars #3 through #6 and larger. The high copper content joint has a higher current carrying capacity than the conductors being joined and is impervious to vibration and moisture.

Contact BURNDY® for information on molds for conductors not listed below.

E-82

Rebar Size	Cable Size	Mold Number	Packing Material ‡	Price Key	Weld Metal	Handle Clamps
#3	#6	**B-7500**	B38032900	4	25	B-106
	#4	**B-7501**	B38032900	4	32	B-106
	#2	**B-7502**	B38032900	4	45	B-106
	#1	**B-7503**	B38032900	4	65	B-106
	1/0	**B-7504**	B38032900	4	90	B-106
	2/0	**B-7505**	B38032900	4	90	B-106
	3/0	**B-7506**	B38032900	4	115	B-106
	4/0	**B-7507**	B38032900	4	115	B-106
#4 & Larger	#6	**B-7508**	B38406100	3+	25	N/A
	#4	**B-7509**	B38406100	3+	32	N/A
	#2	**B-7510**	B38406100	3+	45	N/A
	#1	**B-7511**	B38406100	3+	65	N/A
#4	1/0	**B-7512**	B38032900	4	90	B-106
	2/0	**B-7513**	B38032900	4	90	B-106
	3/0	**B-7514**	B38032900	4	115	B-106
	4/0	**B-7515**	B38032900	4	115	B-106
#5	1/0	**B-7520**	B38032900	4	90	B-106
	2/0	**B-7521**	B38032900	4	90	B-106
	3/0	**B-7522**	B38032900	4	115	B-106
	4/0	**B-7523**	B38032900	4	115	B-106
#6 & Larger	1/0	**B-7528**	B38406200	14+	90	N/A
	2/0	**B-7529**	B38406200	14+	90	N/A
	3/0	**B-7530**	B38406200	14+	115	N/A
	4/0	**B-7531**	B38406200	14+	115	N/A

‡ PACKING MATERIAL NOTE

A packing pad is necessary when making BURNDYWeld® connections to rebar. Packing material B38032900 is copper shim stock. Packing material numbers B38406100, B38406200 and B38406300 are a ceramic fiber material and can be used for **one** connection only. Be sure to specify packing material catalog number when ordering mold and weld metal.

- For sizes not listed, contact BURNDY®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®.
- For expedited service, contact BURNDY®.

Required Tools:
Handle Clamps (see chart for correct handles)
† Sold complete with frame
B38-0309-00 Flint Ignitor

Other recommended accessories:
B38-3922-00 Mold Cleaning Brush (pg E-92)
B38-0135-00 Cable Cleaning Brush (pg E-92)
B38-0304-00 File (pg E-93)

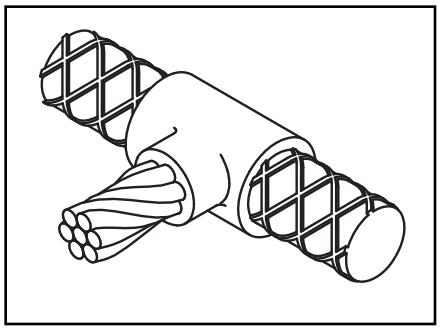
For mold types or BURNDYWeld® items not shown, please contact factory.

Blue highlighted items are industry standard and most frequently ordered.

TYPE BCRE-2 MOLDS

Horizontal Cable Tap to Horizontal Rebar Run

Type BCRE-2 Molds are recommended for right angle, horizontal connections for solid or concentric stranded conductors #6 through 4/0 joined to reinforcing bars #3 through #6. The high copper content joint has a higher current carrying capacity than the conductors being joined and is impervious to vibration and moisture.



Contact BURNDY® for information on molds for conductors not listed below.

E-83

Rebar Size	Cable Size	Mold Number	Packing Material ‡	Price Key	Weld Metal	Handle Clamps
#3	#6	**B-7588**	B38032900	4	45	B-106
	#4	**B-7589**	B38032900	4	45	B-106
	#2	**B-7590**	B38032900	4	65	B-106
	#1	**B-7591**	B38032900	4	65	B-106
	1/0	**B-7592**	B38032900	4	90	B-106
	2/0	**B-7593**	B38032900	4	90	B-106
	3/0	**B-7594**	B38032900	4	115	B-106
	4/0	**B-7595**	B38032900	4	115	B-106
#4	#6	**B-7596**	B38032900	4	45	B-106
	#4	**B-7597**	B38032900	4	45	B-106
	#2	**B-7598**	B38032900	4	65	B-106
	#1	**B-7599**	B38032900	4	65	B-106
	1/0	**B-7600**	B38032900	4	90	B-106
	2/0	**B-7601**	B38032900	4	90	B-106
	3/0	**B-7602**	B38032900	4	115	B-106
	4/0	**B-7603**	B38032900	4	115	B-106
#5	#6	**B-7604**	B38032900	4	90	B-106
	#4	**B-7605**	B38032900	4	90	B-106
	#2	**B-7606**	B38032900	4	90	B-106
	#1	**B-7607**	B38032900	4	90	B-106
	1/0	**B-7608**	B38032900	4	115	B-106
	2/0	**B-7609**	B38032900	4	115	B-106
	3/0	**B-7610**	B38032900	4	150	B-106
	4/0	**B-7611**	B38032900	4	150	B-106
#6	#6	**B-7612**	B38032900	4	90	B-106
	#4	**B-7613**	B38032900	4	90	B-106
	#2	**B-7614**	B38032900	4	90	B-106
	#1	**B-7615**	B38032900	4	90	B-106
	1/0	**B-7616**	B38032900	4	115	B-106
	2/0	**B-7617**	B38032900	4	115	B-106
	3/0	**B-7618**	B38032900	4	150	B-106
	4/0	**B-7619**	B38032900	4	150	B-106

- For sizes not listed, contact BURNDY®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®.
- For expedited service, contact BURNDY®.

Required Tools:
Handle Clamps (see chart for correct handles)
B38-0309-00 Flint Ignitor

Other recommended accessories
B40-0319-01 Mold Cleaner for cartridge sizes #15-#65 (pg E-92)
B40-0319-03 Mold Cleaner for cartridge sizes #90-#500 (pg E-92)
B38-3922-00 Mold Cleaning Brush (pg E-92)
B38-0135-00 Cable Cleaning Brush (pg E-92)
B38-0304-00 File (pg E-93)

‡ PACKING MATERIAL NOTE

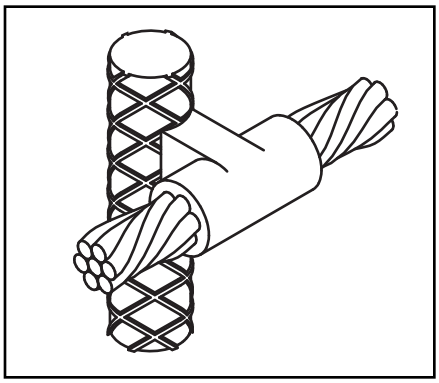
A packing pad is necessary when making BURNDYWeld® connections to rebar. Packing material B38032900 is copper shim stock. Packing material numbers B38406100, B38406200 and B38406300 are a ceramic fiber material and can be used for **one** connection only. Be sure to specify packing material catalog number when ordering mold and weld metal.

For mold types or BURNDYWeld® items not shown, please contact factory.

Blue highlighted items are industry standard and most frequently ordered.

TYPE BCRE-3 MOLDS

Horizontal through Cable to Vertical Rebar



Type BCRE-3 Molds are recommended for horizontal conductors to vertical rebar connections for solid or concentric stranded conductors #6 through 4/0 joined to reinforcing bars #3 through #7 & larger. The high copper content joint has a higher current carrying capacity than the conductors being joined and is impervious to vibration and moisture.

Contact BURNDY® for information on molds for conductors not listed below.

E-84

Rebar Size	Cable Size	Mold Number	Packing Material ‡	Price Key	Weld Metal	Handle Clamps
#3	#6	**B-7620**	B38032900	24	90	B-106
	#4	**B-7621**	B38032900	24	90	B-106
	#2	**B-7622**	B38032900	24	90	B-106
	#1	**B-7623**	B38032900	24	115	B-106
	1/0	**B-7624**	B38032900	24	115	B-106
	2/0	**B-7625**	B38032900	24	115	B-106
	3/0	**B-7626**	B38032900	24	150	B-106
	4/0	**B-7627**	B38032900	24	150	B-106
#4	#6	**B-7628**	B38032900	24	90	B-106
	#4	**B-7629**	B38032900	24	90	B-106
	#2	**B-7630**	B38032900	24	90	B-106
	#1	**B-7631**	B38032900	24	115	B-106
	1/0	**B-7632**	B38032900	24	115	B-106
	2/0	**B-7633**	B38032900	24	115	B-106
	3/0	**B-7634**	B38032900	24	150	B-106
	4/0	**B-7635**	B38032900	24	150	B-106
#5	#6	**B-7636**	B38032900	24	90	B-106
	#4	**B-7637**	B38032900	24	90	B-106
	#2	**B-7638**	B38032900	24	90	B-106
	#1	**B-7639**	B38032900	24	115	B-106
	1/0	**B-7640**	B38032900	24	115	B-106
	2/0	**B-7641**	B38032900	24	115	B-106v
	3/0	**B-7642**	B38032900	24	150	B-106
	4/0	**B-7643**	B38032900	24	150	B-106
#6	#6	**B-7644**	B38032900	24	90	B-106
	#4	**B-7645**	B38032900	24	90	B-106
	#2	**B-7646**	B38032900	24	90	B-106
	#1	**B-7647**	B38032900	24	115	B-106
	1/0	**B-7648**	B38032900	24	115	B-106
	2/0	**B-7649**	B38032900	24	115	B-106
	3/0	**B-7650**	B38032900	24	150	B-106
	4/0	**B-7651**	B38032900	24	150	B-106
#7 & Larger	#6	**B-7652**	B38406300	4+	90	B-106-41
	#4	**B-7653**	B38406300	4+	90	B-106-41
	#2	**B-7654**	B38406300	4+	90	B-106-41
	#1	**B-7655**	B38406300	4+	115	B-106-41
	1/0	**B-7656**	B38406300	4+	115	B-106-41
	2/0	**B-7657**	B38406300	4+	115	B-106-41
	3/0	**B-7658**	B38406300	4+	150	B-106-41
	4/0	**B-7659**	B38406300	4+	150	B-106-41

‡ PACKING MATERIAL NOTE

A packing pad is necessary when making BURNDYWeld® connections to rebar. Packing material B38032900 is copper shim stock. Packing material numbers B38406100, B38406200 and B38406300 are a ceramic fiber material and can be used for **one** connection only. Be sure to specify packing material catalog number when ordering mold and weld metal.

- For sizes not listed, contact BURNDY®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®.
- For expedited service, contact BURNDY®.

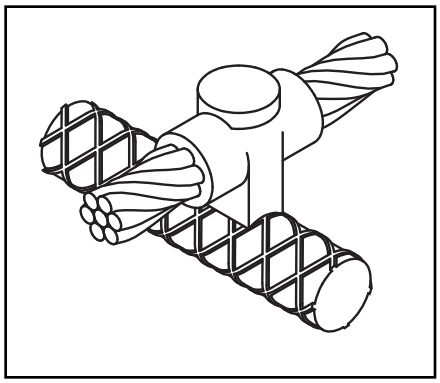
Required Tools:
Handle Clamps (see chart for correct handles)
B38-0309-00 Flint Ignitor
Other recommended accessories:
Vertical Chain Clamps
† **B40-0319-03** Mold Cleaner for cartridge sizes #90-#500 (pg E-92)
B38-3922-00 Mold Cleaning Brush (pg E-92)
B38-0135-00 Cable Cleaning Brush (pg E-92)
B38-0304-00 File (pg E-93)

For mold types or BURNDYWeld® items not shown, please contact factory.

Blue highlighted items are industry standard and most frequently ordered.

TYPE BCRE-4 MOLDS

Horizontal through Cable to Horizontal Rebar



Type BCRE-4 Molds are recommended for horizontal through conductors to horizontal rebar at right angle connections for solid or concentric stranded conductors #6 through 4/0 joined to reinforcing bars #3 through #6 & larger. The high copper content joint has a higher current carrying capacity than the conductors being joined and is impervious to vibration and moisture.

Contact BURNDY® for information on molds for conductors not listed below.

Rebar Size	Cable Size	Mold Number	Packing Material ‡	Price Key	Weld Metal	Handle Clamps
#3	#6	**B-7708**	B38032900	4	90	B-106
	#4	**B-7709**	B38032900	4	90	B-106
	#2	**B-7710**	B38032900	4	90	B-106
	#1	**B-7711**	B38032900	4	115	B-106
	1/0	**B-7712**	B38032900	22	115	B-106
	2/0	**B-7713**	B38032900	22	115	B-106
	3/0	**B-7714**	B38032900	22	150	B-106
	4/0	**B-7715**	B38032900	22	150	B-106
#4	#6	**B-7716**	B38032900	4	90	B-106
	#4	**B-7717**	B38032900	4	90	B-106
	#2	**B-7718**	B38032900	4	90	B-106
	#1	**B-7719**	B38032900	22	115	B-106
	1/0	**B-7720**	B38032900	22	115	B-106
	2/0	**B-7721**	B38032900	22	115	B-106
	3/0	**B-7722**	B38032900	22	150	B-106
	4/0	**B-7723**	B38032900	22	150	B-106
#5	#6	**B-7724**	B38032900	4	90	B-106
	#4	**B-7725**	B38032900	4	90	B-106
	#2	**B-7726**	B38032900	4	90	B-106
	#1	**B-7727**	B38032900	22	115	B-106
	1/0	**B-7728**	B38032900	22	115	B-106
	2/0	**B-7729**	B38032900	22	115	B-106
	3/0	**B-7730**	B38032900	22	150	B-106
	4/0	**B-7731**	B38032900	22	150	B-106
#6 & Larger	#6	**B-7732**	B38406100	14+	90	N/A
	#4	**B-7733**	B38406100	14+	90	N/A
	#2	**B-7734**	B38406100	14+	90	N/A
	#1	**B-7735**	B38406100	14+	115	N/A
	1/0	**B-7736**	B38406200	14+	115	N/A
	2/0	**B-7737**	B38406200	14+	115	N/A
	3/0	**B-7738**	B38406200	14+	150	N/A
	4/0	**B-7739**	B38406200	14+	150	N/A

- For sizes not listed, contact BURNDY®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®.
- For expedited service, contact BURNDY®.

Required Tools:
Handle Clamps (see chart for correct handles)
† Sold complete with frame
B38-0309-00 Flint Ignitor

Other recommended accessories:
B40-0319-03 Mold Cleaner for cartridge sizes #90-#500 (pg E-92)
B38-3922-00 Mold Cleaning Brush (pg E-92)
B38-0135-00 Cable Cleaning Brush (pg E-92)
B38-0304-00 File (pg E-93)

‡ PACKING MATERIAL NOTE

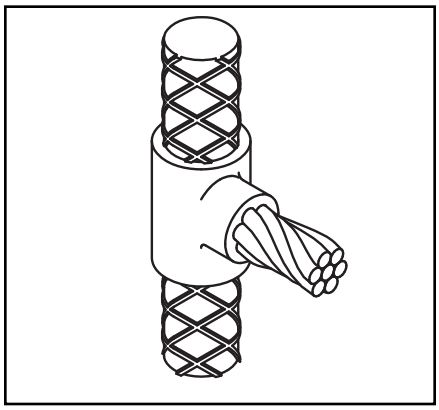
A packing pad is necessary when making BURNDYWeld® connections to rebar. Packing material B38032900 is copper shim stock. Packing material numbers B38406100, B38406200 and B38406300 are a ceramic fiber material and can be used for **one** connection only. Be sure to specify packing material catalog number when ordering mold and weld metal.

For mold types or BURNDYWeld® items not shown, please contact factory.

Blue highlighted items are industry standard and most frequently ordered.

TYPE BCRE-6 MOLDS

Horizontal Cable Tap to Vertical Rebar



E-86

Type BCRE-6 Molds are recommended for horizontal conductors terminating at right angles to vertical rebar connections for solid or concentric stranded conductors #6 through 4/0 joined to reinforcing bars #3 through #7 and larger. The high copper content joint has a higher current carrying capacity than the conductors being joined and is impervious to vibration and moisture.

Contact BURNDY® for information on molds for conductors not listed below.

Rebar Size	Cable Size	Mold Number	Packing Material ‡	Price Key	Weld Metal	Handle Clamps
#3	#6	**B-7884**	B38032900	4	90	B-106
	#4	**B-7885**	B38032900	4	90	B-106
	#2	**B-7886**	B38032900	4	90	B-106
	#1	**B-7887**	B38032900	4	115	B-106
	1/0	**B-7888**	B38032900	4	115	B-106
	2/0	**B-7889**	B38032900	4	115	B-106
	3/0	**B-7890**	B38032900	4	150	B-106
	4/0	**B-7891**	B38032900	4	150	B-106
#4	#6	**B-7892**	B38032900	4	90	B-106
	#4	**B-7893**	B38032900	4	90	B-106
	#2	**B-7894**	B38032900	4	90	B-106
	#1	**B-7895**	B38032900	4	115	B-106
	1/0	**B-7896**	B38032900	4	115	B-106
	2/0	**B-7897**	B38032900	4	115	B-106
	3/0	**B-7898**	B38032900	4	150	B-106
	4/0	**B-7899**	B38032900	4	150	B-106
#5	#6	**B-7900**	B38032900	4	90	B-106
	#4	**B-7901**	B38032900	4	90	B-106
	#2	**B-7902**	B38032900	4	90	B-106
	#1	**B-7903**	B38032900	4	115	B-106
	1/0	**B-7904**	B38032900	4	115	B-106
	2/0	**B-7905**	B38032900	4	115	B-106
	3/0	**B-7906**	B38032900	4	150	B-106
	4/0	**B-7907**	B38032900	4	150	B-106
#6	#6	**B-7908**	B38032900	4	90	B-106
	#4	**B-7909**	B38032900	4	90	B-106
	#2	**B-7910**	B38032900	4	90	B-106
	#1	**B-7911**	B38032900	4	115	B-106
	1/0	**B-7912**	B38032900	4	115	B-106
	2/0	**B-7913**	B38032900	4	115	B-106
	3/0	**B-7914**	B38032900	4	150	B-106
	4/0	**B-7915**	B38032900	4	150	B-106
#7 & Larger	#6	**B-7916**	B38406300	4	90	B-106-32
	#4	**B-7917**	B38406300	4	90	B-106-32
	#2	**B-7918**	B38406300	4	90	B-106-32
	#1	**B-7919**	B38406300	4	115	B-106-32
	1/0	**B-7920**	B38406300	4	115	B-106-32
	2/0	**B-7921**	B38406300	4	115	B-106-32
	3/0	**B-7922**	B38406300	4	150	B-106-32
	4/0	**B-7923**	B38406300	4	150	B-106-32

‡ PACKING MATERIAL NOTE

A packing pad is necessary when making BURNDYWeld® connections to rebar. Packing material B38032900 is copper shim stock. Packing material numbers B38406100, B38406200 and B38406300 are a ceramic fiber material and can be used for **one** connection only. Be sure to specify packing material catalog number when ordering mold and weld metal.

- For sizes not listed, contact BURNDY®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®.
- For expedited service, contact BURNDY®.

Required Tools:
Handle Clamps (see chart for correct handles)
B38-0309-00 Flint Ignitor
Other recommended accessories:
B38-3922-00 Mold Cleaning Brush (pg E-92)
B38-0135-00 Cable Cleaning Brush (pg E-92)
B38-0304-00 File (pg E-93)

*The B106-32 comes complete with a B-106 handle clamp and B40-0106-76 vertical chain clamp. Although good for use on all sizes of rebar, vertical chain clamps are strongly recommended on large size rebar as they hold the mold to the rebar securely. If you already have a B-106 handle clamp, you can purchase the vertical chain clamps separately. See page E-91 for a variety of options.

For mold types or BURNDYWeld® items not shown, please contact factory.

Blue highlighted items are industry standard and most frequently ordered.

BURNDY® GROUNDMAX™

BURNDY® GROUNDMAX™ is an economical solution for areas with very difficult grounding issues. BURNDY® GROUNDMAX™ is highly conductive in a wet or dry application and does not require moisture to lower the resistance of your grounding system. BURNDY® GROUNDMAX™ contains a corrosion inhibitor which forms a film on copper, creating a barrier against corrosion.

BURNDY® GROUNDMAX™ can be poured in dry or pumped in slurry form. No tamping required. It is very contractor friendly. No special tools required.

BURNDY® GROUNDMAX™ Advantages:

- Easy to install.
- Electrically conductive.
- Environmentally friendly.
- Will not leach into the ground.
- Positive low resistance, electrical connection to earth.
- Does not contain any hazardous chemicals.
- Compatible with all copper grounding systems.
- Contains a corrosion inhibitor to protect copper.
- Will not expand or shrink.
- Not affected by freezing.
- Excellent shelf life.
- Typical resistivity <10 Ohm-cm

Material Required Per Linear Foot of Trench Width of Trench (Inches)												
Thickness of BURNDY® GROUNDMAX™ (Inches)		4	6	8	10	12	14	16	18	20	22	24
	2	4.1	6.2	8.1	10.1	12.1	14.1	16.2	18.2	20.2	22.2	24.2
	3	6.2	9.3	12.1	15.2	18.2	21.2	24.2	27.3	30.3	33.3	36.4
	4	8.2	12.3	16.2	20.2	24.2	28.3	32.3	36.4	40.4	44.5	48.5
	5	10.3	15.4	20.2	25.3	30.3	35.4	40.4	45.5	50.5	55.6	60.6
	6	12.3	18.5	24.2	30.3	36.4	42.4	48.5	54.6	60.6	66.7	72.7
	7	14.4	21.6	28.3	35.4	42.4	49.5	56.6	63.7	70.7	77.8	84.9
	8	16.4	24.7	32.3	40.4	48.5	56.0	64.7	72.7	80.8	88.9	97.0
	9	18.5	27.8	36.4	45.5	54.6	63.7	72.7	81.8	90.9	100.0	109.1
	10	20.6	30.8	40.4	50.5	60.6	70.7	80.8	90.9	101.0	111.1	121.2

To calculate the lbs. of material required to fill a trench:

- Determine desired thickness.
- Move to the right until you are under the known width of the trench. This number will be the weight of the material in lbs./linear ft.
- Take this number and multiply by the length of the trench in feet. Your answer will be the amount of BURNDY® GROUNDMAX™ material required to fill the trench to the desired level in lbs.

Example:

Thickness: = 6 inches
Width = 18 inches
54.6 lbs. per linear ft. (from the table above)
Answer = 54.6 lbs. per linear ft. x 25 ft. trench = 1,365 lbs. of BURNDY® GROUNDMAX™
= 28 (50 lb.) bags of BURNDY® GROUNDMAX™

For mold types or BURNDYWeld® items not shown, please contact factory.

Blue highlighted items are industry standard and most frequently ordered.

BURNDY® GROUNDMAX™

Application Information

Vertical Installation

Drill or bore a hole the desired diameter and depth. Suspend ground electrode in center of hole to be filled. Pour BURNDY® GROUNDMAX™ until desired level is obtained. No tamping is required.

Dry Volume of BURNDY® GROUNDMAX™ vs. Hole Size		Ground Resistance Comparison of Bare Rod vs.	
Hole Size	Lbs. of BURNDY® GROUNDMAX™ Per Ft.	Hole Size with 5/8″ x 10′ Rod in Center of 15′ Hole	Percent Resistance Compared to Rod Only (100%)
4″	6.5	4″	52%
6″	14.5	6″	47%
8″	25.8	8″	44%
10″	40.4	10″	42%
12″	58.1	12″	40%

Horizontal or Grid Construction†

Pour into horizontal trench until level of ground wire is reached. Place ground wire. Pour in additional BURNDY® GROUNDMAX™ until wire is covered to desired height. Cover with fill. No tamping required.

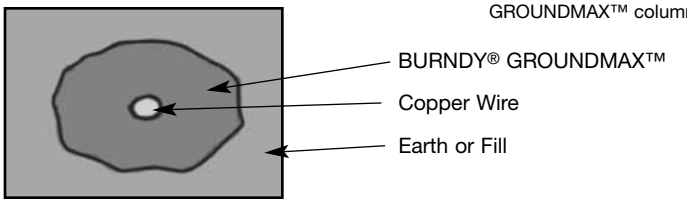
For grid construction, pour BURNDY® GROUNDMAX™ and spread over ground grid until desired thickness is achieved. Cover with fill.

Steady State Leakage Resistance‡ Using 4/0 Copper Wire vs. BURNDY® GROUNDMAX™					
		Percentage of Resistance with .475″ Wire Plus BURNDY® GROUNDMAX™ in Various Diameters Compared to Wire Only (100%)			
Length	.475″ Diameter Wire Only	2″	3″	4″	6″
25′	100%	83%	78%	74%	69%
50′	100%	85%	81%	77%	73%
75′	100%	86%	82%	79%	75%
100′	100%	87%	83%	80%	77%
150′	100%	88%	84%	82%	78%
200′	100%	88%	85%	83%	79%
250′	100%	89%	85%	83%	80%
300′	100%	89%	86%	84%	80%

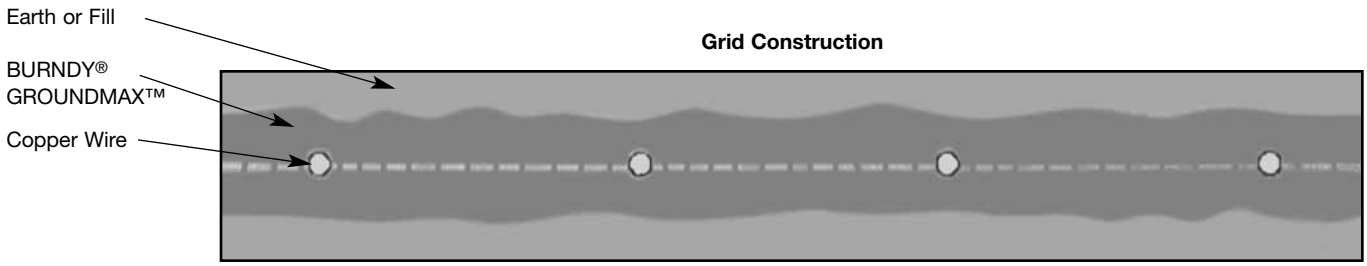
† Entire grounding system should be surrounded by BURNDY® GROUNDMAX™. Conductors should be insulated as they exit BURNDY® GROUNDMAX™ column.

‡ The use of BURNDY® GROUNDMAX™ around the grounding system will also reduce surge impedance by increasing the effective contact area of the electrode to soil.

Horizontal Construction



Grid Construction



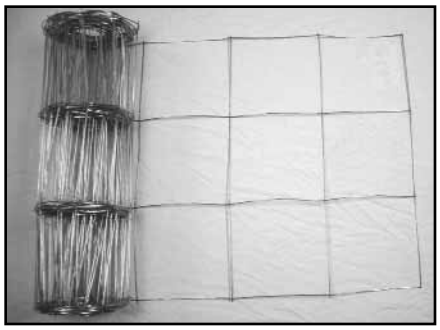
For mold types or BURNDYWeld® items not shown, please contact factory.

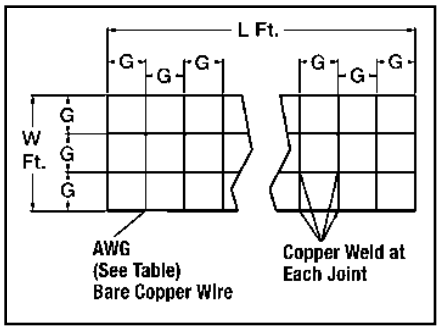
Blue highlighted items are industry standard and most frequently ordered.

BURNDY® GRIDMAX™

PREFABRICATED WIRE MESH

Grounding, Personnel Safety Mats, Equipotential Bonding, Pool and Spa Grounding



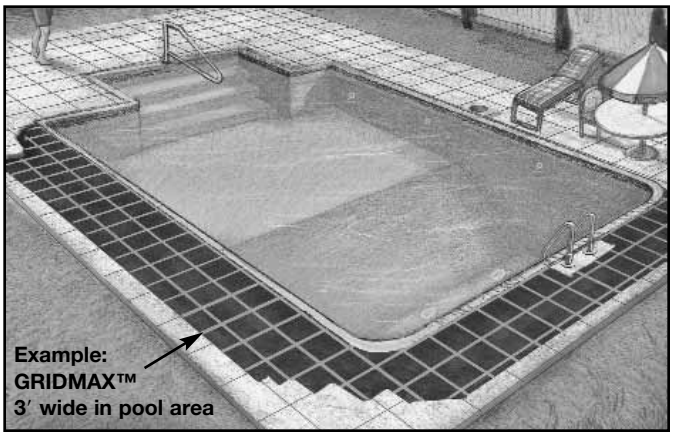


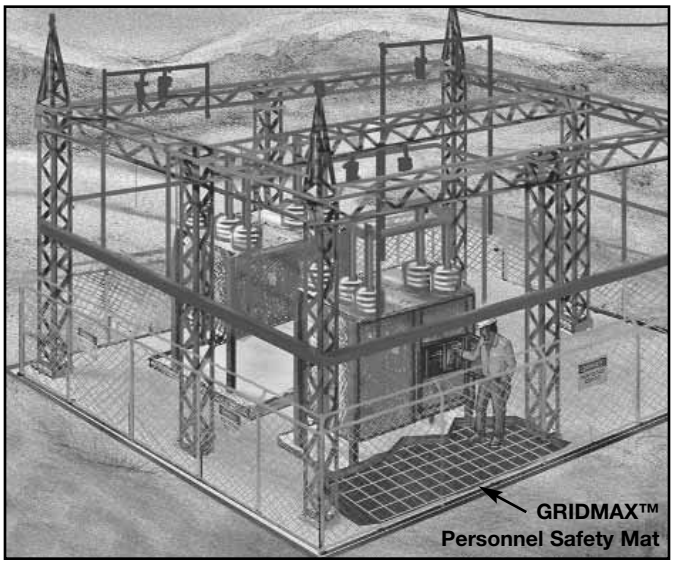
E-89

Features and Benefits

- Manufactured from bare solid copper.
- Spaced on 4″, 6″ or 12″ centers.
- Copper to copper weld with 6% silver.
- Furnished in sections with lengths from 4′ to 100′.
- Easily and economically installed using BURNDYWeld® HYGROUND® or our Mechanical connectors.
- Sizes made specifically for the Pool and Spa market 3′ × 100′ and 3′ × 50′. But can be used where any large area grounds are required.

Catalog Number	Conductor	Dimensions		
		G (spacing)	L (length)	W (width)
BGM3100	8 AWG	12″	100′	3′
BGM3050	8 AWG	12″	50′	3′
BGM640044	6 AWG	4″	4′	4′
BGM640068	6 AWG	8″	6′	4′
BGM64006	6 AWG	12″	6′	4′
BGM640066	6 AWG	6″	6′	4′





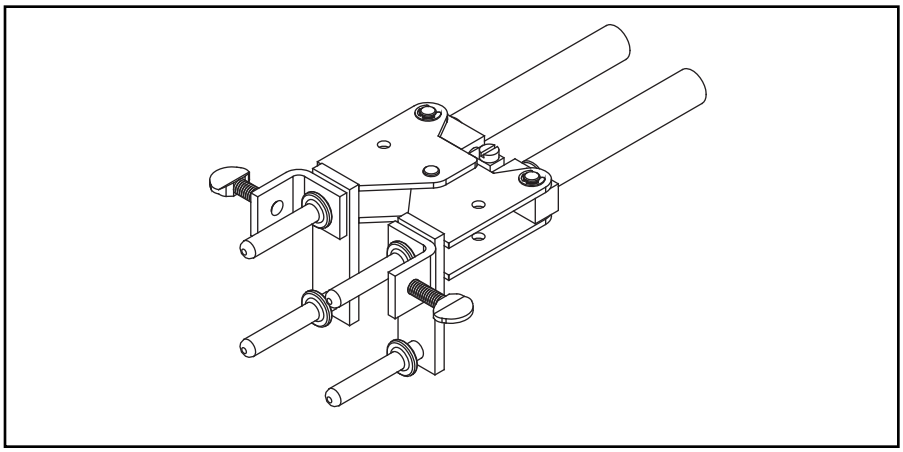
For mold types or BURNDYWeld® items not shown, please contact factory.

Blue highlighted items are industry standard and most frequently ordered.

B-106 & B-107 HANDLE CLAMPS

BURNDYWeld® Handle Clamps make possible the use of many different sizes and types of molds with only two different clamps. The two handle clamps are catalog numbers **B-106** and **B-107**. These will fit 95% of all standard BURNDYWeld® molds.

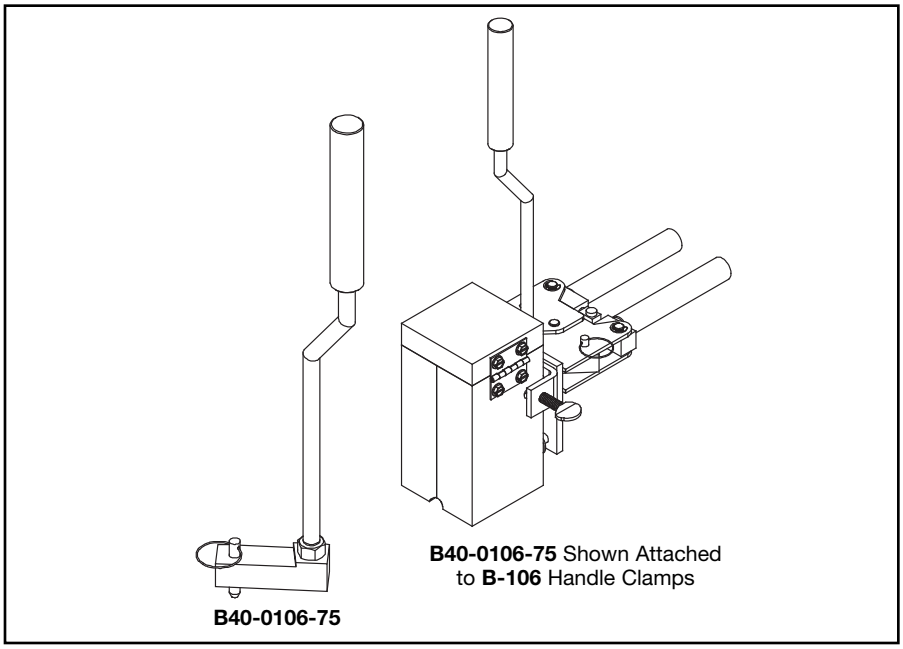
1. Use B-106 clamps for all molds having a price key 4, 7, 17, 22 or 24. These molds are a nominal 3 1/8″ × 3 1/8″ square.
2 Use B-107 clamps for all molds having a price key 5, 6, 8 or 23. These molds are a nominal 4″ × 4″ square.
3. All molds having a price key 2, 3, 9, 10, 11, 12, 14, 15 or 16 have an attached frame; separate handles are not required.



B40-0106-75 HANDLE ATTACHMENT

This Handle Attachment is used to hold Price Key-14 molds in position. It easily attaches to the B-106 Handle Clamp. This Handle Attachment can be used with weld types BCRE-1 and BCRE-4.

Catalog Number **B40-0106-75**



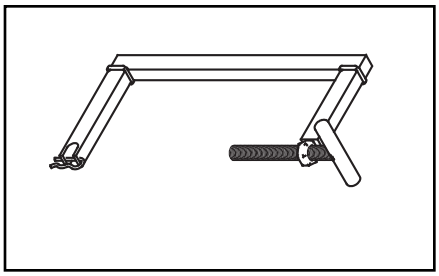
B40-0106-75

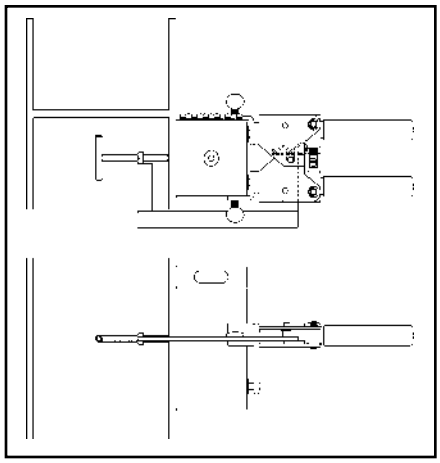
B40-0106-75 Shown Attached to **B-106** Handle Clamps

MOLD SUPPORT CLAMP

The Mold Support Clamp is used to hold a mold in position on a vertical steel column or angle. It is easily attached to the Handle Clamps. The Mold Support Clamp can be used with weld types BCS-3, BCS-18, BCS-23 and BCS-27.

Catalog Number **B40-3657-00**



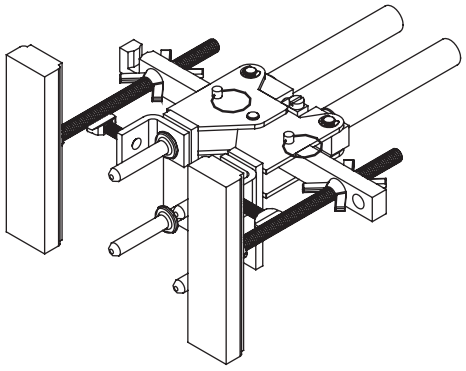


For mold types or BURNDYWeld® items not shown, please contact factory.

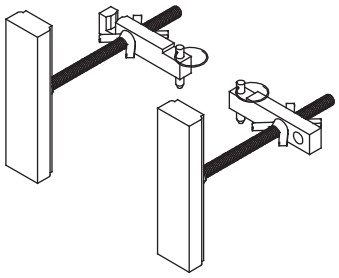
Blue highlighted items are industry standard and most frequently ordered.

VERTICAL MAGNETIC CLAMPS

Magnetic Clamps are used to hold a mold in position on a vertical steel surface. The magnetic clamp can be purchased complete with B-106 Handle Clamps or if you already have a set of handle clamps, you can order just the magnetic mounting assembly. The mounting assembly can easily be mounted on the prongs of your existing B-106 handle clamps. A minimum of 10″ is required.



B40-4431-00



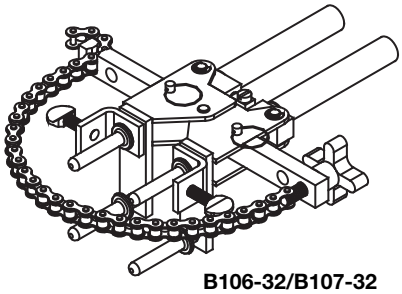
B40-4431-01

Magnetic Clamps With B106 Handle		
Catalog Number	Fits Molds W/Price Key	For Use With Weld Types
B404431-00	4 & 17	BCS-3, 4, 7 & 23

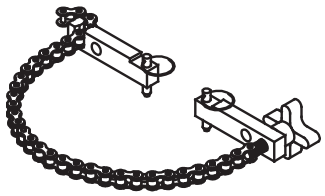
Magnetic Clamp Only		
Catalog Number	Fits Handle Clamps	For Use With Weld Types
B40-4431-01	B-106 & B-107	BCS-3, 4, 7 & 23

HORIZONTAL & VERTICAL CHAIN CLAMPS

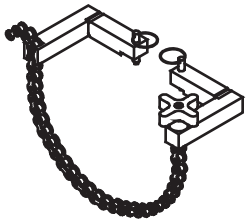
Chain Clamps are used to hold a mold in position on horizontal or vertical pipe up to 4″ in diameter. For larger pipe a 20″ chain extension is available to allow the chain clamps to be used on pipe up to 10″ in diameter. The chain clamp can be purchased complete with B-106 or B-107 Handle Clamps or if you already have a set of handle clamps, you can order just the chain clamp and mounting assembly. The mounting assembly can easily attached to your existing handle clamps. 20″ Chain Extension catalog number: **B40-0106-27**.



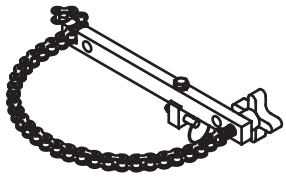
B106-32/B107-32



B40-0106-76



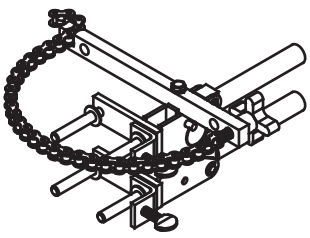
B40-0106-78



B40-0106-77

Chain Clamps			
Catalog Number	Fits Molds W/Price Key	For Use With Weld Types	Pipe Position
B106-32	4, 17, 22 & 24	BCS-3, 4, 7, 23 & BCRE-6	Vertical
B107-32	5, 6 & 23	BCS-3, 4, 7 & 23	Vertical
B106-37	4, 17, 22 & 24	BCS-1, 2, 5, 8 & 9	Horizontal
B107-37	5, 6 & 23	BCS-1, 2, 5, 8 & 9	Horizontal
B106-41	4, 17	BCS-6, 18 & BCRE-3	Vertical

Chain Clamp Only (Handle Clamps Not Included)			
Catalog Number	Fits Handle Clamp	For Use With Weld Types	Pipe Position
B40-0106-76	B-106 & B-107	BCS-3, 4, 7, 23 & BCRE-6	Vertical
B40-0106-78	B-106 & B-107	BCS-1, 2, 5, 8 & 9	Horizontal
B40-0106-77	B-106 & B-107	BCS-6, 18 & BCRE-3	Vertical



B106-41/B107-41

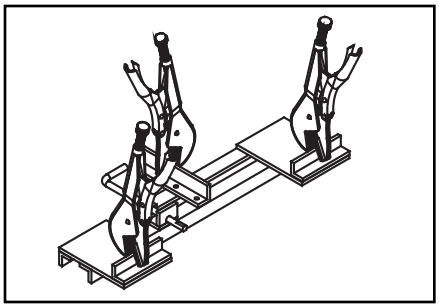
For mold types or BURNDYWeld® items not shown, please contact factory.

Blue highlighted items are industry standard and most frequently ordered.

BURNDYWeld® ACCESSORIES

B38-0330-00 CABLE CLAMP

The BURNDYWeld® Cable Clamp is recommended for holding a wide range of cables properly in place in molds when welding cables that are under tension. This prevents the cables from pulling out of the mold when the weld is made.

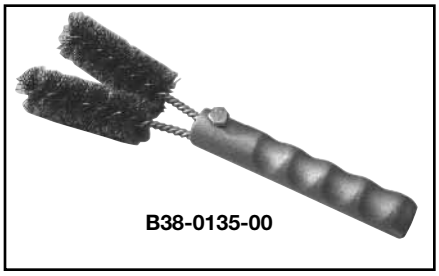


CABLE CLEANING AND CARD CLOTH BRUSH

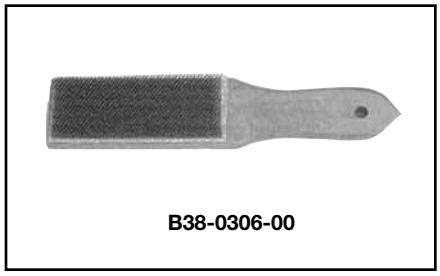
The Cable Cleaning Brush is recommended for cleaning heavily oxidized cables. The V-shape brushes permit their use over a wide range of cable sizes. Brush assembly consists of a handle with two stiff wire bristle brushes that are rotatable, for longer life and are replaceable.

The Card Cloth Brush is used for cleaning large conductors and bus bar. It has short stiff bristles. These brushes are for cleaning cable only, not molds.

The Mold Cleaning Brush **B38-3922-00** is used to clean the graphite mold without scratching the mold.



B38-0135-00



B38-0306-00

Cable Cleaning Brush	**B38-0135-00**
Replacement Brush	**B38-0135-01**
Card Cloth Brush	**B38-0306-00**
Mold Cleaning Brush	**B38-3922-00**

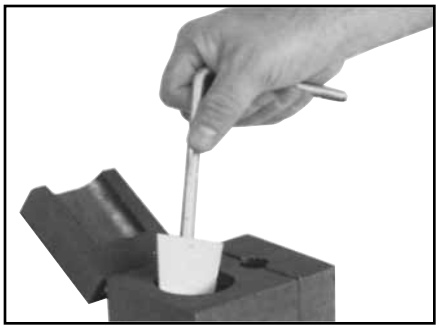


B38-3922-00

MOLD CLEANERS

Mold Cleaners are used to clean the slag from molds that are not split through the crucible.

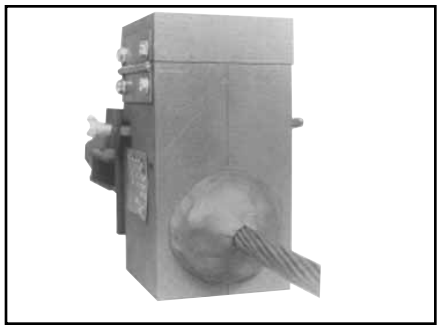
B40-0319-01	for cartridge sizes #15 through #65
B40-0319-03	for cartridge sizes #90 through #500



PACKING MATERIAL

Packing material is used to prevent the molten weld metal from leaking out of the mold. When the cable opening becomes worn from heavy use, the packing material may be used to prolong mold use. It is also used around 7 strand cable to prevent leaking. Packing material comes in a 1 lb. or 5 lb. package.

Catalog Number	Description
B38412900	1 lb. package
B38412905	5 lb. package



For mold types or BURNDYWeld® items not shown, please contact factory.

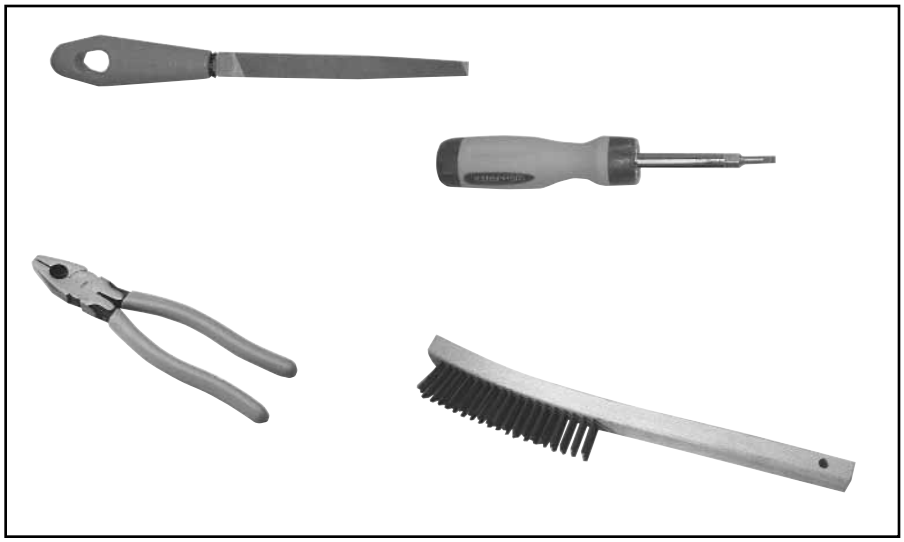
Blue highlighted items are industry standard and most frequently ordered.

BURNDYWeld® ACCESSORIES



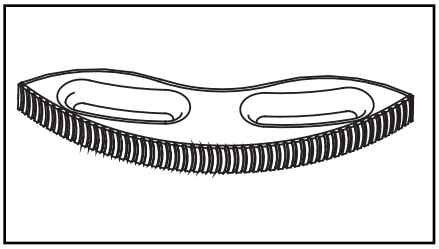
BURNDYWeld® TOOL KIT

B38-0302-00	Tool Kit with Tools Shown except Rasp
B38-0302-02	Tool Kit with Tools Shown and Rasp
B38-0303-00	Tool Box only



BURNDYWeld® TOOLS

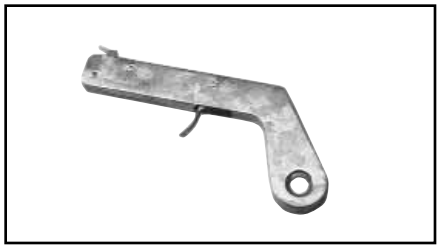
B38-0309-00	Flint Ignitor
B38-0304-00	8″ File
B38-0307-00	Crimping Tool
B38-3922-00	Mold Cleaning Brush
B38-0308-00	6″ Screwdriver
B38-0305-00	Wire Brush
B38-0101-00	Rasp
B38-0306-00	Card Cloth Brush



B38-0101-00 RASP

This tempered steel, curved rasp is recommended for removing rust and mill scale from steel and cast iron surfaces. The blade is replaceable. To order replacement rasp blade, specify catalog number **B38-0101-01**.

Not recommended for use on galvanized surfaces.



B38-0309-00 FLINT IGNITOR

The B38-0309-00 Flint Ignitor is used to ignite the starting powder. Each mold that is sold with a frame has a Flint Ignitor included. For added safety a Flint Ignitor extension is available, catalog number **B38-0904-00**, that attaches to the B38-0309-00 Flint Ignitor. This allows installers to stay approximately 36″ away from the mold.

To order replacement flints, specify part number **B38-0309-01**.

For mold types or BURNDYWeld® items not shown, please contact factory.

Blue highlighted items are industry standard and most frequently ordered.

GROUND ROD DRIVING SLEEVES

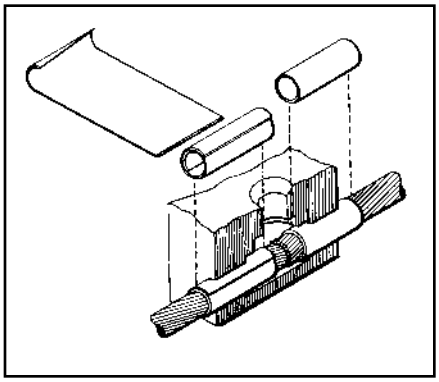
Ground Rod Driving Sleeves are placed over the top of a ground rod while driving it into the ground. This prevents the top from mushrooming or flaring out. Ground rod driving sleeves are available in sizes to fit all standard unthreaded ground rods.

Catalog Number	For Use On
B38-3662-01	1/2″ Copper Clad or Steel Ground Rod
B38-3662-02	5/8″ Copper Clad Ground Rod
B38-3662-05	5/8″ Steel Ground Rod
B38-3662-03	3/4″ Copper Clad Ground Rod
B38-3662-06	3/4″ Steel Ground Rod
B38-3662-04	1″ Copper Clad Ground Rod



SHIM STOCK AND ADAPTER SLEEVES

BURNDYWeld® molds designed for larger cable sizes can be used on smaller diameter cables if copper adapter sleeves or shim stock are utilized. The copper shim stock, .0108″ × 1-1/2″ × 3″, is normally wrapped around cable until the diameter is about equal to the cable opening. A tight fit is not necessary as the shim stock will unwrap slightly and prevent leakage of weld metal. To order shim stock use part number **B38-0329-00**. Shim stock comes 100 pieces per box.



For Use on Cable Size		Part	Use in	Sleeve Dimensions		
Stranded	Solid	No.	Mold Size	O.D.	I.D.	Length
#12, #14	#10, #12, #14	**BA-200**	#6 Str & Sol	.156	.111	1.00
#9. #10	#8. #9. #10	**BA-208**	#4 Sol	.203	.140	1.00
#7, #8, #10	#6, #8	**BA-201**	#4	.227	.177	1.00
#6	#5	**BA-202**	#2	.292	.198	1.00
#4, #5	#3, #4	**BA-207**	#2	.302	.246	1.00
#4	#2	**BA-204**	#1	.340	.246	1.00
#2	#1	**BA-203**	1/0	.370	.307	1.00
#1	1/0	**BA-209**	2/0	.420	.359	1.00
1/0, #1	2/0	**BA-205**	3/0 & 4/0 Sol	.469	.385	1.00
2/0, 1/0	3/0	**BA-240**	4/0	.524	.437	1.50
4/0	—	**BA-211**	300 kcmil	.625	.545	1.25
250 kcmil	—	**BA-212**	350 kcmil	.677	.595	1.25
350,400 kcmil	—	**BA-213**	500 kcmil	.811	.762	1.50
250, 300, 350 kcmil	—	**BA-214**	500 kcmil	.811	.700	1.50
750,800 kcmil	—	**BA-215**	1000 kcmil	1.156	1.05	1.50

For mold types or BURNDYWeld® items not shown, please contact factory.

Blue highlighted items are industry standard and most frequently ordered.

TROUBLE SHOOTING TIPS

PROBLEM	PROBABLE CAUSE	CORRECTION TO MAKE
Insufficient metal to make weld.	Worn mold resulting in leaking weld metal.	Replace mold. If only worn around conductor opening, use duct seal around conductor. Do not get duct seal into mold cavity.
	Wrong size cartridge for mold.	Check ID plate for mold and compare with number on bottom of cartridge.
	Too much spillage when dumping powder.	Carefully open lid while holding over crucible and dump.
	Wrong mold for conductor being used.	Replace with correct mold. In some applications, shim stock or adapter sleeves can be used to enlarge cable to fit mold.
Mold does not close tightly causing weld metal to leak out.	Handle clamps not properly adjusted.	Remove cotter pin between the handles of the mold and adjust handle tension by backing out the eye bolt.
	Dirt or slag stuck in parting line of mold.	Clean mold thoroughly between connections.
	Bent or out-of-round cable.	Straighten or cut out bad section of cable.
Handle clamps will not lock closed.	Handle clamps not properly adjusted.	Remove cotter pin between the handles of the mold and adjust handle tension by backing out the eye bolt.
Excessively high weld, bubbly or gassy appearance, poor weld.	Moisture in mold.	Pre-heat mold to above 220° F with a propane torch, or ignite a sacrificial shot in mold with pieces of scrap conductor in it. If it is a horizontally split mold, shoot 3/4 of the recommended cartridge to make sure you do not lock up mold.
	Oil, grease, moisture or foreign material on conductors.	Pre-heat conductors with propane torch then use a clean wire brush on conductor to remove any residue left on conductors. If welding to cast iron or steel surface, weld area must be cleaned down to bright metal.
	Duct seal in weld cavity.	Take special precautions to keep duct seal out of weld cavity.
	Weld powder has gotten wet.	Replace with fresh, dry weld powder.
Weld metal blows out top of mold.	Mold worn or chipped around disc seal allowing powder to leak into mold cavity.	Replace mold.
	Forgot to use steel disc or did not seat it properly at bottom of crucible.	Make sure disc is seated at bottom of crucible before pouring the powder into crucible.

TROUBLE SHOOTING TIPS
(Continued)

PROBLEM	PROBABLE CAUSE	CORRECTION TO MAKE
Cannot ignite powder.	Insufficient starting powder in ignition pocket on mold lid.	Place at least half of starting powder in ignition pocket of mold lid. Use all starting powder for each connection.
	Flint ignitor not shooting enough spark.	Clean flint ignitor according to directions on box or replace flint ignitor.
	Starting powder lumped together.	Break up starting powder on lid with edge of powder tube.
	Starting powder has gotten wet.	Remove shot from mold and replace with a dry cartridge.
Mold wearing out too fast.	Improper cleaning of mold.	Use mold cleaner, soft natural bristle brush or clean rag to clean mold between shots. Do not use wire brush or screwdriver on molds.
	Bent or out of round cable causes chipping and premature wear of the mold.	Use caution when closing mold. Do not force mold shut around bent, twisted or out of round conductors.
Poor weld to ground rod.	Weight of mold not supported during reaction causing mold to slip when cable melts.	Use locking pliers on ground rod under mold to support the weight of the mold during the reaction.
	Moisture or contaminant on cable or ground rod.	Pre-heat conductors with propane torch then use a clean wire brush on conductors to remove any residue left on conductors.
Weld will not stick to steel surface.	Improperly cleaned area on steel.	An area larger than the weld area should be cleaned down to bright clean metal.
	Moisture or contaminant on cable or ground rod.	Pre-heat conductors with propane torch then use a clean wire brush on conductors to remove any residue left on conductors.
	Cable is improperly positioned in mold, blocking the flow of weld metal.	Position cable in mold in accordance with directions for mold. If directions are not available, position top of cable in the center of where the liquid weld metal hits the steel.
Weld will not stick to cast iron surface.	All of the causes listed under welding to steel surface also apply to this section.	
	Not using CI (Cast Iron) powder.	Specify “CI” behind cartridge when ordering powder (i.e., 25 CI).
Cable pulls out of mold when it is fired.	Cables are either twisted or under tension.	Use B38-0330-00 cable clamp or other method to remove tension. Cut out severely twisted cable.

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Blue highlighted items are industry standard and most frequently ordered.

INTRODUCTION

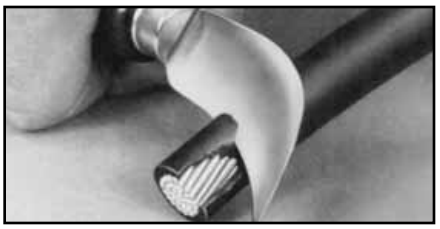
BURNDY® wiring accessories have been designed to supplement and enhance BURNDY® connector selection and use. All have been designed and engineered for easy installation and long life, reflecting over 65 years of experience and resulting contributions to all aspects of the electrical industry.

PENETROX™

HOW TO INSTALL CONNECTORS:

1. Select the right connector.
Always use an aluminum connector for aluminum or copper conductor. And choose a connector that's marked for the wire size you're using. Never use a copper connector on aluminum conductor.

2. Strip carefully.
Remove the insulation without nicking the wire.



3. Brush thoroughly.
Always wire-brush the stripped portion of the wire. An unplated terminal pad, and the surface to which the terminal will be attached should also be wire-brushed.

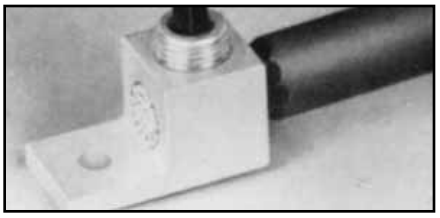


4. Apply PENETROX™

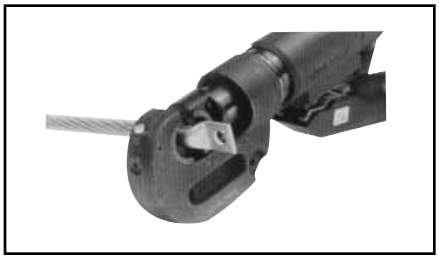
For mechanical connectors, apply PENETROX™ joint compound liberally to the conductor to prevent the formation of surface oxides once the connection is made. Also apply PENETROX™ to any terminal pad.



5. Tighten completely.
For mechanical connectors, use wrench or screwdriver to securely tighten the aluminum connectors, as recommended by BURNDY®.



6. Crimp.
For compression connectors, choose the right die and the right tool. Insert the wire completely and make the recommended number of crimps. BURNDY® takes the guesswork out of aluminum connections because the connectors and crimp dies are color coded. Crimps can be easily located between marks.



TYPES PENETROX™ A, A-13, E AND HT

OXIDE-INHIBITING JOINT COMPOUNDS

PENETROX™ oxide-inhibiting compounds produce low initial contact resistance, seal out air and moisture, prevent oxidation or corrosion, exhibit superior weathering characteristics, are usable over wide temperature ranges, and provide a high conductivity "gas-tight" joint. All PENETROX™ compounds contain homogeneously suspended metal particles. The suspended metal particles assist in penetrating thin oxide films, act as electrical "bridges" between conductor strands, aid in gripping the conductor, improve electrical conductivity and enhance the integrity of the connection.

The specially formulated PENETROX™ compounds are for use with compression and bolted connectors providing an improved service life for both copper and aluminum connections. Additionally, the non-toxic compounds are an excellent lubricant for threaded applications reducing galling and seizing.



PENACARTRIDGE

PENACARTRIDGE is a 1 lb. cartridge filled with PENETROX-A. It's designed to fit standard caulking guns for easy insertion into transmission and distribution connectors. Additionally, this packaging design provides a convenient method for applying PENETROX™ to many different applications.



PENETROX™ A-13

PENETROX™ A-13 is a synthetic base compound with evenly suspended zinc particles. It is recommended for aluminum to aluminum, aluminum to copper connection plus aluminum conduit threads. It is compatible with rubber, polyethylene and other insulating materials. UL Listed for all voltages.

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PENETROX™ A

PENETROX A is a natural (petroleum) base compound with evenly suspended zinc particles. It is recommended for aluminum to aluminum, aluminum to copper connections and aluminum conduit threads. It is not recommended for use with rubber or polyethylene insulated conductors. UL listed to 600V.



PENETROX™ E

PENETROX™ E is a synthetic base compound with evenly suspended copper particles. It is recommended for copper to copper, copper threads and all grounding applications. UL listed.



PENETROX™ HT

PENETROX™ HT is a synthetic silicone based compound with evenly suspended zinc particles and nickel-aluminum alloy particles. It is recommended for aluminum to aluminum connection. It is compatible with rubber. Designed for use with High Temperature ACSS and ACCC connectors. Not UL Listed.

Blue highlighted items are industry standard and most frequently ordered.

PENETROX A, A-13, E AND HT

TECHNICAL INFORMATION

PENETROX A
PENETROX A consists of a natural (petroleum) base vehicle in which zinc particles are suspended. For aluminum to aluminum, aluminum to copper applications and aluminum conduit threads. It is not recommended for use with rubber and polyethylene insulated conductors. UL Listed to 600 volts.

PENETROX A-13
PENETROX A-13 consists of a non-petroleum base vehicle in which zinc particles are suspended. Recommended for aluminum to aluminum, aluminum to copper applications and aluminum conduit threads. Compatible with insulating materials such as rubber, or polyethylene. UL Listed and recommended for all voltages.

PENETROX E
PENETROX E consists of a non-petroleum base vehicle in which copper granules are suspended. Recommended for copper to copper applications, grounding and for use on copper conduit threads. UL Listed.

PENETROX HT
PENETROX HT consists of a non-petroleum base vehicle in which zinc and nickel-aluminum particles are suspended. Recommended for use with aluminum to aluminum High Temperature rated ACSS and ACCC conductors. Not UL Listed.

Easy to apply:
1. Scratch brush the conductor surfaces until bright and clean.
2. Immediately apply PENETROX™ to the conductive surfaces.
3. For EHV applications, remove all excess PENETROX™ after installation is complete.



SHELF LIFE
When stored in its original container in cool (under 100°F) dry environment, PENETROX™ oxide inhibiting compound will remain workable and functional for 5 years from the date marked on the container provided it is mixed per instructions prior to use.

PROPERTIES OF PENETROX™

Property	Value PENETROX™ Definition	PENETROX™ HT	PENETROX™ E & A13	PENETROX™ A
Penetration (Unworked)	The value in accordance to ASTM D217 indicates the consistency of a grease. The higher the number, the softer the grease.	240	250	230
Dropping Point (Minimum)	The temperature at which the grease passes from the semi-solid to a liquid state under test conditions.	>580° F	500° F	230° F
Pour Point (Maximum)	The lowest termperature at which the compound will flow. Pour point is the lubricant's ability to perform in cold conditions.	–58° F	–10° F	–15° F

* MSDS sheets available through customer service.

ORDERING INFORMATION

Catalog Number				Container	Container
PENETROX™ A	PENETROX™ A-13	PENETROX™ E	PENETROX™ HT	Type	Size
PENA 1/2	—	—	—	Tube	1/2 oz.
PEN A-4	PEN A13-4	PEN E-4	PENHT-4	Squeeze Bottle	4 oz.
P8A	PEN A13-8	PEN E-8	PENHT-8	Squeeze Bottle	8 oz.
PENACARTRIDGE	PENA13CARTRIDGE	—	PENHT-1LB	Cartridge	1 lb.*
PEN A-QT	PEN A13-QT	PEN E-QT	—	Plastic Tub	1 Quart
PEN A-GAL	PEN A13-GAL	PEN E-GAL	PENHT-GAL	Can	1 Gallon
PEN A-5GAL	PEN A13-5GAL	PEN E-5GAL	—	Pail	5 Gallons
PEN A-55GAL	PEN A13-55GAL	PEN E-55GAL	—	Drum	55 Gallons

* 1 lb. cartridge will fit standard caulking guns.



B38-0305-00 Wire Brush

Blue highlighted items are industry standard and most frequently ordered.

TYPE HS-T-PF

THIN WALL HEAT SHRINK TUBING

Cross-Linked Polyolefin

6 Inch Lengths



Type HS-T-PF is a flexible thin wall, flame retardant heat shrink tubing made of cross-linked polyolefin. The 2:1 shrink ratio allows for faster shrink recovery, covering wire sizes: #18 AWG to 300 kcmil. Operating temperatures from –55° C to 135° C with a shrink temperature of 120° C.

Meets MIL-I-23053/5
600 VOLTS

Catalog Number	Nominal Diameter Inches	Min. Exp. I.D. In.	Max. Recov. I.D. In.	Nom. Wall Thickness In.	Conductor Range	Pcs. per Package # Pcs. Black	Pcs. per Package # Pcs. Ea. Color
HSM116T6PF26	1/16	0.06	0.03	0.018	#18	8	3
HSB116T6PF26	1/16	0.06	0.03	0.018	#18	26	0
HSM332T6PF24	3/32	0.09	0.05	0.020	#18 - 16	6	3
HSB332T6PF24	3/32	0.09	0.05	0.020	#18 - 16	24	0
HSM18T6PF20	1/8	0.12	0.06	0.020	#18 - 14	2	3
HSB18T6PF20	1/8	0.12	0.06	0.020	#18 - 14	20	0
HSM316T6PF18	3/16	0.19	0.09	0.020	#18 - 12	6	2
HSB316T6PF18	3/16	0.19	0.09	0.020	#18 - 12	18	0
HSM14T6PF14	1/4	0.25	0.12	0.180	#14 - 10	2	2
HSB14T6PF14	1/4	0.25	0.12	0.180	#14 - 10	14	0
HSM38T6PF12	3/8	0.38	0.19	0.020	#8 - 6	6	1
HSB38T6PF12	3/8	0.38	0.19	0.020	#8 - 6	12	0
HSM12T6PF10	1/2	0.50	0.12	0.020	#6 - 2	4	1
HSB12T6PF10	1/2	0.50	0.12	0.020	#6 - 2	10	0
HSM34T6PF8	3/4	0.75	0.38	0.020	#1 - 3/0	2	1
HSB34T6PF8	3/4	0.75	0.38	0.020	#1 - 3/0	8	0
HSM100T6PF7	1	1.00	0.50	0.180	2/0 - 300	1	1
HSB100T6PF7	1	1.00	0.50	0.180	2/0 - 300	7	0

HSB series — all black

HSM series — multiple colors: black, blue, clear, green, red, white, yellow

HSB11612T6PF14	1/16, 3/32, 1/8, 3/16, 1/4, 3/8, 1/2			14	0
HSB38100T6PF8	3/8, 1/2, 3/4, 1″			8	0

Multiple diameter packages contain two pieces of each size listed: Black only.

Blue highlighted items are industry standard and most frequently ordered.

TYPE HS-T-PF

THIN WALL HEAT SHRINK TUBING

Cross-Linked Polyolefin

4 Foot Reels

Type HS-T-PF is a flexible thin wall, flame retardant heat shrink tubing made of cross-linked polyolefin. The 2:1 shrink ratio allows for faster shrink recovery, covering wire sizes #18 AWG to 300 kcmil. Operating temperatures from –55° C to 135° C with a shrink temperature of 120° C.

F-6

Meets MIL-I-23053/5
600 VOLTS



Specify Color Code in Third Position of Catalog Number:

Example: HS**C**316T48PF

- **B:** BLACK
- **BL:** BLUE
- **C:** CLEAR
- **G:** GREEN
- **R:** RED
- **W:** WHITE
- **Y:** YELLOW

Catalog Number	Nominal Diameter Inches	Min. Exp. I.D. In.	Max. Recov. I.D. In.	Nom. Wall Thickness In.	Conductor Range
HS_116T48PF	1/16	0.06	0.03	0.018	#18
HS_332T48PF	3/32	0.09	0.05	0.020	#18 - 16
HS_18T48PF	1/8	0.12	0.06	0.020	#18 - 14
HS_316T48PF	3/16	0.19	0.09	0.020	#18 - 12
HS_14T48PF	1/4	0.25	0.12	0.180	#14 - 10
HS_38T48PF	3/8	0.38	0.19	0.020	#8 - 6
HS_12T48PF	1/2	0.50	0.12	0.020	#6 - 2
HS_34T48PF	3/4	0.75	0.38	0.020	#1 - 3/0
HS_100T48PF	1	1.00	0.50	0.180	2/0 - 300
HS_150T48PF	1-1/2	1.50	.75	0.180	350 - 750
HS_200T48PF	2	2.00	1.00	0.180	250 - 500

Blue highlighted items are industry standard and most frequently ordered.

TYPE HS-T-PF

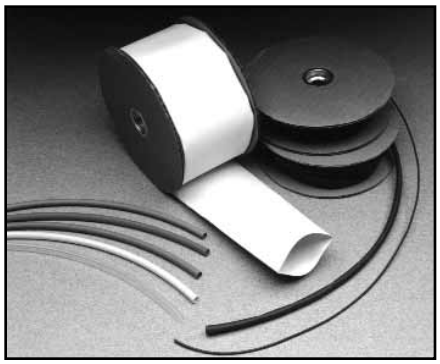
THIN-WALL HEAT SHRINK TUBING

Cross-Linked Polyolefin

25 Foot Reels

Type HS-T-PF is a flexible thin wall, flame retardant heat shrink tubing made of cross-linked polyolefin. The 2:1 shrink ratio allows for faster shrink recovery, covering wire sizes #18 AWG to 300 kcmil. Operating temperatures from –55° C to 135° C with a shrink temperature of 120° C.

Meets MIL-I-23053/5
600 VOLTS



Specify Color Code in Third Position of Catalog Number:

Example: HS**C**116T300PF

- **B:** BLACK
- **BL:** BLUE
- **C:** CLEAR
- **G:** GREEN
- **R:** RED
- **W:** WHITE
- **Y:** YELLOW

Catalog Number	Nominal Diameter Inches	Min. Exp. I.D. In.	Max. Recov. I.D. In.	Nom. Wall Thickness In.	Conductor Range
HS_116T300PF	1/16	0.06	0.03	0.018	#18
HS_332T300PF	3/32	0.09	0.05	0.020	#18 - 16
HS_18T300PF	1/8	0.12	0.06	0.020	#18 - 14
HS_316T300PF	3/16	0.19	0.09	0.020	#18 - 12
HS_14T300PF	1/4	0.25	0.12	0.180	#14 - 10
HS_38T300PF	3/8	0.38	0.19	0.020	#8 - 6
HS_12T300PF	1/2	0.50	0.12	0.020	#6 - 2
HS_34T300PF	3/4	0.75	0.38	0.020	#1 - 3/0
HS_100T300PF	1	1.00	0.50	0.180	2/0 - 300

TYPE HS-H-PF

HEAVY WALL HEAT SHRINK TUBING

Cross-Linked Polyolefin

Cut Lengths and 4 Foot Sticks

Type HS-H-PF is a heavy wall, flame retardant heat shrink tubing made of cross-linked polyolefin. The shrink ratio is 3:1, and the inside diameter is coated with an adhesive sealant to protect against moisture and corrosion. UL486D Listed for direct burial applications. Accommodates #14 AWG - 500 kcmil conductors. Operating temperatures from –55° C to 135° C with a shrink temperature of 120° C.



Meets MIL-I-23053/5
1000 V

Catalog Number	Length	Nominal Diameter Inches	Min. Exp. ID In.	Max. Recov. ID In.	Nom. Wall Thickness In.	Conductor Range	Number of Pcs. Per Package
HSB35H3PF25	3″	.350	.350	.150	0.070	#14-10	25
HSB35H6PF25	6″	.350	.350	.150	0.070	#14-10	25
HSB35H48PF5	4′	.350	.350	.150	0.070	#14-10	5
HSB34H6PF10	6″	.750	.750	.220	0.090	#6-2	10
HSB34H9PF10	9″	.750	.750	.220	0.090	#6-2	10
HSB34H48PF5	4′	.750	.750	.220	0.090	#6-2	5
HSB110H6PF5	6″	1.100	1.100	.400	0.120	#1-3/0	5
HSB110H9PF5	9″	1.100	1.100	.400	0.120	#1-3/0	5
HSB110H48PF5	4′	1.100	1.100	.400	0.120	#1-3/0	5
HSB150H9PF3	9″	1.500	1.500	.500	0.160	2/0-350	3
HSB150H12PF3	12″	1.500	1.500	.500	0.160	2/0-350	3
HSB150H48PF5	4′	1.500	1.500	.500	0.160	2/0-350	5
HSB200H9PF2	9″	2.000	2.000	.750	0.160	250-500	2
HSB200H12PF2	12″	2.000	2.000	.750	0.160	250-500	2
HSB200H48PF2	4′	2.000	2.000	.750	0.160	250-500	2

Available in black only.

Blue highlighted items are industry standard and most frequently ordered.

TYPE HSIC - FR

HEAVY WALL HEAT SHRINKABLE END CAP

UL Listed to 600 Volts

Type HSIC-FR, **H**eat **S**hrink **I**nsulating End **C**ap **F**ire **R**etardant is a heavy wall, fire retardant end cap made of cross-linked thermally stabilized black polyolefin. Used to insulate exposed conductors in energized applications. The 3:1 shrink ratio offers greater range, accommodating copper wire sizes, #8 AWG thru 2500+ kcmil. Performs effectively over lead, aluminum, steel, polyethylene, EPR, and PVC jacketed materials. Blue thermal chromatic lines disappear indicating correct installation temperature and provide inspectability. I.D. adhesive provides superior moisture and weather resistant characteristics.



Features and Benefits

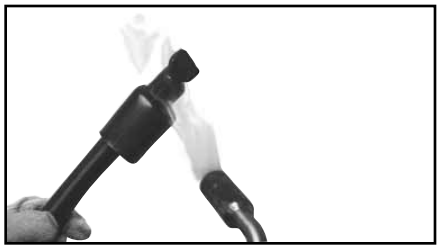
- Minimum 28 Oxygen index, UL94-VO rated.
  - ◊ Self-extinguishing flame retardant properties.
- 3:1 shrink ratio.
  - ◊ Minimum inventory required.
- Thermal chromatic lines.
  - ◊ Indicate proper installation.
- Low shrink temperature, 150°C.
  - ◊ Only requires common hot air gun to apply.
- Meets sealing requirements: ANSI-C119.1, UL486D
  - ◊ Weather and moisture resistant.

F-9

Catalog Number	600V Cable		Internal Diameter		Wall Thickness		Length ± 20%		Number of Pcs. per Package
	Code	Flex	(Min.) Exp.	(Max.) Rec.	Exp.	Rec. ± 20%	Exp.	Rec.	
HSIC8-1FR	#8 - #1	#8 - #4	.50	.16	.034	.080	3.0	2.50	10
HSIC4-40FR	#4 - 4/0	#4 - 2/0	.75	.24	.030	.080	3.5	2.50	10
HSIC10-500FR	1/0 - 500 kcmil	#1 - 313.1 kcmil	1.10	.35	.039	.120	4.0	3.00	5
HSIC30-1000FR	3/0 - 1000 kcmil	2/0 - 646 kcmil	1.50	.47	.054	.160	4.5	3.25	5
HSIC200FR	300 - 1750 kcmil	250 - 1111 kcmil	2.00	.63	.050	.160	4.5	3.50	5
HSIC269FR	600 - 2500 kcmil	—	2.68	.87	.050	.160	5.0	4.00	5
HSIC350FR	1250 kcmil (min)	—	3.50	1.18	.051	.160	5.0	4.50	5



1. Slide the HSIC-FR end cap onto the cable and hold in place using forefinger or thumb.



2. Beginning at closed end apply heat, blue thermochromatic lines will begin to disappear at 150° C. Gradually, move heat source to open end and around cap. Once lines are no longer visible and adhesive flows out of open end, discontinue heating.



3. HSIC-FR end cap installed on cable.

Blue highlighted items are industry standard and most frequently ordered.

TYPE HSC-FR

VISI-SHRINK

Fire Retardant Clear Heat Shrink Tubing

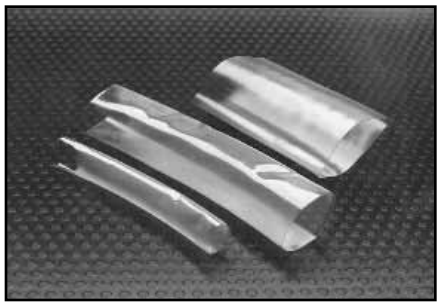
UL Recognized to 600 Volts

Type HSC-FR is a flexible polyvinyl chloride clear heat-shrink tubing. Excellent flame retardant properties and a 2:1 shrink ratio, the VISI-SHRINK tubing enables inspectors to read die index embossments on installed connectors easily. UL recognized, 105° C, 600V, the operating temperature from –20° C to 105° C with a shrink temperature of 135° C.

F-10

Features and Benefits

- UL 224, VW-1 Rated.
  - ◊ Self-extinguishing flame retardant properties.
- Clear Tubing.
  - ◊ Allows inspection of die index embossed and shiner after installation is complete. Should any corrosion occur it will be visible during inspection.
- Low Shrink Temperature.
  - ◊ Only requires common hot air guns to apply.
- Meets MIL-M-23053/Z-206C



Catalog Number	I.D. Expanded	I.D. After Recovery	Wall Thickness	Conductor Range		Standard Reel Size (Feet)
				Code	Flex	
HSC18FR	.125	.062	.025	#16 - #14	#16 - #14	50
HSC18FR250	.125	.062	.025	#16 - #14	#16 - #14	250
HSC14FR	.250	.125	.025	#12 - #8	#12 - #10	50
HSC14FR250	.250	.125	.025	#12 - #8	#12 - #10	250
HSC38FR	.375	.187	.025	#6 - #4	#8 - #6	50
HSC38FR250	.375	.187	.025	#6 - #4	#8 - #6	250
HSC12FR	.500	.250	.025	#4 - #1	#6 - #4	50
HSC12FR250	.500	.250	.025	#4 - #1	#6 - #4	250
HSC34FR	.750	.375	.030	1/0 - 3/0	#2 - 1/0	50
HSC34FR250	.750	.375	.030	1/0 - 3/0	#2 - 1/0	250
HSC100FR	1.00	.500	.035	4/0 - 300	1/0 - 4/0	25
HSC100FR100	1.00	.500	.035	4/0 - 300	1/0 - 4/0	100
HSC112FR	1.50	.750	.040	350 - 750	250 - 500	25
HSC112FR100	1.50	.750	.040	350 - 750	250 - 500	100
HSC200FR	2.00	1.00	.045	800 - 1000	500 - 750	25
HSC200FR100	2.00	1.00	.045	800 - 1000	500 - 750	100

NOTES:
1 Shrink temperature is 135° C (275° F).
2 For best results move heat gun along the length of heat shrink to avoid concentrations.
3 To extend useful life, store material below 70°F.
4 For additional Heat Shrinkable Tubing see "URD" section Type RYAC and RK169-2, RK170-2 in this section.

Blue highlighted items are industry standard and most frequently ordered.

TYPE HS-FR

THIN-WALL HEAT SHRINK

Fire Retardant
Heat Shrink Tubing

UL Recognized to 600 Volts

Type HS-FR is a flexible polyvinyl chloride thin-wall heat-shrink. Offering insulating, color identification and strain relieving properties for terminations and splices. The 2:1 shrink ratio allows for faster shrink recovery, covering wire sizes: #16 AWG to 1000 kcmil. UL recognized, 105° C, 600V, operating temperatures from –20° C to 105° C with a shrink temperature of 135° C.

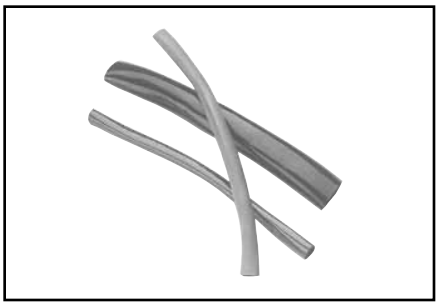
Features and Benefits

- UL 224, VW-1 Rated
  - ◊ Self-extinguishing flame retardant properties.
- Multi-use Tubing
  - ◊ Insulate, strain relief.
- Easy Identification
  - ◊ Available in wide range of colors.
- Low Shrink Temperature
  - ◊ Only requires common hot air guns to apply.
- Meets MIL-M-23053/Z-206C

How to Order:

Example: HS**B**18FR

B	-	Black
BLU	-	Blue
G	-	Green
R	-	Red
W	-	White
Y	-	Yellow



Catalog Number	I.D. Expanded	I.D. After Recovery	Wall Thickness	Conductor Range		Standard Reel Size (Feet)
				Code	Flex	
HS_18FR	.125	.062	.025	#16 - #14	#16 - #14	50
HS_18FR250	.125	.062	.025	#16 - #14	#16 - #14	250
HS_14FR	.250	.125	.025	#12 - #8	#12 - #10	50
HS_14FR250	.250	.125	.025	#12 - #8	#12 - #10	250
HS_38FR	.375	.187	.025	#6 - #4	#8 - #6	50
HS_38FR250	.375	.187	.025	#6 - #4	#8 - #6	250
HS_12FR	.500	.250	.025	#4 - #1	#6 - #4	50
HS_12FR250	.500	.250	.025	#4 - #1	#6 - #4	250
HS_34FR	.750	.375	.030	1/0 - 3/0	#2 - 1/0	50
HS_34FR250	.750	.375	.030	1/0 - 3/0	#2 - 1/0	250
HS_100FR	1.00	.500	.035	4/0 - 300	1/0 - 4/0	25
HS_100FR100	1.00	.500	.035	4/0 - 300	1/0 - 4/0	100
HS_112FR	1.50	.750	.040	350 - 750	250 - 500	25
HS_112FR100	1.50	.750	.040	350 - 750	250 - 500	100
HS_200FR	2.00	1.00	.045	800 - 1000	500 - 750	25
HS_200FR100	2.00	1.00	.045	800 - 1000	500 - 750	100

NOTES:

1 Shrink temperature is 105° C (221° F).
2 For best results move heat gun along the length of heat shrink to avoid concentrations.
3 To extend useful life, store material below 70° F.
4 For additional Heat Shrinkable Tubing see "URD" section Type RYAC and RK169-2, RK170-2 in this section.

MISCELLANEOUS ACCESSORIES

TYPE BHSG1100

HEAT GUN

250° - 1100° F (121° - 650° C)

Multi-purpose, low cost heat gun has an electronic variable thermal control dial. BHSG1100 is UL and CSA Listed. It has a temperature range of 250° - 1100° (121° - 650°C). 2 speed motor. Built-in safety stand heat guard included. Professional heat gun and accessories are recommended for all of your BURNDY® heat shrink applications.



TYPE 145PTAG

94V0 Rated Plastic Tag for Telecom, Transportation & OEM Markets

The new 145PTAG has been designed specifically for the Telecom market. The tag is manufactured from Flame Retardant Nylon with a 94V0 rating. The tag is durable, non-flammable and can be secured to cabling using a multi-ply cord. Within the telecom market these tags typically have P-Touch labels applied or are manually stenciled on both sides. The usual application is to mark the tags in the field with far end termination information, panel identification, voice and data identification and wire & cable marking.



For the OEM user, in addition to the P-Touch label or stenciling, tags can be marked with information using most inks or permanent markers, tags can be secured with a waxed cord, UNIRAP™ cable tie or some other equivalent.

Specifications

Dimensions:	1″ × 1-3/4″ by .060″ thick
Material:	White Nylon UL 94V0
Packaging:	25 tags per polybag
Tag Marking:	Tags are shipped with no markings; markings applied in the field based on application.

Catalog Number	Description
145PTAG	94V0 Rated Plastic

Blue highlighted items are industry standard and most frequently ordered.

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Blue highlighted items are industry standard and most frequently ordered.

UNIRAP™

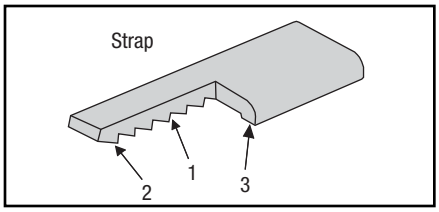
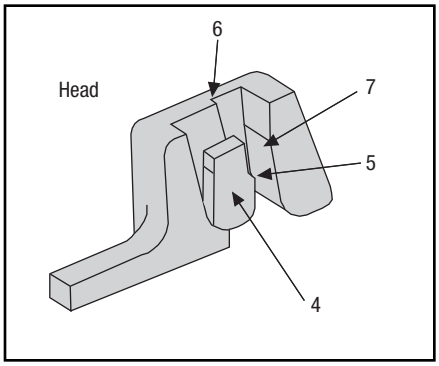
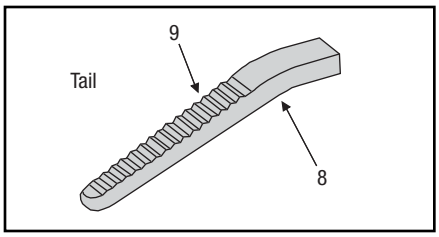
NYLON CABLE TIES

UNIRAP™ cable ties are fabricated of one-piece Nylon with no metal parts. The straps are tough, resilient, lightweight and abrasion resistant. They offer high tensile strength and are chemically resistive to solvents, alkalies, oils, grease and diluted acids. Self-locking, they secure without twisting or leaving sharp projections.

Compact heads and pre-bent tips facilitate cable bundling in a minimum of time and space.

UNIRAP™ cable ties are designed for both field and production line use and may be installed easily by hand.

BURNDY® cable ties consist of three components: strap, head, and tail. These components are specifically designed to function together to make BURNDY® UNIRAP™ cable ties superior in quality and performance.

Component	Precision Engineering	Enhanced Performance
	1. Includes load bearing **serrations.** 2. Features **flats** between the serrations. 3. Features the **double outer rail system.**	1. Serrations provide complete adjustability within the fastening range. 2. Flats reduce stress concentrations and help make the tie stronger. 3. Smooth rails promote low drag, as well as minimize chafing.
	4. The **pawl** is integrally formed with the head. 5. The **pawl** is stepped in order to wedge against the serrations in the strap to form the lock. 6. The **shoulders**, or the sides of the head, guide the strap and prevent it from disengaging from the pawl during loaded conditions. 7. The **back** supports the strap during the wedging of the lock formation.	4. The locking unit will not disengage. It also promotes low insertion with high pull out force for very easy installation. 5. The tie's ultimate strength achieves optimum levels. 6. Promotes cable tie strength, endurance, and longevity. 7. Ensures optimum locking capability.
	8. Features a **bent tip**. 9. Includes a **ribbed grip**.	8. Easy pick-up for installers, which leads to fast assembly. 9. Allows for easy, no-slip grip.

Blue highlighted items are industry standard and most frequently ordered.

Available Materials

Nylon 6/6 — General Purpose
General purpose nylon 6/6 features light weight, high strength and a wide temperature range. It is halogen free so it does not release dangerous gases, such as chlorine, bromine, fluorine and iodine when burned. Nylon 6/6 is hygroscopic, and therefore, absorbs or releases moisture depending on its environment. Thus, the moisture level of the material will affect tensile strength, stiffness and elongation of the product.

Nylon 6/6 — Heat Stabilized
With similar properties and benefits as nylon 6/6, products manufactured with heat stabilized nylon 6/6 material have a chemical stabilizer added for higher continuous temperature applications.

Nylon 6/6 — UV Stabilized
Chemical inhibitors are used to give nylon 6/6 material added properties to fight against premature aging of products due to the effects of ultraviolet rays.

Nylon 6/6 — UV Stabilized
(2% Carbon for Military Specification)
The physical properties of this material include carbon, which acts as a UV stabilizer, prolonging the life of the product under ultraviolet conditions. It also allows cable ties to meet the particular military specification for cable ties.

Nylon 6/6 — V0 Flame Retardant
This material meets UL 94V-0 flammability requirements. Flame retardant additives generally reduce tensile strength when compared to general-purpose nylon 6/6, but this resin has been formulated to minimize such effects.

Nylon 6/6 — High Impact
Impact modifiers are added to increase flexibility. High impact nylon 6/6 has stable tensile strength due to its reduced influence from moisture. It is excellent for high vibration applications, as within the aircraft and automobile industries and performs better than nylon 6/6 against ultraviolet rays. Good for outdoor use.

Polypropylene
Polypropylene is used in environments where chemical effects on nylon are a concern. It is not affected by inorganic acids (hydrochloric), polyhydric alcohols (ethyleneglycol), neutral salts (sodium chloride) and basic salts (sodium bicarbonate). Polypropylene also resists a number of other chemicals with good results, although it has lower tensile strength than nylon 6/6 (about half). Polypropylene has good UV resistance.

Tefzel®
Although about two-thirds the strength of nylon 6/6, Tefzel is resistant to a wide range of chemicals, such as concentrated hydrofluoric and sulfuric acids. It is also a low water absorbing material, therefore, is not adversely affected by water. Tefzel is radiation resistant up to 100 megarads and meets the fire and smoke requirements of IEEE 383. Tefzel also withstands high temperatures and ultraviolet light exposure. Products made from Tefzel material also have non-outgassing properties for zero gravity applications.

Halar®
Halar is similar to Tefzel in performance and benefits. Halar is recognized for its low smoke density attribute when burned. This makes products made out of Halar more desirable for use in areas where smoke generation is a concern, as when bundling wire and cable in air handling spaces.

Material Specifications

Material	Continuous* Operating Temperature Max.	Continuous* Operating Temperature Min.	Tensile Strength at 73° F Dry as Molded ASTM D-638 (PSI)	UL Flame Rating	Oxygen Index %	Gamma Radiation Resistance	UV Resistance	Military, Federal, ASTM, and FDA Specifications
Nylon 6/6 — General Purpose (CT)	185° F 85° C	–40° F –40° C	12,000	94V-2	28	1×10^5 Rads	Poor	ASTM D-4066PA0111 FDA CFR177.1500
Nylon 6/6 — Heat Stabilized (CTHS)	220° F 105° C	–40° F –40° C	12,000	94V-2	26	1×10^5 Rads	Poor	ASTM D-4066PA0121
Nylon 6/6 — UV Stabilized (O)	185° C 85° C	–40° F –40° C	12,000	94V-2	26	1×10^5 Rads	Good	ASTM D4066PA0191
Nylon 6/6 — 2% Carbon UV Stabilized (OO)	220° F 105° C	–40° F –40° C	12,000	94V-2	26	1×10^5 Rads	Good	ASTM D-4066PA0181 MS3367/8
Nylon 6/6 — Flame Retardant (CTV)	185° F 85° C	–40° F –40° C	10,800	94V-0	34	1×10^5 Rads	Poor	ASTM D-4066PA0110
Nylon 6/6 — High Impact	185° F 85° C	–40° F –40° C	8,800	94-HB	19	1×10^5 Rads	Good	ASTM D-4066PA0150
Polypropylene — Chemical Resistant (CTPP)	185° F 85° C	–40° F –40° C	3,400	94-HB	N/A	1×10^5 Rads	Good	ASTM D-4101PP0320 FDA CFR177.1520
Nylon 12 — UV Stabilized	176° F 80° C	–40° F –40° C	5,800	94-HB	N/A	9×10^6 Rads	Good	ASTM D-4066PA411
Tefzel® (CTZ)	302° F 150° C	–50° F –46° C	5,800	94V-0	30	2×10^8 Rads	Excellent	UL2043 Grade 1 ASTM D-3159 Type 1
Halar® (CTH)	284° F 140° C	–50° F –46° C	6,100	94V-0	52	2×10^8 Rads	Excellent	ASTM D-3275 Type 3 FDA CRF177.1380

* Elevated temperatures, over time, will affect materials' properties such as tensile strength, stiffness, elongation and appearance.

BURNDY® recommends the evaluation of cable ties in the actual application to determine the suitability of the tie for that application.

Tefzel® is a registered trademark of E.I. DuPont Corporation.
Halar® is a registered trademark of Ausimont Chemical Co.

Blue highlighted items are industry standard and most frequently ordered.

Material Performance Guide

Selection	Nylon 6/6 General Purpose	Nylon 6/6 Heat Stab.	Nylon 6/6 UV Stab.	Nylon 6/6 2% Carbon UV Stab.	Nylon 6/6 Flame Ret. V0	Nylon 6/6 High Impact	Poly-propylene	Nylon 12 UV Stab.	Tefzel®	Halar®
Tensile Strength	8	8	8	9	7	8	2	4	5	5
High Temp.	2	3	2	2	2	2	2	1	10	10
Flammability	5	5	5	5	10	2	2	2	10	10
UV Resistance	1	1	5	8	1	2	5	3	10	10
Radiation	3	3	3	3	3	3	6	3	10	10
Chemical	6	6	6	6	6	6	8	8	10	10
— Hydrocarbons	8	8	8	8	8	8	6	8	10	10
— Chlorinated	6	6	6	6	6	6	3	8	10	10
— Hydrocarbons	2	2	2	2	2	2	8	5	10	10
— Acids-Bases	6	6	6	6	6	6	8	6	10	10
— Salts	3	3	3	3	3	3	10	8	10	10
Relative Cost	Low	Low	Med.	Med.	Med.	Med.	Med.	Med.	High	High

1 = Least Recommended 10 = Most Recommended

The following chart is meant to help you understand BURNDY's cable tie catalog numbering system. Not every cable tie is available in every listed option. See below Catalog Numbering System Charts or contact BURNDY® Customer Service for more information.

Gray bars contain catalog number examples.

Type	Tensile	Bundle Dia.	Feature	Package	Color
CT	50	175		C	
BET = BURNDY® Extended Tie CT = Nylon 6/6 Standard CTAS = Aerial Support CTH = Halar ® CTZ = Tefzel ® CTHS = Nylon 6/6 Heat Stabilized CTV = Nylon 6/6 Flame Retardant UL94V-0 CTPP = Polypropylene	18 = 18 lbs. 30 = 30 lbs. 40 = 40 lbs. 50 = 50 lbs. 120 = 120 lbs. 175 = 175 lbs. 250 = 250 lbs.	075 = 3/4″ 087 = 7/8″ 100 = 1″ 125 = 1-1/4″ 137 = 1-3/8″ 150 = 1-1/2″ 175 = 1-3/4″ 200 = 2″ 250 = 2-1/2″ 300 = 3″ 400 = 4″ 500 = 5″ 600 = 6″ 700 = 7″ 800 = 8″ 900 = 9″ 1000 = 10″ 1100 = 11″ 1200 = 12″ 1300 = 13″ 1400 = 14″ 1500 = 15″ 1600 = 16″	EPR = Extended Pawl Releasable ID = Single Head ID ID2 = Double Head ID ID3 = Triple Head ID FL = ID Flag MH4 = Mounting Hole #4 MH6 = Mounting Hole #6 MH8 = Mounting Hole #8 MH10 = Mounting Hole #10 MH14 = Mounting Hole #14 PM = Push Mount Tie PML = Push Mount Tie w/Louvers PMW = Push Mount Tie w/Wing R = Releasable Tie LP = Low Profile Tie PS = Positive Stop	V = 5 X = 10 Q = 25 L = 50 C = 100 B = 250 D = 500 M = 1000	1 = Brown 2 = Red 3 = Orange 4 = Yellow 5 = Green 6 = Blue 7 = Purple 8 = Gray None = Natural 10 = White 11 = Telco Gray 0 = UV Black[1] 00 = UV Black[2] 02 = Red 20 = Black

[1]Material: Nylon 6/6 — UV Stabilized

[2]Material: Nylon 6/6 — 2% Carbon UV Stabilized (Mil. Spec.)

Type	Tensile	Bundle Dia.		Package	
CTSS	100	200		C	
CTSS = 304 Stainless Steel	100 = 100 lbs. 250 = 250 lbs.	Same as above		Same as above	

Type	Size	Mount Method	Feature	Quantity	Color
CTB	125	RA	4	C	0
CTB = Cable Tie Base	075 = 3/4” 125 = 1-1/4” 150 = 1=1/2”	RA = Rubber Adhesive AA = Acrylic Adhesive S = Screw Mounted	2 = 2 way 4 = 4 way	L = 50 C = 100 D = 500 M = 1000	0 = UV Black

Military Specification UNIRAP™ Cable Ties

The BURNDY® cable ties shown below meet the requirements of SAE AS23190A (formerly MIL-S-23190) in accordance with specification MS3367, MS3368, and QPL-23190.

Natural Cable Ties

Mil Spec	Distributor Pack Catalog Number	Bulk Pack Catalog Number	Description (Bundle Dia. - Tensile Strength)
MS3367-1-9	CT50175C	CT50175M	1.75″ - 50 lbs.
MS3367-2-9	CT50400C	CT50400M	4″ - 50 lbs.
MS3367-3-9	CT120400L	CT120400D	4″ - 120 lbs.
MS3367-3-9	CT175400Q	N/A	4″ - 175 lbs.
MS3367-3-9	CT175600Q	N/A	6″ - 175 lbs.
MS3367-4-9	CT18075C	CT18075M	.75″ - 18 lbs.
MS3367-5-9	CT30125C	CT30125M	1.25″ - 30 lbs.
MS3367-6-9	CT120900L	CT120900D	9″ - 120 lbs.
MS3367-6-9	CT175900Q	N/A	9″ - 175 lbs.
MS3367-7-9	CT50300C	CT50300M	3″ - 50 lbs.

UV Resistant Black Cable Ties

Mil Spec	Distributor Pack Catalog Number	Bulk Pack Catalog Number	Description (Bundle Dia. - Tensile Strength)
MS3367-1-0	CT50175C00	CT50175M00	1.75″ - 50 lbs.
MS3367-2-0	CT50400C00	CT50400M00	4″ - 50 lbs.
MS3367-3-0	CT120400L00	CT120400D00	4″ - 120 lbs.
MS3367-3-0	N/A	N/A	4″ - 175 lbs.
MS3367-3-0	CT175600Q00	N/A	6″ - 175 lbs.
MS3367-4-0	CT18075C00	CT18075M00	.75″ - 18 lbs.
MS3367-5-0	CT30125C00	CT30125M00	1.25″ - 30 lbs.
MS3367-6-0	CT120900L00	CT120900D00	9″ - 120 lbs.
MS3367-6-0	CT175900Q00	N/A	9″ - 175 lbs.
MS3367-7-0	CT50300C00	CT50300M00	3″ - 50 lbs.

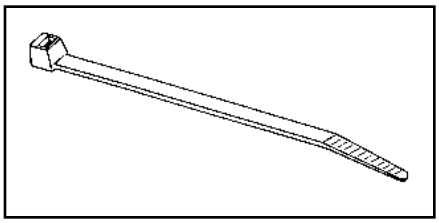
Natural Identification Cable Ties

Mil Spec	Distributor Pack Catalog Number	Bulk Pack Catalog Number	Description (Bundle Dia. - Tensile Strength)
MS3368-1-A	CT50175IDC	N/A	1.75″ - 50 lbs.
MS3368-2-A	CT50400IDC	N/A	4″ - 50 lbs.
MS3368-3-C	CT50175ID2L	N/A	1.75″ - 50 lbs. Double Strap
MS3368-4-D	CT50175ID3L	N/A	1.75″ - 50 lbs. Triple Strap
MS3368-5-E	CT18075IDC	N/A	.75″ - 18 lbs.

Blue highlighted items are industry standard and most frequently ordered.

UNIRAP™

STANDARD CABLE TIES



18 Lb. Minimum Tensile Strength

Standard Package Catalog Number	Material	Maximum Bundle Diameter Inches [mm]	Minimum Tensile Strength Lbs. (N)	Length Inches [mm]	Width Inches [mm]	Installation Tool	Tool Setting	Bulk Package Catalog Number
CT18075C	Natural Nylon 6/6	.75 [19]	18 (80)	4.00 [102]	.10 [2.5]	TWT1, MK7	Mini	CT18075M
CT18075C0	Black Nylon 6/6 UV							CT18075M0
CT18125C	Natural Nylon 6/6	1.25 [32]		5.67 [144]				CT18125M
CT18125C0	Black Nylon 6/6 UV							CT18125M0
CT18200C	Natural Nylon 6/6	2.00 [51]		8.00 [203]				CT18200M
CT18200C0	Black Nylon 6/6 UV							CT18200M0

30 Lb. Minimum Tensile Strength

Standard Package Catalog Number	Material	Maximum Bundle Diameter In. [mm]	Minimum Tensile Strength Lbs. (N)	Length In. [mm]	Width In. [mm]	Installation Tool	Tool Setting	Bulk Package Catalog Number
CT30125C	Natural Nylon 6/6	1.25 [32]	30 (133)	6.00 [152]	.14 [3.6]	TWT1, MK7	Intermediate	CT30125M
CT30125C0	Black Nylon 6/6 UV							CT30125M0

40 Lb. Minimum Tensile Strength

Standard Package Catalog Number	Material	Maximum Bundle Diameter Inches [mm]	Minimum Tensile Strength Lbs. (N)	Length Inches [mm]	Width Inches [mm]	Installation Tool	Tool Setting	Bulk Package Catalog Number
CT40200C	Natural Nylon 6/6	2.00 [51]	40 (178)	8.50 [216]	.15 [3.8]	TWT1, MK7	Intermediate	CT40200M
CT40200C0	Black Nylon 6/6 UV							CT40200M0
CT40300C	Natural Nylon 6/6	3.00 [76]		11.50 [292]				CT40300M
CT40300C0	Black Nylon 6/6 UV							CT40300M0
CT40400C	Natural Nylon 6/6	4.00 [102]		14.50 [368]				CT40400M
CT40400C0	Black Nylon 6/6 UV							CT40400M0

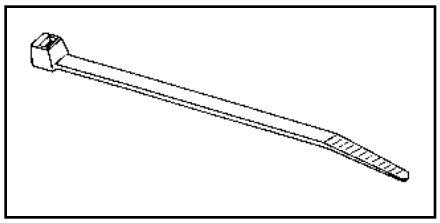
50 Lb. Minimum Tensile Strength

Standard Package Catalog Number	Material	Maximum Bundle Diameter Inches [mm]	Minimum Tensile Strength Lbs. (N)	Length Inches [mm]	Width Inches [mm]	Installation Tool	Tool Setting	Bulk Package Catalog Number
CT50175C	Natural Nylon 6/6	1.75 [44]	50 (222)	8.00 [203]	.18 [4.6]	TWT1, MK7	Standard	CT50175M
CT50175C0	Black Nylon 6/6 UV							CT50175M0
CT50300C	Natural Nylon 6/6	3.00 [76]		11.75 [298]				CT50300M
CT50300C0	Black Nylon 6/6 UV							CT50300M0
CT50400C	Natural Nylon 6/6	4.00 [102]		15.50 [394]				CT50400M
CT50400C0	Black Nylon 6/6 UV							CT50400M0

Blue highlighted items are industry standard and most frequently ordered.

UNIRAP™

STANDARD CABLE TIES
(Continued)



120 Lb. Minimum Tensile Strength

Standard Package Catalog Number	Material	Maximum Bundle Diameter Inches [mm]	Minimum Tensile Strength Lbs. (N)	Length Inches [mm]	Width Inches [mm]	Installation Tool	Tool Setting	Bulk Package Catalog Number
CT120200L	Natural Nylon 6/6	2.00 [51]	120 (534)	8.87 [226]	.30 [7.6]	TWT2, MK9	Standard	CT120200D
CT120200L0	Black Nylon 6/6 UV							CT120200D0
CT120300L	Natural Nylon 6/6	3.00 [76]		11.87 [302]				CT120300D
CT120300L0	Black Nylon 6/6 UV							CT120300D0
CT120400L	Natural Nylon 6/6	4.00 [102]		15.25 [387]				CT120400D
CT120400L0	Black Nylon 6/6 UV							CT120400D0
CT120900L	Natural Nylon 6/6	9.00 [229]		29.75 [776]				
CT120900L0	Black Nylon 6/6 UV							

175 Lb. Minimum Tensile Strength

Standard Package Catalog Number	Material	Maximum Bundle Diameter Inches [mm]	Minimum Tensile Strength Lbs. (N)	Length Inches [mm]	Width Inches [mm]	Installation Tool	Tool Setting	Bulk Package Catalog Number
CT175400Q	Natural Nylon 6/6	4.00 [102]	175 (778)	15.00 [381]	.35 [8.9]	TWT2, MK9	Heavy	
CT175400Q0	Black Nylon 6/6 UV							
CT175600Q	Natural Nylon 6/6	6.00 [152]		21.00 [533]				
CT175600Q0	Black Nylon 6/6 UV							
CT175900Q	Natural Nylon 6/6	9.00 [229]		32.00 [813]				
CT175900Q0	Black Nylon 6/6 UV							
CT17511000Q	Natural Nylon 6/6	11.00 [279]		36.00 [914]				
CT175110000Q0	Black Nylon 6/6 UV							
CT17514000Q	Natural Nylon 6/6	14.00 [356]		52.00 [1321]				
CT175140000Q0	Black Nylon 6/6 UV							

250 Lb. Minimum Tensile Strength

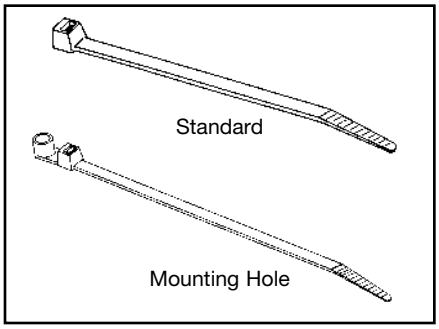
Standard Package Catalog Number	Material	Maximum Bundle Diameter Inches [mm]	Minimum Tensile Strength Lbs. (N)	Length Inches [mm]	Width Inches [mm]	Installation Tool	Tool Setting	Bulk Package Catalog Number
CT250600Q	Natural Nylon 6/6	6.00 [152]	250 (1112)	23.00 [584]	.50 [12.7]	TWT2, MK9	Heavy	
CT250600Q0	Black Nylon 6/6 UV							
CT250800Q	Natural Nylon 6/6	8.00 [203]		29.00 [737]				
CT250800Q0	Black Nylon 6/6 UV							
CT25010000Q	Natural Nylon 6/6	10.00 [254]		35.00 [889]				
CT250100000Q0	Black Nylon 6/6 UV							
CT25012000Q	Natural Nylon 6/6	12.00 [305]		40.00 [1016]				
CT250120000Q0	Black Nylon 6/6 UV							

Blue highlighted items are industry standard and most frequently ordered.

TYPE UG

UNIRAP™ Cable Ties





Features and Benefits

- Nylon 6/6 Standard
- Available in Black and Natural
- One piece injection molded
- Maximum strength and adjustability for versatility
- Chemically resistant to solvents, oils, grease, and diluted acids
- Rounded edges and bent tip for easy installation
- Self-Locking

Standard Cable Ties

Standard Package Catalog Number	Material	Maximum Bundle Diameter Inches [mm]	Minimum Tensile Strength Lbs. (N)	Length Inches [mm]	Width Inches [mm]	Installation Tool	Tool Setting	Qty. per Package
CT18075CUG	Natural Nylon 6/6	.75 [19]	18 (80)	4.00 [102]	.10 [2.5]	TWT1, MK7	Mini	100
CT18075C0UG	Black Nylon 6/6 UV							
CT18200MUG	Natural Nylon 6/6	2.00 [51]		8.00 [203]				1000
CT30125CUG	Natural Nylon 6/6	1.25 [32]	30 (133)	6.00 [152]	.14 [3.6]		Intermediate	100
CT30125C0UG	Black Nylon 6/6 UV							
CT40200CUG	Natural Nylon 6/6	2.00 [51]	40 (178)	8.50 [216]	.15 [3.8]			
CT50175CUG	Natural Nylon 6/6	1.75 [44]	50 (222)	8.00 [203]	.18 [4.6]		Standard	
CT50175C0UG	Black Nylon 6/6 UV							
CT50175MUG	Natural Nylon 6/6							1000
CT50175M0UG	Black Nylon 6/6 UV							
CT50300CUG	Natural Nylon 6/6	3.00 [76]		11.30 [288]				100
CT50300C0UG	Black Nylon 6/6 UV							
CT50300MUG	Natural Nylon 6/6							1000
CT50300M0UG	Black Nylon 6/6 UV							
CT50400CUG	Natural Nylon 6/6	4.00 [102]		15.50 [394]				100
CT50400C0UG	Black Nylon 6/6 UV							
CT120400LUG	Natural Nylon 6/6		120 (534)	15.25 [387]	.30 [7.6]	TWT2, MK9		50
CT120400L0UG	Black Nylon 6/6 UV							

Mounting Hole Cable Ties

Standard Package Catalog Number	Material	Screw Size	Maximum Bundle Diameter Inches [mm]	Minimum Tensile Strength Lbs. (N)	Length Inches [mm]	Width Inches [mm]	Installation Tool	Tool Setting	Qty. per Package
CT50175MH10CUG	Nylon 6/6	#10 (M5)	1.75 [44]	50 (222)	8.50 [216]	.18 [4.6]	MK7	Standard	100

Mounting Bases

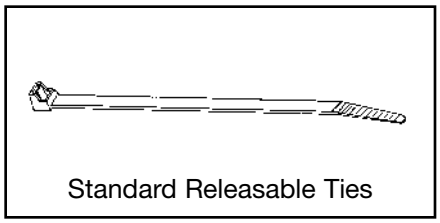
Standard Package Catalog Number	Mounting Method	Maximum Tie Slot Width	Dimension A	Dimension B	Dimension C	Package Qty.
CTB125RA4CUG	Rubber Adhesive	.20″	1.125″	1.125″	.19″	100

Blue highlighted items are industry standard and most frequently ordered.

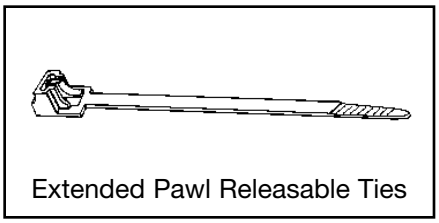
UNIRAP™

RELEASABLE CABLE TIES

Perfect for prototype construction, releasable cable ties are ideal for temporary installations. Releasable ties are also good for applications where service requires adding or subtracting wires from an existing wire bundle.



Standard Releasable Ties



Extended Pawl Releasable Ties

Standard Releasable Cable Ties

Standard Package Catalog Number	Material	Maximum Bundle Diameter Inches [mm]	Minimum Tensile Strength Lbs. (N)	Length Inches [mm]	Width Inches [mm]
CT40200RC	Natural Nylon 6/6	2.00 [51]	40 (178)	8.50 [216]	.16 [4]
CT40200RC0	Black Nylon 6/6 UV				
CT50137RC	Natural Nylon 6/6	1.38 [35]	50 (222)	6.50 [165]	.18 [4.6]
CT50137RC0	Black Nylon 6/6 UV				
CT50400RC	Natural Nylon 6/6	4.00 [102]		15.50 [394]	
CT50400RC0	Black Nylon 6/6 UV				

Extended Pawl Releasable Cable Ties

Standard Package Catalog Number	Material	Maximum Bundle Diameter Inches [mm]	Minimum Tensile Strength Lbs. (N)	Length Inches [mm]	Width Inches [mm]
CT50137EPRC	Natural Nylon 6/6	1.38 [35]	50 (222)	5.50 [140]	.291 [7.4]
CT50137EPRC0	Black Nylon 6/6 UV				
CT50250EPRC	Natural Nylon 6/6	2.50 [64]		9.80 [249]	
CT50250EPRC0	Black Nylon 6/6 UV				

Heavy Duty Releasable Cable Ties

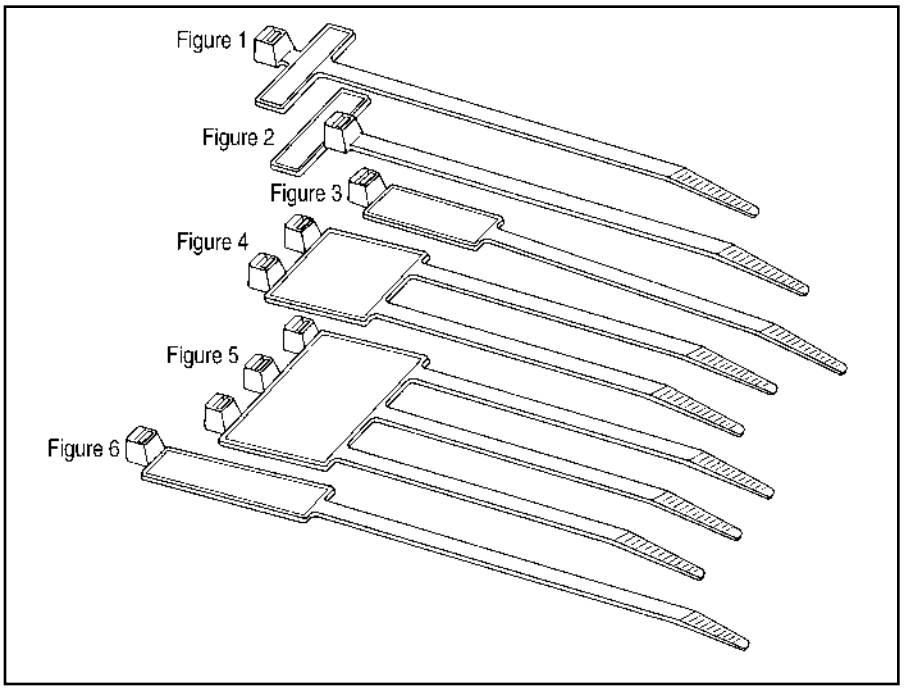
Standard Package Catalog Number	Material	Maximum Bundle Diameter Inches [mm]	Minimum Tensile Strength Lbs. (N)	Length Inches [mm]	Width Inches [mm]
CT250200RQ	Natural Nylon 6/6	2.00 [51]	250 (1112)	9.00 [229]	.50 [12.7]
CT250200RQ0	Black Nylon 6/6 UV				
CT250500RQ	Natural Nylon 6/6	5.00 [127]		20.00 [508]	
CT250500RQ0	Black Nylon 6/6 UV				
CT250600RQ	Natural Nylon 6/6	6.00 [152]		23.00 [584]	
CT250600RQ0	Black Nylon 6/6 UV				
CT250800RQ	Natural Nylon 6/6	8.00 [203]		29.00 [737]	
CT250800RQ0	Black Nylon 6/6 UV				
CT2501000RQ	Natural Nylon 6/6	10.00 [254]		35.00 [889]	
CT2501000RQ0	Black Nylon 6/6 UV				
CT2501200RQ0	Black Nylon 6/6 UV	12.00 [305]		40.00 [1016]	

Blue highlighted items are industry standard and most frequently ordered.

UNIRAP™

IDENTIFICATION CABLE TIES

Identification cable ties are used in both bundling and identifying wire groups at the same time.

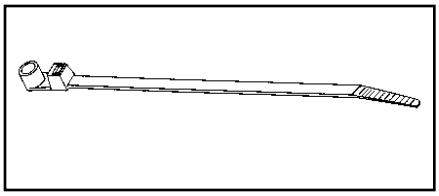


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Standard Package Catalog Number	Material	Fig. No.	Marking Pad Size Inches [mm]	Maximum Bundle Diameter Inches [mm]	Minimum Tensile Strength Lbs. (N)	Length Inches [mm]	Width Inches [mm]	Installation Tool & (Setting)
CT18075IDC	Natural Nylon 6/6	1	1 × 19/64 [25.4 × 7.5]	.75 [19]	18 (80)	4.00 [102] 4.25 [108]	.10 [2.5]	MK7 (MIN)
CT18075FLC		2	13/16 × 5/16 [20.5 × 7.9]					
CT50175IDC		3	1 × 7/16 [25.4 × 11.1]	1.75 [44]	50 (222)	8.00 [203]	.18 [4.6]	MK7 (STD)
CT50175ID2L		4	1-11/16 × 5/16 [29.8 × 23.8]					
CT50175ID3L		5	1-13/16 × 15/16 [46 × 23.8]					
CT50400IDC		6	1/2 × 2-1/8 [12.7 × 54]	4.00 [107]		15.00 [381]		

UNIRAP™

MOUNTING HOLE CABLE TIES



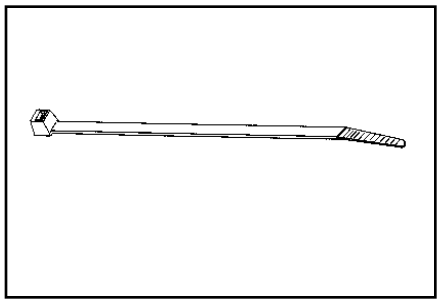
Standard Package Catalog Number	Material	Screw Size	Maximum Bundle Diameter Inches [mm]	Minimum Tensile Strength Lbs. (N)	Length Inches [mm]	Width Inches [mm]	Installation Tool & (Setting)	Bulk Package Catalog Number
CT18075MH4C	Natural Nylon 6/6	#4 (M2,5)	.75 [19]	18 (80)	4.25 [108]	.10 [2.5]	MK7 (MIN)	CT18075MH4M
CT18075MH4C0	Black Nylon 6/6 UV							—
CT30125MH8C	Nylon 6/6	#8 (M4)	1.25 [32]	30 (133)	6.25 [159]	.14 [3.6]	MK7 (INT)	—
CT30125MH8C0	Nylon 6/6 UV							—
CT50175MH10C	Nylon 6/6	#10 (M5)	1.75 [44]	50 (222)	8.50 [216]	.18 [4.6]	MK7 (STD)	CT50175MH10M
CT50175MH10C0	Nylon 6/6 UV							CT50175MH10M0
CT50400MH10C	Nylon 6/6 GP	#10 (M5)	4.00 [102]	50 (222)	16.00 [406]			—
CT50400MH10C0	Nylon 6/6 UV							CT50400MH10M0
CT120400MH14L	Nylon 6/6	1/4″ (M6)	4.00 [102]	120 (534)	16.25 [413]	.30 [7.6]	MK9 (STD)	—
CT120400MH14L0	Nylon 6/6 UV							CT120400MH14D0

Blue highlighted items are industry standard and most frequently ordered.

UNIRAP™

HALAR® TIES

Halar® ties meet NEC regulations and can be used in applications where low smoke and low flame are a concern, as in air handling spaces. The raw material used to manufacture BURNDY® Halar® cable ties is UL 94V-0 rated. These ties come in a distinct color of red for easy identification.



Halar® Cable Ties

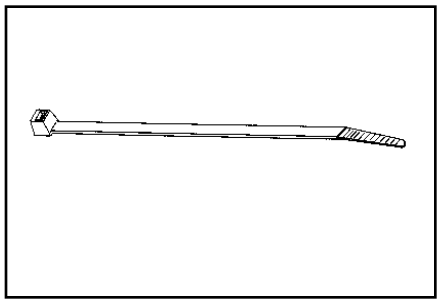
Standard Package Catalog Number	Material	Maximum Bundle Diameter Inches [mm]	Minimum Tensile Strength Lbs. (N)	Length Inches [mm]	Width Inches [mm]	Installation Tool	Tool Setting	Bulk Package Catalog Number
CTH18075C	Halar	.75 [19]	18 (80)	4.00 [102]	.10 [2.5]	MK7	Mini	**CTH18075M**
CTH30200C		2.00 [51]	30 (133)	8.00 [203]	.14 [3.6]		Intermediate	—
CTH50175C		1.75 [44]	50 (222)	8.00 [203]	.18 [4.6]		Standard	**CTH50175M**
CTH120400L		4.00 [102]	120 (534)	15.25 [387]	.18 [4.6]	MK9		—

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UNIRAP™

TEFZEL® TIES

Tefzel® ties provide excellent protection against radiation, ultraviolet light, and a wide range of chemicals. It is also rated for low outgassing applications. BURNDY® Tefzel® ties offer temperature stability to 150° C and come in a standard color of blue for easy identification.



Tefzel® Cable Ties

Standard Package Catalog Number	Material	Maximum Bundle Diameter Inches [mm]	Minimum Tensile Strength Lbs. (N)	Length Inches [mm]	Width Inches [mm]	Installation Tool	Tool Setting	Bulk Package Catalog Number
CTZ18075C	Tefzel	.75 [19]	18 (80)	4.00 [102]	.10 [2.5]	MK7	Mini	—
CTZ30200C		2.00 [51]	30 (133)	8.00 [203]	.14 [3.6]		Intermediate	—
CTZ50175C		1.75 [44]	50 (222)	8.00 [203]	.18 [4.6]		Standard	—
CTZ120400L		4.00 [102]	120 (534)	15.25 [387]	.18 [4.6]	MK9		**CTZ120400D**

Blue highlighted items are industry standard and most frequently ordered.

TYPE TFV-B

HOOK AND LOOP STRAPS

Reusable and flexible BURNDY® Hook and Loop Straps are a unique self-gripping fastening system.

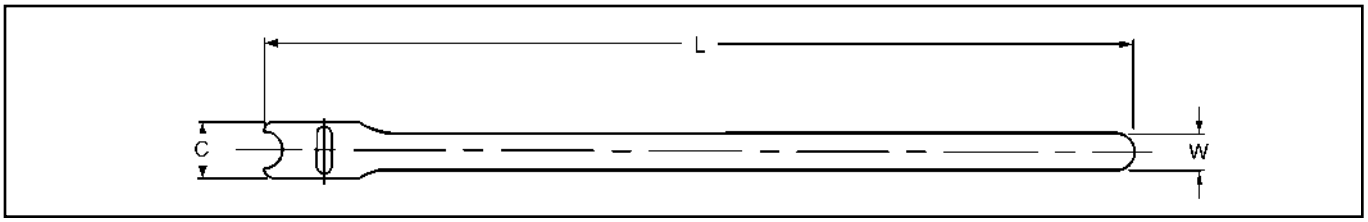
These ties are specifically used on fiberoptic applications.

The TFV-V2 flame retardant straps are UL Listed Wire Positioning Devices (ZODZ), UL94-V2 rated for use in air handling spaces in accordance with the NEC section 300-22 (c) and (d). Perfect for plenum areas.

25 straps are conveniently packaged in each polybag.



G-12



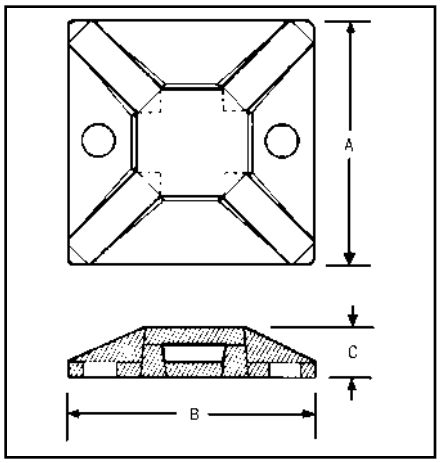
Catalog Number	Product Description	C	L	W	T	Maximum Bundle Dia.	Avg. Sheer (PSI)	Avg. Peel (PIW)	Pkg. Qty.
TFV3B12V2**	VELCRO® hook and loop strap, 3/4″ × 12″, Black, 25pk	0.75″	12.00″	.50″	.09″	3.0″	29	.6	*1
TFV3B18V2**	VELCRO® hook and loop strap, 3/4″ × 18″, Black, 25pk	0.75″	18.00″	.50″	.09″	5.0″	29	.6	*1
TFV3B6V2**	VELCRO® hook and loop strap, 3/4″ × 6″, Black, 25pk	0.75″	6.00″	.50″	.09″	1.0″	23	.6	*1
TFV3BLU12	VELCRO® hook and loop strap, 3/4″ × 12″, Royal Blue, 25pk	0.75″	12.00″	.50″	.09″	3.0″	23	.5	*1
TFV3BLU18	VELCRO® hook and loop strap, 3/4″ × 18″, Royal Blue, 25pk	0.75″	18.00″	.50″	.09″	5.0″	23	.5	*1

* Straps sold by the package, quantity 1 package equals 25 straps.
** UL94-V2 listed.
VELCRO® is a registered trademark of Velcro USA, Inc.

MOUNTING BASES

BURNDY® offers a wide variety of mounting bases suited for many applications. Mounting bases are used in conjunction with cable ties to stabilize and secure wire bundles, both indoors and outdoors. Mounting bases can be secured to a surface using rubber based adhesive, acrylic adhesive, or also can be screw mounted.

BURNDY's 4-way mounting bases are available in four sizes to accommodate CT18 through CT50 series cable ties. Insertion of ties can be made from all sides. Each mount may be secured with two screws, with adhesive backing, or both, for ease of application and stability. For applications where higher temperatures, certain chemicals, or UV radiation are a concern and an adhesive is the preferred method for securing, the acrylic adhesive 4-way mounting bases are recommended.



The 2-way mounting bases may be secured with one screw, with adhesive backing, or both, and allow ties to be inserted from two sides.

G-13

4-Way

Catalog Number	Mounting Method	Maximum Tie Slot Width	Dimension A	Dimension B	Dimension C	Pkg. Qty.
CTB075S4C	#4 Screw	.14″	.75″	.75″	.15″	100
CTB075AA4C	Acrylic Adhesive	.14″	.75″	.75″	.15″	100
CTB075RA4C	Rubber Adhesive	.14″	.75″	.75″	.15″	100
CTB075RA4M	Rubber Adhesive	.14″	.75″	.75″	.15″	1000
CTB125S4C	#8 Screw	.20″	1.125″	1.125″	.19″	100
CTB125AA4C	Acrylic Adhesive	.20″	1.125″	1.125″	.19″	100
CTB125RA4C	Rubber Adhesive	.20″	1.125″	1.125″	.19″	100
CTB125RA4L	Rubber Adhesive	.20″	1.125″	1.125″	.19″	50
CTB125RA4D	Rubber Adhesive	.20″	1.125″	1.125″	.19″	500
CTB150S4B	#8 Screw	.35″	1.5″	1.5″	.25″	250
CTB150AA4C	Acrylic Adhesive	.35″	1.5″	1.5″	.25″	100
CTB150RA4C	Rubber Adhesive	.35″	1.5″	1.5″	.25″	100
CTB150RA4B	Rubber Adhesive	.35″	1.5″	1.5″	.25″	250

All bases listed above are natural. UV Black mounting bases are also available in nearly every size. Insert "0" after the part number.

2-Way

Catalog Number	Mounting Method	Maximum Tie Slot Width	Dimension A	Dimension B	Dimension C	Pkg. Qty.
CTB125S2C	#6 Screw	.18″	1.125″	1.125″	.21″	100
CTB125RA2C	Rubber Adhesive	.18″	1.125″	1.125″	.21″	100

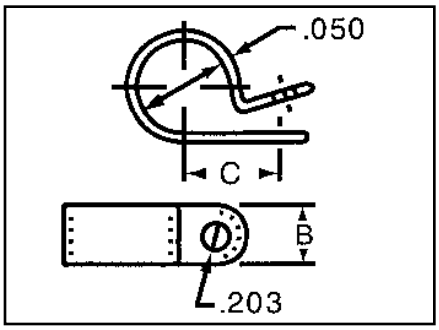
All bases listed above are natural. UV Black mounting bases are also available in nearly every size. Insert "0" after the part number.

Blue highlighted items are industry standard and most frequently ordered.

CABLE HANGERS

Cable Hangers provide a contact area range of 1/2″ to 3/8″ in width. All contact edges have a full radius for product protection, and sizes are clearly marked on each clamp.

Cable Hangers are injection molded. Available in white nylon 6/6 and black nylon 6/6.



G-14

Catalog Number	Mounting Screw	Maximum Bundle	Dimension B (Width)	Dimension C (Mount Hole Centers)	Pkg. Qty.
CH2C	#10 Screw	.125″	.375″	.329″	100
CH2M	#10 Screw	.125″	.375″	.329″	1000
CH3C	#10 Screw	.187″	.375″	.430″	100
CH3M	#10 Screw	.187″	.375″	.430″	1000
CH4C	#10 Screw	.25″	.375″	.410″	100
CH4M	#10 Screw	.25″	.375″	.410″	1000
CH5C	#10 Screw	.312″	.375″	.495″	100
CH5M	#10 Screw	.312″	.375″	.495″	1000
CH6C	#10 Screw	.375″	.375″	.595″	100
CH6M	#10 Screw	.375″	.375″	.595″	1000
CH7C	#10 Screw	.437″	.375″	.574″	100
CH7M	#10 Screw	.437″	.375″	.574″	1000
CH8C	#10 Screw	.5″	.375″	.605″	100
CH8M	#10 Screw	.5″	.375″	.605″	1000
CH9C	#10 Screw	.563″	.375″	.606″	100
CH9M	#10 Screw	.563″	.375″	.606″	1000
CH10C	#10 Screw	.625″	.375″	.606″	100
CH10M	#10 Screw	.625″	.375″	.606″	1000
CH11C	#10 Screw	.625″	.5″	.655″	100
CH11M	#10 Screw	.625″	.5″	.655″	1000
CH12C	#10 Screw	.750″	.5″	.78″	100
CH12M	#10 Screw	.750″	.5″	.78″	1000
CH14C	#10 Screw	.875″	.5″	.845″	100
CH14M	#10 Screw	.875″	.5″	.845″	1000
CH16C	#10 Screw	1″	.5″	.91″	100
CH16M	#10 Screw	1″	.5″	.91″	1000
CH18C	#10 Screw	1.12″	.5″	.97″	100
CH18M	#10 Screw	1.12″	.5″	.97″	1000
CH24L	#10 Screw	1.5″	.5″	1.19″	50
CH24C	#10 Screw	1.5″	.5″	1.19″	100

All hangers listed above are natural. UV Black cable hangers are also available in nearly every size. Insert “0” after the part number.

Blue highlighted items are industry standard and most frequently ordered.

UNIRAP™

STAINLESS STEEL TIES

BURNDY's Stainless Steel ties are designed to secure hoses, cables, poles, pipes, and more when harsh environmental conditions may adversely affect the bundling application. Used where corrosion, vibration, weathering, radiation, and temperature extremes are a concern, BURNDY's Stainless Steel ties can be used in virtually any indoor, outdoor, and underground application.

BURNDY® Stainless Steel ties are made from Grade 304 Stainless Steel. This tie is designed with a low profile clamping bearing head with fully adjustable strap accommodating many bundle diameters.



Features

- Smooth, rounded edges help ensure safe, efficient handling.
- Ergonomically designed installation tool consistently tensions and cuts off ties leaving flush edges.
- Flame retardant and non-toxic for applications where safety from fire is critical.

Standard Package Catalog Number	Material	Maximum Bundle Diameter Inches [mm]	Minimum Tensile Strength Lbs. (N)	Length Inches [mm]	Head Width Inches [mm]	Strap Width Inches [mm]	Installation Tool & (Setting)
CTSS100200C	304 SS	1.96 [50]	150 (670)	7.90 [201]	.26 [4.6]	.18 [4.6]	MK9SST (INT)
CTSS100400C		3.93 [100]		14.30 [363]			
CTSS100600C		5.90 [150]		20.50 [521]			
CTSS100800C		7.87 [200]		26.80 [681]			
CTSS1001000C		9.84 [250]		33.00 [838]			
CTSS250200L	304 SS	1.96 [50]	250 (1112)	7.90 [201]	.39 [9.8]	.31 [7.9]	MK9SST (STD)
CTSS250400L		3.93 [100]		14.30 [363]			
CTSS250600L		5.90 [150]		20.50 [521]			
CTSS250800L		7.87 [200]		26.80 [681]			

Blue highlighted items are industry standard and most frequently ordered.

UNIRAP™

CABLE TIE VARIETY PACK

UL Listed

Catalog Number: **CTASST**



Contents			
Quantity	**Length**	**Color**	**Strength**
100	4″	Natural	18# Strength
100	4″	Black	18# Strength
100	8″	Black	50# Strength
200	8″	Natural	50# Strength
50	11″	Natural	50# Strength
50	11″	Black	50# Strength

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CABLE TIE TOOLS

Ergonomics and the prevention of repetitive motion injuries, coupled with the need to continually improve assembly efficiencies and procedures, are a major concern with most cable tie users. BURNDY® cable tie tools effectively address both issues. BURNDY® has world class cable tie tools to complement its line of high quality cable ties. BURNDY® cable tie tools are truly state-of-the-art in both design and performance.

BURNDY® tools make it easier for operators to install cable ties, while maintaining correct tension and flush cut-off. Worker safety is further enhanced as the tools can eliminate the sharp edges of a cut-off cable tie.



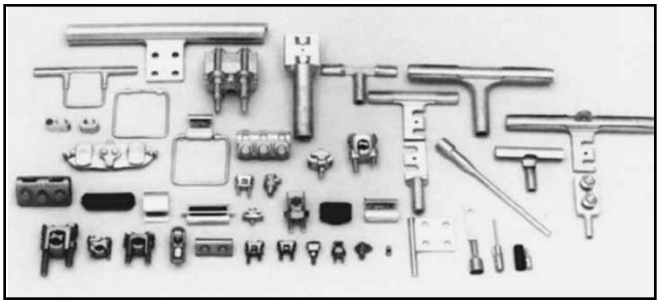


Catalog Number	Description	For Use On
MK7	Adjustable Tensioning Tool for Width .10” to .19”	CT18 - CT50 Series Ties
MK9	Adjustable Tensioning Tool for Width .19” to .35”	CT18 - CT250 Series Ties
TWT1	Non-adjustable Tensioning Tool for Width .10” to .19” Twist & Cut	CT18 - CT50 Series Ties
TWT2	Non-adjustable Tensioning Tool for Width .19” to .35” Twist & Cut	CT120 - CT175 Series Ties

Blue highlighted items are industry standard and most frequently ordered.

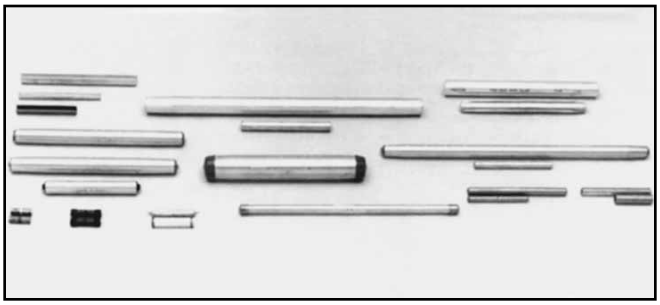
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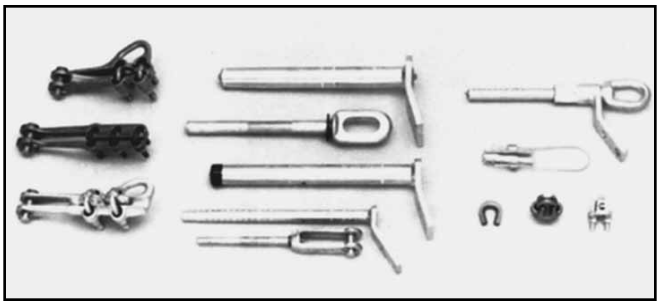
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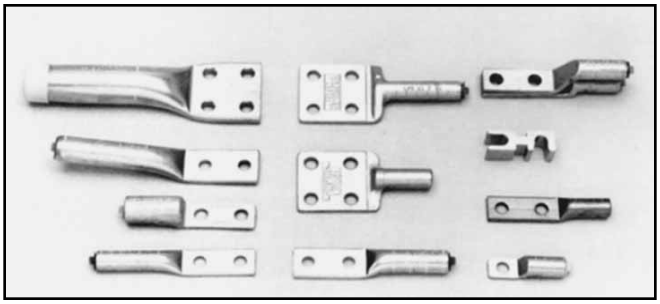
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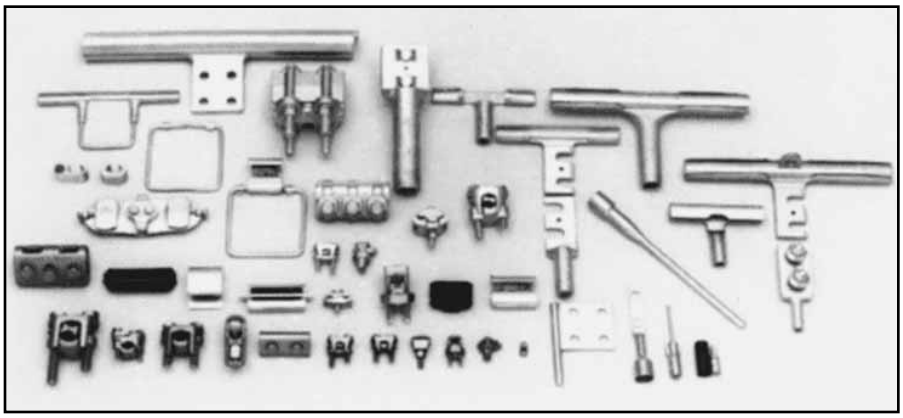


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Blue highlighted items are industry standard and most frequently ordered.

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Blue highlighted items are industry standard and most frequently ordered.

MECHANICAL (BOLTED) TAP CONNECTORS

BURNDY's line of mechanical tap connectors is the most complete, dependable and economical available. These mechanical connectors consist of service, parallel, and midspan types.

Generally the alloys and hardware used depend on whether the connector is for a strain or current carrying application, and is made of aluminum or copper. Particular alloys and hardware are selected for strength, conductivity, durability, ductility and resistance to corrosion.

In a copper connector high strength alloys are used in mechanical clamping components and high conductivity alloy in current carrying elements.

Aluminum clamp type connectors are made of alloy 356, which is impervious to stress corrosion. In its heat-treated state, it has high strength and is used for both current carrying and clamping elements.

Hardware is high strength and corrosion-resistant. In copper connectors, DURIUM™, a silicone bronze alloy, is used. Anodized aluminum alloy 2024-T4 bolts and 6061-T6 nuts are used in aluminum connectors. They provide the best combination of strength, resistance to galling and corrosion, and their thermal coefficient of expansion is most suitable for aluminum. To insure dependable connections, bolts should be tightened to the recommended torque values shown below.

These mechanical tap connectors are mainly used in overhead distribution systems to provide primary service taps and/or secondary service drop connections to the end users.

A few of the key features and benefits of these connectors are:

Features and Benefits

- High strength alloys.
  - ◇ Provides efficient and reliable performance.
- Range taking.
  - ◇ Accommodates a large range of conductors in either groove reducing inventory to a minimum.
- Matched groove designs.
  - ◇ Ensures maximum contact with conductors accomodated.
- Hex bolts, nuts and washers.
  - ◇ Provides high contact pressure and rapid assembly.

Recommended Tightening Torque		Standard Wrench Size	
Bolt Size	Recommended Torque (Inch Lbs.)	Bolt	Nut
DURIUM™ and Galvanized Hardware			
1/4 - 20	80	7/16	7/16
5/16 - 18	180	1/2	1/2
3/8 - 16	240	9/16	9/16
1/2 - 13	480	3/4	3/4
5/8 - 11	660	15/16	15/16
3/4 - 10	1050	1-1/8	1-1/8
Aluminum Hardware*			
1/2 - 13	300	3/4	3/4
5/8 - 11	480	15/16	15/16
3/4 - 10	650	1-1/8	1-1/8

* Aluminum bolts are lubricated.

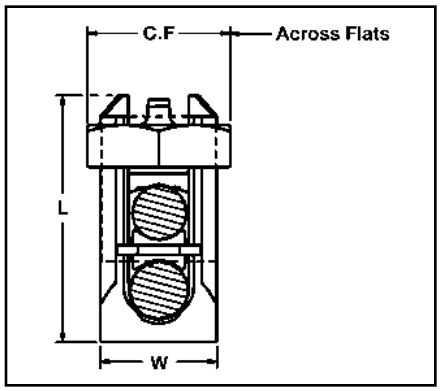
TYPES KS & KS-3

SERVIT®

For Copper, Copperweld

Compact, high strength, high copper alloy SERVIT® split-bolt has free-running threads and easy to grip wrench flats. Highly resistant to season cracking and corrosion, the SERVIT® provides maximum pressure and assures a secure connection on all combinations of run and tap conductors. Type KS-3 accommodates 3 maximum size conductors.





Catalog Number	Cross Flats	L	W	Conductor: Copper: Range for Equal Run and Tap	Conductor: Copper: Min. Tap with Max. Run	Conductor: Copperweld: Maximum Run and Tap: Sol.	Str.	Type A	Type D	▲ Recommended Tightening Torque in-lb
† KS90	.50	.85	.38	12 Str. - 10 Str.	16 Str.	#10	—	—	—	80
† KS15	.50	.85	.38	10 Str. - 8 Str.	14 Str.	#8	—	—	—	
† KS17	.63	1.14	.45	8 Str. - 6 Sol.	14 Str.	#6	3 #12	8A	9-1/2D	165
* KS17-3				8 Str. - 6 Sol.	16 Str.	#6	3 #12	8A	9-1/2D	
† KS20	.69	1.20	.51	8 Str. - 4 Sol.	14 Str.	#4	3 #10	6A	8D	
* KS20-3				8 Str. - 4 Sol.	14 Str.	#4	3 #10	6A	8D	
† KS22	.75	1.50	.60	6 Str. - 2 Sol.	14 Str.	#2	3 #8	4A	6D	275
* KS22-3				6 Str. - 2 Sol.	14 Str.	#2	3 #8	4A	6D	
† KS23	.82	1.54	.62	6 Str. - 2 Str.	14 Str.	#1	3 #7	3A	5D	
† KS25	.94	1.77	.73	4 Str. - 1/0 Str.	14 Str.	2/0	3 #5	2A	4D	385
† KS26	1.05	1.94	.82	2 Str. - 2/0 Str.	14 Str.	3/0	7 #7	—	—	
† KS27	1.36	1.86	1.17	1 Str. - 3/0 Str.	8 Sol.	—	—	—	—	500
† KS29	1.36	2.07	1.17	1 Str. - 250	8 Str.	4/0	7 #5	—	—	650
† KS31	1.70	2.51	1.41	1/0 Str. - 350	1/0 Str.	—	19 #8	—	—	
† KS34	1.82	2.79	1.48	2/0 Str. - 500	2/0 Str.	—	19 #6	—	—	825
KS39	2.31	3.29	1.94	4/0 Str. - 750	4/0 Str.	—	19 #5	—	—	1000
KS44	2.56	3.73	2.19	300 - 1000	4/0 Str.	—	—	—	—	1100

▲ Listed torque values are for maximum conductor combinations accommodated. Consult UL486 Tables 7-4, 7-5, 7-6 for smaller conductor combinations.

See note page A-2

* Not UL Listed or CSA Certified.

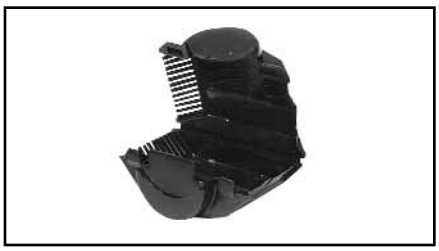
† In addition to UL Listed for wire connectors and CSA Certified, these items are also UL rated for direct burial.

TYPE SC

SERVIT® COVER

HUG-A-BUG

Used indoors or outdoors this compact, one-piece plastic SERVIT® cover, saves time and material, eliminates costly taping of split-bolts. Positive latch snaps easily and quickly over connector, ideal for tight quarters. Self positioning plastic fingers wrap around wires fully insulating joint. UL listed for 600 volt indoor application. Three covers accommodate a range of 6 SERVIT® sizes through 2/0 Str.



Catalog Number	Conductor Range: Range for Equal Run and Tap: Min.	Max.	Min. Tap with Max. Cable Run: Min.	Max.	*For Use with	For Use with
SC4	8 Str.	6 Sol.	14 Str.	6 Sol.	KS17	—
SC4	8 Str.	4 Sol.	14 Str.	4 Sol.	KS20	—
SC2	6 Str.	2 Sol.	14 Str.	2 Sol.	KS22	KSA6
SC2	6 Str.	2 Str.	14 Str.	2 Str.	KS23	KSA4
SC2/0	4 Str.	1/0 Str.	14 Str.	1/0 Str.	KS25	KSA2
SC2/0	2 Str.	2/0 Str.	14 Str.	2/0 Str.	KS26	KSA1/0

* UL listing of Type SC Cover applies to use on BURNDY® SERVIT® Type KS and to equivalent split-bolt connectors indicated strip length is maintained, maximum indicated conductor sizes are not exceeded, and connector is properly located within recess provided for it.

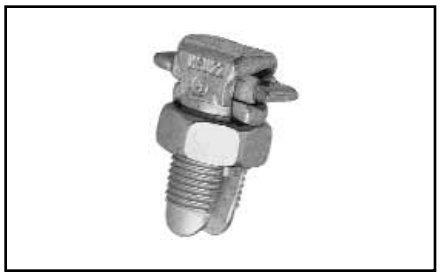
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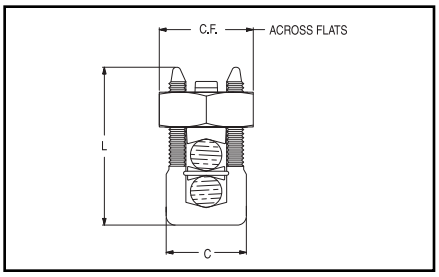
TYPE KSU

UNIVERSAL SERVIT®

For All Combinations of Copper, Aluminum, ACSR, AAAC, 5005, & Steel

Tin-plated, high strength copper alloy SERVIT® with spacer. Spacer separates dissimilar conductors and provides long contact length that prevents high pressure point contacts between run and tap conductors.





Use of PENETROX™ joint compound recommended with aluminum or ACSR.

486A
Copper Only

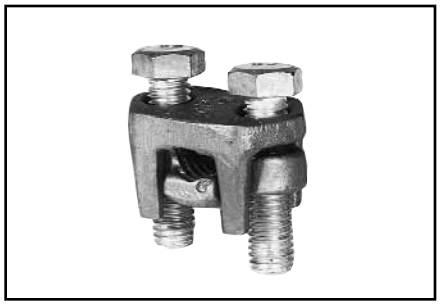
Catalog Number	Cross Flat	L	W	Conductor: Run: Copper & Aluminum	Conductor: Run: ACSR, AAAC, 5005	Conductor: TAP: Copper & Aluminum	Conductor: TAP: ACSR, AAAC, 5005	Maximum Conductor Steel: Sol. 3 Str. Nom. BWG	Maximum Conductor Steel: BWG	Maximum Conductor Steel: Dia.	Recommended Tightening Torque in.-lb.
KSU17	.62	.92	.70	12 Sol. - 6 Sol.	8 (6 - 1)	12 Sol. - 6 Sol.	8 (6 - 1)	8	—	5/32	
KSU20	.69	1.05	.78	10 Sol. - 4 Sol.	6 (6 - 1)	10 Sol. - 4 Sol.	6 (6 - 1)	6	8	7/32	165
KSU22	.74	1.25	.84	10 Sol. - 2 Sol.	6 (6 - 1) - 4 (7 - 1)	10 Sol. - 2 Sol.	6 (6 - 1) - 4 (7 - 1)	4	6	1/4	275
KSU23	.81	1.48	.94	8 Str. - 2 Str.	3 (6 - 1) - 2 (6 - 1)	8 Sol. - 2 Str.	6 (6 - 1) - 2 (6 - 1)	—	4	5/16	275
KSU25	.93	1.77	1.06	2 Str. - 1/0 Str.	3 (6 - 1) - 1 (6 - 1)	10 Str. - 1/0 Str.	6 (6 - 1) - 1 (6 - 1)	—	—	3/8	385
KSU26	1.04	1.93	1.19	1/0 Str. - 2/0 Str.	1 (6 - 1) - 1/0 (6 - 1)	8 Str. - 2/0 Str.	6 (6 - 1) - 1/0 (6 - 1)	—	—	7/16	385
KSU27	1.38	2.34	1.58	1 Str. - 3/0 Str.	1 (6 - 1) - 2/0 (6 - 1)	8 Sol. - 3/0 Str.	8 (6 - 1) - 2/0 (6 - 1)	—	—	1/2	500
KSU29	1.38	2.50	1.58	1 Str. - 250	2/0 (6 - 1) - 4/0 (6 - 1)	8 Str. - 250	6 (6 - 1) - 4/0 (6 - 1)	—	—	1/2	650
KSU31	1.69	2.88	1.91	4/0 Str. - 350	3/0 (6 - 1) - 4/0 (6 - 1)	4 Str. - 350	4 (6 - 1) - 4/0 (6 - 1)	—	—	5/8	650
KSU34	2.00	3.12	2.28	400 - 500	336 (30 - 7) - 477 (18 - 1)	2 Str. - 500	2 (6 - 1) - 477 (18 - 1)	—	—	—	825

TYPE KVS

OKLIP™

Mechanical Connector for Copper and Copperweld

Compact, two-piece, high strength; high copper alloy BURNDY® OKLIP™ recommended for heavy duty connections. Neoprene rings hold bolts in place during installation. Installed with ordinary wrench.



Catalog Number	Conductor: Copper: Run	Conductor: Copper: Tap	Conductor: Copperweld: Max. Run and Tap: Sol.	Conductor: Copperweld: Max. Run and Tap: Str.	Conductor: Copperweld: Max. Run and Tap: Type V
KVS26	1 Str. - 2/0 Str.	6 Str. - 2/0 Str.	3/0	7 #8	—
KVS28	1/0 Str. - 4/0 Str.	10 Str. - 4/0 Str.	4/0	7 #6	V3/0
KVS31	250 - 350	10 Str. - 350	—	19 #8	V250
KVS34	400 - 500	10 Str. - 500	—	19 #6	V350
KVS40	400 - 800	3/0 Str. - 800	—	19 #5	—
KVS44	500 - 1000	3/0 Str. - 1000	—	—	—

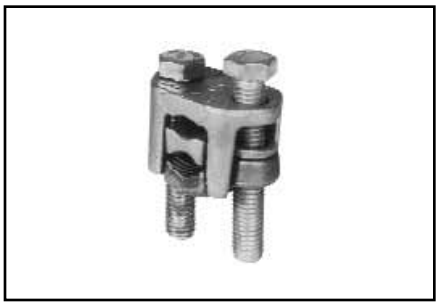
Blue highlighted items are industry standard and most frequently ordered.

TYPE KVSW

OKLIP™

Mechanical Connector for Copper and Copperweld

Similar to OKLIP™ Type KVS except for high copper alloy spacer that separates run and tap conductor. Provides high contact pressure, confines conductor strands, and assures vibration proof connection. Longer peened bolt, permits swivel action for easier installation.



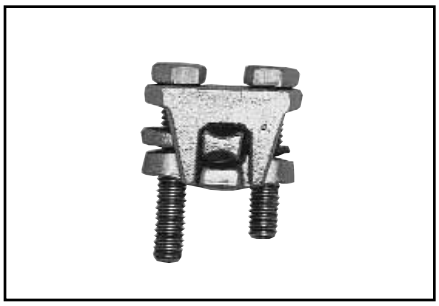
Catalog Number	Conductor	
	Run	Tap
KVSW26	2 Str. - 2/0 Str.	6 Sol. - 2/0 Str.
KVSW28	1/0 Str. - 4/0 Str.	6 Sol. - 4/0 Str.
KVSW31	250 - 350	4 Sol. - 350
KVSW34	400 - 500	4 Str. - 500
KVSW40	400 - 800	4/0 - 800
KVSW44	500 - 1000	250 - 1000

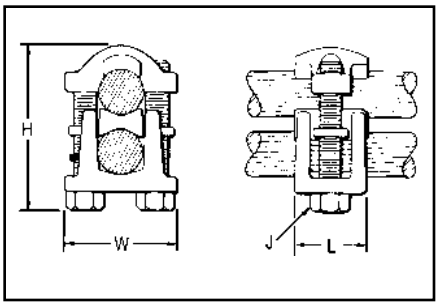
Blue highlighted items are industry standard and most frequently ordered.

TYPES KVSU, KVS

UNIVERSAL OKLIP™

Mechanical Connector for All Combinations of Copper, Aluminum†, ACSR†, AAAC and 5005





Compact, tin-plated, high strength, high copper allow two-piece connector with spacer and tin-plated silicone bronze DURIUM™ hardware. Recommended for heavy duty connections. Spacer separates dissimilar conductors and provides long contact length. Neoprene ring prevents loss of shorter bolt during installation. Longer peened bolt, permits swivel action for easier installation.

Use of PENETROX™ joint compound recommended with aluminum and ACSR.

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Catalog Number	Conductor			
	Run		Tap	
	Copper & Aluminum†	ACSR†, AAAC, & 5005	Copper & Aluminum†	ACSR†, AAAC, & 5005
KVSU26	2 Str. - 2/0 Str.	3 - 2/0	6 Str. - 2/0 Str.	6 - 2/0
KVSU28	1/0 Str. - 4/0 Str.	1/0 - 4/0	6 Str. - 4/0 Str.	6 - 4/0
KVSU31	250 - 350	4/0 - 300	5 - 350	6 - 300
KVSU34	400 - 500	336.4 - 397.5	4 -500	5 - 397.5
KVSU40	400 - 800	336.4 - 715.5	4/0 - 800	3/0 - 715.5
KVSU44	500 - 1000	397.5 - 900	4/0 - 1000	4/0 - 900

† Accommodates compressed conductors within diameter range.

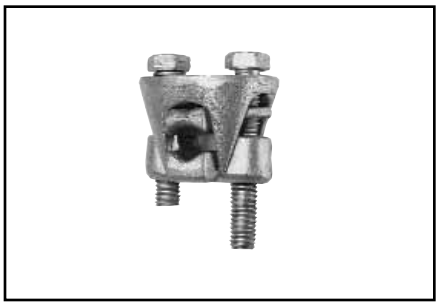
Catalog Number	Conductor				
	Copper		Copperweld		
			Max. Run and Tap		
	Run	Tap	Sol.	Str.	Type V
KVS26	1 Str. - 2/0 Str.	6 Str. - 2/0 Str.	3/0	7 #8	—
KVS28	1/0 Str. - 4/0 Str.	10 Str. - 4/0 Str.	4/0	7 #6	V3/0
KVS31	250 - 350	10 Str. - 350	—	19 #8	V250
KVS34	400 - 500	10 Str. - 500	—	19 #6	V350
KVS40	400 - 800	3/0 Str. - 800	—	19 #5	—
KVS44	500 - 1000	3/0 Str. - 1000	—	—	—

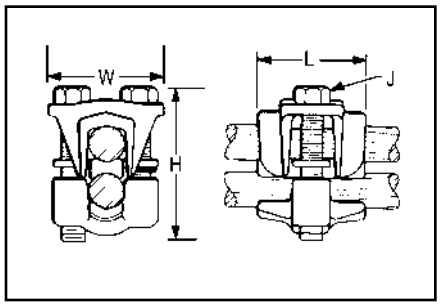
Blue highlighted items are industry standard and most frequently ordered.

TYPE KVS-A

ALUMINUM OKLIP™

Mechanical Connector for All Combinations of Copper, Aluminum†, ACSR†, AAAC & 5005





Three-piece, high-conductivity, non-copper bearing aluminum alloy connector with thick spacer and aluminum hardware. Hardware in KVS26A and KVS28A is stainless steel. Recommended for heavy duty dissimilar metal applications. Spacer separates conductors and provides long contact length.

Belted entrances prevent chafing and permit easier assembly of conductors. Longer, peened bolt, permits swivel action for easier installation. Neoprene ring prevents loss of shorter bolt. PENETROX™ joint compound recommended with aluminum and ACSR.

Catalog Number	Conductor			
	Run		Tap	
	Copper & Aluminum†	ACSR†, AAAC, & 5005	Copper & Aluminum†	ACSR†, AAAC, 5005
KVS26A	2 Str. - 2/0 Str.	4 - 2/0	10 Str. - 2/0 Str.	6 - 2/0
KVS28A	1/0 Str. - 4/0 Str.	1/0 - 4/0	10 Str. - 4/0 Str.	6 - 4/0
KVS31A	250 - 350	4/0 - 336.4	6 Str. - 350	6 - 336.4
KVS34A	400 - 500	336.4 - 397.5	4 Str. - 500	5 - 397.5
KVS40A	400 - 800	336.4 - 715.5	3/0 Str. - 800	3/0 - 715.5
KVS44A	500 - 1000	397.5 - 900	3/0 Str. - 1000	3/0 - 900

† Accommodates compressed conductors within diameter range.

THESE CONNECTORS CAN ACCOMMODATE ACSR CONDUCTORS OVER ARMOR ROD WITHIN THE DIAMETER RANGE INDICATED.

Application Over Armor Rod

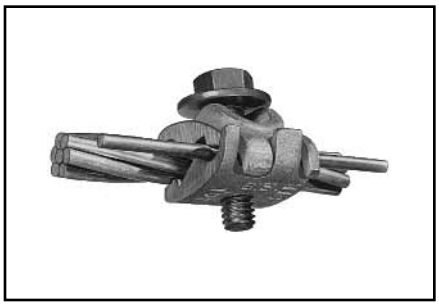
Catalog Number	Conductor Range by Diameter			H	J	L	W
	Min. Run Dia.	Min. Tap Dia.	Max. Run & Tap Dia.				
KVS26A	.281	.116	.447	2	5/16	1-3/8	1-5/8
KVS28A	.360	.116	.564	2-3/8	3/8	1-5/8	2
KVS31A	.565	.184	.681	3	1/2	2	2-5/8
KVS34A	.728	.216	.814	3-3/8	1/2	2-1/2	2-5/8
KVS40A	.728	.470	1.036	4	1/2	3-1/8	3
KVS44A	.806	.470	1.162	4-1/2	5/8	3-1/2	3-3/8

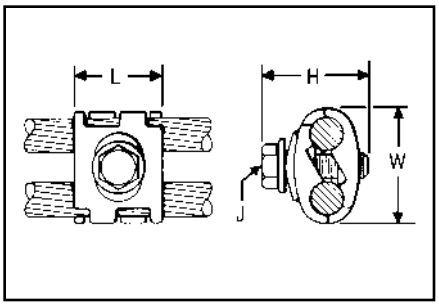
Blue highlighted items are industry standard and most frequently ordered.

TYPE UC-L

UNIVERSAL PARALLEL CLAMP

For All Combinations of Copper, Aluminum†, ACSR†, 6201, 5005, Steel and Copperweld





Interlocking finger design accommodates large range of conductor sizes. Tin-plated, cast of high copper alloy and clamped with plated steel bolt, PENETROX™ joint compound recommended with aluminum and ACSR.

Catalog Number	Copper & Alum. (Either Groove)	ACSR†, 6201, 5005	Copperweld	Steel		Installation Tooling		Dimensions			
				Nom. Dia.	AWG	Copper Conductor Size (AWG)	Tightening Torque (in.-lbs.)	L	H	J	W
UC8W26-L	8 Sol. - 2/0 Str.	6 - 1/0	8 Sol. - 7 #7	5/32 - 7/16	8 Sol. - 4-3 Str.	#8	75	1	1-1/2	5/16	1-7/16
***UC2W28-L**	2 Sol. - 4/0 Str.	3 - 4/0	3 #8 - 7 #6	9/32 - 9/16	4-3 Str. - 4-3 Str.	#6 - #4	110	1-1/8	1-1/2	3/8	1-3/4

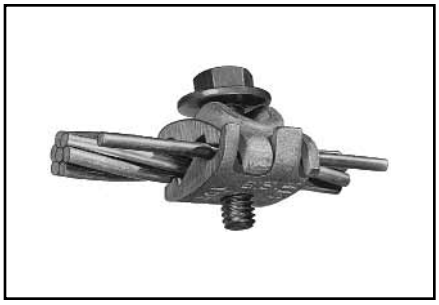
† Accommodates compressed conductors within diameter range.

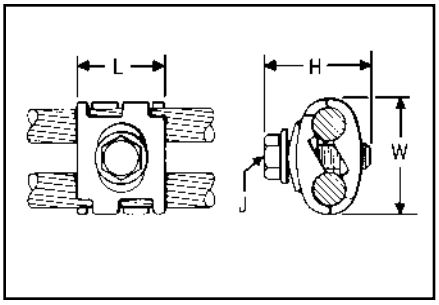
H-9

TYPE UC-K

UNIVERSAL PARALLEL CLAMP

For All Combinations of Copper, Aluminum†, ACSR, Steel and Copperweld





Interlocking finger design accommodates large range of conductor sizes. Tin-plated, cast of high copper alloy and clamped with silicon bronze DURIUM™ bolt, PENETROX™ joint compound recommended with ACSR. Applications include grounding for the Cable TV industry.

Catalog Number	For Use with:	Conductor Range				Installation Torques		Dimensions			
		Groove A		Groove B							
		Maximum Size	Minimum Size	Maximum Size	Minimum Size	Conductor Size	Torque (in.-lbs.)	L	H	J	W
UCK-1UL†	Aluminum or Galvanized Steel Strand to Copper or Copper Bonded Steel Wire	1/0 ACSR or 7/16 Galvanized Steel Strand	#6 ACSR	2/0 Str. Copper 7/16 Copperweld, 2A Copperweld	#8 Sol. Copper 9-1/2D Copperweld	#8	75	1	1-7/16	5/16	1-7/16
UCK-2UL	Aluminum or Galvanized Steel Strand to Aluminum or Galvanized Steel Strand	1/0 ACSR or 7/16 Galvanized Steel Strand	#6 ACSR	1/0 ACSR or 7/16 Galvanized Steel Strand	#6 ACSR	#6 - #4	110				
UCK-3UL*	Copper to Copper	2/0 Str. Copper 7/16 Copperweld, 2A Copperweld	#8 Sol. Copper 9-1/2D Copperweld	2/0 Str. Copper 7/16 Copperweld 2A Copperweld	#8 Sol. Copper 9-1/2D Copperweld	1/0 - 2/0	150				

† Accommodates compressed conductors within diameter range.

Blue highlighted items are industry standard and most frequently ordered.

TYPES CP-A

PARALLEL CLAMP

For All Combinations of Copper, Aluminum†, ACSR†, 6201 & 5005

Type CP-A is recommended for tap or parallel connections. High strength, high conductivity aluminum body and hardware provide corrosion resistant assembly. Long contact surface insures excellent contact and full conductivity. PENETROX™ joint compound recommended for all combinations.



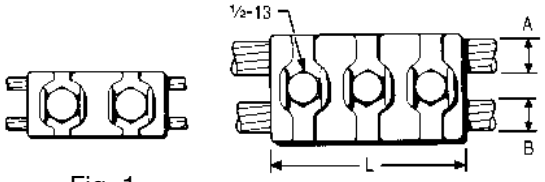


Fig. 1

Fig. 2

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Catalog Number	Groove A		Groove B		Fig. No.	Dimensions		
	ACSR, 6201, 5005	Copper & Aluminum	ACSR, 6201, 5005	Copper & Aluminum		L	H	W
CP26A26A	1/0	3/0 Sol. - 2/0 Str.	1/0	3/0 Sol. - 2/0 Str.	1	4″	2-7/8″	2-1/8″
CP27A27A	2/0 101.8 (12-7) 110.8 (12-7)	4/0 Sol. - 3/0 Str.	2/0 101.8 (12-7) 110.8 (12-7)	4/0 Sol. - 3/0 Str.				
CP28A28A	3/0 134.6 (12-7)	4/0 Str.	3/0 134.6 (12-7)	4/0 Str.				
CP29A29A	4/0 159 (12-7) 203 (8-7)	250 266.8	4/0 159 (12-7) 203 (8-7)	250 266.8				
CP30A30A	176.9 (12-7) 190.8 (12-7) 266.8 (18-1, 6-7, 26-7)	300	176.9 (12-7) 190.8 (12-7) 266.8 (18-1, 6-7, 26-7)	300	2	4-1/2″		2-3/8″
CP31A31A	211.3 (12-7) 300 (26-7, 30-7) 336.4 (18-1)	336.4 350	211.3 (12-7) 300 (26-7, 30-7) 336.4 (18-1)	336.4 350				
CP32A32A	203.2 (16-19) 336.4 (26-7, 30-7) 397.5 (18-1)	397.5 400	203.2 (16-19) 336.4 (26-7, 30-7) 397.5 (18-1)	397.5 400		5″	3″	2-1/2″
CP34A34A	397.5 (26-7, 30-7) 477 (18-1)	450 477 500	397.5 (26-7, 30-7) 477 (18-1)	450 477 500				
CP37A37A	500 (30-7) 556.5 (24-7, 26-7, 30-7) 636 (36-1) 605 (24-7)	636	500 (30-7) 556.5 (24-7, 26-7, 30-7) 636 (36-1) 605 (24-7)	636		5-1/4″	3-3/8″	3″

† Accommodates compact and compressed conductors within diameter range.
For other sizes contact factory.

Blue highlighted items are industry standard and most frequently ordered.

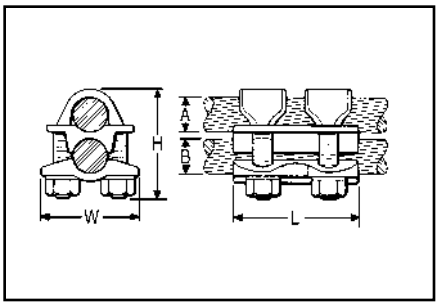
TYPE VP

PARALLEL CLAMP

For Copper

Multiple V-bolt connector especially suited for flexible or extra flexible conductors. Made of high strength, high conductivity copper. Clamping elements accommodate a range of conductor sizes in either groove. V-bolts provide high pressure and compress the conductor over long contact area. Also recommended for jumper connections.





Catalog Number	Groove A	Groove B	Dimensions		
			H	L	W
VP2828	1/0 Str. - 4/0 Str.	1/0 Str. - 4/0 Str.	2-1/8″	2-3/4″	1-3/4″
VP3030	1/0 Str. - 300	1/0 Str. - 300	2-1/2″	3-1/8″	2″
VP3430	300 - 500		3-1/8″	3-1/4″	2-1/2″
VP3434		300 - 500			
VP4030	500 - 800	1/0 Str. - 300	4-3/8″	3-1/2″	2-7/8″
VP4040		500 - 800		3-3/4″	
VP4440	750 - 1000		5″	3-7/8″	3-1/4″
VP4646	1000 - 1500	1000 - 1500	5-3/8″	4-1/2″	3-1/2″

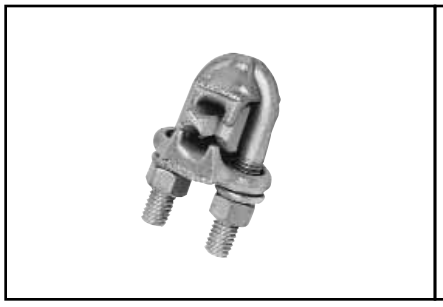
H-11

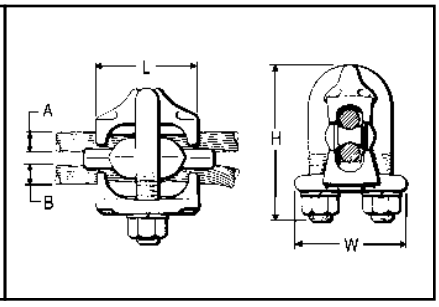
TYPE UW-R

CLIPIT™

Deadend Clamp for Aluminum†, ACSR†, 6201 and 5005

High strength aluminum casting with galvanized steel U-bolt, extra long aluminum spacer, and caps that confine strands. Holding strength of installations using two CLIPIT™ deadends exceeds rated breaking strength of conductor. Use of PENETROX™ joint compound is recommended.





RUS Accepted

Catalog Number	Run A		Tap B		Dimensions		
	ACSR, 6201, 5005	Aluminum	ACSR, 6201, 5005	Aluminum	L	H	W
UW2R	6 - 2	6 Str. - 2 Str.	6 - 2	6 Str. - 2 Str.	1-1/2″	2-5/8″	1-7/8″
UW25R	6 - 1/0	6 Str. - 2/0 Str.	6 - 1/0	6 Str. - 2/0 Str.	1-7/8″	2-7/8″	2″

† Accommodates compressed conductors within diameter range.

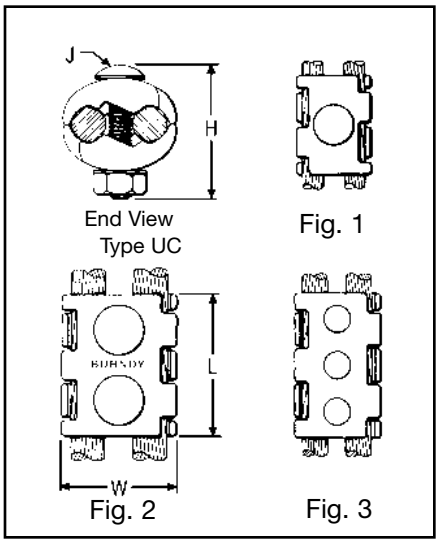
TYPE UC

PARALLEL CLAMP

For Range of Copper

Type UC connector accommodates large range of conductors in either groove, reducing inventory to a minimum. Interlocking finger design provides firm grip with maximum contact length. High strength, corrosion resistant silicone bronze hardware. One wrench installation.





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Catalog Number	Conductor (Either Groove)	Fig. No.	Dimensions			
			L	H	J	W
UC6W25	6 Sol. - 1/0 Str.	1	1-3/4″	1-5/8″	3/8″	1-3/8″
UC4W28	4 Sol. - 4/0 Str.	2	2-1/8″	2″	3/8″	1-3/4″
UC2W30	2 Sol. - 300	2	2-3/8″	2-1/8″	3/8″	2″
UC2834	4/0 Str. - 500	3	4-1/4″	2-7/8″	1/2″	2-1/2″
UC3040	300 - 800	3	4-1/4″	3-3/8″	1/2″	3″
UC3444	500 - 1000	3	4-1/4″	3-5/8″	1/2″	3-1/2″

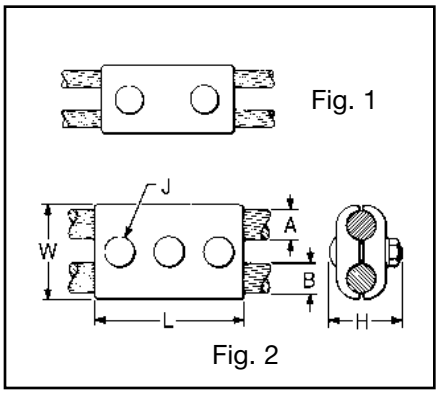
TYPE CP

PARALLEL CLAMP

For Copper

High strength, high copper alloy Type CP is recommended for heavy duty parallel connections. Silicone bronze DURIUM™ hardware and cast copper body provides corrosion resistant assembly. Long contact surface provides excellent contact and assures full conductivity.





Catalog Number	Groove		Fig. No.	Dimensions		
	A	B		L	J	W
CP2C2C	2 Str.	2 Str.	1	2-1/2″	3/8″	1-1/4″
CP2525	1/0 Str.	1/0 Str.	1	3″	3/8″	1-5/8″
CP2626	2/0 Str.	2/0 Str.	1	3″	3/8″	1-5/8″
CP2828	4/0 Str.	4/0 Str.	2	4″	3/8″	2″
CP2929	250	250	2	4″	3/8″	2″
CP3434	500	500	2	5″	1/2″	2-1/2″

For other sizes contact factory.

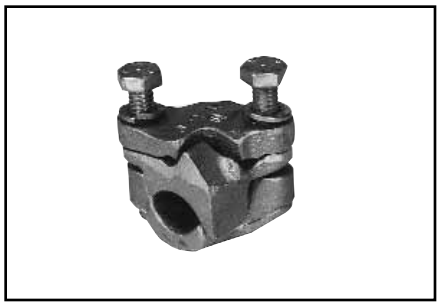
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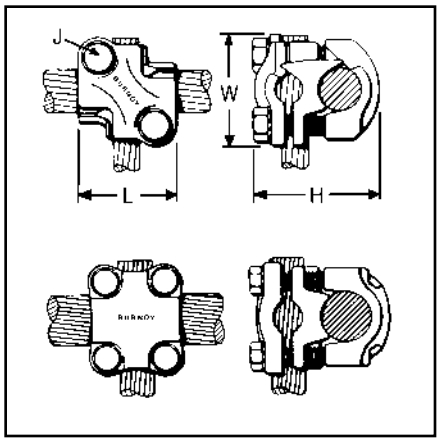
TYPE QPX

VERSITAP™ PARALLEL CLAMP

For Copper, Copperweld and Copperweld-Copper

The VERSITAP™ Type QPX is recommended for Tee, Cross, Parallel, Butt and Tap connections. Range-taking, only 10 connectors required to accommodate conductor sizes from #6 Str. to 1000 kcmil. Edges are rounded for easy taping. Made of high strength, high conductivity copper alloy and silicone bronze DURIUM™ hardware.







PARALLEL TAP TEE CROSS BUTT

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Catalog Number	Run			Tap			Dimensions			
	Copper	Copperweld	Copperweld -Copper	Copper	Copperweld	Copperweld -Copper	L	H	J	W
QPX2C2C	6 Str. - 2 Str.	5 Sol. - 3 #7	8A - 4A	6 Str. - 2 Str.	5 Sol. - 3 #7	8A - 4A	1-3/8	1-5/8	5/16	1-3/8
QPX282C	1 Str. - 4/0 Str.	7 #9 - 7 #5	3A - 3/0V					2		1-5/8
QPX2828				1 Str. - 4/0 Str.	7 #9 - 7 #5	3A - 3/0V	1-7/8	2-1/8	3/8	1-7/8
QPX342C	250 - 500	19 #19 - 19 #6	4/0 EK	6 Str. - 2 Str.	5 Sol. - 3 #7	8A - 4A	1-3/8		5/16	
QPX3428				1 Str. - 4/0 Str.	7 #9 - 7 #5	3A - 3/0V	1-3/4	2-1/2	3/8	2
QPX3434				250 - 500	19 #9 - 19 #6	4/0 EK	2	2-3/4		2-1/8
QPX442C	500 - 1000	19 #6	—	6 Str. - 2 Str.	5 Sol. - 3 #7	8A - 4A	1-3/8	2-5/8	5/16	2-1/4
QPX4428				1 Str. - 4/0 Str.	7 #9 - 7 #5	3A - 3/0V	1-7/8	2-7/8	3/8	2-3/8
QPX4434				250 - 500	19 #19 - 19 #6	4/0 EK	2	3		
QPX4444				500 - 1000	19 #6	—	2-5/8	3-3/8		2-5/8

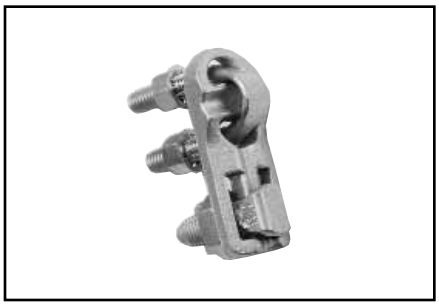
Blue highlighted items are industry standard and most frequently ordered.

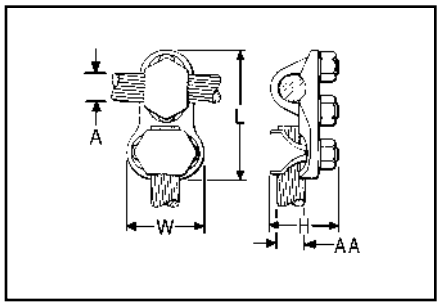
TYPE VT

T-CONNECTOR

For Copper Cable to Cable

High copper alloy T-connector for cable run, cable tap. DURIUM™ V-bolt clamping elements accommodate large range of cable and are particularly suited for extra flexible cable. (One-wrench installation).





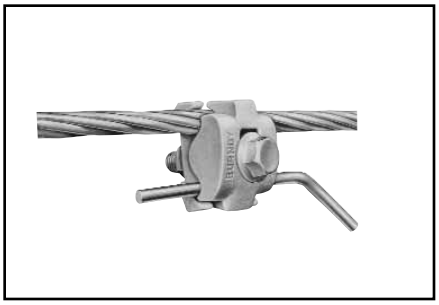
Catalog Number	Conductor		H	L	W
	Run (A)	Tap (AA)			
VT2C2C	8 Sol. - 2 Str.	8 Sol. - 2 Str.	1-3/8″	2-3/8″	1″
VT2525	6 Sol. - 1/0 Str.	6 Sol. - 1/0 Str.	1-5/8″	2-5/8″	1-1/4″
VT2825	1/0 Str. - 4/0 Str.			3-1/8″	
VT2828		1/0 Str. - 4/0 Str.			1-3/4″
VT3025	1/0 Str. - 300	6 Sol. - 1/0 Str.	1-7/8″	3-3/8″	1-1/8″
VT3030		1/0 Str. - 300			2″
VT3425	300 - 500	6 Sol. - 1/0 Str.	2-3/8″	3-1/4″	1-1/4″
VT3428		1/0 Str. - 4/0 Str.		3-1/2″	1-3/4″
VT3430		1/0 Str. - 300		3-5/8″	2″
VT3434		300 - 500		3-3/4″	2-1/4″
VT4040	500 - 800	500 - 800	2-5/8″	4-3/4″	2-5/8″
VT4425	750 - 1000	6 Sol. - 1/0 Str.	2-7/8″	4-3/8″	1-1/4″
VT4428		1/0 Str. - 4/0 Str.		4-1/8″	1-3/4″
VT4834	1500 - 2000	300 - 500	4-1/4″	5-1/4″	2-1/4″

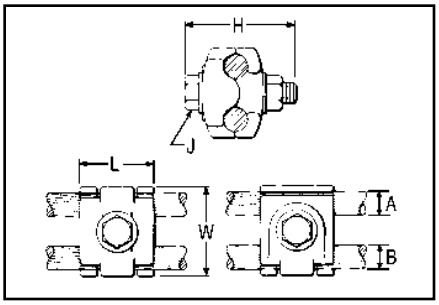
Blue highlighted items are industry standard and most frequently ordered.

TYPES UCG-R & UCG-RS

TAPIT™ PARALLEL CLAMP

For All Combinations of Copper, Aluminum†, ACSR†, 6201 & 5005





Multiple purpose parallel groove clamp made of high strength, high conductivity, non-copper bearing aluminum alloy. Properly proportioned to minimize stress corrosion and deterioration by galvanic action.

Interlocking fingers on connector body halves prevent mismatching. Square shank, hex head, round collar, high strength galvanized steel bolt allows one or two-wrench installation.

Also supplied pre-filled with PENETROX™ joint compound and Stripsealed.

RUS Accepted

H-15

Catalog Number		Groove A		Groove B		Dimensions			
With Stripseal	Without Stripseal	Copper & Aluminum†	ACSR†, 6201, & 5005	Copper & Aluminum†	ACSR†, 6201, 5005	L	H	J	W
UCG25R2RS**	UCG25R2R**	6 Sol. - 1/0 Str.	8 - 1/0	6 Sol. - 2 Str.	8 - 2	1-1/8″	1-7/8″	5/16″	1-3/8″
UCG25RS	UCG25R	8 Str. - 1/0 Str.	6 - 1/0	8 Str. - 1/0 Str.*	6 - 1/0	1-3/8″	2-1/8″	3/8″	1-5/8″
UCG28RS	UCG28R	1/0 Str. - 4/0 Str.	1/0 - 4/0	1/0 Str. - 4/0 Str.	6 - 4/0	1.38″	2.21″	3/8-16″	1.87″
UCG32RS	UCG32R	1/0 Str. - 397.5	1/0 - 336.4	8 Str. - 2/0 Str.	6 - 1/0	1-1/2″	2-5/8″	3/8″	2-1/8″

* Maximum recommended combinations: 1/0 Aluminum or ACSR Run - #2 Str. Copper Tap; 1/0 Copper Run - 1/0 Aluminum or ACSR Tap.

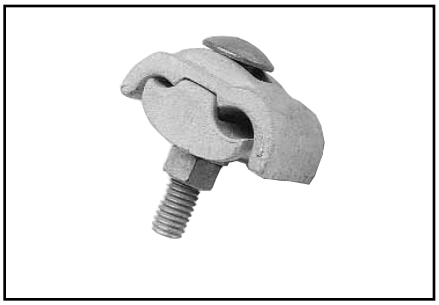
† Accommodates compact and compressed conductors within diameter range.

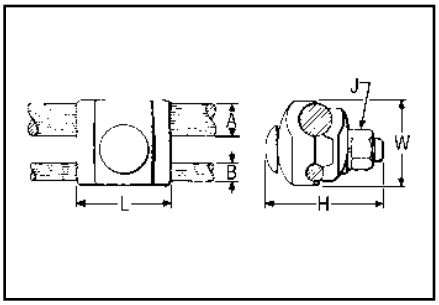
** Supplied with galvanized steel, square shank bolt.

TYPES UC-R & UC-RS

TAPIT™ PARALLEL CLAMP

For All Combinations of Copper, Aluminum†, ACSR†, 6201 & 5005





High strength, high conductivity, non-copper bearing aluminum alloy, properly proportioned to minimize stress corrosion and deterioration by galvanic action.

Keying tabs on connector body halves prevent mismatching. Square shank, high strength galvanized steel bolt allows one wrench installation.

Also supplied pre-filled with PENETROX™ joint compound and Stripsealed.

RUS Accepted

Catalog Number		Groove A		Groove B		Dimensions			
With Stripseal	Without Stripseal	Copper & Aluminum†	ACSR†, 6201, & 5005	Copper & Aluminum†	ACSR†, 6201, 5005	L	H	J	W
UC25R2RS	UC25R2R	8 Sol. - 1/0 Str.	6 - 1/0	8 Sol. - 2 Str.	6 - 2	1-1/8″	1-5/8″	5/16″	1-3/8″
UC28RS	UC28R	1/0 Str. - 4/0 Str.	1/0 - 4/0	8 Sol. - 1/0 Str.*	6 - 1/0	1-3/8″	2-3/8″	3/8″	1-7/8″
UC32RS	UC32R	1/0 Str. - 397.5	1/0 - 336.4 (26-7)	6 Sol. - 2/0 Str.	6 - 1/0	1-1/2″	2-3/8″	3/8″	2-1/4″
—	UC33R	4/0 Str. - 400	3/0 - 336.4 (30-7)	6 Sol. - 2/0 Str.	6 - 2/0	1-3/4″	2-3/4″	1/2″	2-1/4″

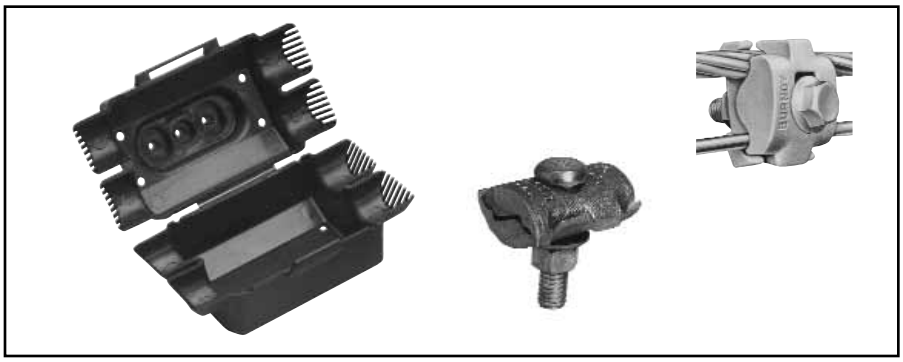
* Maximum recommended combinations: 4/0 aluminum or ACSR RUN - #2 Str. copper TAP.

† Accommodates compact and compressed conductors within diameter range.

Blue highlighted items are industry standard and most frequently ordered.

TYPE UC KIT

UC connector accommodates a large range of copper conductors in either groove. Kits include connector and cover



Catalog Number	Conductor (Either Groove)	Fig. No.	Dimensions			
			L	H	J	W
UC6W25CONKIT	6 Sol - 1/0 Str.	1	1-3/4″	1 5/8″	3/8″	1-3/8″
UC4W28CONKIT	4 Sol - 4/0 Str.	2	2-1/8″	2″	3/8″	1-3/4″

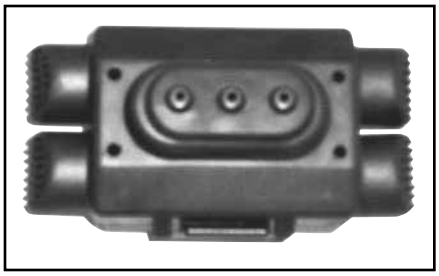
Note: For connectors with break-away bolt contact factory.

UCCOVER1BOX25

TAPIT™ COVER

For Selected UC and UCG Tap Connectors

High density Polyethlyene cover accommodates several sizes of UC and UCG connectors. One piece design. Simply slip over the connector and snap shut. Supplied in black.



UCCOVER1 for use with:

UCG25R2RS	UCG25R2R
UCG25RS	UCG25R
UCG28RS	UCG28R
UC25R2RS	UC25R2R
UC28RS	UC28R
UC6W25	UC4W25

TYPE LSC

CATCHER

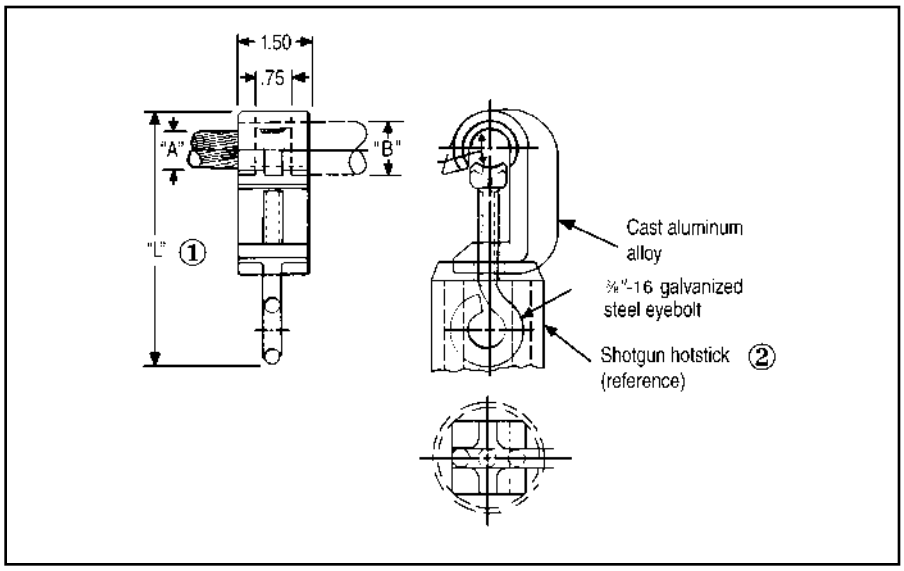
For Aluminum and ACSR Primary Covered Conductor (Tree Wire)

Cast aluminum lightning shield clamp with a galvanized steel eye bolt for use on covered aluminum and ACSR primary overhead distribution conductors (“Tree Wire”).

They are designed to protect the “Tree Wire” from burn-down causing service interruption during high lightning activity. For further application details contact the factory.

Conductor groove is pre-filled with PENETROX™ A13, which is compatible with cable insulation and individually bagged.





Catalog Number	Cable	Accommodates Cable Dia. “A”	Insul. Dia. “B” (Max.)	“L”
LSC1/0	1/0 Str. AAC - 1/0 ACSR	.368 - .398	.65″	4.5″
LSC1/0-1	1/0 Str. AAC - 1/0 ACSR	.368 - .398	.83″	4.5″
LSC556	4/0 Str. - 556.5 AAC	.528 - .858	1.16″	5.9″
LSC556-1	4/0 Str. - 556.5 AAC	.528 - .858	1.34″	5.9″

① Approx. assembly length over eyebolt with cable clamped. Also approx. eyebolt position when shipped.

② Assembly can be installed using a shotgun hotstick as shown. Assembly instructions are supplied with each connector.

COMPRESSION TAP CONNECTORS

BURNDY® compression tap connectors are wide range-taking; accommodate copper, aluminum, and ACSR; are easy to install; and are dependable and economical. They are designed to be installed with BURNDY® "matched" hand, hydraulic, and power-driven hydraulic tooling. The connector line consists of C-shaped, Figure 3, Figure 6-shaped and HYCRIMP™ tap connectors, disconnectable T-taps, terminals and stirrups.

The copper CRIMPIT™ is a range-taking, reversible, C-shaped compression tap connector for combinations of copper conductors. Twelve connectors take tap combinations from #10 AWG through 4/0, and all sizes are installed with dies that also install aluminum connectors. Sizes accommodating conductors up to No. 2 may be installed with the MD6 and OUR840; all sizes may be installed with the Y35 or Y750. They make "hot" installation easy by permitting the lineman to grip the CRIMPIT™ in the compression tool and then place it on the line. The tap is then inserted and the CRIMPIT™ is compressed. Massive C-shape forces tap and line conductors together to form dependable, low-cost, low-resistance connections.

The CABELOK CRIMPIT™ is a range-taking, universal and reversible, Figure 3-shaped aluminum compression tap connector with an adjustable spacer which separates the conductors. It accommodates combinations of copper, aluminum, and ACSR conductors from No. 6 up to 4/0, and is installed with the common O and D3 dies. The broad range capacity of each CABELOK CRIMPIT™ reduces the number of connectors required and simplifies connector selection.

The spacer holds the run or tap in place permitting the lineman either to approach the line with the connector held in the tool and with the tap in the connector, or to assemble the connector and tap on the line and then bring up the tool to crimp.

Each CABELOK CRIMPIT™ is pre-filled with PENETROX™ joint compound and individually bagged. These packages are clearly marked with the entire conductor range of the connector as well as pertinent tooling information. The open side of the CABELOK CRIMPIT™ makes "hot" installations easy by allowing the connector to be carried to the energized line in the crimping tool (MD6, Y35 or Y750 hot-line types).

The Figure 6-shaped aluminum compression tap connector is one of the widest range-taking compression tap connectors available. It accommodates copper, aluminum, or ACSR conductors in very broad ranges. Only four connectors are required to accommodate a range from No. 6 to 600 kcmil. This broad range is made possible by the long ram stroke of the Y35 and Y750.

HYCRIMP™ compression tap connectors accommodate ACSR, stranded copper or aluminum, solid copper or aluminum, and compact conductors. Seventeen sizes are available to accommodate all conductors from #6 solid to 954 MCM compact. All HYCRIMP™ connectors can be installed with industry standard O, D, N and R dies. Each connector is factory filled with BURNDY® PENETROX™ and individually boxed for ease of handling, identification, and installation.

BURNDY's disconnectable T-taps and jumper loop splices offer an economical approach to sectionalizing or isolating equipment on energized lines. They combine the best features of compression and mechanical connectors. The pads can be easily assembled or separated from each other with hot-line tools.

The STIRRUP™ combines a compression C-shaped Figure 6-shaped or H-shaped element for the run conductor, and a factory installed bail which accommodates a hot-line clamp. The line element can be gripped in the tool and carried to the line and then crimped.

Note: Aluminum bodied compression tap connectors are not recommended for making copper to copper connections. Two connectors are recommended when feeding a line in both directions.

YC-C

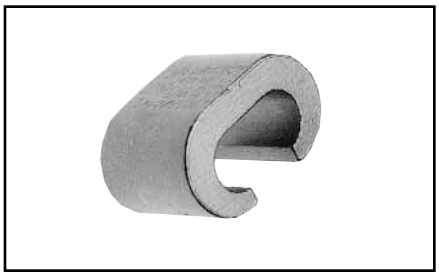
COPPER CRIMPIT™

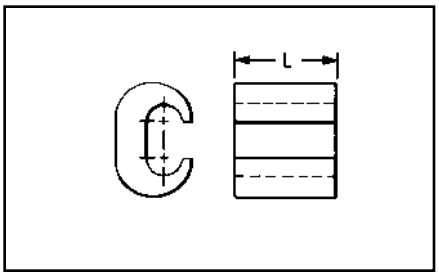
Line Tap for Range of Copper

Range-taking compression tap connector made of pure copper. Designed to be gripped in the jaws or dies of installation tool, then slipped directly over line for easy installation. Also used for deadending.

Copperweld-Copper Conductors
8A - Use CRIMPITS™ accommodating 6 str. Copper
6A - Use CRIMPITS™ accommodating 4 Str. Copper
4A - Use CRIMPITS™ accommodating 2 Str. Copper
2A - Use CRIMPITS™ accommodating 1/0 & 2/0 Copper

RUS Accepted





Catalog Number	Run	Tap	L	Die Index	Tools, Die Set Catalog Number, & (Number of Crimps)			CRIMPIT™ for 1 Str. Copper	
					MD7, MD6	OUR840	Y35, Y750, Y45†, Y46‡	Run	Tap
YC10C10*	12 Sol. - 10 Str.	12 Sol. - 10 Str.	3/8	238	W238 (1)	W238 (1)	U238 (1)	—	—
YC8C8	8 Sol. - 8 Str.	10 Sol. - 8 Str.	1/2	162 or K	W 162 (2)	W162 (2)	U162** (1)		
YC4C8	6 Sol. - 4 Str.	8 Sol. - 8 Str.	5/8	BG or 5/8	BG (2) W-BG** (1)	XBG (2)	U-BG (1)		
YC4C6		6 Sol. - 6 Str.							
YC4C4		4 Sol. - 4 Str.							
YC2C4	2 Sol. - 2 Str.	8 Sol. - 4 Str.	3/4	C	W-C (2)	—	U-C (1)	1 Str.	6.8 Str., 8 Sol.
YC2C2		2 Sol. - 2 Str.						—	—
YC26C2	1/0 Sol. - 2/0 Str.	8 Sol. - 2 Str.	7/8	E or 0	—	—	U-E (3) U-O (1)	1 Str.	1 or 2 Str.
YC26C26		1/0 Sol. - 2/0 Str.						—	—
YC28C2	3/0 Sol. - 4/0 Str.	6 Sol. - 2 Str.	1-1/16	F or D3	—	—	U-F (3) U-D3 ** (1)		
YC28C26		1/0 Sol. - 2/0 Str.							
YC28C28		3/0 Sol. - 4/0 Str.							

** Multiple crimp die set. Makes more than one crimp per tool compression. Figure ( ) indicates number of compressions.
† U Die with adapter PT-6515.
‡ U Die with adapter PUADP-1.
* Not UL Listed.

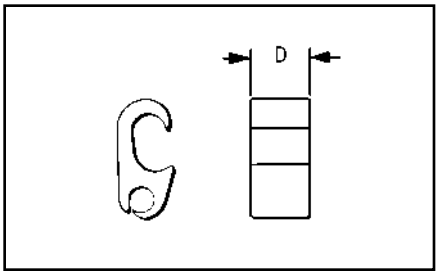
TYPE YP-C

COPPER CRIMPIT™

Line Tap for Extra Wide Range of Copper

Figure "6" -shaped, wide range-taking copper, compression tap connector for primary service taps and secondary service drops. Connector can be gripped in tool and slipped over the line for easy installation.





Catalog Number	D	Run	Tap	Die Index	Tools, Die Set Catalog No., & (Number of Crimps) Y35, Y750, Y45†, Y46‡
YP2C2	.75	6 Sol. - 2 Str.	6 Sol. - 2 Str.	0	U-O (1)
YP28C28	1.00	2/0 Str. - 4/0 Str.	2/0 Str. - 4/0 Str.	D	U-D3 (1)
YP29C26	.75	1/0 Str. - 250	4 Sol. - 2/0 Str.		

† U Die with adapter PT-6515.
‡ U Die with adapter PUADP-1.

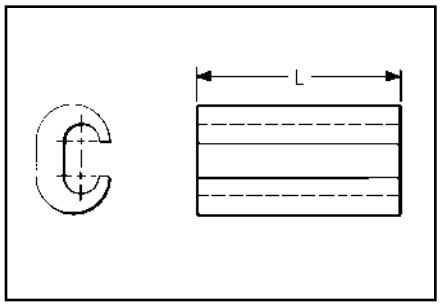
Blue highlighted items are industry standard and most frequently ordered.

TYPE YC-A

ALUMINUM CRIMPIT™

Line Tap for Combinations of Aluminum, ACSR, 6201, 5005, Compressed and Compact Conductors





Range-taking, C-shaped aluminum compression tap, or dead-ending connector designed to eliminate effects of cold flow. Can be gripped in tool and slipped over line for easy crimping. Pre-filled with PENETROX™ joint compound and Stripsealed.

Catalog Number	Run		Tap		L	Die Index	Tools, Die Set Catalog No., & (Number of Crimps)	
	Aluminum	ACSR, 6201, 5005	Aluminum	ACSR, 6201, 5005			MD7, MD6	Y35, Y750, Y45†, Y46‡
YC4A6	6 Sol. - 4 Str.	6	6 Sol. & Str.	—	1-1/4″	BG or 5/8	BG (4) W-BG (2)*	U-BG (2)*
YC4A4			4 Sol. & Str.	6				
YC2A4	2 Sol. & Str.	4 - 2	4 Sol. & Str.	6	1-1/2″	C	W-C (4)	U-C (2)*
YC2A2			2 Sol. & Str.	4 - 2				
YC25A4	1/0 Str.	1/0	6 Str. - 4 Str.	6 - 4	1-1/2″	C	W-C (4)	U-C (2)*
YC25A2			2 Sol. & Str.	2	2-1/4″	C	W-C (6)	U-C (3)*
YC25A25	1/0 Str. - 2/0 Str.		1/0 Str. - 2/0 Str.	1/0	1-3/4″	Q	W-Q (6)*	
YC26A25	1/0 Str. - 2/0 Str.	1/0 - 2/0	1/0 Str.	1/0	2-1/2″	D**	—	U-D (3)
YC26A26			2/0 Str.	2/0				
YC28A2	3/0 Str. - 4/0 Str.	3/0 - 4/0	6 Sol. - 2 Str.	6 - 2	2-3/4″	H	—	U-H (3)
YC28A25			1/0 Str.	1/0				
YC28A26			2/0 Str.	2/0				
YC28A28			3/0 Str. - 4/0 Str.	3/0 - 4/0				
YC33R26	300 - 397.5	336.4 (18-1) (26-7)	2 Str. - 2/0 Str.	2 - 1/0	1-1/2″	R	—	U-R (2)

* Multiple crimp die set; makes more than one crimp per tool compression. Figure indicates number of compressions.
** Index number "D" is not "D3" Cabelok CRIMPIT™ die.
† U Die with adapter PT-6515.
‡ U Die with adapter PUADP-1.

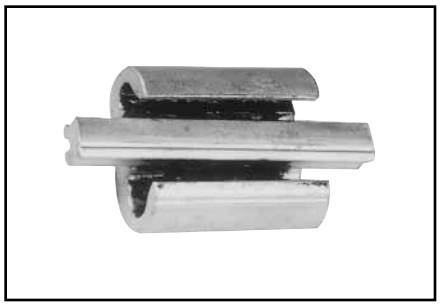
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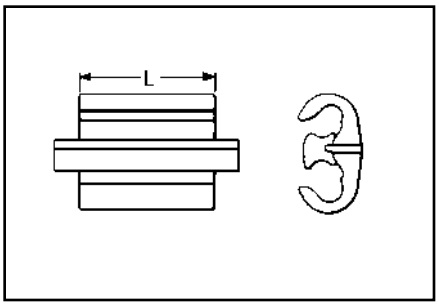
TYPES YP-U, YPC-U

CABELOK CRIMPIT™

Line Tap for Copper, Aluminum or ACSR

Wide range, universal and reversible, Figure "3" -shaped aluminum connector with adjustable overhanging spacer that separates conductors. Spacer holds run or tap in place permitting lineman to either approach the line ready to crimp, or to assemble connector and tap on run and then crimp. Massive aluminum design minimizes conductor corrosion due to galvanic action. Pre-filled with PENETROX™ joint compound and Stripsealed. Conductor range and tooling information clearly printed on connector and package.





RUS Accepted

H-21

Catalog Number	Conductor (See Chart Below for Compressed Conductor)						L	Die Index	Tool, Die Set Catalog No., & (Number of Crimps)	
	Groove A			Groove B						
	Solid	Stranded	ACSR	Solid	Stranded	ACSR			MD7, MD6	Y35, Y750, Y45†, Y46‡
YP2U3*	6, 4, 3, 2	6, 4, 3,	6, 4	6, 4, 3, 2,	6, 4, 3	6, 4	1-1/2″	0	W-0 (4)	U-0(1)
YP26AU2	1, 1/0, 2/0, 3/0	2, 1, 1/0, 2/0	3, 2, 1, 1/0	6, 4, 3, 2, 1, 1/0	6, 4, 3, 2, 1	6 ,4, 3, 2				
YP25U25**	2/0, 3/0	1, 1/0, 2/0	1, 1/0	2/0, 3/0	1, 1/0, 2/0	1, 1/0	1-5/8″	D3	MD6 (4)	U-D3 (1)
YP27AU4	2/0, 3/0, 4/0	1/0, 2/0, 3/0	1/0, 2/0	6, 4, 3, 2,	6, 4, 3	6, 4				
YP27AU2				2, 1, 1/0	3, 2, 1	4, 3, 2				
YP27AU26	3/0, 4/0	2/0, 3/0	2/0	2/0, 3/0	1/0, 2/0	1, 1/0, 2/0				
YP28U2	—	4/0	3/0, 4/0	2, 1, 1/0	4, 3, 2, 1	4, 3, 2				
YP28U26				2/0, 3/0	1/0, 2/0	1, 1/0, 2/0	3-1/2″		MD6 (9)	U-D3 (2)
YPC28U28	4/0	3/0, 4/0		4/0	2/0, 3/0, 4/0	2/0, 3/0, 4/0	2-3/4″			

Catalog Number	Compressed Conductor				L	Die Index	Tool, Die Set Catalog No., & (Number of Crimps)	
	Groove A		Groove B					
	Stranded Aluminum	ACSR	Stranded Aluminum	ACSR			MD7, MD6	Y36, Y750, Y45†, Y46‡
YP2U3*	6, 4, 3, 2	6, 4, 3	6, 4, 3, 2	6, 4, 3	1-1/2″	0	W-0 (4)	U-0 (1)
YP26AU2	2, 1, 1/0, 2/0	2. 1. 1/0, 2/0	6, 4, 3, 2, 1	6, 4, 3, 2, 1				
YP25U25**	1/0, 2/0	1/0, 2/0	1/0, 2/0	1/0, 2/0	1-5/8″	D3	MD (4)	U-D3 (1)
YP27AU4	2/0, 3/0	1/0, 2/0, 3/0	6, 4, 3	6, 4, 3				
YP27AU2			3, 2, 1	4, 3, 2, 1				
YP27AU26	3/0	2/0, 3/0	1/0, 2/0, 3/0	1/0, 2/0				
YP28U2	4/0, 250, 266.8	4/0, 266.8, (18/1)	3, 2, 1	4, 3, 2, 1				
YP28U26			1/0, 2/0, 3/0	1/0, 2/0	3-1/2″		MD6 (9)	U-D3 (1)
YPC28U28	4/0	3/0, 4/0	3/0, 4/0	3/0, 4/0	2-3/4″		—	U-D3 (2)

* TAKES UP to #2 ACSR maximum in either groove if other wire is #2 solid or smaller.
** TAKES DOWN to #2 ACSR minimum in either groove if other groove wire is 1/0 stranded or larger.
† U Die with adapter PT-6515.
‡ U Die with adapter PUADP-1.

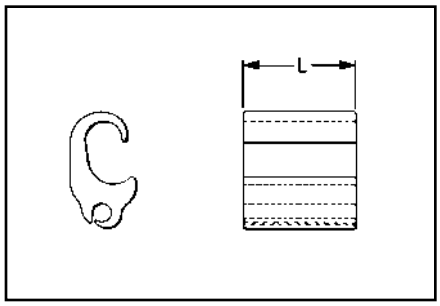
Blue highlighted items are industry standard and most frequently ordered.

TYPE YPC-U

UNIVERSAL CRIMPIT™

Line Tap for Combinations of Copper, Aluminum, ACSR, 6201, 5005 and Compressed and Compact Conductors





Extra wide range universal connector. Two dies and 5 connectors take run sizes 1/0-600, and tap sizes 6-400. Wide range made possible by long ram travel of BURNDY® HYPRESS™ tools. Figure "6"- shape separates run and tap wires, and minimizes galvanic corrosion of conductors. Connector can be gripped in tool and slipped over line for easy installation. Pre-filled with PENETROX™ joint compound and Stripsealed.

Catalog Number	Run		Tap		L	Die Index	Tools, Die Set Catalog No., & (Number of Crimps)		
	Aluminum & Copper	ACSR, 5005	Aluminum & Copper	ACSR, 5005			Y35, Y750	Y45†	Y46‡
YPC28U4	3/0 - 4/0 Str. & 4/0, 250, 266.8 Alum. Compressed	3/0 - 4/0 & 4/0, 266.8 (18/1) ACSR Compressed	6, 4, 3 Str. 6, 4, 3, 2 Sol. & 6, 4, 3, Alum. Compressed	6, 4 & 6, 4, 3 ACSR Compressed	1-5/8	D3 ②	U-D3 (1)	U-D3 (1)	U-D3 (1)
YPC28U26	1/0 (7) - 4/0 (7)	1/0 - 4/0	3 Sol. - 2/0 (7)	4 - 1/0	2-3/4	D3	U-D3 (2)	—	—
YPC28U28 ①	3/0, 4/0 Str. 4/0 Sol. & 4/0, 250, 266.8 Alum. Compressed	3/0 - 4/0 & 3/0 - 4/0 266.8 (18/1) ACSR Compressed	2/0, 3/0, 4/0 Str. 4/0 Sol. & 3/0, 4/0, 250 266.8 Alum. Compressed	2/0, 3/0, 4/0 & 3/0, 4/0, 266.8 (18/1) ACSR Compressed	2-3/4	D3	U-D3 (2)	U-D3 (2)	U-D3 (2)
YPC28R28A	3/0, 4/0 Str. & 4/0, 250, 266.8 Alum. Compressed	3/0 - 4/0 & 4/0, 266.8 (18/1) ACSR Compressed	3/0 - 4/0 Str. & 4/0 Alum. Compressed	3/0 & 4/0 ACSR Compressed	2-3/4	D3	U-D3 (2)	U-D3 (2)	U-D3 (2)
YPC33R26U	250 (37) - 400 (37)	266.8 (18-1) - 397.5 (18-1)	6 Sol. - 2/0 (19)	6 - 1/0	2-1/8	N	U-N (2)	S-N (2)	P-N (2)
YPC33R28R	250 (37) - 477 (37)	266.8 (18-1) - 397.5 (18-1)	2/0 (19) - 4/0 (19)	2/0 - 4/0	8-7/8	N	U-N (3)	S-N (3)	P-N (3)
YPC33R33R	250 (37) - 400 (37)	266.8 (18-1) - 397.5 (18-1)	250 (37) - 400 (37)	266.8 (18-1) - 397.5 (18-1)	8-7/8	N	U-N (3)	S-N (3)	P-N (3)
YPC38R26U	477 (19) - 600 (61)	397.5 (26-7) - 556.5 (18-1)	6 Sol. - 2/0 (19)	6 - 1/0	2-1/8	N	U-N (2)	S-N (2)	P-N (2)
YPC36A32	397.5 (19) - 600 (61)	336.5 (26-7) - 556.5 (18-1)	2/0 (7) - 400 (37)	2/0 (6-1) - 397.5 (18-1)	5	Z	—	S-Z (3)	—
YPC36A36	397.5 (19) - 600 (61)	336.5 (26-7) - 556.5 (18-1)	397.5 (19) - 600 (61)	397.5 (26-7) - 556.5 (18-1)	6-3/4	Z	—	S-Z (4)	—
YPC40A32	600 (61) - 800 (61)	556.5 (18-1) - 795 (26-7)	2/0 (7) - 400 (37)	2/0 (6-1) - 397.5 (18-1)	5	T	—	S-T (3)	—
YPC40A36	600 (61) - 800 (61)	556.5 (18-1) - 795 (26-7)	397.5 (19) - 600 (61)	336.4 (26-7) - 556.5 (18-1)	5	T	—	S-T (3)	—
YPC40A40	600 (61) - 954 (61)	556.5 (18-1) - 795 (26-7)	600 (61) - 954 (61)	556.5 (18-1) - 795 (26-7)	9-7/8	T	—	S-T (6)	—

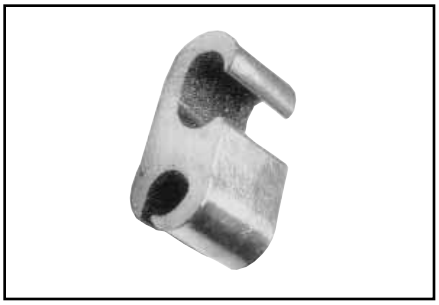
① 2/0 Str. Cu Aluminum and 2/0 ACSR may also be installed in run when tap is 3/0 Str. or larger.
② YPC28U4 only may be installed with MD6 HYTOOL™ and the BCT500HS with D^3 groove.
† U Die with adapter PT-6515.
‡ U Die with adapter PUADP-1.

Blue highlighted items are industry standard and most frequently ordered.

TYPE YC-U

UNIVERSAL CRIMPIT™

Line Tap Combinations of Copper, Aluminum, ACSR, 6201, 5005 and Compressed and Compact Conductors



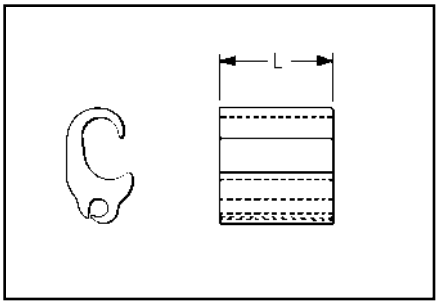


Figure "6" -shaped, wide range-taking aluminum compression tap connector for smaller primary service taps and secondary service drops. Minimizes galvanic corrosion of conductors. Connector can be gripped in tool and slipped over line for easy installation. Installed with aluminum CRIMPIT™ dies. Pre-filled with PENETROX™ joint compound and Stripsealed.

Catalog Number	Run		Tap		L	Die Index	Tools, Die Set Catalog No., & (Number of Crimps) Y35, Y750, Y45†, Y46‡
	Aluminum & Copper	ACSR, 6201, & 5005	ACSR, 6201, & 5005	Aluminum & Copper			
YC4U1	4 Sol. - 4 Str.	4	6 - 1 Str.	6 Sol. - 2 Str.	1-7/8	D*	U-D (2)
YC1U1	2 Str. - 1 Str.	2					
YC28U26	1/0 Str. - 4/0 Str.	1/0 - 4/0	6 - 1/0	6 Sol. - 2/0 Str.	2-1/8	H	U-H (2)
YC33R26U	300 - 400	266.8 (6-7) - 336.4 (30-7)				R	U-R (2)

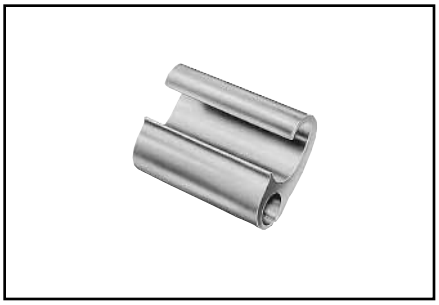
* Die Index "D" is not Die Index "D3" (Cabelok & Universal CRIMPIT™ Die).
† U Die with adapter PT-6515.
‡ U Die with adapter PUADP-1.

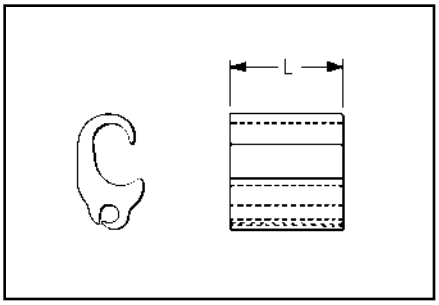
H-23

TYPES YPC-A-U, YPC-R-U

CRIMPIT™

Street Lighting Tap for Combinations of Copper, Aluminum, ACSR, Compressed and Compact Conductors





Compact compression connector designed to tap small lighting wires from secondaries. Figure "6" -shape separates run and tap, and minimizes galvanic corrosion. Connector can be gripped in tool and slipped over line for easier installation. Pre-filled with PENETROX™ joint compound and Stripsealed.

Catalog Number	Run				Tap	L	Die Index	Tools, Die Set Catalog No., & (Number of Crimps)		OUR840
	ACSR	Compressed ACSR	Aluminum & Copper	Compressed Aluminum	Aluminum & Copper			MD7, MD6	Y35, Y750, Y45†, Y46‡	
YPC2A8U	6 - 4	6 - 2	4 - 2 Sol. 6 - 2 Str.	4 - 2	14 Sol. - 8 Str.	5/8	BG or 5/8	BG (2) W-BG (1)*	U-BG (1)*	XBG
YPC26R8U	2 - 3/0	1 - 3/0	1 - 3/0 Str.	1/0 - 3/0		3/4	0	W-O (2)	U-O (1)	W-O

* Multiple crimp die set, makes more than one crimp per tool compression. Figure indicates number of compressions.
† U Die with adapter PT-6515.
‡ U Die with adapter PUADP-1.

Blue highlighted items are industry standard and most frequently ordered.

TYPE CC

CRIMPIT™ COVER

For All O, D and N Die Tap Connectors

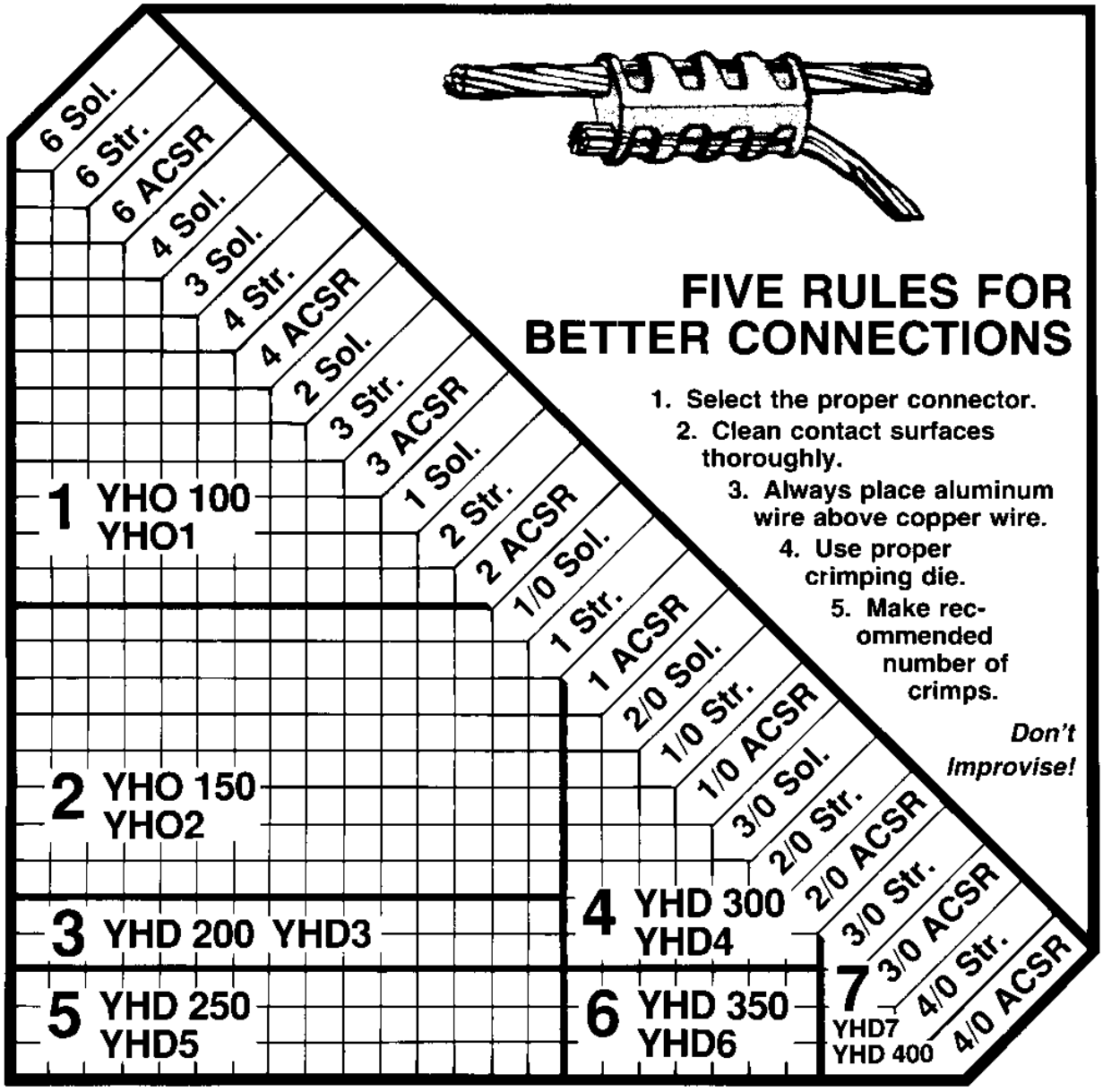


High density polyethylene cover accommodates most industry connectors in the O, D and N range. Four sizes cover the full #6-600 kcmil conductor range. One piece design. No extra hardware needed. Simply slip over connector and snap shut. Supplied in Black.

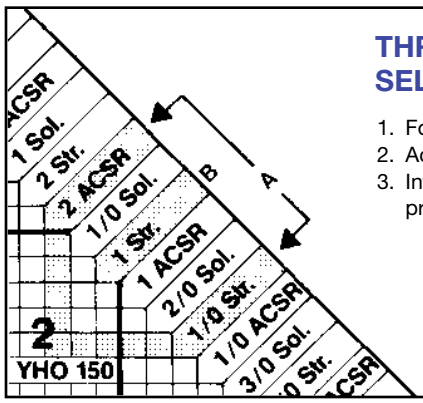
Catalog Number	Maximum Connector Length	Connector Series Accommodate
CCO	2-1/2	O Die
CCD	2-3/4	D Die
CCN	2-1/8	Short N Die
CCNL	5-3/16	Long N Die and YP28U26

Blue highlighted items are industry standard and most frequently ordered.

SEVEN CONNECTOR SELECTOR CHART



For Compression Tap Connectors BURNDY® HYCRIMP™ and LOKTAP™



THREE SIMPLE SELECTION STEPS

1. Follow down from the smaller wire.
2. Across from the larger wire.
3. Intersection is in the area of the proper connector.

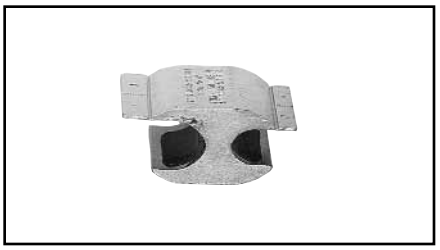
   Example:

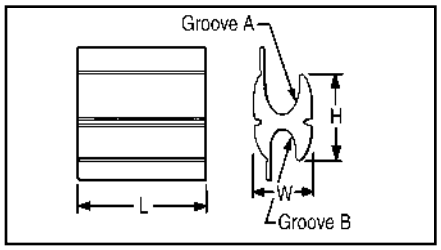
   A. For #2 ACSR to #1/0 Str. select No. 2 connector.

TYPES YHO & YHD

HYCRIMP™

Line Tap for Copper, Aluminum or ACSR and Compact Conductors





Wide range, universal and reversible figure H shaped aluminum connector. Conductors are separated by the shape of the connector. Bendable tabs secure both run and tap conductors freeing the linemans hands to work with the installation tool. Massive aluminum design minimizes corrosion due to galvanic corrosion. Prefilled with PENETROX™ joint compound and individually packaged. Conductor ranges and tooling clearly printed on connector and package.

RUS Accepted

H-26

Handtool or Hydraulic 7 Connector Program

Catalog Number	① Code No.	Conductors (See Below for Compact Conductors) Groove A (Run) Wire Diameter Range	Sol.	Str.	ACSR	Groove B (Tap) Wire Diameter Range	Sol.	Str.	ACSR	Dimensions H	L	W	Die Index	Installation Data Tool, Die Set Catalog No. & (No. of Crimps) MD7-8 MD6-8	Y35, Y750, Y45†, Y46‡
YHO-100	1	.162 - .332	#6 - #1	#6 - #1; 7 Str.	#6 - #2	.162 - .332	#6 - #1	#6 - #1, 7 Str.	#6 - #2	1.12	1.25	.70	0	(4)	U-O (2)
YHO-150	2	.260 - .419	#1 - 2/0	#3.3 Str. - 2/0	#3 - 1/0	.162 - .332	#6 - 1/0	#6 - 1, 19 Str.	#6 - #2	1.12	1.50	.70	0	(5)	U-O (2)
YHD-200	3	.398 - .470	3/0 - 4/0	2/0 - 3/0	1/0 - 2/0	.162 - .332	#6 - 1/0	#6 - #1, 19 Str.	#6 - #2	1.44	1.62	.89	D3	(5)	UD3 (2)
YHD-250	5	.475 - .563	250 - 300	4/0	3/0 - 4/0	.162 - .332	#6 - 1/0	#6 - #1, 19 Str.	#6 - #2	1.47	1.62	.89	D3	② (5)	UD3 (2)
YHD-300	4	.336 - .470	2/0 - 4/0	#1, 3 Str. - 3/0	#1 - 2/0	.336 - .447	2/0 - 3/0	#1, 3 Str. - 2/0	#1 - 2/0	1.42	1.88	.89	D3	(5)	UD3 (2)
YHD-350	6	.461 - .563	250 - 300	3/0 - 4/0	3/0 - 4/0	.338 - .447	2/0 - 3/0	#1, 3 Str. - 2/0	#1 - 2/0	1.42	2.25	.89	D3	(7)	UD3 (3)
YHD-400	7	.461 - .563	250 - 200	3/0 - 4/0	3/0 - 4/0	.461 - .563	250 - 300	3/0 - 4/0	3/0 - 4/0	1.49	2.50	.89	D3	(7)	UD3 (3)

Compact Conductors

Catalog Number	① Code No.	Groove A (Run) Wire Diameter Range	Compact ACSR	Compact CU or AL	Groove B (Tap) Wire Diameter Range	Compact ACSR	Compact CU or AL	Dimensions H	L	W	Die Index	Installation Data Tool, Die Set Catalog No. & (No. of Crimps) MD6-8	Y35, Y750, Y45†, Y46‡
YHO-100	1	.162 - .336	#6 - #3	#6 - #1	.162 - .268	#6 - #3	#6 - #1	1.12	1.25	.70	0	(4)	U-O (2)
YHO-150	2	.260 - .414	#2 - 1/0	#2 - 2/0	.162 - .332	#6 - #1	#6 - #1	1.12	1.50	.70	0	(5)	U-O (2)
YHD-200	3	.398 - .470	2/0 - 3/0	3/0	.162 - .332	#6 - #1	#6 - #1	1.44	1.62	.89	D3	(5)	UD3 (2)
YHD-250	5	.475 - .563	4/0 - 266 (18/1)	4/0 - 266	.162 - .332	#6 - #1	#6 - #1	1.47	1.62	.89	D3	② (5)	UD3 (2)
YHD-300	4	.336 - .470	1/0 - 3/0	1/0 - 3/0	.338 - .477	1/0 - 3/0	1/0 - 3/0	1.42	1.88	.89	D3	(5)	UD3 (2)
YHD-350	6	.461 - .563	3/0 - 266 (18/1)	4/0 - 266	.338 - .447	1/0 - 2/0	1/0 - 3/0	1.42	2.25	.89	D3	(7)	UD3 (3)
YHD-400	7	.461 - .563	3/0 - 266 (18/1)	4/0 - 266	.461 - .563	3/0 - 266 (18/1)	4/0 - 266	1.49	2.50	.89	D3	(7)	UD3 (3)

Hydraulic Tool Only 4 Connector Program

Catalog Number	Conductors (See Below for Compact Conductors) Groove A (Run) Wire Diameter Range	Sol.	Str.	ACSR	Groove B (Tap) Wire Diameter Range	Sol.	Str.	ACSR	Dimensions H	L	W	Die Index	Installation Data Tool, Die Set Catalog No. & (No. of Crimps) Y35, Y750, Y45†, Y46‡
YHO-125	.162 - .398	#6 - 2/0	#6 - 1/0	#6 - 1/0	.162 - .332	#6 - 1/0	#6 - #1, 19 Str.	#6 - #2	1.15	1.62	.70	0	U-O (2)
YHD-250	.338 - .563	2/0 - 300	#1.3 Str. - 4/0	#1 - 4/0	.162 - .332	#6 - 1/0	#6 - #1, 19 Str.	#6 - #2	1.47	1.62	.89	D3	UD3 (2)
YHD-350	.338 - .563	2/0 - 300	#1, 3 Str. - 4/0	#1 - 4/0	.338 - .477	2/0 - 3/0	#1, 3 Str. - 2/0	#1 - 2/0	1.42	2.50	.89	D3	UD3 (3)
YHD-400	.426 - .563	4/0 - 300	3/0 - 4/0	2/0 - 4/0	.426 - .563	4/0 - 300	3/0 - 4/0	2/0 - 4/0	1.49	2.50	.89	D3	UD3 (3)

Compact Conductors

Catalog Number	Groove A (Run) Wire Diameter Range	Compact ACSR	Compact CU or AL	Groove B (Tap) Wire Diameter Range	Compact ACSR	Compact CU or AL	Dimensions H	L	W	Die Index	Installation Data Tool, Die Set Catalog No. & (No. of Crimps) Y35, Y750, Y45†, Y46‡
YHO-125	.162 - .398	#6 - 1/0	#6 - 2/0	.162 - .332	#6 - #1	#6 - #1	1.15	1.62	.70	0	U-O (2)
YHD-250	.338 - .563	1/0 - 266 (18/1)	1/0 - 266	.162 - .332	#6 - #1	#6 - #1	1.47	1.62	.89	D3	UD3 (2)
YHD-350	.338 - .563	1/0 - 266 (18/1)	1/0 - 266	.336 - .477	1/0 - 2/0	1/0 - 3/0	1.42	2.25	.89	D3	UD3 (3)
YHD-400	.426 - .563	3/0 - 266 (18/1)	3/0 - 266	.426 - .563	3/0 - 266 (18/1)	3/0 - 266	1.49	2.50	.89	D3	UD3 (3)

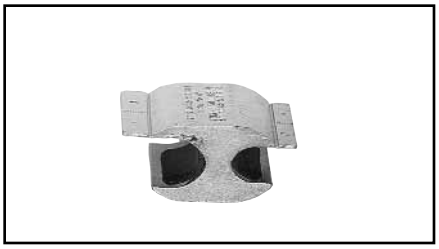
† U Die with adapter PT-6515
‡ U Die with adapter PUADP.

① See page H-25 for Seven Connector Selector Chart.
② Permanent dies in tool install all sizes.

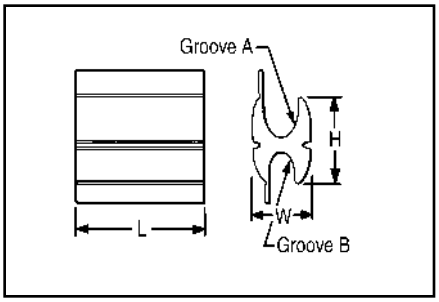
TYPES YHN & YHR

HYCRIMP™

Line Tap for Copper, Aluminum or ACSR and Compact Conductors



RUS Accepted



N Die Connectors*

Catalog Number	Conductors (See Below for Compact Conductors)							Dimensions			Die Index	Installation Data		
	Groove A (Run))			Groove B (Tap)								Tool, Die Set Catalog No. & (No. of Crimps)		
	Wire Diameter Range	Str.	ACSR	Wire Diameter Range	Sol.	Str.	ACSR	H	L	W		Y35, Y750	Y45	Y46
YHN-450	.522 - .750	4/0 - 400	4/0 - 397 (18/1)	.522 - .750	336 - 477	4/0 - 400	4/0 - 397 (18/1)	2.05	3.50	1.25	N	U-N (3)	S-N (3)	P-N (3)
YHN-500	.522 - .815	4/0 - 500	4/0 - 477 (18/1)	.160 - .450	#6 - 3/0	#6 - 2/0	#6 - 2/0	2.00	1.62	1.28	N	U-N (2)	S-N (2)	P-N (2)
YHN-525	.522 - .814	4/0 - 500	4/0 - 477 (18/1)	.522 - .814	—	4/0 - 500	4/0 - 477 (18/1)	1.824	4.50	1.23	N	U-N (3)	S-N (3)	P-N (3)
YHN-550	.573 - .815	250 - 500	266 - 477 (18/1)	.410 - .505	3/0 - 300	2/0 - 4/0	2/0 - 4/0	1.96	2.00	1.28	N	U-N (2)	S-N (2)	P-N (2)
YHN-600	.573 - .815	250 - 500	266 - 477 (18/1)	.570 - .685	336 - 400	250 - 350	266 - 336.4 (18/1)	2.00	3.50	1.28	N	U-N (3)	S-N (3)	P-N (3)

Catalog Number	Compact Conductors						Dimensions			Die Index	Installation Data		
	Groove A (Run))			Groove B (Tap)							Tool, Die Set Catalog No. & (No. of Crimps)		
	Wire Diameter Range	Compressed ACSR	Compact CU or AL	Wire Diameter Range	Compressed ACSR	Compact CU or AL	H	L	W		Y35, Y750	Y45	Y46
YHN-450	.522 - .750	226 - 477 (18/1)	250 - 500	.522 - .750	266 - 477 (18/1)	250 - 500	2.05	3.50	1.25	N	U-N (3)	S-N (3)	P-N (3)
YHN-500	.522 - .815	266 - 556	250 - 556	.160 - .450	#6 - 2/0	#6 - 3/0	2.00	1.62	1.28	N	U-N (2)	S-N (2)	P-N (2)
YHN-525	.522 - .814	266.8 - 556.5	250 - 556	.522 - .814	266.8 - 556.5	250 - 556	1.824	4.50	1.23	N	U-N (3)	S-N (3)	P-N (3)
YHN-550	.573 - .815	300 - 556	300 - 556	.410 - .565	2/0 - 266	3/0 - 266	1.96	2.00	1.28	N	U-N (2)	S-N (2)	P-N (2)
YHN-600**	.573 - .815	300 - 556	300 - 556	.570 - .685	300 - 397	300 - 397	2.00	3.50	1.28	N	U-N (3)	S-N (3)	P-N (3)

R Die Connectors*

Catalog Number	Conductors (See Below for Compact Conductors)							Dimensions			Die Index	Installation Data	
	Groove A (Run			Groove B (Tap)								Tool, Die Set Catalog No. & (No. of Crimps)	
	Wire Diameter Range	Str.	ACSR	Wire Diameter Range	Sol.	Str.	ACSR	H	L	W		Y45	Y46
YHR-700	.666 - .893	336 - 600	300 - 556 (18/1)	.398 - .684	3/0 - 350	2/0 - 350	1/0 - 336.4 (18/1)	3.04	3.50	1.74	KR	S-KR (3)	P-KR (3)
YHR-750	.666 - .893	336 - 600	300 - 556 (18/1)	.666 - .893	—	300 - 600	300 - 556 (18/1)	3.04	4.62	1.74	KR	S-KR (4)	P-KR (4)
YHR-800	.879 - 1.108	600 - 900	556.5 (18/1) - 795 (26/7)	.398 - .684	3/0 - 350	2/0 - 350	1/0 - 336.4 (18/1)	3.05	3.50	1.74	KR	S-KR (3)	P-KR (3)
YHR-850	.879 - 1.108	600 - 900	556.5 (18/1) - 795 (26/7)	.666 - .893	—	336 - 600	300 - 556 (18/1)	3.04	4.62	1.74	KR	S-KR (4)	P-KR (4)
YHR-900	.879 - 1.108	600 - 900	556.5 (18/1) - 795 (26/7)	.879 - 1.108	—	600 - 900	556.5 (18/1) - 795 (26/7)	2.97	4.62	1.74	KR	S-KR (4)	P-KR (4)
YHR-950	.666 - 1.165	336.4 - 1000	556.5 (18/1) - 954 (45/7)	.666 - 1.165	—	336.4 - 1000	336.4 (18/1) - 954 (45/7)	3.14	6.00	1.66	KR	S-KR (5)	P-KR (5)

Catalog Number	Compact Conductors						Dimensions			Die Index	Installation Data	
	Groove A (Run)			Groove B (Tap)							Tool, Die Set Catalog No. & (No. of Crimps)	
	Wire Diameter Range	Compressed ACSR	Compact CU or AL	Wire Diameter Range	Compressed ACSR	Compact CU or AL	H	L	W		Y45	Y46
YHR-700	.666 - .893	397 - 636	477 - 636	.398 - .684	2/0 - 397 (18/1)	3/0 - 397.5	3.04	3.50	1.74	KR	S-KR (3)	P-KR (3)
YHR-750	.666 - .893	397 - 636	477 - 636	.666 - .893	397 - 636	477 - 636	3.04	4.62	1.74	KR	S-KR (4)	P-KR (4)
YHR-800	.879 - 1.108	795 - 954	795 - 954	.398 - .684	2/0 - 397 (18/1)	3/0 - 397.5	3.05	3.50	1.74	KR	S-KR (3)	P-KR (3)
YHR-850	.879 - 1.108	795 - 954	795 - 954	.666 - .893	397 - 636	477 - 636	3.04	4.62	1.74	KR	S-KR (4)	P-KR (4)
YHR-900	.879 - 1.108	795 - 954	795 - 954	.879 - 1.108	795 - 954	795 - 954	2.97	4.62	1.74	KR	S-KR (4)	P-KR (4)
YHR-950	.666 - 1.165	—	—	.666 - 1.165	—	—	3.14	6.00	1.66	KR	S-KR (5)	P-KR (5)

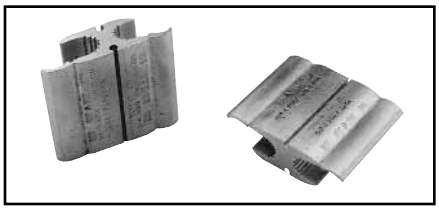
* HYCRIMP™ connectors can be installed with competitive R dies.

** Die Index S-T and S-Z may also be used on sizes 700-900 only. S-KR required for 950 and S-Z.

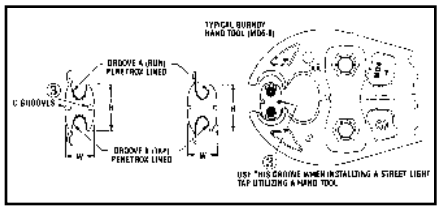
Blue highlighted items are industry standard and most frequently ordered.

LOKTAP™

LOKTAP™ compression connectors are high quality, range-taking devices which accommodate combinations of aluminum to copper, and aluminum to aluminum conductors. BURNDY® seven connector program accommodates a conductor range from #6 Sol. to 4/0 ACSR. In addition, LOKTAP™ products feature a "C" groove on both sides



of the connector for use in street lighting applications from #14 Sol. to #10 Sol.



LOKTAP™ connectors are designed to be installed with BURNDY® mechanical or hydraulic tools and matching O and D[3] die set.

Handtool or Hydraulic 7 Connector Program ①

Catalog Number	① Code No.	Conductors (See Below for Compact Conductors) Groove A (Run) Wire Diameter Range	Sol.	Str.	ACSR	Groove B (Tap) Wire Diameter Range	Sol.	Str.	ACSR	Dimensions H	L	W	Installation Data Die Index	Tool, Die Set Catalog No. & (No. of Crimps) MD7, MD6	Y35, Y750, Y45†, Y46‡
YHO-1	1	.162 - .332	#6 - #1	#6 - #1, 7 Str.	#6 - #2	.162 - .332	#6 - #1	#6 - #1, 7 Str.	#6 - #2	1.11	1.25	.67	0	(4)	U-0 (2)
YHO-2	2	.260 - .419	#1 - 2/0	#3.3 Str. - 2/0	#3 - 1/0	.162 - .332	#6 - 1/0	#6 - #1, 19 Str.	#6 - #2	1.12	1.50	.64	0	(5)	U-0 (2)
YHD-3	3	.398 - .470	3/0 - 4/0	2/0 - 3/0	1/0 - 2/0	.162 - .332	#6 - 1/0	#6 - #1, 19 Str.	#6 - #2	1.47	1.88	.76	D3	(5)	UD3 (2)
YHD-5	5	.475 - .563	250 - 300	4/0	3/0 - 4/0	.162 - .332	#6 - 1/0	#6 - #1, 19 Str.	#6 - #2	1.47	1.88	.87	D3	② (5)	UD3 (2)
YHD-4	4	.336 - .470	2/0 - 4/0	#1, 3 Str. - 3/0	#1 - 2/0	.336 - .477	2/0 - 3/0	#1, 3 Str. - 2/0	#1 - 2/0	1.42	1.88	.83	D3	(5)	UD3 (2)
YHD-6	6	.461 - .563	250 - 300	3/0 - 4/0	3/0 - 4/0	.336 - .447	2/0 - 3/0	#1, 3 Str. - 2/0	#1 - 2/0	1.42	2.25	.83	D3	(6)	UD3 (3)
YHD-7	7	.461 - .563	250 - 300	3/0 - 4/0	3/0 - 4/0	.461 - 563	250 - 300	3/0 - 4/0	3/0 - 4/0	1.40	2.52	.84	D3	(7)	UD3 (3)
YHD-10**	—	.232 - .419**	#2 - #1**	#4 - 2/0**	#4 - 1/0	.232 - .419**	#2 - #1**	#4 - 2/0**	#4 - 1/0	1.18	1.50	.68	0	(4)	U-0 (2)

Catalog Number	① Code No.	Compact Conductors Groove A (Run) Wire Diameter Range	Compact ACSR	Compact CU or AL	Groove B (Tap) Wire Diameter Range	Compact ACSR	Compact CU or AL	Dimensions H	L	W	Installation Data Die Index	Tool, Die Set Catalog No. & (No. of Crimps) MD6	Y35, Y750, Y45†, Y46‡
YHO-1	1	.162 - .332	#6 - #1	#6 - #1	.162 - .332	#6 - #1	#6 - #1	1.11	1.25	.67	0	(4)	U-0 (2)
YHO-2	2	.260 - .419	#2 - 1/0	#2 - 2/0	.162 - .332	#6 - #1	#6 - #1	1.12	1.50	.64	0	(5)	U-0 (2)
YHD-3	3	.398 - .470	2/0 - 3/0	3/0	.162 - .332	#6 - #1	#6 - #1	1.47	1.88	.76	D3	(5)	UD3 (2)
YHD-5	5	.475 - .563	4/0 - 266 (18/1)	4/0 - 256	.162 - .332	#6 - #1	#6 - #1	1.47	1.88	.87	D3	② (5)	UD3 (2)
YHD-4	4	.336 - .470	1/0 - 3/0	1/0 - 3/0	.338 - .447	1/0 - 2/0	1/0 - 3/0	1.42	1.88	.83	D3	(5)	UD3 (2)
YHD-6	6	.461 - .563	3/0 - 266 (18/1)	4/0 - 266	.338 - .447	1/0 - 2/0	1/0 - 3/0	1.42	2.25	.83	D3	(6)	UD3 (3)
YHD-7	7	.461 - .563	3/0 - 266 (18/1)	4/0 - 266	.461 - 563	3/0 - 266 (18/1)	4/0 - 266	1.40	2.52	.84	D3	(7)	UD3 (3)
YHO-10**	—	.232 - .419**	#4 - 2/0	#2 - 2/0**	.232 - .419**	#4 - 2/0	#2 - 2/0**	1.18	1.50	.68	0	(4)	U-0 (2)

Hydraulic Tool Only 4 Connector Program

Catalog Number	Conductors (See Below for Compact Conductors) Groove A (Run) Wire Diameter Range	Sol.	Str.	ACSR	Groove B (Tap) Wire Diameter Range	Sol.	Str.	ACSR	Dimensions H	L	W	Installation Data Die Index	Tool, Die Set Catalog No. & (No. of Crimps) Y35, Y750, Y45†, Y46‡
—	.162 - .398	#6 - 2/0	#6 - 1/0	#6 - 1/0	.162 - .332	#6 - 1/0	#6 - #1, 19 Str.	#6 - #2	1.15	1.62	.70	0	U-0 (2)
YHD-5	.336 - .563	2/0 - 300	#1.3 Str. - 4/0	#1 - 4/0	.162 - .332	#6 - 1/0	#6 - #1, 19 Str.	#6 - #2	1.47	1.88	.87	D3	UD3 (2)
YHD-6	.336 - .563	2/0 - 300	#1, 3 Str. - 4/0	#1 - 4/0	.336 - .477	2/0 - 3/0	#1.3 Str. - 2/0	#1 - 2/0	1.42	2.25	.83	D3	UD3 (3)
YHD-7	.414 - .563	4/0 - 300	3/0 - 4/0	2/0 - 4/0	.461 - .563	4/0 - 300	3/0 - 4/0	2/0 - 4/0	1.40	2.52	.86	D3	UD3 (3)

Catalog Number	Compact Conductors Groove A (Run) Wire Diameter Range	Compact ACSR	Compact CU or AL	Groove B (Tap) Wire Diameter Range	Compact ACSR	Compact CU or AL	Dimensions H	L	W	Installation Data Die Index	Tool, Die Set Catalog No. & (No. of Crimps) Y35, Y750, Y45†, Y46‡
—	.162 - .398	#6 - 1/0	#6 - 2/0	.162 - .332	#6 - #1	#6 - #1	1.15	1.62	.70	0	U-0 (2)
YHD-5	.336 - .563	1/0 - 266 (18/1)	1/0 - .256	.162 - .332	#6 - #1	#6 - #1	1.47	1.88	.87	D3	UD3 (2)
YHD-6	.336 - .563	1/0 - 266 (18/1)	1/0 - .256	.336 - .447	1/0 - 2/0	1/0 - 3/0	1.42	2.25	.83	D3	UD3 (3)
YHD-7	.414 - .563	3/0 - 266 (18/1)	3/0 - .256	.414 - .563	3/0 - .266 (18/1)	3/0 - 266	1.40	2.52	.86	D3	UD3 (3)

** YHO-10: These ranges are for aluminum only. Use only #4 Str. concentric copper tap.
† U Die with adapter PT-6515.
‡ U Die with adapter PUADP-1.

① See page H-25 for Seven Connector Selector Chart.
② PERMANENT DIES IN TOOL INSTALL ALL SIZES.
③ "C" grooves accommodate #10 Sol. - #14 Sol. RANGE,. 116 in.-.064 in. No "C" grooves on CAT. NO. YH0125. When utilizing "C" groove(s) apply PENETROX™ A13 prior to wire installation. When utilizing two (2) "C" groove taps, installation to be made with HYDRAULIC TOOL ONLY. All four (4) grooves CANNOT be utilized if using a hand tool. When hand tool is used, only one (1) "C" groove can be utilized and connector MUST be positioned as shown in FIG.5

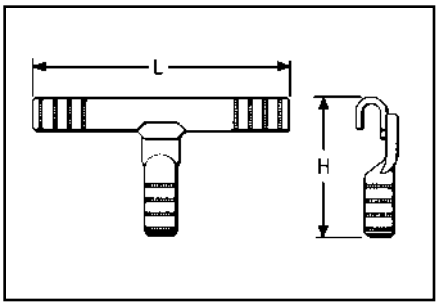
TYPE YCT

HYTEE

T-Tap for Copper

One-piece, copper compression tap connector with U-shaped run element and tubular tap for joining hard and medium-hard drawn copper. Preformed run element simplifies installation on larger conductors. Uses same die as equivalent full-tension sleeve.





Conductors			H	L	Run			Tap		
					Die Index	Tools, Die Set Catalog No., & (Crimps per End)		Die Index	Tools, Die Set Catalog No., & (Crimps per End)	
Catalog Number	Run	Tap				MD7, MD6	Y35, Y750, Y45†, Y46‡		MD6	Y35, Y750, Y45†, Y46‡
YCT2626	2/0 (7, 12, 19)	2/0 (7, 12, 19)	3.26	5.62	166	W166 (4)	U166/U459 (2)	166	W166 (6)	U-166 (3)
YCT2828	4/0 (7, 12, 19)	4/0 (7, 12, 19)	4	5.72	168		U168 (2)	168		U-168 (3)

† U Die with adapter PT-6515.
‡ U Die with adapter PUADP-1.

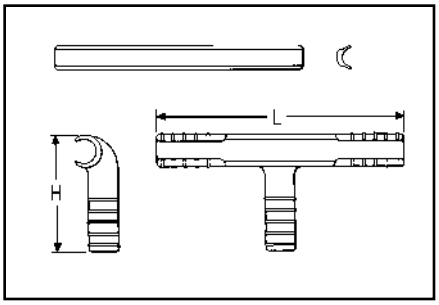
TYPE YOT

HYTEE

T-Tap for Copper

Cast copper T-tap connector with two-piece line element and tubular tap for joining hard and medium drawn copper. Design simplifies installation on large conductors. Uses same die as equivalent sleeve.





Catalog Number	Run	Tap	H	L	Run			Tap		
					Die Index	Tools, Die Set Catalog No., & (Crimps per End)		Die Index	Tools, Die Set Catalog No., & (Crimps per End)	
						Y35, Y750, Y45†, Y46‡	Y60B		Y35, Y750, Y45†, Y46‡	Y60BHU
YOT3434	500 (19, 37)	500 (19, 37)	4.82	10.38	210	U210 (6)	L210 (2)	210	U210 (6)	L210 (2)

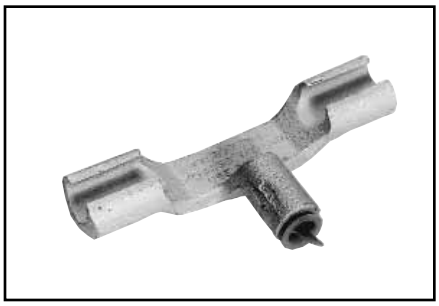
† U Die with adapter PT-6515
‡ U Die with adapter PUADP-1.

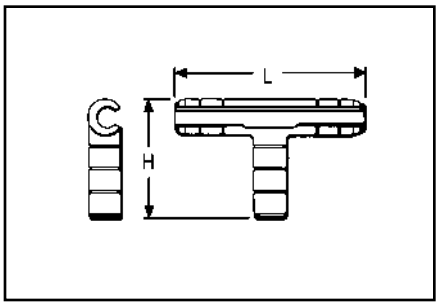
Blue highlighted items are industry standard and most frequently ordered.

TYPE YTU-R-R

T-TAP

For Combinations of Aluminum, Copper, ACSR, 6201, 5005 Compressed and Compact Conductors





One-piece heavy-wall aluminum compression tap connector for secondary service drop and transformer tap to primary or secondary. Connector can be gripped in tool for easy installation. Pre-filled with PENETROX™ joint compound.

H-30

Catalog Number	Run			Tap			H	L	Run			Tap		
									Die Index	Tools, Die Set Catalog Number, & (Crimps per End)		Die Index	Tools, Die Set Catalog Number, & (Crimps per End)	
	ACSR, 6201, 5005	Aluminum	Copper	ACSR, 6201, 5005	Aluminum	Copper				MD7, MD6	Y35, Y750, Y45†, Y46‡		MD7, MD6	Y35, Y750, Y45, Y46‡
YTU25R4W	1/0 80 (8-1)	1/0 (7, 19)	1/0 (7, 12, 19)	#6	#4 (7) #4 SLD	#4 (7) #4 Sol.	2-3/8	4-7/8	C	W-C (2)	U-C (1)*	BG	BG (3) W-BG (1)*	U-BG (1)*
YTU25R25R				1/0 80 (8-1)	1/0 (7, 19)	—								
YTU26R26R	2/0	2/0 (7, 19)	2/0 (7, 12, 19)	2/0	2/0 (7, 19)	2/0 (7, 12, 19)	3-3/8	7	L	W-L (4)	U-L (2)	L	—	U-L (2)
YTU27R27R	3/0	3/0 (7, 19)	3/0 (7, 12, 19)	3/0	3/0 (7, 19)	3/0 (7, 12, 19)								
YTU28R28R	4/0	4/0 (7, 19)	4/0 (7, 12, 19)	4/0	4/0 (7, 19)	4/0 (7, 12, 19)								
YTU30R30R	266.8 (18-1, 26-7, 6-7)	266.7 (7, 19, 37) 250 (19, 37) 300 (19, 37)	250 (12, 19, 37) 300 (19, 37)	266.8 (18-1, 26-7, 6-7)	266.7 (7, 19, 37) 250 (19, 37) 300 (19, 37)	250 (12, 19, 37)	4-3/8	8-3/4	M	—	U-M (3)	M	—	U-M (3)
YTU321R2R	300 (26-7) 336.4 (18-1)	350 (19, 37) 336.4 (19, 37)	350 (19, 37)	2	2 (7 Str.)	2 (3, 7 Str.)	2-5/8	6-5/8				BG	BG (3) W-BG (1)*	U-BG (1)*
YTU321R26R				2/0	2/0 (7, 19)	2/0 (7, 12, 19)	3-1/2	8-5/8				L	—	U-L (2)
YTU321R27R				3/0	3/0 (7, 19)	3/0 (7, 12, 19)								
YTU321R28R				4/0	4/0 (7, 19)	4/0 (7, 12, 19)						M		U-M (3)
YTU321R321R				336.4 (18-1) 300 (26-7)	336.4 (19, 37) 350 (19, 37)	350 (19, 37)						M		U-M (2)
YTU33R26R	336.4 (30.7) (26-7) 397.5 (18-1)	397.5 (19, 37) 400 (19, 37)	400 (19, 37)	2/0	2/0 (7, 19)	2/0 (7, 12, 19)	3-1/2	8-5/8				L		U-L (2)
YTU33R28R				4/0	4/0 (7, 19)	4/0 (7, 12, 19)								
YTU33R33R				336.4 (30.7) (26-7) 397.5 (18-1)	397.5 (19, 37) 400 (19, 37)	400 (19, 37)	4-3/8	8-3/4				M		U-M (3)

* Multiple crimp die set, makes more than one crimp per tool compression. Figure indicates number of compressions.
† U Die with adapter PT-6515
‡ U Die with adapter PUADP-1.

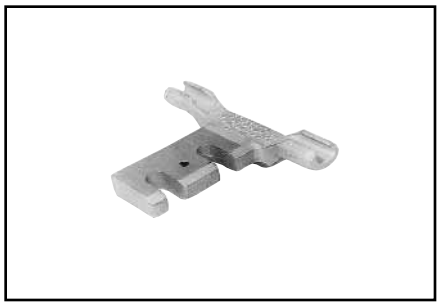
Blue highlighted items are industry standard and most frequently ordered.

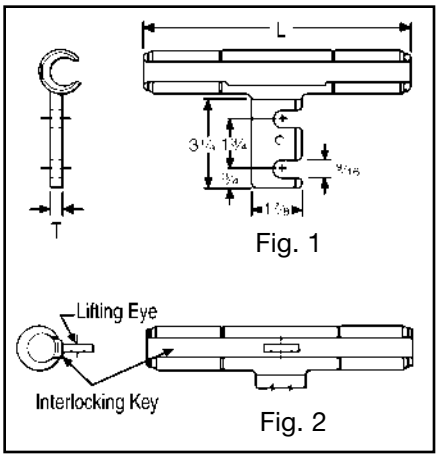
TYPE YTA-R-2N

DISCONNECTABLE T-TAP (WITH PAD)

For Copper, Aluminum, ACSR, 6201, 5005, Compressed and Compact Conductors

Aluminum primary T-tap connector with slotted tap pad designed for easy disconnecting of tap conductor. Tap pad accommodates compression terminals Types YKA-R-2N and YKA-A-2N, and has positioning socket for proper alignment. On sizes larger than 336.4 ACSR, the YTA-R-2N run element has two-piece interlocking-key with lifting eye that simplifies hotline installations. Catalog number does not include mating terminal.





H-31

Catalog Number	ACSR, 6201, 5005	Copper	Aluminum	Fig. No.	L	T	Die Index	Tools, Die Set Catalog Number, & (Number of Crimps per End)					
								MD7, MD6	Y35, Y750	Y45†	Y46‡	Y48B	Y60BHU
YTA2R-2N	2	2 (3, 7) 1 (7)	2 (7) 1 (7)	1	6-1/8	3/8	BG or 243	BG (2) W-BG (1)* W243 (2)	U-BG (1)* U243 (1)	—	—	—	—
YTA25R-2N	1/0	1/0 (7, 12, 19)	1/0 (7, 19)			1/2	659 C, 247	W-C (4) W247 (1)	U659 (1) U-C (1)* U247(1)				
YTA26R-2N	2/0	2/0 (7, 12, 19)	2/0 (7, 19)		7-7/8		L or 251	W-L (4)	U-L (2) U251 (3)				
YTA27R-2N	3/0	3/0 (7, 12, 19)	3/0 (7, 19)										
YTA28R-2N	4/0	4/0 (7, 12 19)	4/0 (7, 19)										
YTA321R-2N	300 (26-7) 336.4 (18-1)	350 (19, 37)	336.4 (19, 37, 61) 350 (19, 37, 61)		9-1/2		M	—	U-M (3) U317 (4)				
YTA33R-2N	336.4 (26-7, 30-7) 397.5 (18-1)	400 (19, 37)	397.5 (19, 37, 61) 400 (19, 37, 61)										
YTA361R-2N	477 (18-1)	—		2	13-1/8								
YTA37R-2N	477 (24-7, 26-7, 30-7)		556.6 (19, 37)						U-M (5)				
YTA39R-2N	556.5 (24-7, 26-7)		636 (37) 650 (61)		16-1/4		608		U608 (9)			C608 (3)	L608 (3)
YTA43R-2N	605 (30-19) 605 (30-9) 636 (24-7, 26-7, 30-19) 666.6 (24-7)		795 (37, 61)		16-1/2	3/4	292 or 319		—	S292 (9) S319 (9)	P292 (9) P319 (9)	C292 (3) C319 (3)	L292 (3) L319 (3)
YTA391A-2N	—						342			S342 (9)	P342 (9)	C342 (3)	L342 (3)

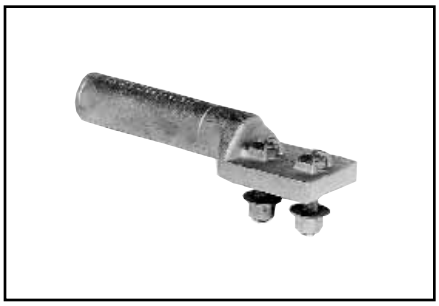
* Multiple crimp die set, makes more than one crimp per tool compression. Figure indicates number of compressions.
† U Die with adapter PT-6515.
‡ U Die with adapter PUADP-1.

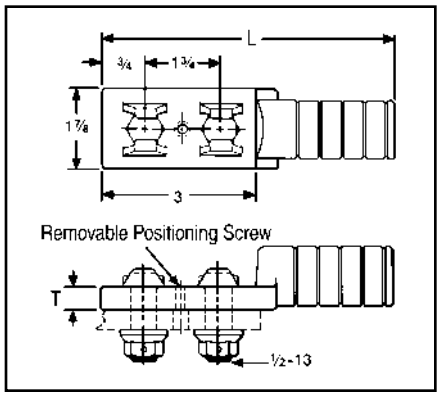
Blue highlighted items are industry standard and most frequently ordered.

TYPES YKA-R-2N & YKA-A-2N

DISCONNECTABLE TERMINAL (WITH FIXED HARDWARE)

For Copper, Aluminum, ACSR, 6201, 5005, Compressed and Compact Conductors





Aluminum compression terminal with fixed hardware and positioning pin for making disconnectable tap or jumper connections. Used with slotted YTA-R-2N T-tap or YSA-R-2N terminal. Supplied with aluminum bolts and washer-face, self locking nuts. Prefilled with PENETROX™ joint compound and capped.

Catalog Number	ACSR, 6201, 5005	Copper	Aluminum	L	T	Bolt Length	Die Index	Tools, Die Set Catalog Number, & (Number of Crimps)				
								MD7, MD6	Y35, Y750	Y45†	Y46‡	Y48B	Y60BHU
YKA2R-2N	2	1 (7) 2 (3, 7)	1 (7) 2 (7)	5-1/2	3/8	1-3/4	BG or 243	BG (8) W-BG (4)* W243 (4)	U-BG (3)* U243 (2)	—	—	—	—
YKA25R-2N	1/0	1/0 (7, 19)	1/0 (7, 19)	5-5/8			C or 659	W-C (6) —	U-C (3)* U659 (2)	—	—	—	—
YKA26R-2N	2/0	2/0 (7, 19)	2/0 (7, 19)	6			L or 251	—	U-L (2) U251 (3)	—	—	—	—
YKA27R-2N	3/0 110.8 (12-7)	3/0 (7, 19)	3/0 (7, 19)										
YKA28R-2N	4/0	4/0 (7, 19)	4/0 (7, 19)										
YKA30R-2N	266.8 (18-1, 6-7, 26-7)	250 (12, 19, 37) 300 (19, 37)	250 (7, 37) 266 (19)	7-1/4			M or 317	—	U-M (3) U317 (4)	—	—	—	—
YKA321R-2N	336.4 (18-1) 300 (26-7)	350 (19, 37)	300 (37, 61) 350 (37, 61)										
YKA33R-2N	336.4 (26-7, 30-7) 397.5 (18-1)	—	397.5 (19) 400 (37)										
YKA361R-2N	397.5 (26-7, 30-7) 477 (18-1)	—	477 (19, 37) 500 (37, 61)										
YKA37R-2N	477 (24-7, 26-7, 30-7)	—	556.5 (19, 37)	7-3/8			M	—	U-M (3)	—	—	—	—
YKA34CA-2N	397.5 (26-7, 30-7) 477 (18-1)	500 (19, 37)	477 (19, 37) 500 (37, 61)				352 or 579	—	—	S352 (9) S579 (9)	P352 (9) P579 (9)	C352 (3) C579 (3)	L352 (3) L579 (3)
YKA391A-2N	—	—	795 (37, 61)	9-1/2	3/4	2-1/2	342	—	—	S342 (9)	P342 (9)	C342 (3)	L342 (3)

* Multiple crimp die set, makes more than one crimp per tool compression. Figure indicates number of compressions.
† U Die with adapter PT-6515
‡ U Die with adapter PUADP-1.

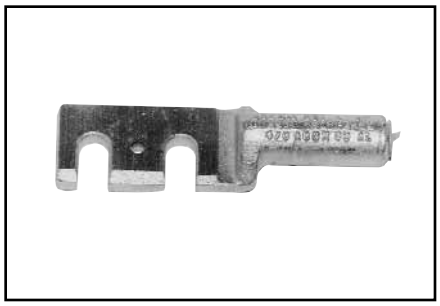
Blue highlighted items are industry standard and most frequently ordered.

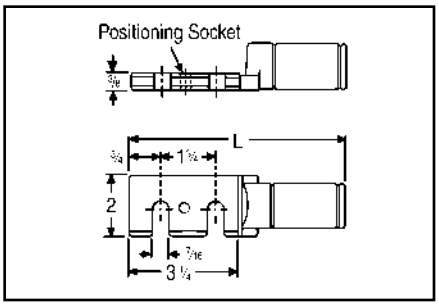
TYPE YSA-R-2N

DISCONNECTABLE TERMINAL (WITH SLOTTED PAD)

For Copper, Aluminum, ACSR, 6201, 5005, Compressed and Compact Conductors

Aluminum compression terminal with slotted pad and positioning socket for making disconnectable tap or jumper connections. Used with YKA-R-2N fixed hardware terminal.





Pre-filled with PENETROX™ joint compound and capped.

Catalog Number	ACSR, 6201, 5005	Copper	Aluminum	L	Die Index	Tools, Die Set Catalog Number, & (Number of Crimps)	
						MD7, MD8	Y35, Y750, Y45†, Y46‡
YSA2R-2N	2	2 (3, 7) 1 (7)	2 (7) 1 (7)	6-1/4	BG or 243	BG (8) W-BG (4)* W243 (4)	U-BG (3)* U243 (2)
YSA25R-2N	1/0	1/0 (7, 19)	1/0 (7, 19)		C or 659	—	U-C (3)* U659 (2)
YSA26R-2N	2/0	2/0 (7, 19)	2/0 (7, 19)	6-5/8	L or 251	—	U-L U251
YSA28R-2N	4/0	4/0 (7, 19)	4/0 (7, 19)				
YSA30R-2N	266.8 (18-1, 6-7, 26-7)	250 (12, 19, 37) 300 (19, 37)	250 (37) 266.8 (7, 19)	7-3/4			
YSA321R-2N	336.4 (18-1) 300 (26-7)	350 (19, 37)	300 (37, 61) 350 (37, 61)		M or 317	—	U-M (3) U317 (4)
YSA37R-2N	477 (24-7, 26-7, 30-7)	—	556.5 (19, 37)	7-7/8	M	—	U-M (3)

* Multiple crimp die set, makes more than one crimp per tool compression. Figure indicates number of compressions.

† U Die with adapter PT-6515

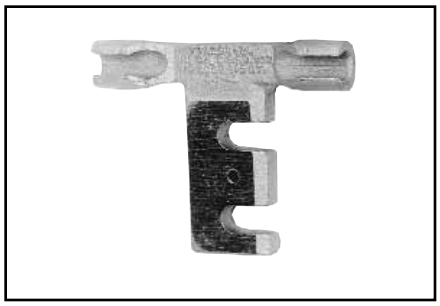
‡ U Die with adapter PUADP-1.

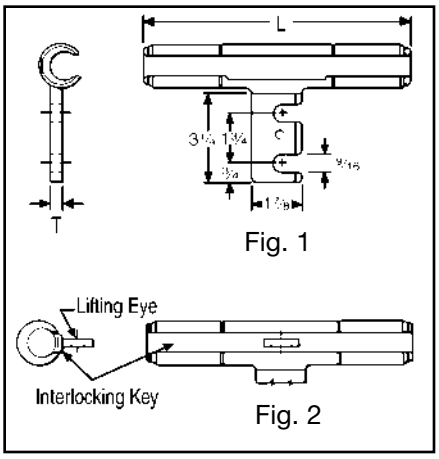
TYPE YTA-2N

DISCONNECTABLE T-TAP

For Copper

Cast copper primary t-tap connector with slotted tap pad for easy disconnecting of tap conductor. Tap pad accommodates compression terminal Type YKA-2N. On sizes larger that 4/0, the YTA-2N run element has a two-piece, interlocking-key with lifting eye that simplifies hot installations. Catalog number does not include terminal or hardware.





Catalog Number	Conductor	Fig. No.	C	L	T	Die Index	Tools, Die Set Catalog Number, & (Crimps per End)			
							MD7, MD6	Y35, Y750, Y45†, Y46‡	Y48B	Y60BHU
YTA2C-2N	2 (7)	1	1-1/2	5-5/8	3/8	163	W163 (3) Crimps Overlap	U163 (1)*	—	—
YTA26-2N	2/0 (7, 19)			7-3/8		166	W166 (6)	U166 (3)		
YTA28-2N	4/0 (7, 12, 19)			7-5/8		168	—	U168 (4)		
YTA34-2N	500 (19, 37, 61)	2	2	11-7/8	1/2	210		U210 (6)	C210 (2)	L210 (2)

* Multiple crimp die set, makes more than one crimp per tool compression. Figure indicates number of compressions.

† U Die with adapter PT-6515

‡ U Die with adapter PUADP-1.

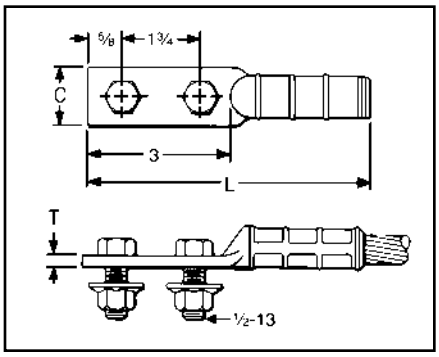
Blue highlighted items are industry standard and most frequently ordered.

TYPE YKA-2N

DISCONNECTABLE TERMINAL (WITH FIXED HARDWARE)

For Copper

Tin-plated copper compression terminal with fixed hardware for making disconnectable tap or jumper connections. Used with slotted YTA-2N T-tap or YSA-R-2N terminal. Supplied with tin-plated DURIUM™ bolts and washer-face nuts.



Catalog Number	Conductor	C	L	T	Die Index	Tools, Die Set Catalog Number, & (Number of Crimps)			
						MD7, MD6	Y35, Y750, Y45†, Y46‡	Y48B	Y60BHU
YKA6C-2N	6 (7)	7/8	5	3/8	163	W163 (2) Crimps Overlap	U163 (1)*	—	—
YKA2C-2N	2 (7)								
YKA26-2N	2/0 (7, 19, 37)	1	5-1/4	1/4	166	W166 (4)	U166 (3)		
YKA28-2N	4/0 (7, 12, 19, 37)	1-1/4	5-3/8	3/8	168	—	U168 (3)	C168 (1)	L168 (1)
YKA30-2N	300 (19, 37, 61)	1-1/2	5-1/2		170		U170 (5)	C170 (1)	L170 (1)
YKA34-2N	500 (19, 37, 61)	1-7/8	6-1/2	1/2	210		U210 (6)	C210 (2)	L210 (2)
YKA44-2N	1000 (61)	2	7-5/8	1/2	345		—	C345 (4)	L345 (4)

* Multiple crimp die set, makes more than one crimp per tool compression. Figure indicates number of compressions.
† U Die with adapter PT-6515
‡ U Die with adapter PUADP-1.

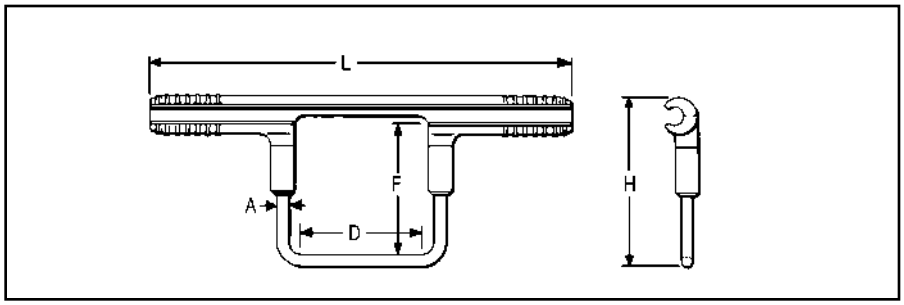
TYPE YCB-R

STIRRUP HOT-LINE CLAMP ADAPTERS

For Aluminum, ACSR, 6201, 5005, Compressed and Compact Conductors

Permanent compression hot-line clamp adapter with aluminum run and copper bail. Accommodates any standard copper hot-line clamp on bail elements. Permits hot-line tapping without arcing or chafing damage to aluminum conductor. Installed with standard tools and dies.





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Catalog Number	Aluminum	ACSR, 6201, 5005	A	H	L	D	F	Die Index	Tools, Die Set Catalog Number, & (Crimps per End)	
									MD7, MD6	Y35, Y750, Y45†, Y46‡
YCB2R	2 Str. - 6 Sol.	2 - 4	2 Sol.	3-3/4	9	2-1/2	2-1/2	BG	BG (6) W-BG (2)*	U-BG (2)*
YCB25R	1/0 (7, 19)	1/0 - 80 (8-1)		5	9-3/4		3-1/2	C	W-C (4)	U-C (2)*
YCB26R	2/0 (7, 19)	2/0	1/0 Sol.		11-1/8	3-1/2		L	W-L (4)	U-L (2)
YCB27R	3/0 (7, 19)	3/0								
YCB28R	4/0 (7, 19)	4/0								
YCB321R	350 (19, 37) 336.4 (19, 37)	336.4 (18-1) 300 (26-7)		5-3/8	12-3/4			M	—	U-M (3)
YCB33R	400 (19, 37) 397.5 (19, 37)	336.4 (26-7, 30-7) 397.5 (18-1)								
YCB35R	500 (37, 61) 477 (19, 37)	397.5 (26-7) (30-7)								
YCB361R	477 (19, 37)	477 (18-1)		5-1/4	13-1/4			317		U317 (3)

* Multiple crimp die set, makes more than one crimp per tool compression. Figure indicates number of compressions.
† U Die with adapter PT-6515
‡ U Die with adapter PUADP-1.

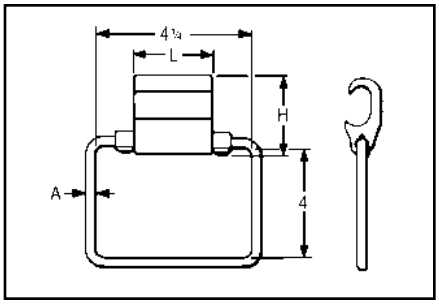
Blue highlighted items are industry standard and most frequently ordered.

TYPES YCB-U & YCB-R-U

CRIMPIT™ STIRRUP

Hot-Line Clamp Adapter for Aluminum, ACSR, 6201, 5005, Compressed and Compact Conductors





Combines Figure "6" -shaped aluminum CRIMPIT™ tap connector with tin-plated copper bail. Can be gripped in tool and slipped over line for easy installation. Five sizes take range from #4 to 600 Mcm. Pre-filled with PENETROX™ joint compound and Stripsealed.

H-36

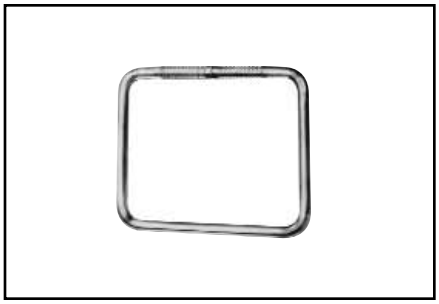
Catalog Number	Aluminum	ACSR, 6201, 5005	A	H	L	Die Index	Tools, Die Set Catalog Number, & (Number of Crimps)		
							Y35, Y750	Y45	Y46
YCB4U1	4 Sol. - 4 (7)	4	2 Sol.	1-1/2	1-7/8	D*	U-D (2)	†	‡
YCB1U1	2 (7) - 1 (7)	2		1-5/8					
YCB28U26	1/0 (7) - 4/0 (19)	1/0 - 4/0		2	2-1/8	H	U-H (2)		
YCB33R26U	300 (37) - 400 (37)	266.8 (6-7) - 336.4 (30-7)		2-1/4		R	U-R (2)		
YCB38R26U	397.5 (19) - 600 (61)	336.4 (26-7) - 556.5 (18-1)	1/0 Sol.			N	U-N (2)	S-N (2)	P-N (2)

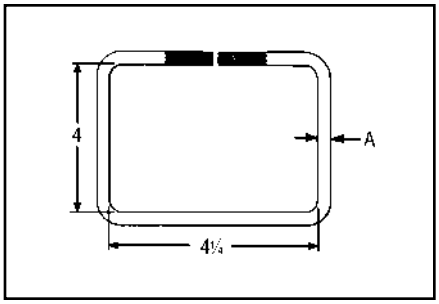
* Index number "D" is not "D3" Cabelok CRIMPIT™ die.
† U Die with adapter PT-6515
‡ U Die with adapter PUADP-1.

TYPES J990 & J1252

HOT-LINE CLAMP BAILS

Designed to make hot-line clamp adapter using HYCRIMP™, CABELOK CRIMPIT™ or Figure "6" -Shaped CRIMPIT™ connectors. Where hot sticks are used, the CABELOK CRIMPIT™ or Figure "6" -shaped CRIMPIT™ are recommended. The line can be approached with the connector and bail held in the tool. Bails are tin-plated, hard drawn copper.





Recommended Connector & Bail Combinations						
HYCRIMP™ Cat. No.	CABELOK™ CRIMPIT™ Cat. No.	Bail	A	Run Conductors Accommodated*		
				Sol. Al	Str. Al	ACSR
YHO-100	YP2U3	J990	#2	6 - 2	6 - 3 (7 Str.)	6, 4
YHO-150	YP26AU2			1 - 2/0	3 (3 Str.) - 1/0	3 - 1/0
YHD-200	YP27AU4			3/0, 4/0	2/0 - 3/0	1/0, 2/0
YHD-250	YPC28U4			—	4/0	3/0, 4/0
YHD-300	YP27AU26	J1252	2/0	3/0	2/0, 3/0	2/0
YHD350	YP28U26				4/0	3/0, 4/0
—	YPC28U26	J990	#2	—	1/0 (7) - 4/0	1/0 - 4/0
		J1252	2/0			
YHN-500	YPC33R26U	J990	#2		250 (37)	266.8 (18-1)
		J1252	2/0		400 (37)	397.5 (18-1)

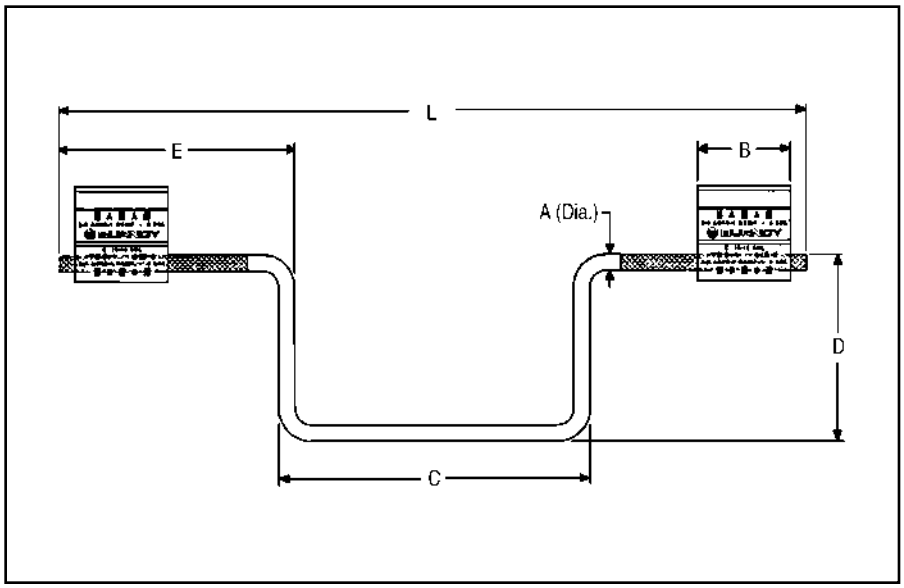
* For additional run conductors see specific connector catalog page.

Blue highlighted items are industry standard and most frequently ordered.

TYPES YHO-J, YHD-J, YHN-J

HYCRIMP™ STIRRUP

Utilizing H-Framed Aluminum Tap Connectors with tin-plated copper bail. Bendable tabs secure run and bail freeing the lineman's hands to work with the installation tool conductor grooves. Prefilled with PENETROX™ joint compound.



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Catalog Number	Run Conductor Accommodates			A	B	C	D	E	L	Die Index	Tools, Die Set Catalog Number, & (Number of Crimps)	
	Sol. Al	Str. Al	ACSR								MD7-8 MD6-8 ①	Y35, Y750, Y45†, Y46‡
YHO100J1444	6 - 1	6 - 1 (7 Str.)	6 - 2	2 Sol. (.258 dia.)	1.50	5.00	3.00	3.75	12.0	0	(4)	U-O (2)
YHO150J1444	1 - 2/0	3 - 2/0	3 - 1/0		1.75	5.00	3.00	3.75	12.0	0	(5)	U-O (2)
YHD200J1444	3/0 - 4/0	2/0 - 3/0	1/0 - 2/0		1.88	5.00	3.00	3.75	12.0	D3	(5)	UD-3 (2)
YHD250J1444	250 - 300	4/0	3/0 - 4/0		1.88	5.00	3.00	3.75	12.0	D3	(5)	UD-3 (2)
YHD300J1496	2/0 - 4/0	#1 (Str.) - 3/0	#1 - 2/0	2/0 Sol. (.365 dia.)	1.88	5.00	4.75	5.62	15.5	D3	(5)	UD-3 (2)
YHD350J1496	250 - 300	3/0 - 4/0	3/0 - 4/0		2.50	5.00	4.75	5.62	15.5	D3	(7)	UD-3 (2)
YHN500J1496	—	4/0 - 500	4/0 - 477 (18/1)		2.00	5.00	4.75	5.62	15.5	N	—	U-N (2)

① Permanent dies in tool install all sizes.
† U Die with adapter PT-6515
‡ U Die with adapter PUADP-1.

Blue highlighted items are industry standard and most frequently ordered.

TRANSFORMER AND EQUIPMENT TAP CONNECTORS

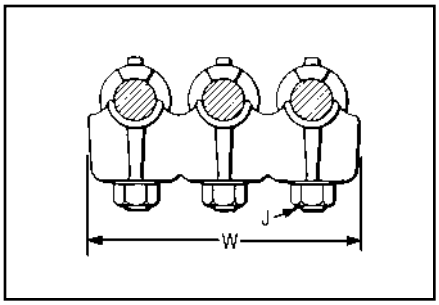
Transformer and equipment tap connectors are specifically designed to provide single or multi-tap connections from secondary transformer outlets, disconnects, circuit breaker panels, and other equipment pads or bar.

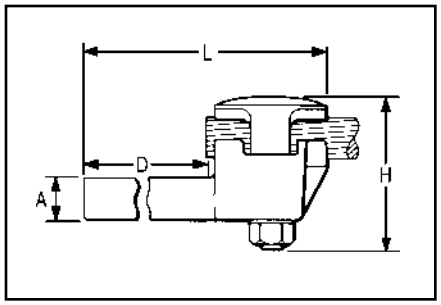
TYPE E-C-G

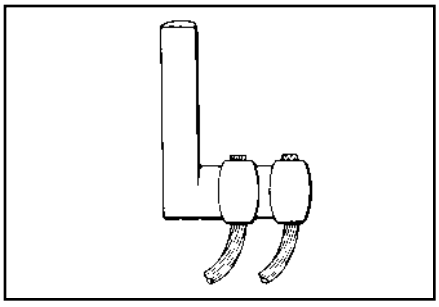
TRANSFORMER TAP ADAPTER

For Copper

Multi-tap, range-taking cast copper alloy connector designed to take 2, 3, or 4 conductors from a single secondary transformer outlet.







Catalog Number	Number of Conductors	Conductor Size	A Dia.	D	H	J	L	W
E2C34G1	2	1/0 Sol. - 500	.78	3-3/4	3-7/8	1/2-13	6-1/4	3-1/2
E3C34G1	3							5-1/4
E4C34G1	4							6-7/8

Blue highlighted items are industry standard and most frequently ordered.

TYPE KC22J12T13, EQC632C

TRANSFORMER GROUND CONNECTORS

For Copper

Fits all standard EEI-NEMA distribution transformers as a tank grounding terminal.

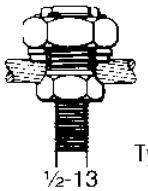




Type EQC632C

Catalog Number	Ranges
KC22J12T13	8 Sol. - 2 Sol.
KC26	2 Sol. - 2/0 Str.
KC34J12T13	3/0 - 500 Str.
EQC632C	8 Sol. - 2 Str.

Both, one-wrench installation.



Type KC22B2

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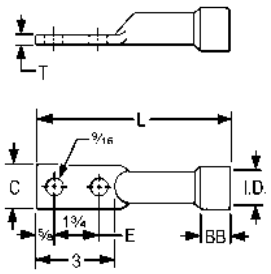
TYPE YA-2LH

HYSEALUG™

Terminal for Copper

Tin-plated, pure copper 2-hole NEMA compression terminal with shrouded barrel for terminating insulated copper conductor to transformers and other equipment. Shroud prevents seepage of water or moisture into conductor strands and minimizes taping.





Catalog Number	Conductor	BB	Shroud Inside Diameter	C	L	T	Tools, Die Set Catalog Number, & (Number of Crimps)	
							MD7, MD6	Y35, Y750, Y45†, Y46‡
YAB4C-2LH72	4 Str.	5/8	.57	3/4	6-1/4	1/8	W161 (2)	U4CRT (2)
YAB2C-2LH74	2 Str.	3/4	.58		6-1/2		W162 (4)	U2CRT (2)
YAB2C2LH75			.91					
YAB25-2LH70	1/0 Str.	1	.69	7/8	6-3/4	3/8	W163 (4)	U25RT (2)
YAB25-2LH71			.98					
YA26-2LH89	2/0 Str.		1.04		6-1/4		W241 (2)	U26RT (2)
YA28-2LH114	4/0 Str.		.86	1	6-5/8	1/8	W-BG or W243 (2)	U28RT (2)
YA28-2LH115			1.24					
YA29-2LH91	250		1.25	1-1/8			W166 (4)	U29RT (2)
YA30-2LH85	300	1-1/4	.92	1-1/4	7		—	U30RT (2)
YA31-2LH90	350		1.40	1-3/8	7-5/8		W-0 (5)	U31RT (2)
YA34-2LH110	500	1-1/2	1.14	1-1/2	7-3/4	1/4	—	U34RT (2)
YA34-2LH111			1.88					

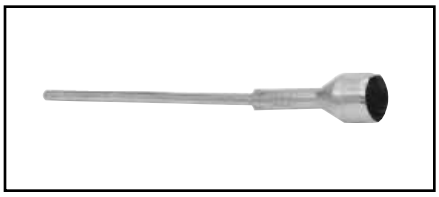
† U Die with adapter PT-6515
‡ U Die with adapter PUADP-1.

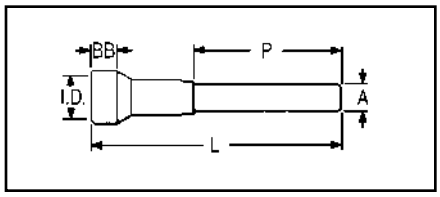
TYPE YE-LH

HYSEALPLUG™

Terminal Plug for Copper

Oil and water-tight terminal with shrouded, tin-plated, copper barrel and brazed plug. Recommended for terminating insulated copper conductor at cutout, transformer and arrestor; or for joining insulated copper riser to overhead conductor. Shroud prevents seepage of water or moisture into conductor strands and minimizes taping. To obtain a tight fit on some insulations in the shroud it may be necessary to either "pencil" the insulation down, or build it up with tape.





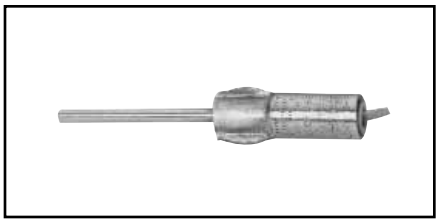
Catalog Number	Conductor	BB	Shroud Inside Dia.	A Dia.	L	P	Tools, Die Set Catalog Number, & (Number of Crimps)	
							MD7, MD6	Y35, Y750, Y45†, Y46‡
YE2C-LH128	2 Str.	3/4	.58	2 Sol.	9	6	W162 (4)	U2CRT (2)
YE2C-LH129			.91					
YE25-LH97	1/0 Str.	1	.98	1/0 Sol.	11-1/8	8	W163 (4)	U25RT (2)
YE26-LH88	2/0 Str.		.73	2/0 Sol.	11-3/8		W241 (2)	U26RT (2)
YE26-LH89			1.04					
YE28-LH128	4/0 Str.		1.24	4/0 Sol.	11-1/2		W-BG or W243 (2)	U28RT (2)
YE31-LH96	350	1-1/4	1.03		12-1/4		W-0 (5)	U31RT (2)
YE34-LH119	500	1-1/2	1.14		13-1/4		—	U34RT (2)
YE34-LH120			1.88					

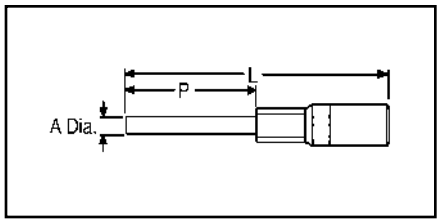
† U Die with adapter PT-6515.
‡ U Die with adapter PUADP-1.

TYPES YE-R, YE-W

HYPLUG™

Terminal Plug for Aluminum and ACSR





In 1989 BURNDY® began shipping an improved pin type connector. A proprietary coating system was developed through intense research efforts which vastly prolongs the life of this type of connection. To help identify the new product a hex shaped crimp is now used on the pin interface crimp and BURNDY's overhead color coded end caps are utilized.

Aluminum HYPLUG™ with tin-plated copper plug for terminating aluminum or ACSR cable at cut-out, transformer and arrestor. Plug may be bent to desired angle for easier insertion. Three die sets accommodate 4 Str.-500 kcmil. Terminals are pre-filled with PENETROX™ A-13 joint compound and sealed with color coded end caps.

Catalog Number	Conductor		A Dia.	L	P	Color Code	Die Index	Tools, Die Set Catalog Number, & (Number of Crimps)*			
	Aluminum	ACSR						MD7, MD6	Y750, Y35, Y45†, Y46‡	Y48BH	Y60BH
YE6R-25	5, 6 Str.	6	4 Sol.	4-5/8	2-1/2	Blue	BG or 243	BG WBG W243	U-BG U243 UK5/8-1T	C243	L243
YE4R-25	3, 4 Str.	4				Orange					
YE1WAG1	#1 Sol. (.289)	—	.257	8.58 (218)	6	Red					
YE2WAG5	#2 Sol. (.258)	—				Orange					
YE2R-25	1, 2 Str.	2	2 Sol.	4-5/8	2-1/2	Red	5/8 - 1				
YE25R-25	1/0 Str.	1/0	2 Sol.			Yellow					
YE26R-60	2/0 Str.	2/0	1/0 Sol.	9-1/2	6	Gray	249 or 840	W249 or W-K840	U249 U-K840T	C249	L249
YE27R-60	3/0 Str.	3/0				Black					
YE28R-60	4/0 Str.	4/0	3/8	10-5/8		Pink					
YE30R-60	300	266.8 (26/7) (18/1)	4/0 Sol.			Blue	317, 705, 1-1/8 - 1	—	U317 U705 U-K1-18-1T	C317	L317
YE32R-60	350 - 400	336.4 (26/7) (18/1)				Green					
YE361R-60	477, 500	477 (18/1)	9/16			Pink					
YE39R-60	600	556.5 (24/7) (26/7)	5/8	11-7/8	6	Yellow	608	—	U608	C608	L608

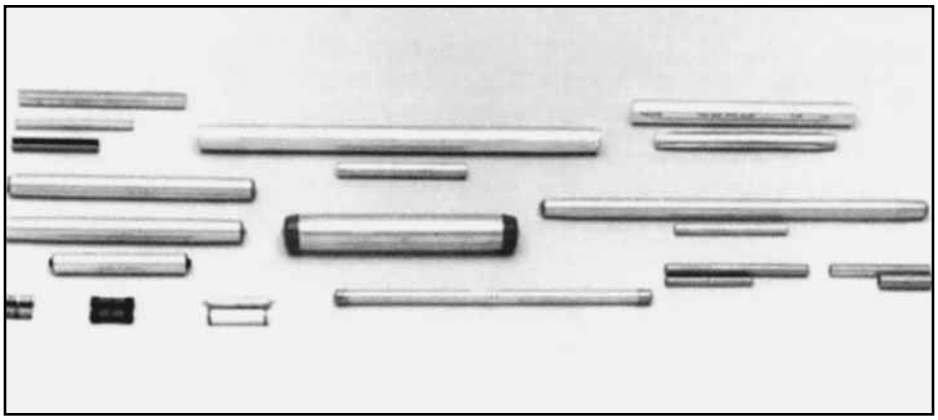
* All crimps overlap
† U Die with adapter PT-6515.
‡ U Die with adapter PUADP-1.

• BURNDY® furnishes many special versions of YE-R including: pin length variations, factory applied pin angles, etc. Contact your BURNDY® representative for your special needs.

Blue highlighted items are industry standard and most frequently ordered.

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Blue highlighted items are industry standard and most frequently ordered.

COMPRESSION SPLICES

BURNDY® service, full-tension, and jumper sleeves provide a dependable, economical, and easy-to-install method of splicing overhead transmission and distribution lines.

A major part of the Total Burndy Compression Program, they are available for copper, aluminum, ACSR, COPPERWELD, ALUMOWELD, Steel, 6201, 5005, ACSR/AW, AWA, and compressed forms for aluminum and ACSR. Each is clearly marked with the installation Die Index number and knurls are provided which show the installer the correct number of crimps and the spacing required. Connections made with BURNDY® INSULINK™ and HYSPLICE™ sleeves have a lower resistance than an equal length of conductor.

HYSPLICE™ sleeves are tapered or chamfered at the ends; externally to provide gradual reduction of pressure on the conductor, and internally to facilitate conductor insertion.

Service Sleeve Design
Service entrance connectors are available insulated (INSULINK™) or uninsulated (LINKIT™). Both are installed with the one-hand OH25 and OUR840 HYTOOL™ or the MD6 HYTOOL™. The INSULINK™ feature polyethylene caps which seal out dirt and moisture, and grip the cable insulation leaving both hands free for crimping. The aluminum insert is anchored to the Nylon jacket so that it will not move when crimped, ensuring that the insert is always under the die. The jacket is color coded for easy identification of conductor size.

The aluminum LINKIT™ minimizes the effects of galvanic corrosion. It is designed for easy location of crimps, and is color coded.

The service HYSPLICE™ connectors are partial-tension sleeves for splicing the neutral conductor of triplex service. They are installed with MD6, OUR840 and the OH25 HYTOOL™ on aluminum and ACSR conductors from 6 to 1/0.

Copper HYSPLICE™ Sleeve Design
Full-tension holding strength and high conductivity of BURNDY® copper HYSPLICE™ sleeves are accomplished through the combined action of correct contact length, proper number of circular crimps of precisely controlled depth that perform a current carrying and keying function between the conductor and the sleeve.

Aluminum HYSPLICE™ Sleeve Design
HYSPLICE™ sleeves for aluminum conductor not only satisfy the basic tension requirements, but also deal with the problems of “cold flow” of aluminum and the oxide film which forms on the strands. “Cold flow” is compensated for by carefully coordinating the design of the sleeve and its associated installation die. To offset the effects of the non-conductive oxide film present on the surfaces of aluminum cable, BURNDY® HYSPLICE™ sleeves are pre-filled with PENETROX™ joint compound and capped or stripsealed. A solid center barrier forces the PENETROX™ around the cable strands during insertion.

ACSR HYSPLICE™ Sleeve Design
Two-piece, Full-tension HYSPLICE™
Two-piece, full-tension HYSPLICE™ for ACSR consists of an inner steel sleeve for joining the steel core, and an outer aluminum sleeve for connecting the aluminum strands. To install the two-piece HYSPLICE™, the cable is cut, the aluminum sleeve slid onto the cable, aluminum strands cut back and the steel sleeve installed. The aluminum sleeve is then centered over the steel sleeve, PENETROX™ joint compound injected (PENETROX™ is brushed on cable prior to centering aluminum sleeve on smaller sizes), and the sleeve is crimped.

Single-sleeve, Full-tension UNISPLICE™
The UNISPLICE™ is as easy to install as aluminum full-tension sleeves. The single, heavy walled aluminum sleeve is filled with a special inhibiting compound containing grit particles which key the steel strand in place. The UNISPLICE™ eliminates cutting back of aluminum strands, the need for a separate steel sleeve, and careful positioning of the aluminum outer sleeve before crimping.

Since the standard pull-out tests are inadequate for evaluating UNISPLICE™ performance, BURNDY® has developed the sustained- tension test that subjects a connector-conductor assembly to a 168 hour sustained load equal to 90% of the conductor strength. This test simulates a service life of 30-40 years at 60% of the conductor strength.

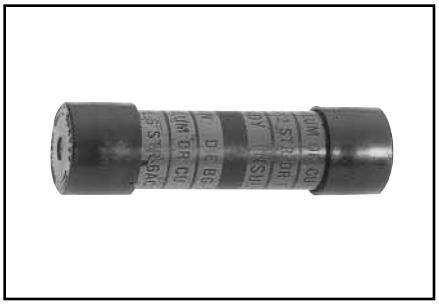
Jumper Sleeves
Since the holding strength required for jumper sleeves is less than that required for full-tension sleeves, the jumper HYSPLICE™ sleeve is shorter. Aluminum, ACSR, sleeves are pre-filled with PENETROX™ joint compound and installed with the same tools and dies as the full-tension sleeves.

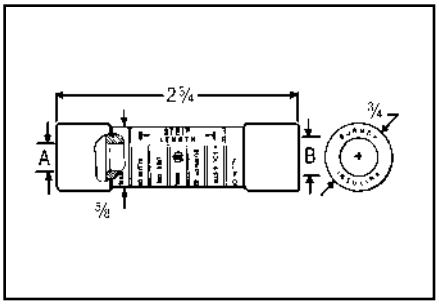
TYPES ES

INSULINK™

Service Entrance Sleeve for Insulated Combinations of Copper, Aluminum, ACSR Compressed

For use in overhead distribution applications.





Pre-insulated service entrance compression connector installed with OH25, OUR840 and MD6 HYTOOL™ as well as Y35 and Y750 HYPRESS™ tools. Polyethylene caps prevent dirt from accumulating in barrel, grip cable for easy two-hand installation, and seal out moisture. Aluminum connector is anchored to jacket, assuring the connector is under the die when crimping. Nylon jacket insulates connector electrically and protects against water and weather. Superior color coding. Pre-filled with PENETROX™ joint compound. Do not use insulated sealed connectors on bare conductors. Refer to LINKIT™ type connectors.

RUS Accepted

H-43

Catalog Number	Side A • ACSR	Side A • Aluminum & Copper	Side A • Color Code	Side B • ACSR	Side B • Aluminum & Copper	Side B • Color Code	Die Index	Tools, Die Set Catalog Number, & (Crimps per End)
ES8W8W	—	10 Str. 8 Sol.	Brown	—	10 Str. 8 Sol.	Brown	BG or 5/8	HYTOOL™
ES6W8W	—	8 Str. 6 Sol. #8 AL Compt	Green	—	10 Str. 8 Sol.	Brown		Tool / Die / (Crimps per End)
ES6W6W	—			—	8 Str. 6 Sol. #8 AL Compt	Green		OH25 (1)
ES4W8W	6	5, 6 Str. 4 Sol.	Blue	—	10 Str. 8 Sol.	Brown		MD6, MD7 (3)
ES4W6W				—	8 Str. 6 Sol. #8 AL Compt	Green		MD6, MD7 W-BG (1)*
ES4W4W				6	5, 6 Str. 4 Sol.	Blue		OUR840 X-NBG (1)*
ES2W8W	4	3, 4 Str. 2 Sol.	Orange	—	10 Str. 8 Sol.	Brown		
ES2W6W				—	8 Str. 6 Sol. #8 AL Compt	Green		
ES2W4W				6	5, 6 Str. 4 Sol.	Blue		
ES2W2W				4	3, 4 Str. 2 Sol.	Orange		
ES2R8W	2	1 Str. 2 Str. #1 AL Compt #2 AL Compt	Red	—	10 Str. 8 Sol.	Brown		HYPRESS™
ES2R6W				—	8 Str. 6 Sol. #8 AL Compt	Green		Tool / Die / (Crimps per End)
ES2R4W				6	5, 6 Str. 4 Sol.	Blue		Y35 U-BG (1)*
ES2R2W				4	3, 4 Str. 2 Sol.	Orange		Y750
ES2R2R				2	1 Str. 2 Str. #1 AL Compt #2 AL Compt	Red		
ES25R6W	1/0, 1	1/0 Str. 1-19 Str.	Yellow	—	8 Str. 6 Sol. #8 AL Compt	Green		*Multiple crimp die set, makes more than one crimp per tool compression. Figure indicates number of compressions.
ES25R4W				6	5, 6 Str. 4 Sol.	Blue		
ES25R2W				4	3, 4 Str. 2 Sol.	Orange		
ES25R2R				2	2 Str. 1 Str. #1 AL Compt #2 AL Compt	Red		
ES25R25R				1/0, 1	1/0 Str.	Yellow		
ES25A25A	—	1/0 Str. ▲	Yellow	—				
ES25A4W	—			6	5, 6 Str., 4 Sol.	Blue		
ES25A2W	—			4	3, 4 Str., 2 Sol.	Orange		

˘ Not for use on bare conductors.

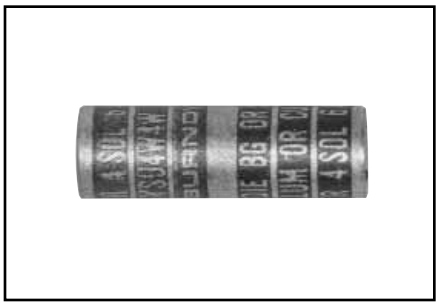
▲Accommodates 1/0 stranded aluminum and copper, concentric, compressed and compact conductors.

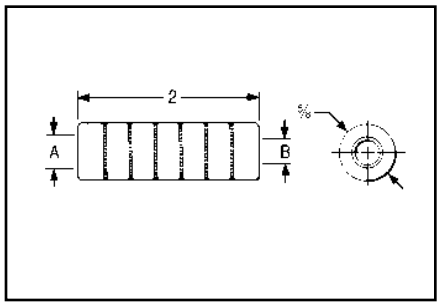
Blue highlighted items are industry standard and most frequently ordered.

TYPE YSU

5/8″ LINKIT™

Service Entrance Sleeve for Combination of Copper, Aluminum and ACSR Compressed





Heavy-walled aluminum tubing with solid barrier minimizes galvanic corrosion of conductors. Accommodates neutral strands of Type SE Service Entrance conductor as well as other conductors. Installed with standard tooling. Color Coded. Pre-filled with PENETROX™ joint compound and Stripsealed.

RUS Accepted

H-44

Catalog Number	Side A			Side B			Die Index	Tools, Die Set Catalog Number, & (Crimps per End)
	ACSR	Aluminum & Copper	Color Code	ACSR	Aluminum & Copper	Color Code		
YSU6W6W	—	8 Str. 6 Sol. #8 Al Compt	Green	—	8 Str. 6 Sol. #8 AL Compt	Green	BG or 5/8	HYTOOL™
YSU4W8W	6	5, 6 Str. 4 Sol. #4 Al Compt	Blue	—	8 Sol. 10 Str.	Brown		Tool / Die / (Crimps per End)
YSU4W6W				—	6 Sol. 8 Str. #8 AL Compt	Green		OH25 (1)
YSU4W4W				6	5, 6 Str. 4 Sol. #4 AL Compt	Blue		MD6, MD7 (3)
YSU2W8W	4	3, 4 Str. 2 Sol.	Orange	—	8 Sol. 10 Str.	Brown		MD6, MD7 W-BG (1)*
YSU2W6W				—	6 Sol. 8 Str. #8 AL Compt	Green		OUR840 X-NBG (1)*
YSU2W4W				6	5, 6 Str. 4 Sol. #4 AL Compt	Blue		
YSU2W2W				4	3, 4 Str. 2 Sol.	Orange		
YSU2R8W	2	2 Str. 1 Str. #1 Al Compt #2 Al Compt	Red	—	8 Sol. 10 Str.	Brown		HYPRESS™
YSU2R6W				—	6 Sol. 8 Str. #8 AL Compt	Green		Tool / Die / (Crimps per End)
YSU2R4W				6	5, 6 Str. 4 Sol. #4 AL Compt	Blue		Y35 U-BG (1)*
YSU2R2W				4	3, 4 Str. 2 Sol.	Orange		Y35L, Y750
YSU2R2R				2	2 Str. 1 Str. #1 AL Compt #2 AL Compt	Red		
YSU25R6W	1/0	1/0 Str. 2/0 Al Compt 1/0 Al Compt	Yellow	—	8 Str. 6 Sol. #8 AL Compt	Green		*Multiple crimp die set, makes more than one crimp per tool compression. Figure indicates number of compressions.
YSU25R4W				6	5, 6 Str. 4 Sol. #4 AL Compt	Blue		
YSU25R2W				4	3, 4 Str. 2 Sol.	Orange		
YSU25R2R				2	2 Str. 1 Str. #1 AL Compt #2 AL Compt	Red		
YSU25R25R				1/0	1/0 Str. 2/0 AL Compt 1/0 AL Compt	Yellow		
YSU25A25A	1-1	1/0 Str. ▲	Yellow	1/0	1/0 Str.	Yellow		

▲Accommodates 1/0 standard aluminum and copper concentric, compressed and compact conductors.

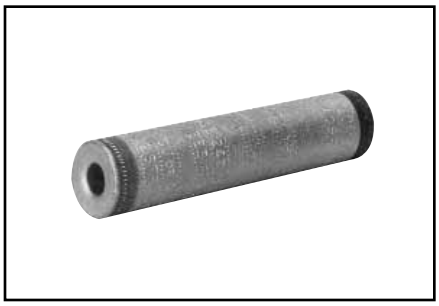
Blue highlighted items are industry standard and most frequently ordered.

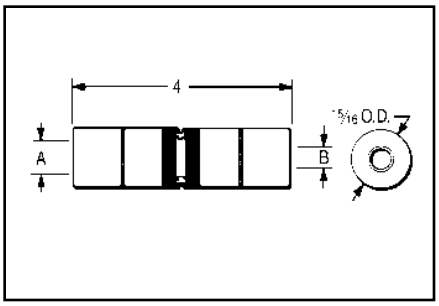
TYPE YSD

.840″ LINKIT™

Service Entrance Sleeve for Combinations of Copper, Aluminum, ACSR, 6201, 5005 and Compressed

Aluminum compression sleeve with solid center barrier. Designed for commercial and heavy residential services. Installed with standard tooling. Pre-filled with PENETROX™ joint compound, and capped.





RUS Accepted

Catalog Number	Side A			Side B			Die Index	Tools, Die Set Catalog Number, & (Crimps per End)
	ACSR, 6201, 5005	Aluminum & Copper	Color Code	ACSR, 6201, 5005	Aluminum & Copper	Color Code		
YSD25R25R	1/0	1/0 Str. 2/0 AL Compt	Yellow	1/0	1/0 2/0 AL Compt	Yellow		
YSD26R2W	2/0	2/0 Str. 3/0 AL Compt	Gray	4	3, 4 Str. 2 Sol. #2 AL Compt	Orange		
YSD26R2R				2	2 Str. 1 Str. 1/0 AL Compt	Red		
YSD26R25R				1/0	1/0 Str. 2/0 AL Compt	Yellow		
YSD26R26R				2/0	2/0 Str. 3/0 AL Compt	Gray		
YSD27R2W	3/0	3/0 Str. 4/0 AL Compt	Black	4	3, 4 Str. 2 Sol. #2 AL Compt	Orange	EEI	
YSD27R2R				2	2 Str. 1 Str. 1/0 AL Compt	Red	IIA	
YSD27R25R				1/0	1/0 Str. 2/0 AL Compt	Yellow		
YSD27R26R				2/0	2/0 Str. 3/0 AL Compt	Gray		
YSD27R27R				3/0	3/0 Str. 4/0 AL Compt	Black	249	
YSD28R2W	4/0	4/0 Str. 300 AL Compt	Pink	4	3, 4 Str. 2 Sol. #2 AL Compt	Orange	840	
YSD28R2R				2	2 Str. 1 Str. 1/0 AL Compt	Red		
YSD28R25R				1/0	1/0 Str. 2/0 AL Compt	Yellow		
YSD28R26R				2/0	2/0 Str. 3/0 AL Compt	Gray		
YSD28R27R				3/0	3/0 Str. 4/0 AL Compt	Black		
YSD28R28R				4/0	4/0 Str. 300 AL Compt	Pink		

HYTOOL™

Tool	Die	(Crimps per End)
MD6, MD7	WK-840	(7)
	W-249	(4)
OUR840	X840	(7)
	X249	(8)

HYPRESS™

Tool	Die	(Crimps per End)
Y35 Y750*	UK840	(4)
Y35 Y750*	U249	(2)

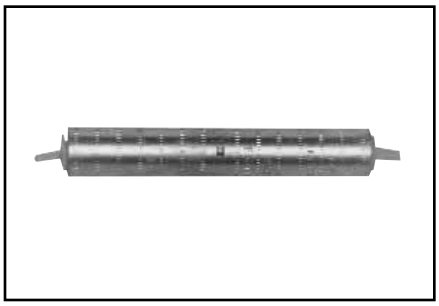
*Multiple crimp die set, makes more than one crimp per tool compression. Figure indicates number of compressions.

Blue highlighted items are industry standard and most frequently ordered.

TYPES YSS, YCS-R & YDS-AT

HYSPLICE™

For Aluminum, ACSR, 6201, 5005 and Compressed



Single aluminum sleeve designed for service drop or short span overhead distribution lines. Installed with OH25 one-hand tool, and other standard tooling. Pre-filled with PENETROX™ joint compound and color coded capped.

H-46

Catalog Number	Conductor	L	Holding Strength Lbs.	Die Index	Color Code	Tools, Die Sets Catalog Number, & (Crimps per End)		OH25 Applications	
						MD7, MD6	Y35, Y750, Y45†, Y46‡	Conductor	OH25 (Indents per End)
YSS6RG2	6 ACSR 4 Sol. Al	4.00	900 700	BG or 5/8	Blue	BG (6) W-BG (3)*	U-BG (3)*	—	—
YSS6R		4.72	900 700	162	Blue	W162 (4)	U162 (2)*	—	—
YDS4WA **YDS4CA**	4 Sol. Al 4 Str. Al (7)	2.62	750** 700**	162	Orange	W162 (4)	U162 (1)*	—	—
YSS4R	4 ACSR	3.78	1000	BG or 5/8	Orange	BG (6) W-BG (3)*	U-BG (3)*	4 7 Al 4 5005 Al 4 5005 Al 4 (6-1) ACSR 4 (6-1) ACSR 4 (7-1) ACSR 4 (7-1) ACSR 2 Sol. Al 2 Sol. Al	(3) (2) (3) (3) (2) (3) (2) (3) (2)
	2 Sol. Al		800						
	4 Al (7)		700						
YSS2R	2 ACSR		1600		Red			2 (6-1) ACSR 2 (7-1) ACSR 2 (7-1) ACSR 2 7 Al	(3) (3) (2) (3)
	2 Al (7)		1200						
YDS25AT	1/0 Al (7)	7.27	2000	BG, 5/8 or 243	Yellow	BG (12) W-BG (6)*	U-BG (6)*	1/0 7 Al	(4)
YCS25R	1/0 ACSR	7.09	2320					1/0 (6-1) ACSR 1/0 (6-1) ACSR	(2) (3)

* Multiple crimp die set; makes more than one crimp per tool compression. Figure indicates number of compressions.
** Holding strength values up to 800 lbs. are obtained when HYPRESS™ tools are used for installations.
† U Die with adapter PT-6515
‡ U Die with adapter PUADP-1.

Blue highlighted items are industry standard and most frequently ordered.

TYPE YCS-R

HYSPLICE™

Jumper Sleeve for ACSR, All Aluminum, 6201, 5005 and Compressed

HYSPLICE™ sleeve designed to withstand jumper loop tensile and vibration stresses. Made of aluminum with staked-in cable stop. Installed with same die as equivalent full-tension sleeves. Pre-filled with PENETROX™ joint compound.



RUS Accepted

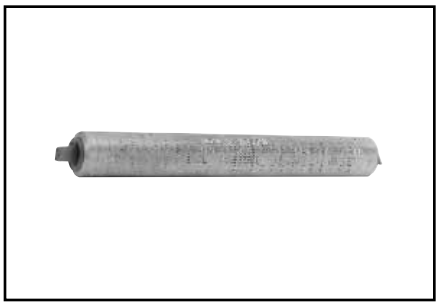
Catalog Number	Conductor		L	Die Index	Tools, Die Set Catalog Number, & (Crimps per End)					
	ACSR, 6201, 5005	All Aluminum			MD7, MD6	Y35, Y750	Y45	Y46	Y48B	Y60BHU
YCS4R	4	4 (7)	5	237	W237 (4)	U237 (2)	†	‡	—	—
YCS2R	2	2 (7)	5	239	W239 (4)	U239 (2)	†	‡	—	—
YCS25R	1/0	1/0 (7, 19)	7-1/8	243	WBG (10) or W243 (6)	UBG (6) or U243 (3)	†	‡	—	—
YCS26R	2/0	2/0 (7, 19)	7	245	W245 (6)	U245 (3)	†	‡	—	—
YCS27R	3/0 110.8 (12-7)	3/0 (7, 19)	5-3/4	247	W247 (6)	U247 (3)	†	‡	—	—
YCS28R	4/0	4/0 (7, 19)	5-3/4	249	W249 (6)	U249 (3)	†	‡	C249 (2)	L249 (2)
YCS30R	266.8 (6/7, 18/1, 26/7)	266.8	6.47	251	W251 (10)	U251 (6)	†	‡	C251 (3)	L251 (3)
YCS321R	336.4 (18-1) 300	336.4 (19)	6-1/2	490	—	U490 (5)	†	‡	C490 (3)	L490 (3)
YCS33R	336.4 (26-7, 30-7)	397.5 (19)	8-3/4	316	—	U316 (6)	†	‡	C316 (2)	L316 (2)
YCS35R	397.5 (18-1, 26-7, 30-7)	477 (19, 37) 500 (37, 61)	8-7/8	317	—	U317 (6)	†	‡	C317 (2)	L317 (2)
YCS361R	477 (18-1)	500 (37, 61)	8-1/4	327	—	U327 (6)	†	‡	C327 (2)	L327 (2)
YCS37R	477 (24-7, 26-7, 30-7) 556.5 (18-1)	556.5 (19, 37)	8-3/4	261	—	U261 (6)	†	‡	C261 (2)	L261 (2)
YCS39R	556.5 (24-7, 26-7)	—	10-3/4	608	—	U608 (9)	†	‡	C608 (3)	L608 (3)
YCS43R	605 (30-19) 636 (24-7, 26-7, 30-19) 666.6 (24-7, 54-7)	795 (37)	10-5/8	292 or 319	—	—	S292 (9) S319 (9)	P292 (9) P319 (9)	C292 (3) C319 (3)	L292 (3) L319 (3)
YCD453R	795 (36-1, 45-7)	—	10-5/8	292	—	—	S292 (9)	P292 (9)	C292 (3)	L292 (3)
YCS45R	795 (26-7, 54-7)	900 (61, 91)	10-5/8	352	—	—	S352 (9)	P352 (9)	C352 (3)	L352 (3)

† U Die with adapter PT-6515
‡ U Die with adapter PUADP-1.

TYPE YCS-RL

UNISPLICE™

Jumper Sleeve for ACSR, All Aluminum 6201, 5005 Compressed and Compact Conductors



Aluminum jumper sleeve, with cable stop, designed to be installed with same dies as equivalent full-tension UNISPLICE™. Withstands jumper loop-tensile and vibration stresses. Pre-filled with PENETROX™ joint compound and capped.

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Catalog Number	Conductor †††	L	Die Index	Tools, Die Set Catalog Number, & (Crimps per End)	
				MD7, MD6	Y35, Y750, Y45†, Y46‡
YCS25RL	1/0 ACSR (6-1) 1/0 6201 (7) 1/0 5005 (7) 1/0 AAC (7)	6-1/4	C or 247 or 702	W-C (12)	—
				—	U247 (3)
				W702 (4) NON-BOW*	—
YCS26RL	2/0 ACSR (6-1) 2/0 6201 (7) 2/0 5005 (7) 2/0 AAC (7)	5-5/8	659	—	U659 (3)
YCS28RL	4/0 ACSR (6-1) 4/0 6201 (7) 4/0 5005 (7) 4/0 AAC (7)	5-1/4	654	—	U654 (3)
YCS321RL	336.4 ACSR (18-1) 336.4 AAC (19)	5-1/4	655	—	U655 (3)
YCS341RL	397.5 AAC (19) 397.5 ACSR (18-1) 400 AAC (37, 61) 336.4 ACSR (18-1, 26-7, 30-7)	5-5/8	327	—	U327 (4)

* MD6 NON-BOW Dies produce straight sleeves without rotating tool.
† U Die with adapter PT-6515
‡ U Die with adapter PUADP-1.
††† Accommodates ACSR with aluminized steel core.

Blue highlighted items are industry standard and most frequently ordered.

TYPE YCS-A

JUMPER SLEEVE

For All Aluminum, Compressed and Compact Conductors

HYSPLICE™ sleeve designed to withstand jumper loop tensile and vibration stresses. Made of aluminum with staked-in cable stop. Installed with same die as equivalent full-tension sleeve. Pre-filled with PENETROX™ joint compound and capped.



Catalog Number	Conductor	L	Die Index	Tools, Die Set Catalog Number, & (Crimps per End)					
				MD7, MD6	Y35, Y750	Y45	Y46	Y48B	Y60BHU
YCS26A	2/0 (7)	5-1/8	245	W245 (4)	U245 (2)	†	‡	—	—
YCS28A	4/0 (7, 19)	4	249	W249 (4)	U249 (2)	†	‡	C249 (1)	L249 (1)
YCS301A	336.4 (19, 37)	4-3/8	321	—	U321 (3)	†	‡	C321 (2)	L321 (2)
YCS311A	397.5 (19)	5-5/8	468	—	U468 (4)	†	‡	—	—
YCS331A	477 (19, 37, 61)	6-14	317	—	U317 (6)	†	‡	C317 (2)	L317 (2)
YCS331A	500 (19, 37, 61)	6-1/4	317	—	U317 (6)	†	‡	C317 (2)	L317 (2)
YCS351A	556.5 (19, 37)	8-3/4	261	—	U261 (6)	†	‡	C261 (2)	L261 (2)
YCS361A	636 (37)	7-3/8	469	—	—	S469 (6)	P469 (6)	C469 (2)	L469 (2)
YCS391A	795 (37, 61)	10-1/2	342	—	—	S342 (9)	P342 (9)	C342 (3)	L342 (3)

† U Die with adapter PT-6515
‡ U Die with adapter PUADP-1.

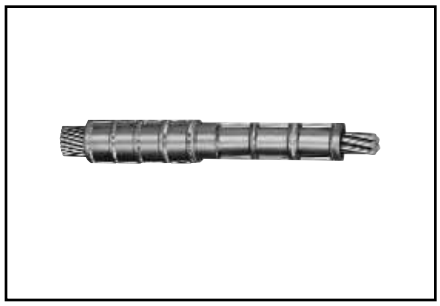
H-49

TYPE YCR

JUMPER SLEEVE REDUCER

For Copper Conductors

Copper sleeve designed to join different size copper conductors on transmission jumper applications. installed with same dies as full-tension sleeves.



Catalog Number	Copper Conductor		L	Tools, Die Set Catalog Number, & (Crimps per End)					Tools, Die Set Catalog Number, & (Crimps per End)				
				Die Index	Side A				Die Index	Side B			
	Side A	Side B			MD7, MD6	Y35, Y750, Y45†, Y46‡	Y48B	Y60BHU		MD6	Y35, Y750, Y45†, Y46‡	Y48B	Y60BHU
YCR2625	2/0 (7, 12, 19)	1/0 (7, 19)	3-3/8	166	W166 (6)	U166/U459	C166 (1)	L166 (1)	165	W165 (3)	U165/U205	C165 (1)	L165 (1)
YCR2725	3/0 (7, 19)	1/0 (7, 19)	3-1/2	167	—	U167/U568	C167 (1)	L167 (1)	165	W165 (3)	U165/U205	C165 (1)	L165 (1)
YCR2825	4/0 (7, 12, 19)	1/0 (7, 19)	3-3/8	168	—	U168 (3)	C168 (1)	L168 (1)	165	W165 (3)	U165/205	C165 (1)	L165 (1)

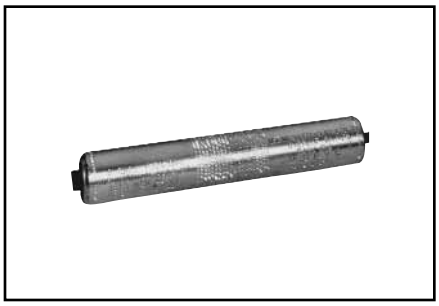
* Multiple crimp die set; makes more than one crimp per tool compression. Figure indicates number of compressions.
† UDie with adapter PT-6515.
‡ U Die with adapter PUADP-1.

Blue highlighted items are industry standard and most frequently ordered.

TYPE YCR-R-G

HYSPLICE™

Jumper Sleeve Reducer for ACSR, AAAC and Aluminum to Copper



Heavy-walled aluminum sleeve designed to connect all aluminum or ACSR to copper conductors, in all service conditions encountered in transmission and distribution. Sleeve has solid center barrier and is pre-filled with PENETROX™ joint compound and capped.

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Catalog Number	Side A		Side B		L	O.D.	Tools, Die Set Catalog Number, & (Crimps per End)		
	ACSR, 6201, 5005	Aluminum, Copper	ACSR, 6201, 5005	Aluminum, Copper			Die Index	Y35, Y750, Y45†, Y46‡	Y60B
YCR25RG6	1/0 (6-1)	1/0 (7, 12, 19)	1/0 (6-1)	1/0 (7, 12, 19)	6-3/8	1-1/16	654 or 705	U654 U705 Crimps Overlap	L654 — Crimps Overlap
YCR26RG2	2/0 (6-1)	2/0 (7, 12, 19)	1/0 (6-1)	1/0 (7, 12, 19)					
YCR26RG3			2/0 (6-1)	2/0 (7, 12, 19)					
YCR27RG5	3/0 (6-1)	3/0 (7, 12, 19)	1/0 (6-1)	1/0 (7, 12, 19)					
YCR27RG6			2/0 (6-1)	2/0 (7, 12, 19)					
YCR28RG5	4/0 (6-1)	4/0 (7, 12, 19)	1/0 (6-1)	1/0 (7, 12, 19)					
YCR28RG6			2/0 (6-1)	2/0 (7, 12, 19)					
YCR28RG7			3/0 (6-1)	3/0 (7, 12, 19)					
YCR28RG8			4/0 (6-1)	4/0 (7, 12, 19)					
YCR291RG2	266.8 (18-1)	250 (19, 37) 266.8 (7, 12, 19)	2/0 (6-10	2/0 (7, 12, 19)	7-3/8	1-1/4	317 or 705	U317 U705 Crimps Overlap	L317 — Crimps Overlap
YCR291RG3			3/0 (6-1)	3/0 (7, 12, 19)					
YCR291RG4			4/0 (6-1)	4/0 (7, 12, 19)					
YCR291RG5			266.8 (18-1)	250 (19, 37) 266.8 (7, 12, 19)					
YCR30RG4	266.8 (26-7)	300 (19, 37) 336.4 (19)	1/0 (6-1)	1/0 (7, 12, 19)					
YCR30RG6			3/0 (6-1)	3/0 (7, 12, 19)					
YCR30RG7			4/0 (6-1)	4/0 (7, 12, 19)					
YCR32RG1	336.4 (18-1) (26-7)	350 (19, 37) 397.5 (19)	1/0 (6-1)	1/0 (7, 12, 19)	7-3/8				
YCR32RG2			2/0 (6-1)	2/0 (7, 12, 19)					
YCR32RG3			3/0 (6-1)	3/0 (7, 12, 19)					
YCR32RG4			4/0 (6-1)	4/0 (7, 12, 19)					
YCR32RG5			266.8 (18-1)	250 (19, 37) 266.8 (7, 12, 19)					
YCR32RG6			266.8 (26-7)	300 (19, 37) 336.4 (19)	6-5/8				
YCR32RG7			336.4 (18-1) (26-7)	350 (19, 37) 397.5 (19)					

* Crimps overlap on both ends.
† U Die with adapter PT-6515
‡ U Die with adapter PUADP-1.

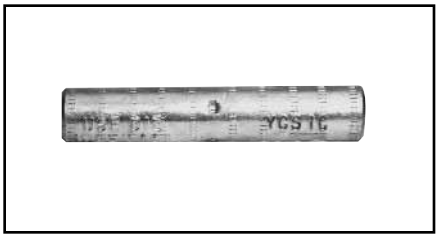
Blue highlighted items are industry standard and most frequently ordered.

TYPES YDS & YCS

HYSPLICE™

Jumper Sleeve for Copper Conductors

Loop HYSPLICE™ connector designed to withstand jumper loop tensile and vibration stresses. Made of pure copper tubing. Installed with standard HYSPLICE™ tools and dies.



RUS Accepted

Catalog Number	Conductor	L	Die Index	Tools, Die Seet Catalog Number, & (Crimps per End)			
				MD7, MD6	Y750, Y35, Y45†, Y46‡	Y48B	Y60BHU
YDS8W	8 Sol.	1-5/8	171	W171 (1)	U171 (1)*	—	—
YDS6W	6 Sol.	2-5/8	161	W161 (2)	U161 (1)*	—	—
YDS4W	4 Sol.	2-1/2	162	W162 (4)	U162 (1)*	—	—
YDS2W	2 Sol.	3-3/4	163	W163 (6)	U163 (2)*	—	—
YDS6C	6 (7)	2-3/4	161	W161 (2)	U161 (1)*	—	—
YDS4C	4 (7)	2-5/8	162	W162 (4)	U162 (1)*	—	—
YDS2C	2 (7), 3 (3)	3-5/8	163	W163 (6)	U163 (2)*	—	—
YDS1C	1 (7, 19)	3-1/8	164	W164 (4)	U164 (2)*	—	—
YCS25	1/0 (7, 19)		165	W165 (3)	U165 (3)	—	—
YCS26	2/0 (7, 11, 12, 19)	3-3/8	166	W166 (6)	U166 (3)	—	—
YCS27	3/0 (7, 19)	3-1/4	167	—	U167 (3)	—	—
YCS28	4/0 (7, 12, 19)	3-1/8	168	—	U168 (3)	C168 (1)	L168 (1)
YCS29	250 (7, 19, 37)	3-5/8	169	—	U169 (4)	C169 (2)	L169 (2)
YCS30	300 (19, 37)		170	—	U170 (4)	C170 (1)	L170 (1)
YCS31	350 (12, 19, 37)	5-3/8	267	—	U267 (6)	C267 (2)	L267 (2)
YCS32	400 (19, 37)	5-3/4	209	—	U209 (6)	C209 (2)	L209 (2)
YCS34	500 (19, 37)	5-1/8	210	—	U210 (6)	C210 (2)	L210 (2)
YCS39	750 (37)	6-7/8	627	—	—	C627 (3)	L627 (3)
YCS44	1000 (37, 61)	7-3/4	345	—	—	C345 (4)	L345 (4)

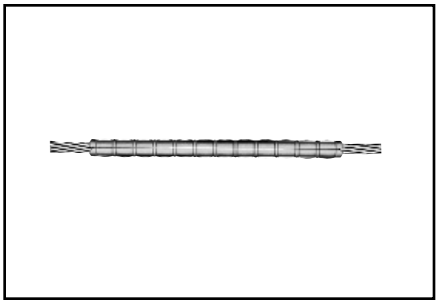
* Multiple crimp die set; makes more than one crimp per tool compression. Figure indicates number of compressions.
† U Die with adapter PT-6515
‡ U Die with adapter PUADP-1.

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TYPE YCU-A

Repair Sleeve for All Aluminum, Compressed and Compact Conductors

For restoring conductivity to damaged conductors. Made of cast aluminum. Use same die as equivalent full-tension sleeve. Use of PENETROX™ joint compound required.



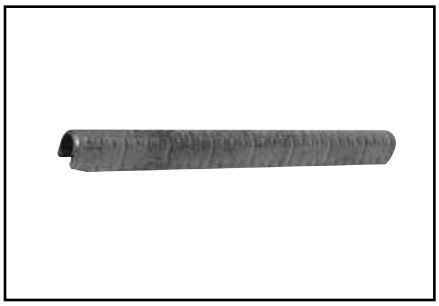
Catalog Number	Conductor	L	Die Index	Tools, Die Set Catalog Number, & (Number of Crimps)					
				MD7, MD6	Y35, Y750	Y45	Y46	Y48B	Y60BHU
YCU2CA	2 (7)	7-5/8	163	W163 (27)	U163 (9)*	†	‡	—	—
YCU25A	1/0 (7)	8-3/4	243	W243 (20)	U243 (10)	†	‡	—	—
YCU28A	4/0 (7, 19)	11-7/8	249	W249 (28)	U249 (14)	†	‡	C249 (7)	L249 (7)
YCU291A	266.8 (7)	11-5/8	251	—	U251 (20)	†	‡	C251 (10)	L251 (10)
YCU301A	336.4 (19, 37)	11-5/8	321	—	U321 (20)	†	‡	C321 (10)	L321 (10)

* Multiple crimp die set; makes more than one crimp per tool compression. Figure indicates number of compressions.
† U Die with adapter PT-6515.
‡ U Die with adapter PUADP-1.

Blue highlighted items are industry standard and most frequently ordered.

TYPES YCU-R & YOU-R

Repair Sleeve for ACSR and Compressed and Compact Conductors



For restoring conductivity to damaged conductors. Made of cast aluminum. Sizes up thru 266.8 are U-shaped. For 300 and larger, sleeves are two-piece interlocking elements. Use same die as equivalent full-tension sleeve. Use of PENETROX™ joint compound required.

Catalog Number	Conductor	L	Die Index	Tools, Die Set Catalog Number, & (Number of Crimps)					
				MD7, MD6	Y35, Y750	Y45	Y46	Y48B	Y60BHU
YCU4R	4 (6-1, 7-1) 4AAC	6-1/4	237	W237 (12)	U237 (6)	†	‡	—	—
YCU4RG1	4 (7-1)	8-1/4	239	W239 (16)	U239 (8)	†	‡	—	—
YCU2R	2 (6-1, 7-1)					†	‡	—	—
YCU25R	1/0 (6-1)	8-3/4	243	W243 (20)	U243 (10)	†	‡	—	—
YCU26R	2/0 (6-1)	10	245	W245 (24)	U245 (12)	†	‡	—	—
YCU27R	3/0 (6-1)		247	W247 (24)	U247 (12)	†	‡	—	—
YCU28R	4/0 (6-1)	11-7/8	249	W249 (28)	U249 (14)	†	‡	C249 (7)	L249 (7)
YCU30R	266.8 (6-7, 18-1, 26-7)	11-5/8	251	—	U251 (20)	†	‡	C251 (10)	L251 (10)
YOU32R	300 (26-7)	13	316	—	U316 (21)	†	‡	C316 (7)	L316 (7)
YCU321R	336.4 (18-1)	11-5/8	490, 547	—	U490 (20)	†	‡	C490 (10)	L490 (10)
YOU33R	336.4 (26-7, 30-7)	13	316	—	U316 (21)	†	‡	C316 (7)	L316 (7)
YOU35R	397.5 (18-1, 26-7, 30-7)		317, 426	—	U317 (21)	†	‡	C317 (7)	L317 (7)
YOU361R	477 (18-1)		327	—	U327 (21)	†	‡	C327 (7)	L327 (7)
YOU37R	477 (24-7, 26-7, 30-7)		261, 318	—	U261 (21)	†	‡	C261 (7)	L261 (7)
YOU39R	556.5 (24-7, 26-7)	13-3/4	608	—	U608 (24)	†	‡	C608 (8)	L608 (8)
YOU41R	605 (24-7, 54-7)		292, 578	—	—	S292 (24)	P292 (24)	C292 (8)	L292 (8)
YOU43R	605 (30-19)			—	—			C352 (8)	
YOU43R	605 (30-19)		319	—	—	S319 (24)	P319 (24)	C319 (8)	L319 (8)
YOU421R	636 (36-1)		292, 578	—	—	S292 (24)	P292 (24)	C292 (8)	L292 (8)
YOU43R	636 (26-7, 30-19)			—	—				
YOU43R	666.6 (24-7, 54-7)		319	—	—	S319 (24)	P319 (24)	C319 (8)	L319 (8)
YOU453R	715.5 (26-7)		292578	—	—	S292 (24)	P292 (24)	C292 (8)	L292 (8)
YOU453R	795 (36-1)		319	—	—	S319 (24)	P319 (24)	C319 (8)	L319 (8)
YOU453R	795 (36-1)		292, 578	—	—	S292 (24)	P292 (24)	C292 (8)	L292 (8)
YOU44R	715.5 (54-7)			—	—				
YOU44R	715.5 (54-7)		319	—	—	S319 (24)	P319 (24)	C319 (8)	L319 (8)
YOU45R	795 (26-7, 54-7)		352, 579	—	—	S352 (24)	P352 (24)	C352 (8)	L352 (8)
						S579 (24)	P579 (24)	C579 (8)	L579 (8)
YOU48R	900 (54-7) 954 (54-7)	14-1/4	575	—	—	—	—	C575 (10)	L575 (10)
YOU49R	1033.5 (54-7)		422	—	—	—	—	—	L422 (10)

† U Die with adapter PT-6515. ‡ U Die with adapter PUADP-1.

TYPE YCU-R

Repair Sleeve for ACSR "Static Wire"

Catalog Number	Conductor	L	Die Index	Tools, Die Set Catalog Number, & (Number of Crimps)			
				MD7, MD6	Y35, Y750, Y45†, Y46‡	Y48B	Y60BHU
YCU27R	110.8 (12-7)	10	247	W247 (24)	U247 (12)	—	—
YCU28R	159 (12-7)	11-7/8	249	W249 (28)	U249 (14)	C249 (7)	L249 (7)
YCU30R	190.8 (12-7)	11-5/8	251	—	U251 (20)	C251 (10)	L251 (10)

† U Die with adapter PT-6515. ‡ U Die with adapter PUADP-1.

Blue highlighted items are industry standard and most frequently ordered.

TYPES YDS-A & YDS-AT

HYSPLICE™

Full Tension Sleeve for All Aluminum Compressed and Compact Conductors



Full-Tension HYSPLICE™ sleeve made of aluminum tubing with staked-in cable stop. Sizes 1/0 and larger tapered for gradual transition of stress. Installed with HYSPLICE™ tools and dies. Pre-filled with PENETROX™ joint compound and capped.

Catalog Number	Conductor	L	Die Index	Tools, Die Set Catalog Number, & (Number of Crimps)					
				MD7, MD6	Y35, Y750	Y45	Y46	Y48B	Y60BHU
YDS6WA	6 Sol.	3	161	W161 (2)	U161 (1)*	†	‡	—	—
YDS4WA	4 Sol.	2-5/8	162	W162 (4)	U162 (1)*	†	‡	—	—
YDS2WA	2 Sol.	3-7/8	163	W163 (6)	U163 (2)*	†	‡	—	—
YDS6CA	6 (7)	3	161	W161 (2)	U161 (1)*	†	‡	—	—
YDS4CA	4 (7)	2-5/8	162	W162 (4)	U162 (1)*	†	‡	—	—
YDS2CA	2 (7)	3-7/8	163	W163 (6)	U163 (2)*	†	‡	—	—
YDS25AT	1/0 (7)	7-1/4	BG or 243	BG (12) or W243 (6)	BG (3) or U243 (3)	†	‡	—	—
YDS26AT	2/0 (7)	9-1/4	245	W245 (8)	U245 (4)	†	‡	—	—
YDS27AT	3/0 (7, 19)	7-1/4	247	W247 (8)	U247 (4)	†	‡	C247 (2)	L247 (2)
YDS28AT	4/0 (7, 19)	10-1/2	249	W249 (12)	U249 (6)	†	‡	C249 (3)	L249 (3)
YDS29AT	250 (19)	7-1/2	616	—	U616 (6)	†	‡	—	—
YDS291AT	266.8 (7, 19)	8-5/8	251	—	U251 (7)	†	‡	C251 (4)	L251 (4)
YDS301AT	336.4 (19, 37)	9-7/8	321	—	U321 (8)	†	‡	C321 (4)	L321 (4)
YDS31AT	350 (19)	11	490	—	U490 (9)	†	‡	C490 (5)	L490 (5)
YDS311AT	397.5 (19)	12-1/4	468	—	U468 (10)	†	‡	—	—
YDS331AT	477 (19)	12-3/4	317	—	U317 (9)	†	‡	C317 (3)	L317 (3)
YDS351AT	556.5 (19, 37)		261	—	U261 (9)	†	‡	C261 (3)	L261 (3)
YDS361AT	636 (37)	13-1/2	469	—	—	S469 (12)	P469 (8)	C469 (4)	L469 (4)
YDS391AT	795 (37, 800 (61))	13-5/8	342	—	—	S342 (8)	P342 (8)	C342 (4)	L342 (4)
YDS431AT	954 (37, 61)	17-5/8	352	—	—	S352 (10)	P352 (10)	C352 (5)	L352 (5)

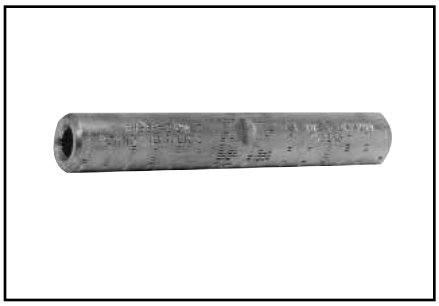
* Multiple crimp die set; makes more than one crimp per tool compression. Figure indicates number of compressions.
† U Die with adapter PT-6515.
‡ U Die with adapter PUADP-1.

TYPES YDS & YDS-C

HYSPLICE™

Full Tension Sleeve for Stranded Copper Conductors

Made of pure copper tubing. Designed to develop the full rated breaking strength of hard drawn or medium hard drawn copper conductor. Installed with standard tooling.



Catalog Number	Stranded Conductor	L	Die Index	Tools, Die Set Catalog Number, & (Number of Crimps)			
				MD7, MD6	Y35, Y750, Y45†, Y46‡	Y48B	Y60BHU
YDS6C	6 (7)	2-3/4	161	W161 (2)	U161 (1)*	—	—
YDS4C	4 (7)	2-5/8	162	W162 (4)	U162 (1)*	—	—
YDS3C-3	3 (3)	5-1/4	163	W163 (9)	U163 (3)*	—	—
YDS2C	2 (7)	3-5/8	163	W163 (6)	U163 (2)*	—	—
YDS2C-3	2 (3)	3-5/8	163	W163 (6)	U163 (2)*	—	—
YDS1C	1 (7, 19)	4-1/4	164	W164 (6)	U164 (3)*	—	—
YDS1C-3	1 (3)	6-1/4	459	—	U459 (6)	—	—
YDS25	1/0 (7, 19)	5-3/8	165	W165 (6)	U165/U205 (6)	—	—
YDS26	2/0 (7, 12, 19)	6	166	W166 (12)	U166/U459 (6)	—	—
YDS27	3/0 (7, 19)	6-3/4	167	—	U167/U568 (7)	—	—
YDS28	4/0 (7, 12, 19)	6-7/8	168	—	U168 (9)	C168 (3)	L168 (3)
YDS29	250 (7, 19, 37)	7-1/2	169	—	U169 (9)	C169 (3)	L169 (3)
YDS30	300 (19, 37)	8-1/8	170	—	U170 (13)	C170 (3)	L170 (3)
YDS31	350 (12, 19, 37)	10-1/4	267	—	U267 (12)	C267 (4)	L267 (4)
YDS32	400 (19, 37)	12-3/4	209	—	U209 (15)	C209 (5)	L209 (5)
YDS34	500 (19, 37)	11-5/8	210	—	U210 (15)	C210 (5)	L210 (5)
YDS39	750 (37)	12-3/4	627	—	—	C627 (7)	L627 (7)
YDS44	1000 (61, 37)	15-1/4	345	—	—	C345 (10)	L345 (10)

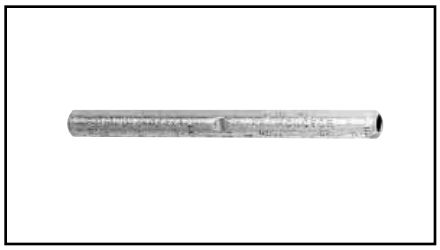
* Multiple crimp die set; makes more than one crimp per tool compression. Figure indicates number of compressions.
† U Die with adapter PT-6515.
‡ U Die with adapter PUADP-1.

TYPES YDS-W & YDS

HYSPLICE™

Full Tension Sleeve for Solid Copper Conductors

YDS-W is designed to develop full rated breaking strength of hard drawn and medium hard drawn solid copper conductor. Made of pure copper tubing. Installed with standard tooling.



RUS Accepted

Catalog Number	Solid Conductor	L	Die Index	Tools, Die Set Catalog Number, & (Crimps per End)			
				MD7, MD6	Y35, Y750, Y45†, Y46‡	Y48B	Y60BHU
YDS8WG1	8	1-7/8	161	W161 (1)	U161 (1)	—	—
YDS8W	8	1-1/2	171	W171 (1)	U171 (1)*	—	—
YDS6W	6	2-5/8	161	W161 (2)	U161 (1)*	—	—
YDS4W	4	2-1/2	162	W162 (4)	U162 (1)*	—	—
YDS3W	3	2-7/8	163 or 308	W163 (4) —	U163 (1)* U308 (2)*	—	—
YDS2W	2	3-3/4	163	W163 (6)	U163 (2)*	—	—
YDS1W	1	5-7/8	164	W164 (8)	U164 (4)*	—	—
YDS75	1/0	6-1/4	165	W165 (6)	U165/U205 (6)	—	—
YDS76	2/0	6-5/8	166	W166 (12)	U166/U459 (6)	—	—
YDS78	4/0	7-7/8	168	—	U168 (9)	C168 (3)	L168 (3)

* Multiple crimp die set; makes more than one crimp per tool compression. Figure indicates number of compressions.
† U Die with adapter PT-6515.
‡ U Die with adapter PUADP-1.

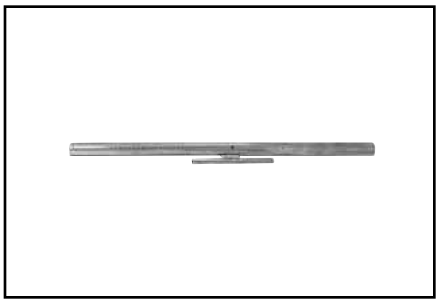
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TYPES YDS-R SET, YDS-RP1
(Aluminum Sleeve)
YDS-RP2
(Steel Sleeve)

HYSPLICE™

Full Tension Sleeve for ACSR, Compressed and Compact Conductors

Two-piece, full tension HYSPLICE™, consists of aluminum outer sleeve and steel inner sleeve. Tapered outer sleeve provides gradual transition of stress. Filler holes provided for PENETROX™ joint compound. Sizes 1/0 and larger supplied with plugs for filler hole. Installed with standard HYSPLICE™ tools and dies (thru 556 with Y35 or Y750 HYPRESS™). Aluminum and steel sleeves can be ordered separately or in sets.



RUS Accepted

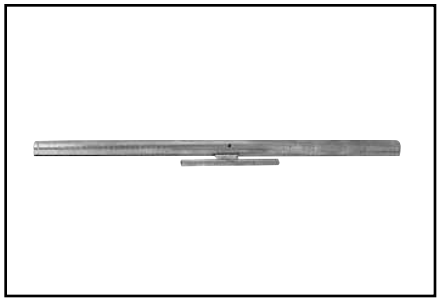
Catalog Number			Conductor	L	Die Index	Tools, Die Set Catalog Number, & (Crimps per End)			
Set	Sleeves					MD7, MD6	Y35, Y750, Y45†, Y46‡	Y48B	Y60BHU
YDS021R	Steel	YDS25RP2	2 (7-1)	4-3/4	242	W242 (8)	U242 (4)	—	—
	Alum.	YDS021RP1		17	241	W241 (10)	U241 (5)		
YDS1R	Steel	YDS1RP2	1 (6-1)	4-1/8	240	W240 (6)	U240 (3)	—	—
	Alum.	YDS1RP1		16-5/8	241	W241 (10)	U241 (5)	—	—
YDS25R	Steel	YDS25RP2	1/0 (6-1)	4-3/4	242	W242 (8)	U242 (4)	—	—
	Alum.	YDS25RP1		17	243	W243 (10)	U243 (5)	—	—
YDS26R	Steel	YDS26RP2	2/0 (6-1)	5-1/4	242	W242 (8)	U242 (4)	—	—
	Alum.	YDS26RP1		19-3/4	245	W245 (12)	U245 (6)	—	—
YDS27R	Steel	YDS27RP2	3/0 (6-1)	5-1/4	248	W246 (16)	U248 (8)	C248 (3)*	L248 (3)*
	Alum.	YDS27RP1		16-3/4	247	W247 (12)	U247 (6)	C247 (2)*	L247 (2)*
YDS28R	Steel	YDS28RP2	4/0 (6-1)	5-1/8	248	W248 (14)	U248 (7)	C248 (2)*	L248 (2)*
	Alum.	YDS28RP1		18-7/8	249	W249 (14)	U249 (7)	C249 (4)	L249 (4)
—	Steel	YDS1RP2	266.8 (18-1)	4-1/8	240	W240 (6)	U240 (3)	—	—
	Alum.	YDS291RP1		19-3/4	251	—	U251 (12)	C251 (6)	L251 (6)
YDS30R	Steel	YDS30RP2	266.8 (26-7)	6	250	—	U250 (10)	C250 (8)	L250 (8)
	Alum.	YDS30RP1		19-3/4	251	—	U251 (10)	C251 (5)	L251 (5)
YDS321R	Steel	YDS25RP2	336.4 (18-1)	4-3/4	242	W242 (8)	U242 (4)	C242 (2)*	L242 (2)*
	Alum.	YDS321RP1		17-7/8	490	—	U490 (10)	C490 (5)	L490 (5)
YDS32R	Steel	YDS32RP2	336.4 (26-7)	6-7/8	252	—	U252 (9)	C252 (3)	L252 (3)
	Alum.	YDS33RP1		22-1/4	316	—	U316 (9)	C316 (3)	L316 (3)
YDS33R	Steel	YDS41RP2	336.4 (30-7)	8-5/8	305	—	U305 (9)	C305 (3)	L305 (3)
	Alum.	YDS33RP1		22-1/4	316	—	U316 (9)	C316 (3)	L316 (3)
YDS34R	Steel	YDS34RP2	397.5 (26-7)	6-1/4	253	—	U253 (9)	C253 (3)	L253 (3)
	Alum.	YDS35RP1		25-5/8	317	—	U317 (12)	C317 (4)	L317 (4)
YDS35R	Steel	YDS44RP2	397.5 (30-7)	8	255	—	U255 (12)	C255 (4)	L255 (4)
	Alum.	YDS35RP1		25-5/8	317	—	U317 (12)	C317 (4)	L317 (4)
YDS361R	Steel	YDS27RP2	477 (18-1)	5-1/4	248	W248 (16)	U248 (8)	C248 (4)*	L248 (4)*
	Alum.	YDS361RP1		25-3/8	327	—	U327 (16)	C327 (4)	L327 (4)
YDS326R	Steel	YDS34RP2	477 (24-7)	6-1/4	253	—	U253 (9)	C253 (3)	L253 (3)
	Alum.	YDS37RP1		26-3/8	261	—	U261 (12)	C261 (4)	L261 (4)
YDS36R	Steel	YDS36RP2	477 (26-7)	7-7/8	350	—	U350 (12)	C350 (4)	L350 (4)
	Alum.	YDS37RP1		26-3/8	261	—	U261 (12)	C261 (4)	L261 (4)

* Multiple crimp die set; makes more than one crimp per tool compression. Figure indicates number of compressions.
† U Die with adapter PT-6515.
‡ U Die with adapter PUADP-1.

Blue highlighted items are industry standard and most frequently ordered.

TYPES YDS-R SET, YDS-RP1
(Aluminum Sleeve)
YDS-RP2
(Steel Sleeve)
(Continued)

Full Tension Sleeve for ACSR and Compressed and Compact Conductors



RUS Accepted

Catalog Number			Conductor	L	Die Index	Tools, Die Set Catalog Number, & (Crimps per End)					
Set	Sleeves					MD7, MD6	Y35, Y750	Y45	Y46	Y48B	Y60BHU
YDS392R	Steel	YDS41RP2	556.5 (24-7)	8-5/8	305	—	U305 (9)	†	‡	C305 (3)	L305 (3)
	Alum.	YDS39RP1		26-1/8	608	—	U608 (15)	†	‡	C608 (5)	L608 (5)
—	Steel	YDS44RP2	556.5 (26-7)	8	255	—	U255 (12)	†	‡	C255 (4)	L255 (4)
	Alum.	YDS39RP1		26-1/8	608	—	U608 (15)	†	‡	C608 (5)	L608 (5)
—	Steel	YDS43RP2	636 (24-7)	8	254	—	—	S254 (15)	P254 (15)	C254 (5)	L254 (5)
	Alum.	YDS43RP1		32-1/2	319	—	—	S319 (18)	P319 (18)	C319 (6)	L319 (6)
YDS43R45RS	Steel	YDS45RP2	636 (26-7)	9	320	—	—	S320 (15)	P320 (15)	C320 (5)	L320 (5)
	Alum.	YDS43RP1		32-1/2	319	—	—	S319 (18)	P319 (18)	C319 (6)	L319 (6)
YDS43R43RS	Steel	YDS43RP2	666.6 (24-7)	8	254	—	—	S254 (15)	P254 (15)	C254 (5)	L254 (5)
	Alum.	YDS43RP1		32-1/2	319	—	—	S319 (18)	P319 (18)	C319 (6)	L319 (6)
YDS451R49RS	Steel	YDS49RP2	795 (26-7)	10	419	—	—	S419 (21)	P419 (21)	C419 (7)	L419 (7)
	Alum.	YDS451RP1		32-1/2	579	—	—	S579 (18)	P579 (18)	C579 (6)	L579 (6)
YDS45R45RS	Steel	YDS45RP2	795 (54-7)	9	320	—	—	S320 (15)	P320 (15)	C320 (5)	L320 (5)
	Alum.	YDS45RP1		32-1/2	352	—	—	S352 (18)	P352 (18)	C352 (6)	L352 (6)
YDS451R34RS	Steel	YDS34RP2	900 (45-7)	6-1/4	253	—	U253 (9)	†	‡	C253 (3)	L253 (3)
	Alum.	YDS451RP1		32-1/2	579	—	—	S579	P579	C579 (6)	L579 (6)
—	Steel	YDS49RP2	1033.5 (54-7)	10	419	—	—	—	—	C419 (7)	L419 (7)
	Alum.	YDS49RP1		37	422	—	—	—	—	—	L422 (8)
—	Steel	YDS36RP2	1113 (45-7)	7-7/8	350	—	U350 (12)	†	‡	C350 (4)	L350 (4)
	Alum.	YDS49RP1		37	422	—	—	—	—	—	L422 (8)

*†U Die with adapter PT-6515.
‡ U Die with adapter PUADP-1.

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FOR ACSR "STATIC" WIRE

Catalog Number			Conductor	L	Die Index	Tools, Die Set Catalog Number, & (Crimps per End)			
Set	Sleeves					MD7, MD6	Y35, Y750, Y45†, Y46‡	Y48B	Y60BHU
YDS011R	Steel	YDS27RP2	80 (1-8)	5-1/4	248	W248 (16)	U248 (8)	—	—
	Alum.	YDS011RP1		19-3/4	245	W245 912)	U245 (6)	—	—
YDS251R	Steel	YDS34RP2	101.8 (12-7)	6-1/4	253	—	U253 (9)	C253 (3)	L253 (3)
	Alum.	YDS251RP1		22-1/4	316	—	U316 (9)	C316 93)	L316 (3)
YDS261R	Steel	YDS41RP2	134.6 (12-7)	8-5/8	305	—	U305 (9)	C305 (3)	L305 (3)
	Alum.	YDS261RP1		22-1/4	316	—	U316 (9)	C316 (3)	L316 (3)
YDS271R	Steel	YDS44RP2	159 (12-7)	8	255	—	U255 (12)	C255 (4)	L255 (4)
	Alum.	YDS271RP1		25-5/8	317	—	U317 (12)	C317 (4)	L317 (4)

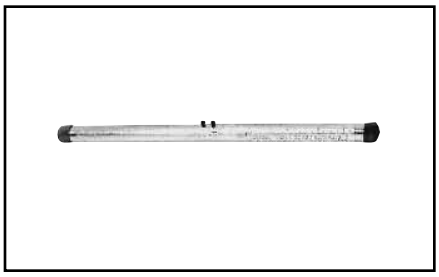
† U Die with adapter PT-6515.
‡ U Die with adapter PUADP-1.

Blue highlighted items are industry standard and most frequently ordered.

TYPE YDS-RLY

UNISPLICE™ SINGLE-SLEEVE

Tension Single Sleeve for ACSR, Aluminum, 6201 and 5005



RUS Accepted

Single sleeve splice similar to UNISPLICE™ type YDS-RL, except designed to eliminate possible conductor basketing on ACSR. Installed by *crimping from end of connector towards center* with standard tooling. Supplied pre-filled with PENETROX™ joint compound and capped. Factory installed plugs in pressure relief holes must be in place when conductors are inserted. Plugs drop out when sleeve is crimped.

Catalog Number	Conductor †††	L	Die Index	Tools, Die Set Catalog Number, & (Crimps per End)			
				MD7, MD6	Y35, Y750, Y45†, Y46‡	Y48B	Y60BHU
YDS4RLY	4ACSR (7-1) 4 ACSR (6-1) 4 6201 (7) 4 5005 (7) 4 AAC (7)	12-1/2	BG, or 687, or 243	BG (24) W-BG (12)*	U-BG (8)*	—	—
				W687 (12) Non-Bow**	—	—	—
				—	U243 (6)	C243 (3)	L243 (3)
YDS2RLY	2 ACSR (6-1) 2 6201 (7) 2 5005 (7) 2 AAC (7)	12-3/8	BG, or 687, or 243	BG (20) W-BG (10)*	U-BG (8)*	—	—
				W687 (10) Non-Bow**	—	—	—
				—	U243 (6)	C243 (3)	L243 (3)
YDS021RLY	2 ACSR (7-1) 2 ACSR (6-1) 2 6201 (7) 2 AAC (7)	14-3/8	C, or 167, or 247, or 702	W-C (28)	—	—	—
				—	U167 (14)	C167 (7)	L167 (7)
				—	U247 (7)		
				W702 (11) Non-Bow*	—	—	—
YDS25RLY	1/0 ACSR (6-1) 1/0 6201 (7) 1/0 5005 (7) 1/0 AAC (7)	17	C, or 660, or 167, or 247, or 702	W-C (32)	—	—	—
				W660 (16)	U660 (8)	—	—
				—	U167 (16)	C167 (5)	L167 (5)
				—	U247 (8)	—	—
				W702 (12) Non-Bow**	—	—	—
YDS26RLY	2/0 ACSR (6-1 2/0 6201 (7) 2/0 5005 (7) 2/0 AAC (7)	15	659	—	U659 Crimps Overlap	—	—
YDS27RLY	3/0 ACSR (6-1) 3/0 6201 (7) 3/0 5005 (7) 3/0 AAC (7)	21	658	—	U658 Crimps Overlap	—	—
YDS28RLY	4/0 ACSR (6-1) 4/0 6201 (7) 4/0 5005 (7) 4/0 AAC (7)	21	654	—	U654 Crimps Overlap	—	—
YDS321RLY	336.4 ACSR (18-1) 336.4 AAC (19)	20-1/2	655	—	U655 Crimps Overlap	—	—

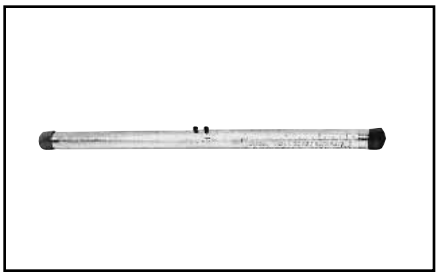
* Multiple crimp die set; makes more than one crimp per tool compression. Figure indicates number of compressions.
** MD6 NON-BOW Dies produce straight sleeves without rotating tool.
‡ U Die with adapter PUADP-1.
† U Die with adapter PT-6515.
††† Accommodates ACSR with aluminized steel core.

Blue highlighted items are industry standard and most frequently ordered.

TYPES YDS-RL & YDS-LT

UNISPLICE™

Tension Single Sleeve for ACSR, All Aluminum, 5005, 6201, Compressed Conductors



RUS Accepted

Single-sleeve aluminum UNISPLICE™ designed to splice ACSR as simply as all-aluminum. Pre-filled with PENETROX™ joint compound and capped. Eliminates strand stripping, installing separate steel sleeve and filling with joint compound. Ends ACSR joint failure due to faulty positioning of sleeve and lack of joint compound. Simplifies hot-line splicing. Electrical and mechanical performance equal to two-piece sleeves.

Catalog Number	Conductor †††	L	Die Index	Tools, Die Set Catalog Number, & (Crimps per End)			
				MD7, MD6	Y35, Y750, Y45†, Y46‡	Y48B	Y60BHU
YDS4RL	4 ACSR (7-1) 4 ACSR (6-1) 4 6201 (7) 4 5005 (7) 4 AAC (7)	11-7/8	BG, or 243, or 687	BG (24) W-BG (12)*	U-BG (8)*	—	—
				W243 (12)	U243 (6)	C243 (3)	L243 (3)
				W687 (12) Non-Bow**	—	—	—
YDS2RL	2 ACSR (6-1) (7-1) 2 6201 (7) 2 5005 (7) 2 AAC (7)	10-1/4	BG, or 243, or 687	BG (20) W-BG (10)*	U-BG (8)*	—	—
				W243 (10)	U243 (5)	C243 (3)	L243 (3)
				W687 (10) Non-Bow**	—	—	—
YDS021RL	2 ACSR (7-1) 2 ACSR (6-1) 2 6201 (7) 2 AAC (7)	11-1/4	C, or 167, or 247, or 702	W-C (28)	—	—	—
				—	U167/U568 (16)	C167 (7)	L167 (7)
				W247 (14)	U247 (7)	—	—
				W702 (11) Non-Bow**	—	—	—
YDS25RL	1/0 ACSR (6-1) 1/0 6201 (7) 1/0 5005 (7) 1/0 AAC (7)	13-7/8	C, or 167, or 660, or 247, or 702	W-C (32)	—	—	—
				—	U167/U568 (14)	C167 (5)	L167 (5)
				W660 (16)	U660 (8)	—	—
				—	U247 (8)	—	—
				W702 (12) Non-Bow**	—	—	—
YDS26RL	2/0 ACSR (6-1) 2/0 6201 (7) 2/0 5005 (7) 2/0 AAC (7)	13-1/2	659	—	U659 Crimps Overlap	—	—
YDS27RL	3/0 ACSR (6-1) 3/0 6201 (7) 3/0 5005 (7) 3/0 AAC (7)	18-1/4	658	—	U658 Crimps Overlap	—	—
YDS28RL	4/0 ACSR (6-1) 4/0 6201 (7) 4/0 5005 (7) 4/0 AAC (7)	18-1/4	654	—	U654 Crimps Overlap	—	—
YDS321RL	336.4 ACSR (18-1) 336.4 AAC (19) 350 AAC	18-1/4	655	—	U655 Crimps Overlap	—	—

* Multiple crimp die set; makes more than one crimp per tool compression. Figure indicates number of compressions.

** MD6 NON-BOW Dies produce straight sleeves without rotating tool.

‡ U Die with adapter PUADP-1.

† U Die with adapter PT-6515.

†† Accommodates compact conductor.

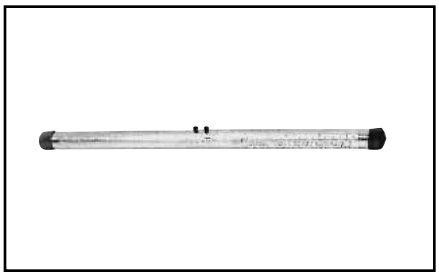
††† Accommodates ACSR with aluminized steel core.

Blue highlighted items are industry standard and most frequently ordered.

TYPES YDS-RL & YDS-LT (Continued)

UNISPLICE™

Tension Single Sleeve for ACSR, All Aluminum, 5005, 6201, Compressed Conductors



RUS Accepted

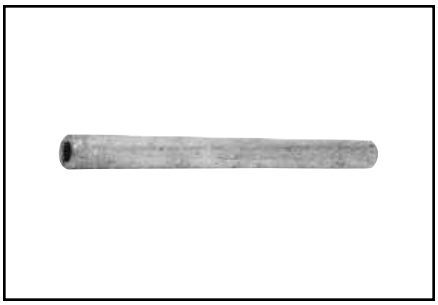
Catalog Number	Conductor	Code	L	Die Index	Tools, Die Set Catalog Number, & (Crimps per End)			
					MD7, MD6	Y35, Y750, Y45†, Y46‡	Y48B	Y60BHU
YDS30LT	312.8 6201	BUTTE		317		U317	C317	L317
YDS32LT	394.5 6201 394.5 5005 (336.4 E.C. Equiv.)	CANTON RADIAN	14-1/2	642	—	U642 (12)	C642 (4)	L642 (4)
YDS341RL	397.5 ACSR (18-1) 419.6 5005	REDE	22	327	—	U327 (18)	—	—
YDS361RL	477 (18-1) 556.5 (18-1) 587.2 5005	RUBLE	23-1/4	788 720	—	U-788 Crimps Overlap	—	L720 Crimps Overlap
YDS36LT	559.5 6201 559.5 5005 (477 E.C. Equiv.)	DARIEN REMEX	16	667	—	P667**	C667 Crimps Overlap	L667 Crimps Overlap

** Y46 HYPRESS™ only.

TYPES YDS-A & YDS-AT

HYSPLICE™

Full Tension Sleeve for Aluminum (Installed with BURNDY® or EEI Dies)



Full-tension HYSPLICE™ sleeve made of aluminum and with cable stop. Designed to be installed with BURNDY® or EEI dies. BURNDY® and EEI die index numbers clearly marked on sleeve. Sizes 1/0 and larger tapered for gradual transition of stress. Prefilled with PENETROX™ joint compound and capped.

Catalog Number	Conductor	L	EEI Die Index	Index	Tools, Die Set Catalog Number, & (Crimps per End)	
					MD7, MD6	Y35, Y750, Y45†, Y46‡
YDS2CA	2 (7)	3-7/8	6A	693	W693 (8)	U693 (2)
YDS25AT	1/0 (7)	7-1/4	8A	243	W243 (6)	U243 (3)
YDS27AT	3/0 (7, 19)	7-1/4	10A	694	W694 (8)	U694 (4)
YDS28AT	4/0 (7, 19)	10-1/2	11A	249	W249 (12)	U249 (6)
YDS311AT	397.5 (19)	12-1/4	13A	655	—	U655 (10)
YDS331AT	477 (19)	12-3/4	14A	317	—	U317 (9)

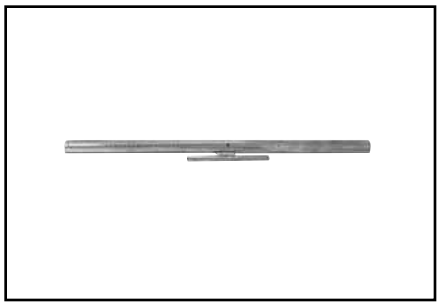
† U Die with adapter PT-6515.
‡ U Die with adapter PUADP-1.

Blue highlighted items are industry standard and most frequently ordered.

TYPES YDS-R & YDS-RE

HYSPLICE™

Full Tension Sleeve for ACSR (Installed with BURNDY® EEI Dies)



Two-piece, full-tension HYSPLICE™, made of aluminum outer sleeve and steel sleeve for steel core. Designed to be installed with BURNDY® EEI dies. BURNDY® and EEI die index numbers are clearly marked on the sleeve.

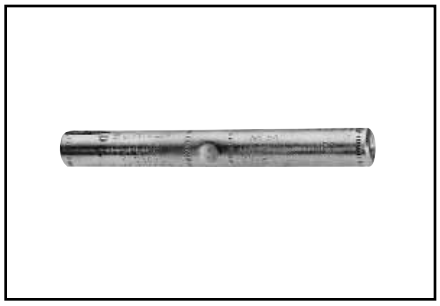
Catalog Number Alum. & Steel Sleeve Set	Catalog Number Aluminum Sleeve	CONDUCTOR	Aluminum Outer Sleeve					Catalog Number Steel Sleeve	Steel Inner Sleeve				
			L	EEI Die Number	Die Index	Tools, Die Set Catalog No., & (Crimps per End)			LL	EEI Die Number	Die Index	Tools, Die Set Catalog No., & (Crimps per End)	
						MD6	Y35, Y750, Y45†, Y46‡					MD6	Y35, Y750, Y45†, Y46‡
YDS2RE	YDS021REP1	2 (6-1)	17-1/8	6A	693	W693 (20)	U693 (5)	YDS2REP2	4-1/8	1S	690	W690 (8)	U690 (4)
YDS021RE	—	2 (7-1)						YDS25REP2	4-3/4	2S	691	W691 (9)	U691 (3)
—	YDS25RP1	1/0 (6-1)		8A	243	W243 (10)	U243 (5)						
—	YDS26RP1	2/0 (6-1)	19-3/4	9A	245	W245 (12)	U245 (6)	—	5-1/4	4S	692	W692 (12)	U692 (6)
YDS27RE	YDS27RP1	3/0 (6-1)	16-3/4	10A	694	W694 (12)	U694 (6)	YDS27RP2	5-1/4	5S	248	W248 (8)	U248 (8)
YDS28RE	YDS28RP1	4/0 (6-1)	18-7/8	11A	249	W249 (14)	U249 (7)	YD28REP2	5-1/4	5S	248	W248 (8)	U248 (8)
—	—	336.4 (18-1)	17-7/8	13A	655		U655 (9)	YDS25REP2	4-3/4	2S	691	W691 (9)	U691 (3)
YDS361R	YDS361RP1	477 (18-1)	25-1/2	14A	327	W327	U327 (16)	YDS27RP2	5-1/4	5S	248	W248 (8)	U248 (3)

† U Die with adapter PT-6515.
‡ U Die with adapter PUADP-1.

TYPES YDS-E, YDS-H, YDS-U

HYSPLICE™

Full Tension Sleeve for Steel



Full-tension HYSPLICE™ sleeves designed for HS, EHS, Utilities (UT) or Siemens-Martin (SM) galvanized steel guy, messenger, and "Static" conductors. Made of hot-dip galvanized seamless milled steel tubing lined with silicone carbide particles.

Catalog Number	Conductor			L	Die Index	Tools, Die Set Catalog Number, & (Crimps per End)		
	Size	Str.	Grade			Y35, Y750, Y45†, Y46‡	Y48B	Y60BHU
YDS250E	1/4	7	EHS	6-3/4	609	U609 (10)	—	—
YDS312H	5/16	7	HS	10-5/8	257	U257 (20)	C257 (5)*	L257 (5)*
YDS312E	5/16	7	EHS	8-1/2	305	U305 (6)	C305 (3)	L305 (3)
YDS375H	3/8	7	HS, UT	9	304	U304 (12)	C304 (4)	L304 (4)
YDS500H	1/2	7	HS	9-5/8	293	—	C293 (6)	L293 (6)

* Multiple crimp die set makes more than one crimp per tool compression. Figure indicates number of compressions.
† U Die with adapter PT-6515.
‡ U Die with adapter PUADP-1.

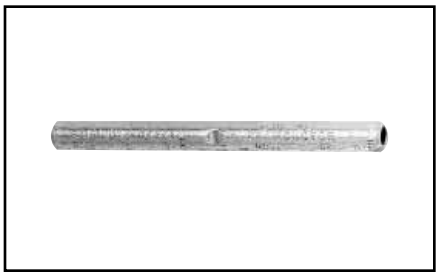
Blue highlighted items are industry standard and most frequently ordered.

TYPE YDS-K

HYSPLICE™

Full Tension Sleeve for Copperweld

Full-tension HYSPLICE™ designed to exceed the minimum rated breaking strength of, 30% conductivity extra high strength Copperweld, and lower strength conductors. Made of pure copper tubing. Installed with HYSPLICE™ tools and dies.



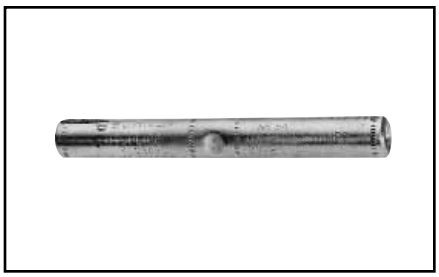
Catalog Number	Conductor	L	Die Index	Tools, Die Set Catalog Number, & (Crimps per End)			
				MD7, MD6	Y35, Y750, Y45†, Y46‡	Y48B	Y60BHU
YDS8WK	8 Sol.	3-3/4	162 or 285	W162 (6)	U285 (2)	—	—
YDS6WK	6 Sol.	4-3/8	162 or 276	W162 (6)	U276 (6)	—	—
YDS3K10	(3 #10)	4-7/8	403	—	U403 (3)*	—	—
YDS3K8	(3 #8)	5-5/8	205	—	U205 (5)	—	—
YDS3K7	5/16 (7 #10) (3 #7)	10	167	—	U167/U568 (10)	C167 (4)	L167 (4)
YDS3K6	11/32 (7 #9) (3 #6)	9-1/2	331	—	U331 (9)	C331 (9)	L331 (3)
YDS3K5	3/8 (7 #8) (3 #5)	6-7/8	259	—	U259 (6)	C259 (2)	L259 (2)
YDS7K7	7/16 (7 #7)	6-7/8	328	—	—	C328 (3)	L328 (3)
YDS7K6	1/2 (7 #6)	9-3/8	260	—	—	C260 (4)	L260 (4)
YDS7K5	9/16 (7 #5)	11-3/8	344	—	—	C344 (6)	L344 (6)

* Multiple crimp die set; makes more than one crimp per tool compression. Figure indicates number of compressions.
† U Die with adapter PT-6515.
‡ U Die with adapter PUADP-1.

TYPE YTS-E

Full Tension Splice for EHS Steel

Full tension splice for EHS steel guy, messenger or "static" cable. Sleeve is pre-filled with PENETROX™ joint compound and capped.



RUS Accepted

Catalog Number	Conductor †	L	Tools, Die Sets	
	EHS Steel		Die Index	Y60BHU*
YTS375E	3/8″ 7 Str.	10-3/8	723	L723
YTS438E	7/16″ 7 Str.	11-7/8	726	L726

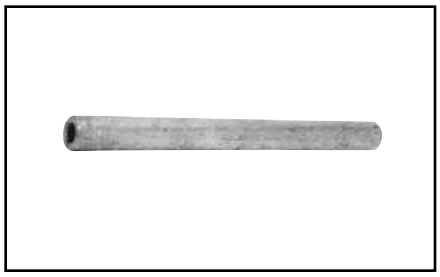
* Overlap crimps.
† Sleeve is high strength aluminum alloy for optimum corrosion resistance.

TYPES YDS-KT & YDS-F

HYSPLICE™

Full Tension Sleeve
for Copperweld-Copper

Full-tension HYSPLICE™ made of pure copper tubing. Type YDS-KT is tapered to provide gradual transition of stress on Type "A" conductor. HYSPLICE™ Type YDS-F is recommended for Type "F" conductor.



RUS Accepted

Catalog Number	Conductor	L	Die Index	Tools, Die Set Catalog Number, & (Crimps per End)			
				MD7, MD6	Y35, Y750, Y45†, Y46‡	Y48B	Y60BHU
YDS8KT	8A	5	162 or 202	W162 (4) —	— U202 (4)*	—	—
YDS6KT	6A	6-1/8	162 or 203	W162 (5) —	— U203 (5)*	—	—
YDS4KT	4A	6-3/8	163 or 204	W163 (5) —	— U204 (10)	—	—
YDS2KT	2A	7-3/4	205	—	U205 (8)	—	—
YDS3K6	4D	9-1/2	331	—	U331 (9)	C331 (3)	L331 (3)
YDS2F	2F	6-1/4	329	—	U329 (4)	—	—
YDS25F	1/0F	8-3/4	568	—	U167/U568 (8)	—	—
YDS26F	2/0F	9-5/8	552	—	U552 (11)	—	—
YDS28F	4/0F	11-7/8	331	—	U331 (12)	C331 (4)	L331 (4)

* Multiple crimp die set; makes more than one crimp per tool compression. Figure indicates number of compressions.

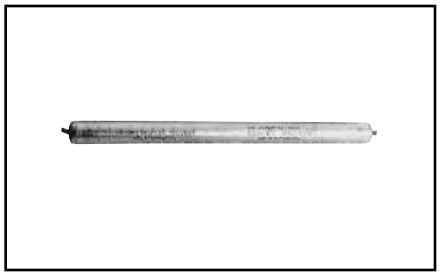
† U Die with adapter PT-6515.
‡ U Die with adapter PUADP-1.

H-63

TYPE YDS-M-T

Full Tension Sleeve
for Alumoweld

Full-tension splice for Alumoweld transmission lines. Five connectors accommodate eight conductor sizes. Sleeve is pre-filled with PENETROX™ joint compound and capped.



RUS Accepted

Catalog ††† Number	Conductor ALUMOWELD	L	Tools, Die Sets		
			Die Index	Y35, Y750, Y45†, Y46‡	Y60BHU*
YDS7M10T	7 #10, 3 #7	10	676 or 721	U676 (8) —	— L721
YDS7M9T	7 #9, 3 #6	10-3/8	677	U677 (10)	—
YDS7M8T	7 #8, 3 #5	12-1/4	668 or 723	U668 (13) —	— L723
YDS7M7T	7 #7	14-1/2	678 or 726	U678 (19) —	— L726
YDS7M6T	7 #6	15-1/8	679 or 726	U679 (2) —	— L726

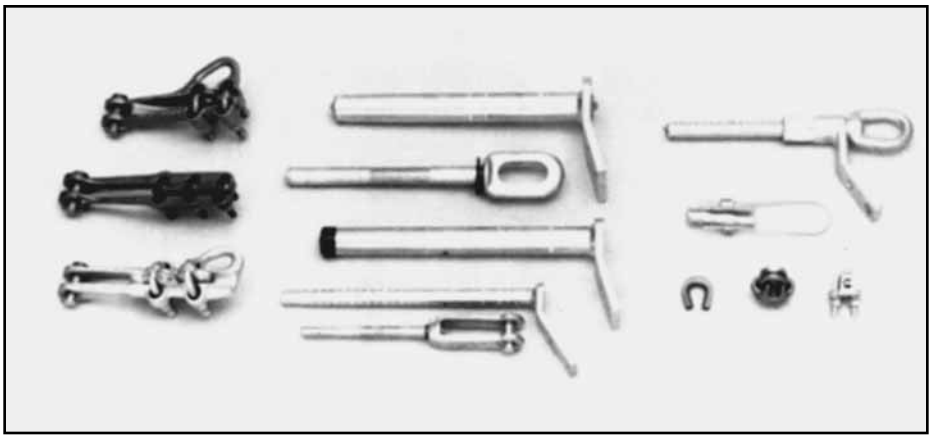
* Overlap crimps.
† U Die with adapter PT-6515.
‡ U Die with adapter PUADP-1.

††† Sleeve is high strength aluminum alloy for optimum corrosion resistance.

Blue highlighted items are industry standard and most frequently ordered.

DEADEND FITTING AND ACCESSORIES

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Type **DUW-A** & **DUW-A-E** **H-68**

Blue highlighted items are industry standard and most frequently ordered.

DEADEND FITTINGS AND ACCESSORIES

The deadend method selected for any particular application will depend upon the nature of the application, the size of the conductor, holding strength required, and preference for mechanical or compression devices.

Secondaries are commonly deadended by bending wire around a spool insulator and snubbing with the same connectors used for the secondary to service drop connection. On copper conductor, connectors such as U-bolt Clip BC, SERVIT™ KS, OKLIP™ KVS or CRIMPIT™ YC-C are recommended. These connectors provide high holding strength without damaging conductor strands. On aluminum wires, CLIPIT™ UW-R, mechanical connector is recommended.

The same methods can also be used on primaries. However, the straight line clamp Type CUW-A-E is more popular for this application. They are easier to install on either hot or de-energized lines. They are particularly well suited to hot-line maintenance, and allow easy re-sagging of conductors.

Straight line types are also popular for deadending strain buses. These are normally large, hard to handle conductors that do not lend themselves to snub or “quadrant” types. Types DUW or CUW-E are recommended for copper conductor and DUW-A and DUW-A-E for aluminum and ACSR. The pulling eye on the DUW-A-E is in line with the cable to make installation easier.

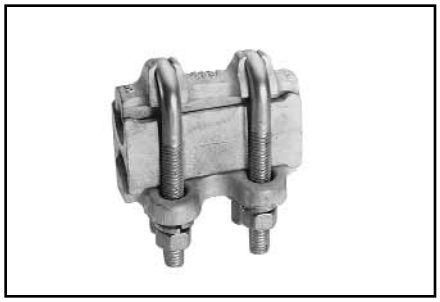
H-65

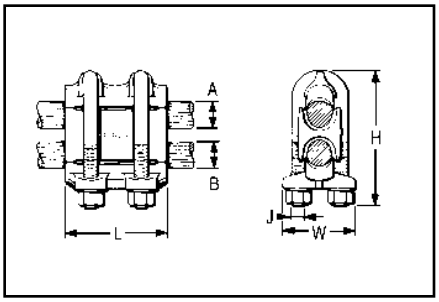
TYPE UP-R

HEAVY DUTY PARALLEL CLAMP

For All Combinations of Copper, Aluminum†, ACSR†, 6201 and 5005

Heavy duty aluminum connector for feeder, subtransmission and primary distribution. Massive design and large spacer give maximum protection against galvanic action and overload conditions. Spacing of U-bolts, tapered bell mouths and modified V groove minimize cold flow, eliminate cable damage, and produce wiping action on conductors. Spacer taps confine cable strands to prevent splaying. Captured, heat treated aluminum alloy U-bolts. PENETROX™ joint compound recommended for all combinations.





RUS Accepted

Catalog Number	Groove A		Groove B		Dimensions			
	ACSR †, 6201, 5055	Copper or Aluminum†	ACSR †, 6201, 5005	Copper or Aluminum†	H	J	L	W
UP34R	110.8 (12-7) - 397.5 (18-1)	3/0 Str. - 400	110.8 (12.7) - 397.5 (18-1)	3/0 Str. - 400	4-5/8	1/2-13	4	2-5/8
UP45R36R	336.4 (30-7) - 795 (30-19)	397.5 - 954	110.8 (12-7) - 447 (18-1)	3/0 Str. - 500	5-1/4	1/2-13	4	2-7/8
UP45R	336.4 (30-7) - 795 (30-19)	397.5 - 954	336.4 (30-7) - 795 (30-19)	397.5 - 954	6-1/4	5/8-11	4-1/2	3-1/4

† Accommodates compact and compressed conductors within diameter range.

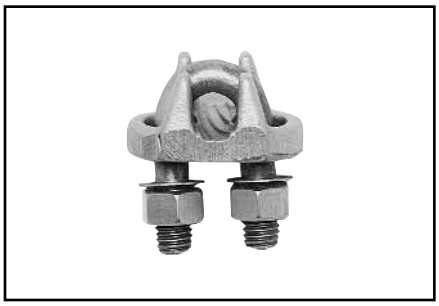
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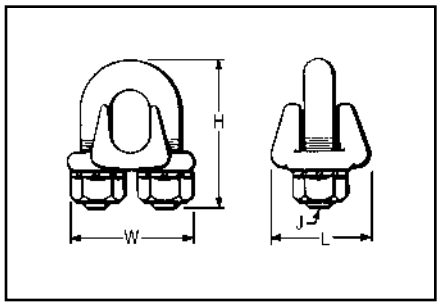
TYPE BC

CLIP

Deadend Clamp for Guy Wire

Deadend CLIP with DURIUM™ silicone bronze U-bolt, nuts, and washers. Saddle made of high strength corrosion resistant copper alloy.





Catalog Number	Copper	Guy Wire	Dimensions			
			H	J	L	W
BC2C	2 Sol.	5/16	2	3/8	1-1/4	1-3/4
BC25	1/0 Str.	3/8			1-3/8	
BC28	2/0 Str. - 4/0 Str.	1/2	2-3/8	1/2	1-3/4	2-1/4

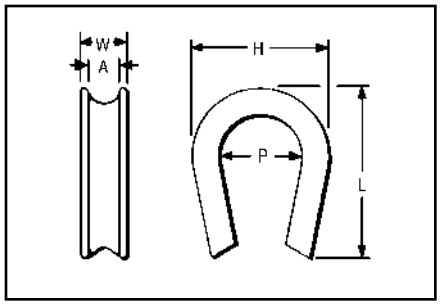
TYPE M

DEADEND THIMBLE

Deadend Copper Conductor or Guy Wire

High strength corrosion resistant copper alloy thimble groove to fit any size guy wire used for deadending. Generous radius prevents kinking or overstressing outer strands of wire.





Catalog Number	Groove Size A	Dimensions			
		H	L	P	W
M20	5/16	1-5/8	1-7/8	7/8	5/8
M30	3/8	1-7/8	2-1/8	1	
M40	7/16	1-3/4	2-5/8	1-1/8	
M50	1/2	1-7/8	2-1/4		
M60	5/8	2-1/4	2-5/8	1-3/8	7/8
M70	3/4	2-5/8	3-1/4	1-1/2	1
M80	7/8	3	3-3/8	1-3/4	1-1/4
M90	1	3-3/8	3-3/4	2	1-3/8

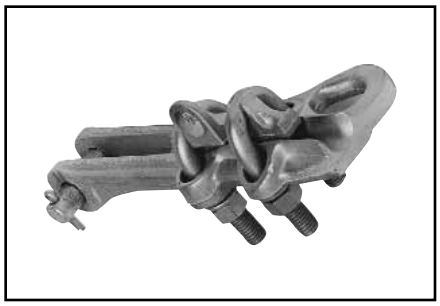
Blue highlighted items are industry standard and most frequently ordered.

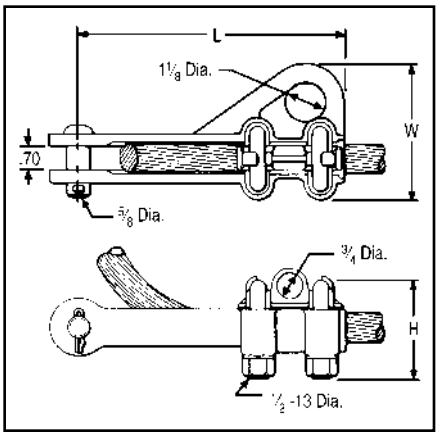
TYPE CUW-E

DEADEND CLAMP

For Copper

High strength, two-bolt, cast copper alloy strain clamp with single saddle designed for short span distribution and strain bus application. Galvanized steel clevis pin, and U-bolts.





Catalog Number	Conductor Range	Dimensions		
		H	L	W
CUW34-E	4/0 Str. - 500	3	7-3/8	4
CUW44-E	500 - 1000	3-3/8	8-3/4	4-1/2

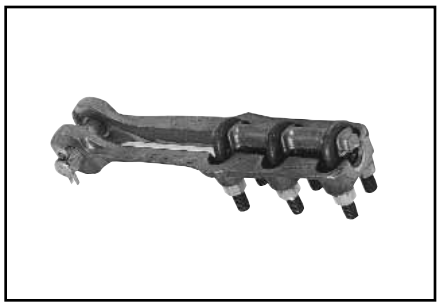
H-67

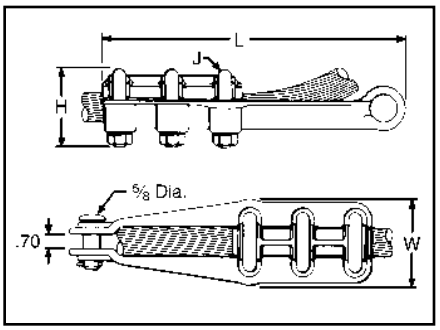
TYPE DUW

DEADEND CLAMP

For Copper

High strength corrosion resistant copper alloy strain clamp with three DURIUM™ U-bolts and single serrated saddle. Galvanized steel clevis pin.





Catalog Number	Conductor	Dimensions			
		H	J	L	W
DUW28	1 Str. - 4/0 Str.	2-1/2	3/8	9-7/8	2-1/4
DUW31	4/0 Str. - 350	2			2-3/8
DUW34	350 - 500	2-5/8	1/2		2-3/4
DUW44	500 - 1000	2-7/8		11-3/8	3-1/4

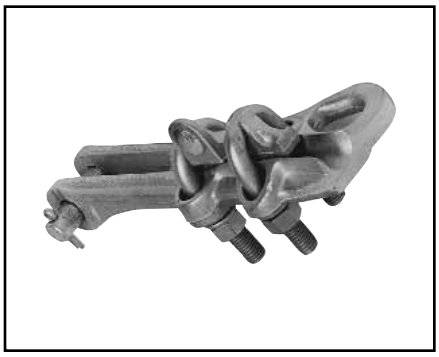
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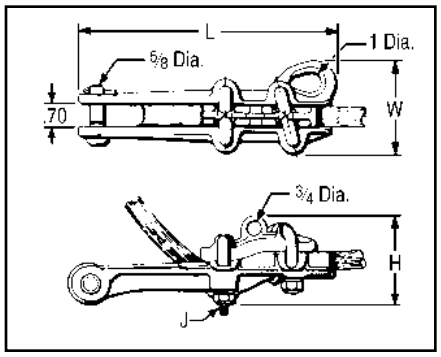
TYPES CUW-A-E & CUW-R-E

DEADEND CLAMP

For Aluminum†, ACSR†, 6201 and 5005

High strength aluminum clamp for deadending primary distribution lines. Straight-line design, with hot stick lifting-eye, pulling-eye, and captured, angled U-bolts, facilitates installation and maintenance, especially on hot-line work. Snub-pocket V-shaped, range-taking conductor groove and galvanized steel U-bolts provide high holding strength.





RUS Accepted

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Catalog Number	Aluminum †	ACSR†, 6201, 5005	Dimensions			
			H	J	L	W
CUW26RE-1	2 Str. - 2/0 (19)	4 - 2/0	3	3/8-16	8	3
CUW30A-E	1/0 (7) - 300	1/0 - 266.8 (18-1)	3-5/8	1/2-13	10	3-1/2
CUW32R-E	3/0 (7) - 350	3/0 - 336.4 (26-7)	4	1/2-13	10	3-5/8
CUW361R-E	4/0 - 500	4/0 - 477 (18-1)	4-1/8	1/2-13	11	3-5/8
CUW391A-E	336.4 - 795	300 (26-7) 636 (26-7)	4-7/8	1/2-13	11	4-1/8

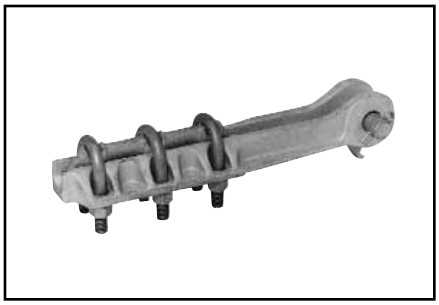
† Accommodates compressed conductors within diameter range.

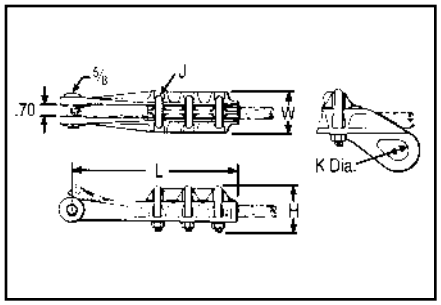
TYPES DUW-A & DUW-A-E

DEADEND CLAMP

For Aluminum†, ACSR†, 6201 and 5005

High strength cast aluminum alloy clamp recommended for strain bus applications. Three galvanized steel U-bolts, single saddle and headed clevis pin provide high holding strength. Type DUW-A-E has pulling-eye in line with conductor for easier installation.



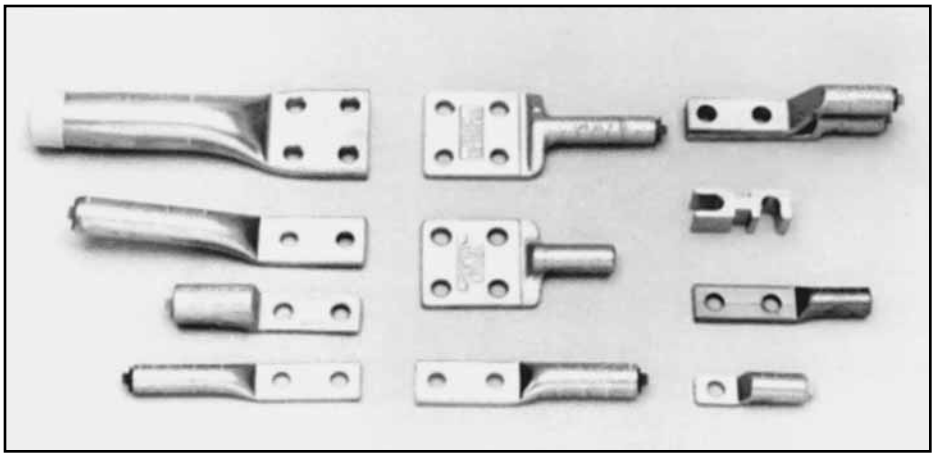


Catalog Number		Conductor		Dimensions				
Without Pulling Eye	With Pulling Eye	Aluminum†	ACSR†, 6201, 5005	H	J	K	L	W
DUW28A	—	1 - 4/0	2 (7-1) - 4/0	2	3/8	7/8	9-1/2	2-1/4
DUW44A	**DUW44A-E**	500 - 1000	397.5 (30-7) - 900 (54-7)	3-3/8	1/2	1-1/4	11-1/4	3-5/8

Blue highlighted items are industry standard and most frequently ordered.

COMPRESSION TERMINALS AND ACCESSORIES

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Type **YCA-RL-2N** **H-71**
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Type **YAK-A-2G** **H-74**
Types **YCAK-A** & **YRA** **H-75**

Blue highlighted items are industry standard and most frequently ordered.

COMPRESSION TERMINALS & ACCESSORIES

Compression terminals are used to make convenient and reliable connections to switch pads, transformers, and other electrical equipment. They accommodate either copper, aluminum, ACSR, ACAR, Alumoweld, or steel conductor and come with one, two or four hole NEMA drilled pads to match the equipment drilling. Standard copper and aluminum terminals are also listed in the compression section B.

TYPES YCA-2N & YCAB-4N

HYLUG™

Compression Terminal for Copper

Compression HYLUG™ terminals designed for terminating copper conductors to switch pads and other substation or switch yard apparatus. NEMA standard mounting holes. Made of pure copper. Installed with same die as equivalent full-tension jumper loop and repair sleeves.

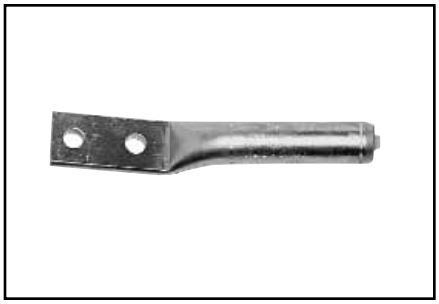


Fig. 1

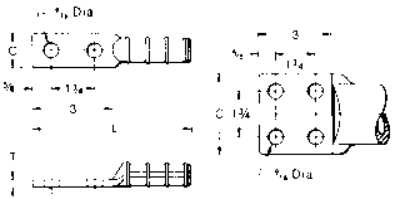


Fig. 2

Catalog Number	Conductor	Fig. No.	C	L	T	Die Index	Tools, Die Set Catalog Number, & (Number of Crimps)			
							MD7, MD6	Y35, Y750, Y45†, Y46‡	Y48B	Y60BHU
YCA25-2N	1/0 (7, 19)	1	7/8	5-3/8	1/8	165	W165 (3)	U165/U205 (3)	—	—
YCA26-2N	2/0 (7, 19, 37)		1	5-1/4	1/4	166	W166 (6)	U166/U459 (3)	—	—
YCA27-2N	3/0 (7, 19)		1-1/8	5-3/8		167	—	U167/U568 (3)	C167 (1)	L167 (1)
YCA28-2N	4/0 (7, 12, 19)		1-1/4		3/8	168	—	U168 (3)	C168 (1)	L168 (1)
YCAB28-4N		2	3	5-5/8			—			
YCA29-2N	250 (7, 19, 37)	1	1-3/8			169	—	U169 (4)	C169 (1)	L169 (1)
YCA30-2N	300 (19, 37)		1-1/2	5-1/2		170	—	U170 (5)	C170 (1)	L170 (1)
YCA31-2N	350 (12, 19, 37)		1-5/8	6-1/2	1/2	267	—	U267 (6)	C267 (2)	L267 (2)
YCA32-2N	400 (19, 37)			6-3/4		209	—	U209 (6)	C209 (2)	L209 (2)
YCAB32-4N		2	3	7-1/8			—			
YCA34-2N	500 (19, 37)	1	1-7/8	6-1/2	3/8	210	—	U210 (6)	C210 (2)	L210 (2)
YCAB34-4N		2	3	6-7/8	1/2		—			
YCA39-2N	750 (37, 61)	1	2-3/8	7-1/4	5/8	627	—	—	C627 (3)	L627 (3)
YCAB39-4N		2	3	7-1/2	1/2		—	—		
YCAB44-4N	1000 (61)			7-7/8	5/8	345	—	—	C345 (4)	L345 (4)

YCAB have brazed pads.
† U Die with adapter PT-6515.
‡ U Die with adapter PUADP-1.

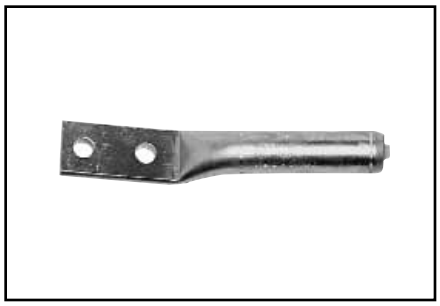
Blue highlighted items are industry standard and most frequently ordered.

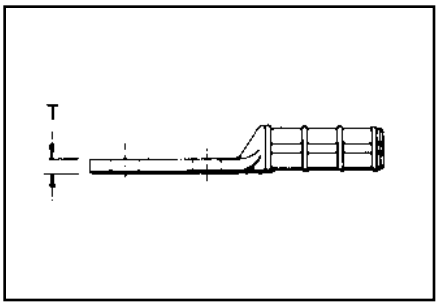
TYPE YCA-RL-2N

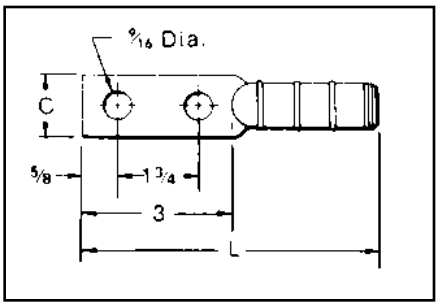
HYLUG™

Compression Terminals for Aluminum, ACSR, 6201, 5005, Compressed and Compact Conductors

Aluminum compression HYLUG™ for terminating overhead conductors to switch pads and other substation or switch yard apparatus. NEMA standard mounting holes. Installed with same die as equivalent full-tension UNISPLICE™. Pre-filled with PENETROX™ joint compound and capped.







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Catalog Number	Conductor	C	L	T	Die Index	Tools, Die Set Catalog Number, & Number of Crimps	
						MD7, MD6	Y35, Y750, Y45† Y46‡
YCA4RL-2N	4 ACSR (6-1, 7-1) 4 6201 (7) 4 AAC (7)	7/8	6	3/8	BG, 687, 243	W-BG (8) Fixed BG (8) W687 (4)	U243
YCA2RL-2N	2 ACSR (6-1, 7-1) 2 6201 (7) 2 AAC (7)	7/8	6		BG, 687, 243	W-BG (8) Fixed BG (8) W687 (4)	U243
YCA25RL-2N	1/0 ACSR (6-1) 1/0 6201 (7) 1/0 5005 (7) 1/0 AAC (7)	1-1/8	7		C, or 247, or 702	WC 12 — W702 4 Non-Bow	— U247 3 —
YCA26RL-2N	2/0 ACSR (6-1) 2/0 6201 (7) 2/0 5005 (7) 2/0 AAC (7)		6-1/2		659	—	U659 3
YCA27RL-2N	3/0 ACSR (6-1) 3/0 6201 (7) 3/0 AAC (7) 3/0 AAC (7)	1-1/4			658		U658 3
YCA28RL-2N	4/0 ACSR (6-1) 4/0 6201 (7) 4/0 5005 (7) 4/0 AAC (7)	1-1/2			654		U654 3
YCA321RL-2N	336.4 ACSR (18-1) 336.4 AAC (19) 350 AAC	1-5/8			655		U655 3

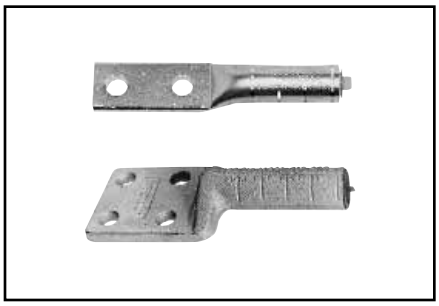
† U Die with adapter PT-6515.
‡ U Die with adapter PUADP-1.

Blue highlighted items are industry standard and most frequently ordered.

TYPES YCA-R-N & YCAK-R-N

Compression Terminals for Aluminum, ACSR, 6201, 5005, Compressed and Compact Conductors

Aluminum compression HYLUG™ for terminating jumper loops and equipment taps at switchpads and other substation apparatus, or to YDW-R deadends. NEMA standard mounting holes. Installed with same dies as equivalent full-tension sleeves. Pre-filled with PENETROX™ joint compound.



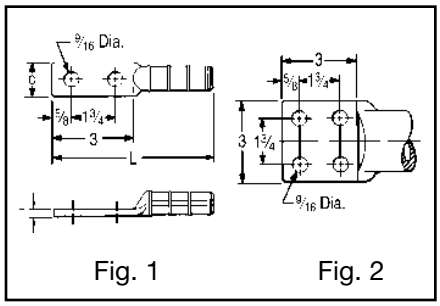


Fig. 1 Fig. 2

Catalog Number	Conductor		Fig. No.	C	L	T	Die Index	Tools, Die Set Catalog Number, & (Number of Crimps)					
	ACSR, 6201, 5005	Aluminum						MD7, MD6	Y35, Y750	Y45	Y46	Y48B	Y60BHU
YCA4R-2N	4	4 (7)	1	1-1/4	5-5/8	1/4	237	W237 (3)	U237 (2)	†	‡	—	—
YCA2R-2N	2	2 (7)					239	W239 (3)	U239 (2)	†	‡	—	—
YCA25R-2N	1/0	1/0 (7, 19)		7/8	6-1/4		KS18, BG, or	BG (8) W-BG (4)*	U-BG (4)	†	‡	—	—
YCAK25R-4N			2	3	6-7/8	3/8	243, 8A	U243 (2)	U243 (2)	†	‡	C243 (2)	L243 (1)
YCA26R-2N	2/0	2/0 (7, 19)	1	1	6-3/8	1/4	245, 9A	W245 (4)	U245 (2)	†	‡	C245 (2)	L245 (1)
YCA27R-2N	3/0 - 110.8 (12-7)	3/0 7, 19)		1-1/8	6-3/4		247	W247 (6)	U247 (3)	†	‡	C247 (3)	L247 (2)
YCA28R-2N	4/0 (6-1, 6-7)	4/0 (7, 19)		1-1/4	6-7/8		K840, 249 11A	W249 (6)	U249 (3)	†	‡	C249 (1)	L249 (2)
YCAK28R-4N			2	3	7-3/8	3/8				†	‡		
YCA30R-2N	266.8 (18-1, 6-7, 26-7)	266.8 (7, 19)	1	1-1/2	6-3/4		251	—	U251 (4)	†	‡	C251 (2)	L251 (2)
YCAK30R-4N			2	3	7-3/8			—		†	‡		
YCA321R-2N	336.4 (18-1)	336.4 (19) - 350 (19, 37, 61)	1	1-1/2	7		321	—	U321 (4)	†	‡	C321 (2)	L321 (2)
YCAK321R-4N			2	3	7-1/8			—					
YCA33R-2N	336.4 (26-7, 30-7) 397.5 (18-1)	397.5 (19)	1	1-5/8	7-1/4		316	—	U316 (4)	†	‡	C316 (2)	L316 (2)
YCAK33R-4N			2	3	7-3/8			—					
YCA35R-2N	397.5 (26-7, 30-7)	477 (19, 37) - 500 (37, 61)	1	1-7/8	7-1/2		317	—	U317 (4)	†	‡	C317 (2)	L317 (2)
YCAK35R-4N			2	3	7-3/8			—					
YCA361R-2N	477 (18-1)	500 (37, 61)	1	1-7/8	7-5/8	7/16	327	—	U327 (4)	†	‡	C327 (2)	L327 (2)
YCAK361R-4N			2	3				—					
YCA37R-2N	556.5 (18-1) 477 (24-7, 26-7, 30-7)	556.5 (19, 37)	1	2	8-1/8	3/8	261	—	U261 (5)	†	‡	C261 (2)	L261 (2)
YCAK37R-4N			2	3									
YCA39R-2N	556.5 (24-7, 26-7)	—	1	2-1/8	8-3/8	1/2	608	—	U608 (6)	†	‡	C608 (2)	L608 (2)
YCAK39R-4N			2	3	8-1/8			—					
YCAK361A-4N	—	636 (37)					469	—	—	S469 (6)	P469 (6)	C469 (2)	L469 (2)

* Multiple crimp die set; makes more than one crimp per tool compression. Figure indicates number of compressions.
† U Die with adapter PT-6515.
‡ U Die with adapter PUADP-1.
YCA HYLUGS™ are made from heavy walled tubing. YCA4R-2N, YCA2R-2N and all YCAK HYLUGS™ are cast aluminum alloy.

(Table continued on next page.)

Blue highlighted items are industry standard and most frequently ordered.

TYPES YCA-R-N & YCAK-R-N

(Continued)

Compression Terminals for Aluminum, ACSR, 6201, 5005, Compressed and Compact Conductors

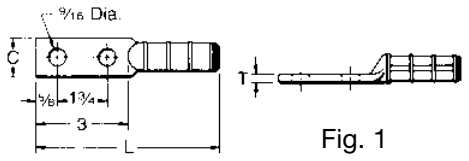


Fig. 1

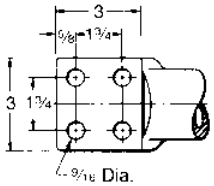


Fig. 2

Catalog Number	Conductor		Fig. No.	C	L	T	Die Index	Tools, Die Set Catalog No., & (No. of Crimps)			
	ACSR, 6201, 5005	Aluminum						Y45	Y46	Y48B	Y60BHU
YCA43R-2N	605 (30-19) 636 (24-7, 26-7, 30-19) 666.6 (24-7)	795 (37, 61) 700 (61) 750 (61)	1	2-/12	10-1/4	3/4	292 or 319	S292 (6) S319 (6)	P292 (6) P319 (6)	C292 (3) C319 (3)	L292 (3) L319 (3)
YCAK43R-4N			2	3	9-5/8	5/8					
YCA391A-2N	—	795 (37) 750 (61)	1	2-3/8	10-1/8		342	S342 (6)	P342 (6)	C342 (3)	L342 (3)
YCAK391A-4N			2	3	9-7/8						
YCAK453R-4N	795 (36-1) 715.5 (26-7) 795 (45-7)	—			9-5/8		292, 578	S292 (6)	P292 (6)	C292 (6)	L292 (3)
YCA44A2NG2	—	1000	1	2-3/8	11		342	S342 (6)	P342 (6)	C342 (3)	L342 (3)
YCA45R-2N	795 (26-7, 54-7)	900 (61, 91) 954 (37, 61) 1000 (61)	1	2-1/2	10-1/4		352	S352 (6) S579 (6)	P352 (6) P579 (6)	C352 (3) C579 (3)	L352 (3) L579 (3)
YCAK45R-4N			2	3	9-5/8						
YCA48R-4N	900 (54-7) 954 (54-7) (45-7) 1033.5 (45-7) (36-1)	—			10	3/4	575	—	—	C575 (3)	L575 (3)
YCA441A-4N	—	1033.5 (37, 61) - 113 (61)								C575 (3)	L575 (3)
YCA451A-4N	1113 (54-19)	1272 (61)			10-1/4	5/8	422			—	L422 (3)

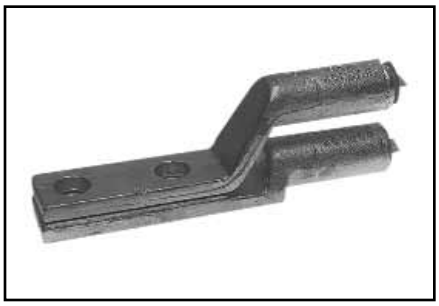
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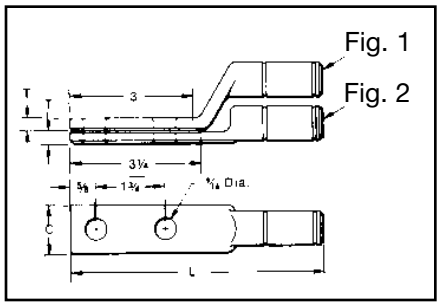
TYPE YAK-A-2G

STACKING HYLUG™

For Aluminum

Cast aluminum HYLUG™ with a special tongue configuration for stacking of conductors on two and four hole NEMA transformer or equipment terminal pads. Up to eight conductors may be stacked on one four hole NEMA pad. HYLUG™ is pre-filled with PENETROX™ joint compound and capped.





Catalog Number	Fig. No.	Conductor	C	L	T	Die Index	Tools, Die Set Catalog Number, & (Number of Crimps)			
							MD7, MD6 Series	Y35, Y750	Y45	Y46
YAK2CA2G1	1	2 Str.	7/8	5-5/8	1/4	BG K 5/8 243	BG (3) W-BG (1) W243 (1)	U-BG (1) UK 581T (3) U243 (1)	† † †	‡ ‡ ‡
YAK2CA2G2	2									
YAK25A-2G1	1	1/0 Str.								
YAK25A-2G2	2									
YAK28A-2G1	1	4/0 Str.**	1-1/8	6-1/4	5/16	249 K840	W249* W-K840*	U249*	† †	‡ ‡
YAK28A-2G2	2									
YAK29A-2G1	1	250	1-5/8	6-7/8	3/8	299 705	—	U31ART* U705	† †	‡ ‡
YAK31A-2G1	1	350								
YAK31A-2G2	2									
YAK311A-2G1	1	397.5		7-3/4	7/16	317 705		U317* U705*	† †	‡ ‡
YAK311A-2G2	2									
YAK34A-2G1	1	500								
YAK34A-2G2	2									
YAK-361A-2G1	1	600		8-1/4	5/8	608 786 722		U608* U786*	† S786* S722*	‡ P786* P722*
YAK-361A-2G2	2	636								
YAK39A-2G1	1	700								
YAK39A-2G2	2	750								
YAK44A-2NG8	1	1000		8-7/8		302		—	S44ART*	P44ART*
YAK44A-2NG7	2									

* Overlap crimps.
** Accommodates 4/0 Str., Al or Cu.
† U Die with adapter PT-6515.
‡ U Die with adapter PUADP-1.

Blue highlighted items are industry standard and most frequently ordered.

TYPES YCAK-A & YRA

ALUMINUM HYLUG™

For Aluminum, Copper or ACSR

Aluminum HYLUG™ for joining aluminum and copper cable to transformer and equipment pads. HYLUG™ is pre-filled with PENETROX™ joint compound and capped. Installed with standard tooling, five die sets install fourteen terminal size.

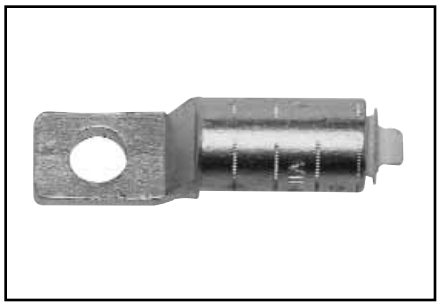


Fig. 1

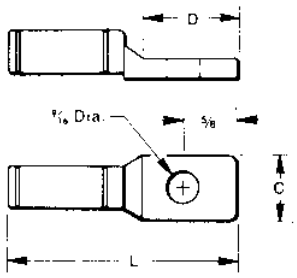
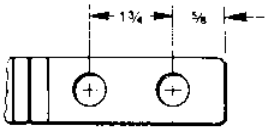


Fig. 2



H-75

Catalog Number	Fig. No.	Conductor			C	D	L	Die Index	Die Set, Tools, Catalog Number, & (Number of Crimps)			
		Copper	Aluminum Conc. & Compact	ACSR					MD7, MD6 Series	Y35, Y750	Y45	Y46
YRA8CU-1	1	6 Sol. - 8 Sol.	8 Str.	—	15/16	1-1/16	2-9/16	BG 243	BG (3) K 5/8 243 (1)	U-BG (1) U-K-5/8-1T (3) U243 (1)	† † †	‡ ‡ ‡
YRA6CU-1		4 Sol. - 6 Str.	4 Sol. - 6 Str.	6 (6-1)								
YRA4CU-1		2 Sol. - 4 Str.	2 Sol. - 4 Str.	4 (6-1, 7-1)								
YRA1CU-1		1 Str. - 2 Str.	1 Str. - 2 Str.**	2 (6-1, 7-1)								
YRA25A-1		—	1/0 Str.	—								
YRAL4CU		2 Sol. - 4 Str.	2 Sol. - 4 Str.	4 (6-1, 7-1)		1-1/4	3-1/4	249 K840	W249* WK840*	U249* UK-840	† †	‡ ‡
YRAL1CU		1 Str. - 2 Str.	1 Str. - 2 Str.	2 (6-1, 7-1)								
YRA25U		1/0 Str.	1/0 Str.	1/0 (6-1)								
YRA26U		2/0 Str.	2/0 Str.	2/0 (6-1)								
YRA27U		3/0 Str.	3/0 Str.	—								
YRA28U		4/0 Str.	4/0 Str.	—								
YCAK28A-2G1*	2			—								
YCAK29A-2G1*		250	250	4/0 (6-1)	1-1/4	3	5-5/8	317 705	—	U317* U705*	† S705* †	‡ P705* ‡
YCAK31AG1*	1	350	350	—		1-5/16	4-1/2					
YCAK31A-2G1*	2						6-1/4					
YCAK34A-2G3*		500	500	—	1-1/2		6-1/2	608 786	— —	U608* U786*	† S786* †	‡ P786* ‡
YCAK36A-2G1*		—	600	—		3						
YCAK39A-2G2*		—	750	—			6-15/16					
YCAK44A-2G2*		—	1000	—	1-11/16		7-1/2	302	—	—	S44ART*	P44ART*

* Overlap crimps.
** YRA1CU-1 not recommended for 2 comp. conductor.
† U Die with adapter PT-6515.
‡ U Die with adapter PUADP-1.

Blue highlighted items are industry standard and most frequently ordered.

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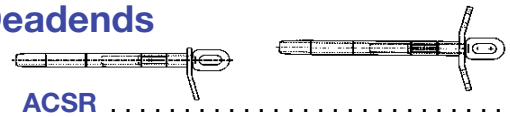
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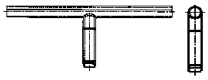
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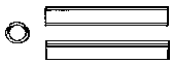
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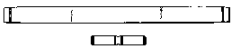
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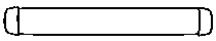
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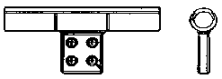
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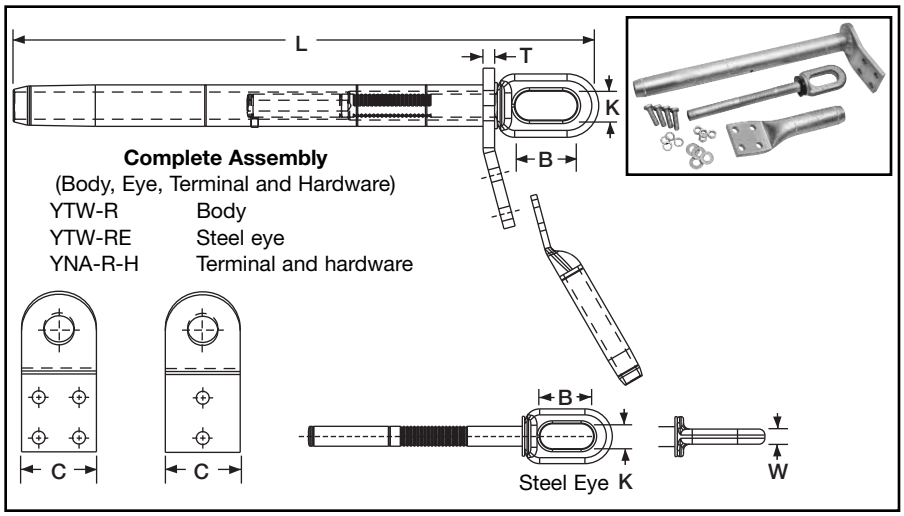
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Blue highlighted items are industry standard and most frequently ordered.

TYPE YTW-R-REK, YTW-R, YTW-RE, YNA-R-H

Single Pad Full Tension Deadend for ACSR Conductor

Full tension compression deadend for ACSR transmission lines up to and including 230 kV. Standard 15° NEMA tap pad provides either 0° or 30° tap when YNA-R15 terminal is used.



ACSR				Single Pad		Inches			Body		Inches			Eye	Terminal with	Term
Conductor Name	Size kcmil	Stranding Alum	Stranding Steel	Complete Assembly	Alum. Body	L	C	T	Die*‡	Steel Eye*	B	K	W	Die	Hardware	Die*‡
Linnet	336.4	26	7	**YTW32R34REK**	**YTW32R**	17.53	2.25	0.50	L717	**YTW34RE**	2.50	0.88	0.62	L718	**YNA32R15H**	L717
Oriole	336.4	30	7	**YTW32R33REK**	**YTW32R**	17.53	2.25	0.50	L717	**YTW33RE**	2.50	0.88	0.62	L718	**YNA32R15H**	L717
Ibis	397.5	26	7	**YTW34R34REK**	**YTW34R**	17.60	2.25	0.50	L719	**YTW34RE**	2.50	0.88	0.62	L718	**YNA34R15H**	L719
Flicker	477	24	7	**YTW36R362REK**	**YTW36R**	19.41	2.25	0.50	L720	**YTW362RE**	2.50	0.88	0.62	L721	**YNA36R15H**	L720
Hawk	477	26	7	**YTW36R36REK**	**YTW36R**	19.41	2.25	0.50	L720	**YTW36RE**	2.50	0.88	0.62	L721	**YNA36R15H**	L720
Parakeet	556.5	24	7	**YTW39R43REK**	**YTW39R**	19.66	2.25	0.50	L722	**YTW43RE**	2.50	0.88	0.69	L723	**YNA39R15H**	L722
Dove	556.5	26	7	**YTW39R43REK**	**YTW39R**	19.66	2.25	0.50	L722	**YTW43RE**	2.50	0.88	0.69	L723	**YNA39R15H**	L722
Peacock	605	24	7	**YTW43R43REK**	**YTW43R**	20.49	3.25	0.50	L724	**YTW43RE**	2.50	0.88	0.69	L723	**YNA43R15H**	L724
Squab	605	26	7	**YTW43R43REK**	**YTW43R**	20.49	3.25	0.50	L724	**YTW43RE**	2.50	0.88	0.69	L723	**YNA43R15H**	L724
Rook	636	24	7	**YTW43R43REK**	**YTW43R**	20.49	3.25	0.50	L724	**YTW43RE**	2.50	0.88	0.69	L723	**YNA43R15H**	L724
Grosbeak	636	26	7	**YTW43R43REK**	**YTW43R**	20.49	3.25	0.50	L724	**YTW43RE**	2.50	0.88	0.69	L723	**YNA43R15H**	L724
Flamingo	666.6	24	7	**YTW43R43REK**	**YTW43R**	20.49	3.25	0.50	L724	**YTW43RE**	2.50	0.88	0.69	L723	**YNA43R15H**	L724
Starling	715.5	26	7	**YTW451R48REK**	**YTW451R**	25.41	3.25	0.50	L725	**YTW48RE**	2.69	1.25	0.75	L726	**YNA451R15H**	L725
Cuckoo	795	24	7	**YTW451R45REK**	**YTW451R**	25.41	3.25	0.50	L725	**YTW45RE**	2.69	1.25	0.75	L726	**YNA451R15H**	L725
Drake	795	26	7	**YTW451R48REK**	**YTW451R**	25.41	3.25	0.50	L725	**YTW48RE**	2.69	1.25	0.75	L726	**YNA451R15H**	L725
Tern	795	45	7	**YTW451R481REK**	**YTW451R**	25.41	3.25	0.50	L725	**YTW481RE**	2.69	1.25	0.75	L726	**YNA451R15H**	L725
Condor	795	54	7	**YTW451R45REK**	**YTW451R**	25.41	3.25	0.50	L725	**YTW45RE**	2.69	1.25	0.75	L726	**YNA451R15H**	L725
Ruddy	900	45	7	**YTW48R481REK**	**YTW48R**	25.50	3.25	0.50	L727	**YTW481RE**	2.69	1.25	0.75	L726	**YNA49R15H**	L727
Rail	954	45	7	**YTW48R481REK**	**YTW48R**	25.50	3.25	0.50	L727	**YTW481RE**	2.69	1.25	0.75	L726	**YNA49R15H**	L727
Cardinal	954	54	7	**YTW48R48REK**	**YTW48R**	25.50	3.25	0.50	L727	**YTW48RE**	2.69	1.25	0.75	L726	**YNA49R15H**	L727
Ortolan	1033.5	45	7	**YTW49R483REK**	**YTW49R**	27.35	3.25	0.50	L727	**YTW483RE**	2.69	1.25	1.00	L726	**YNA49R15H**	L727
Curlew	1033.5	54	7	**YTW49R50REK**	**YTW49R**	27.35	3.25	0.50	L727	**YTW50RE**	2.69	1.25	1.00	L726	**YNA49R15H**	L727
Bluejay	1113	45	7	**YTW49R483REK**	**YTW49R**	27.35	3.25	0.50	L727	**YTW483RE**	2.69	1.25	1.00	L726	**YNA49R15H**	L727
Finch	1113	54	19	**YTW52R50REK**	**YTW52R**	31.55	3.25	0.50	L728	**YTW50RE**	2.69	1.25	1.00	L726	**YNA52R15H**	L728
Bunting	1192.5	45	7	**YTW52R521REK**	**YTW52R**	31.55	4.00	0.62	L728	**YTW521RE**	2.69	1.25	1.00	L726	**YNA52R15H**	L728
Bittern	1272	45	7	**YTW52R521REK**	**YTW52R**	31.55	4.00	0.62	L728	**YTW521RE**	2.69	1.25	1.00	L726	**YNA52R15H**	L728
Pheasant	1272	54	19	**YTW52R56REK**	**YTW52R**	31.55	4.00	0.62	L728	**YTW56RE**	2.69	1.25	1.00	L726	**YNA52R15H**	L728
Dipper	1351.5	45	7	**YTW52R521REK**	**YTW52R**	31.55	4.00	0.62	L728	**YTW521RE**	2.69	1.25	1.00	L726	**YNA52R15H**	L728
Martin	1351.5	54	19	**YTW52R56REK**	**YTW52R**	31.55	4.00	0.62	L728	**YTW56RE**	2.69	1.25	1.00	L726	**YNA52R15H**	L728
Nuthatch	1510.5	45	7	**YTW549R521REK**	**YTW549R**	31.55	4.00	0.62	L729	**YTW521RE**	2.69	1.25	1.00	L726	**YNA56R15H**	L729
Parrot	1510.5	54	19	**YTW549R56REK**	**YTW549R**	31.55	4.00	0.62	L729	**YTW56RE**	2.69	1.25	1.00	L726	**YNA56R15H**	L729
Lapwing	1590	45	7	**YTW549R549REK**	**YTW549R**	31.55	4.00	0.62	L729	**YTW549RE**	2.69	1.25	1.00	L726	**YNA56R15H**	L729
Falcon	1590	54	19	**YTW56R590REK**	**YTW56R**	31.99	4.00	0.62	L729	**YTW590RE**	2.69	1.25	1.00	L726	**YNA56R15H**	L729
Chukar	1780	84	19	**YTW58R58REK**	**YTW58R**	32.99	4.00	0.62	L735	**YTW58RE**	2.69	1.25	1.00	L726	**YNA58R15H**	L735
Bluebird	2156	84	19	**YTW59R59REK**	**YTW59R**	33.34	4.00	0.62	L735	**YTW59RE**	2.69	1.25	1.00	L726	**YNA59R15H**	L735
Kiwi	2167	72	7	**YTW59R591REK**	**YTW59R**	33.34	4.00	0.62	L735	**YTW591RE**	2.69	1.25	1.00	L726	**YNA59R15H**	L735

Complete Assembly: Includes Aluminum body, Steel eye, 15 degree terminal and aluminum hardware.
For stainless steel hardware add SS to end of catalog number for complete assembly (example: YTW32R34REKSS) or to terminal (YNA32R15HSS) if ordered separately.

For assembly without terminal and hardware add NT to end of complete assembly catalog number (example: YTW32R34REKNT).
Two hole NEMA pads standard on conductors up to 556.5 kcmil; Four hole NEMA pads on larger conductor sizes.

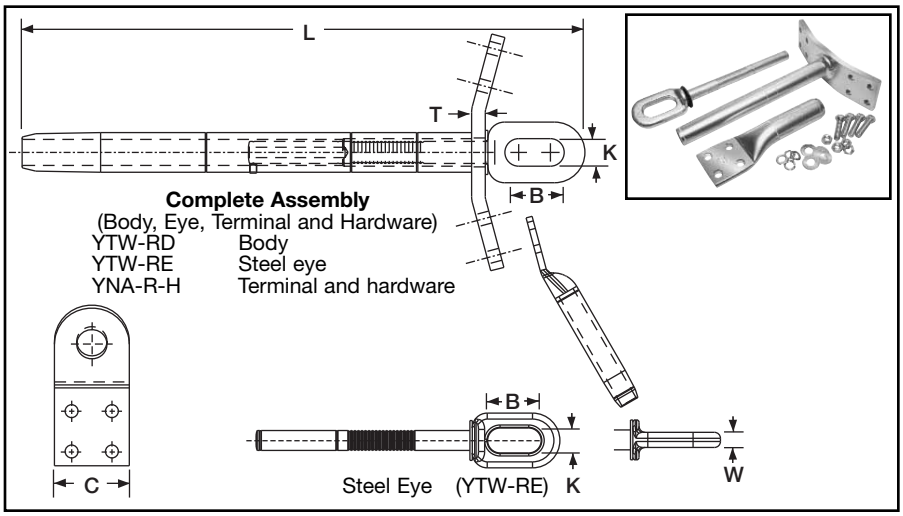
* Overlap crimps.
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

Blue highlighted items are industry standard and most frequently ordered.

TYPES YTW-RD-REK, YTW-RD, YTW-RE, YNA-R-H

Double Pad Full Tension Deadend for ACSR Conductor

Full tension compression deadend for ACSR transmission lines up to and including 230 kV. Standard 15° NEMA tap pad provides either 0° or 30° tap when YNA-R15 terminal is used.



I-4

ACSR				Double Pad		Inches			Body		Inches			Eye	Terminal with	Term
Conductor Name	Size kcmil	Stranding Alum	Stranding Steel	Complete Assembly	Alum. Body	L	C	T	Die*‡	Steel Eye*	B	K	W	Die	Hardware	Die*‡
Linnet	336.4	26	7	**YTW32RD34REK**	**YTW32RD**	17.53	2.25	0.50	L717	**YTW34RE**	2.50	0.88	0.62	L718	**YNA32R15H**	L717
Oriole	336.4	30	7	**YTW32RD33REK**	**YTW32RD**	17.53	2.25	0.50	L717	**YTW33RE**	2.50	0.88	0.62	L718	**YNA32R15H**	L717
Ibis	397.5	26	7	**YTW34RD34REK**	**YTW34RD**	17.60	2.25	0.50	L719	**YTW34RE**	2.50	0.88	0.62	L718	**YNA34R15H**	L719
Flicker	477	24	7	**YTW36RD362REK**	**YTW36RD**	15.44	2.25	0.50	L720	**YTW362RE**	2.50	0.88	0.62	L721	**YNA36R15H**	L720
Hawk	477	26	7	**YTW36RD36REK**	**YTW36RD**	19.41	2.25	0.50	L720	**YTW36RE**	2.50	0.88	0.62	L721	**YNA36R15H**	L720
Parakeet	556.5	24	7	**YTW39RD43REK**	**YTW39RD**	19.66	2.25	0.50	L722	**YTW43RE**	2.50	0.88	0.69	L723	**YNA39R15H**	L722
Dove	556.5	26	7	**YTW39RD43REK**	**YTW39RD**	19.66	2.25	0.50	L722	**YTW43RE**	2.50	0.88	0.69	L723	**YNA39R15H**	L722
Peacock	605	24	7	**YTW43RD43REK**	**YTW43RD**	20.49	3.25	0.50	L724	**YTW43RE**	2.50	0.88	0.69	L723	**YNA43R15H**	L724
Squab	605	26	7	**YTW43RD43REK**	**YTW43RD**	20.49	3.25	0.50	L724	**YTW43RE**	2.50	0.88	0.69	L723	**YNA43R15H**	L724
Rook	636	24	7	**YTW43RD43REK**	**YTW43RD**	20.49	3.25	0.50	L724	**YTW43RE**	2.50	0.88	0.69	L723	**YNA43R15H**	L724
Grosbeak	636	26	7	**YTW43RD43REK**	**YTW43RD**	20.49	3.25	0.50	L724	**YTW43RE**	2.50	0.88	0.69	L723	**YNA43R15H**	L724
Flamingo	666.6	24	7	**YTW43RD43REK**	**YTW43RD**	20.49	3.25	0.50	L724	**YTW43RE**	2.50	0.88	0.69	L723	**YNA43R15H**	L724
Starling	715.5	26	7	**YTW451RD48REK**	**YTW451RD**	25.41	3.25	0.50	L725	**YTW48RE**	2.69	1.25	0.75	L726	**YNA451R15H**	L725
Cuckoo	795	24	7	**YTW451RD45REK**	**YTW451RD**	25.41	3.25	0.50	L725	**YTW45RE**	2.69	1.25	0.75	L726	**YNA451R15H**	L725
Drake	795	26	7	**YTW451RD48REK**	**YTW451RD**	25.41	3.25	0.50	L725	**YTW48RE**	2.69	1.25	0.75	L726	**YNA451R15H**	L725
Tern	795	45	7	**YTW451RD481REK**	**YTW451RD**	25.41	3.25	0.50	L725	**YTW481RE**	2.69	1.25	0.75	L726	**YNA451R15H**	L725
Condor	795	54	7	**YTW451RD45REK**	**YTW451RD**	25.41	3.25	0.50	L725	**YTW45RE**	2.69	1.25	0.75	L726	**YNA451R15H**	L725
Ruddy	900	45	7	**YTW48RD481REK**	**YTW48RD**	25.50	3.25	0.50	L727	**YTW481RE**	2.69	1.25	0.75	L726	**YNA49R15H**	L727
Rail	954	45	7	**YTW48RD481REK**	**YTW48RD**	25.50	3.25	0.50	L727	**YTW481RE**	2.69	1.25	0.75	L726	**YNA49R15H**	L727
Cardinal	954	54	7	**YTW48RD48REK**	**YTW48RD**	25.50	3.25	0.50	L727	**YTW48RE**	2.69	1.25	0.75	L726	**YNA49R15H**	L727
Ortolan	1033.5	45	7	**YTW49RD483REK**	**YTW49RD**	27.35	3.25	0.50	L727	**YTW483RE**	2.69	1.25	1.00	L726	**YNA49R15H**	L727
Curlew	1033.5	54	7	**YTW49RD50REK**	**YTW49RD**	27.35	3.25	0.50	L727	**YTW50RE**	2.69	1.25	1.00	L726	**YNA49R15H**	L727
Bluejay	1113	45	7	**YTW49RD483REK**	**YTW49RD**	27.35	3.25	0.50	L727	**YTW483RE**	2.69	1.25	1.00	L726	**YNA49R15H**	L727
Finch	1113	54	19	**YTW52RD50REK**	**YTW52RD**	31.55	3.25	0.50	L728	**YTW50RE**	2.69	1.25	1.00	L726	**YNA52R15H**	L728
Bunting	1192.5	45	7	**YTW52RD521REK**	**YTW52RD**	31.55	4.00	0.62	L728	**YTW521RE**	2.69	1.25	1.00	L726	**YNA52R15H**	L728
Bittern	1272	45	7	**YTW52RD521REK**	**YTW52RD**	31.55	4.00	0.62	L728	**YTW521RE**	2.69	1.25	1.00	L726	**YNA52R15H**	L728
Pheasant	1272	54	19	**YTW52RD56REK**	**YTW52RD**	31.55	4.00	0.62	L728	**YTW56RE**	2.69	1.25	1.00	L726	**YNA52R15H**	L728
Dipper	1351.5	45	7	**YTW52RD521REK**	**YTW52RD**	31.55	4.00	0.62	L728	**YTW521RE**	2.69	1.25	1.00	L726	**YNA52R15H**	L728
Martin	1351.5	54	19	**YTW52RD56REK**	**YTW52RD**	31.55	4.00	0.62	L728	**YTW56RE**	2.69	1.25	1.00	L726	**YNA52R15H**	L728
Nuthatch	1510.5	45	7	**YTW549RD521REK**	**YTW549RD**	31.55	4.00	0.62	L729	**YTW521RE**	2.69	1.25	1.00	L726	**YNA56R15H**	L729
Parrot	1510.5	54	19	**YTW549RD56REK**	**YTW549RD**	31.55	4.00	0.62	L729	**YTW56RE**	2.69	1.25	1.00	L726	**YNA56R15H**	L729
Lapwing	1590	45	7	**YTW549RD549REK**	**YTW549RD**	31.55	4.00	0.62	L729	**YTW549RE**	2.69	1.25	1.00	L726	**YNA56R15H**	L729
Falcon	1590	54	19	**YTW56RD590REK**	**YTW56RD**	31.99	4.00	0.62	L729	**YTW590RE**	2.69	1.25	1.00	L726	**YNA56R15H**	L729
Chukar	1780	84	19	**YTW58RD58REK**	**YTW58RD**	32.99	4.00	0.62	L735	**YTW58RE**	2.69	1.25	1.00	L726	**YNA58R15H**	L735
Bluebird	2156	84	19	**YTW59RD59REK**	**YTW59RD**	33.34	4.00	0.62	L735	**YTW59RE**	2.69	1.25	1.00	L726	**YNA59R15H**	L735
Kiwi	2167	72	7	**YTW59RD591REK**	**YTW59RD**	33.34	4.00	0.62	L735	**YTW591RE**	2.69	1.25	1.00	L726	**YNA59R15H**	L735

Complete Assembly: Includes Aluminum body, Steel eye, 15 degree terminal and aluminum hardware.
For stainless steel hardware add SS to end of catalog number for complete assembly (example: YTW32RD34REKSS) or to terminal (YNA32R15HSS) if ordered separately.

For assembly without terminal and hardware add NT to end of complete assembly catalog number (example: YTW32RD34REKNT).
Two hole NEMA pads standard on conductors up to 556.5 kcmil; Four hole NEMA pads on larger conductor sizes.

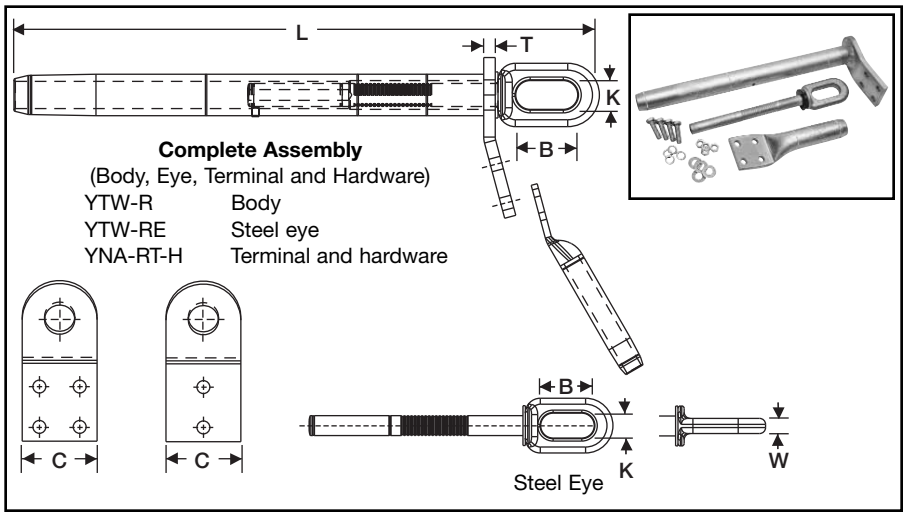
* Overlap crimps.
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

Blue highlighted items are industry standard and most frequently ordered.

TYPES YTW-RT-REK, YTW-RT, YTW-RE, YNA-RT-H EHV

Single Pad, EHV Full Tension Deadend for ACSR Conductor

Full tension compression deadend for ACSR transmission lines at 345 kV and over. Standard 15° NEMA tap pad provides either 0° or 30° tap when YNA-R15 terminal is used.



ACSR				Single Pad		Inches			Body		Inches			Eye	Terminal with	Term
Conductor Name	Size kcmil	Stranding Alum	Stranding Steel	Complete Assembly	Alum. Body	L	C	T	Die*‡	Steel Eye*	B	K	W	Die	Hardware	Die*‡
Linnet	336.4	26	7	**YTW32RT34REK**	**YTW32RT**	17.53	2.25	0.50	L717	**YTW34RE**	2.50	0.88	0.62	L718	**YNA32RT15H**	L717
Oriole	336.4	30	7	**YTW32RT33REK**	**YTW32RT**	17.53	2.25	0.50	L717	**YTW33RE**	2.50	0.88	0.62	L718	**YNA32RT15H**	L717
Ibis	397.5	26	7	**YTW34RT34REK**	**YTW34RT**	17.60	2.25	0.50	L719	**YTW34RE**	2.50	0.88	0.62	L718	**YNA34RT15H**	L719
Flicker	477	24	7	**YTW36RT362REK**	**YTW36RT**	19.41	2.25	0.50	L720	**YTW362RE**	2.50	0.88	0.62	L721	**YNA36RT15H**	L720
Hawk	477	26	7	**YTW36RT36REK**	**YTW36RT**	19.41	2.25	0.50	L720	**YTW36RE**	2.50	0.88	0.62	L721	**YNA36RT15H**	L720
Parakeet	556.5	24	7	**YTW39RT43REK**	**YTW39RT**	19.66	2.25	0.50	L722	**YTW43RE**	2.50	0.88	0.69	L723	**YNA39RT15H**	L722
Dove	556.5	26	7	**YTW39RT43REK**	**YTW39RT**	19.66	2.25	0.50	L722	**YTW43RE**	2.50	0.88	0.69	L723	**YNA39RT15H**	L722
Peacock	605	24	7	**YTW43RT43REK**	**YTW43RT**	20.49	3.25	0.50	L724	**YTW43RE**	2.50	0.88	0.69	L723	**YNA43RT15H**	L724
Squab	605	26	7	**YTW43RT43REK**	**YTW43RT**	20.49	3.25	0.50	L724	**YTW43RE**	2.50	0.88	0.69	L723	**YNA43RT15H**	L724
Rook	636	24	7	**YTW43RT43REK**	**YTW43RT**	20.49	3.25	0.50	L724	**YTW43RE**	2.50	0.88	0.69	L723	**YNA43RT15H**	L724
Grosbeak	636	26	7	**YTW43RT43REK**	**YTW43RT**	20.49	3.25	0.50	L724	**YTW43RE**	2.50	0.88	0.69	L723	**YNA43RT15H**	L724
Flamingo	666.6	24	7	**YTW43RT43REK**	**YTW43RT**	20.49	3.25	0.50	L724	**YTW43RE**	2.50	0.88	0.69	L723	**YNA43RT15H**	L724
Starling	715.5	26	7	**YTW451RT48REK**	**YTW451RT**	25.41	3.25	0.50	L725	**YTW48RE**	2.69	1.25	0.75	L726	**YNA451RT15H**	L725
Cuckoo	795	24	7	**YTW451RT45REK**	**YTW451RT**	25.41	3.25	0.50	L725	**YTW45RE**	2.69	1.25	0.75	L726	**YNA451RT15H**	L725
Drake	795	26	7	**YTW451RT48REK**	**YTW451RT**	25.41	3.25	0.50	L725	**YTW48RE**	2.69	1.25	0.75	L726	**YNA451RT15H**	L725
Tern	795	45	7	**YTW451RT481REK**	**YTW451RT**	25.41	3.25	0.50	L725	**YTW481RE**	2.69	1.25	0.75	L726	**YNA451RT15H**	L725
Condor	795	54	7	**YTW451RT45REK**	**YTW451RT**	25.41	3.25	0.50	L725	**YTW45RE**	2.69	1.25	0.75	L726	**YNA451RT15H**	L725
Ruddy	900	45	7	**YTW48RT481REK**	**YTW48RT**	25.50	3.25	0.50	L727	**YTW481RE**	2.69	1.25	0.75	L726	**YNA49RT15H**	L727
Rail	954	45	7	**YTW48RT481REK**	**YTW48RT**	25.50	3.25	0.50	L727	**YTW481RE**	2.69	1.25	0.75	L726	**YNA49RT15H**	L727
Cardinal	954	54	7	**YTW48RT48REK**	**YTW48RT**	25.50	3.25	0.50	L727	**YTW48RE**	2.69	1.25	0.75	L726	**YNA49RT15H**	L727
Ortolan	1033.5	45	7	**YTW49RT483REK**	**YTW49RT**	27.35	3.25	0.50	L727	**YTW483RE**	2.69	1.25	1.00	L726	**YNA49RT15H**	L727
Curlew	1033.5	54	7	**YTW49RT50REK**	**YTW49RT**	27.35	3.25	0.50	L727	**YTW50RE**	2.69	1.25	1.00	L726	**YNA49RT15H**	L727
Bluejay	1113	45	7	**YTW49RT483REK**	**YTW49RT**	27.35	3.25	0.50	L727	**YTW483RE**	2.69	1.25	1.00	L726	**YNA49RT15H**	L727
Finch	1113	54	19	**YTW52RT50REK**	**YTW52RT**	31.55	3.25	0.50	L728	**YTW50RE**	2.69	1.25	1.00	L726	**YNA52RT15H**	L728
Bunting	1192.5	45	7	**YTW52RT521REK**	**YTW52RT**	31.55	4.00	0.62	L728	**YTW521RE**	2.69	1.25	1.00	L726	**YNA52RT15H**	L728
Bittern	1272	45	7	**YTW52RT521REK**	**YTW52RT**	31.55	4.00	0.62	L728	**YTW521RE**	2.69	1.25	1.00	L726	**YNA52RT15H**	L728
Pheasant	1272	54	19	**YTW52RT56REK**	**YTW52RT**	31.55	4.00	0.62	L728	**YTW56RE**	2.69	1.25	1.00	L726	**YNA52RT15H**	L728
Dipper	1351.5	45	7	**YTW52RT521REK**	**YTW52RT**	31.55	4.00	0.62	L728	**YTW521RE**	2.69	1.25	1.00	L726	**YNA52RT15H**	L728
Martin	1351.5	54	19	**YTW52RT56REK**	**YTW52RT**	31.55	4.00	0.62	L728	**YTW56RE**	2.69	1.25	1.00	L726	**YNA52RT15H**	L728
Nuthatch	1510.5	45	7	**YTW549RT521REK**	**YTW549RT**	31.55	4.00	0.62	L729	**YTW521RE**	2.69	1.25	1.00	L726	**YNA56RT15H**	L729
Parrot	1510.5	54	19	**YTW549RT56REK**	**YTW549RT**	31.55	4.00	0.62	L729	**YTW56RE**	2.69	1.25	1.00	L726	**YNA56RT15H**	L729
Lapwing	1590	45	7	**YTW549RT549REK**	**YTW549RT**	31.55	4.00	0.62	L729	**YTW549RE**	2.69	1.25	1.00	L726	**YNA56RT15H**	L729
Falcon	1590	54	19	**YTW56RT590REK**	**YTW56RT**	31.99	4.00	0.62	L729	**YTW590RE**	2.69	1.25	1.00	L726	**YNA56RT15H**	L729
Chukar	1780	84	19	**YTW58RT58REK**	**YTW58RT**	32.99	4.00	0.62	L735	**YTW58RE**	2.69	1.25	1.00	L726	**YNA58RT15H**	L735
Bluebird	2156	84	19	**YTW59RT59REK**	**YTW59RT**	33.34	4.00	0.62	L735	**YTW59RE**	2.69	1.25	1.00	L726	**YNA59RT15H**	L735
Kiwi	2167	72	7	**YTW59RT591REK**	**YTW59RT**	33.34	4.00	0.62	L735	**YTW591RE**	2.69	1.25	1.00	L726	**YNA59RT15H**	L735

Complete Assembly: Includes Aluminum body, Steel eye, 15 degree terminal and aluminum hardware.
For stainless steel hardware add SS to end of catalog number for complete assembly (example: YTW32RD34REKSS) or to terminal (YNA32R15HSS) if ordered separately.

For assembly without terminal and hardware add NT to end of complete assembly catalog number (example: YTW32RD34REKNT).
Two hole NEMA pads standard on conductors up to 556.5 kcmil; Four hole NEMA pads on larger conductor sizes.

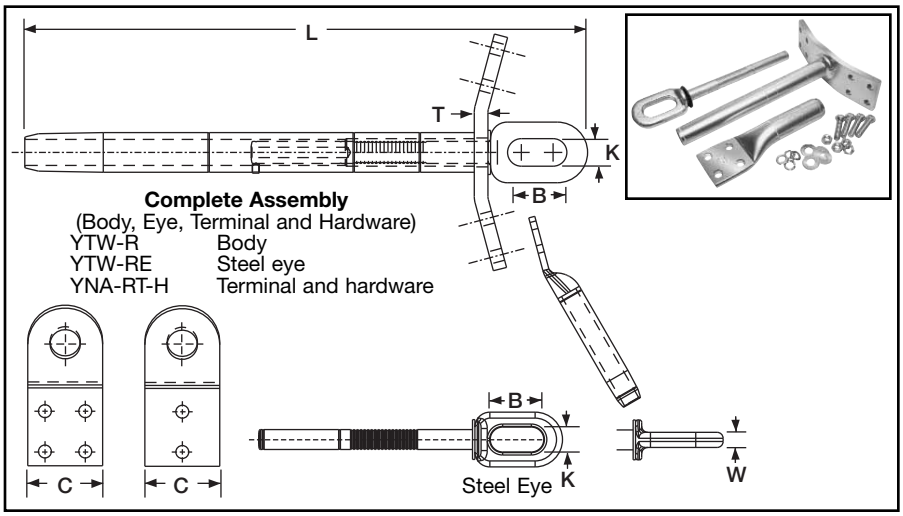
* Overlap crimps.
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

Blue highlighted items are industry standard and most frequently ordered.

TYPES YTW-RDT-REK, YTW-RDT, YTW-RE, YNA-RT-H EHV

Double Pad, EHV Full Tension Deadend for ACSR

Full tension compression deadend for ACSR transmission lines at 345 kV and over. Standard 15° NEMA tap pad provides either 0° or 30° tap when YNA-R15 terminal is used.



I-6

ACSR				Double Pad		Inches			Body		Inches			Eye	Terminal with	Term
Conductor Name	Size kcmil	Stranding Alum	Stranding Steel	Complete Assembly	Alum. Body	L	C	T	Die*‡	Steel Eye*	B	K	W	Die	Hardware	Die*‡
Linnet	336.4	26	7	**YTW32RDT34REK**	**YTW32RDT**	17.53	2.25	0.50	L717	**YTW34RE**	2.50	0.88	0.62	L718	**YNA32RT15H**	L717
Oriole	336.4	30	7	**YTW32RDT33REK**	**YTW32RDT**	17.53	2.25	0.50	L717	**YTW33RE**	2.50	0.88	0.62	L718	**YNA32RT15H**	L717
Ibis	397.5	26	7	**YTW34RDT34REK**	**YTW34RDT**	17.60	2.25	0.50	L719	**YTW34RE**	2.50	0.88	0.62	L718	**YNA34RT15H**	L719
Flicker	477	24	7	**YTW36RDT362REK**	**YTW36RDT**	15.44	2.25	0.50	L720	**YTW362RE**	2.50	0.88	0.62	L721	**YNA36RT15H**	L720
Hawk	477	26	7	**YTW36RDT36REK**	**YTW36RDT**	19.41	2.25	0.50	L720	**YTW36RE**	2.50	0.88	0.62	L721	**YNA36RT15H**	L720
Parakeet	556.5	24	7	**YTW39RDT43REK**	**YTW39RDT**	19.66	2.25	0.50	L722	**YTW43RE**	2.50	0.88	0.69	L723	**YNA39RT15H**	L722
Dove	556.5	26	7	**YTW39RDT43REK**	**YTW39RDT**	19.66	2.25	0.50	L722	**YTW43RE**	2.50	0.88	0.69	L723	**YNA39RT15H**	L722
Peacock	605	24	7	**YTW43RDT43REK**	**YTW43RDT**	20.49	3.25	0.50	L724	**YTW43RE**	2.50	0.88	0.69	L723	**YNA43RT15H**	L724
Squab	605	26	7	**YTW43RDT43REK**	**YTW43RDT**	20.49	3.25	0.50	L724	**YTW43RE**	2.50	0.88	0.69	L723	**YNA43RT15H**	L724
Rook	636	24	7	**YTW43RDT43REK**	**YTW43RDT**	20.49	3.25	0.50	L724	**YTW43RE**	2.50	0.88	0.69	L723	**YNA43RT15H**	L724
Grosbeak	636	26	7	**YTW43RDT43REK**	**YTW43RDT**	20.49	3.25	0.50	L724	**YTW43RE**	2.50	0.88	0.69	L723	**YNA43RT15H**	L724
Flamingo	666.6	24	7	**YTW43RDT43REK**	**YTW43RDT**	20.49	3.25	0.50	L724	**YTW43RE**	2.50	0.88	0.69	L723	**YNA43RT15H**	L724
Starling	715.5	26	7	**YTW451RDT48REK**	**YTW451RDT**	25.41	3.25	0.50	L725	**YTW48RE**	2.69	1.25	0.75	L726	**YNA451RT15H**	L725
Cuckoo	795	24	7	**YTW451RDT45REK**	**YTW451RDT**	25.41	3.25	0.50	L725	**YTW45RE**	2.69	1.25	0.75	L726	**YNA451RT15H**	L725
Drake	795	26	7	**YTW451RDT48REK**	**YTW451RDT**	25.41	3.25	0.50	L725	**YTW48RE**	2.69	1.25	0.75	L726	**YNA451RT15H**	L725
Tern	795	45	7	**YTW451RDT481REK**	**YTW451RDT**	25.41	3.25	0.50	L725	**YTW481RE**	2.69	1.25	0.75	L726	**YNA451RT15H**	L725
Condor	795	54	7	**YTW451RDT45REK**	**YTW451RDT**	25.41	3.25	0.50	L725	**YTW45RE**	2.69	1.25	0.75	L726	**YNA451RT15H**	L725
Ruddy	900	45	7	**YTW48RDT481REK**	**YTW48RDT**	25.50	3.25	0.50	L727	**YTW481RE**	2.69	1.25	0.75	L726	**YNA49RT15H**	L727
Rail	954	45	7	**YTW48RDT481RE**	**YTW48RDT**	25.50	3.25	0.50	L727	**YTW481RE**	2.69	1.25	0.75	L726	**YNA49RT15H**	L727
Cardinal	954	54	7	**YTW48RDT48REK**	**YTW48RDT**	25.50	3.25	0.50	L727	**YTW48RE**	2.69	1.25	0.75	L726	**YNA49RT15H**	L727
Ortolan	1033.5	45	7	**YTW49RDT483REK**	**YTW49RDT**	27.35	3.25	0.50	L727	**YTW483RE**	2.69	1.25	1.00	L726	**YNA49RT15H**	L727
Curlew	1033.5	54	7	**YTW49RDT50REK**	**YTW49RDT**	27.35	3.25	0.50	L727	**YTW50RE**	2.69	1.25	1.00	L726	**YNA49RT15H**	L727
Bluejay	1113	45	7	**YTW49RDT483REK**	**YTW49RDT**	27.35	3.25	0.50	L727	**YTW483RE**	2.69	1.25	1.00	L726	**YNA49RT15H**	L727
Finch	1113	54	19	**YTW52RDT50REK**	**YTW52RDT**	31.55	3.25	0.50	L728	**YTW50RE**	2.69	1.25	1.00	L726	**YNA52RT15H**	L728
Bunting	1192.5	45	7	**YTW52RDT521REK**	**YTW52RDT**	31.55	4.00	0.62	L728	**YTW521RE**	2.69	1.25	1.00	L726	**YNA52RT15H**	L728
Bittern	1272	45	7	**YTW52RDT521REK**	**YTW52RDT**	31.55	4.00	0.62	L728	**YTW521RE**	2.69	1.25	1.00	L726	**YNA52RT15H**	L728
Pheasant	1272	54	19	**YTW52RDT56REK**	**YTW52RDT**	31.55	4.00	0.62	L728	**YTW56RE**	2.69	1.25	1.00	L726	**YNA52RT15H**	L728
Dipper	1351.5	45	7	**YTW52RDT521REK**	**YTW52RDT**	31.55	4.00	0.62	L728	**YTW521RE**	2.69	1.25	1.00	L726	**YNA52RT15H**	L728
Martin	1351.5	54	19	**YTW52RDT56REK**	**YTW52RDT**	31.55	4.00	0.62	L728	**YTW56RE**	2.69	1.25	1.00	L726	**YNA52RT15H**	L728
Nuthatch	1510.5	45	7	**YTW549RDT521REK**	**YTW549RDT**	31.55	4.00	0.62	L729	**YTW521RE**	2.69	1.25	1.00	L726	**YNA56RT15H**	L729
Parrot	1510.5	54	19	**YTW549RDT56REK**	**YTW549RDT**	31.55	4.00	0.62	L729	**YTW56RE**	2.69	1.25	1.00	L726	**YNA56RT15H**	L729
Lapwing	1590	45	7	**YTW549RDT549REK**	**YTW549RDT**	31.55	4.00	0.62	L729	**YTW549RE**	2.69	1.25	1.00	L726	**YNA56RT15H**	L729
Falcon	1590	54	19	**YTW56RDT590REK**	**YTW56RDT**	31.99	4.00	0.62	L729	**YTW590RE**	2.69	1.25	1.00	L726	**YNA56RT15H**	L729
Chukar	1780	84	19	**YTW58RDT58REK**	**YTW58RDT**	32.99	4.00	0.62	L735	**YTW58RE**	2.69	1.25	1.00	L726	**YNA58RT15H**	L735
Bluebird	2156	84	19	**YTW59RDT59REK**	**YTW59RDT**	33.34	4.00	0.62	L735	**YTW59RE**	2.69	1.25	1.00	L726	**YNA59RT15H**	L735
Kiwi	2167	72	7	**YTW59RDT591REK**	**YTW59RDT**	33.34	4.00	0.62	L735	**YTW591RE**	2.69	1.25	1.00	L726	**YNA59RT15H**	L735

Complete Assembly: Includes Aluminum body, Steel eye, 15 degree terminal and aluminum hardware.
For stainless steel hardware add SS to end of catalog number for complete assembly (example: YTW32RD34REKSS) or to terminal (YNA32R15HSS) if ordered separately.

For assembly without terminal and hardware add NT to end of complete assembly catalog number (example: YTW32RD34REKNT).
Two hole NEMA pads standard on conductors up to 556.5 kcmil; Four hole NEMA pads on larger conductor sizes.

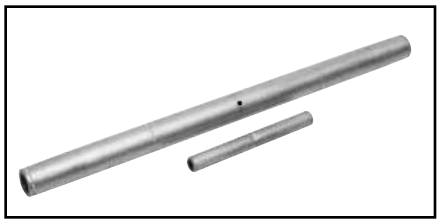
* Overlap crimps.
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

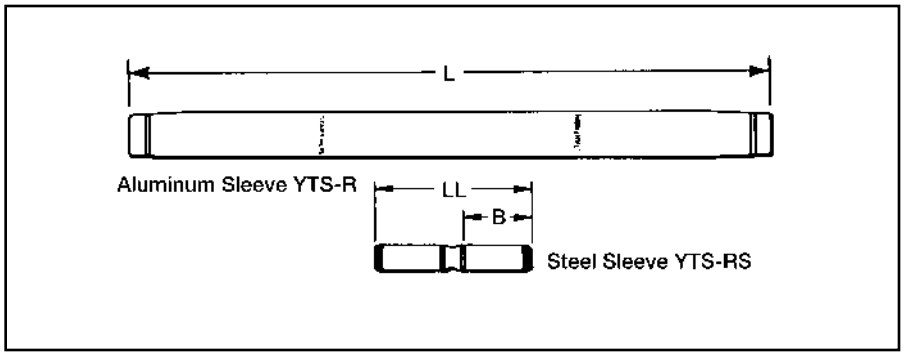
Blue highlighted items are industry standard and most frequently ordered.

TYPE YTS-R-RS

Full Tension Splice Kit for ACSR Conductor

Full tension, two-piece, compression splice for ACSR transmission lines up to and including 230 kV. Outer aluminum sleeve has filler hole and plug for PENETROX™ joint compound. Kit includes the outer aluminum and inner steel sleeve.





ACSR					Aluminum Sleeve			Steel Sleeve		
Conductor	Size	Stranding			Inches			Inches		
Name	kcmil	Alum.	Steel	Splice Kit	L	O.D.	Die*‡	LL	B	Die*
Linnet	336.4	26	7	**YTS32R34RS**	17.30	1.19	L717	5.75	2.64	L718
Oriole	336.4	30	7	**YTS32R33RS**	17.30	1.19	L717	5.75	2.64	L718
Ibis	397.5	26	7	**YTS34R34RS**	17.20	1.28	L719	5.75	2.64	L718
Flicker	477	24	7	**YTS36R362RS**	18.16	1.41	L720	5.75	2.66	L721
Hawk	477	26	7	**YTS36R36RS**	18.16	1.41	L720	5.75	2.66	L721
Parakeet	556.5	24	7	**YTS39R43RS**	19.88	1.50	L722	5.90	2.66	L723
Dove	556.5	26	7	**YTS39R43RS**	19.88	1.50	L722	5.90	2.66	L723
Peacock	605	24	7	**YTS43R43RS**	21.44	1.61	L724	5.90	2.66	L723
Squab	605	26	7	**YTS43R43RS**	21.44	1.61	L724	5.90	2.66	L723
Rook	636	24	7	**YTS43R43RS**	21.44	1.61	L724	5.90	2.66	L723
Grosbeak	636	26	7	**YTS43R43RS**	21.44	1.61	L724	5.90	2.66	L723
Flamingo	666.6	24	7	**YTS43R43RS**	21.44	1.61	L724	5.90	2.66	L723
Starling	715.5	26	7	**YTS451R48RS**	28.00	1.80	L725	9.00	4.19	L726
Cuckoo	795	24	7	**YTS451R449RS**	28.00	1.80	L725	9.00	4.19	L726
Drake	795	26	7	**YTS451R48RS**	28.00	1.80	L725	9.00	4.19	L726
Tern	795	45	7	**YTS451R48RS**	28.00	1.80	L725	9.16	4.19	L726
Condor	795	54	7	**YTS451R449RS**	28.00	1.80	L725	9.00	4.19	L726
Rail	954	45	7	**YTS48R481RS**	28.00	1.97	L727	9.16	4.19	L726
Cardinal	954	54	7	**YTS48R48RS**	28.00	1.97	L727	9.00	4.19	L726
Ortolan	1033.5	45	7	**YTS49R483RS**	28.00	1.97	L727	9.16	4.19	L726
Curlew	1033.5	54	7	**YTS49R48RS**	28.00	1.97	L727	9.00	4.19	L726
Bluejay	1113	45	7	**YTS49R483RS**	28.00	1.97	L727	9.16	4.19	L726
Finch	1113	54	19	**YTS52R48RS**	41.07	2.25	L728	9.00	4.19	L726
Bunting	1192.5	45	7	**YTS52R521RS**	41.07	2.25	L728	9.00	4.19	L726
Bittern	1272	45	7	**YTS52R521RS**	41.07	2.25	L728	9.00	4.19	L726
Pheasant	1272	54	19	**YTS52R59RS**	41.07	2.25	L728	9.10	4.25	L726
Dipper	1351.5	45	7	**YTS52R521RS**	41.07	2.25	L728	9.00	4.19	L726
Martin	1351.5	54	19	**YTS52R59RS**	41.07	2.25	L728	9.10	4.25	L726
Nuthatch	1510.5	45	7	**YTS549R521RS**	31.73	2.50	L729	9.00	4.19	L726
Parrot	1510.5	54	19	**YTS549R59RS**	31.73	2.50	L729	9.10	4.25	L726
Lapwing	1590	45	7	**YTS549R549RS**	31.73	2.50	L729	9.00	4.19	L726
Falcon	1590	54	19	**YTS56R59RS**	31.73	2.50	L729	9.10	4.25	L726
Chukar	1780	84	19	**YTS58R48RS**	34.20	2.50	L735	9.00	4.19	L726
Bluebird	2156	84	19	**YTS59R59RS**	41.93	2.50	L735	9.10	4.25	L726
Kiwi	2167	72	7	**YTS59R521RS**	41.93	2.50	L735	9.00	4.19	L726

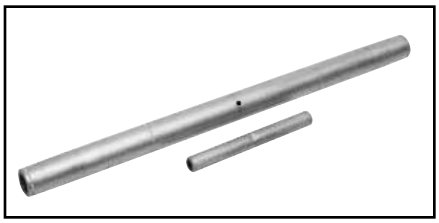
Splice Kit: Includes aluminum sleeve and steel sleeve.
* Overlap crimps.
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

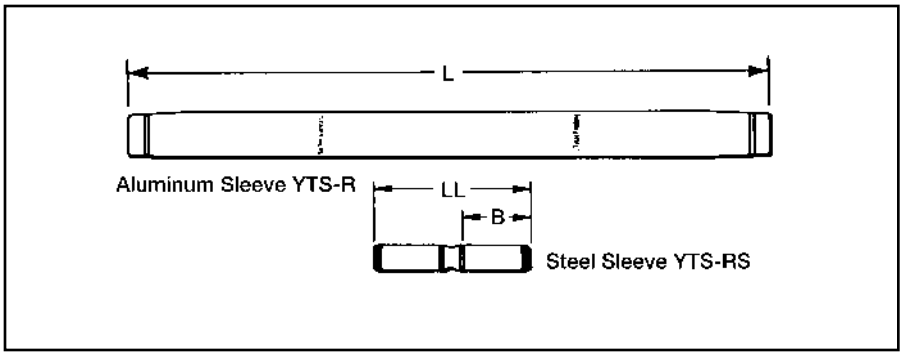
Blue highlighted items are industry standard and most frequently ordered.

TYPE YTS-RT-RS EHV

Full Tension Splice Kit for ACSR Conductor

Full tension, two-piece, compression splice for ACSR transmission lines at 345 kV and over. Outer aluminum sleeve has filler hole and plug for PENETROX™ joint compound. Kit includes the outer aluminum and inner steel sleeve.





ACSR					Aluminum Sleeve			Steel Sleeve		
Conductor	Size	Stranding			Inches			Inches		
Name	kcmil	Alum.	Steel	Splice Kit	L	O.D.	Die*‡	LL	B	Die*
Linnet	336.4	26	7	**YTS32RT34RS**	17.30	1.19	L717	5.75	2.64	L718
Oriole	336.4	30	7	**YTS32RT33RS**	17.30	1.19	L717	5.75	2.64	L718
Ibis	397.5	26	7	**YTS34RT34RS**	17.20	1.28	L719	5.75	2.64	L718
Flicker	477	24	7	**YTS36RT362RS**	18.16	1.41	L720	5.75	2.66	L721
Hawk	477	26	7	**YTS36RT36RS**	18.16	1.41	L720	5.75	2.66	L721
Parakeet	556.5	24	7	**YTS39RT43RS**	19.88	1.50	L722	5.90	2.66	L723
Dove	556.5	26	7	**YTS39RT43RS**	19.88	1.50	L722	5.90	2.66	L723
Peacock	605	24	7	**YTS43RT43RS**	21.44	1.61	L724	5.90	2.66	L723
Squab	605	26	7	**YTS43RT43RS**	21.44	1.61	L724	5.90	2.66	L723
Rook	636	24	7	**YTS43RT43RS**	21.44	1.61	L724	5.90	2.66	L723
Grosbeak	636	26	7	**YTS43RT43RS**	21.44	1.61	L724	5.90	2.66	L723
Flamingo	666.6	24	7	**YTS43RT43RS**	21.44	1.61	L724	5.90	2.66	L723
Starling	715.5	26	7	**YTS451RT48RS**	28.00	1.80	L725	9.00	4.19	L726
Cuckoo	795	24	7	**YTS451RT449RS**	28.00	1.80	L725	9.00	4.19	L726
Drake	795	26	7	**YTS451RT48RS**	28.00	1.80	L725	9.00	4.19	L726
Tern	795	45	7	**YTS451RT48RS**	28.00	1.80	L725	9.16	4.19	L726
Condor	795	54	7	**YTS451RT449RS**	28.00	1.80	L725	9.00	4.19	L726
Rail	954	45	7	**YTS48RT481RS**	28.00	1.97	L727	9.16	4.19	L726
Cardinal	954	54	7	**YTS48RT48RS**	28.00	1.97	L727	9.00	4.19	L726
Ortolan	1033.5	45	7	**YTS49RT483RS**	28.00	1.97	L727	9.16	4.19	L726
Curlew	1033.5	54	7	**YTS49RT48RS**	28.00	1.97	L727	9.00	4.19	L726
Bluejay	1113	45	7	**YTS49RT483RS**	28.00	1.97	L727	9.16	4.19	L726
Finch	1113	54	19	**YTS52RT48RS**	41.07	2.25	L728	9.00	4.19	L726
Bunting	1192.5	45	7	**YTS52RT521RS**	41.07	2.25	L728	9.00	4.19	L726
Bittern	1272	45	7	**YTS52RT521RS**	41.07	2.25	L728	9.00	4.19	L726
Pheasant	1272	54	19	**YTS52RT59RS**	41.07	2.25	L728	9.10	4.25	L726
Dipper	1351.5	45	7	**YTS52RT521RS**	41.07	2.25	L728	9.00	4.19	L726
Martin	1351.5	54	19	**YTS52RT59RS**	41.07	2.25	L728	9.10	4.25	L726
Nuthatch	1510.5	45	7	**YTS549RT521RS**	31.73	2.50	L729	9.00	4.19	L726
Parrot	1510.5	54	19	**YTS549RT59RS**	31.73	2.50	L729	9.10	4.25	L726
Lapwing	1590	45	7	**YTS549RT549RS**	31.73	2.50	L729	9.00	4.19	L726
Falcon	1590	54	19	**YTS56RT59RS**	31.73	2.50	L729	9.10	4.25	L726
Chukar	1780	84	19	**YTS58RT48RS**	34.20	2.50	L735	9.00	4.19	L726
Bluebird	2156	84	19	**YTS59RT59RS**	41.93	2.50	L735	9.10	4.25	L726
Kiwi	2167	72	7	**YTS59RT521RS**	41.93	2.50	L735	9.00	4.19	L726

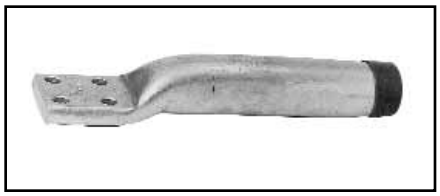
Splice Kit: Includes aluminum sleeve and steel sleeve.
* Overlap crimps.
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

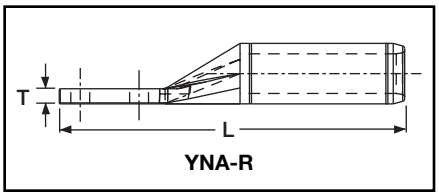
Blue highlighted items are industry standard and most frequently ordered.

TYPES YNA-R15, YNA-R

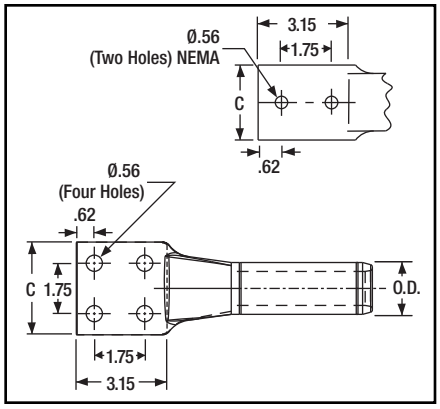
Compression Terminal for ACSR Conductor

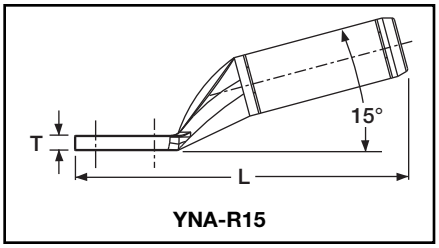
Compression terminal for ACSR transmission lines up to and including 230 kV. Two hole NEMA tongue through 556.5 kcmil and four hole on larger sizes. Includes PENETROX™ joint compound in barrel and oxide retardant on pad.





YNA-R





YNA-R15

ACSR				15° Terminal		Straight Terminal		Inches		
Conductor Name	Size kcmil	Stranding Alum.	Stranding Steel	Catalog Number	Inches L	Catalog Number	Inches L	C †	T	Die*‡
Linnet	336.4	26	7	**YNA32R15**	9.16	**YNA32R**	8.96	1.68	0.39	L717
Oriole	336.4	30	7	**YNA32R15**	9.16	**YNA32R**	8.96	1.68	0.39	L717
Ibis	397.5	26	7	**YNA34R15**	9.31	**YNA34R**	9.08	1.78	0.46	L719
Flicker	477	24	7	**YNA36R15**	9.62	**YNA36R**	9.47	1.96	0.48	L720
Hawk	477	26	7	**YNA36R15**	9.62	**YNA36R**	9.47	1.96	0.48	L720
Parakeet	556.5	24	7	**YNA39R15**	10.09	**YNA39R**	9.84	2.08	0.53	L722
Dove	556.5	26	7	**YNA39R15**	10.09	**YNA39R**	9.84	2.08	0.53	L722
Peacock	605	24	7	**YNA43R15**	10.16	**YNA43R**	10.07	3.22	0.36	L724
Squab	605	26	7	**YNA43R15**	10.16	**YNA43R**	10.07	3.22	0.36	L724
Rook	636	24	7	**YNA43R15**	10.16	**YNA43R**	10.07	3.22	0.36	L724
Grosbeak	636	26	7	**YNA43R15**	10.16	**YNA43R**	10.07	3.22	0.36	L724
Flamingo	666.6	24	7	**YNA43R15**	10.16	**YNA43R**	10.07	3.22	0.36	L724
Starling	715.5	26	7	**YNA451R15**	10.21	**YNA451R**	10.28	3.22	0.45	L725
Cuckoo	795	24	7	**YNA451R15**	10.21	**YNA451R**	10.28	3.22	0.45	L725
Drake	795	26	7	**YNA451R15**	10.21	**YNA451R**	10.28	3.22	0.45	L725
Tern	795	45	7	**YNA451R15**	10.21	**YNA451R**	10.28	3.22	0.45	L725
Condor	795	54	7	**YNA451R15**	10.21	**YNA451R**	10.28	3.22	0.45	L725
Ruddy	900	45	7	**YNA49R15**	10.35	**YNA49R**	10.46	3.22	0.52	L727
Rail	954	45	7	**YNA49R15**	10.35	**YNA49R**	10.46	3.22	0.52	L727
Cardinal	954	54	7	**YNA49R15**	10.35	**YNA49R**	10.46	3.22	0.52	L727
Ortolan	1033.5	45	7	**YNA49R15**	10.35	**YNA49R**	10.46	3.22	0.52	L727
Curlew	1033.5	54	7	**YNA49R15**	10.35	**YNA49R**	10.46	3.22	0.52	L727
Bluejay	1113	45	7	**YNA49R15**	10.35	**YNA49R**	10.46	3.22	0.52	L727
Finch	1113	54	19	**YNA52R15**	12.09	**YNA52R**	12.24	3.22	0.71	L728
Bunting	1192.5	45	7	**YNA52R15**	12.09	**YNA52R**	12.24	3.22	0.71	L728
Bittern	1272	45	7	**YNA52R15**	12.09	**YNA52R**	12.24	3.22	0.71	L728
Pheasant	1272	54	19	**YNA52R15**	12.09	**YNA52R**	12.24	3.22	0.71	L728
Dipper	1351.5	45	7	**YNA52R15**	12.09	**YNA52R**	12.24	3.22	0.71	L728
Martin	1351.5	54	19	**YNA52R15**	12.09	**YNA52R**	12.24	3.22	0.71	L728
Nuthatch	1510.5	45	7	**YNA56R15**	12.50	**YNA56R**	12.74	3.44	0.86	L729
Parrot	1510.5	54	19	**YNA56R15**	12.50	**YNA56R**	12.74	3.44	0.86	L729
Lapwing	1590	45	7	**YNA56R15**	12.50	**YNA56R**	12.74	3.44	0.86	L729
Falcon	1590	54	19	**YNA56R15**	12.50	**YNA56R**	12.74	3.44	0.86	L729
Chukar	1780	84	19	**YNA58R15**	13.25	**YNA58R**	13.34	3.47	0.86	L735
Bluebird	2156	84	19	**YNA59R15**	13.12	**YNA59R**	13.25	3.57	0.64	L735
Kiwi	2167	72	7	**YNA59R15**	13.12	**YNA59R**	13.25	3.57	0.64	L735

† Two hole NEMA pads standard for conductors up to 556.5 kcmil; Four hole NEMA pads on larger conductor sizes.

To specify hardware for bolting to corresponding deadends add the suffix H to the catalog number (example: YNA52RH).

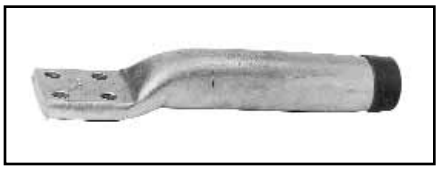
* Overlap crimps.

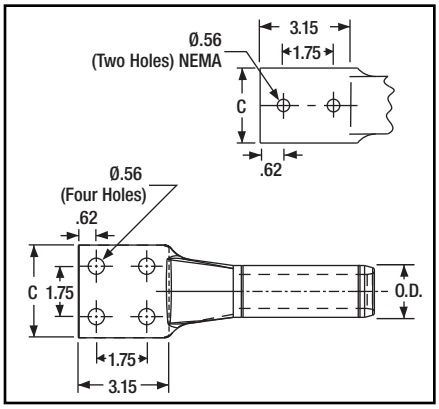
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

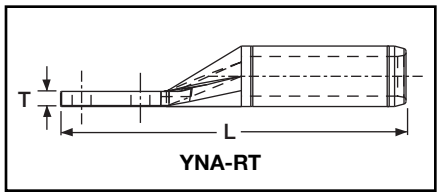
TYPES YNA-RT15, YNA-RT EHV

Compression Terminal for ACSR Conductor

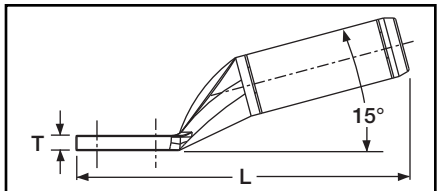
Compression terminal for ACSR transmission lines at 345 kV and over. Two hole NEMA tongue supplied through 636 kcmil and four hole on larger sizes. Includes PENETROX™ joint compound in barrel and oxide retardant on pad.







YNA-RT



YNA-RT15

I-10

ACSR				15° Terminal		Straight Terminal		Inches		
Conductor Name	Size kcmil	Stranding Alum.	Stranding Steel	Catalog Number	Inches L	Catalog Number	Inches L	C †	T	Die*‡
Linnet	336.4	26	7	**YNA32RT15**	9.16	**YNA32RT**	8.96	1.68	0.39	L717
Oriole	336.4	30	7	**YNA32RT15**	9.16	**YNA32RT**	8.96	1.68	0.39	L717
Ibis	397.5	26	7	**YNA34RT15**	9.31	**YNA34RT**	9.08	1.78	0.46	L719
Flicker	477	24	7	**YNA36RT15**	9.62	**YNA36RT**	9.47	1.96	0.48	L720
Hawk	477	26	7	**YNA36RT15**	9.62	**YNA36RT**	9.47	1.96	0.48	L720
Parakeet	556.5	24	7	**YNA39RT15**	10.09	**YNA39RT**	9.84	2.08	0.53	L722
Dove	556.5	26	7	**YNA39RT15**	10.09	**YNA39RT**	9.84	2.08	0.53	L722
Peacock	605	24	7	**YNA43RT15**	10.16	**YNA43RT**	10.07	3.22	0.36	L724
Squab	605	26	7	**YNA43RT15**	10.16	**YNA43RT**	10.07	3.22	0.36	L724
Rook	636	24	7	**YNA43RT15**	10.16	**YNA43RT**	10.07	3.22	0.36	L724
Grosbeak	636	26	7	**YNA43RT15**	10.16	**YNA43RT**	10.07	3.22	0.36	L724
Flamingo	666.6	24	7	**YNA43RT15**	10.16	**YNA43RT**	10.07	3.22	0.36	L724
Starling	715.5	26	7	**YNA451RT15**	10.65	**YNA451RT**	10.57	3.22	0.45	L725
Cuckoo	795	24	7	**YNA451RT15**	10.65	**YNA451RT**	10.57	3.22	0.45	L725
Drake	795	26	7	**YNA451RT15**	10.65	**YNA451RT**	10.57	3.22	0.45	L725
Tern	795	45	7	**YNA451RT15**	10.65	**YNA451RT**	10.57	3.22	0.45	L725
Condor	795	54	7	**YNA451RT15**	10.65	**YNA451RT**	10.57	3.22	0.45	L725
Ruddy	900	45	7	**YNA49RT15**	10.94	**YNA49RT**	10.77	3.22	0.52	L727
Rail	954	45	7	**YNA49RT15**	10.94	**YNA49RT**	10.77	3.22	0.52	L727
Cardinal	954	54	7	**YNA49RT15**	10.94	**YNA49RT**	10.77	3.22	0.52	L727
Ortolan	1033.5	45	7	**YNA49RT15**	10.94	**YNA49RT**	10.77	3.22	0.52	L727
Curlew	1033.5	54	7	**YNA49RT15**	10.94	**YNA49RT**	10.77	3.22	0.52	L727
Bluejay	1113	45	7	**YNA49RT15**	10.94	**YNA49RT**	10.77	3.22	0.52	L727
Finch	1113	54	19	**YNA52RT15**	12.62	**YNA52RT**	13.82	3.22	0.71	L728
Bunting	1192.5	45	7	**YNA52RT15**	12.62	**YNA52RT**	13.82	3.22	0.71	L728
Bittern	1272	45	7	**YNA52RT15**	12.62	**YNA52RT**	13.82	3.22	0.71	L728
Pheasant	1272	54	19	**YNA52RT15**	12.62	**YNA52RT**	13.82	3.22	0.71	L728
Dipper	1351.5	45	7	**YNA52RT15**	12.62	**YNA52RT**	13.82	3.22	0.71	L728
Martin	1351.5	54	19	**YNA52RT15**	12.62	**YNA52RT**	13.82	3.22	0.71	L728
Nuthatch	1510.5	45	7	**YNA56RT15**	13.36	**YNA56RT**	13.76	3.44	0.86	L729
Parrot	1510.5	54	19	**YNA56RT15**	13.36	**YNA56RT**	13.76	3.44	0.86	L729
Lapwing	1590	45	7	**YNA56RT15**	13.36	**YNA56RT**	13.76	3.44	0.86	L729
Falcon	1590	54	19	**YNA56RT15**	13.36	**YNA56RT**	13.76	3.44	0.86	L729
Chukar	1780	84	19	**YNA58RT15**	13.81	**YNA58RT**	13.76	3.47	0.86	L735
Bluebird	2156	84	19	**YNA59RT15**	13.75	**YNA59RT**	14.06	3.57	0.64	L735
Kiwi	2167	72	7	**YNA59RT15**	13.75	**YNA59RT**	14.06	3.57	0.64	L735

† Two hole NEMA pads standard for conductors up to 556.5 kcmil; Four hole NEMA pads on larger conductor sizes. Shielding cap STS43A-4N required for EHV applications (two caps required).

To specify hardware for bolting to corresponding deadends add the suffix H to catalog number (example: YNA52RTH).

* Overlap crimps.

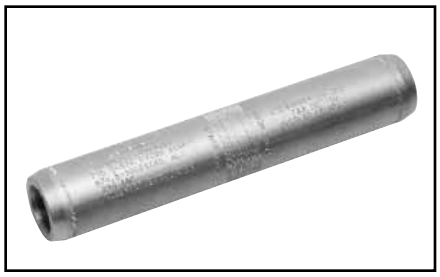
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

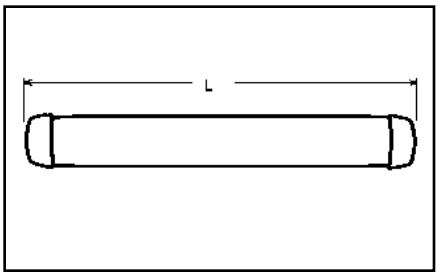
Blue highlighted items are industry standard and most frequently ordered.

TYPE YNS-R

Jumper Loop Sleeve for ACSR Conductor

Jumper sleeve for ACSR transmission lines up to and including 230 kV. Sleeve is pre-filled with PENETROX™ joint compound and capped.





ACSR				Catalog Number	Inches		Die*‡
Conductor Name	Size kcmil	Stranding Alum.	Stranding Steel		L	O.D.	
Linnet	336.4	26	7	**YNS32R**	8.60	1.19	L717
Oriole	336.4	30	7	**YNS32R**	8.60	1.19	L717
Ibis	397.5	26	7	**YNS34R**	8.68	1.30	L719
Flicker	477	24	7	**YNS36R**	9.20	1.41	L720
Hawk	477	26	7	**YNS36R**	9.20	1.41	L720
Parakeet	556.5	24	7	**YNS39R**	9.76	1.50	L722
Dove	556.5	26	7	**YNS39R**	9.76	1.50	L722
Peacock	605	24	7	**YNS43R**	9.98	1.61	L724
Squab	605	26	7	**YNS43R**	9.98	1.61	L724
Rook	636	24	7	**YNS43R**	9.98	1.61	L724
Grosbeak	636	26	7	**YNS43R**	9.98	1.61	L724
Flamingo	666.6	24	7	**YNS43R**	9.98	1.61	L724
Starling	715.5	26	7	**YNS451R**	10.00	1.80	L725
Cuckoo	795	24	7	**YNS451R**	10.00	1.80	L725
Drake	795	26	7	**YNS451R**	10.00	1.80	L725
Tern	795	45	7	**YNS451R**	10.00	1.80	L725
Condor	795	54	7	**YNS451R**	10.00	1.80	L725
Ruddy	900	45	7	**YNS49R**	10.00	1.97	L727
Rail	954	45	7	**YNS49R**	10.00	1.97	L727
Cardinal	954	54	7	**YNS49R**	10.00	1.97	L727
Ortolan	1033.5	45	7	**YNS49R**	10.00	1.97	L727
Curlew	1033.5	54	7	**YNS49R**	10.00	1.97	L727
Bluejay	1113	45	7	**YNS49R**	10.00	1.97	L727
Finch	1113	54	19	**YNS52R**	15.48	2.25	L728
Bunting	1192.5	45	7	**YNS52R**	15.48	2.25	L728
Bittern	1272	45	7	**YNS52R**	15.48	2.25	L728
Pheasant	1272	54	19	**YNS52R**	15.48	2.25	L728
Dipper	1351.5	45	7	**YNS52R**	15.48	2.25	L728
Martin	1351.5	54	19	**YNS52R**	15.48	2.25	L728
Nuthatch	1510.5	45	7	**YNS56R**	14.80	2.50	L729
Parrot	1510.5	54	19	**YNS56R**	14.80	2.50	L729
Lapwing	1590	45	7	**YNS56R**	14.80	2.50	L729
Falcon	1590	54	19	**YNS56R**	14.80	2.50	L729
Chukar	1780	84	19	**YNS58R**	14.74	2.50	L735
Bluebird	2156	84	19	**YNS59R**	14.56	2.50	L735
Kiwi	2167	72	7	**YNS59R**	14.56	2.50	L735

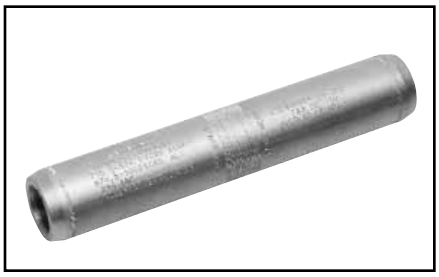
* Overlap crimps
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

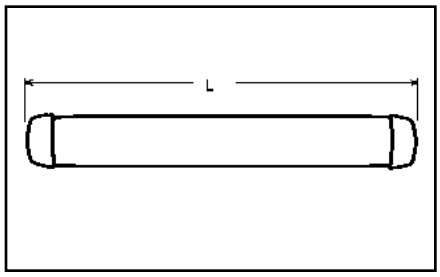
Blue highlighted items are industry standard and most frequently ordered.

TYPE YNS-RT EHV

Jumper Loop Sleeve for ACSR Conductor

Jumper sleeve for ACSR transmission lines over 230 kV. Sleeve is pre-filled with PENETROX™ joint compound and capped.





ACSR					Inches		
Conductor Name	Size kcmil	Stranding Alum.	Stranding Steel	Jumper Sleeve	L	O.D.	Die*‡
Linnet	336.4	26	7	**YNS32RT**	8.96	1.19	L717
Oriole	336.4	30	7	**YNS32RT**	8.96	1.19	L717
Ibis	397.5	26	7	**YNS34RT**	9.10	1.30	L719
Flicker	477	24	7	**YNS36RT**	9.64	1.41	L720
Hawk	477	26	7	**YNS36RT**	9.64	1.41	L720
Parakeet	556.5	24	7	**YNS39RT**	10.26	1.50	L722
Dove	556.5	26	7	**YNS39RT**	10.26	1.50	L722
Peacock	605	24	7	**YNS43RT**	10.48	1.61	L724
Squab	605	26	7	**YNS43RT**	10.48	1.61	L724
Rook	636	24	7	**YNS43RT**	10.48	1.61	L724
Grosbeak	636	26	7	**YNS43RT**	10.48	1.61	L724
Flamingo	666.6	24	7	**YNS43RT**	10.48	1.61	L724
Starling	715.5	26	7	**YNS451RT**	10.60	1.80	L725
Cuckoo	795	24	7	**YNS451RT**	10.60	1.80	L725
Drake	795	26	7	**YNS451RT**	10.60	1.80	L725
Tern	795	45	7	**YNS451RT**	10.60	1.80	L725
Condor	795	54	7	**YNS451RT**	10.60	1.80	L725
Ruddy	900	45	7	**YNS49RT**	10.66	1.97	L727
Rail	954	45	7	**YNS49RT**	10.66	1.97	L727
Cardinal	954	54	7	**YNS49RT**	10.66	1.97	L727
Ortolan	1033.5	45	7	**YNS49RT**	10.66	1.97	L727
Curlew	1033.5	54	7	**YNS49RT**	10.66	1.97	L727
Bluejay	1113	45	7	**YNS49RT**	10.66	1.97	L727
Finch	1113	54	19	**YNS52RT**	16.20	2.25	L728
Bunting	1192.5	45	7	**YNS52RT**	16.20	2.25	L728
Bittern	1272	45	7	**YNS52RT**	16.20	2.25	L728
Pheasant	1272	54	19	**YNS52RT**	16.20	2.25	L728
Dipper	1351.5	45	7	**YNS52RT**	16.20	2.25	L728
Martin	1351.5	54	19	**YNS52RT**	16.20	2.25	L728
Nuthatch	1510.5	45	7	**YNS56RT**	15.58	2.50	L729
Parrot	1510.5	54	19	**YNS56RT**	15.58	2.50	L729
Lapwing	1590	45	7	**YNS56RT**	15.58	2.50	L729
Falcon	1590	54	19	**YNS56RT**	15.58	2.50	L729
Chukar	1780	84	19	**YNS58RT**	15.46	2.50	L735
Bluebird	2156	84	19	**YNS59RT**	15.14	2.50	L735
Kiwi	2167	72	7	**YNS59RT**	15.14	2.50	L735

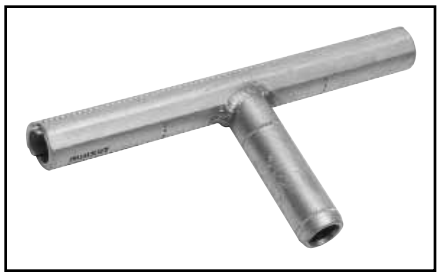
* Overlap crimps
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

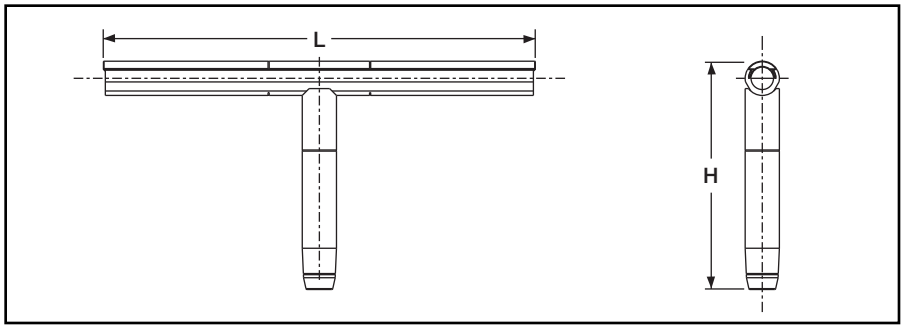
Blue highlighted items are industry standard and most frequently ordered.

TYPE YNT-R-R

Compression T-Tap for ACSR Conductor

Two piece compression T-Tap for ACSR transmission lines that include up to 230 kV. Tap element is pre-filled with PENETROX™ joint compound and sealed.





ACSR					Inches		
Conductor Name	Size kcmil	Stranding Alum.	Stranding Steel	T-Tap*	L	H	Die**‡
Linnet	336.4	26	7	**YNT32R32R**	15.46	6.39	L717
Oriole	336.4	30	7	**YNT32R32R**	15.46	6.39	L717
Ibis	397.5	26	7	**YNT34R34R**	15.60	6.53	L719
Flicker	477	24	7	**YNT36R36R**	16.29	6.85	L720
Hawk	477	26	7	**YNT36R36R**	16.29	6.85	L720
Parakeet	556.5	24	7	**YNT39R39R**	16.69	7.13	L722
Dove	556.5	26	7	**YNT39R39R**	16.69	7.13	L722
Peacock	605	24	7	**YNT43R43R**	17.48	7.20	L724
Squab	605	26	7	**YNT43R43R**	17.48	7.20	L724
Rook	636	24	7	**YNT43R43R**	17.48	7.20	L724
Grosbeak	636	26	7	**YNT43R43R**	17.48	7.20	L724
Flamingo	666.6	24	7	**YNT43R43R**	17.48	7.20	L724
Starling	715.5	26	7	**YNT451R451R**	17.60	7.70	L725
Cuckoo	795	24	7	**YNT451R451R**	17.60	7.70	L725
Drake	795	26	7	**YNT451R451R**	17.60	7.70	L725
Tern	795	45	7	**YNT451R451R**	17.60	7.70	L725
Condor	795	54	7	**YNT451R451R**	17.60	7.70	L725
Ruddy	900	45	7	**YNT49R49R**	17.66	7.90	L727
Rail	954	45	7	**YNT49R49R**	17.66	7.90	L727
Cardinal	954	54	7	**YNT49R49R**	17.66	7.90	L727
Ortolan	1033.5	45	7	**YNT49R49R**	17.66	7.90	L727
Curlew	1033.5	54	7	**YNT49R49R**	17.66	7.90	L727
Bluejay	1113	45	7	**YNT49R49R**	17.66	7.90	L727
Finch	1113	54	19	**YNT52R52R**	21.61	11.10	L728
Bunting	1192.5	45	7	**YNT52R52R**	21.61	11.10	L728
Bittern	1272	45	7	**YNT52R52R**	21.61	11.10	L728
Pheasant	1272	54	19	**YNT52R52R**	21.61	11.10	L728
Dipper	1351.5	45	7	**YNT52R52R**	21.61	11.10	L728
Martin	1351.5	54	19	**YNT52R52R**	21.61	11.10	L728
Nuthatch	1510.5	45	7	**YNT56R56R**	23.65	11.08	L729
Parrot	1510.5	54	19	**YNT56R56R**	23.65	11.08	L729
Lapwing	1590	45	7	**YNT56R56R**	23.65	11.08	L729
Falcon	1590	54	19	**YNT56R56R**	23.65	11.08	L729
Chukar	1780	84	19	**YNT58R58R**	23.53	11.02	L735
Bluebird	2156	84	19	**YNT59R59R**	23.21	10.86	L735
Kiwi	2167	72	7	**YNT59R59R**	23.21	10.86	L735

* For EHV applications add suffix "T" to catalog number (example: YNT49R49RT).

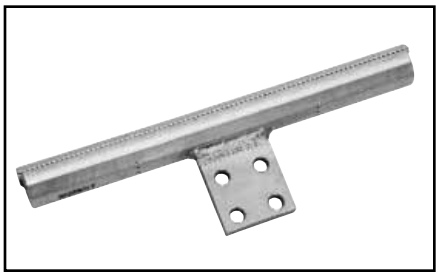
** Overlap crimps

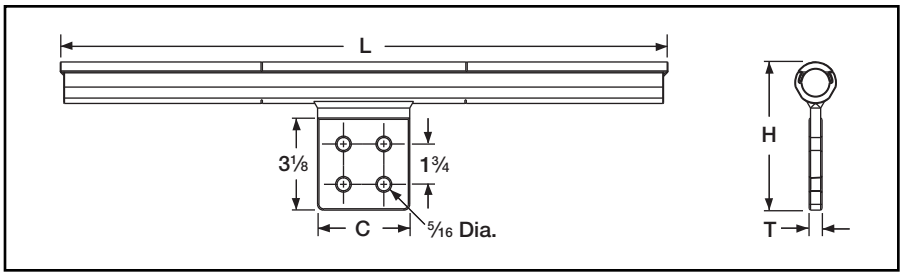
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

TYPE YNTA-R

T-Tap with Pad for ACSR Conductor

Two piece compression T-Tap to a NEMA pad for ACSR transmission lines. Up to and including 230 kV.





ACSR					Inches				
Conductor Name	Size kcmil	Stranding Alum.	Stranding Steel	T-Tap with Pad	L	C	H	T	Die*‡
Linnet	336.4	26	7	**YNTA32R**	15.46	2.00	4.94	0.50	L717
Oriole	336.4	30	7	**YNTA32R**	15.46	2.00	4.94	0.50	L717
Ibis	397.5	26	7	**YNTA34R**	15.60	2.00	5.05	0.50	L719
Flicker	477	24	7	**YNTA36R**	16.29	2.25	5.16	0.56	L720
Hawk	477	26	7	**YNTA36R**	16.29	2.25	5.16	0.56	L720
Parakeet	556.5	24	7	**YNTA39R**	16.69	2.25	5.25	0.56	L722
Dove	556.5	26	7	**YNTA39R**	16.69	2.25	5.25	0.56	L722
Peacock	605	24	7	**YNTA43R**	17.48	3.25	5.36	0.56	L724
Squab	605	26	7	**YNTA43R**	17.48	3.25	5.36	0.56	L724
Rook	636	24	7	**YNTA43R**	17.48	3.25	5.36	0.56	L724
Grosbeak	636	26	7	**YNTA43R**	17.48	3.25	5.36	0.56	L724
Flamingo	666.6	24	7	**YNTA43R**	17.48	3.25	5.36	0.56	L724
Starling	715.5	26	7	**YNTA451R**	17.60	3.25	5.55	0.56	L725
Cuckoo	795	24	7	**YNTA451R**	17.60	3.25	5.55	0.56	L725
Drake	795	26	7	**YNTA451R**	17.60	3.25	5.55	0.56	L725
Tern	795	45	7	**YNTA451R**	17.60	3.25	5.55	0.56	L725
Condor	795	54	7	**YNTA451R**	17.60	3.25	5.55	0.56	L725
Ruddy	900	45	7	**YNTA49R**	17.66	3.25	5.72	0.56	L727
Rail	954	45	7	**YNTA49R**	17.66	3.25	5.72	0.56	L727
Cardinal	954	54	7	**YNTA49R**	17.66	3.25	5.72	0.56	L727
Ortolan	1033.5	45	7	**YNTA49R**	17.66	3.25	5.72	0.56	L727
Curlew	1033.5	54	7	**YNTA49R**	17.66	3.25	5.72	0.56	L727
Bluejay	1113	45	7	**YNTA49R**	17.66	3.25	5.72	0.56	L727
Finch	1113	54	19	**YNTA54R**	21.61	3.25	6.00	0.69	L728
Bunting	1192.5	45	7	**YNTA54R**	21.61	3.25	6.00	0.69	L728
Bittern	1272	45	7	**YNTA54R**	21.61	3.25	6.00	0.69	L728
Pheasant	1272	54	19	**YNTA54R**	21.61	3.25	6.00	0.69	L728
Dipper	1351.5	45	7	**YNTA54R**	21.61	3.25	6.00	0.69	L728
Martin	1351.5	54	19	**YNTA54R**	21.61	3.25	6.00	0.69	L728
Nuthatch	1510.5	45	7	**YNTA56R**	23.65	3.59	6.25	0.69	L729
Parrot	1510.5	54	19	**YNTA56R**	23.65	3.59	6.25	0.69	L729
Lapwing	1590	45	7	**YNTA56R**	23.65	3.59	6.25	0.69	L729
Falcon	1590	54	19	**YNTA56R**	23.65	3.59	6.25	0.69	L729
Chukar	1780	84	19	**YNTA58R**	23.53	3.59	6.25	0.69	L735
Bluebird	2156	84	19	**YNTA59R**	23.21	3.59	6.25	0.69	L735
Kiwi	2167	72	7	**YNTA59R**	23.21	3.59	6.25	0.69	L735

Two hole NEMA pads standard for conductors up to 556.5 kcmil; Four hole NEMA pads on larger conductor sizes. For EHV applications add suffix "T" to catalog number (example: YNTA49RT).

For EHV applications order (2) two tap pad shielding caps STS43A4N-catalog number indicates (1) cap.

* Overlap crimps

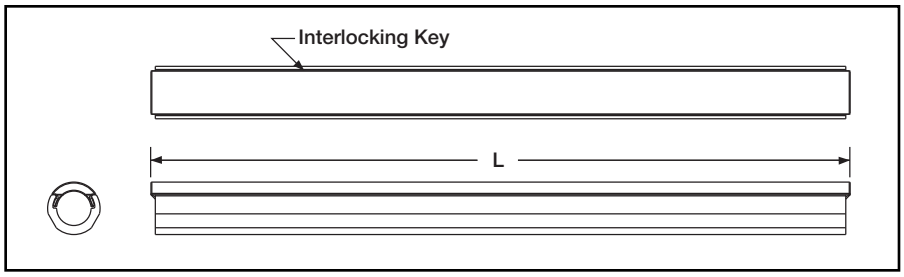
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

TYPE YNU-R

Repair Sleeve for ACSR Conductor

For HV and EHV applications. Two-piece repair sleeve for temporary restoration of conductivity to damaged ACSR transmission lines. Use of PENETROX™ joint compound required.





ACSR					Inches	
Conductor Name	Size kcmil	Stranding Alum.	Stranding Steel	Repair Sleeve	L	Die*‡
Linnet	336.4	26	7	**YNU32R**	14.00	L717
Oriole	336.4	30	7	**YNU32R**	14.00	L717
Ibis	397.5	26	7	**YNU34R**	14.00	L719
Flicker	477	24	7	**YNU36R**	14.00	L720
Hawk	477	26	7	**YNU36R**	14.00	L720
Parakeet	556.5	24	7	**YNU39R**	16.00	L722
Dove	556.5	26	7	**YNU39R**	16.00	L722
Peacock	605	24	7	**YNU43R**	16.00	L724
Squab	605	26	7	**YNU43R**	16.00	L724
Rook	636	24	7	**YNU43R**	16.00	L724
Grosbeak	636	26	7	**YNU43R**	16.00	L724
Flamingo	666.6	24	7	**YNU43R**	16.00	L724
Starling	715.5	26	7	**YNU451R**	16.00	L725
Cuckoo	795	24	7	**YNU451R**	16.00	L725
Drake	795	26	7	**YNU451R**	16.00	L725
Tern	795	45	7	**YNU451R**	16.00	L725
Condor	795	54	7	**YNU451R**	16.00	L725
Ruddy	900	45	7	**YNU49R**	16.00	L727
Rail	954	45	7	**YNU49R**	16.00	L727
Cardinal	954	54	7	**YNU49R**	16.00	L727
Ortolan	1033.5	45	7	**YNU49R**	16.00	L727
Curlew	1033.5	54	7	**YNU49R**	16.00	L727
Bluejay	1113	45	7	**YNU49R**	16.00	L727
Finch	1113	54	19	**YNU54R**	16.00	L728
Bunting	1192.5	45	7	**YNU54R**	16.00	L728
Bittern	1272	45	7	**YNU54R**	16.00	L728
Pheasant	1272	54	19	**YNU54R**	16.00	L728
Dipper	1351.5	45	7	**YNU54R**	16.00	L728
Martin	1351.5	54	19	**YNU54R**	16.00	L728
Nuthatch	1510.5	45	7	**YNU56R**	19.00	L729
Parrot	1510.5	54	19	**YNU56R**	19.00	L729
Lapwing	1590	45	7	**YNU56R**	19.00	L729
Falcon	1590	54	19	**YNU56R**	19.00	L729
Chukar	1780	84	19	**YNU58R**	19.00	L735
Bluebird	2156	84	19	**YNU59R**	19.00	L735
Kiwi	2167	72	7	**YNU59R**	19.00	L735

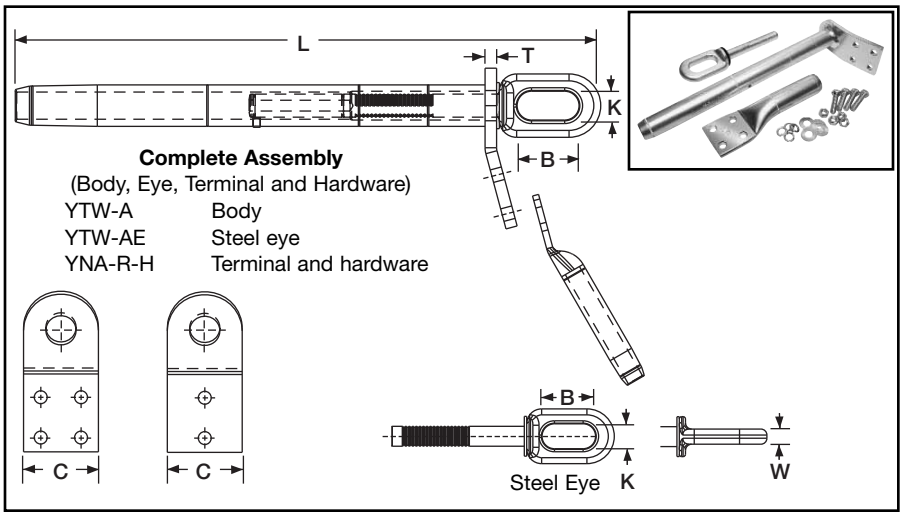
* Overlap crimps
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

Blue highlighted items are industry standard and most frequently ordered.

TYPES YTW-A-AEK, YTW-A, YTW-AE, YNA-RH

Single Pad Full Tension Deadend for Stranded Aluminum Cable

Full tension compression deadend for SAC transmission lines. One design for applications up to and including 230 kV. Two hole NEMA tap pad supplied through 636 kcmil. Larger sizes have 4 hole NEMA pad. Standard 15° tap pad when used with YNA-R15H terminal provides either 0° or 30° tap. Aluminum body is pre-filled with PENETROX™ joint compound and capped.



Aluminum			Single Pad		Inches			Steel	Inches			Tools		Terminal* with	Terminal
Conductor Name	kcmil	Str.	Complete Assembly	Aluminum Body	C	L	T	Eye	B	K	W	Die Index	Y60BHU*‡	Hardware	Die*‡
Tulip	336.4	19	YTW301A331AEK	YTW301A	2.25	9.62	0.50	YTW331AE	2.50	0.88	0.62	717	L717	YNA32R15H	L717
	350	37													
Canna	397.5	19	YTW311A331AEK	YTW311A								719	L719	YNA34R15H	L719
	400	37													
Cosmos	450	37	YTW331A331AE	YTW331A		9.75									
	477	19													
Syringa	477	37													
Hyacinth	500	37	YTW351A351AEK	YTW351A		11.62		YTW351AE				720	L720	YNA36R15H	L720
Dahlia	556.5	19													
Mistletoe	556.5	37													
Orchid	600	61	YTW361A39AEK	YTW361A		12.25		YTW39AE			0.69	722	L722	YNA39R15H	L722
	636	37													
Violet	715.5	37	YTW39A39AEK	YTW39A	3.25	12.75						724	L724	YNA43R15H	L724
Nasturtium	715.5	61													
Cattail	750	61													
Arbutus	795	37	YTW391A431AEK	YTW391A		14.38		YTW431AE	2.69	1.25	0.75				
Lilac	795	61													
	800	61													
Anemone	874.5	37	YTW431A431AEK	YTW431A		14.75						725	L725	YNA451R15H	L725
Crocus	874.5	61													
Magnolia	954	37													
Goldenrod	954	61													
Bluebell	1033.5	37	YTW445A463AEK	YTW445A		15.62		YTW463AE			1.00	727	L727	YNA49R15H	L727
Larkspur	1033.5	61													
Marigold	1113	37													
	1113	61													
Hawthorn	1192.6	61	YTW451A463AEK	YTW451A											
Nacrcissus	1272	61													
Columbine	1351.5	61	YTW457A463AEK	YTW457A	4.00	16.50	0.62					728	L728	YNA52R15H	L728
Carnation	1431	61													
Coreopsis	1590	61	YTW463A463AEK	YTW463A		17.13								YNA54R15H	
Jessamine	1750	61	YTW47A47AEK	YTW47A		16.38		YTW47AE						YNA56R15H	L729
Cowslip	2000	91	YTW48A484AEK	YTW48A								735	L735	YNA58R15H	L735
Sagebrush	2250	91	YTW484A484AEK	YTW484A				YTW484AE						YNA59R15H	
Lupine	2300	61	YTW486A486AE	YTW486A											
	2500	91				18.50		YTW486AE		3.12	1.25	740	L740	YNA594R15H	L740

* Overlap Crimp.

‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

Complete Assembly: Includes Aluminum Body, Steel eye, 15 degree terminal and aluminum hardware.

For stainless steel hardware add SS to the end of the catalog number. For complete assembly (example: YTW391A431AEKSS) or to terminal (YNA43R15HSS) if ordered separately.

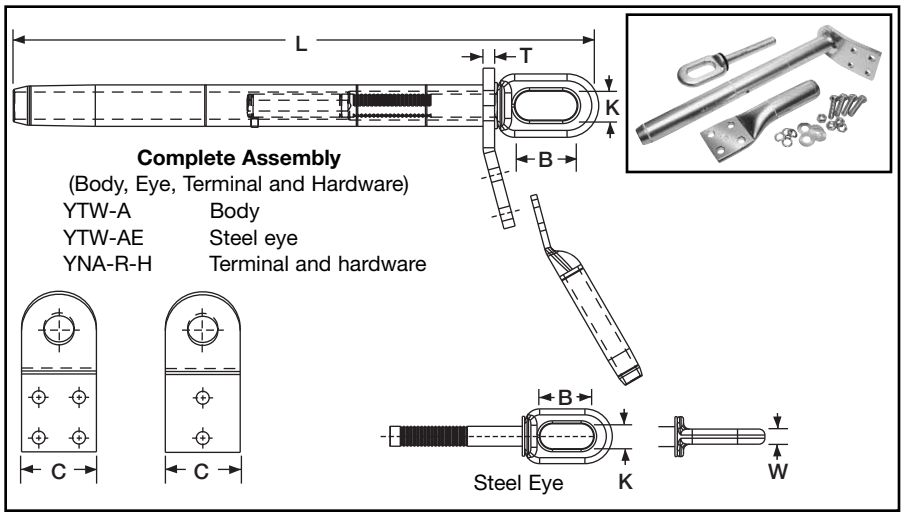
For assembly without terminal and hardware add NT to the end of the complete catalog number (example: YTW391A431AEKNT).

Blue highlighted items are industry standard and most frequently ordered.

TYPES YTW-AT-AEK, YTW-AT, YTW-AE, YNA-RTH EHV

Single Pad, EHV Full Tension Deadend for Stranded Aluminum Cable

Full tension compression deadend for SAC transmission lines at 345 kV and over. Two hole NEMA tap pad supplied through 636 kcmil. Larger sizes have 4 hole NEMA pad. Standard 15° tap pad when used with YNA-R15H terminal provides either 0° or 30° tap. Aluminum body is pre-filled with PENE-TROX™ joint compound and capped.



Aluminum			Single Pad		Inches			Steel	Inches			Tools		Terminal* with	Terminal
Conductor Name	kcmil	Str.	Complete Assembly	Aluminum Body	C	L	T	Eye	B	K	W	Die Index	Y60BHU*‡	Hardware	Die*‡
Tulip	336.4	19	YTW301AT331AEK	YTW301AT	2.25	9.62	0.50	YTW331AE	2.50	0.88	0.62	717	L717	YNA32RT15H	L717
	350	37													
Canna	397.5	19	YTW311AT331AEK	YTW311AT								719	L719	YNA34RT15H	L719
	400	37													
Cosmos	450	37	YTW331AT331AE	YTW331AT		9.75									
	477	19													
Syringa	477	37													
Hyacinth	500	37	YTW351T351AEK	YTW351AT		11.62		YTW351AE				720	L720	YNA36RT15H	L720
Dahlia	556.5	19													
Mistletoe	556.5	37													
Orchid	600	61	YTW361AT39AEK	YTW361AT		12.25		YTW39AE			0.69	722	L722	YNA39RT15H	L722
	636	37													
Violet	715.5	37	YTW39AT39AEK	YTW39AT	3.25	12.75						724	L724	YNA43RT15H	L724
Nasturtium	715.5	61													
Cattail	750	61													
Arbutus	795	37	YTW391AT431AEK	YTW391AT		14.38		YTW431AE	2.69	1.25	0.75				
Lilac	795	61													
	800	61													
Anemone	874.5	37	YTW431AT431AEK	YTW431AT		14.75						725	L725	YNA451RT15H	L725
Crocus	874.5	61													
Magnolia	954	37													
Goldenrod	954	61													
Bluebell	1033.5	37	YTW445AT463AEK	YTW445AT		15.62		YTW463AE			1.00	727	L727	YNA49RT15H	L727
Larkspur	1033.5	61													
Marigold	1113	37													
	1113	61													
Hawthorn	1192.6	61	YTW451AT463AEK	YTW451AT											
Nacrcissus	1272	61													
Columbine	1351.5	61	YTW457AT463AEK	YTW457AT	4.00	16.50	0.62					728	L728	YNA52RT15H	L728
Carnation	1431	61													
Coreopsis	1590	61	YTW463AT463AEK	YTW463AT		17.13								YNA54RT15H	
Jessamine	1750	61	YTW47AT47AEK	YTW47AT		16.38		YTW47AE						YNA56RT15H	L729
Cowslip	2000	91	YTW48AT484AEK	YTW48AT										YNA58RT15H	
Sagebrush	2250	91	YTW484AT484AEK	YTW484AT				YTW484AE				735	L735		L735
Lupine	2300	61	YTW486AT486AEK	YTW486AT										YNA59RT15H	
	2500	91				18.50		YTW486AE		3.12	1.25	740	L740	YNA594RT15H	L740

* Overlap Crimp.

‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

Complete Assembly: Includes Aluminum Body, Steel eye, 15 degree terminal and aluminum hardware.

For stainless steel hardware add SS to the end of the catalog number. For complete assembly (example: YTW391A431AEKSS) or to terminal (YNA43R15HSS) if ordered separately.

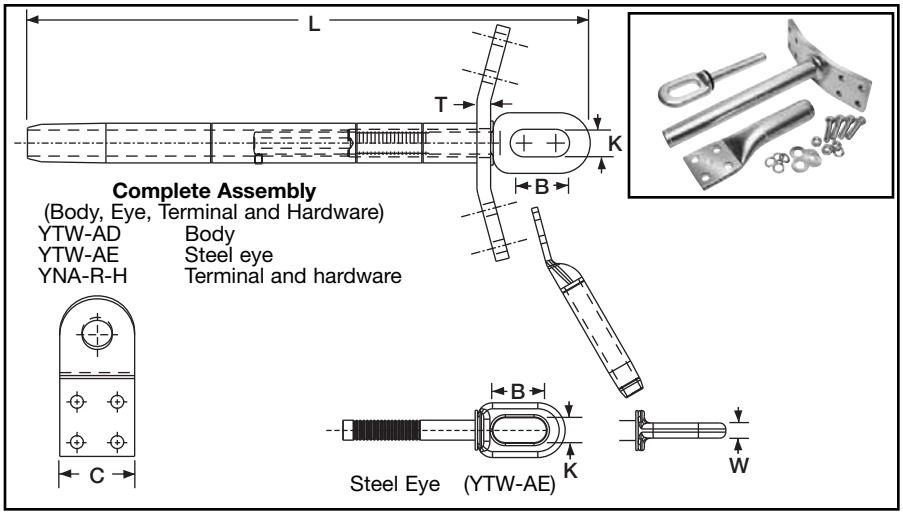
For assembly without terminal and hardware add NT to the end of the complete catalog number (example: YTW391A431AEKNT).

Blue highlighted items are industry standard and most frequently ordered.

TYPES YTW-AD-AEK, YTW-AD, YTW-AE, YNA-RH

Double Pad Full Tension Deadend for Stranded Aluminum Cable

Full tension compression deadend for SAC transmission lines. One design for applications up to and including 230 kV. Two hole NEMA tap pad supplied through 636 kcmil. Larger sizes have 4 hole NEMA pad. Standard 15° tap pad when used with YNA-R15H terminal provides either 0° or 30° tap. Aluminum body is pre-filled with PENETROX™ joint compound and capped.



Aluminum			Single Pad		Inches			Steel	Inches			Tools		Terminal* with	Terminal
Conductor Name	kcmil	Str.	Complete Assembly	Aluminum Body	C	L	T	Eye	B	K	W	Die Index	Y60BHU*‡	Hardware	Die*‡
Tulip	336.4	19	YTW301AD331AEK	YTW301AD	2.25	9.62	0.50	YTW331AE	2.50	0.88	0.62	717	L717	YNA32R15H	L717
	350	37													
Canna	397.5	19	YTW311AD331AEK	YTW311AD								719	L719	YNA34R15H	L719
	400	37													
Cosmos	450	37	YTW331AD331AE	YTW331AD		9.75									
	477	19													
Syringa	477	37													
Hyacinth	500	37	YTW351AD351AEK	YTW351AD		11.62		YTW351AE				720	L720	YNA36R15H	L720
Dahlia	556.5	19													
Mistletoe	556.5	37													
Orchid	600	61	YTW361AD39AEK	YTW361AD		12.25		YTW39AE			0.69	722	L722	YNA39R15H	L722
	636	37													
Violet	715.5	37	YTW39AD39AEK	YTW39AD	3.25	12.75						724	L724	YNA43R15H	L724
Nasturtium	715.5	61													
Cattail	750	61													
Arbutus	795	37	YTW391AD431AEK	YTW391AD		14.38		YTW431AE	2.69	1.25	0.75				
Lilac	795	61													
	800	61													
Anemone	874.5	37	YTW431AD431AEK	YTW431AD		14.75						725	L725	YNA451R15H	L725
Crocus	874.5	61													
Magnolia	954	37													
Goldenrod	954	61													
Bluebell	1033.5	37	YTW445AD463AEK	YTW445AD		15.62		YTW463AE			1.00	727	L727	YNA49R15H	L727
Larkspur	1033.5	61													
Marigold	1113	37													
	1113	61													
Hawthorn	1192.6	61	YTW451AD463AEK	YTW451AD											
Nacrcissus	1272	61													
Columbine	1351.5	61	YTW457AD463AEK	YTW457AD	4.00	16.5	0.62					728	L728	YNA52R15H	L728
Carnation	1431	61													
Coreopsis	1590	61	YTW463AD463AEK	YTW463AD		17.13								YNA54R15H	
Jessamine	1750	61	YTW47AD47AEK	YTW47AD		16.38		YTW47AE						YNA56R15H	L729
Cowslip	2000	91	YTW48AD484AEK	YTW48AD				YTW484AE				735	L735	YNA58R15H	L735
Sagebrush	2250	91	YTW484AD484AEK	YTW484AD										YNA59R15H	
Lupine	2300	61	YTW486AD486AE	YTW486AD											
	2500	91				18.50		YTW486AE		3.12	1.25	740	L740	YNA594R15H	L740

* Overlap Crimp.
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).
Complete Assembly: Includes Aluminum Body, Steel eye, 15 degree terminal and aluminum hardware.

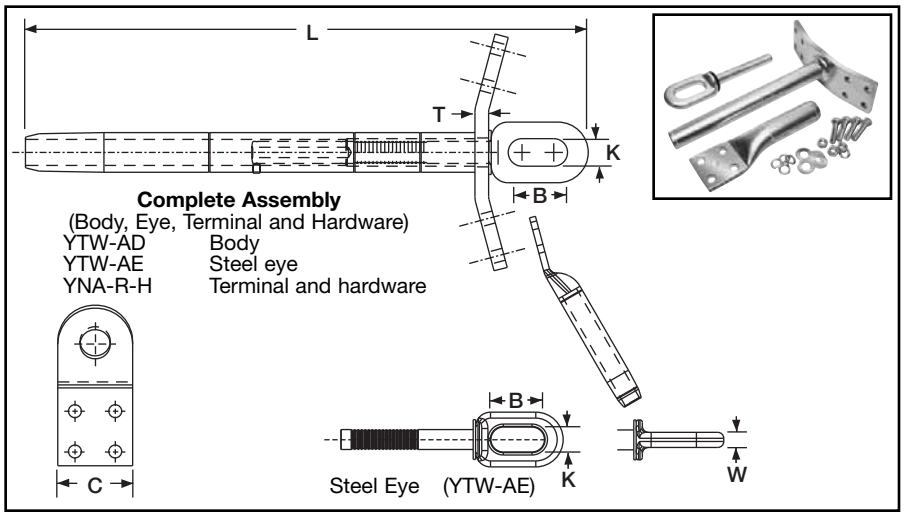
For stainless steel hardware add SS to the end of the catalog number. For complete assembly (example: YTW391A431AEKSS) or to terminal (YNA43R15HSS) if ordered separately.

For assembly without terminal and hardware add NT to the end of the complete catalog number (example: YTW391A431AEKNT).

TYPES YTW-ADT-AEK, YTW-ADT, YTW-AE, YNA-RTH EHV

Double Pad, EHV Full Tension Deadend for Stranded Aluminum Cable

Full tension compression deadend for SAC transmission line at 345kV and over. Two hole NEMA tap pad supplied through 636 kcmil. Larger sizes have 4 hole NEMA pad. Standard 15° tap pad when used with YNA-R15H terminal provides either 0° or 30° tap. Aluminum body is pre-filled with PENE-TROX™ joint compound and capped.



Aluminum			Single Pad		Inches			Steel	Inches			Tools		Terminal* with	Terminal
Conductor Name	kcmil	Str.	Complete Assembly	Aluminum Body	C	L	T	Eye	B	K	W	Die Index	Y60BHU*‡	Hardware	Die*‡
Tulip	336.4	19	YTW301ADT331AEK	YTW301ADT	2.25	9.62	0.50	YTW331AE	2.50	0.88	0.62	717	L717	YNA32R15H	L717
	350	37													
Canna	397.5	19	YTW311ADT331AEK	YTW311ADT								719	L719	YNA34R15H	L719
	400	37													
Cosmos	450	37	YTW331ADT331AE	YTW331ADT		9.75									
	477	19													
Syringa	477	37													
Hyacinth	500	37	YTW351ADT351AEK	YTW351ADT		11.62		YTW351AE				720	L720	YNA36R15H	L720
Dahlia	556.5	19													
Mistletoe	556.5	37													
Orchid	600	61	YTW361ADT39AEK	YTW361ADT		12.25		YTW39AE			0.69	722	L722	YNA39R15H	L722
	636	37													
Violet	715.5	37	YTW39ADT39AEK	YTW39ADT	3.25	12.75						724	L724	YNA43R15H	L724
Nasturtium	715.5	61													
Cattail	750	61													
Arbutus	795	37	YTW391ADT431AEK	YTW391ADT		14.38		YTW431AE	2.69	1.25	0.75				
Lilac	795	61													
	800	61													
Anemone	874.5	37	YTW431ADT431AEK	YTW431ADT		14.75						725	L725	YNA451R15H	L725
Crocus	874.5	61													
Magnolia	954	37													
Goldenrod	954	61													
Bluebell	1033.5	37	YTW445ADT463AEK	YTW445ADT		15.62		YTW463AE			1.00	727	L727	YNA49R15H	L727
Larkspur	1033.5	61													
Marigold	1113	37													
	1113	61													
Hawthorn	1192.6	61	YTW451ADT463AEK	YTW451ADT											
Nacrcissus	1272	61													
Columbine	1351.5	61	YTW457ADT463AEK	YTW457ADT	4.00	16.50	0.62					728	L728	YNA52R15H	L728
Carnation	1431	61													
Coreopsis	1590	61	YTW463ADT463AEK	YTW463ADT		17.13								YNA54R15H	
Jessamine	1750	61	YTW47ADT47AEK	YTW47ADT		16.38		YTW47AE						YNA56R15H	L729
Cowslip	2000	91	YTW48ADT484AEK	YTW48ADT										YNA58R15H	
Sagebrush	2250	91	YTW484ADT484AEK	YTW484ADT				YTW484AE				735	L735	YNA59R15H	L735
Lupine	2300	61	YTW486ADT486AE	YTW486ADT											
	2500	91				18.50		YTW486AE	3.12	1.25		740	L740	YNA594R15H	L740

* Overlap Crimp.

‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

Complete Assembly: Includes Aluminum Body, Steel eye, 15 degree terminal and aluminum hardware.

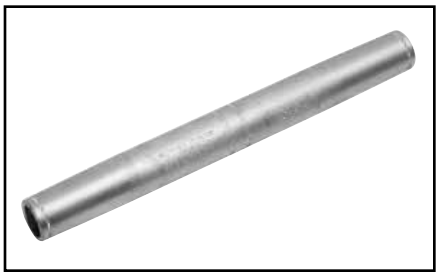
For stainless steel hardware add SS to the end of the catalog number. For complete assembly (example: YTW391A431AEKSS) or to terminal (YNA43R15HSS) if ordered separately.

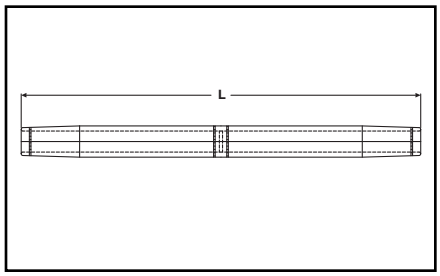
For assembly without terminal and hardware add NT to the end of the complete catalog number (example: YTW391A431AEKNT).

Blue highlighted items are industry standard and most frequently ordered.

TYPE YTS-A

Full Tension Splice for Stranded Aluminum Transmission Line





Full tension splice for Stranded Aluminum Transmission line up to and including 230 kV. Manufactured of aluminum tube with staked-in cable stop. Pre-filled with PENETROX™ joint compound and capped.

Conductor			Catalog Number	Inches L	Tool, Die Sets			
Conductor Name	Aluminum kcmil	Aluminum Strands			Die Index	Y45*	Y46*	Y60BHU* ‡
Tulip	336.4	19	**YTS301A**	9.13	717	S725	P725	L725
	350	37	**YTS301A**	9.13	717	S725	P725	L725
Canna	397.5	19	**YTS311A**	9.29	719	S719	P719	L719
	400	37	**YTS311A**	9.29	719	S719	P719	L719
	450	37	**YTS331A**	9.27	719	S719	P719	L719
Cosmos	477	19	**YTS331A**	9.27	719	S719	P719	L719
Syringa	477	37	**YTS331A**	9.27	719	S719	P719	L719
Hyacinth	500	37	**YTS351A**	11.18	720	S720	P720	L720
Dahila	556.5	19	**YTS351A**	11.18	720	S720	P720	L720
Mistletoe	556.5	37	**YTS351A**	11.18	720	S720	P720	L720
	600	61	**YTS361A**	12.14	722	S722	P722	L722
Orchid	636	37	**YTS361A**	12.14	722	S722	P722	L722
Violet	715.5	37	**YTS39A**	13.36	724	S724	P724	L724
Nasturtium	715.5	61	**YTS39A**	13.36	724	S724	P724	L724
Cattail	750	61	**YTS39A**	13.36	724	S724	P724	L724
Arbutus	795	37	**YTS391A**	15.81	724	S724	P724	L724
Lilac	795	61	**YTS391A**	15.81	724	S724	P724	L724
	800	61	**YTS391A**	15.81	724	S724	P724	L724
Anemone	874.5	37	**YTS431A**	16.51	725	S725	P725	L725
Crocus	874.5	61	**YTS431A**	16.51	725	—	—	L725
Magnolia	954	37	**YTS431A**	16.51	725	—	—	L725
Goldenrod	954	61	**YTS431A**	16.51	725	—	—	L725
Bluebell	1033.5	37	**YTS445A**	18.51	727	—	—	L727
Larkspur	1033.5	61	**YTS445A**	18.51	727	—	—	L727
	1113	37	**YTS445A**	18.51	727	—	—	L727
Marigold	1113	61	**YTS445A**	18.51	727	—	—	L727
Hawthorn	1192.6	61	**YTS451A**	18.40	727	—	—	L727
Nacrcissus	1272	61	**YTS451A**	18.40	727	—	—	L727
Columbine	1351.5	61	**YTS457A**	19.96	728	—	—	L728
Carnation	1431	61	**YTS457A**	19.96	728	—	—	L728
Coreopsis	1590	61	**YTS463A**	21.50	728	—	—	L728
	2300	61	**YTS484A**	20.19	735	—	—	L735
	2000	169	**YTS48A**	21.62	735	—	—	L735
Lupine	2500	91	**YTS486A**	24.28	740	—	—	L740
Jessamine	1750	61	**YTS47A**	19.96	725	S725	P725	L725

* Overlap Crimps.

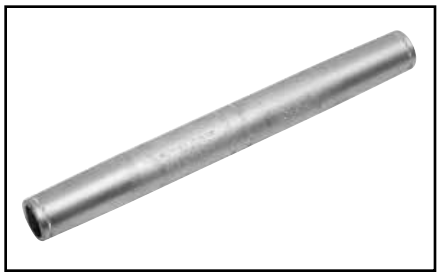
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

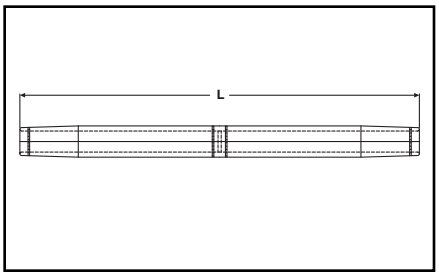
Blue highlighted items are industry standard and most frequently ordered.

TYPE YTS-AT EHV

Full Tension Splice for Stranded Aluminum Transmission Line

Full tension splice for Stranded Aluminum Transmission line at 345 kV and over. Manufactured of aluminum tube with staked-in cable stop. Pre-filled with PENETROX™ joint compound and capped.





Conductor			Catalog Number	Inches L	Tool, Die Sets			
Conductor Name	Aluminum kcmil	Aluminum Strands			Die Index	Y45*	Y46*	Y60BHU* ‡
Tulip	336.4	19	**YTS301AT**	9.75	717	S725	P725	L725
	350	37	**YTS301AT**	9.75	717	S725	P725	L725
Canna	397.5	19	**YTS311AT**	9.99	719	S719	P719	L719
	400	37	**YTS311AT**	9.99	719	S719	P719	L719
	450	37	**YTS331AT**	10.01	719	S719	P719	L719
Cosmos	477	19	**YTS331AT**	10.01	719	S719	P719	L719
Syringa	477	37	**YTS331AT**	10.01	719	S719	P719	L719
Hyacinth	500	37	**YTS351AT**	11.88	720	S720	P720	L720
Dahila	556.5	19	**YTS351AT**	11.88	720	S720	P720	L720
Mistletoe	556.5	37	**YTS351AT**	11.88	720	S720	P720	L720
	600	61	**YTS361AT**	12.92	722	S722	P722	L722
Orchid	636	37	**YTS361AT**	12.92	722	S722	P722	L722
Violet	715.5	37	**YTS39AT**	14.36	724	S724	P724	L724
Nasturtium	715.5	61	**YTS39AT**	14.36	724	S724	P724	L724
Cattail	750	61	**YTS39AT**	14.36	724	S724	P724	L724
Arbutus	795	37	**YTS391AT**	16.56	724	S724	P724	L724
Lilac	795	61	**YTS391AT**	16.56	724	S724	P724	L724
	800	61	**YTS391AT**	16.56	724	S724	P724	L724
Anemone	874.5	37	**YTS431AT**	17.92	725	S725	P725	L725
Crocus	874.5	61	**YTS431AT**	17.92	725	S725	P725	L725
Magnolia	954	37	**YTS431AT**	17.92	725	S725	P725	L725
Goldenrod	954	61	**YTS431AT**	17.92	725	S725	P725	L725
Bluebell	1033.5	37	**YTS445AT**	19.57	727	—	—	L727
Larkspur	1033.5	61	**YTS445AT**	19.57	727	—	—	L727
	1113	37	**YTS445AT**	19.57	727	—	—	L727
Marigold	1113	61	**YTS445AT**	19.57	727	—	—	L727
Hawthorn	1192.6	61	**YTS451AT**	19.24	727	—	—	L727
Narcissus	1272	61	**YTS451AT**	19.24	727	—	—	L727
Columbine	1351.5	61	**YTS457AT**	21.08	728	—	—	L728
Carnation	1431	61	**YTS457AT**	21.08	728	—	—	L728
Coreopsis	1590	61	**YTS463AT**	22.56	728	—	—	L728
	2300	61	**YTS484AT**	23.00	735	—	—	L735
	2000	169	**YTS48AT**	23.02	735	—	—	L735
Lupine	2500	91	**YTS486AT**	25.40	740	—	—	L740
Jessamine	1750	61	**YTS47AT**	21.08	725	S725	P725	L725

* Overlap Crimps.

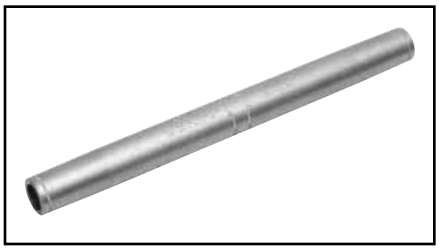
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

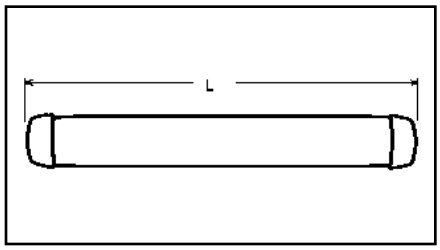
Blue highlighted items are industry standard and most frequently ordered.

TYPE YTS-AR

Full Tension Splice for ACAR

Full tension splice for ACAR transmission lines up to and including 230 kV. Manufactured of aluminum tube with staked-in cable stop. Pre-filled with PENETROX™ joint compound and capped.





Catalog Number	Conductor ACAR kcmil	Conductor ACAR Str.	L	Tool, Die Sets Die Index	Y45*	Y46*	Y60BHU* ‡
YTS32AR	395.1	12-7	15.25″	717	S717	P717	L717
	395.2	15-7					
YTS39AR	634.9	12-7	16.38″	722	S722	P722	L722
	649.5	18-19					
	653.1	15-4					
		12-7					
		18-19					
YTS451AR	840.2	24-13	19.50″	725	S725	P725	L725
	853.7	30-7					
		24-13					
	862.7	18-19					
	927.2	30-7					
		24-13					
		18-19					
YTS48AR	983.1	30-7	21.38″	727	—	—	L727
	1012.2	24-13					
	1024.5	30-7					
		24-13					
		18-19					
	1081	30-7					
		24-13					
		18-19					
YTS49AR	1109	30-7	21.42″				
		24-13					
		18-19					
	1172	30-7					
		24-13					
		18-19					
	1198	30-7					
		24-13					
		18-19					
		42-19					
YTS51AR	1277	42-19	21.50″				
		54-7					
	1280	30-7					
		24-13					
		18-19					
YTS55AR	1534	42-19	25.38″	728			L728
YTS59AR	2267	54-7	23.50″	814			**
		48-13					
	2277	42-19					
	2338	54-7					
		48-13					
		42-19					
	2335	72-19					
		30-61					
YTS592AR	2493	54-37	28.38″	990			***

* Overlap crimps.

‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

** Use die H814 in Alcoa Press H2H, die M814 in Alcoa Press 150B and die MH814 in Alcoa Press 100A. These dies are manufactured by BURNDY®.

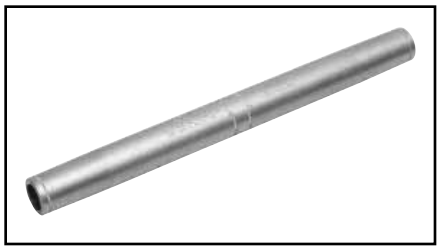
***Use die H990 in Alcoa Press H2H, die M990 in Alcoa Press 150B and die MH990 in Alcoa Press 100A. These dies are manufactured by BURNDY®.

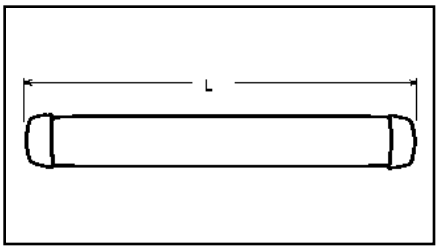
Blue highlighted items are industry standard and most frequently ordered.

TYPE YTS-ART EHV

Full Tension Splice for ACAR

Full tension splice for ACAR transmission lines at 345 kV and over. Manufactured of aluminum tube with staked-in cable stop. Pre-filled with PENETROX™ joint compound and capped.





Catalog Number	Conductor ACAR kcmil	Conductor ACAR Str.	Inches L	Tool, Die Sets Die Index	Y45*	Y46*	Y60BHU* ‡
YTS32ART	395.1	12-7	15.52	717	S717	P717	L717
	395.2	15-7					
YTS39ART	634.9	12-7	16.95	722	S722	P722	L722
	649.5	18-19					
	653.1	15-4					
		12-7					
		18-19					
YTS451ART	840.2	24-13	20.36	725	S725	P725	L725
	853.7	30-7					
		24-13					
	862.7	18-19					
	927.2	30-7					
		24-13					
		18-19					
YTS48ART	983.1	30-7	22.36	727	—	—	L727
	1012.2	24-13					
	1024.5	30-7					
		24-13					
		18-19					
	1081	30-7					
		24-13					
		18-19					
YTS49ART	1109	30-7	22.38				
		24-13					
		18-19					
	1172	30-7					
		24-13					
		18-19					
	1198	30-7					
		24-13					
		18-19					
		42-19					
YTS51ART	1277	42-19	22.46				
		54-7					
	1280	30-7					
		24-13					
		18-19					
YTS55ART	1534	42-19	26.40	728			L728
YTS59ART	2267	54-7	24.75	814			**
		48-13					
	2277	42-19					
	2338	54-7					
		48-13					
		42-19					
	2335	72-19					
		30-61					
YTS592ART	2493	54-37	29.40	990			***

* Overlap crimps.

‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

** Use die H814 in Alcoa Press H2H, die M814 in Alcoa Press 150B and die MH814 in Alcoa Press 100A. These dies are manufactured by BURNDY®.

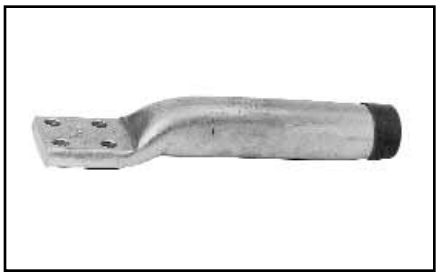
*** Use die H990 in Alcoa Press H2H, die M990 in Alcoa Press 150B and die MH990 in Alcoa Press 100A. These dies are manufactured by BURNDY®.

Blue highlighted items are industry standard and most frequently ordered.

TYPES YNA-R15 & YNA-R

Compression Terminal for ACAR and Stranded Aluminum Cable

Compression terminal ACAR and Stranded Aluminum Cable. Two hole NEMA tongue supplied through 650 kcmil Aluminum. For transmission line up to and including 230 kV supplied on tongue through 650 kcmil Aluminum. Four hole NEMA supplied on larger sizes. When used with YTW Deadends the 15° angle tongue provides either a 0° or 30° tap. Uses same dies as equivalent full-tension sleeve or deadend. Barrel pre-filled with PENETROX™ joint compound and capped. Pad coated with oxide-retardant.



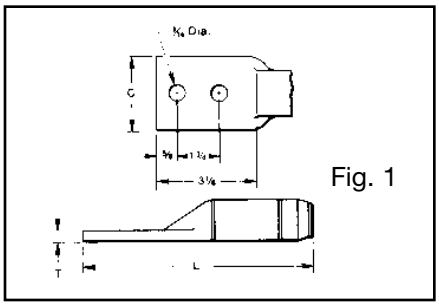


Fig. 1

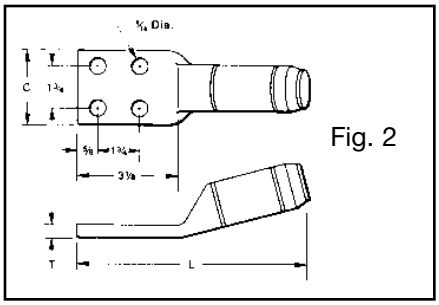


Fig. 2

Catalog Number †		Conductor		Fig.		L	L		Tools, Die Sets			
15°	Straight	ACAR	Aluminum	No.	C	15°	Straight	T	Die Index	Y45*	Y46*	Y60BHU*‡
YNA32R15	**YNA32R**	395.1 - 395.2	336.4 - 350	1	1.68″	9.16″	8.96″	0.39″	717	S717	P717	L717
YNA34R15	**YNA34R**	—	397.5 - 477		1.78″	9.31″	9.08″	0.46″	719	S719	P719	L719
YNA36R15	**YNA36R**	—	500 -556.5		1.96″	9.62″	9.47″	0.48″	720	S720	P720	L720
YNA39R15	**YNA39R**	634.9 - 653.1	600 - 650		2.08″	10.09″	9.84″	0.53″	722	S722	P722	L722
YNA43R15	**YNA43R**	—	700 - 800	2	3.22″	10.16″	10.07″	0.36″	724	S724	P724	L724
YNA451R15	**YNA451R**	840.2 927.2	795 1000			10.21″	10.28″	0.45″	725	S725	P725	L725
YNA49R15	**YNA49R**	983.1 - 1198	1033.5 - 1272			10.35″	10.46″	0.52″	727			L727
YNA52R15	**YNA52R**	1277 - 1280	1351.5 - 1510			12.09″	12.24″	0.71″	728			L728
YNA54R15	**YNA54R**	1534	1590 - 1600			13.30″	13.46″	0.71″	728			L728
YNA56R15	**YNA56R**	—	1700 - 1800		3.44″	12.50″	12.74″	0.81″	729	—	—	L729
YNA58R15	**YNA58R**	—	2000		3.47″	13.25″	13.34″	0.80″	735			L735
YNA59R15	**YNA59R**	—	2250 - 2300		3.57″	13.12″	13.25″	0.64″	735			L735
YNA594R15	**YNA594R**	2267 - 2500	2500		3.70″	12.81″	14.35″	0.68″	740			L740

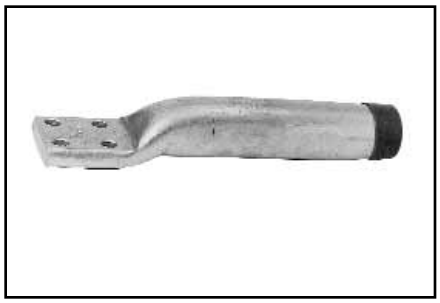
† To specify mounting hardware for bolting to corresponding deadend pad, add suffix "H" to catalog number (example: YNA54RTH).
* Overlap crimps.
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

Blue highlighted items are industry standard and most frequently ordered.

TYPES YNA-RT15, YNA-RT, EHV

Compression Terminal for ACAR and Stranded Aluminum Cable

Compression terminal ACAR and Stranded Aluminum Cable. For transmission lines over 230 kV. Two hole NEMA supplied on tongue through 650 kcmil Aluminum. Four hole NEMA supplied on larger sizes. When used with YTW Deadends the 15° angle tongue provides either a 0° or 30° tap. Uses same dies as equivalent full-tension sleeve or deadend. Barrel pre-filled with PENETROX™ joint compound and capped. Pad coated with oxide-retardant.



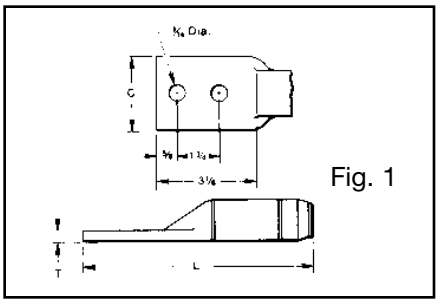


Fig. 1

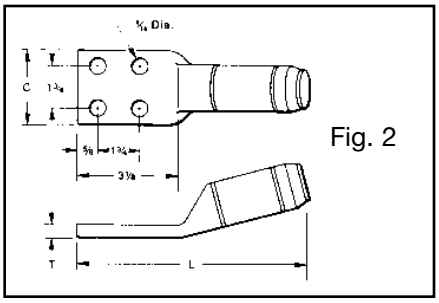


Fig. 2

Catalog Number †		Conductor		Fig.		L	L		Tools, Die Sets			
15°	Straight	ACAR	Aluminum	No.	C	15°	Straight	T	Die Index	Y45*	Y46*	Y60BHU*‡
YNA32RT15	YNA32RT	395.1 - 395.2	336.4 - 350	1	1.68″	9.04″	9.14″	0.39″	717	S717	P717	L717
YNA34RT15	YNA34RT	—	397.5 - 477		1.78″	9.21″	9.30″	0.46″	719	S719	P719	L719
YNA36RT15	YNA36RT	—	500 -556.5		1.96″	9.63″	9.70″	0.48″	720	S720	P720	L720
YNA39RT15	YNA39RT	634.9 - 653.1	600 - 650		2.08″	10.02″	10.09″	0.53″	722	S722	P722	L722
YNA43RT15	YNA43RT	—	700 - 800	2	3.22″	10.21″	10.32″	0.36″	724	S724	P724	L724
YNA451RT15 ‡‡	YNA451RT ‡‡	840.2 927.2	795 1000			10.65″	10.57″	0.45″	725	S725	P725	L725
YNA49RT15 ‡‡	YNA49RT ‡‡	983.1 - 1198	1033.5 - 1272			10.94″	10.71″	0.52″	727	—	—	L727
YNA52RT15 ‡‡	YNA52RT ‡‡	1277 - 1280	1351.5 - 1510			12.62″	13.82″	0.71″	728			L728
YNA54RT15 ‡‡	YNA54RT ‡‡	1534	1590 - 1600			14.02″	13.79″	0.71″	728			L728
YNA56RT15 ‡‡	YNA56RT ‡‡	—	1700 - 1800		3.44″	13.36″	13.76″	0.81″	729			L729
YNA58RT15 ‡‡	YNA58RT ‡‡	—	2000		3.47″	14.08″	13.70″	0.80″	735			L735
YNA59RT15 ‡‡	YNA59RT ‡‡	—	2250 - 2300		3.57″	13.75″	13.54″	0.64″	735			L735
YNA594RT15 ‡‡	YNA594RT ‡‡	2267 - 2500	2500		3.70″	13.50″	14.06″	0.68″	740			L740

† To specify mounting hardware for bolting to corresponding deadend pad, add suffix "H" to catalog number (example: YNA54RTH).

* Overlap crimps.

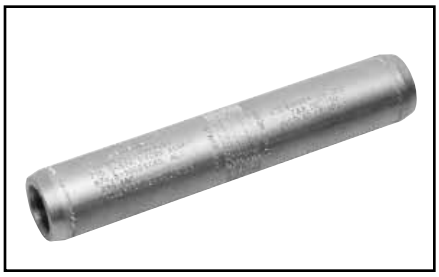
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

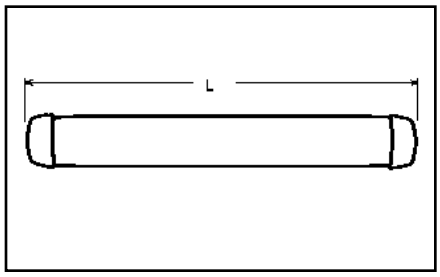
‡‡If shielding caps are required for this item, use Catalog Number STS43A-4N.

Blue highlighted items are industry standard and most frequently ordered.

TYPE YNS-R

Jumper Loop Sleeve for ACAR and Stranded Aluminum Conductor





Jumper sleeve for ACAR and Stranded Aluminum Cable up to and including 230 kV. Sleeve prefilled with PENETROX™ joint compound and capped.

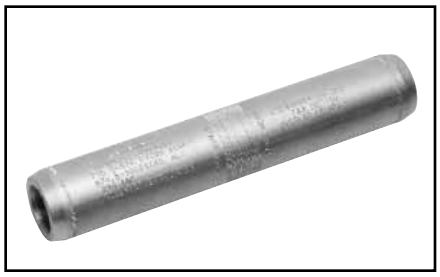
Catalog Number	Conductor		Inches	Tools, Die Sets			
	ACAR	Aluminum	L	Die Index	Y45*	Y46*	Y60BHU*‡
YNS32R	395.1 - 395.2	336.4 - 350	8.60	717	S717	P717	L717
YNS34R	—	397.5 - 477	8.68	719	S719	P719	L719
YNS36R	—	500 - 556.5	9.20	720	S720	P720	L720
YNS39R	634.9 - 655.1	600 - 650	9.76	722	S722	P722	L722
YNS43R	—	700 - 800	9.98	724	S724	P724	L724
YNS451R	840.2 - 927.2	795 - 1000	10.04	725	S725	P725	L725
YNS49R	983.1 - 1198	1033.5 - 1272	10.08	727	—	—	L727
YNS52R	1277 - 1280	1351.5 - 1510	15.48	728	—	—	L728
YNS54R	1534	1590 - 1600	15.48	728	—	—	L728
YNS56R	—	1700 - 1800	14.80	729	—	—	L729
YNS58R	—	2000	14.74	735	—	—	L735
YNS59R	—	2250	14.56	735	—	—	L735
YNS594R	2267 - 2500	2500	14.04	740	—	—	L740

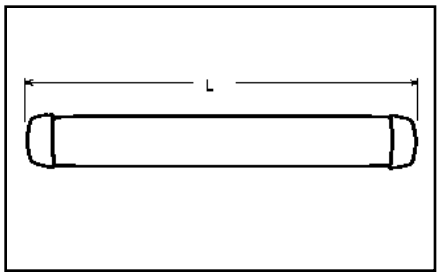
* Overlap crimps.
‡ Wide dies may be used, add suffix “W” to part number (example: L725W).

TYPE YNS-RT EHV

Jumper Loop Sleeve for ACAR and Stranded Aluminum Conductor

Jumper sleeve for ACAR and Stranded Aluminum Cable over 230 kV. Sleeve prefilled with PENETROX™ joint compound and capped.





Catalog Number	Conductor		Inches	Tools, Die Sets			
	ACAR	Aluminum	L	Die Index	Y45*	Y46*	Y60BHU*‡
YNS32RT	395.1 - 395.2	336.4 - 350	8.86	717	S717	P717	L717
YNS34RT	—	397.5 - 477	9.10	719	S719	P719	L719
YNS36RT	—	500 - 556.5	9.64	720	S720	P720	L720
YNS39RT	634.9 - 655.1	600 - 650	10.26	722	S722	P722	L722
YNS43RT	—	700 - 800	10.48	724	S724	P724	L724
YNS451RT	840.2 - 927.2	795 - 1000	10.60	725	S725	P725	L725
YNS49RT	983.1 - 1198	1033.5 - 1272	10.66	727	—	—	L727
YNS52RT	1277 - 1280	1351.5 - 1510	16.20	728	—	—	L728
YNS54RT	1534	1590 - 1600	16.11	728	—	—	L728
YNS56RT	—	1700 - 1800	15.58	729	—	—	L729
YNS58RT	—	2000	15.46	735	—	—	L735
YNS59RT	—	2250	15.14	735	—	—	L735
YNS594RT	2267 - 2500	2500	16.53	740	—	—	L740

* Overlap crimps.

‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

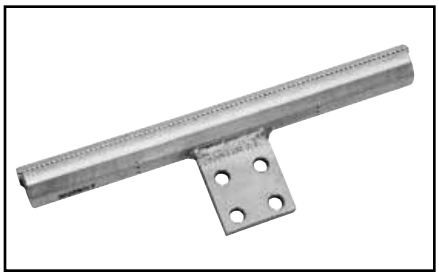
Blue highlighted items are industry standard and most frequently ordered.

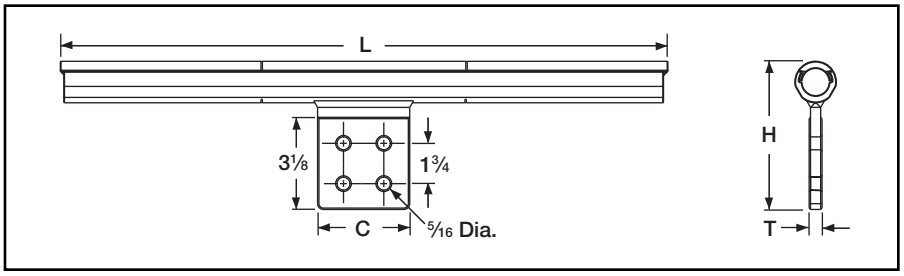
TYPE YNTA-R

T-Tap With Pad

For ACAR and Stranded Aluminum Cable

Two-piece compression T-Tap with pad for ACAR and Stranded aluminum transmission lines.





Catalog Number	Conductor		Fig. No.	Inches				Tools, Die Sets			
	ACAR	Aluminum		L	C	H	T	Die Index	Y45*	Y46*	Y60BHU*‡
YNTA32R	395.1 - 395.2	336.4 - 350	1	15.46	2.00	4.94	0.50	717	S717	P717	L717
YNTA34R		397.5 - 477	1	15.60	2.00	5.05	0.50	719	S719	P719	L719
YNTA36R		500 - 556.5	1	16.29	2.25	5.16	0.56	720	S720	P720	L720
YNTA39R	634.9 - 653.1	600 - 650	1	16.69	2.25	5.25	0.56	722	S722	P722	L722
YNTA43R		700 - 800	2	17.48	3.25	5.36	0.56	724	S724	P724	L724
YNTA451R	840.2 - 927.2	795 - 1000	2	17.60	3.25	5.55	0.56	725	S725	P725	L725
YNTA49R	983.1 - 1198	1033.5 - 1272	2	17.66	3.25	5.72	0.56	727	—	—	L727
YNTA54R		1351.5 - 1600	2	21.61	3.25	6.00	0.69	728	—	—	L728
YNTA56R	1650	1700 - 1800	2	23.65	3.59	6.25	0.69	729	—	—	L729
YNTA58R		2000	2	23.53	3.59	6.25	0.69	735	—	—	L735
YNTA59R		2300	2	23.21	3.59	6.25	0.69	735	—	—	L735
YNTA594R	2267 - 2500	2500	2	24.3	3.59	6.35	0.69	740	—	—	L740

Two hole NEMA pads standard for conductors up to 650 kcmil.
Four hole NEMA pads on larger condcutor sizes.

* Overlap crimps.

** For Extra High Voltage (EHV) applications order two tap pad shielding caps STS43A4N. Catalog number indicates 1 cap. Two caps required per assembly.

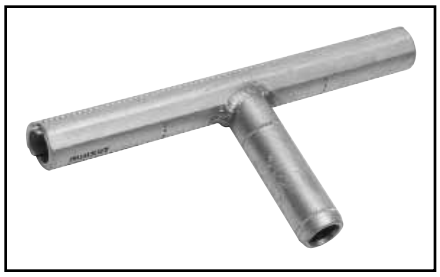
‡ Wide dies may be used add suffix "W" to the part number (example: L725W).

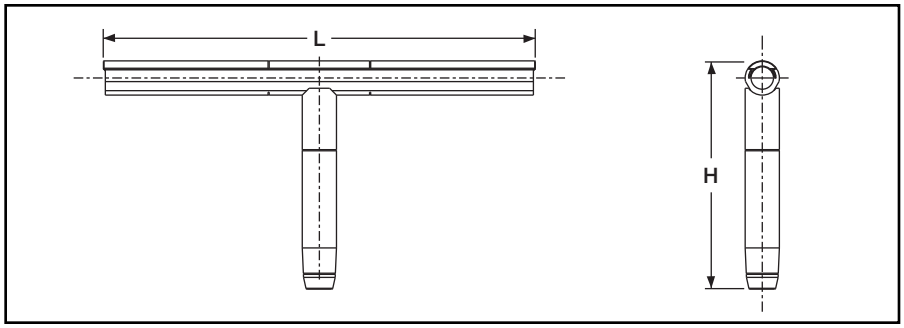
TYPE YNT-R-R

Compression T-Tap

Two-Piece Compression T-Tap for ACAR and Stranded Aluminum Transmission Lines

Installed with same dies as equivalent full tension splice. Tap element pre-filled with PENETROX™ joint compound.





I-29

Catalog Number	Conductor Run and Tap		Inches		Tools, Die Sets			
	ACAR	Aluminum	L	H	Die Index	Y45*	Y46*	Y60BHU*‡
YNT32R32R		336.4 - 350	15.46	6.39	717	S717	P717	L717
YNT34R34R		397.5 - 477	15.60	6.53	719	S719	P719	L719
YNT36R36R		500 - 556.5	16.29	6.85	720	S720	P720	L720
YNT39R39R		600 - 650	16.69	7.13	722	S722	P722	L722
YNT43R43R		700 - 800	17.48	7.20	724	S724	P724	L724
YNT451R451R	840.2 - 927.2	795 - 1000	17.60	7.70	725	S725	P725	L725
YNT49R49R		1033.5 - 1272	17.66	7.90	727	—	—	L727
YNT52R52R		1510	21.61	11.10	728	—	—	L728
YNT54R54R		1590 - 1600	21.61	11.10	728	—	—	L728
YNT56R56R	1650	1700 - 1800	23.65	11.08	729	—	—	L729
YNT58R58R		2000	23.53	11.02	735	—	—	L735
YNT59R59R		2300	23.21	10.88	735	—	—	L735
YNT594R594R	2267 - 2500	2500	24.30	11.45	740	—	—	L740

* Overlap Crimps.

** For Extra High Voltage (EHV) applications add suffix "T" to the catalog number (example: YBT49R49RT).

‡ Wide dies may be used add suffix "W" to the part number (example: L725W).

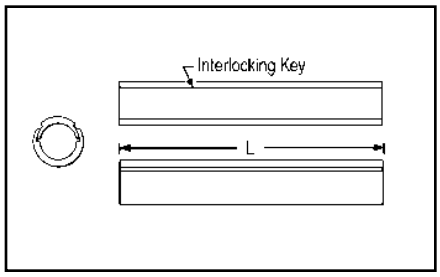
Blue highlighted items are industry standard and most frequently ordered.

TYPE YNU-R

Repair Sleeve for ACAR and Stranded Aluminum Cable

Two piece repair sleeves for restoring conductivity to damaged ACAR or Stranded Aluminum Cable transmission lines. Installed with same dies as equivalent full tension splice. Use of PENETROX™ joint compound required. For High Voltage and Extra High Voltage (EHV) Applications.





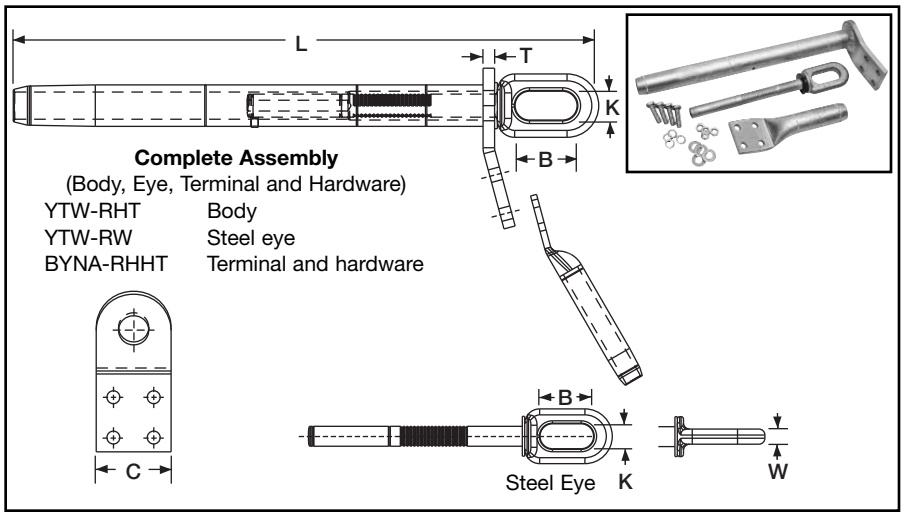
Catalog Number	Conductor		Inches	Tools, Die Sets			
	ACAR	Aluminum	L	Die Index	Y45*	Y46*	Y60BHU*‡
YNU32R	—	336.4 - 350	14.00	717	S717	P717	L717
YNU34R	—	397.5 - 477	14.00	719	S719	P719	L719
YNU36R	—	500 - 556.5	14.00	720	S720	P720	L720
YNU39R	—	600 - 650	16.00	722	S722	P722	L720
YNU43R	—	700 - 800	16.00	724	S724	P724	L724
YNU451R	840.2 - 927.2	795 - 1000	16.00	725	S725	P725	L725
YNU49R	—	1033.5 - 1272	16.00	727	—	—	L727
YNU54R	—	1351.5 - 1600	16.00	728	—	—	L728
YNU56R	—	1700 - 1800	19.00	729	—	—	L729
YNU59R	—	2000 -2300	19.00	735	—	—	L735
YNU594R	2267 - 2500	2500	20.00	740	—	—	L740
YNU595R	2500	2500	24.60	791	—	—	L791

* Overlap Crimps.
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

TYPES YTW-R-REKHT, YTW-RHT, YTW-REHT, BYNA-R-HHT

Single Pad Full Tension Deadend for ACSS Conductor

Full tension compression deadend for 250ºC rated ACSS transmission lines up to and including 230 kV. Standard 15º NEMA tap pad provides either 0º or 30º tap when BYNA-R15 terminal is used.



ACSS				Single Pad		Inches			Body		Inches			Eye	Terminal † with	Term
Conductor Name	Size kcmil	Stranding Alum	Stranding Steel	Complete Assembly	Alum. Body	L	C	T	Die*‡	Steel Eye	B	K	W	Die*	Hardware	Die*‡
Linnet	336.4	26	7	YTW32R34REKHT	YTW32RHT	21.53	3.25	0.50	L717	YTW34REHT	2.50	0.88	0.62	L718	BYNA32R15HHT	L717
Oriole	336.4	30	7	YTW32R33REKHT	YTW32RHT	21.53	3.25	0.50	L717	YTW33REHT	2.50	0.88	0.62	L718	BYNA32R15HHT	L717
Ibis	397.5	26	7	YTW34R34REKHT	YTW34RHT	21.60	3.25	0.50	L719	YTW34REHT	2.50	0.88	0.62	L718	BYNA34R15HHT	L719
Flicker	477	24	7	YTW36R362REKHT	YTW36RHT	23.41	3.25	0.50	L720	YTW362REHT	2.50	0.88	0.62	L721	BYNA36R15HHT	L720
Hawk	477	26	7	YTW36R36REKHT	YTW36RHT	23.41	3.25	0.50	L720	YTW36REHT	2.50	0.88	0.62	L721	BYNA36R15HHT	L720
Parakeet	556.5	24	7	YTW39R43REKHT	YTW39RHT	23.66	3.25	0.50	L722	YTW43REHT	2.50	0.88	0.69	L723	BYNA39R15HHT	L722
Dove	556.5	26	7	YTW39R43REKHT	YTW39RHT	23.66	3.25	0.50	L722	YTW43REHT	2.50	0.88	0.69	L723	BYNA39R15HHT	L722
Peacock	605	24	7	YTW43R43REKHT	YTW43RHT	24.49	3.25	0.50	L724	YTW43REHT	2.50	0.88	0.69	L723	BYNA43R15HHT	L724
Squab	605	26	7	YTW43R43REKHT	YTW43RHT	24.49	3.25	0.50	L724	YTW43REHT	2.50	0.88	0.69	L723	BYNA43R15HHT	L724
Rook	636	24	7	YTW43R43REKHT	YTW43RHT	24.49	3.25	0.50	L724	YTW43REHT	2.50	0.88	0.69	L723	BYNA43R15HHT	L724
Grosbeak	636	26	7	YTW43R43REKHT	YTW43RHT	24.49	3.25	0.50	L724	YTW43REHT	2.50	0.88	0.69	L723	BYNA43R15HHT	L724
Flamingo	666.6	24	7	YTW43R43REKHT	YTW43RHT	24.49	3.25	0.50	L724	YTW43REHT	2.50	0.88	0.69	L723	BYNA43R15HHT	L724
Starling	715.5	26	7	YTW451R48REKHT	YTW451RHT	29.41	3.25	0.50	L725	YTW48REHT	2.69	1.25	0.75	L726	BYNA451R15HHT	L725
Cuckoo	795	24	7	YTW451R45REKHT	YTW451RHT	29.41	3.25	0.50	L725	YTW45REHT	2.69	1.25	0.75	L726	BYNA451R15HHT	L725
Drake	795	26	7	YTW451R48REKHT	YTW451RHT	29.41	3.25	0.50	L725	YTW48REHT	2.69	1.25	0.75	L726	BYNA451R15HHT	L725
Tern	795	45	7	YTW451R481REKHT	YTW451RHT	29.41	3.25	0.50	L725	YTW481REHT	2.69	1.25	0.75	L726	BYNA451R15HHT	L725
Condor	795	54	7	YTW451R45REKHT	YTW451RHT	29.41	3.25	0.50	L725	YTW45REHT	2.69	1.25	0.75	L726	BYNA451R15HHT	L725
Ruddy	900	45	7	YTW48R481REKHT	YTW48RHT	29.50	3.25	0.50	L727	YTW481REHT	2.69	1.25	0.75	L726	BYNA49R15HHT	L727
Rail	954	45	7	YTW48R481REKHT	YTW48RHT	29.50	3.25	0.50	L727	YTW481REHT	2.69	1.25	0.75	L726	BYNA49R15HHT	L727
Cardinal	954	54	7	YTW48R48REKHT	YTW48RHT	29.50	3.25	0.50	L727	YTW48REHT	2.69	1.25	0.75	L726	BYNA49R15HHT	L727
Ortolan	1033.5	45	7	YTW49R483REKHT	YTW49RHT	31.35	3.25	0.50	L727	YTW483REHT	2.69	1.25	1.00	L726	BYNA49R15HHT	L727
Curlew	1033.5	54	7	YTW49R50REKHT	YTW49RHT	31.35	3.25	0.50	L727	YTW50REHT	2.69	1.25	1.00	L726	BYNA49R15HHT	L727
Bluejay	1113	45	7	YTW49R483REKHT	YTW49RHT	31.35	3.25	0.50	L727	YTW483REHT	2.69	1.25	1.00	L726	BYNA49R15HHT	L727
Finch	1113	54	19	YTW52R50REKHT	YTW52RHT	35.55	3.25	0.50	L728	YTW50REHT	2.69	1.25	1.00	L726	BYNA52R15HHT	L728
Bunting	1192.5	45	7	YTW52R521REKHT	YTW52RHT	35.55	4.00	0.62	L728	YTW521REHT	2.69	1.25	1.00	L726	BYNA52R15HHT	L728
Bittern	1272	45	7	YTW52R521REKHT	YTW52RHT	35.55	4.00	0.62	L728	YTW521REHT	2.69	1.25	1.00	L726	BYNA52R15HHT	L728
Pheasant	1272	54	19	YTW52R56REKHT	YTW52RHT	35.55	4.00	0.62	L728	YTW56REHT	2.69	1.25	1.00	L726	BYNA52R15HHT	L728
Dipper	1351.5	45	7	YTW52R521REKHT	YTW52RHT	35.55	4.00	0.62	L728	YTW521REHT	2.69	1.25	1.00	L726	BYNA52R15HHT	L728
Martin	1351.5	54	19	YTW52R56REKHT	YTW52RHT	35.55	4.00	0.62	L728	YTW56REHT	2.69	1.25	1.00	L726	BYNA52R15HHT	L728
Nuthatch	1510.5	45	7	YTW549R521REKHT	YTW549RHT	35.55	4.00	0.62	L729	YTW521REHT	2.69	1.25	1.00	L726	BYNA56R15HHT	L729
Parrot	1510.5	54	19	YTW549R56REKHT	YTW549RHT	35.55	4.00	0.62	L729	YTW56REHT	2.69	1.25	1.00	L726	BYNA56R15HHT	L729
Lapwing	1590	45	7	YTW549R549REKHT	YTW549RHT	35.55	4.00	0.62	L729	YTW549REHT	2.69	1.25	1.00	L726	BYNA56R15HHT	L729
Falcon	1590	54	19	YTW56R590REKHT	YTW56RHT	35.99	4.00	0.62	L729	YTW590REHT	2.69	1.25	1.00	L726	BYNA56R15HHT	L729
Chukar	1780	84	19	YTW58R58REKHT	YTW58RHT	36.99	4.00	0.62	L735	YTW58REHT	2.69	1.25	1.00	L726	BYNA58R15HHT	L735
Bluebird	2156	84	19	YTW59R59REKHT	YTW59RHT	37.34	4.00	0.62	L735	YTW59REHT	2.69	1.25	1.00	L726	BYNA59R15HHT	L735
Kiwi	2167	72	7	YTW59R591REKHT	YTW59RHT	37.34	4.00	0.62	L735	YTW591REHT	2.69	1.25	1.00	L726	BYNA59R15HHT	L735

Complete Assembly: Includes Aluminum body, Steel eye, 15 degree terminal and aluminum hardware.
For stainless steel hardware add SS to end of catalog number for complete assembly (example: YTW32R34REKHTSS) or to terminal if ordered separately (BYNA32R15HTSSHHTSS).

For assembly without terminal and hardware add NT to end of complete assembly catalog number (example: YTW32R34REKHTNT).

† BYNA terminals must be crimped from cable end moving toward pad end.

* Overlap crimps

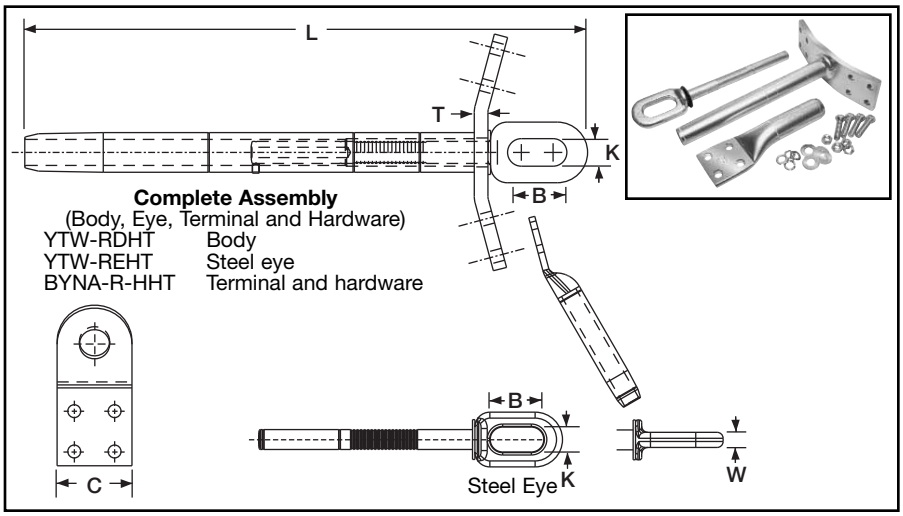
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

Blue highlighted items are industry standard and most frequently ordered.

TYPES YTW-RD-REKHT, YTW-RDHT, YTW-REHT, BYNA-R-HHT

Double Pad Full Tension Deadend for ACSS Conductor

Full tension compression deadend for 250ºC rated ACSS transmission lines up to and including 230 kV. Standard 15º NEMA tap pads provide either 0º or 30º tap when BYNA-R15 terminal is used.



ACSS				Double Pad		Inches			Body	Steel Eye	Inches			Eye	Terminal † with	Term
Conductor Name	Size kcmil	Stranding Alum	Stranding Steel	Complete Assembly	Alum. Body	L	C	T	Die*‡		B	K	W	Die*	Hardware	Die*‡
Linnet	336.4	26	7	YTW32RD34REKHT	YTW32RDHT	21.53	3.25	0.50	L717	YTW34REHT	2.50	0.88	0.62	L718	BYNA32R15HHT	L717
Oriole	336.4	30	7	YTW32RD33REKHT	YTW32RDHT	21.53	3.25	0.50	L717	YTW33REHT	2.50	0.88	0.62	L718	BYNA32R15HHT	L717
Ibis	397.5	26	7	YTW34RD34REKHT	YTW34RDHT	21.60	3.25	0.50	L719	YTW34REHT	2.50	0.88	0.62	L718	BYNA34R15HHT	L719
Flicker	477	24	7	YTW36RD362REKHT	YTW36RDHT	23.41	3.25	0.50	L720	YTW362REHT	2.50	0.88	0.62	L721	BYNA36R15HHT	L720
Hawk	477	26	7	YTW36RD36REKHT	YTW36RDHT	23.41	3.25	0.50	L720	YTW36REHT	2.50	0.88	0.62	L721	BYNA36R15HHT	L720
Parakeet	556.5	24	7	YTW39RD43REKHT	YTW39RDHT	23.66	3.25	0.50	L722	YTW43REHT	2.50	0.88	0.69	L723	BYNA39R15HHT	L722
Dove	556.5	26	7	YTW39RD43REKHT	YTW39RDHT	23.66	3.25	0.50	L722	YTW43REHT	2.50	0.88	0.69	L723	BYNA39R15HHT	L722
Peacock	605	24	7	YTW43RD43REKHT	YTW43RDHT	24.49	3.25	0.50	L724	YTW43REHT	2.50	0.88	0.69	L723	BYNA43R15HHT	L724
Squab	605	26	7	YTW43RD43REKHT	YTW43RDHT	20.49	3.25	0.50	L724	YTW43REHT	2.50	0.88	0.69	L723	BYNA43R15HHT	L724
Rook	636	24	7	YTW43RD43REKHT	YTW43RDHT	24.49	3.25	0.50	L724	YTW43REHT	2.50	0.88	0.69	L723	BYNA43R15HT	L724
Grosbeak	636	26	7	YTW43RD43REKHT	YTW43RDHT	24.49	3.25	0.50	L724	YTW43REHT	2.50	0.88	0.69	L723	BYNA43R15HHT	L724
Flamingo	666.6	24	7	YTW43RD43REKHT	YTW43RDHT	24.49	3.25	0.50	L724	YTW43REHT	2.50	0.88	0.69	L723	BYNA43R15HHT	L724
Starling	715.5	26	7	YTW451RD48REKHT	YTW451RDHT	29.41	3.25	0.50	L725	YTW48REHT	2.69	1.25	0.75	L726	BYNA451R15HHT	L725
Cuckoo	795	24	7	YTW451RD45REKHT	YTW451RDHT	29.41	3.25	0.50	L725	YTW45REHT	2.69	1.25	0.75	L726	BYNA451R15HHT	L725
Drake	795	26	7	YTW451RD48REKHT	YTW451RDHT	29.41	3.25	0.50	L725	YTW48REHT	2.69	1.25	0.75	L726	BYNA451R15HHT	L725
Tern	795	45	7	YTW451RD481REKHT	YTW451RDHT	29.41	3.25	0.50	L725	YTW481REHT	2.69	1.25	0.75	L726	BYNA451R15HHT	L725
Condor	795	54	7	YTW451RD45REKHT	YTW451RDHT	29.41	3.25	0.50	L725	YTW45REHT	2.69	1.25	0.75	L726	BYNA451R15HHT	L725
Ruddy	900	45	7	YTW48RD481REKHT	YTW48RDHT	29.50	3.25	0.50	L727	YTW481REHT	2.69	1.25	0.75	L726	BYNA49R15HHT	L727
Rail	954	45	7	YTW48RD481REKHT	YTW48RDHT	29.50	3.25	0.50	L727	YTW481REHT	2.69	1.25	0.75	L726	BYNA49R15HHT	L727
Cardinal	954	54	7	YTW48RD48REKHT	YTW48RDHT	29.50	3.25	0.50	L727	YTW48REHT	2.69	1.25	0.75	L726	BYNA49R15HHT	L727
Ortolan	1033.5	45	7	YTW49RD483REKHT	YTW49RDHT	31.35	3.25	0.50	L727	YTW483REHT	2.69	1.25	1.00	L726	BYNA49R15HHT	L727
Curlew	1033.5	54	7	YTW49RD50REKHT	YTW49RDHT	31.35	3.25	0.50	L727	YTW50REHT	2.69	1.25	1.00	L726	BYNA49R15HHT	L727
Bluejay	1113	45	7	YTW49RD483REKHT	YTW49RDHT	31.35	3.25	0.50	L727	YTW483REHT	2.69	1.25	1.00	L726	BYNA49R15HHT	L727
Finch	1113	54	19	YTW52RD50REKHT	YTW52RDHT	35.55	3.25	0.50	L728	YTW50REHT	2.69	1.25	1.00	L726	BYNA52R15HHT	L728
Bunting	1192.5	45	7	YTW52RD521REKHT	YTW52RDHT	35.55	4.00	0.62	L728	YTW521REHT	2.69	1.25	1.00	L726	BYNA52R15HHT	L728
Bittern	1272	45	7	YTW52RD521REKHT	YTW52RDHT	35.55	4.00	0.62	L728	YTW521REHT	2.69	1.25	1.00	L726	BYNA52R15HHT	L728
Pheasant	1272	54	19	YTW52RD56REKHT	YTW52RDHT	35.55	4.00	0.62	L728	YTW56REHT	2.69	1.25	1.00	L726	BYNA52R15HHT	L728
Dipper	1351.5	45	7	YTW52RD521REKHT	YTW52RDHT	35.55	4.00	0.62	L728	YTW521REHT	2.69	1.25	1.00	L726	BYNA52R15HHT	L728
Martin	1351.5	54	19	YTW52RD56REKHT	YTW52RDHT	35.55	4.00	0.62	L728	YTW56REHT	2.69	1.25	1.00	L726	BYNA52R15HHT	L728
Nuthatch	1510.5	45	7	YTW549RD521REKHT	YTW549RDHT	35.55	4.00	0.62	L729	YTW521REHT	2.69	1.25	1.00	L726	BYNA56R15HHT	L729
Parrot	1510.5	54	19	YTW549RD56REKHT	YTW549RDHT	35.55	4.00	0.62	L729	YTW56REHT	2.69	1.25	1.00	L726	BYNA56R15HHT	L729
Lapwing	1590	45	7	YTW549RD549REKHT	YTW549RDHT	35.55	4.00	0.62	L729	YTW549REHT	2.69	1.25	1.00	L726	BYNA56R15HHT	L729
Falcon	1590	54	19	YTW56RD590REKHT	YTW56RDHT	35.99	4.00	0.62	L729	YTW590REHT	2.69	1.25	1.00	L726	BYNA56R15HHT	L729
Chukar	1780	84	19	YTW58RD58REKHT	YTW58RDHT	36.99	4.00	0.62	L735	YTW58REHT	2.69	1.25	1.00	L726	BYNA58R15HHT	L735
Bluebird	2156	84	19	YTW59RD59REKHT	YTW59RDHT	37.34	4.00	0.62	L735	YTW59REHT	2.69	1.25	1.00	L726	BYNA59R15HHT	L735
Kiwi	2167	72	7	YTW59RD591REKHT	YTW59RDHT	37.34	4.00	0.62	L735	YTW591REHT	2.69	1.25	1.00	L726	BYNA59R15HHT	L735

Complete Assembly: Includes Aluminum body, Steel eye, 15 degree terminal and aluminum hardware.
For stainless steel hardware add SS to end of catalog number for complete assembly (example: YTW32R34REKHTSS) or to terminal if ordered separately (BYNA32R15HTSSHHTSS).

For assembly without terminal and hardware add NT to end of complete assembly catalog number (example: YTW32R34REKHTNT).

† BYNA terminals must be crimped from cable end moving toward pad end.

* Overlap crimps

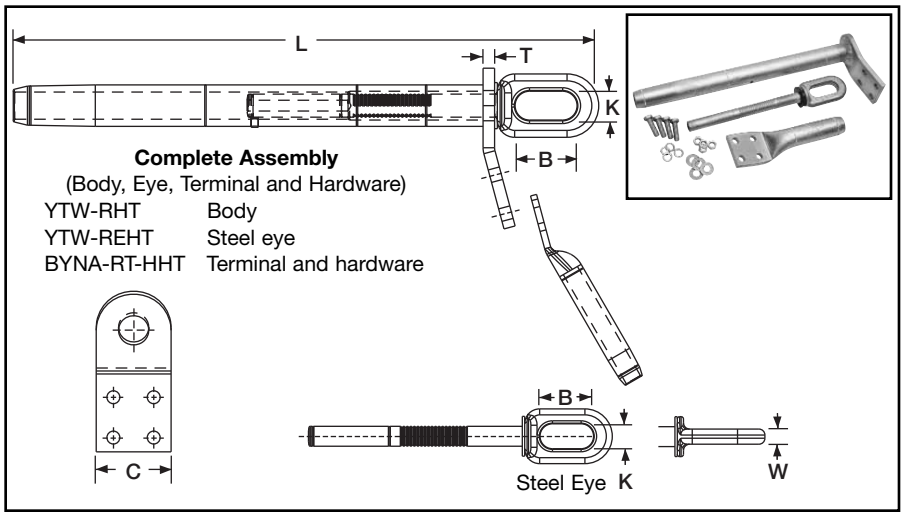
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

Blue highlighted items are industry standard and most frequently ordered.

TYPES YTW-RT-REKHT, YTW-RTHT, YTW-REHT, BYNA-RT-HHT EHV

Single Pad, EHV Full Tension Deadend for ACSS Conductor

Full tension compression deadend for 250ºC rated ACSS transmission lines at 345 kV and over. Standard 15º NEMA tap pad provides either 0º or 30º tap when BYNA-RT15 terminal is used.



ACSS				Single Pad		Inches			Body		Inches			Eye	Terminal † with	Term
Conductor Name	Size kcmil	Stranding Alum	Stranding Steel	Complete Assembly	Alum. Body	L	C	T	Die*‡	Steel Eye	B	K	W	Die*	Hardware	Die*‡
Linnet	336.4	26	7	YTW32RT34REKHT	YTW32RTHT	21.53	3.25	0.50	L717	YTW34REHT	2.50	0.88	0.62	L718	BYNA32RT15HHT	L717
Oriole	336.4	30	7	YTW32RT33REKHT	YTW32RTHT	21.53	3.25	0.50	L717	YTW33REHT	2.50	0.88	0.62	L718	BYNA32RT15HHT	L717
Ibis	397.5	26	7	YTW34RT34REKHT	YTW34RTHT	21.60	3.25	0.50	L719	YTW34REHT	2.50	0.88	0.62	L718	BYNA34RT15HHT	L719
Flicker	477	24	7	YTW36RT362REKHT	YTW36RTHT	23.41	3.25	0.50	L720	YTW362REHT	2.50	0.88	0.62	L721	BYNA36RT15HHT	L720
Hawk	477	26	7	YTW36RT36REKHT	YTW36RTHT	23.41	3.25	0.50	L720	YTW36REHT	2.50	0.88	0.62	L721	BYNA36RT15HHT	L720
Parakeet	556.5	24	7	YTW39RT43REKHT	YTW39RTHT	23.66	3.25	0.50	L722	YTW43REHT	2.50	0.88	0.69	L723	BYNA39RT15HHT	L722
Dove	556.5	26	7	YTW39RT43REKHT	YTW39RTHT	23.66	3.25	0.50	L722	YTW43REHT	2.50	0.88	0.69	L723	BYNA39RT15HHT	L722
Peacock	605	24	7	YTW43RT43REKHT	YTW43RTHT	24.49	3.25	0.50	L724	YTW43REHT	2.50	0.88	0.69	L723	BYNA43RT15HHT	L724
Squab	605	26	7	YTW43RT43REKHT	YTW43RTHT	24.49	3.25	0.50	L724	YTW43REHT	2.50	0.88	0.69	L723	BYNA43RT15HHT	L724
Rook	636	24	7	YTW43RT43REKHT	YTW43RTHT	24.49	3.25	0.50	L724	YTW43REHT	2.50	0.88	0.69	L723	BYNA43RT15HHT	L724
Grosbeak	636	26	7	YTW43RT43REKHT	YTW43RTHT	24.49	3.25	0.50	L724	YTW43REHT	2.50	0.88	0.69	L723	BYNA43RT15HHT	L724
Flamingo	666.6	24	7	YTW43RT43REKHT	YTW43RTHT	24.49	3.25	0.50	L724	YTW43REHT	2.50	0.88	0.69	L723	BYNA43RT15HHT	L724
Starling	715.5	26	7	YTW451RT48REKHT	YTW451RTHT	29.41	3.25	0.50	L725	YTW48REHT	2.69	1.25	0.75	L726	BYNA451RT15HHT	L725
Cuckoo	795	24	7	YTW451RT45REKHT	YTW451RTHT	29.41	3.25	0.50	L725	YTW45REHT	2.69	1.25	0.75	L726	BYNA451RT15HHT	L725
Drake	795	26	7	YTW451RT48REKHT	YTW451RTHT	29.41	3.25	0.50	L725	YTW48REHT	2.69	1.25	0.75	L726	BYNA451RT15HHT	L725
Tern	795	45	7	YTW451RT481REKHT	YTW451RTHT	29.41	3.25	0.50	L725	YTW481REHT	2.69	1.25	0.75	L726	BYNA451RT15HHT	L725
Condor	795	54	7	YTW451RT45REKHT	YTW451RTHT	29.41	3.25	0.50	L725	YTW45REHT	2.69	1.25	0.75	L726	BYNA451RT15HHT	L725
Ruddy	900	45	7	YTW48RT481REKHT	YTW48RTHT	29.50	3.25	0.50	L727	YTW481REHT	2.69	1.25	0.75	L726	BYNA49RT15HHT	L727
Rail	954	45	7	YTW48RT481REKHT	YTW48RTHT	29.50	3.25	0.50	L727	YTW481REHT	2.69	1.25	0.75	L726	BYNA49RT15HHT	L727
Cardinal	954	54	7	YTW48RT48REKHT	YTW48RTHT	29.50	3.25	0.50	L727	YTW48REHT	2.69	1.25	0.75	L726	BYNA49RT15HHT	L727
Ortolan	1033.5	45	7	YTW49RT483REKHT	YTW49RTHT	31.35	3.25	0.50	L727	YTW483REHT	2.69	1.25	1.00	L726	BYNA49RT15HHT	L727
Curlew	1033.5	54	7	YTW49RT50REKHT	YTW49RTHT	31.35	3.25	0.50	L727	YTW50REHT	2.69	1.25	1.00	L726	BYNA49RT15HHT	L727
Bluejay	1113	45	7	YTW49RT483REKHT	YTW49RTHT	31.35	3.25	0.50	L727	YTW483REHT	2.69	1.25	1.00	L726	BYNA49RT15HHT	L727
Finch	1113	54	19	YTW52RT50REKHT	YTW52RHT	35.55	3.25	0.50	L728	YTW50REHT	2.69	1.25	1.00	L726	BYNA52RT15HHT	L728
Bunting	1192.5	45	7	YTW52RT521REKHT	YTW52RTHT	35.55	4.00	0.62	L728	YTW521REHT	2.69	1.25	1.00	L726	BYNA52RT15HHT	L728
Bittern	1272	45	7	YTW52RT521REKHT	YTW52RTHT	35.55	4.00	0.62	L728	YTW521REHT	2.69	1.25	1.00	L726	BYNA52RT15HHT	L728
Pheasant	1272	54	19	YTW52RT56REKHT	YTW52RTHT	35.55	4.00	0.62	L728	YTW56REHT	2.69	1.25	1.00	L726	BYNA52RT15HHT	L728
Dipper	1351.5	45	7	YTW52RT521REKHT	YTW52RTHT	35.55	4.00	0.62	L728	YTW521REHT	2.69	1.25	1.00	L726	BYNA52RT15HHT	L728
Martin	1351.5	54	19	YTW52RT56REKHT	YTW52RTHT	35.55	4.00	0.62	L728	YTW56REHT	2.69	1.25	1.00	L726	BYNA52RT15HHT	L728
Nuthatch	1510.5	45	7	YTW549RT521REKHT	YTW549RTHT	35.55	4.00	0.62	L729	YTW521REHT	2.69	1.25	1.00	L726	BYNA56RT15HHT	L729
Parrot	1510.5	54	19	YTW549RT56REKHT	YTW549RTHT	35.55	4.00	0.62	L729	YTW56REHT	2.69	1.25	1.00	L726	BYNA56RT15HHT	L729
Lapwing	1590	45	7	YTW549RT549REKHT	YTW549RTHT	35.55	4.00	0.62	L729	YTW549REHT	2.69	1.25	1.00	L726	BYNA56RT15HHT	L729
Falcon	1590	54	19	YTW56RT590REKHT	YTW56RTHT	35.99	4.00	0.62	L729	YTW590REHT	2.69	1.25	1.00	L726	BYNA56RT15HHT	L729
Chukar	1780	84	19	YTW58RT58REKHT	YTW58RTHT	36.99	4.00	0.62	L735	YTW58REHT	2.69	1.25	1.00	L726	BYNA58RT15HHT	L735
Bluebird	2156	84	19	YTW59RT59REKHT	YTW59RTHT	37.34	4.00	0.62	L735	YTW59REHT	2.69	1.25	1.00	L726	BYNA59RT15HHT	L735
Kiwi	2167	72	7	YTW59RT591REKHT	YTW59RTHT	37.34	4.00	0.62	L735	YTW591REHT	2.69	1.25	1.00	L726	BYNA59RT15HHT	L735

Complete Assembly: Includes Aluminum body, Steel eye, 15 degree terminal and aluminum hardware.
For stainless steel hardware add SS to end of catalog number for complete assembly (example: YTW32R34REKHTSS) or to terminal if ordered separately (BYNA32R15HTSSHHTSS).

For assembly without terminal and hardware add NT to end of complete assembly catalog number (example: YTW32R34REKHTNT).

† BYNA terminals must be crimped from cable end moving toward pad end.

* Overlap crimps

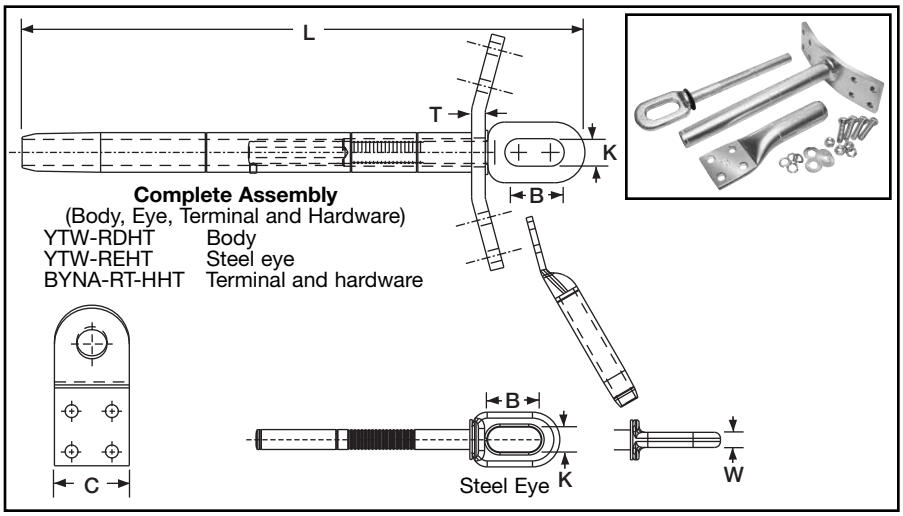
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

Blue highlighted items are industry standard and most frequently ordered.

TYPES YTW-RDT-REKHT, YTW-RDTHT, BYNA-RT-HHT EHV

Double Pad, EHV Full Tension Deadend for ACSS Conductor

Full tension compression deadend for 250ºC rated ACSS transmission lines at 345 kV and over. Standard 15º NEMA tap pad provides either 0º or 30º tap when BYNA-R15 terminal is used.



ACSS				Double Pad		Inches			Body	Steel Eye	Inches			Eye	Terminal † with	Term
Conductor Name	Size kcmil	Stranding Alum	Stranding Steel	Complete Assembly	Alum. Body	L	C	T	Die*‡		B	K	W	Die*	Hardware	Die*‡
Linnet	336.4	26	7	YTW32RDT34REKHT	YTW32RDTHT	21.53	3.25	0.50	L717	YTW34REHT	2.50	0.88	0.62	L718	BYNA32RT15HHT	L717
Oriole	336.4	30	7	YTW32RDT33REKHT	YTW32RDTHT	21.53	3.25	0.50	L717	YTW33REHT	2.50	0.88	0.62	L718	BYNA32RT15HHT	L719
Ibis	397.5	26	7	YTW34RDT34REKHT	YTW34RDTHT	21.60	3.25	0.50	L719	YTW34REHT	2.50	0.88	0.62	L718	BYNA34RT15HHT	L719
Flicker	477	24	7	YTW36RDT362REKHT	YTW36RDTHT	23.41	3.25	0.50	L720	YTW362REHT	2.50	0.88	0.62	L721	BYNA36RT15HHT	L720
Hawk	477	26	7	YTW36RDT36REKHT	YTW36RDTHT	23.41	3.25	0.50	L720	YTW36REHT	2.50	0.88	0.62	L721	BYNA36RT15HHT	L720
Parakeet	556.5	24	7	YTW39RDT43REKHT	YTW39RDTHT	23.66	3.25	0.50	L722	YTW43REHT	2.50	0.88	0.69	L723	BYNA39RT15HHT	L722
Dove	556.5	26	7	YTW39RDT43REKHT	YTW39RDTHT	23.66	3.25	0.50	L722	YTW43REHT	2.50	0.88	0.69	L723	BYNA39RT15HHT	L722
Peacock	605	24	7	YTW43RDT43REKHT	YTW43RDTHT	24.49	3.25	0.50	L724	YTW43REHT	2.50	0.88	0.69	L723	BYNA43RT15HHT	L724
Squab	605	26	7	YTW43RDT43REKHT	YTW43RDTHT	20.49	3.25	0.50	L724	YTW43REHT	2.50	0.88	0.69	L723	BYNA43RT15HHT	L724
Rook	636	24	7	YTW43RDT43REKHT	YTW43RDTHT	24.49	3.25	0.50	L724	YTW43REHT	2.50	0.88	0.69	L723	BYNA43RT15HT	L724
Grosbeak	636	26	7	YTW43RDT43REKHT	YTW43RDTHT	24.49	3.25	0.50	L724	YTW43REHT	2.50	0.88	0.69	L723	BYNA43RT15HHT	L724
Flamingo	666.6	24	7	YTW43RDT43REKHT	YTW43RDTHT	24.49	3.25	0.50	L724	YTW43REHT	2.50	0.88	0.69	L723	BYNA43RT15HHT	L724
Starling	715.5	26	7	YTW451RDT48REKHT	YTW451RDTHT	29.41	3.25	0.50	L725	YTW48REHT	2.69	1.25	0.75	L726	BYNA451RT15HHT	L725
Cuckoo	795	24	7	YTW451RDT45REKHT	YTW451RDTHT	29.41	3.25	0.50	L725	YTW45REHT	2.69	1.25	0.75	L726	BYNA451RT15HHT	L725
Drake	795	26	7	YTW451RDT48REKHT	YTW451RDTHT	29.41	3.25	0.50	L725	YTW48REHT	2.69	1.25	0.75	L726	BYNA451RT15HHT	L725
Tern	795	45	7	YTW451RDT481REKHT	YTW451RDTHT	29.41	3.25	0.50	L725	YTW481REHT	2.69	1.25	0.75	L726	BYNA451RT15HHT	L725
Condor	795	54	7	YTW451RDT45REKHT	YTW451RDTHT	29.41	3.25	0.50	L725	YTW45REHT	2.69	1.25	0.75	L726	BYNA451RT15HHT	L725
Ruddy	900	45	7	YTW48RDT481REKHT	YTW48RDTHT	29.50	3.25	0.50	L727	YTW481REHT	2.69	1.25	0.75	L726	BYNA49RT15HHT	L727
Rail	954	45	7	YTW48RDT481REKHT	YTW48RDTHT	29.50	3.25	0.50	L727	YTW481REHT	2.69	1.25	0.75	L726	BYNA49RT15HHT	L727
Cardinal	954	54	7	YTW48RDT48REKHT	YTW48RDTHT	29.50	3.25	0.50	L727	YTW48REHT	2.69	1.25	0.75	L726	BYNA49RT15HHT	L727
Ortolan	1033.5	45	7	YTW49RDT483REKHT	YTW49RDTHT	31.35	3.25	0.50	L727	YTW483REHT	2.69	1.25	1.00	L726	BYNA49RT15HHT	L727
Curlew	1033.5	54	7	YTW49RDT50REKHT	YTW49RDTHT	31.35	3.25	0.50	L727	YTW50REHT	2.69	1.25	1.00	L726	BYNA49RT15HHT	L727
Bluejay	1113	45	7	YTW49RDT483REKHT	YTW49RDTHT	31.35	3.25	0.50	L727	YTW483REHT	2.69	1.25	1.00	L726	BYNA49RT15HHT	L727
Finch	1113	54	19	YTW52RDT50REKHT	YTW52RDTHT	35.55	3.25	0.50	L728	YTW50REHT	2.69	1.25	1.00	L726	BYNA52RT15HHT	L728
Bunting	1192.5	45	7	YTW52RDT521REKHT	YTW52RDTHT	35.55	4.00	0.62	L728	YTW521REHT	2.69	1.25	1.00	L726	BYNA52RT15HHT	L728
Bittern	1272	45	7	YTW52RDT521REKHT	YTW52RDTHT	35.55	4.00	0.62	L728	YTW521REHT	2.69	1.25	1.00	L726	BYNA52RT15HHT	L728
Pheasant	1272	54	19	YTW52RDT56REKHT	YTW52RDTHT	35.55	4.00	0.62	L728	YTW56REHT	2.69	1.25	1.00	L726	BYNA52RT15HHT	L728
Dipper	1351.5	45	7	YTW52RDT521REKHT	YTW52RDTHT	35.55	4.00	0.62	L728	YTW521REHT	2.69	1.25	1.00	L726	BYNA52RT15HHT	L728
Martin	1351.5	54	19	YTW52RDT56REKHT	YTW52RDTHT	35.55	4.00	0.62	L728	YTW56REHT	2.69	1.25	1.00	L726	BYNA52RT15HHT	L728
Nuthatch	1510.5	45	7	YTW549RDT521REKHT	YTW549RDTHT	35.55	4.00	0.62	L729	YTW521REHT	2.69	1.25	1.00	L726	BYNA56RT15HHT	L729
Parrot	1510.5	54	19	YTW549RDT56REKHT	YTW549RDTHT	35.55	4.00	0.62	L729	YTW56REHT	2.69	1.25	1.00	L726	BYNA56RT15HHT	L729
Lapwing	1590	45	7	YTW549RDT549REKHT	YTW549RDTHT	35.55	4.00	0.62	L729	YTW549REHT	2.69	1.25	1.00	L726	BYNA56RT15HHT	L729
Falcon	1590	54	19	YTW56RDT590REKHT	YTW56RDTHT	35.99	4.00	0.62	L729	YTW590REHT	2.69	1.25	1.00	L726	BYNA56RT15HHT	L729
Chukar	1780	84	19	YTW58RDT58REKHT	YTW58RDTHT	36.99	4.00	0.62	L735	YTW58REHT	2.69	1.25	1.00	L726	BYNA58RT15HHT	L735
Bluebird	2156	84	19	YTW59RDT59REKHT	YTW59RDTHT	37.34	4.00	0.62	L735	YTW59REHT	2.69	1.25	1.00	L726	BYNA59RT15HHT	L735
Kiwi	2167	72	7	YTW59RDT591REKHT	YTW59RDTHT	37.34	4.00	0.62	L735	YTW591REHT	2.69	1.25	1.00	L726	BYNA59RT15HHT	L735

Complete Assembly: Includes Aluminum body, Steel eye, 15 degree terminal and aluminum hardware.
For stainless steel hardware add SS to end of catalog number for complete assembly (example: YTW32R34REKHTSS) or to terminal if ordered separately (BYNA32R15HTSSHHTSS).

For assembly without terminal and hardware add NT to end of complete assembly catalog number (example: YTW32R34REKHTNT).

† BYNA terminals must be crimped from cable end moving toward pad end.

* Overlap crimps

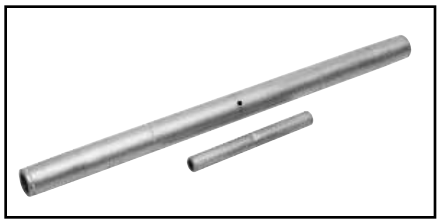
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

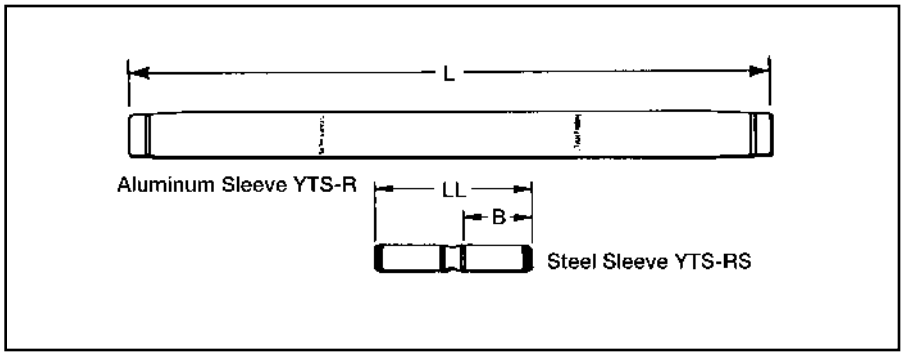
Blue highlighted items are industry standard and most frequently ordered.

TYPE YTS-R-RSHT

Full Tension Splice Kit for ACSS Conductor

Full tension, two-piece, compression splice for 250°C ACSS transmission lines up to and including 230 kV. Outer aluminum sleeve has filler hole and plug for PENETROX™ joint compound. Kit includes the outer aluminum and inner steel sleeve.





ACSS					Aluminum Sleeve			Steel Sleeve		
Conductor	Size	Stranding			Inches			Inches		
Name	kcmil	Alum.	Steel	Splice Kit	L	O.D.	Die*‡	LL	B	Die*
Linnet	336.4	26	7	**YTS32R34RSHT**	25.30	1.19	L717	5-1/4″	2.64	L718
Ibis	397.5	26	7	**YTS34R34RSHT**	25.20	1.28	L719	5-1/4″	2.64	L718
Flicker	477	24	7	**YTS36R362RSHT**	26.16	1.41	L720	5-7/8″	2.66	L721
Hawk	477	26	7	**YTS36R36RSHT**	26.16	1.41	L720	5-7/8″	2.66	L721
Parakeet	556.5	24	7	**YTS39R43RSHT**	27.88	1.50	L722	5-7/8″	2.66	L723
Dove	556.5	26	7	**YTS39R43RSHT**	27.88	1.50	L722	5-7/8″	2.66	L723
Peacock	605	24	7	**YTS43R43RSHT**	29.44	1.61	L724	5-7/8″	2.66	L723
Squab	605	26	7	**YTS43R43RSHT**	29.44	1.61	L724	5-7/8″	2.66	L723
Rook	636	24	7	**YTS43R43RSHT**	29.44	1.61	L724	5-7/8″	2.66	L723
Grosbeak	636	26	7	**YTS43R43RSHT**	29.44	1.61	L724	5-7/8″	2.66	L723
Flamingo	666.6	24	7	**YTS43R43RSHT**	29.44	1.61	L724	5-7/8″	2.66	L723
Starling	715.5	26	7	**YTS451R48RSHT**	36.00	1.80	L725	9″	4.19	L726
Cuckoo	795	24	7	**YTS451R449RSHT**	36.00	1.80	L725	9″	4.19	L726
Drake	795	26	7	**YTS451R48RSHT**	36.00	1.80	L725	9″	4.19	L726
Tern	795	45	7	**YTS451R48RSHT**	36.00	1.80	L725	9-1/8″	4.19	L726
Condor	795	54	7	**YTS451R449RSHT**	36.00	1.80	L725	9″	4.19	L726
Rail	954	45	7	**YTS48R481RSHT**	36.00	1.97	L727	9-1/8″	4.19	L726
Cardinal	954	54	7	**YTS48R48RSHT**	36.00	1.97	L727	9″	4.19	L726
Ortolan	1033.5	45	7	**YTS49R483RSHT**	36.00	1.97	L727	9-1/8″	4.19	L726
Curlew	1033.5	54	7	**YTS49R48RSHT**	36.00	1.97	L727	9″	4.19	L726
Bluejay	1113	45	7	**YTS49R483RSHT**	36.00	1.97	L727	9-1/8″	4.19	L726
Finch	1113	54	19	**YTS52R48RSHT**	49.07	2.25	L728	9″	4.19	L726
Bunting	1192.5	45	7	**YTS52R521RSHT**	49.07	2.25	L728	9″	4.19	L726
Bittern	1272	45	7	**YTS52R521RSHT**	49.07	2.25	L728	9″	4.19	L726
Pheasant	1272	54	19	**YTS52R59RSHT**	49.07	2.25	L728	9-1/8″	4.25	L726
Dipper	1351.5	45	7	**YTS52R521RSHT**	49.07	2.25	L728	9″	4.19	L726
Martin	1351.5	54	19	**YTS52R59RSHT**	49.07	2.25	L728	9-1/8″	4.25	L726
Nuthatch	1510.5	45	7	**YTS549R521RSHT**	39.73	2.50	L729	9″	4.19	L726
Parrot	1510.5	54	19	**YTS54959RSHT**	39.73	2.50	L729	9-1/8″	4.25	L726
Lapwing	1590	45	7	**YTS549R549RSHT**	39.73	2.50	L729	9″	4.19	L726
Falcon	1590	54	19	**YTS56R59RSHT**	39.73	2.50	L729	9-1/8″	4.25	L726
Chukar	1780	84	19	**YTS58R48RSHT**	42.20	2.50	L735	4-1/4″	4.19	L726
Bluebird	2156	84	19	**YTS59R59RSHT**	49.93	2.50	L735	4-1/4″	4.25	L726
Kiwi	2167	72	7	**YTS59R521RSHT**	49.93	2.50	L735	4-1/4″	4.19	L726

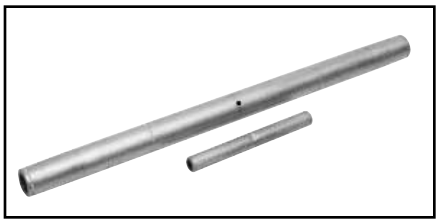
Splice Kit: Includes aluminum sleeve and steel sleeve.
* Overlap crimps,
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

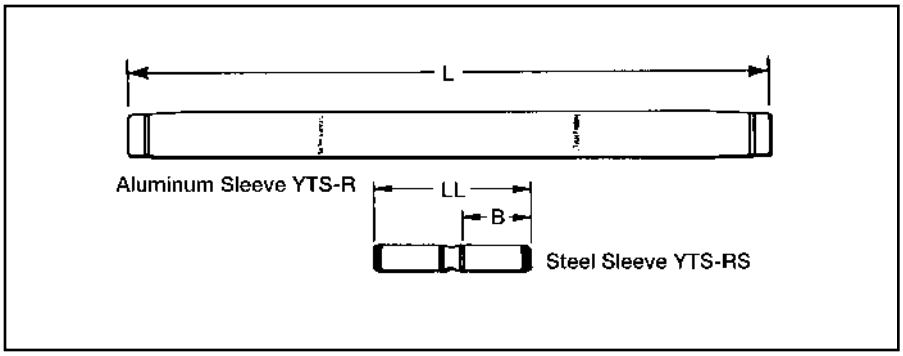
Blue highlighted items are industry standard and most frequently ordered.

TYPE YTS-RT-RSHT EHV

Full Tension Splice Kit for ACSS Conductor

Full tension, two-piece, compression splice for 250°C ACSS transmission lines at 345 kV and over. Outer aluminum sleeve has filler hole and plug for PENETROX™ joint compound. Kit includes the outer aluminum and inner steel sleeve.





ACSS					Aluminum Sleeve			Steel Sleeve		
Conductor	Size	Stranding			Inches			Inches		
Name	kcmil	Alum.	Steel	Splice Kit	L	O.D.	Die*‡	LL	B	Die*
Linnet	336.4	26	7	**YTS32RT34RSHT**	25.30	1.19	L717	5.75	2.64	L718
Oriole	336.4	30	7	**YTS32RT33RSHT**	25.30	1.19	L717	5.75	2.64	L718
Ibis	397.5	26	7	**YTS34RT34RSHT**	25.20	1.28	L719	5.75	2.64	L718
Flicker	477	24	7	**YTS36RT362RSHT**	26.16	1.41	L720	5.75	2.66	L721
Hawk	477	26	7	**YTS36RT36RSHT**	26.16	1.41	L720	5.75	2.66	L721
Parakeet	556.5	24	7	**YTS39RT43RSHT**	27.88	1.50	L722	5.90	2.66	L723
Dove	556.5	26	7	**YTS39RT43RSHT**	27.88	1.50	L722	5.90	2.66	L723
Peacock	605	24	7	**YTS43RT43RSHT**	29.44	1.61	L724	5.90	2.66	L723
Squab	605	26	7	**YTS43RT43RSHT**	29.44	1.61	L724	5.90	2.66	L723
Rook	636	24	7	**YTS43RT43RSHT**	29.44	1.61	L724	5.90	2.66	L723
Grosbeak	636	26	7	**YTS43RT43RSHT**	29.44	1.61	L724	5.90	2.66	L723
Flamingo	666.6	24	7	**YTS43RT43RSHT**	29.44	1.61	L724	5.90	2.66	L723
Starling	715.5	26	7	**YTS451RT48RSHT**	36.00	1.80	L725	9.00	4.19	L726
Cuckoo	795	24	7	**YTS451RT449RSHT**	36.00	1.80	L725	9.00	4.19	L726
Drake	795	26	7	**YTS451RT48RSHT**	36.00	1.80	L725	9.00	4.19	L726
Tern	795	45	7	**YTS451RT48RSHT**	36.00	1.80	L725	9.16	4.19	L726
Condor	795	54	7	**YTS451RT449RSHT**	36.00	1.80	L725	9.00	4.19	L726
Rail	954	45	7	**YTS48RT481RSHT**	36.00	1.97	L727	9.16	4.19	L726
Cardinal	954	54	7	**YTS48RT48RSHT**	36.00	1.97	L727	9.00	4.19	L726
Ortolan	1033.5	45	7	**YTS49RT483RSHT**	36.00	1.97	L727	9.16	4.19	L726
Curlew	1033.5	54	7	**YTS49RT48RSHT**	36.00	1.97	L727	9.00	4.19	L726
Bluejay	1113	45	7	**YTS49RT483RSHT**	36.00	1.97	L727	9.16	4.19	L726
Finch	1113	54	19	**YTS52RT48RSHT**	49.07	2.25	L728	9.00	4.19	L726
Bunting	1192.5	45	7	**YTS52RT521RSHT**	49.07	2.25	L728	9.00	4.19	L726
Bittern	1272	45	7	**YTS52RT521RSHT**	49.07	2.25	L728	9.00	4.19	L726
Pheasant	1272	54	19	**YTS52RT59RSHT**	49.07	2.25	L728	9.10	4.25	L726
Dipper	1351.5	45	7	**YTS52RT521RSHT**	49.07	2.25	L728	9.00	4.19	L726
Martin	1351.5	54	19	**YTS52RT59RSHT**	49.07	2.25	L728	9.10	4.25	L726
Nuthatch	1510.5	45	7	**YTS549RT521RSHT**	39.73	2.50	L729	9.00	4.19	L726
Parrot	1510.5	54	19	**YTS549RT59RSHT**	39.73	2.50	L729	9.10	4.25	L726
Lapwing	1590	45	7	**YTS549RT549RSHT**	39.73	2.50	L729	9.00	4.19	L726
Falcon	1590	54	19	**YTS56RT59RSHT**	39.73	2.50	L729	9.10	4.25	L726
Chukar	1780	84	19	**YTS58RT48RSHT**	42.20	2.50	L735	9.00	4.19	L726
Bluebird	2156	84	19	**YTS59RT59RSHT**	49.93	2.50	L735	9.10	4.25	L726
Kiwi	2167	72	7	**YTS59RT521RSHT**	49.93	2.50	L735	9.00	4.19	L726

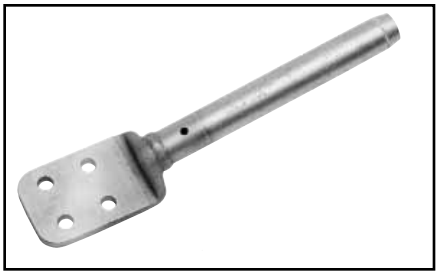
Splice Kit: Includes aluminum sleeve and steel sleeve.
* Overlap crimps,
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

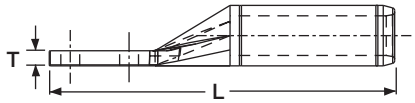
Blue highlighted items are industry standard and most frequently ordered.

TYPES BYNA-R15HT, BYNA-RHT

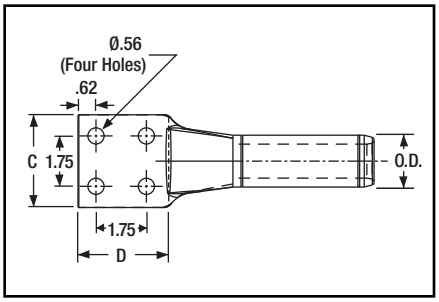
Compression Terminal for ACSS Conductor

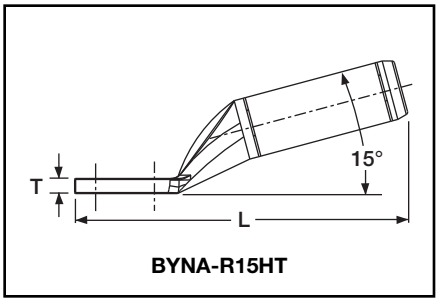
Compression terminal for ACSS transmission lines up to and including 230 kV.





BYNA-RHT





BYNA-R15HT

ACSS				15° Terminal		Straight Terminal		Inches			
Conductor Name	Size kcmil	Stranding Alum.	Stranding Steel	Catalog Number	Inches L	Catalog Number	Inches L	C	D	T	Die*‡
Linnet	336.4	26	7	**BYNA32R15HT**	16.21	**BYNA32RHT**	16.56	3.25	4.50	0.39	L717
Oriole	336.4	30	7	**BYNA32R15HT**	16.21	**BYNA32RHT**	16.56	3.25	4.50	0.39	L717
Ibis	397.5	26	7	**BYNA34R15HT**	16.24	**BYNA34RHT**	16.60	3.25	4.50	0.46	L719
Flicker	477	24	7	**BYNA36R15HT**	16.51	**BYNA36RHT**	16.92	3.25	4.50	0.48	L720
Hawk	477	26	7	**BYNA36R15HT**	16.51	**BYNA36RHT**	16.92	3.25	4.50	0.48	L720
Parakeet	556.5	24	7	**BYNA39R15HT**	16.89	**BYNA39RHT**	17.30	3.25	4.50	0.53	L722
Dove	556.5	26	7	**BYNA39R15HT**	16.89	**BYNA39RHT**	17.30	3.25	4.50	0.53	L722
Peacock	605	24	7	**BYNA43R15HT**	14.41	**BYNA43RHT**	15.46	3.07	3.95	0.36	L724
Squab	605	26	7	**BYNA43R15HT**	14.41	**BYNA43RHT**	15.46	3.07	3.95	0.36	L724
Rook	636	24	7	**BYNA43R15HT**	14.41	**BYNA43RHT**	15.46	3.07	3.95	0.36	L724
Grosbeak	636	26	7	**BYNA43R15HT**	14.41	**BYNA43RHT**	15.46	3.07	3.95	0.36	L724
Flamingo	666.6	24	7	**BYNA43R15HT**	14.41	**BYNA43RHT**	15.46	3.07	3.95	0.36	L724
Starling	715.5	26	7	**BYNA451R15HT**	15.10	**BYNA451RHT**	15.46	3.22	3.95	0.45	L725
Cuckoo	795	24	7	**BYNA451R15HT**	15.10	**BYNA451RHT**	15.46	3.22	3.95	0.45	L725
Drake	795	26	7	**BYNA451R15HT**	15.10	**BYNA451RHT**	15.46	3.22	3.95	0.45	L725
Tern	795	45	7	**BYNA451R15HT**	15.10	**BYNA451RHT**	15.46	3.22	3.95	0.45	L725
Condor	795	54	7	**BYNA451R15HT**	15.10	**BYNA451RHT**	15.46	3.22	3.95	0.45	L725
Ruddy	900	45	7	**BYNA49R15HT**	15.14	**BYNA49RHT**	15.66	3.22	3.95	0.52	L727
Rail	954	45	7	**BYNA49R15HT**	15.14	**BYNA49RHT**	15.66	3.22	3.95	0.52	L727
Cardinal	954	54	7	**BYNA49R15HT**	15.14	**BYNA49RHT**	15.66	3.22	3.95	0.52	L727
Ortolan	1033.5	45	7	**BYNA49R15HT**	15.14	**BYNA49RHT**	15.66	3.22	3.95	0.52	L727
Curlew	1033.5	54	7	**BYNA49R15HT**	15.14	**BYNA49RHT**	15.66	3.22	3.95	0.52	L727
Bluejay	1113	45	7	**BYNA49R15HT**	15.14	**BYNA49RHT**	15.66	3.22	3.95	0.52	L727
Finch	1113	54	19	**BYNA52R15HT**	16.81	**BYNA52RHT**	18.71	3.22	3.95	0.71	L728
Bunting	1192.5	45	7	**BYNA52R15HT**	16.81	**BYNA52RHT**	18.71	3.22	3.95	0.71	L728
Bittern	1272	45	7	**BYNA52R15HT**	16.81	**BYNA52RHT**	18.71	3.22	3.95	0.71	L728
Pheasant	1272	54	19	**BYNA52R15HT**	16.81	**BYNA52RHT**	18.71	3.22	3.95	0.71	L728
Dipper	1351.5	45	7	**BYNA52R15HT**	16.81	**BYNA52RHT**	18.71	3.22	3.95	0.71	L728
Martin	1351.5	54	19	**BYNA52R15HT**	16.81	**BYNA52RHT**	18.71	3.22	3.95	0.71	L728
Nuthatch	1510.5	45	7	**BYNA56R15HT**	17.56	**BYNA56RHT**	18.65	3.44	3.95	0.86	L729
Parrot	1510.5	54	19	**BYNA56R15HT**	17.56	**BYNA56RHT**	18.65	3.44	3.95	0.86	L729
Lapwing	1590	45	7	**BYNA56R15HT**	17.56	**BYNA56RHT**	18.65	3.44	3.95	0.86	L729
Falcon	1590	54	19	**BYNA56R15HT**	17.56	**BYNA56RHT**	18.65	3.44	3.95	0.86	L729
Chukar	1780	84	19	**BYNA58R15HT**	18.28	**BYNA58RHT**	18.59	3.47	3.95	0.86	L735
Bluebird	2156	84	19	**BYNA59R15HT**	17.95	**BYNA59RHT**	18.43	3.57	3.95	0.64	L735
Kiwi	2167	72	7	**BYNA59R15HT**	17.95	**BYNA59RHT**	18.43	3.57	3.95	0.64	L735

To specify hardware for bolting to corresponding deadends add the suffix "H" to the catalog number (example: BYNA52RHHT).

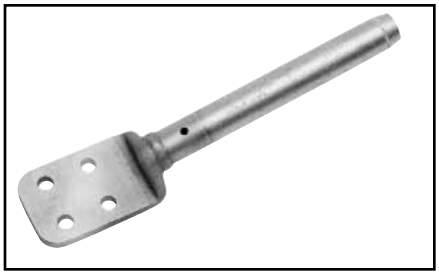
* Overlap crimps.

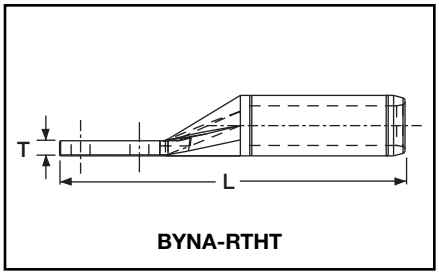
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

TYPES BYNA-RT15HT, BYNA-RTHT EHV

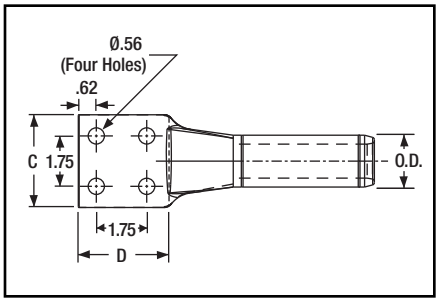
Compression Terminal for ACSS Conductor

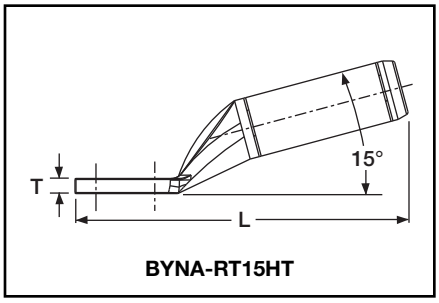
Compression terminal for 250°C ACSS transmission lines at 345 kV and over.





BYNA-RTHT





BYNA-RT15HT

ACSS				15° Terminal		Straight Terminal		Inches			
Conductor Name	Size kcmil	Stranding Alum.	Stranding Steel	Catalog Number	Inches L	Catalog Number	Inches L	C	D	T	Die*‡
Linnet	336.4	26	7	**BYNA32RT15HT**	16.41	**BYNA32RTHT**	16.56	3.25	4.50	0.39	L717
Oriole	336.4	30	7	**BYNA32RT15HT**	16.41	**BYNA32RTHT**	16.56	3.25	4.50	0.39	L717
Ibis	397.5	26	7	**BYNA34RT15HT**	16.45	**BYNA34RTHT**	16.60	3.25	4.50	0.46	L719
Flicker	477	24	7	**BYNA36RT15HT**	16.76	**BYNA36RTHT**	16.92	3.25	4.50	0.48	L720
Hawk	477	26	7	**BYNA36RT15HT**	16.76	**BYNA36RTHT**	16.92	3.25	4.50	0.48	L720
Parakeet	556.5	24	7	**BYNA39RT15HT**	17.12	**BYNA39RTHT**	17.30	3.25	4.50	0.53	L722
Dove	556.5	26	7	**BYNA39RT15HT**	17.12	**BYNA39RTHT**	17.30	3.25	4.50	0.53	L722
Peacock	605	24	7	**BYNA43RT15HT**	14.41	**BYNA43RTHT**	15.46	3.07	3.95	0.36	L724
Squab	605	26	7	**BYNA43RT15HT**	14.41	**BYNA43RTHT**	15.46	3.07	3.95	0.36	L724
Rook	636	24	7	**BYNA43RT15HT**	14.41	**BYNA43RTHT**	15.46	3.07	3.95	0.36	L724
Grosbeak	636	26	7	**BYNA43RT15HT**	14.41	**BYNA43RTHT**	15.46	3.07	3.95	0.36	L724
Flamingo	666.6	24	7	**BYNA43RT15HT**	14.41	**BYNA43RTHT**	15.46	3.07	3.95	0.36	L724
Starling	715.5	26	7	**BYNA451RT15HT**	15.10	**BYNA451RTHT**	15.46	3.22	3.95	0.45	L725
Cuckoo	795	24	7	**BYNA451RT15HT**	15.10	**BYNA451RTHT**	15.46	3.22	3.95	0.45	L725
Drake	795	26	7	**BYNA451RT15HT**	15.10	**BYNA451RTHT**	15.46	3.22	3.95	0.45	L725
Tern	795	45	7	**BYNA451RT15HT**	15.10	**BYNA451RTHT**	15.46	3.22	3.95	0.45	L725
Condor	795	54	7	**BYNA451RT15HT**	15.10	**BYNA451RTHT**	15.46	3.22	3.95	0.45	L725
Ruddy	900	45	7	**BYNA49RT15HT**	15.14	**BYNA49RTHT**	15.66	3.22	3.95	0.52	L727
Rail	954	45	7	**BYNA49RT15HT**	15.14	**BYNA49RTHT**	15.66	3.22	3.95	0.52	L727
Cardinal	954	54	7	**BYNA49RT15HT**	15.14	**BYNA49RTHT**	15.66	3.22	3.95	0.52	L727
Ortolan	1033.5	45	7	**BYNA49RT15HT**	15.14	**BYNA49RTHT**	15.66	3.22	3.95	0.52	L727
Curlew	1033.5	54	7	**BYNA49RT15HT**	15.14	**BYNA49RTHT**	15.66	3.22	3.95	0.52	L727
Bluejay	1113	45	7	**BYNA49RT15HT**	15.14	**BYNA49RTHT**	15.66	3.22	3.95	0.52	L727
Finch	1113	54	19	**BYNA52RT15HT**	16.81	**BYNA52RTHT**	18.71	3.22	3.95	0.71	L728
Bunting	1192.5	45	7	**BYNA52RT15HT**	16.81	**BYNA52RTHT**	18.71	3.22	3.95	0.71	L728
Bittern	1272	45	7	**BYNA52RT15HT**	16.81	**BYNA52RTHT**	18.71	3.22	3.95	0.71	L728
Pheasant	1272	54	19	**BYNA52RT15HT**	16.81	**BYNA52RTHT**	18.71	3.22	3.95	0.71	L728
Dipper	1351.5	45	7	**BYNA52RT15HT**	16.81	**BYNA52RTHT**	18.71	3.22	3.95	0.71	L728
Martin	1351.5	54	19	**BYNA52RT15HT**	16.81	**BYNA52RTHT**	18.71	3.22	3.95	0.71	L728
Nuthatch	1510.5	45	7	**BYNA56RT15HT**	17.56	**BYNA56RTHT**	18.65	3.44	3.95	0.86	L729
Parrot	1510.5	54	19	**BYNA56RT15HT**	17.56	**BYNA56RTHT**	18.65	3.44	3.95	0.86	L729
Lapwing	1590	45	7	**BYNA56RT15HT**	17.56	**BYNA56RTHT**	18.65	3.44	3.95	0.86	L729
Falcon	1590	54	19	**BYNA56RT15HT**	17.56	**BYNA56RTHT**	18.65	3.44	3.95	0.86	L729
Chukar	1780	84	19	**BYNA58RT15HT**	18.28	**BYNA58RTHT**	18.59	3.47	3.95	0.86	L735
Bluebird	2156	84	19	**BYNA59RT15HT**	17.95	**BYNA59RTHT**	18.43	3.57	3.95	0.64	L735
Kiwi	2167	72	7	**BYNA59RT15HT**	17.95	**BYNA59RTHT**	18.43	3.57	3.95	0.64	L735

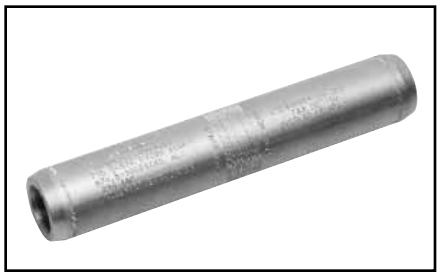
To specify hardware for bolting to corresponding deadends add the suffix "H" to the catalog number (example: BYNA52RHHT).

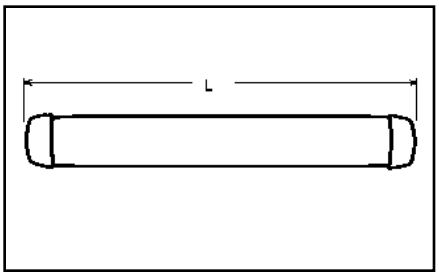
* Overlap crimps.
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

TYPE BYNS-RHT

Jumper Loop Sleeve for ACSS Conductor

Jumper sleeve for 250°C ACSS transmission lines up to and including 230 kV. Sleeve is pre-filled with PENETROX™ joint compound and capped.





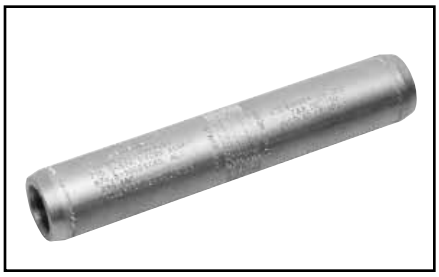
ACSS					Inches	
Conductor Name	Size kcmil	Stranding Alum.	Stranding Steel	Jumper Sleeve	L	Die*‡
Linnet	336.4	26	7	**BYNS32RHT**	16.90	L717
Oriole	336.4	30	7	**BYNS32RHT**	16.90	L717
Ibis	397.5	26	7	**BYNS34RHT**	17.10	L719
Flicker	477	24	7	**BYNS36RHT**	17.60	L719
Hawk	477	26	7	**BYNS36RHT**	17.60	L719
Parakeet	556.5	24	7	**BYNS39RHT**	18.20	L720
Dove	556.5	26	7	**BYNS39RHT**	18.20	L720
Peacock	605	24	7	**BYNS43RHT**	18.50	L722
Squab	605	26	7	**BYNS43RHT**	18.50	L722
Rook	636	24	7	**BYNS43RHT**	18.50	L722
Grosbeak	636	26	7	**BYNS43RHT**	18.50	L722
Flamingo	666.6	24	7	**BYNS43RHT**	18.50	L722
Starling	715.5	26	7	**BYNS451RHT**	18.60	L725
Cuckoo	795	24	7	**BYNS451RHT**	18.60	L725
Drake	795	26	7	**BYNS451RHT**	18.60	L725
Tern	795	45	7	**BYNS451RHT**	18.60	L725
Condor	795	54	7	**BYNS451RHT**	18.60	L725
Ruddy	900	45	7	**BYNS49RHT**	18.70	L727
Rail	954	45	7	**BYNS49RHT**	18.70	L727
Cardinal	954	54	7	**BYNS49RHT**	18.70	L727
Ortolan	1033.5	45	7	**BYNS49RHT**	18.70	L727
Curlew	1033.5	54	7	**BYNS49RHT**	18.70	L727
Bluejay	1113	45	7	**BYNS49RHT**	18.70	L727
Finch	1113	54	19	**BYNS52RHT**	24.20	L728
Bunting	1192.5	45	7	**BYNS52RHT**	24.20	L728
Bittern	1272	45	7	**BYNS52RHT**	24.20	L728
Pheasant	1272	54	19	**BYNS52RHT**	24.20	L728
Dipper	1351.5	45	7	**BYNS52RHT**	24.20	L728
Martin	1351.5	54	19	**BYNS52RHT**	24.20	L728
Nuthatch	1510.5	45	7	**BYNS56RHT**	23.60	L729
Parrot	1510.5	54	19	**BYNS56RHT**	23.60	L729
Lapwing	1590	45	7	**BYNS56RHT**	23.60	L729
Falcon	1590	54	19	**BYNS56RHT**	23.60	L729
Chukar	1780	84	19	**BYNS58RHT**	23.40	L735
Bluebird	2156	84	19	**BYNS59RHT**	23.40	L735
Kiwi	2167	72	7	**BYNS59RHT**	23.20	L735

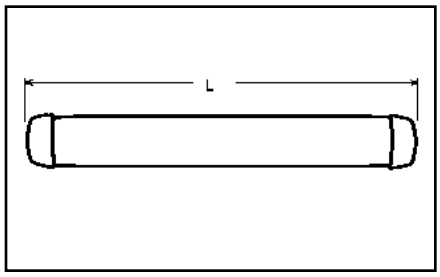
* Overlap crimps.
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

Blue highlighted items are industry standard and most frequently ordered.

TYPE BYNS-RTHT EHV

Jumper Loop Sleeve for ACSS Conductor





Jumper sleeve for 250°C ACSS transmission lines at 345 kV and over. Sleeve is pre-filled with PENETROX™ joint compound and capped.

ACSS					Inches	
Conductor Name	Size kcmil	Stranding Alum.	Stranding Steel	Jumper Sleeve	L	Die*‡
Linnet	336.4	26	7	**BYNS32RTHT**	16.90	L717
Oriole	336.4	30	7	**BYNS32RTHT**	16.90	L717
Ibis	397.5	26	7	**BYNS34RTHT**	17.10	L719
Flicker	477	24	7	**BYNS36RTHT**	17.60	L719
Hawk	477	26	7	**BYNS36RTHT**	17.60	L719
Parakeet	556.5	24	7	**BYNS39RTHT**	18.20	L720
Dove	556.5	26	7	**BYNS39RTHT**	18.20	L720
Peacock	605	24	7	**BYNS43RTHT**	18.50	L722
Squab	605	26	7	**BYNS43RTHT**	18.50	L722
Rook	636	24	7	**BYNS43RTHT**	18.50	L722
Grosbeak	636	26	7	**BYNS43RTHT**	18.50	L722
Flamingo	666.6	24	7	**BYNS43RTHT**	18.50	L722
Starling	715.5	26	7	**BYNS451RTHT**	18.60	L725
Cuckoo	795	24	7	**BYNS451RTHT**	18.60	L725
Drake	795	26	7	**BYNS451RTHT**	18.60	L725
Tern	795	45	7	**BYNS451RTHT**	18.60	L725
Condor	795	54	7	**BYNS451RTHT**	18.60	L725
Ruddy	900	45	7	**BYNS49RTHT**	18.70	L727
Rail	954	45	7	**BYNS49RTHT**	18.70	L727
Cardinal	954	54	7	**BYNS49RTHT**	18.70	L727
Ortolan	1033.5	45	7	**BYNS49RTHT**	18.70	L727
Curlew	1033.5	54	7	**BYNS49RTHT**	18.70	L727
Bluejay	1113	45	7	**BYNS49RTHT**	18.70	L727
Finch	1113	54	19	**BYNS52RTHT**	24.20	L728
Bunting	1192.5	45	7	**BYNS52RTHT**	24.20	L728
Bittern	1272	45	7	**BYNS52RTHT**	24.20	L728
Pheasant	1272	54	19	**BYNS52RTHT**	24.20	L728
Dipper	1351.5	45	7	**BYNS52RTHT**	24.20	L728
Martin	1351.5	54	19	**BYNS52RTHT**	24.20	L728
Nuthatch	1510.5	45	7	**BYNS56RTHT**	23.60	L729
Parrot	1510.5	54	19	**BYNS56RTHT**	23.60	L729
Lapwing	1590	45	7	**BYNS56RTHT**	23.60	L729
Falcon	1590	54	19	**BYNS56RTHT**	23.60	L729
Chukar	1780	84	19	**BYNS58RTHT**	23.40	L735
Bluebird	2156	84	19	**BYNS59RTHT**	23.40	L735
Kiwi	2167	72	7	**BYNS59RTHT**	23.20	L735

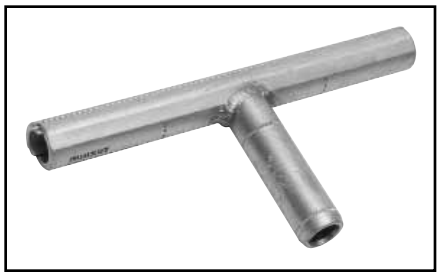
* Overlap crimps.
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

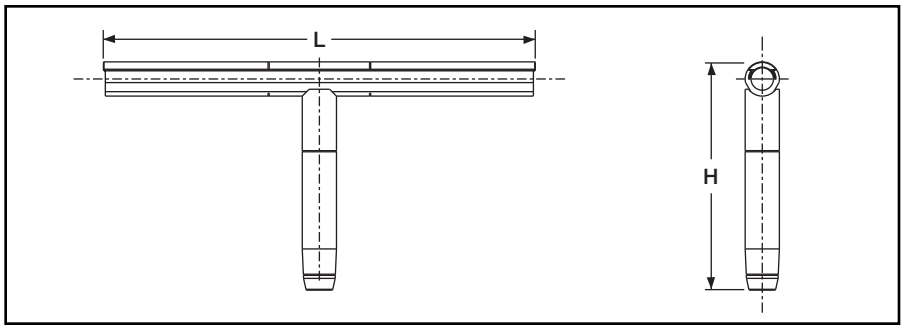
Blue highlighted items are industry standard and most frequently ordered.

TYPE YNT-R-RHT

Compression T-Tap for ACSS Conductor

Two piece compression T-Tap for ACSR transmission lines that include up to 230 kV. Tap element is pre-filled with PENETROX™ joint compound and sealed.





ACSS					Inches		
Conductor Name	Size kcmil	Stranding Alum.	Stranding Steel	T-Tap*	L	H	Die*‡
Linnet	336.4	26	7	**YNT32R32RHT**	23.46	10.39	L717
Oriole	336.4	30	7	**YNT32R32RHT**	23.46	10.39	L717
Ibis	397.5	26	7	**YNT34R34RHT**	23.60	10.53	L719
Flicker	477	24	7	**YNT36R36RHT**	24.29	10.85	L720
Hawk	477	26	7	**YNT36R36RHT**	24.29	10.85	L720
Parakeet	556.5	24	7	**YNT39R39RHT**	24.69	11.13	L722
Dove	556.5	26	7	**YNT39R39RHT**	24.69	11.13	L722
Peacock	605	24	7	**YNT43R43RHT**	25.48	11.20	L724
Squab	605	26	7	**YNT43R43RHT**	25.48	11.20	L724
Rook	636	24	7	**YNT43R43RHT**	25.48	11.20	L724
Grosbeak	636	26	7	**YNT43R43RHT**	25.48	11.20	L724
Flamingo	666.6	24	7	**YNT43R43RHT**	25.48	11.20	L724
Starling	715.5	26	7	**YNT451R451RHT**	25.60	11.70	L725
Cuckoo	795	24	7	**YNT451R451RHT**	25.60	11.70	L725
Drake	795	26	7	**YNT451R451RHT**	25.60	11.70	L725
Tern	795	45	7	**YNT451R451RHT**	25.60	11.70	L725
Condor	795	54	7	**YNT451R451RHT**	25.60	11.70	L725
Ruddy	900	45	7	**YNT49R49RHT**	25.66	11.90	L727
Rail	954	45	7	**YNT49R49RHT**	25.66	11.90	L727
Cardinal	954	54	7	**YNT49R49RHT**	25.66	11.90	L727
Ortolan	1033.5	45	7	**YNT49R49RHT**	25.66	11.90	L727
Curlew	1033.5	54	7	**YNT49R49RHT**	25.66	11.90	L727
Bluejay	1113	45	7	**YNT49R49RHT**	25.66	11.90	L727
Finch	1113	54	19	**YNT52R52RHT**	29.61	15.10	L728
Bunting	1192.5	45	7	**YNT52R52RHT**	29.61	15.10	L728
Bittern	1272	45	7	**YNT52R52RHT**	29.61	15.10	L728
Pheasant	1272	54	19	**YNT52R52RHT**	29.61	15.10	L728
Dipper	1351.5	45	7	**YNT52R52RHT**	29.61	15.10	L728
Martin	1351.5	54	19	**YNT52R52RHT**	29.61	15.10	L728
Nuthatch	1510.5	45	7	**YNT56R56RHT**	31.65	15.08	L729
Parrot	1510.5	54	19	**YNT56R56RHT**	31.65	15.08	L729
Lapwing	1590	45	7	**YNT56R56RHT**	31.65	15.08	L729
Falcon	1590	54	19	**YNT56R56RHT**	31.65	15.08	L729
Chukar	1780	84	19	**YNT58R58RHT**	31.53	15.02	L735
Bluebird	2156	84	19	**YNT59R59RHT**	31.21	14.86	L735
Kiwi	2167	72	7	**YNT59R59RHT**	31.21	14.86	L735

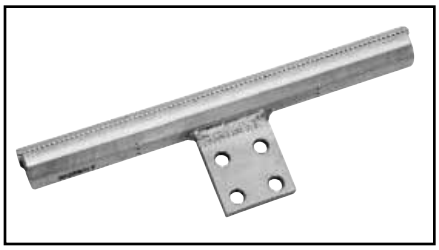
* Overlap crimps.
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

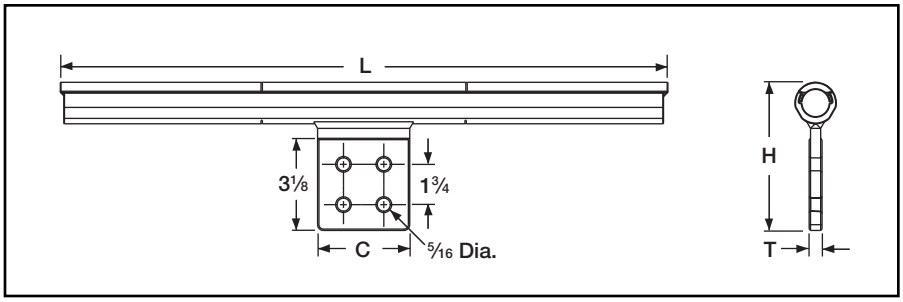
For EHV applications add "T" to the catalog number (example: YNT49R49RTHT).

TYPE YNTA-RHT

T-Tap with Pad for ACSS Conductor

Two piece compression T-Tap to a NEMA pad for ACSS transmission lines. Up to and including 230 kV.





ACSS					Inches				
Conductor Name	Size kcmil	Stranding Alum.	Stranding Steel	T-Tap with Pad	L	C	H	T	Die*‡
Linnet	336.4	26	7	**YNTA32RHT**	23.46	3.25	4.94	0.50	L717
Oriole	336.4	30	7	**YNTA32RHT**	23.46	3.25	4.94	0.50	L717
Ibis	397.5	26	7	**YNTA34RHT**	23.60	3.25	5.05	0.50	L719
Flicker	477	24	7	**YNTA36RHT**	24.29	3.25	5.16	0.56	L720
Hawk	477	26	7	**YNTA36RHT**	24.29	3.25	5.16	0.56	L720
Parakeet	556.5	24	7	**YNTA39RHT**	24.69	3.25	5.25	0.56	L722
Dove	556.5	26	7	**YNTA39RHT**	24.69	3.25	5.25	0.56	L722
Peacock	605	24	7	**YNTA43RHT**	25.48	3.25	5.36	0.56	L724
Squab	605	26	7	**YNTA43RHT**	25.48	3.25	5.36	0.56	L724
Rook	636	24	7	**YNTA43RHT**	25.48	3.25	5.36	0.56	L724
Grosbeak	636	26	7	**YNTA43RHT**	25.48	3.25	5.36	0.56	L724
Flamingo	666.6	24	7	**YNTA43RHT**	25.48	3.25	5.36	0.56	L724
Starling	715.5	26	7	**YNTA451RHT**	25.60	3.25	5.55	0.56	L725
Cuckoo	795	24	7	**YNTA451RHT**	25.60	3.25	5.55	0.56	L725
Drake	795	26	7	**YNTA451RHT**	25.60	3.25	5.55	0.56	L725
Tern	795	45	7	**YNTA451RHT**	25.60	3.25	5.55	0.56	L725
Condor	795	54	7	**YNTA451RHT**	25.60	3.25	5.55	0.56	L725
Ruddy	900	45	7	**YNTA49RHT**	25.66	3.25	5.72	0.56	L727
Rail	954	45	7	**YNTA49RHT**	25.66	3.25	5.72	0.56	L727
Cardinal	954	54	7	**YNTA49RHT**	25.66	3.25	5.72	0.56	L727
Ortolan	1033.5	45	7	**YNTA49RHT**	25.66	3.25	5.72	0.56	L727
Curlew	1033.5	54	7	**YNTA49RHT**	25.66	3.25	5.72	0.56	L727
Bluejay	1113	45	7	**YNTA49RHT**	25.66	3.25	5.72	0.56	L727
Finch	1113	54	19	**YNTA54RHT**	29.61	3.25	6.00	0.69	L728
Bunting	1192.5	45	7	**YNTA54RHT**	29.61	3.25	6.00	0.69	L728
Bittern	1272	45	7	**YNTA54RHT**	29.61	3.25	6.00	0.69	L728
Pheasant	1272	54	19	**YNTA54RHT**	29.61	3.25	6.00	0.69	L728
Dipper	1351.5	45	7	**YNTA54RHT**	29.61	3.25	6.00	0.69	L728
Martin	1351.5	54	19	**YNTA54RHT**	29.61	3.25	6.00	0.69	L728
Nuthatch	1510.5	45	7	**YNTA56RHT**	31.65	3.59	6.25	0.69	L729
Parrot	1510.5	54	19	**YNTA56RHT**	31.65	3.59	6.25	0.69	L729
Lapwing	1590	45	7	**YNTA56RHT**	31.65	3.59	6.25	0.69	L729
Falcon	1590	54	19	**YNTA56RHT**	31.65	3.59	6.25	0.69	L729
Chukar	1780	84	19	**YNTA58RHT**	31.53	3.59	6.25	0.69	L735
Bluebird	2156	84	19	**YNTA59RHT**	31.21	3.59	6.25	0.69	L735
Kiwi	2167	72	7	**YNTA59RHT**	31.21	3.59	6.25	0.69	L735

For EHV applications add "T" to the catalog number (example: YNTA49RTHT).

For EHV applications order (2) two tap pad shielding caps, STS-A-NCG catalog number indicates (1) cap.

* Overlap crimps.
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

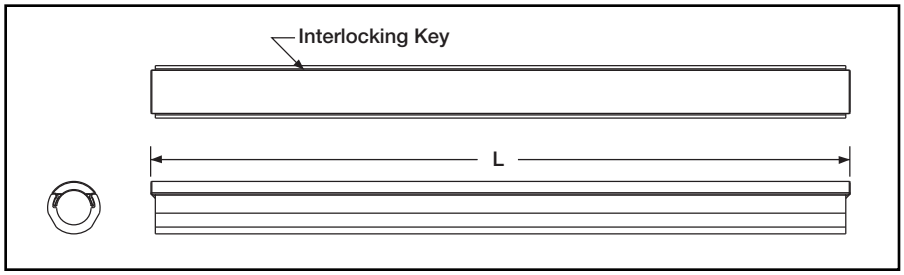
Blue highlighted items are industry standard and most frequently ordered.

TYPE YNU-RHT

Repair Sleeve for ACSS Conductor

For HV and EHV applications. Two-piece repair sleeve for temporary restoration of conductivity to damaged ACSS transmission lines. Use of PENETROX™ joint compound required.





ACSS					Inches	
Conductor Name	Size kcmil	Stranding Alum.	Stranding Steel	Repair Sleeve	L	Die*‡
Linnet	336.4	26	7	**YNU32RHT**	22.00	L717
Oriole	336.4	30	7	**YNU32RHT**	22.00	L717
Ibis	397.5	26	7	**YNU34RHT**	22.00	L719
Flicker	477	24	7	**YNU36RHT**	22.00	L720
Hawk	477	26	7	**YNU36RHT**	22.00	L720
Parakeet	556.5	24	7	**YNU39RHT**	24.00	L722
Dove	556.5	26	7	**YNU39RHT**	24.00	L722
Peacock	605	24	7	**YNU43RHT**	24.00	L724
Squab	605	26	7	**YNU43RHT**	24.00	L724
Rook	636	24	7	**YNU43RHT**	24.00	L724
Grosbeak	636	26	7	**YNU43RHT**	24.00	L724
Flamingo	666.6	24	7	**YNU43RHT**	24.00	L724
Starling	715.5	26	7	**YNU451RHT**	24.00	L725
Cuckoo	795	24	7	**YNU451RHT**	24.00	L725
Drake	795	26	7	**YNU451RHT**	24.00	L725
Tern	795	45	7	**YNU451RHT**	24.00	L725
Condor	795	54	7	**YNU451RHT**	24.00	L725
Ruddy	900	45	7	**YNU49RHT**	24.00	L727
Rail	954	45	7	**YNU49RHT**	24.00	L727
Cardinal	954	54	7	**YNU49RHT**	24.00	L727
Ortolan	1033.5	45	7	**YNU49RHT**	24.00	L727
Curlew	1033.5	54	7	**YNU49RHT**	24.00	L727
Bluejay	1113	45	7	**YNU49RHT**	24.00	L727
Finch	1113	54	19	**YNU54RHT**	24.00	L728
Bunting	1192.5	45	7	**YNU54RHT**	24.00	L728
Bittern	1272	45	7	**YNU54RHT**	24.00	L728
Pheasant	1272	54	19	**YNU54RHT**	24.00	L728
Dipper	1351.5	45	7	**YNU54RHT**	24.00	L728
Martin	1351.5	54	19	**YNU54RHT**	24.00	L728
Nuthatch	1510.5	45	7	**YNU56RHT**	27.00	L729
Parrot	1510.5	54	19	**YNU56RHT**	27.00	L729
Lapwing	1590	45	7	**YNU56RHT**	27.00	L729
Falcon	1590	54	19	**YNU56RHT**	27.00	L729
Chukar	1780	84	19	**YNU58RHT**	27.00	L735
Bluebird	2156	84	19	**YNU59RHT**	27.00	L735
Kiwi	2167	72	7	**YNU59RHT**	27.00	L735

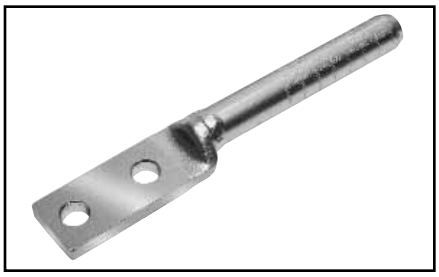
* Overlap crimps.
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

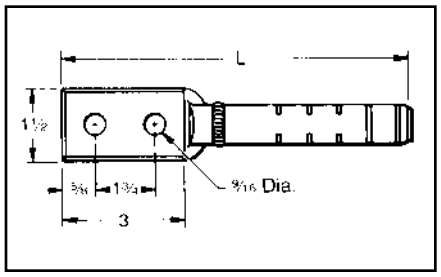
Blue highlighted items are industry standard and most frequently ordered.

TYPE YNA-M-T

Compression Terminal for Alumoweld and EHS Steel

Compression terminal for joining Alumoweld and EHS steel to YTW-M-T or YTW-E dead-end. Installed with same dies as equivalent full tension splice and deadend. Barrel is pre-filled with PENETROX™ joint compound and capped.





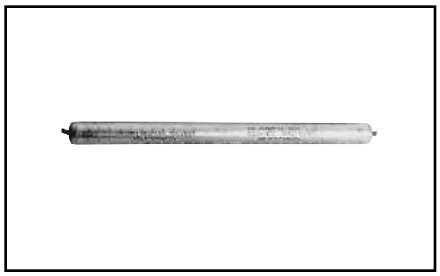
Catalog Number	Conductor		L	Tools, Die Sets, & (Number of Crimps)		
	Alumoweld	EHS Steel		DIE Index	Y35, Y750, Y45†, Y46‡‡	Y60BHU*
YNA7M10T	7 #10, 3 #7	5/16″ 7 Str.	8-1/2	676 or 721	U676 (4)	—
					—	L721
YNA7M8T	7 #8, 3 #5	3/8″ 7 Str.	9-3/4	668 or 723	U688 (7)	—
					—	L723
YNA7M7T	7 #7	7/16″ 7 Str.	9-7/8	678 or 726	U678 (10)	—
					—	L726
YNA7M6T	7 #6	1/2″ 7 Str.	9-3/4	679 or 726	U679 (11)	—
					—	L726

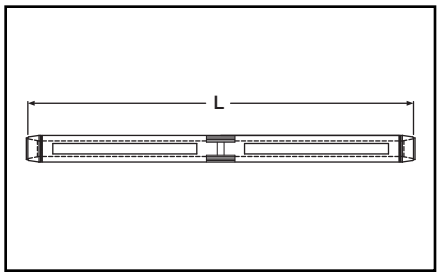
* Overlap crimps.
† U Die with adapter PT-6515.
‡‡ U Die with adapter PUADP-1.

TYPE YDS-M-T

Full Tension Sleeve for Alumoweld

Full-tension splice for Alumoweld transmission lines. Five connectors accommodate eight conductor sizes. Sleeve is pre-filled with PENETROX™ joint compound and capped.





RUS Accepted

Catalog ††† Number	Conductor Alumoweld	L	Tools, Die Sets		
			Die Index	Y35, Y750, Y45†, Y46‡‡	Y60BHU*
YDS7M10T	7 #10, 3 #7	10	676 or	U676 (8)	—
			721	—	L721
YDS7M9T	7 #9, 3 #6	10-3/8	677	U677 (10)	—
YDS7M8T	7 #8, 3 #5	12-1/4	668 or	U668 (13)	—
			723	—	L723
YDS7M7T	7 #7	14-1/2	678 or	U678 (19)	—
			726	—	L726
YDS7M6T	7 #6	15-1/8	679 or	U679 (2)	—
			726	—	L726

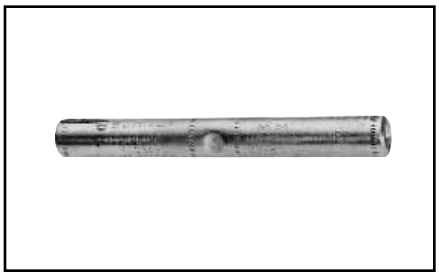
* Overlap crimps.
† U Die with adapter PT-6515.
‡‡ U Die with adapter PUADP-1.

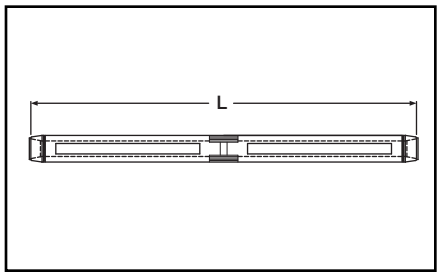
††† Sleeve is high strength aluminum alloy for optimum corrosion resistance.

TYPE YTS-E

Full Tension Splice for EHS Steel

Full tension splice for EHS steel guy, messenger or "static" cable. Sleeve is pre-filled with PENETROX™ joint compound and capped.





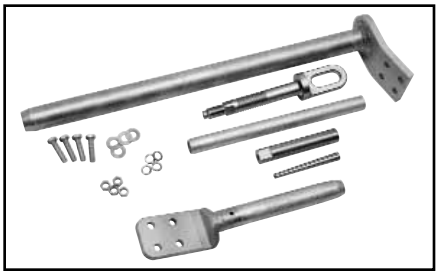
Catalog Number	Conductor † EHS Steel	L	Tools, Die Sets	
			Die Index	Y60BHU*
YTS312E	5/16″ 7 Str.	11.30″	721	L721
YTS375E	3/8″ 7 Str.	10.38″	723	L723
YTS438E	7/16″ 7 Str.	11.78″	726	L726
YTS500E	½″ 7 Str.	16.63″	789	L789

* Overlap crimps.
† Sleeve is high strength aluminum alloy for optimum corrosion resistance.

Full Tension Deadend Kit

Compression Deadend for ACCC® Conductor

Full tension deadends for ACCC® transmission lines up to and including 230 kV. Standard 15° NEMA tap pad provides either 0° or 30° tap when BYNA-RT15HACCC terminal is used.



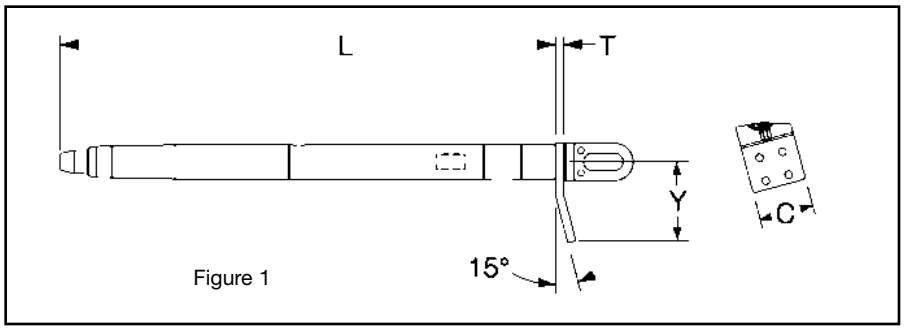


Figure 1

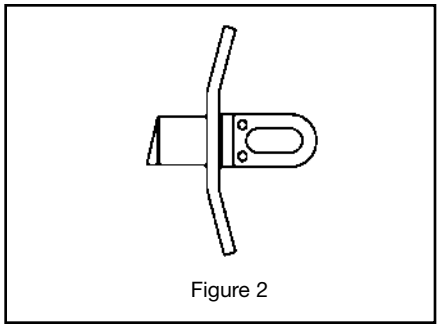


Figure 2

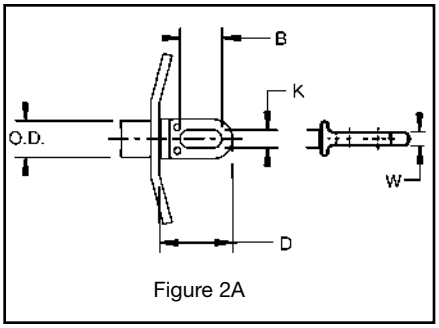


Figure 2A

I-47

Conductor Name	Size kcmil	Catalog Number Kit Assembly	Fig. No.	Dimensions - Deadend Body (Fig. 1) L	T	C	Y	Dimensions - Steel Eye (Fig. 2A) D	B	K	W	Kit Components Terminal	Installation Tooling Y60BHU Die*‡ Deadend	Die*‡ Terminal	Inspection Pin Dia.
Linnet	431	**5600-1020**	1	31.25 [794]	.62 [16]	4.00 [102]	5.60 [142]	4.5 [114]	2.5 [64]	1.12 [28]	0.62 [16]	**BYNA32RT15HACCC**	L727W	L717W	0.748
		5600-1020D	2												
Copenhagen	440	**5600-1022**	1												
		5600-1022D	2												
Glasgow	473	**5600-1044**	1									**BYNA245MRT15HACCC**		L719W	
		5600-1044D	2												
Casablanca	546	**5600-1028**	1									**BYNA36RT15HACCC**		L720W	0.892
		5600-1028D	2												
Hawk	611	**5600-1030**	1												
		5600-1030D	2												
Lisbon	629	**5600-1032**	1									**BYNA39RT15HACCC**		L722W	0.962
		5600-1032D	2												
Dove	713	**5600-1040**	1												
		5600-1040D	2												
Amsterdam	733	**5600-1042**	1									**BYNA43RT15HACCC**		L724W	1.042
		5600-1042D	2												
Grosbeak	816	**5600-1050**	1												
		5600-1050D	2												
Brussels	839	**5600-1052**	1												
		5600-1052D	2												
Oslo	627	**5600-1026**	1	36.19 [919]				5.10 [130]	2.91 [74]	1.26 [32]	0.75 [19]	**BYNA39RT15HACCC**	L735W	L722W	0.962
		5600-1026D	2												
Stockholm	913	**5600-1054**	1									**BYNA451RT15HACCC**		L725W	1.164
		5600-1054D	2												
Warsaw	1016	**5600-1056**	1												
		5600-1056D	2												
Drake	1020	**5600-1060**	1												
		5600-1060D	2												
Dublin	1043	**5600-1062**	1												
		5600-1062D	2												

Notes:

ACCC is a Registered Trade Mark of CTC Cable Corp.

1. Deadend Assembly consists of Aluminum Body, Steel Eye and Terminal with mounting hardware.
2. Designed for corona free operation up to 230 kV, contact factory for 345 kV and 500 kV operation.
3. For stainless steel hardware, contact factory.
4. Dimensions in brackets [ ] denotes metric units and are rounded to nearest whole numbers.

* Overlap crimps.

‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

(Continued on next page)

Full Tension Deadend Kit
(Continued)

Compression Deadend for ACCC® Conductor

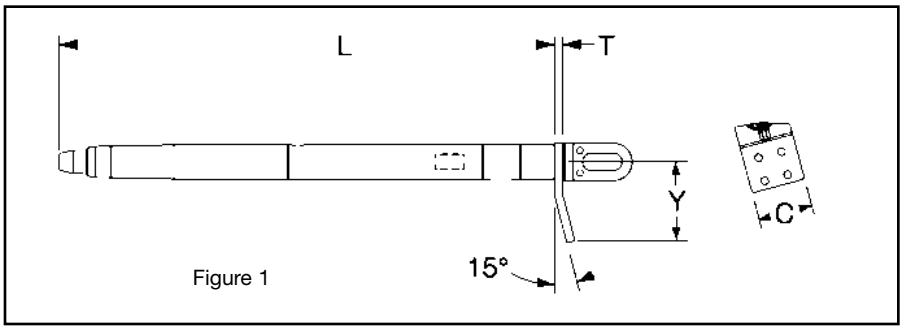
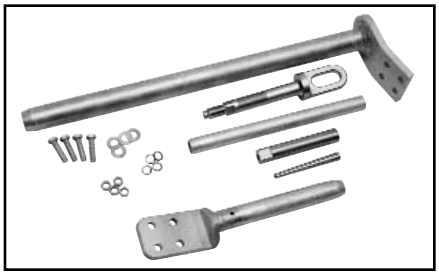
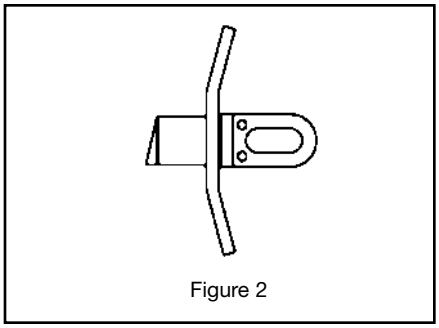


Figure 1




Figure 2

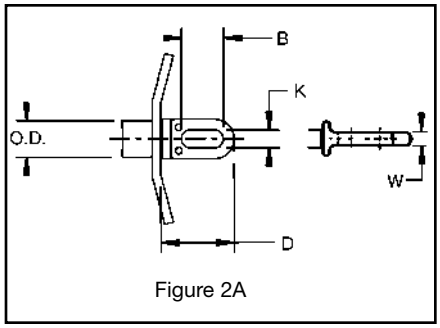


Figure 2A

I-48

Conductor Name	Size kcmil	Catalog Number Kit Assembly	Fig. No.	Dimensions - Deadend Body (Fig. 1) L	T	C	Y	Dimensions - Steel Eye (Fig. 2A) D	B	K	W	Kit Components Terminal	Installation Tooling Y60BHU Die*‡ Deadend	Die*‡ Terminal	Inspection Pin Dia.
Hamburg	1092	**5600-1058**	1	36.19 [919]	0.62 [16]	4.00 [102]	5.60 [142]	5.10 [130]	2.91 [74]	1.26 [32]	0.75 [19]	**BYNA590MRT15HACCC**	L735W	L727W	1.24
		5600-1058D	2												
Milan	1134	**5600-1064**	1												
		5600-1064D	2												
Rome	1183	**5600-1066**	1												
		5600-1066D	2												
Cardinal	1222	**5600-1070**	1									**BYNA49RT15HACCC**		L727W	1.313
		5600-1070D	2												
Vienna	1255	**5600-1072**	1												
		5600-1072	2												
Budapest	1332	**5600-1074**	1												
		5600-1074D	2												
Prague	1377	**5600-1076**													
		5600-1076D													
Munich	1461	**5600-1078**	1									**BYNA760MRT15HACCC**		L728W	1.35
		5600-1078D	2												
London	1512	**5600-1079**	1									**BYNA52RT15HACCC**		L728W	1.454
		5600-1079D	2												
Bittern	1572	**5600-1080**	1												
		5600-1080D	2												
Paris	1620	**5600-1082**	1												
		5600-1082D	2												

Notes:
ACCC is a Registered Trade Mark of CTC Cable Corp.
1. Deadend Assembly consists of Aluminum Body, Steel Eye and Terminal with mounting hardware.
2. Designed for corona free operation up to 230 kV, contact factory for 345 kV and 500 kV operation.
3. For stainless steel hardware, contact factory.
4. Dimensions in brackets [ ] denotes metric units and are rounded to nearest whole numbers.

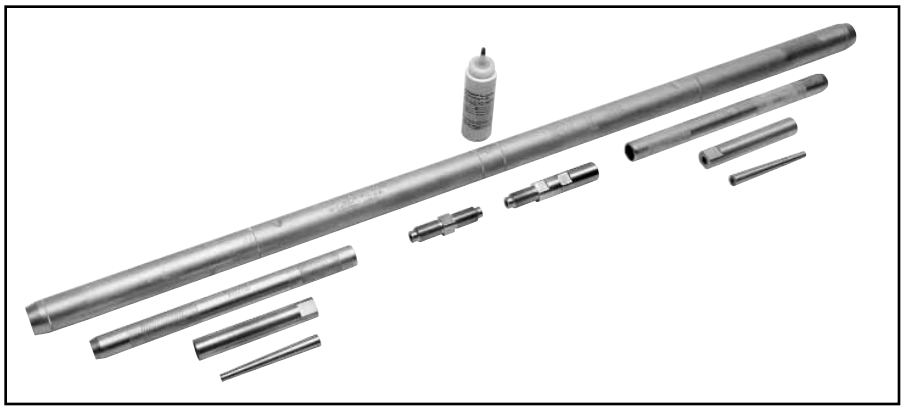
* Overlap crimps.
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

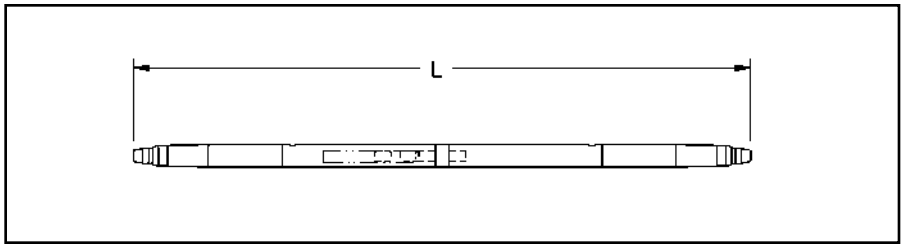
Blue highlighted items are industry standard and most frequently ordered.

Full Tension Splice Kit

Compression Splice for ACCC® Conductor

Full tension two piece splice for ACCC® transmission lines up to and including 230 kV.





Conductor Name	Size kcmil	Catalog Number	Dimensions (Inches) L	Installation Tool Die*‡	Installation Tool Tool
Linnet	431	**5600-2020**	60.80 [1544]	L727W	Y60BHU
Copenhagen	440	**5600-2022**			
Glasgow	473	**5600-2044**			
Casablanca	546	**5600-2028**			
Hawk	611	**5600-2030**			
Lisbon	629	**5600-2032**			
Dove	713	**5600-2040**			
Amsterdam	733	**5600-2042**			
Grosbeak	816	**5600-2050**			
Brussels	839	**5600-2052**			
Oslo	627	**5600-2026**	67.00 [1702]	L735W	
Stockholm	913	**5600-2054**			
Warsaw	1016	**5600-2056**			
Drake	1020	**5600-2060**			
Dublin	1043	**5600-2062**			
Hamburg	1092	**5600-2058**			
Milan	1134	**5600-2064**			
Rome	1183	**5600-2066**			
Cardinal	1222	**5600-2070**			
Vienna	1255	**5600-2072**			
Budapest	1332	**5600-2074**			
Prague	1377	**5600-2076**			
Munich	1461	**5600-2078**			
London	1512	**5600-2079**			
Bittern	1572	**5600-2080**			
Paris	1620	**5600-2082**			

1. Designed for corona free operation up to 230 kV, contact factory for 345 kV and 500 kV operation.
2. Dimensions in brackets [ ] denotes metric units and are rounded to nearest whole number.

* Overlap crimps.
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

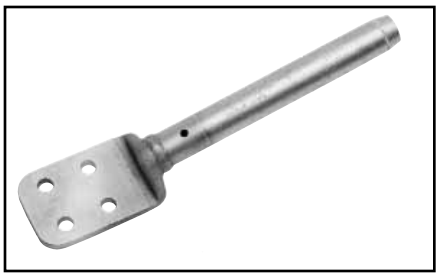
ACCC is a Registered Trade Mark of CTC Cable Corp.

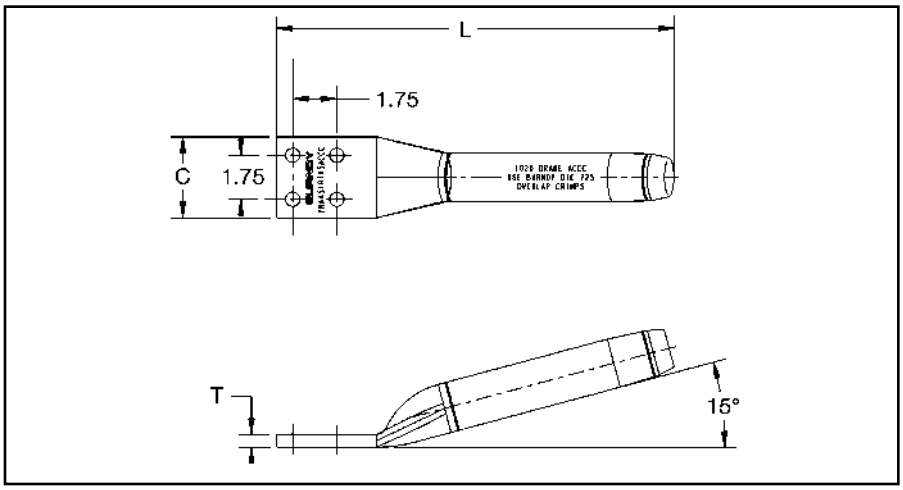
Blue highlighted items are industry standard and most frequently ordered.

TYPES BYNA-RTACCC, BYNA-RT15ACCC

Compression Terminals Straight and 15 Degree for ACCC® Conductor

Compression terminal for ACCC® transmission lines up to and including 230 kV.





I-50

Conductor Name	Size kcmil	Straight Catalog Number	15 Degree Catalog Number	Dimensions (Inches)				Installation Tooling			
				Straight L	15 Degree L	C	T	Die Index	Y45*	Y46*	Y60BHU*‡
Linnet	431	BYNA32RTACCC	BYNA32RT15ACCC	15.5 [393]	15.5 [393]	3.25 [83]	0.50 [13]	717	S717	P717	L717W
Copenhagen	440										
Glasgow	473	BYNA245MRTACCC	BYNA245MRT15ACCC	15.8 [402]	15.8 [402]			719	S719	P719	L719W
Casablanca	546	BYNA36RTACCC	BYNA36RT15ACCC	15.8 [402]	15.8 [402]			720	S720	P720	L720W
Hawk	611										
Lisbon	629										
Oslo	627	BYNA39RTACCC	BYNA39RT15ACCC	16.2 [411]	16.2 [411]			722	S722	P722	L722W
Dove	713										
Amsterdam	733										
Grosbeak	816	BYNA43RTACCC	BYNA43RT15ACCC	16.2 [411]	16.2 [411]			724	S724	P724	L724W
Brussels	839										
Stockholm	913	BYNA451RTACCC	BYNA451RT15ACCC	15.3 [389]	15.0 [380]	3.22 [82]	0.45 [11]	725	S725	P725	L725W
Warsaw	1016										
Drake	1020										
Dublin	1043										
Hamburg	1092	BYNA590MRTACCC	BYNA590MRT15ACCC	15.6 [397]	15.7 [399]		0.52 [13]	727	—	—	L727W
Milan	1134										
Rome	1183										
Cardinal	1222	BYNA49RTACCC	BYNA49RT15ACCC	15.6 [397]	15.7 [399]		0.52 [13]	727	—	—	L727W
Vienna	1255										
Budapest	1332										
Prague	1377										
Munich	1461	BYNA760MRTACCC	BYNA760MRT15ACCC	17.1 [435]	17.3 [438]		0.71 [18]	728	—	—	L728W
London	1512	BYNA52RTACCC	BYNA52RT15ACCC	17.1 [435]	17.3 [438]		0.71 [18]	728	—	—	L728W
Bittern	1572										
Paris	1620										

Notes:

ACCC is a Registered Trade Mark of CTC Cable Corp.

1. To specifiy mounting hardware to correspondending deadend or pad add H to the part number (example: BYNA451RTHACCC).
2. To specify stainless steel hardware add suffix SS to the catalog number (example: BYNA451RTACCCSS).
3. Designed for corona free operation up to 230 kV, contact factory for 345 kV and 500 kV operation.
4. Dimensions in brackets [ ] denotes metric units and are rounded to nearest whole numbers.

* Overlap crimps.

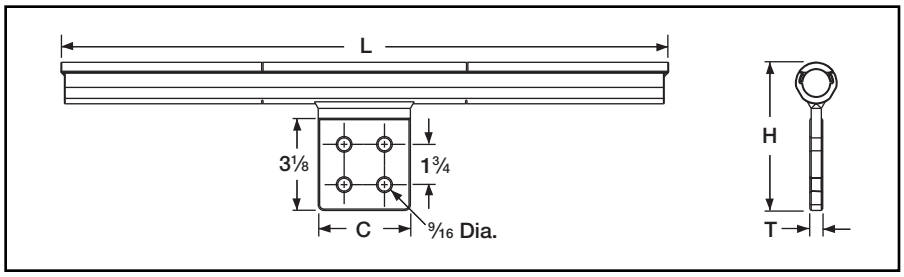
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

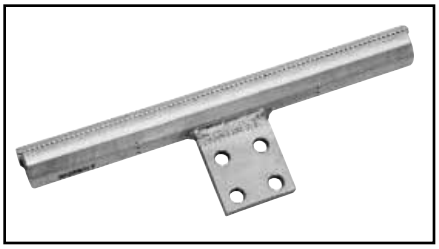
Blue highlighted items are industry standard and most frequently ordered.

TYPE YNTA-RTACCC

Compression T-Tap for ACCC® Conductor

Two piece compression T-Tap to a NEMA pad for ACCC® transmission lines up to and including 230 kV.





Conductor Name	Size kcmil	Catalog Number	Dimensions (Inches)				Installation Tooling			
			L	C	H	T	Die Index	Y45*	Y46*	Y60BHU*‡
Linnet	431	**YNTA32RTACCC**	24.92 [633]	4.00 [102]	5.82 [148]	0.56 [14]	717	S717	P717	L717W
Copenhagen	440									
Glasgow	473	**YNTA245MRTACCC**	25.50 [648]		5.93 [150]		719	S719	P719	L719W
Casablanca	546	**YNTA36RTACCC**	25.50 [648]		6.03 [153]		720	S720	P720	L720W
Hawk	611									
Lisbon	629									
Olso	627	**YNTA39RTACCC**	26.06 [662]		6.13 [156]		722	S722	P722	L722W
Dove	713									
Amsterdam	733									
Grosbeak	816	**YNTA43RTACCC**	26.28 [667]		6.24 [158]		724	S724	P724	L724W
Brussels	839									
Stockholm	913	**YNTA451RTACCC**	26.38 [670]		6.43 [163]		725	S725	P725	L725W
Warsaw	1016									
Drake	1020									
Dublin	1043									
Hamburg	1092	**YNTA49RTACCC**	26.36 [669]		6.60 [168]		727	—	—	L727W
Milan	1134									
Rome	1183									
Cardinal	1222									
Vienna	1255									
Budapest	1332									
Prague	1377									
Munich	1461	**YNTA52RTACCC**	29.32 [745]		7.00 [178]	0.69 [17]	728	—	—	L728W
London	1512									
Bittern	1572									
Paris	1620									

ACCC is a Registered Trade Mark of CTC Cable Corp.

1. Designed for corona free operation up to 230 kV, contact factory for 345 kV and 500 kV operation.
2. Dimensions in brackets [ ] denotes metric units and are rounded to nearest whole number.

* Overlap crimps.

‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

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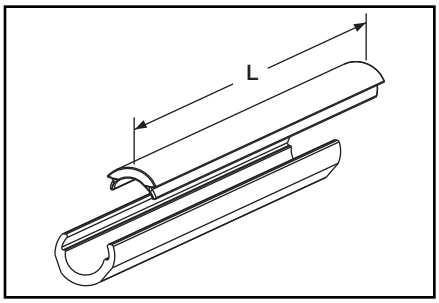
Blue highlighted items are industry standard and most frequently ordered.

TYPE YNU-RACCC

Compression Repair Sleeve for ACCC® Conductor

Two piece compression repair sleeve for temporary restoration of conductivity to damaged ACCC® transmission lines.





Conductor Name	Size kcmil	Catalog Number	Dimension (Inches) L	Installation Tooling			
				Die Index	Y45*	Y46*	Y60BHU*‡
Linnet	431	**YNU32RACCC**	22.00 [559]	717	S717	P717	L717W
Copenhagen	440						
Glasgow	473	**YNU245MRACCC**		719	S719	P719	L719W
Casablanca	546	**YNU36RACCC**		720	S720	P720	L720W
Hawk	611						
Lisbon	629						
Oslo	627	**YNU39RACCC**	24.00 [610]	722	S722	P722	L722W
Dove	713						
Amsterdam	733						
Grosbeak	816	**YNU43RACCC**		724	S724	P724	L724W
Brussels	839						
Stockholm	913	**YNU451RACCC**		725	S725	P725	L725W
Warsaw	1016						
Drake	1020						
Dublin	1043						
Hamburg	1092	**YNU49RACCC**		727	—	—	L727W
Milan	1134						
Rome	1183						
Cardinal	1222						
Vienna	1255						
Budapest	1332						
Prague	1377						
Munich	1461	**YNU52RACCC**		728	—	—	L728W
London	1512						
Bittern	1572						
Paris	1620						

ACCC is a Registered Trade Mark of CTC Cable Corp.
Dimensions in brackets [ ] denotes metric units and are rounded to nearest whole number.

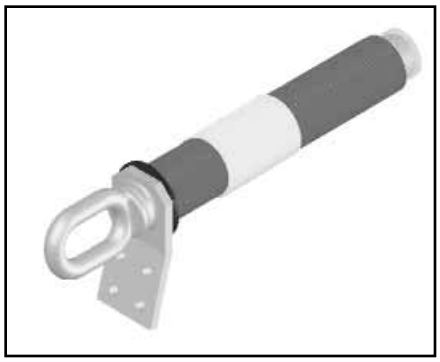
* Overlap crimps.
‡ Wide dies may be used, add suffix "W" to part number (example: L725W).

Blue highlighted items are industry standard and most frequently ordered.

TYPE IMPLO™

Dead End Joints

IMPLO™ Dead End Joints accommodate a wide range of ACSR, ACSS, ACSS/TW, ASC, and ASC/TW conductors; and provide a consistent, smooth, high quality installation every time . . . with no tools or dies. Various dead end configurations, tap pad angles, and eyebolt versions available, 15 degree tap pad standard.



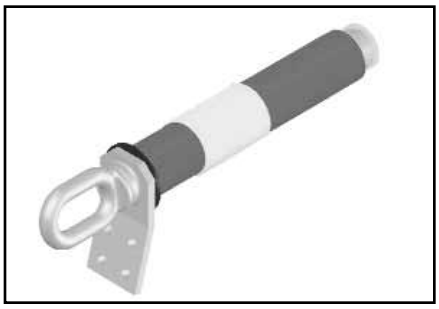
Conductor				Catalog Number	Length (mm)
Code	Type	Strand	kcmil		
Linnet	ACSR	26/7	336.4	**2050**	330
Oriole	ACSR	30/7	336.4		
Chickadee	ACSR	18/1	397.5		
Brant	ACSR	24/7	397.5		
Ibis	ACSR	26/7	397.5		
Oriole	ACSS	30/7	336.4	**2050 ACSS**	330
Lark	ACSR	30/7	397.5	**2051**	340
Hawk	ACSR	26/7	477		
Dove	ACSR	26/7	556.5	**2052**	350
Customer Specific	ACSR	26/7	585		
Rook	ACSR	24/7	636	**2053**	375
Flamingo	ACSR	24/7	666.6		
Stilt	ACSR	24/7	715.5		
Crow	ACSR	54/7	715.5		
Gannet	ACSR	26/7	666.6	**2054**	375
Grosbeak	ACSR	26/7	636		
Type 16 (Crowsnest)	ACSR/SD	—	636		
Customer Specific	ACSR	42/7	971.6	**2055**	395
Starling	ACSR	26/7	715.5	**2056**	385
Cuckoo	ACSR	24/7	795		
Condor	ACSR	54/7	795		
Crane	ACSR	54/7	874.5		
Type 13	ACSR/SD	20/7	795		
Drake	ACSR	26/7	795	**2057**	385
Drake	ACSS	26/7	795		
Cardinal	ACSS/TW	54/7	954		
Type 16	ACSR/SD	22/7	795		
Mallard	ACSR	30/19	795	**2058**	395
Ruddy	ACSR	45/7	900	**2059**	395
Rail	ACSR	45/7	954		
Canary	ACSR	54/7	900	**2060**	395
Canary	ACSS	54/7	900		
Cardinal	ACSR/SD	T.13	954		
Cardinal	ACSR	54/7	954		
Curlew	ACSR	54/7	1033.5	**2061**	415
Moose	ACSR	54/7	500 mm		
Ortolan	ACSR	45/7	1033.5	**2062**	415
Bluejay	ACSR	54/7	1113		
Finch	ACSR	54/19	1113	**2063**	435
Grackle	ACSR	54/19	1192.5	**2064**	435
Customer Specific	ACSR/TW	56/19	1443.7		
Bunting	ACSR	45/7	1192.5	**2065**	435
Bittern	ACSR	45/7	1272		
Potomac/TW	ACSR/TW	36/7	1557.4		

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Blue highlighted items are industry standard and most frequently ordered.

TYPE IMPLO™

Dead End Joints
(Continued)

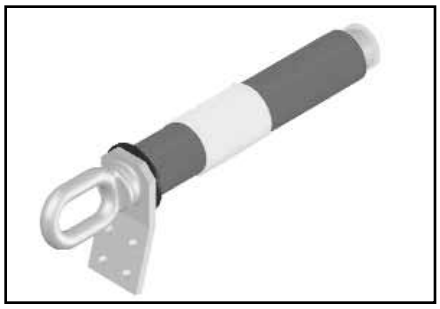


Conductor				Catalog Number	Length (mm)
Code	Type	Strand	kcmil		
Pheasant	ACSR	54/19	1272	**2066**	445
Martin	ACSR	54/19	1351.5		
Dipper	ACSR	45/7	1351.5	**2067**	445
Bobolink	ACSR	45/7	1431		
Plover	ACSR	54/19	1431	**2070**	455
Parrot	ACSR	54/19	1510.5		
Customer Specific	AACSR	26/7	811.5	**2071**	395
Nuthatch	ACSR	45/7	1510.5	**2072**	455
Lapwing	ACSR	45/7	1590		
Type 7 (Keephill)	ACSR/SD	41/7	1590		
Falcon	ACSR	54/19	1590	**2073**	465
Chukar	ACSR	84/19	1780	**2074**	505
Bluebird	ACSR	84/19	2156	**2075**	495
Kiwi	ACSR	72/7	2167	**2076**	495
Nelson	ACSR	72/7	1843.3	**2077**	480
Customer Specific	ACSR	72/7	2032.1		
Mockingbird	ACSR	72/7	2034.5		
Customer Specific	ACSR	72/7	1843.2		
Seahawk	ACSR	68/7	1869	**2079**	480
Toutle/TW	ACSR/TW	17/7	795		
Customer Specific	ACSR	48/7	623.8	**2080**	350
Thrasher	ACSR	76/19	2312	**2083**	510
Skylark	ACSR	36/1	1272	**2084**	435
Meadowsweet	ASC	37	600	**2085**	350
Orchid	ASC	37	636		
Violet	ASC	37	715.5		
Nasturtium	ASC	61	715.5		
Arbutus	ASC/TW	17	795		
Baker	ASC/TW	34	795		
Bluebell	ASC	37	1033.5	**2086**	395
Larkspur	ASC	61	1033.5		
Marigold	ASC	61	1113		
Customer Specific	ACSR	42/7	1277.5	**2089**	435
Type 5 (Scissortail)	SDC	34/7	1272		
Deschutes/TW	ACSR/TW	35/7	1519		
Mica - Mica	ACSR	24/7 - 26/7E	666.9-648.2	**2090**	375
Hawthorn	ASC	61	1192.5	**2093**	415
Narcissus	ASC	61	1272		
Hornbill	ACSR	48/7	1590	**2094**	455
Athabasca/TW	ACSR/TW	42/7	1780		
Chukar/TW	ACSR/TW	52/19	1780		
Tern	ACSR	45/7	795	**2095**	385
Type 6.4	SDC	17/7	477	**2097**	340
Emu	ACSR	108/37	3364	**2100**	
Coot	ACSR	36/1	795	**2103**	375
Pelican	ACSR	18/1	477	**2112**	340
Osprey	ACSR	18/1	556.5		

Blue highlighted items are industry standard and most frequently ordered.

TYPE IMPLO™

Dead End Joints
(Continued)

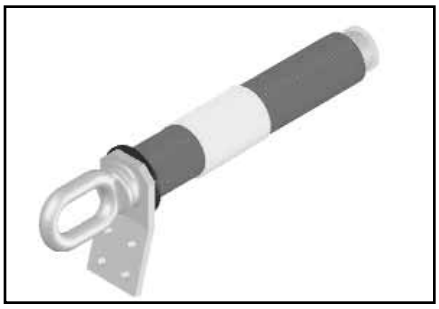


Conductor				Catalog Number	Length (mm)
Code	Type	Strand	kcmil		
Flicker	ACSR	24/7	477	**2113**	340
Parakeet	ACSR/TW	18/7	556.5		
Hen	ACSR	30/7	477	**2114**	350
Heron	ACSR	30/7	500		
Peacock	ACSR	24/7	605	**2117**	350
Duck	ACSR	54/7	605		
Goose	ACSR	54/7	636		
Customer Specific	ACSR	54/7	605		
Parakeet	ACSR	18/7	556.5		
Eagle	ACSR	30/7	556.5	**2118**	350
Squab	ACSR	26/7	605	**2120**	375
Wood Duck	ACSR	30/7	605	**2121**	375
Teal	ACSR	30/19	605		
Scoter	ACSR	30/7	636		
Egret	ACSR	30/19	636		
Kingbird	ACSR	18/1	636	**2123**	350
Swift	ACSR	36/1	636		
Customer Specific	ACSR	18/1-18/7	583.2		
Rogue/TW	ACSR/TW	17/7	954	**2124**	385
Type 7	SDC	21/7	954		
Kettle	ACSR/TW	21/7	954		
Redwing	ACSR	30/19	715.5	**2131**	385
Grand Rapids	ACSR	22/7	685.4	**2133**	375
Type 5	SDC	17/7	795		
Macaw	ACSR	42/7	795		
Catbird	ACSR	36/1	954	**2138**	385
Phoenix	ACSR	42/7	954	**2139**	395
Towhee	ACSR	48/7	954	**2140**	385
Snowbird	ACSR	42/7	1033.5	**2141**	415
4/0	ACSR	6/1	211.6	**2142**	310
Penguin	ACSR	6/1	211.6		
Ostrich	ACSR	26/7	300	**2143**	320
Merlin	AACSR	18/1	336.4		
Partridge	ACSR	26/7	266.8	**2144**	320
Owl	ACSR	6/7	266.8		
Customer Specific	ACSR	22/7	490	**2145**	340
Road Runner	ACSR	76/19	2057	**2146**	505
Dotterel	ACSR	12/7	177 mm	**2147**	310
Canna	ASC	19	397.5	**2149**	330
Cosmos	ASC	19	477		
Neon	AAC	19	210 mm sq.		
Syringa	ASC	37	477		
Zinnia	ASC	19	500	**2150**	340
Hyacinth	ASC	37	500		
Dahlia	ASC	19	556.5		
Mistletoe	ASC	37	556.5		

Blue highlighted items are industry standard and most frequently ordered.

TYPE IMPLO™

Dead End Joints
(Continued)



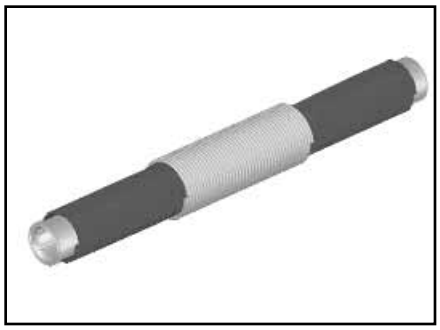
Conductor				Catalog Number	Length (mm)
Code	Type	Strand	kcmil		
Arbutus	AAC	37	795	**2157**	375
Phosphorus	AAAC	37	807		
Lilac	AAC	61	795		
Anemone	ASC	37	874.5	**2158**	385
Crocus	ASC	61	874.5		
Magnolia	ASC	37	954		
Golden Rod	ASC	61	954		
Greeley	AAAC	37	927.2		
Hood	ASC/TW	34	1589	**2165**	435
Sulphur	AASC	61	647 mm sq.		
Columbine	ASC	61	1351.5		
Carnation	AAAC	61	1431	**2166**	445
Gladiolus	ASC	61	1510.5		
Coreopsis	ASC	61	1590		
Moa	ACSR	76/7	1590	**2167**	455
Jessamine	ASC	61	1750	**2169**	455
Cowslip	ASC	91	2000	**2170**	505
Jefferson/TW	AAC/TW	52	2406		
Sagebrush	ASC	91	2250	**2171**	495
Customer Specific	ASC	91	2303		
Bitterroot	ASC	91	2750	**2173**	510
Tulip	ASC	19	336.4	**2174**	320
Daffodil	ASC	19	350		
Laurel	ASC	19	266.8	**2179**	310
Customer Specific	ASC	91	3000	**2182**	510
3640 kcmil	ASC	91	3640	**2183**	555
3500 kcmil	ASC	91	3500		
Sansum	ACSR	72/37	1273.5	**2190**	455
Customer Specific	ACSR	26/7	932.7	**2192**	415
Customer Specific	ACSR	28/19	1307.4	**2300**	552
Customer Specific	ACSR	69/19	1924	**2301**	610

Blue highlighted items are industry standard and most frequently ordered.

TYPE IMPLO™

Full Tension Joints

IMPLO™ Full Tension Joints accommodate a wide range of ACSR, ACSS, ACSS/TW, ASC, and ASC/TW conductors; and provide a consistent, smooth, high quality installation every time . . . with no tools or dies.

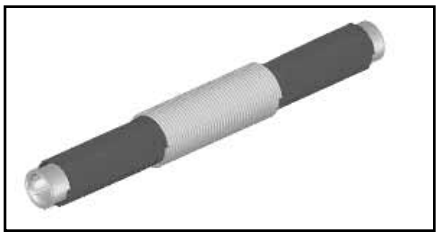


Conductor				Catalog Number	Length (mm)
Code	Type	Strand	kcmil		
Linnet	ACSR	26/7	336.4	1050	480
Oriole	ACSR	30/7	336.4		
Chickadee	ACSR	18/1	397.5		
Brant	ACSR	24/7	397.5		
Ibis	ACSR	26/7	397.5		
Oriole	ACSS	30/7	336.4	1050 ACSS	480
Lark	ACSR	30/7	397.5	1051	500
Hawk	ACSR	26/7	477		
Dove	ACSR	26/7	556.5	1052	520
Customer Specific	ACSR	26/7	585		
Rook	ACSR	24/7	636	1053	540
Flamingo	ACSR	24/7	666.6		
Stilt	ACSR	24/7	715.5		
Crow	ACSR	54/7	715.5		
Gannet	ACSR	26/7	666.6	1054	540
Grosbeak	ACSR	26/7	636		
Type 16 (Crowsnest)	ACSR/SD	—	636		
Customer Specific	ACSR	42/7	971.6	1055	580
Starling	ACSR	26/7	715.5	1056	580
Cuckoo	ACSR	24/7	795		
Condor	ACSR	54/7	795		
Crane	ACSR	54/7	874.5		
Type 13	ACSR/SD	20/7	795		
Drake	ACSR	26/7	795	1057	580
Drake	ACSS	26/7	795		
Cardinal	ACSS/TW	54/7	954		
Type 16	ACSR/SD	22/7	795		
Mallard	ACSR	30/19	795	1058	580
Ruddy	ACSR	45/7	900	1059	580
Rail	ACSR	45/7	954		
Canary	ACSR	54/7	900	1060	580
Canary	ACSS	54/7	900		
Cardinal	ACSR/SD	T.13	954		
Cardinal	ACSR	54/7	954		
Curlew	ACSR	54/7	1033.5	1061	620
Moose	ACSR	54/7	500 mm		
Ortolan	ACSR	45/7	1033.5	1062	620
Bluejay	ACSR	54/7	1113		
Finch	ACSR	54/19	1113	1063	660
Grackle	ACSR	54/19	1192.5	1064	660
Customer Specific	ACSR/TW	56/19	1443.7		
Bunting	ACSR	45/7	1192.5	1065	660
Bittern	ACSR	45/7	1272		
Potomac/TW	ACSR/TW	36/7	1557.4		

Blue highlighted items are industry standard and most frequently ordered.

TYPE IMPLO™

Full Tension Joints
(Continued)



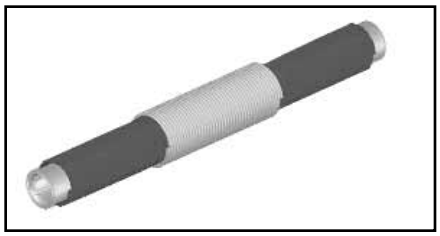
Conductor				Catalog Number	Length (mm)
Code	Type	Strand	kcmil		
Pheasant	ACSR	54/19	1272	**1066**	680
Martin	ACSR	54/19	1351.5		
Dipper	ACSR	45/7	1351.5	**1067**	680
Bobolink	ACSR	45/7	1431		
Plover	ACSR	54/19	1431	**1070**	700
Parrot	ACSR	54/19	1510.5		
Customer Specific	AACSR	26/7	811.5	**1071**	580
Nuthatch	ACSR	45/7	1510.5	**1072**	700
Lapwing	ACSR	45/7	1590		
Type 7 (Keephill)	ACSR/SD	41/7	1590		
Falcon	ACSR	54/19	1590	**1073**	720
Chukar	ACSR	84/19	1780	**1074**	800
Bluebird	ACSR	84/19	2156	**1075**	780
Kiwi	ACSR	72/7	2167	**1076**	780
Nelson	ACSR	72/7	1843.3	**1077**	750
Customer Specific	ACSR	72/7	2032.1		
Mockingbird	ACSR	72/7	2034.5		
Customer Specific	ACSR	72/7	1843.2		
Seahawk	ACSR	68/7	1869	**1079**	750
Toutle/TW	ACSR/TW	17/7	795	**1080**	520
Customer Specific	ACSR	48/7	623.8		
Thrasher	ACSR	76/19	2312	**1083**	810
Skylark	ACSR	36/1	1272	**1084**	660
Meadowsweet	ASC	37	600	**1085**	520
Orchid	ASC	37	636		
Violet	ASC	37	715.5		
Nasturtium	ASC	61	715.5		
Arbutus	ASC/TW	17	795		
Baker	ASC/TW	34	795		
Bluebell	ASC	37	1033.5	**1086**	580
Larkspur	ASC	61	1033.5		
Marigold	ASC	61	1113		
Customer Specific	ACSR	42/7	1277.5	**1089**	660
Type 5 (Scissortail)	SDC	34/7	1272		
Deschutes/TW	ACSR/TW	35/7	1519		
Mica - Mica	ACSR	24/7 - 26/7E	666.9-648.2	**1090**	540
Hawthorn	ASC	61	1192.5	**1093**	620
Narcissus	ASC	61	1272		
Hornbill	ACSR	48/7	1590	**1094**	700
Athabasca/TW	ACSR/TW	42/7	1780		
Chukar/TW	ACSR/TW	52/19	1780		
Tern	ACSR	45/7	795	**1095**	580
Type 6.4	SDC	17/7	477	**1097**	500
Emu	ACSR	108/37	3364	**1100**	1302
Coot	ACSR	36/1	795	**1103**	540
Pelican	ACSR	18/1	477	**1112**	500
Osprey	ACSR	18/1	556.5		
Flicker	ACSR	24/7	477	**1113**	500
Parakeet	ACSR/TW	18/7	556.5		
Hen	ACSR	30/7	477	**1114**	520
Heron	ACSR	30/7	500		

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Blue highlighted items are industry standard and most frequently ordered.

TYPE IMPLO™

Full Tension Joints
(Continued)



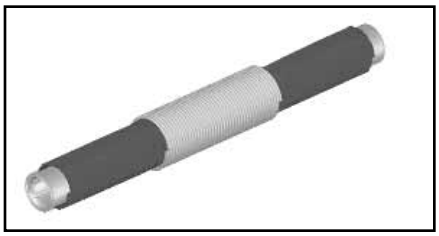
Conductor				Catalog Number	Length (mm)
Code	Type	Strand	kcmil		
Peacock	ACSR	24/7	605	**1117**	520
Duck	ACSR	54/7	605		
Goose	ACSR	54/7	636		
Customer Specific	ACSR	54/7	605		
Parakeet	ACSR	18/7	556.5		
Eagle	ACSR	30/7	556.5	**1118**	520
Squab	ACSR	26/7	605	**1120**	540
Wood Duck	ACSR	30/7	605	**1121**	540
Teal	ACSR	30/19	605		
Scoter	ACSR	30/7	636		
Egret	ACSR	30/19	636		
Kingbird	ACSR	18/1	636	**1123**	520
Swift	ACSR	36/1	636		
Customer Specific	ACSR	18/1-18/7	583.2		
Rogue/TW	ACSR/TW	17/7	954	**1124**	580
Type 7	SDC	21/7	954		
Kettle	ACSR/TW	21/7	954		
Redwing	ACSR	30/19	715.5	**1131**	580
Grand Rapids	ACSR	22/7	685.4	**1133**	540
Type 5	SDC	17/7	795		
Macaw	ACSR	42/7	795		
Catbird	ACSR	36/1	954	**1138**	580
Phoenix	ACSR	42/7	954	**1139**	580
Towhee	ACSR	48/7	954	**1140**	580
Snowbird	ACSR	42/7	1033.5	**1141**	620
4/0	ACSR	6/1	211.6	**1142**	440
Penguin	ACSR	6/1	211.6		
Ostrich	ACSR	26/7	300	**1143**	460
Merlin	AACSR	18/1	336.4		
Partridge	ACSR	26/7	266.8	**1144**	460
Owl	ACSR	6/7	266.8		
Customer Specific	ACSR	22/7	495	**1145**	500
Road Runner	ACSR	76/19	2057	**1146**	800
Dotterel	ACSR	12/7	177 mm	**1147**	440
Canna	ASC	19	397.5	**1149**	480
Cosmos	ASC	19	477		
Neon	AAC	19	210 mm sq.		
Syringa	ASC	37	477		
Zinnia	ASC	19	500	**1150**	500
Hyacinth	ASC	37	500		
Dahlia	ASC	19	556.5		
Mistletoe	ASC	37	556.5		
Arbutus	AAC	37	795	**1157**	540
Phosphorus	AAAC	37	807		
Lilac	AAC	61	795		
Anemone	ASC	37	874.5	**1158**	580
Crocus	ASC	61	874.5		
Magnolia	ASC	37	954		
Golden Rod	ASC	61	954		
Greeley	AAAC	37	927.2		

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Blue highlighted items are industry standard and most frequently ordered.

TYPE IMPLO™

Full Tension Joints
(Continued)



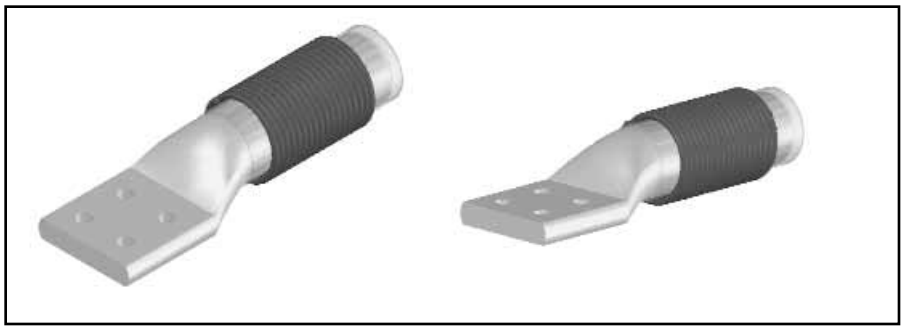
Conductor				Catalog Number	Length (mm)
Code	Type	Strand	kcmil		
Hood	ASC/TW	34	1589	**1165**	660
Sulphur	AASC	61	647 mm sq.		
Columbine	ASC	61	1351.5		
Carnation	AAAC	61	1431	**1166**	680
Gladiolus	ASC	61	1510.5		
Coreopsis	ASC	61	1590		
Moa	ACSR	76/7	1590	**1167**	700
Jessamine	ASC	61	1750	**1169**	700
Cowslip	ASC	91	2000	**1170**	800
Jefferson/TW	AAC/TW	52	2406		
Sagebrush	ASC	91	2250	**1171**	780
Customer Specific	ASC	91	2303		
Bitterroot	ASC	91	2750	**1173**	810
Tulip	ASC	19	336.4	**1174**	460
Daffodil	ASC	19	350		
Laurel	ASC	19	266.8	**1179**	440
Customer Specific	ASC	91	3000	**1182**	780
Customer Specific	ASC	91	3640	**1183**	870
Customer Specific	ASC	91	3500		
Sansum	ACSR	72/37	1273.5	**1190**	700
Customer Specific	ACSR	26/7	932.7	**1192**	620
Customer Specific	ACSR	28/19	1307.4	**1300**	240
Customer Specific	ACSR	69/19	1924	**1301**	950

Blue highlighted items are industry standard and most frequently ordered.

TYPE IMPLO™

Jumper Terminals

IMPLO™ Jumper Terminals accommodate a wide range of ACSR, ACSS, ACSS/TW, ASC, and ASC/TW conductors; and provide a consistent, smooth, high quality installation every time . . . with no tools or dies, 15 degree tap pad standard.



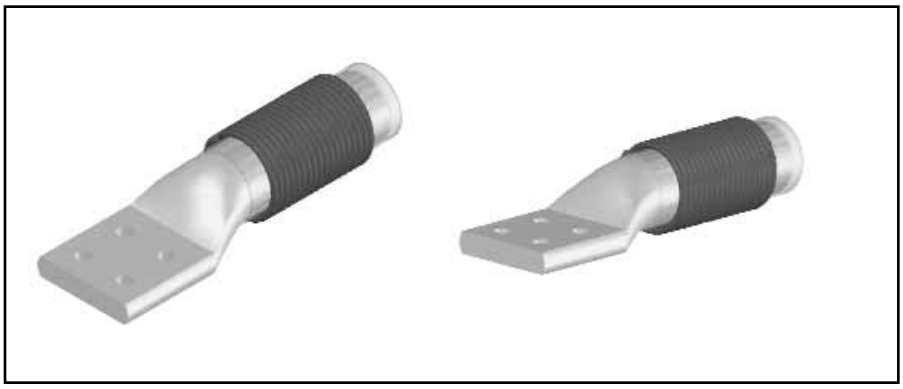
Conductor				Catalog Number	Length (mm)
Code	Type	Strand	kcmil		
Linnet	ACSR	26/7	336.4	3050	95
Oriole	ACSR	30/7	336.4		
Chickadee	ACSR	18/1	397.5		
Brant	ACSR	24/7	397.5		
Ibis	ACSR	26/7	397.5		
Oriole	ACSS	30/7	336.4	3050 ACSS	95
Lark	ACSR	30/7	397.5	3051	95
Hawk	ACSR	26/7	477		
Dove	ACSR	26/7	556.5	3052	120
Customer Specific	ACSR	26/7	585		
Rook	ACSR	24/7	636	3053	135
Flamingo	ACSR	24/7	666.6		
Stilt	ACSR	24/7	715.5		
Crow	ACSR	54/7	715.5		
Gannet	ACSR	26/7	666.6	3054	135
Grosbeak	ACSR	26/7	636		
Type 16 (Crowsnest)	ACSR/SD	—	636		
Customer Specific	ACSR	42/7	971.6	3055	145
Starling	ACSR	26/7	715.5	3056	135
Cuckoo	ACSR	24/7	795		
Condor	ACSR	54/7	795		
Crane	ACSR	54/7	874.5		
Type 13	ACSR/SD	20/7	795		
Drake	ACSR	26/7	795	3057	135
Drake	ACSS	26/7	795		
Cardinal	ACSS/TW	54/7	954		
Type 16	ACSR/SD	22/7	795		
Mallard	ACSR	30/19	795	3058	145
Ruddy	ACSR	45/7	900	3059	145
Rail	ACSR	45/7	954		
Canary	ACSR	54/7	900	3060	145
Canary	ACSS	54/7	900		
Cardinal	ACSR/SD	T.13	954		
Cardinal	ACSR	54/7	954		
Curlew	ACSR	54/7	1033.5	3061	145
Moose	ACSR	54/7	500 mm		
Ortolan	ACSR	45/7	1033.5	3062	145
Bluejay	ACSR	54/7	1113		
Finch	ACSR	54/19	1113	3063	155
Grackle	ACSR	54/19	1192.5	3064	155
Customer Specific	ACSR/TW	56/19	1443.7		
Bunting	ACSR	45/7	1192.5	3065	155
Bittern	ACSR	45/7	1272		
Potomac/TW	ACSR/TW	36/7	1557.4		

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Blue highlighted items are industry standard and most frequently ordered.

TYPE IMPLO™

Jumper Terminals
(Continued)



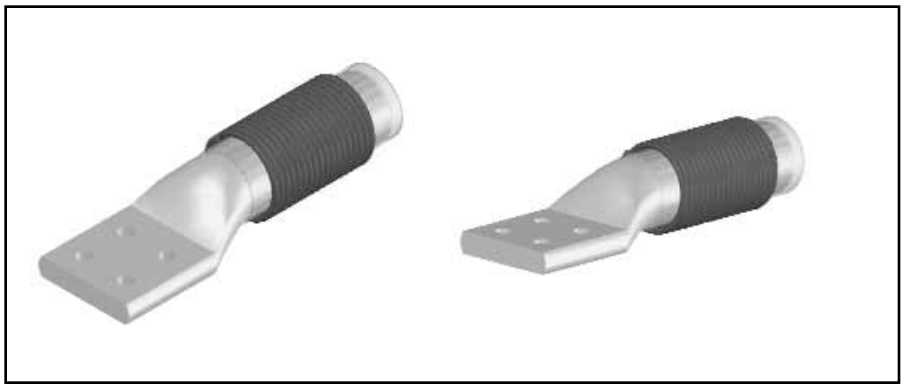
Conductor				Catalog Number	Length (mm)
Code	Type	Strand	kcmil		
Pheasant	ACSR	54/19	1272	**3066**	165
Martin	ACSR	54/19	1351.5		
Dipper	ACSR	45/7	1351.5	**3067**	165
Bobolink	ACSR	45/7	1431		
Plover	ACSR	54/19	1431	**3070**	190
Parrot	ACSR	54/19	1510.5		
Customer Specific	AACSR	26/7	811.5	**3071**	145
Nuthatch	ACSR	45/7	1510.5	**3072**	190
Lapwing	ACSR	45/7	1590		
Type 7 (Keephill)	ACSR/SD	41/7	1590		
Falcon	ACSR	54/19	1590	**3073**	200
Chukar	ACSR	84/19	1780	**3074**	195
Bluebird	ACSR	84/19	2156	**3075**	195
Kiwi	ACSR	72/7	2167	**3076**	195
Nelson	ACSR	72/7	1843.3	**3077**	195
Customer Specific	ACSR	72/7	2032.1		
Mockingbird	ACSR	72/7	2034.5		
Customer Specific	ACSR	72/7	1843.2		
Seahawk	ACSR	68/7	1869	**3079**	195
Toutle/TW	ACSR/TW	17/7	795	**3080**	120
Customer Specific	ACSR	48/7	623.8		
Thrasher	ACSR	76/19	2312	**3083**	240
Skylark	ACSR	36/1	1272	**3084**	155
Meadowsweet	ASC	37	600	**3085**	120
Orchid	ASC	37	636		
Violet	ASC	37	715.5		
Nasturtium	ASC	61	715.5		
Arbutus	ASC/TW	17	795		
Baker	ASC/TW	34	795		
Bluebell	ASC	37	1033.5	**3086**	145
Larkspur	ASC	61	1033.5		
Marigold	ASC	61	1113		
Customer Specific	ACSR	42/7	1277.5	**3089**	155
Type 5 (Scissortail)	SDC	34/7	1272		
Deschutes/TW	ACSR/TW	35/7	1519		
Mica - Mica	ACSR	24/7 - 26/7E	666.9-648.2	**3090**	135
Hawthorn	ASC	61	1192.5	**3093**	145
Narcissus	ASC	61	1272		
Hornbill	ACSR	48/7	1590	**3094**	190
Athabasca/TW	ACSR/TW	42/7	1780		
Chukar/TW	ACSR/TW	52/19	1780		
Tern	ACSR	45/7	795	**3095**	135
Type 6.4	SDC	17/7	477	**3097**	95

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Blue highlighted items are industry standard and most frequently ordered.

TYPE IMPLO™

Jumper Terminals
(Continued)



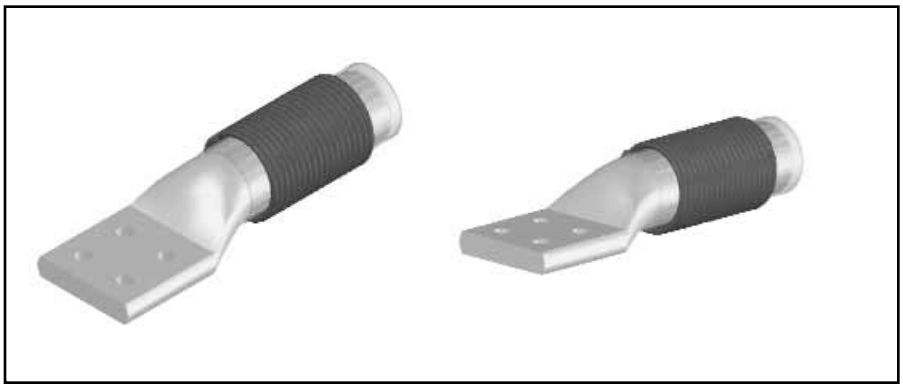
Conductor				Catalog Number	Length (mm)
Code	Type	Strand	kcmil		
Coot	ACSR	36/1	795	**3103**	135
Pelican	ACSR	18/1	477	**3112**	95
Osprey	ACSR	18/1	556.5		
Flicker	ACSR	24/7	477	**3113**	95
Parakeet	ACSR/TW	18/7	556.5		
Hen	ACSR	30/7	477	**3114**	120
Heron	ACSR	30/7	500		
Peacock	ACSR	24/7	605	**3117**	120
Duck	ACSR	54/7	605		
Goose	ACSR	54/7	636		
Customer Specific	ACSR	54/7	605		
Parakeet	ACSR	18/7	556.5		
Eagle	ACSR	30/7	556.5	**3118**	120
Squab	ACSR	26/7	605	**3120**	135
Wood Duck	ACSR	30/7	605	**3121**	135
Teal	ACSR	30/19	605		
Scoter	ACSR	30/7	636		
Egret	ACSR	30/19	636		
Kingbird	ACSR	18/1	636	**3123**	120
Swift	ACSR	36/1	636		
Customer Specific	ACSR	18/1-18/7	583.2		
Rogue/TW	ACSR/TW	17/7	954	**3124**	135
Type 7	SDC	21/7	954		
Kettle	ACSR/TW	21/7	954		
Redwing	ACSR	30/19	715.5	**3131**	137
Grand Rapids	ACSR	22/7	685.4	**3133**	135
Type 5	SDC	17/7	795		
Macaw	ACSR	42/7	795		
Catbird	ACSR	36/1	954	**3138**	135
Phoenix	ACSR	42/7	954	**3139**	145
Towhee	ACSR	48/7	954	**3140**	135
Snowbird	ACSR	42/7	1033.5	**3141**	145
4/0	ACSR	6/1	211.6	**3142**	90
Penguin	ACSR	6/1	211.6		
Ostrich	ACSR	26/7	300	**3143**	90
Merlin	AACSR	18/1	336.4		
Partridge	ACSR	26/7	266.8	**3144**	90
Owl	ACSR	6/7	266.8		
Customer Specific	ACSR	22/7	490	**3145**	95
Road Runner	ACSR	76/19	2057	**3146**	195
Dotterel	ACSR	12/7	177 mm	**3147**	90

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Blue highlighted items are industry standard and most frequently ordered.

TYPE IMPLO™

Jumper Terminals
(Continued)



Conductor				Catalog Number	Length (mm)
Code	Type	Strand	kcmil		
Canna	ASC	19	397.5	**3149**	95
Cosmos	ASC	19	477		
Neon	AAC	19	210 mm sq.		
Syringa	ASC	37	477		
Zinnia	ASC	19	500	**3150**	95
Hyacinth	ASC	37	500		
Dahlia	ASC	19	556.5		
Mistletoe	ASC	37	556.5		
Arbutus	AAC	37	795	**3157**	135
Phosphorus	AAAC	37	807		
Lilac	AAC	61	795		
Anemone	ASC	37	874.5	**3158**	135
Crocus	ASC	61	874.5		
Magnolia	ASC	37	954		
Golden Rod	ASC	61	954		
Greeley	AAAC	37	927.2		
Hood	ASC/TW	34	1589	**3165**	155
Sulphur	AASC	61	647 mm sq.		
Columbine	ASC	61	1351.5		
Carnation	AAAC	61	1431	**3166**	165
Gladiolus	ASC	61	1510.5		
Coreopsis	ASC	61	1590		
Moa	ACSR	76/7	1590	**3167**	190
Jessamine	ASC	61	1750	**3169**	190
Cowslip	ASC	91	2000	**3170**	195
Jefferson/TW	AAC/TW	52	2406		
Sagebrush	ASC	91	2250	**3171**	195
Customer Specific	ASC	91	2303		
Bitterroot	ASC	91	2750	**3173**	240
Tulip	ASC	19	336.4	**3174**	90
Daffodil	ASC	19	350		
Laurel	ASC	19	266.8	**3179**	90
Customer Specific	ASC	91	3000	**3182**	240
Customer Specific	ASC	91	3640	**3183**	320
Customer Specific	ASC	91	3500		
Sansum	ACSR	72/37	1273.5	**3190**	190
Customer Specific	ACSR	26/7	932.7	**3192**	145
Customer Specific	ACSR	28/19	1307.4	**3300**	
Customer Specific	ACSR	69/19	1924	**3301**	195

Blue highlighted items are industry standard and most frequently ordered.

TYPE IMPLO™

Repair Sleeve

IMPLO™ Repair Sleeves accommodate a wide range of ACSR, ACSS, ACSS/TW, ASC, and ASC/TW conductors; and provide a consistent, smooth, high quality installation every time . . . with no tools or dies.



Conductor				Catalog Number	Length (mm)
Code	**Type**	**Strand**	**kcmil**		
Linnet	ACSR	26/7	336.4	**9050**	406
Oriole	ACSR	30/7	336.4		
Chickadee	ACSR	18/1	397.5		
Brant	ACSR	24/7	397.5		
Ibis	ACSR	26/7	397.5		
Oriole	ACSS	30/7	336.4	**9050 ACSS**	406
Lark	ACSR	30/7	397.5	**9051**	406
Hawk	ACSR	26/7	477		
Dove	ACSR	26/7	556.5	**9052**	406
Customer Specific	ACSR	26/7	585		
Rook	ACSR	24/7	636	**9053**	406
Flamingo	ACSR	24/7	666.6		
Stilt	ACSR	24/7	715.5		
Crow	ACSR	54/7	715.5		
Gannet	ACSR	26/7	666.6	**9054**	406
Grosbeak	ACSR	26/7	636		
Type 16 (Crowsnest)	ACSR/SD	—	636		
Customer Specific	ACSR	42/7	971.6	**9055**	406
Starling	ACSR	26/7	715.5	**9056**	406
Cuckoo	ACSR	24/7	795		
Condor	ACSR	54/7	795		
Crane	ACSR	54/7	874.5		
Type 13	ACSR/SD	20/7	795		
Drake	ACSR	26/7	795	**9057**	406
Drake	ACSS	26/7	795		
Cardinal	ACSS/TW	54/7	954		
Type 16	ACSR/SD	22/7	795		
Mallard	ACSR	30/19	795	**9058**	406
Ruddy	ACSR	45/7	900	**9059**	406
Rail	ACSR	45/7	954		
Canary	ACSR	54/7	900	**9060**	406
Canary	ACSS	54/7	900		
Cardinal	ACSR/SD	T.13	954		
Cardinal	ACSR	54/7	954		
Curlew	ACSR	54/7	1033.5	**9061**	406
Moose	ACSR	54/7	500 mm		
Ortolan	ACSR	45/7	1033.5	**9062**	
Bluejay	ACSR	54/7	1113		
Finch	ACSR	54/19	1113	**9063**	
Grackle	ACSR	54/19	1192.5	**9064**	406
Customer Specific	ACSR/TW	56/19	1443.7		
Bunting	ACSR	45/7	1192.5	**9065**	406
Bittern	ACSR	45/7	1272		
Potomac/TW	ACSR/TW	36/7	1557.4		
Pheasant	ACSR	54/19	1272	**9066**	406
Martin	ACSR	54/19	1351.5		

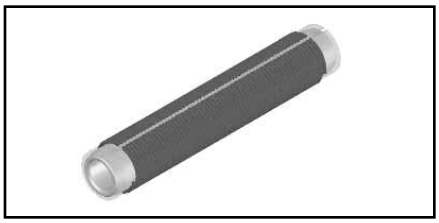
Note: Repair Sleeves are generally supplied in one of 2 lengths: 406 mm and 460 mm, as appropriate.

Repair Sleeves for T-Taps can be supplied for any conductor requirement, as above. Dimensions may vary.

Blue highlighted items are industry standard and most frequently ordered.

TYPE IMPLO™

Repair Sleeve
(Continued)



Conductor				Catalog Number	Length (mm)
Code	Type	Strand	kcmil		
Dipper	ACSR	45/7	1351.5	**9067**	460
Bobolink	ACSR	45/7	1431		
Plover	ACSR	54/19	1431	**9070**	460
Parrot	ACSR	54/19	1510.5		
Customer Specific	AACSR	26/7	811.5	**1071**	406
Nuthatch	ACSR	45/7	1510.5	**9072**	406
Lapwing	ACSR	45/7	1590		
Type 7 (Keephill)	ACSR/SD	41/7	1590		
Falcon	ACSR	54/19	1590	**9073**	406
Chukar	ACSR	84/19	1780	**9074**	406
Bluebird	ACSR	84/19	2156	**9075**	460
Kiwi	ACSR	72/7	2167	**9076**	460
Nelson	ACSR	72/7	1843.3	**9077**	406
Customer Specific	ACSR	72/7	2032.1		460
Mockingbird	ACSR	72/7	2034.5		460
Customer Specific	ACSR	72/7	1843.2		406
Seahawk	ACSR	68/7	1869	**9079**	406
Toutle/TW	ACSR/TW	17/7	795	**9080**	406
Customer Specific	ACSR	48/7	623.8		
Thrasher	ACSR	76/19	2312	**9083**	
Skylark	ACSR	36/1	1272	**9084**	406
Meadowsweet	ASC	37	600	**9085**	406
Orchid	ASC	37	636		
Violet	ASC	37	715.5		
Nasturtium	ASC	61	715.5		
Arbutus	ASC/TW	17	795		
Baker	ASC/TW	34	795		
Bluebell	ASC	37	1033.5	**9086**	406
Larkspur	ASC	61	1033.5		
Marigold	ASC	61	1113		
Customer Specific	ACSR	42/7	1277.5	**9089**	406
Type 5 (Scissortail)	SDC	34/7	1272		
Deschutes/TW	ACSR/TW	35/7	1519		
Mica - Mica	ACSR	24/7 - 26/7E	666.9-648.2	**9090**	406
Hawthorn	ASC	61	1192.5	**9093**	406
Narcissus	ASC	61	1272		
Hornbill	ACSR	48/7	1590	**9094**	406
Athabasca/TW	ACSR/TW	42/7	1780		
Chukar/TW	ACSR/TW	52/19	1780		
Tern	ACSR	45/7	795	**9095**	406
Type 6.4	SDC	17/7	477	**9097**	406
Emu	ACSR	108/37	3364	**9100**	700
Coot	ACSR	36/1	795	**9103**	406
Pelican	ACSR	18/1	477	**9112**	406
Osprey	ACSR	18/1	556.5		
Flicker	ACSR	24/7	477	**9113**	406
Parakeet	ACSR/TW	18/7	556.5		
Hen	ACSR	30/7	477	**9114**	406
Heron	ACSR	30/7	500		

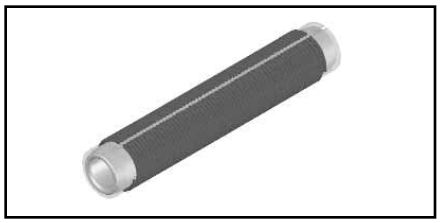
Note: Repair Sleeves are generally supplied in one of 2 lengths: 406 mm and 460 mm, as appropriate.

Repair Sleeves for T-Taps can be supplied for any conductor requirement, as above. Dimensions may vary.

Blue highlighted items are industry standard and most frequently ordered.

TYPE IMPLO™

Repair Sleeve
(Continued)



Conductor				Catalog Number	Length (mm)
Code	Type	Strand	kcmil		
Peacock	ACSR	24/7	605	**9117**	406
Duck	ACSR	54/7	605		
Goose	ACSR	54/7	636		
Customer Specific	ACSR	54/7	605		
Parakeet	ACSR	18/7	556.5		
Eagle	ACSR	30/7	556.5	**9118**	406
Squab	ACSR	26/7	605	**9120**	406
Wood Duck	ACSR	30/7	605	**9121**	406
Teal	ACSR	30/19	605		
Scoter	ACSR	30/7	636		
Egret	ACSR	30/19	636		
Kingbird	ACSR	18/1	636	**9123**	406
Swift	ACSR	36/1	636		
Customer Specific	ACSR	18/1-18/7	583.2		
Rogue/TW	ACSR/TW	17/7	954	**9124**	406
Type 7	SDC	21/7	954		
Kettle	ACSR/TW	21/7	954		
Redwing	ACSR	30/19	715.5	**9131**	406
Grand Rapids	ACSR	22/7	685.4	**9133**	406
Type 5	SDC	17/7	795		
Macaw	ACSR	42/7	795		
Catbird	ACSR	36/1	954	**9138**	406
Phoenix	ACSR	42/7	954	**9139**	406
Towhee	ACSR	48/7	954	**9140**	406
Snowbird	ACSR	42/7	1033.5	**9141**	406
4/0	ACSR	6/1	211.6	**9142**	406
Penguin	ACSR	6/1	211.6		
Ostrich	ACSR	26/7	300	**9143**	406
Merlin	AACSR	18/1	336.4		
Partridge	ACSR	26/7	266.8	**9144**	406
Owl	ACSR	6/7	266.8		
Customer Specific	ACSR	22/7	490	**9145**	406
Road Runner	ACSR	76/19	2057	**9146**	406
Dotterel	ACSR	12/7	177 mm	**9147**	406
Canna	ASC	19	397.5	**9149**	406
Cosmos	ASC	19	477		
Neon	AAC	19	210 mm sq.		
Syringa	ASC	37	477		
Zinnia	ASC	19	500	**9150**	406
Hyacinth	ASC	37	500		
Dahlia	ASC	19	556.5		
Mistletoe	ASC	37	556.5		
Arbutus	AAC	37	795	**9157**	406
Phosphorus	AAAC	37	807		
Lilac	AAC	61	795		

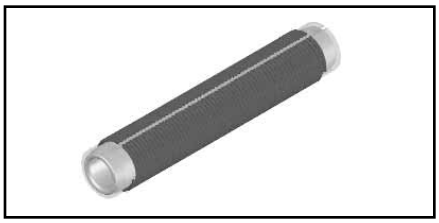
Note: Repair Sleeves are generally supplied in one of 2 lengths: 406 mm and 460 mm, as appropriate.

Repair Sleeves for T-Taps can be supplied for any conductor requirement, as above. Dimensions may vary.

Blue highlighted items are industry standard and most frequently ordered.

TYPE IMPLO™

Repair Sleeve
(Continued)



Conductor				Catalog Number	Length (mm)
Code	Type	Strand	kcmil		
Anemone	ASC	37	874.5	**9158**	406
Crocus	ASC	61	874.5		
Magnolia	ASC	37	954		
Golden Rod	ASC	61	954		
Greeley	AAAC	37	927.2		
Hood	ASC/TW	34	1589	**9165**	406
Sulphur	AASC	61	647 mm sq.		
Columbine	ASC	61	1351.5		
Carnation	AAAC	61	1431	**9166**	460
Gladiolus	ASC	61	1510.5		
Coreopsis	ASC	61	1590		
Moa	ACSR	76/7	1590	**9167**	406
Jessamine	ASC	61	1750	**9169**	406
Cowslip	ASC	91	2000	**9170**	406
Jefferson/TW	AAC/TW	52	2406		
Sagebrush	ASC	91	2250	**9171**	406
Customer Specific	ASC	91	2303		
Bitterroot	ASC	91	2750	**9173**	460
Tulip	ASC	19	336.4	**9174**	406
Daffodil	ASC	19	350		
Laurel	ASC	19	266.8	**9179**	406
Customer Specific	ASC	91	3000	**9182**	
Customer Specific	ASC	91	3640	**9183**	460
Customer Specific	ASC	91	3500		
Sansum	ACSR	72/37	1273.5	**9190**	406
Customer Specific	ACSR	26/7	932.7	**9192**	406
Customer Specific	ACSR	28/19	1307.4	**9300**	406
Customer Specific	ACSR	69/19	1924	**9301**	406

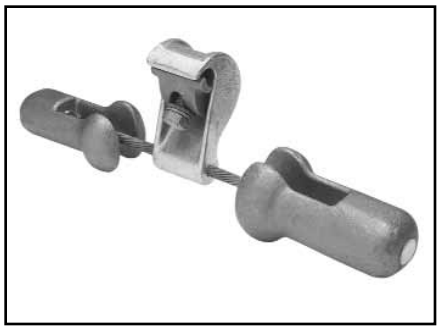
Note: Repair Sleeves are generally supplied in one of 2 lengths: 406 mm and 460 mm, as appropriate. Repair Sleeves for T-Taps can be supplied for any conductor requirement, as above. Dimensions may vary.

Blue highlighted items are industry standard and most frequently ordered.

TYPE TDM-RG1

Stockbridge Damper

The Stockbridge Damper is designed to enhance conductor life by lessening potential vibration-induced fatigue.



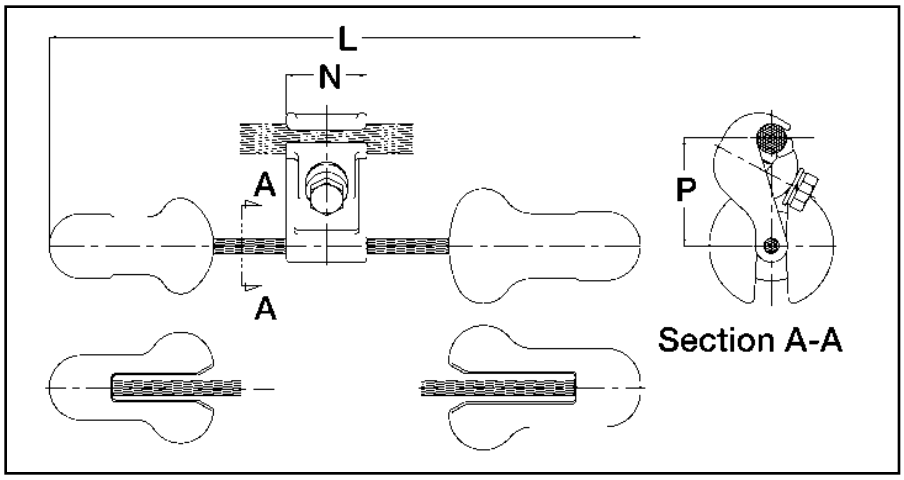
Standards

The Stockbridge Dampers meet the following standards:

- **IEC 61897** Overhead lines—Requirements and Test for Stockbridge Aeolian Vibration Dampers.
- **IEEE Std 664-1993** IEEE Guide for Laboratory Measurement of the Power Dissipation Characteristics of Aeolian Vibration Dampers for Single Conductors.

Features and Benefits

- Clamps designed around common conductor sizes
  - ◊ Ease of specification
- Single bolt design
  - ◊ Ease of installation
  - ◊ Single wrench installation
- Accurate components assembly represents greater energy dissipation
  - ◊ Provides extended life for overhead lines
- Messenger cable and weights have a corrosion resistant finish
  - ◊ Weight design eliminates water entrapment
  - ◊ Smooth surfaces and rounded edges to eliminate possible corona discharge



Conductors: ACSR, AAC, ACAR/Static Wires (Galvanized Steel, Alumoweld, Copperweld)							
Catalog Number	**Clamp Diameter Range**	**N**	**P**	**L**	**Wrench Size**	**Tightening Torque**	**Weight**
TDM99RG1	Ø 0.24″ – Ø 0.61″ (6 mm – 15.5 mm)	1.70″ 43 mm	2.20″ 56 mm	12.20″ 310 mm	7/16″ 11.17 mm	265 in.-lb. 3.0 daN.m	3.7 lb. (1.68 kg)
TDM177RG1	Ø 0.59″ – Ø 0.79″ (15 mm – 20 mm)	2.00″ 51 mm	3.00″ 76 mm	14.40″ 365 mm	1/2″ 12.70 mm	355 in.-lb. 4.0 daN.m	6.2 lb. (2.81 kg)
TDM177RG2	Ø 0.71″ – Ø 1.18″ (18 mm – 30 mm)	2.00″ 51 mm	3.60″ 91 mm	14.40″ 365 mm	5/8″ 16 mm	530 in.-lb. 6.0 daN.m	6.4 lb. (2.9 kg)
TDM210RG1	Ø 0.79″ – Ø 1.11″ (20 mm – 28.2 mm)	2.40″ 60 mm	3.20″ 81 mm	19.70″ 500 mm	5/8″ 16 mm	530 in.-lb. 6.0 daN.m	9.5 lb. (4.30 kg)
TDM210RG2	Ø 1.30″ – Ø 1.50″ (33 mm – 38.1 mm)	2.40″ 60 mm	3.75″ 95 mm	19.70″ 500 mm	5/8″ 16 mm	530 in.-lb. 6.0 daN.m	9.9 lb. (4.50 kg)
TDM246RG1	Ø 0.71″ – Ø 1.18″ (18 mm – 30 mm)	2.70″ 68 mm	3.60″ 91 mm	21.00″ 534 mm	5/8″ 16 mm	530 in.-lb. 6.0 daN.m	13.2 lb. (5.99 kg)
TDM330RG1	Ø 1.18″ – Ø 1.26″ (30 mm – 32 mm)	2.70″ 68 mm	3.60″ 91 mm	21.00″ 535 mm	5/8″ 16 mm	530 in.-lb. 6.0 daN.m	13.2 lb. (5.99 kg)
TDM393RG1	Ø 1.26″ – Ø 1.54″ (32 mm – 39 mm)	2.70″ 68 mm	3.75″ 95 mm	21.00″ 534 mm	5/8″ 16 mm	530 in.-lb. 6.0 daN.m	13.5 lb. (6.12 kg)
TDM430RG1	Ø 1.54″ – Ø 1.85″ (39 mm – 47 mm)	2.70″ 68 mm	4.09″ 104 mm	21.00″ 534 mm	5/8″ 16 mm	530 in.-lb. 6.0 daN.m	14.0 lb. (6.35 kg)

For installation point contact factory at numbers below.

Blue highlighted items are industry standard and most frequently ordered.

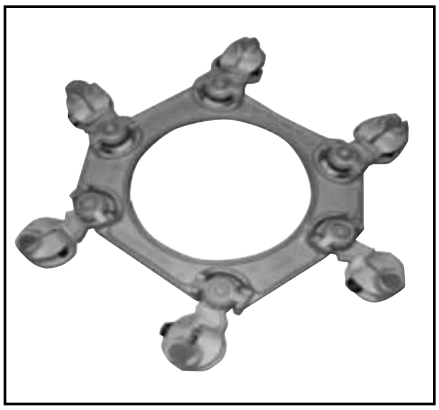
TYPE S-D-R-SG

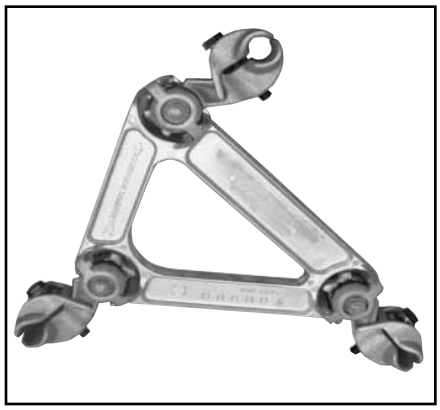
Spacer Damper

Since the 1960's BURNDY® Spacer Dampers have been used on bundled conductor transmission lines around the world. Over 850,000 units have been installed on over 40,000 phase miles of conductor. Projects have included 2, 3, 4 and 6 bundle arrangements at voltage levels from 230 kV to 800 kV AC and up to +/-600 kV DC.

BURNDY® motion control products are engineered per customer requirements and industry standards. Our engineering team has the experience and technology to provide the proper motion control answers to your bundled conductor transmission line projects.

Our history of design, testing and field installation experience enables us to provide Spacer Damper products along with placement recommendations for optimum performance.





Conductors: ACSR, AAC, ACAR						
Catalog Number	**Bundle Size**	**Conductor kcmil**	**Conductor Diameter**	**Spacing**	**Wrench Size**	**Tightening Torque**
S2D451R-SG1	2	795	1.107″ 28.1 mm	18″ 457 mm	5/8″ 16 mm	55 ft.-lb. 74.6 daN.m
S3D451R-SG1	3	795	1.107″ 28.1 mm	18″ 457 mm	5/8″ 16 mm	55 ft.-lb. 74.6 daN.m
S3D55R-SG1	3	1590	1.54″ 39 mm	18″ 457 mm	5/8″ 16 mm	55 ft.-lb. 74.6 daN.m
S4D48R-SG1	4	954	1.196″ 30.4 mm	18″ 457 mm	5/8″ 16 mm	55 ft.-lb. 74.6 daN.m
S6D441R-SG1	6	957	1.06″ 26.9 mm	30″ Dia. 762 mm	5/8″ 16 mm	55 ft.-lb. 74.6 daN.m

In most cases Spacer Dampers are custom designed for the specific transmission line requirements. Contact the factory for more information.
For installation points per span contact factory.

Information for Damping Study

Customer Contact:

Customer Name _____

Telephone/Email _____

Project Name _____

Request Date _____

Project Start Date _____

Stockbridge Damper ☐ **Spacer Damper** ☐

Conductor Information

Line Voltage _____

Number of Phases _____

Number of Conductors per Phase _____

Total Circuit Miles _____

Conductor Name/Size

(i.e., Drake 795 26/7)

Cable Name

AAC	AAAC	ACSR	ACAR	ACCC	ACSS	Steel	Other	Trapezoidal
☐	☐	☐	☐	☐	☐	☐	☐	☐

Armor Rod Length ☐ Diameter ☐ Type: AR _____ AGS _____

Wind

Laminar _____

With small turbulences _____

With turbulences _____

Prevailing wind direction relative to line _____

Wind (mph) _____

Environment

Flat country (deserts, lakes) _____

Valley with small vegetation _____

Trees & Mountains _____

Special conditions (river crossings, etc.) _____

Temperature (F): Average ☐ Minimum ☐

Ice Condition — *specify loading zone:* _____

Ice (inches) ☐

Span

Ruling Span (ft) _____

Maximum Span Length (ft) _____

Optional to list Spans: 600, 950, 450, etc. _____

Tension

Design Tension — lbs. ☐

Additional Comments: _____

THE WEJTAP™ SYSTEM

FOR ELECTRIC UTILITY DISTRIBUTION AND TRANSMISSION CONNECTIONS



Blue highlighted items are industry standard and most frequently ordered.

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WEJTAP™
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Blue highlighted items are industry standard and most frequently ordered.

BURNDY WEJTAP™

CONNECTION SYSTEM

BURNDY®, a leading manufacturer of quality electrical connectors for over 70 years, introduces the WEJTAP™ SYSTEM, a system that adds further dimension to the existing BURNDY® group of proven, reliable connection systems.

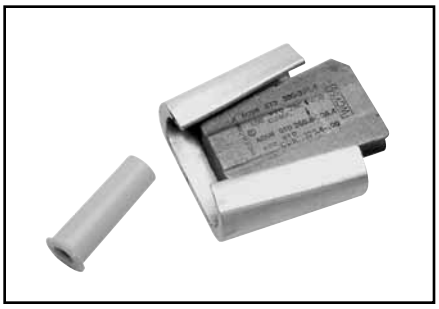
WEJTAP™ COMPONENTS are designed to provide a reliable system connection. The system consists of WEJTAP™ connectors, installation tools (including a variety of hotline and lineman accessories) and a unique power-booster.

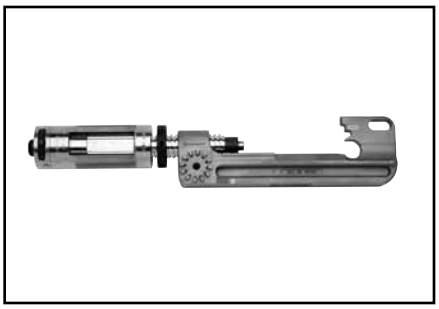
WEJTAP™ CONNECTORS use an aluminum alloy wedge that is power-driven between the run and the tap cables locking them into a "C" shaped tempered aluminum alloy spring-body. The spring-body maintains consistent pressure throughout the life of the connection to ensure reliability during severe electrical and climatic conditions. The wedge's wiping action combined with factory installed PENTX 1530 provides superior contact integrity. The wedge is automatically locked onto the spring-body by a skiving action produced by a lance at the forward end of the WEJTAP™ installation tool.

THE WEJTAP™ TOOL is a one-piece assembly that consists of a head and power unit. Two color-coded interchangeable heads accept all WEJTAP™ connectors and STIR-RUP™. The design of the tool recognizes the need for simplicity and speed of operation as well as outstanding safety features such as automatic gas release vented away from the operator, fast simple breech loading and fast advance when engaging the connector assembly. No loose parts to drop or misplace and a booster ejection system that provides further safety to the operator. Fewer simplified hotline devices and handy lineman accessories complete an outstanding tool package.

THE WEJTAP™ POWER-BOOSTER Patented is a self-contained device that provides the force necessary to drive the wedge into direct contact with the conductors. The booster is activated only when properly positioned in the tool assembly. A power cell in the booster is recessed to guard against premature discharge. The tool/booster system is designed to activate and deactivate the booster automatically should the operator decide to remove the tool from a connector prior to completing the installation. The deactivated booster may be safely removed from the tool.







Features and Benefits

- Large conductor chamfer on ends of wedge.
  - ◊ Instant hand or visual identification of large run grooves. Ensures correct wedge orientation.
- Color-coded WEJTAP™ connector and booster packaged together.
  - ◊ Easy selection by installer.
- Factory coated grooves with PENTX 1530.
  - ◊ Maintains low contact resistance, assists in protection against climatic conditions and is compatible with common insulations.
- One-piece tool.
  - ◊ No project delays due to dropped or lost parts.
- Fewer and improved hotstick accessories
  - ◊ Simplifies hotline installation and saves time.
- Contained booster ejection system.
  - ◊ Safe for operator guards against the booster being ejected in direction of the installer.
- Automatic gas release vented away from operator.
  - ◊ Eliminates manual gas venting and improves safety.
- Simplified loading.
  - ◊ Speeds installation—no threads—just depress safety bar, twist and pull open—load—push and twist to close prior to applying connector.
- Acme-type threads.
  - ◊ Provides smooth, fast engagement of tool and connector-saves installer's time.

Blue highlighted items are industry standard and most frequently ordered.

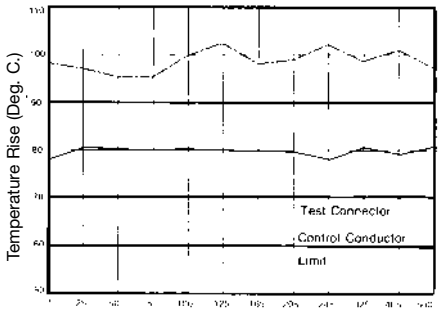
WEJTAP™ AND TEST DATA

WEJTAP™ connectors have been subjected to extensive tests simulating the most severe service and weather conditions. In addition. the WEJTAP™ system meets or exceeds the industry standards of ANSI C119.4 Class 3, NEMA CC3 1973 Class AA, 500 Heat Cycles.

As with all BURNDY® connectors, the WEJTAP™ has been designed to operate cooler than the attached conductors. The WEJTAP™ connectors have also been subjected to the ASTM B117-73 Salt Spray Test. The results are shown to the right.

ANSI C119.4 - 1986 Heat Cycle Test

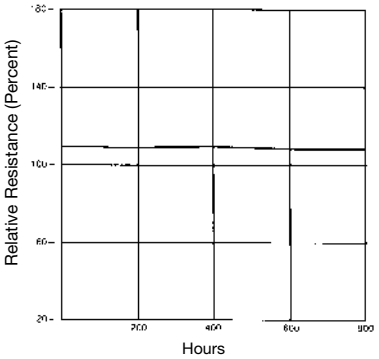
Average Temperature Rise vs. Current Cycles



Detailed test report packages are available upon request.

ASTM Salt Spray Test

Average % Relative Resistance vs. Hours of Salt Spray Exposure



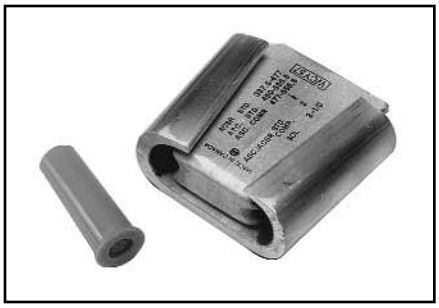
WEJTAP™

C-member bodies are color-coded and the wedges are marked with nominal conductor run and tap ranges. WEJTAP™ connector packages are labeled with a variety of common conductors with their nominal ranges.

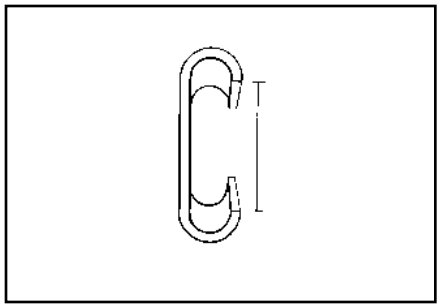
- WEJTAP™ connector wedges are marked with nominal ACSR, Aluminum and Copper concentric standard conductors.
- Red WEJTAP™ connector range Run 8-1/0 Tap 8-2
- Blue WEJTAP™ connector range Run 2-300 Tap 6-300
- Yellow WEJTAP™ connector range Run 266.8-1590 Tap 6-1590

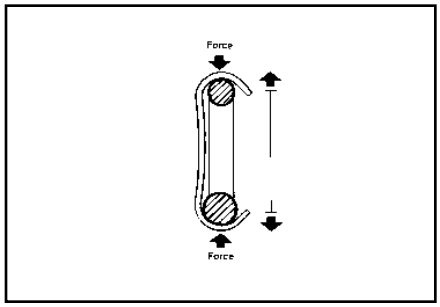
All WEJTAP™ wedges contain a clearly defined chamfer on the large end of the run conductor groove to identify the “large run” groove. Installers will appreciate the convenience of visual or hand identification for correct wedge positioning.

WEJTAP™ wedges are driven between the run and tap conductors and activate the spring characteristics of the “C” shaped body. This action maintains contact pressure even when the connection is subjected to severe climatic and electrical conditions.



RUS Accepted



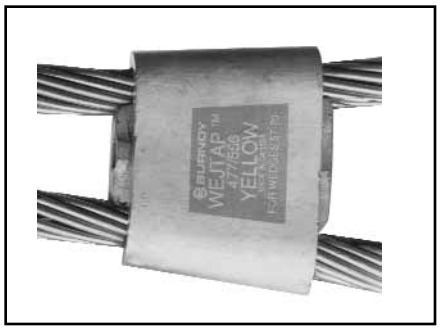


Blue highlighted items are industry standard and most frequently ordered.

The BURNDY® WEJTAP™ System has a wide variety of connectors available for many different conductor ranges.

Color coded boosters and connectors ensure proper matching during installation.

The BURNDY® Power Booster is designed and engineered for the highest reliability and safety. Proven rimfire design means misfires are almost nonexistent. Close manufacturing component tolerances provide maximum resistance to moisture or submersion.





ORDERING INFORMATION

■ Power boosters may be ordered separately in boxes of 25.

Red boosters	Cat. # **WPBRN Box 25**
Blue boosters	Cat. # **WPBBN Box 25**
Yellow boosters	Cat. # **WPBYN Box 25**

Select appropriate connector from pages J-6 - J-10. Match with equal number of color coded boosters (see below).

WPB—Red, Blue, Yellow Boosters

For information about conductors which are not listed, and for further ordering information, please contact BURNDY® at 1-800-346-4175.

J-5

WEJTAP™ COVER

WEJTAP™ Covers are installed on WEJTAP™ connectors to prevent them from coming in contact with other taps or exposed ground points. The covers are rugged snap-on devices available in four sizes to cover all connector sizes.



Cover Catalog Number	WEJTAP™ Size	Nominal Conductor Range		Cover Color
		Run	Tap	
WCCR	Small Old Style Red	8 - 1/0	8 - 2	Black Weather Rated
WCCB	Red & Blue	2 - 300	6 - 300	
WCCSY	Small (Yellow)	300 - 556.5	6 - 556.5	
WCCLY	Large (Yellow)	556.5 - 1033.5	556.5 - 1033.5	

Blue highlighted items are industry standard and most frequently ordered.

BURNDY WEJTAP™ SELECTION CHART

By Diameter

Catalog Number	Sum of Diameters		Run		Tap	
	Max	Min	Max	Min	Max	Min
Installed with red booster						
WCR29	0.723	0.584	0.398	0.257	0.398	0.257
WCR30	0.649	0.516	0.398	0.257	0.325	0.206
WCR31	0.602	0.464	0.398	0.257	0.258	0.162
WCR32	0.530	0.410	0.326	0.204	0.258	0.162
WCR33	0.459	0.331	0.258	0.169	0.230	0.162
WCR34	0.324	0.256	0.162	0.128	0.162	0.128
WCR35	0.560	0.452	0.398	0.257	0.162	0.128
WCR36	0.487	0.387	0.398	0.257	0.162	0.128
WCR37	0.416	0.297	0.258	0.169	0.162	0.128
Installed with blue booster						
WCB10	0.795	0.621	0.482	0.316	0.437	0.257
WCB11	0.901	0.763	0.568	0.364	0.457	0.257
WCB12	0.707	0.526	0.568	0.364	0.204	0.162
WCB13	0.761	0.600	0.568	0.364	0.258	0.204
WCB14	0.839	0.690	0.568	0.364	0.398	0.257
WCB15	0.769	0.622	0.568	0.364	0.204	0.162
WCB16	0.823	0.664	0.568	0.364	0.258	0.204
WCB17	0.963	0.804	0.568	0.364	0.464	0.257
WCB18	1.011	0.867	0.568	0.364	0.572	0.364
WCB19	1.068	0.938	0.568	0.364	0.572	0.379
WCB20	1.130	0.975	0.568	0.364	0.572	0.386
WCB21	0.846	0.711	0.650	0.532	0.204	0.162
WCB22	0.900	0.765	0.650	0.532	0.258	0.204
WCB23	0.972	0.818	0.650	0.532	0.330	0.257
WCB24	1.052	0.897	0.650	0.532	0.500	0.324
WCB25	1.104	0.963	0.650	0.532	0.562	0.364
WCB26	1.163	1.015	0.650	0.532	0.562	0.409
WCB27	1.221	1.080	0.650	0.532	0.575	0.460
WCB28	1.284	1.141	0.650	0.532	0.650	0.525
WCB40	0.888	0.762	0.684	0.603	0.204	0.162
WCB41	0.942	0.794	0.684	0.600	0.258	0.204
WCB42	1.011	0.857	0.684	0.600	0.333	0.257
WCB43	1.094	0.936	0.684	0.600	0.500	0.324
WCB44	1.146	1.009	0.684	0.600	0.562	0.364
WCB45	1.204	1.057	0.684	0.600	0.562	0.409
WCB46	1.284	1.119	0.684	0.600	0.592	0.460
WCB47	1.368	1.188	0.684	0.600	0.684	0.600
Installed with yellow booster						
WCY48	0.932	0.765	0.750	0.537	0.204	0.162
WCY49	1.012	0.807	0.750	0.537	0.271	0.203
WCY50	1.069	0.860	0.750	0.537	0.355	0.257
WCY51	1.141	0.927	0.750	0.537	0.557	0.324

Blue highlighted items are industry standard and most frequently ordered.

BURNDY WEJTAP™ SELECTION CHART

By Diameter

Catalog Number	Sum Of Diameters		Run		Tap	
	Max.	Min.	Max.	Min.	Max.	Min.
Installed with yellow booster						
WCY52	1.190	1.001	0.750	0.537	0.588	0.364
WCY53	1.236	1.012	0.750	0.537	0.619	0.409
WCY54	1.302	1.063	0.750	0.537	0.630	0.46
WCY55	1.370	1.140	0.750	0.537	0.714	0.499
WCY56	1.456	1.245	0.750	0.537	0.750	0.524
WCY57	1.190	0.979	0.893	0.666	0.326	0.257
WCY58	1.087	0.931	0.893	0.666	0.258	0.198
WCY59	1.061	0.891	0.893	0.666	0.199	0.162
WCY60	1.854	1.686	0.950	0.722	0.950	0.722
WCY61	1.741	1.524	0.940	0.683	0.940	0.666
WCY62	1.594	1.379	0.940	0.683	0.750	0.573
WCY63	1.500	1.297	0.940	0.683	0.750	0.481
WCY64	1.421	1.216	0.940	0.683	0.650	0.436
WCY65	1.360	1.147	0.940	0.683	0.562	0.382
WCY66	1.305	1.097	0.940	0.683	0.562	0.336
WCY67	1.270	1.054	0.940	0.683	0.450	0.315
WCY68	1.253	1.115	0.940	0.683	0.326	0.257
WCY69	1.187	1.059	0.940	0.683	0.262	0.204
WCY70	1.130	1.013	0.940	0.683	0.204	0.162
WCY71	2.216	2.074	1.133	0.907	1.156	0.947
WCY72	2.133	1.999	1.133	0.907	1.142	0.927
WCY73	2.098	1.946	1.133	0.907	1.142	0.907
WCY74	2.035	1.891	1.133	0.907	1.142	0.858
WCY75	1.969	1.822	1.133	0.889	0.927	0.763
WCY76	1.901	1.741	1.133	0.889	0.900	0.700
WCY77	1.829	1.677	1.133	0.889	0.750	0.575
WCY78	1.750	1.599	1.133	0.889	0.729	0.525
WCY79	1.670	1.526	1.133	0.889	0.722	0.364
WCY80	1.610	1.466	1.133	0.889	0.608	0.364
WCY81	1.555	1.411	1.133	0.889	0.608	0.364
WCY82	1.506	1.362	1.133	0.889	0.436	0.324
WCY83	1.440	1.288	1.133	0.889	0.398	0.257
WCY84	1.369	1.221	1.133	0.889	0.333	0.203
WCY85	1.306	1.158	1.133	0.889	0.258	0.162
WCY86	2.496	2.332	1.250	0.893	1.250	0.999
WCY87	2.418	2.251	1.250	0.893	1.250	0.856
WCY88	2.354	2.194	1.250	0.893	1.211	0.971
WCY89	2.297	2.137	1.250	0.893	1.200	0.923
WCY90	2.238	2.083	1.250	0.893	1.159	0.868
WCY91	2.173	2.013	1.250	0.893	1.130	0.856
WCY92	2.104	1.950	1.250	0.893	0.904	0.720
WCY93	2.029	1.869	1.250	0.893	0.900	0.700
WCY94	1.967	1.831	1.250	0.893	0.750	0.588
WCY95	1.888	1.728	1.250	0.893	0.722	0.525
WCY96	1.811	1.648	1.250	0.893	0.609	0.364
WCY97	1.748	1.591	1.250	0.893	0.598	0.385
WCY98	1.695	1.533	1.250	0.893	0.598	0.364
WCY99	1.644	1.489	1.250	0.893	0.398	0.324

Blue highlighted items are industry standard and most frequently ordered.

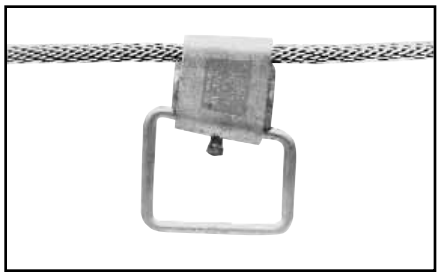
BURNDY WEJTAP™ SELECTION CHART

By Diameter

Catalog Number	Sum Of Diameters		Run		Tap	
	Max.	Min.	Max.	Min.	Max.	Min.
Installed with yellow booster						
WCY100	1.572	1.400	1.250	0.893	0.351	0.257
WCY101	1.503	1.343	1.250	0.893	0.261	0.204
WCY102	1.454	1.284	1.250	0.893	0.198	0.162
WCY103	2.604	2.484	1.302	1.242	1.302	1.242
WCY104	2.567	2.407	1.302	1.242	1.265	1.165
WCY105	2.489	2.329	1.302	1.242	1.187	1.087
WCY106	2.418	2.258	1.302	1.242	1.116	1.016
WCY107	2.373	2.213	1.302	1.242	1.071	0.971
WCY108	2.318	2.158	1.302	1.242	1.016	0.916
WCY109	2.255	2.095	1.302	1.242	0.953	0.853
WCY110	2.179	2.019	1.302	1.242	0.877	0.777
WCY111	2.102	1.942	1.302	1.242	0.800	0.700
WCY112	2.044	1.884	1.302	1.242	0.742	0.642
WCY113	1.961	1.801	1.302	1.242	0.659	0.559
WCY114	1.940	1.740	1.350	1.242	0.590	0.498
WCY115	1.863	1.663	1.350	1.242	0.513	0.421
WCY116	1.812	1.612	1.350	1.242	0.462	0.370
WCY117	1.762	1.562	1.350	1.242	0.412	0.320
WCY118	1.703	1.503	1.350	1.242	0.353	0.261
WCY119	1.631	1.431	1.350	1.242	0.281	0.189
WCY120	1.580	1.380	1.350	1.242	0.230	0.138
WCY121	2.844	2.642	1.422	1.314	1.422	1.328
WCY122	2.764	2.562	1.422	1.314	1.342	1.248
WCY123	2.680	2.479	1.422	1.314	1.258	1.164
WCY124	2.596	2.394	1.422	1.314	1.174	1.080
WCY125	2.535	2.333	1.422	1.314	1.113	1.019
WCY126	2.481	2.279	1.422	1.314	1.059	0.965
WCY127	2.426	2.224	1.422	1.314	1.004	0.910
WCY128	2.376	2.174	1.422	1.314	0.954	0.860
WCY129	2.286	2.084	1.422	1.314	0.864	0.770
WCY130	2.216	2.014	1.422	1.314	0.794	0.700
WCY131	2.152	1.950	1.422	1.314	0.730	0.636
WCY132	2.070	1.868	1.422	1.314	0.648	0.554
WCY133	1.990	1.786	1.422	1.314	0.568	0.472
WCY134	1.931	1.729	1.422	1.314	0.509	0.415
WCY135	1.876	1.674	1.422	1.314	0.454	0.360
WCY136	1.831	1.629	1.422	1.314	0.409	0.315
WCY137	1.771	1.569	1.422	1.314	0.349	0.255
WCY138	1.706	1.504	1.422	1.314	0.284	0.190
WCY139	1.664	1.462	1.422	1.314	0.242	0.148
WCY140	3.045	2.090	1.533	1.471	1.547	1.471
WCY145	2.596	2.534	1.533	1.032	1.094	1.032

Blue highlighted items are industry standard and most frequently ordered.

WEJTAP™ STIRRUP™ AND POWER BOOSTERS



(Large) Run Conductor position is identified on all wedges via a distinct chamfer.

QIK Selector - for common ACSR, Aluminum and Copper Conductors

Catalog Number	Nominal Cable Range	Bail Size
Small Red Cable Range 6-2		
WSS1 WSS2	6 5, 4, 2	2
Medium Blue Cable Range 1-300		
WSM1	1, 1/0, 2/0	2
WSM2	2/0, 3/0	2
WSM3 WSM4	3/0 - 4/0	2 2/0
WSM5 WSM6	266.8	2 1/0
WSM7	350	1/0
WSM11	266.8 - 336.4	4/0

Catalog Number	Nominal Cable Range	Bail Size
Large Yellow Cable Range 300-1033.5		
WSL1 WSL2 WSL3	336.4	1/0 2/0 4/0
WSL4 WSL5 WSL6	397.5 - 477	1/0 2/0 4/0
WSL7 WSL8 WSL9	556.5	1/0 2/0 4/0
WSL10 WSL11	636	4/0 2/0
WSL12 WSL13	795	2/0 4/0
WSL14	1033.5	4/0

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BURNDY WEJTAP™ STIRRUP™ SELECTION CHART

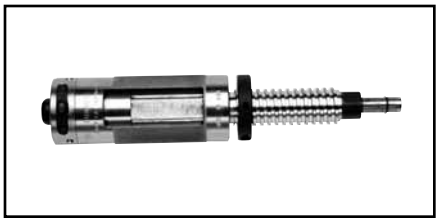
By Diameter

Catalog Number	Sum of Diameters		Run		Tap	
	Max.	Min.	Max.	Min.	Max.	Min.
Small stirrups						
WSS1	0.454	0.412	0.204	0.162	0.25	0.25
WSS2	0.575	0.456	0.325	0.206	0.25	0.25
Medium sized stirrups						
WSM1	0.697	0.575	0.447	0.325	0.25	0.25
WSM10	0.887	0.784	0.563	0.46	0.324	0.324
WSM2	0.752	0.615	0.502	0.365	0.25	0.25
WSM3	0.813	0.66	0.563	0.41	0.25	0.25
WSM4	0.938	0.835	0.563	0.46	0.375	0.375
WSM5	0.892	0.787	0.642	0.537	0.25	0.25
WSM6	0.968	0.861	0.642	0.537	0.324	0.324
WSM7	1.008	0.898	0.684	0.574	0.324	0.324
WSM8	0.934	0.824	0.684	0.574	0.25	0.25
WSM9	0.771	0.649	0.447	0.325	0.324	0.324
Large stirrups						
WSL1	1.05	0.927	0.726	0.603	0.324	0.324
WSL10	1.479	1.389	1.019	0.929	0.46	0.46
WSL11	1.394	1.304	1.019	0.929	0.375	0.375
WSL12	1.515	1.399	1.14	1.024	0.375	0.375
WSL13	1.6	1.484	1.14	1.024	0.46	0.46
WSL14	1.708	1.606	1.248	1.146	0.46	0.46
WSL2	0.976	0.853	0.726	0.603	0.25	0.25
WSL3	1.186	1.063	0.726	0.603	0.46	0.46
WSL4	1.186	1.046	0.862	0.722	0.324	0.324
WSL5	1.237	1.097	0.862	0.722	0.375	0.375
WSL6	1.322	1.182	0.862	0.722	0.46	0.46
WSL7	1.251	1.17	0.927	0.846	0.324	0.324
WSL8	1.302	1.221	0.927	0.846	0.375	0.375
WSL9	1.387	1.306	0.927	0.846	0.46	0.46

Blue highlighted items are industry standard and most frequently ordered.

WEJTAP™ INSTALLATION TOOLS

Patented



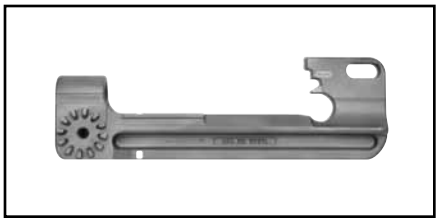
Type WTB

WEJTAP™ tool body one-piece assembly basic drive mechanism used to install WEJ-TAP™ connectors and STIRRUPs range - #8 awg through 1590 kcmil ACSR.



Type WTHRB1S

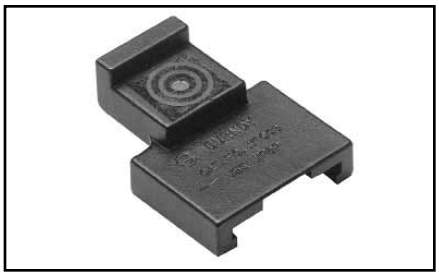
WEJTAP™ tool head operating platform for small and medium range (red/blue coded) connectors.



Type WTHY1S

WEJTAP™ tool head operating platform for medium and large range (yellow coded) connectors.

WEJTAP™ INSTALLATION TOOL ACCESSORIES



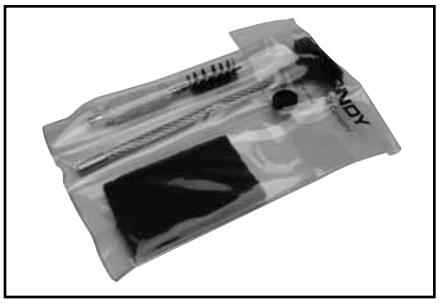
Type WTOCBR

WEJTAP™ removal clip for red type II and medium (blue coded) tap connectors used with type WTHRB tool head.



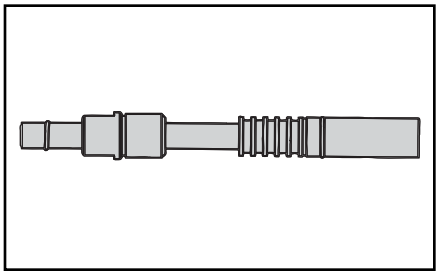
Type WTOCY

WEJTAP™ removal clip for large (yellow coded) tap connectors used with type WTHY tool head.



Type WTCK

WEJTAP™ tool cleaning/maintenance kit for use with type WTB tool body.



Type WTBASY1

WEJTAP™ ram replacement assembly.

Blue highlighted items are industry standard and most frequently ordered.

WEJTAP™ POWERLUG™

WEJTAP™ POWERLUG™ terminals are made of cast aluminum alloy for termination of ACSR and Aluminum conductors.



2 Hole POWERLUG™

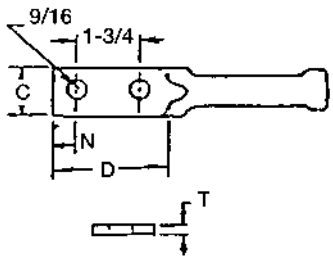


Fig. 1

4 Hole POWERLUG™

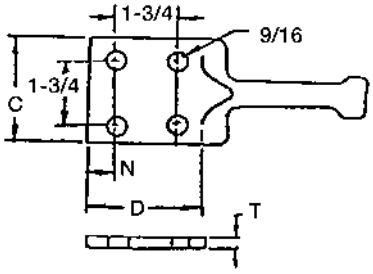


Fig. 2

4 Hole Flag

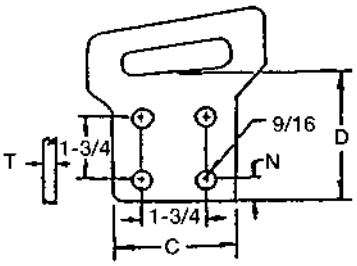


Fig. 3

J-11

Tap Groove for Connector Selection	Catalog Number	Standard Conductor		Figure No.	Holes in Pad	Dimensions			
		ACSR	ASC/AAC			C	D	N	T
4/0 Standard ACSR	**WCAB30R-2N**	6 Str. - 266.8	6 Str. - 300	1	2	1-1/4	3	5/8	0.34
	WCAB30R-4N			2	4	3	3	5/8	0.30
	WCBB30R-4N			3	4	3	3	5/8	0.30
336.4 Standard ACSR	**WCAY39R-2N**	266.8 - 556.5	336.4 - 636	1	2	1-3/4	3	5/8	0.34
	WCAY39R-4N			2	4	3	3	5/8	0.30
	WCBY39R-4N			3	4	3	3	5/8	0.30
795 Standard ACSR	**WCAY49R-2N**	605 - 1033.5	715.5 - 1113	1	2	1-3/4	3-1/2	7/8	0.69
	WCAY49R-4N			2	4	3-1/2	3-1/2	7/8	0.69
	WCBY49R-4N			3	4	3-1/2	3-1/2	7/8	0.69

NOTE: The recommended connector and booster are ordered separately. Catalog number is for the POWERLUG™ only.

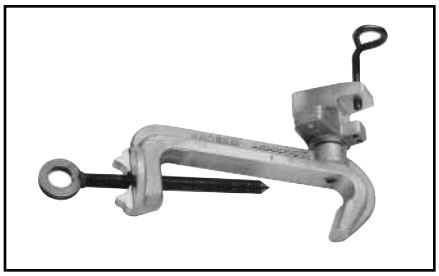
MULTIPLE CONDUCTOR TAP APPLICATION

Connector	*Run Groove	*Tap Groove
WCY 64 PB	Three - 1/0 ACSR (6/1) Diameter = 0.398″	One - 4/0 ACSR (6/1) Diameter = 0.563″
WCY 65 PB	Three - 1/0 ACSR (6/1) Diameter = 0.398″	One - 3/0 ACSR (6/1) Diameter = 0.502″
WCY 63 PB	Three - 2/0 ACSR (6/1) Diameter = 0.447″	One - 4/0 ACSR (6/1) Diameter = 0.563″
WCB 11 PB	Three - #4 stranded Diameter = 0.232″	One - 1/0 ACSR (6/1) Diameter = 0.398″
WCY 54 PB	Three - 1/0 stranded Diameter = 0.368″	One - 4/0 stranded Diameter = 0.522″
WCY 53 PB	Three - 1/0 stranded Diameter = 0.368″	One - 3/0 stranded Diameter = 0.464″
WCY 64 PB	Three - 2/0 stranded Diameter = 0.414″	One - 4/0 stranded Diameter = 0.522″
WCB 11 PB	Three - #4 stranded Diameter = 0.232″	One - 1/0 stranded Diameter = 0.368″

* Electrically, the three smaller conductors are the likely taps, however, during installation, they are located in the larger run groove due to their larger aggregate sum.

Blue highlighted items are industry standard and most frequently ordered.

WEJTAP™ HOTSTICK ACCESSORIES



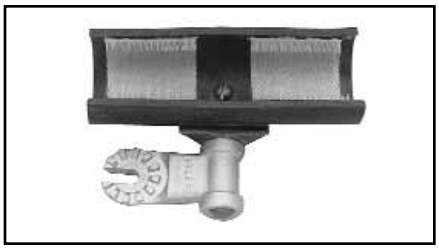
Type WHSCWH

WEJTAP™ hotstick connector clamp used to hold the tap connector spring-body and wedge for installation on energized lines with the shotgun hotstick.



Type WHSWHADP

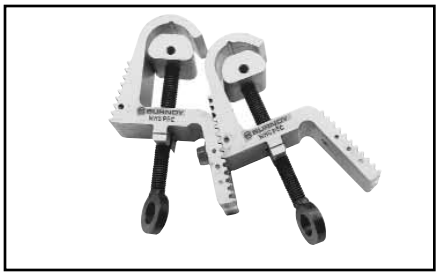
WEJTAP™ hotstick angle wedge holder adapter attaches wedge clamp to universal hotstick for hotline installation.



Type WHSWB

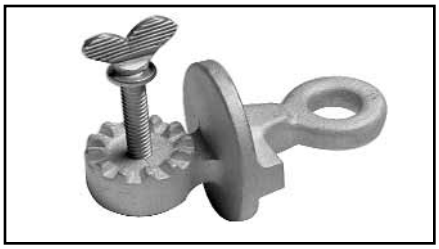
WEJTAP™ hotstick wirebrush attaches to the universal hotstick for cleaning the contact surface of the line conductor.

J-12



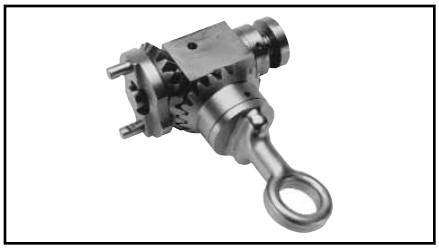
Type WHSPBC

WEJTAP™ hotstick dual cable clamp used to hold run and tap conductors in position during hotline installation. Universal for all applications from #8-1272 ACSR.



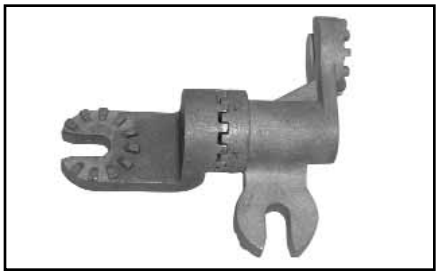
Type WCHAWAS

WEJTAP™ hotstick angle wedge holder adapter attaches wedge clamp to universal hotstick for hotline installation with shotgun stick.



Type WHSGB

WEJTAP™ hotstick breech drive. Geared shotgun hotstick adapter easily latches to the breech end of WEJTAP installation tool without disassembly for use on energized lines.



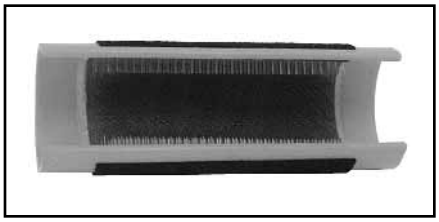
Type WHSSADP

WEJTAP™ hotstick spring loaded 90 degree adapter, used to attach tool to universal hotstick for hotline installations.



Type WHSTA

WEJTAP™ hotstick tool (actuator) hammer attaches to the universal hotstick for striking the tool actuator button to complete the installation.



Type WHHWB

WEJTAP™ hand-held wire brush for cleaning surface contact areas on non-energized conductors.

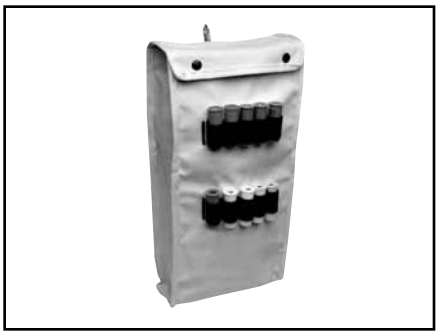
Blue highlighted items are industry standard and most frequently ordered.

WEJTAP™ KIT ORDERING INSTRUCTIONS



Type WTCC
(Carrying Case Only)

WEJTAP™ plastic carrying case. Designed for rugged use in all weather conditions. It accommodates WEJTAP™ installation tool, removal clips, and cleaning kit.



Type WABAG

WEJTAP™ accessories bag is designed for use in carrying installation tool(s), removal clips, and cleaning kit. Hotstick accessories may be accommodated as well. Holders for power boosters are conveniently located on the outside of the bag.

Tools Included in Kit (Quantity)

	*Non-Hot Stick Power Unit	Hot Stick Power Unit	Self-Firing Tool	Large Frame (Yellows)	Large Frame Take Off Clip	Small Frame (Red, Blue)	Cleaning Kit	Small Frame Take Off Clip	Molded Carrying Case	Canvas Style Tool Bag
Component	**WTBNHS**	**WTB**	**WTBGBW**	**WTHY-1S**	**WTOCY**	**WTHRB-1S**	**WTCK**	**WTOCBR**	**WTCC**	**WABAG**
Kit Catalog No.										
WT2B2RBYWABAG		2		1	1	1	1	1		1
WT2BRBYWABAG		2				1	1	1		1
WTRBYK		1		1	1	1	1	1	1	
WTRBYKNHS	1			1	1	1	1	1	1	
WTYK		1		1	1		1			
WTYKNHS	1			1	1		1			
WTRBK		1				1	1	1	1	
WTRBKNHS	1					1	1	1	1	
WT2BRBYK		2		1	1	1	1	1	1	
WT2B2RBYK		2		1	1	2	1	1	1	
WTY		1		1			1			
WTRB		1				1	1			
WTYWABAG		1		1	1		1			1
WTYKNHSBAG	1			1	1		1			1
WTRBWABAG		1				1	1	1		1
WTRBKNHSBAG	1					1	1	1		1
WTBGBWRBYK			1	1	1	1	1	1	1	
WTRBYWABAG		1		1	1	1	1	1		1
WTRBYKNHSGAB	1			1	1	1	1	1		1

* Non-Hotstick power units do not contain features allowing activation with Hotsticks. They are not upgradeable.

J-13

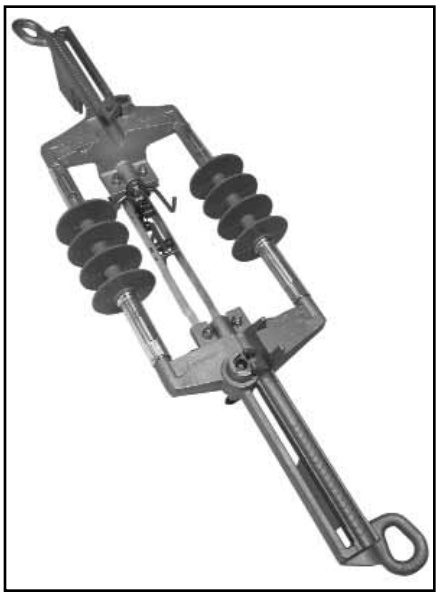
Contact your BURNDY® representative for a WEJTAP™ demonstration or contact the factory at 1-800-346-4175

Blue highlighted items are industry standard and most frequently ordered.

WEJTAP™ In-Line Disconnect

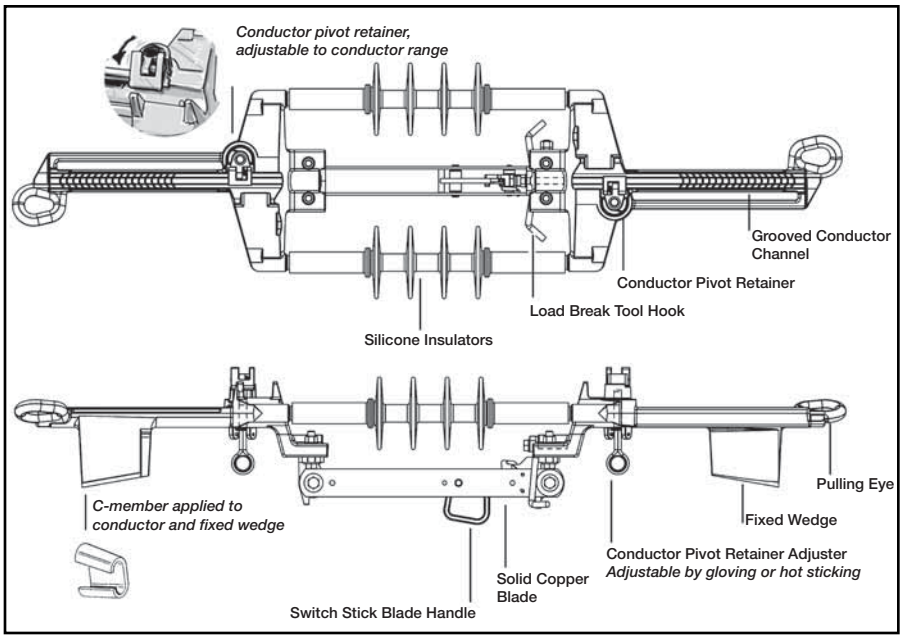
BURNDY's new In-Line Disconnect utilizes proven WEJTAP™ Technology in combination with industry standard components to provide reliable performance of switch applications.

1. Utilizes WEJTAP™ connectors for securing the switch to the distribution line in tension applications.
2. Utilizes industry recognized and proven GST&D Products, LTD. blade components along with dual Advance Rubber Products, Inc., Insulators attached to a BURNDY® designed yoke plate assembly.
3. WEJTAP™ In-Line Disconnect designed for use in gloving and hot stick applications in conjunction with an industry standard load break tool.
4. Dual insulators minimize the switch movement during opening and closing of the blade.
5. Installation steps are minimized. The switch can be snapped directly on the line and secured with our conductor pivot retainer, designed into the switch frame.
6. WEJTAP™ tooling is used to secure the "C Member" to the built-in wedge feature of the frame. Providing reliable mechanical and electrical performance.
7. The blade is positioned on the switch to simplify cutting the conductor during installation.
8. In-Line Disconnect is removable and reuseable.
9. Other conductor sizes available. Please contact factory.



Product Specifications

Voltage:	15 kV (110 kV BIL), 29 kV (150 kV BIL), 35 kV (200 kV BIL)
Current:	900 Ampere RMS
Short Circuit:	Momentary Current 40,000 Ampere RMS, Asymmetrical Three Second Current 25,000 Ampere RMS, Symmetrical
Strength:	Body 10,000 lbs. Pulling Eye 6,000 lbs.
Insulators:	Silicone
Meets Industry Standards:	ANSI C119.4, C37.32 IEEE C37.30, C37.34 CSA C83.71 ASTM B117 Salt Fog



Conductor		In-Line Disconnect			Replacement
ACSR	AAC	15 kV (110 kV BIL)	29 kV (150 kV BIL)	35kV (200 kV BIL)	Tap
266.8 26/7	397.5	WAD336-15	WAD336-29	WAD336-35	WAD336S
266.8 30/7	336.4				
336.4 18/1					
336.4 26/7	350				
336.4 30/7					
397.5 18/1	450	WAD477-15	WAD477-29	WAD477-35	WAD477S
397.5 26/7	477				
397.5 30/7	500				
477 18/1					
477 26/7	556.5	WAD556-15	WAD556-29	WAD556-35	WAD556S
556.5 18/1	795				

Blue highlighted items are industry standard and most frequently ordered.

PRODUCTS FOR UNDERGROUND NETWORK AND RESIDENTIAL DISTRIBUTION SYSTEMS

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UNDERGROUND NETWORK DISTRIBUTION PRODUCTS

Technical Data "Underground Systems Connection and Protection" . . . . . **K-3 - K-4**

Technical data on specific types of BURNDY® Connectors precedes each section below.

MOLE™



Multiple Outlet Connectors (Technical Data) . . . . . **K-5 - K-7**

How to Order Your BURNDY® MOLE™ **K-8**

MOLE™ Types . . . . . **K-9 - K-31**

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HYCRAB™

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LIMITERS



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UNDERGROUND RESIDENTIAL DISTRIBUTION PRODUCTS

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MOLE™ Tap Kits

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Street Lighting Tap Kits

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Insulated Splice Kit

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All dimensions are subject to revision and should not be used for detailed engineering or inspection purposes. Current sales drawings are available upon request.

Blue highlighted items are industry standard and most frequently ordered.

PRODUCTS FOR UNDERGROUND NETWORK DISTRIBUTION SYSTEMS

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T-CONNECTOR

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Blue highlighted items are industry standard and most frequently ordered.

UNDERGROUND SYSTEM CONNECTION AND PROTECTION

Nowhere in the distribution of electric power are the problems of connecting conductors and protecting them and equipment against the effects of fault currents as complex as in underground systems. For more than 70 years, BURNDY® engineers have worked closely with utilities to develop devices for connecting and protecting conductors and associated equipment in underground systems. These devices, with their inherent dependability and economy, have contributed to the rapid growth of underground systems throughout the country. To assist utility personnel in more effectively selecting and applying these devices, the engineering talent and experience of BURNDY® have been pooled to prepare this technical section, and the catalog information that follows.

The devices are designed for use in both radial and network type underground systems. Radial systems (Fig. 1) distribute power economically except in high load density areas where a high degree of service reliability is required.

Network systems (Fig. 2) have become standard for AC power distribution where load density is high and service continuity must be assured under nearly all conditions. The improved equipment and methods which are described in this catalog have been designed to meet these secondary network system requirements and to reduce the cost of installation and maintenance.

Early Problems in Underground Connections

Despite the many advantages of underground distribution, a major problem was that of making connections in congested manholes or junction boxes. The necessary procedure—soldering conductors, taping joints, and wiping lead covered cable—was so complex, that it demanded considerable skill and was time consuming and costly. This involved procedure had to be repeated each time a service was added to a main. When completed, the multiple-branch joints were excessively bulky and their electrical and mechanical performance suffered from the shortcomings of soldered connections.

The installation of underground distribution made greater strides as those early connection methods gave way to specialized products and techniques developed by BURNDY® at the request of, and in close collaboration with, engineers of leading utilities. These specialized connectors were easier and more economical to install, more compact, and more dependable electrically and mechanically.

For installation in conjunction with these connectors, BURNDY® also developed products to protect the secondary system from the effects of fault currents. The continuing improvement of these products, based on field experience and laboratory research, is contributing to even greater dependability and economy in underground distribution.

Design Objectives in Connectors for Underground

While each of the principal types of equipment described in the following pages has been designed to meet particular service requirements, all have several basic objectives in common:

Reliability: To minimize outages and their serious consequences in the high load density areas served by underground systems.

Ease of Installation: Compact for easy installation in the confined space of a manhole and transformer vaults. Mechanical connections that eliminate difficult solder joints.

Economy: By reducing the time and skill required for installation of a dependable, insulated compact connection.

Versatility: For permitting easier changes, expansion, and additional services with a minimum of system shutdown.

K-3

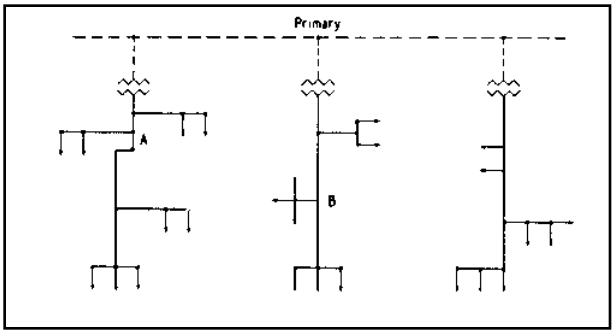


Figure 1 Radial Secondary Distribution System

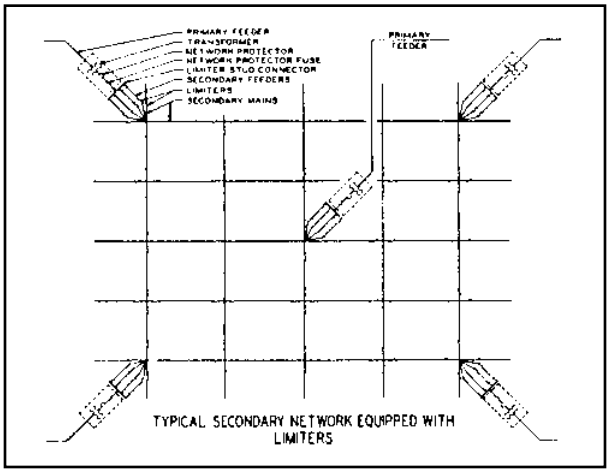


Figure 2

TYPES OF BURNDY® UNDERGROUND CONNECTORS AND ACCESSORIES

The MOLE™ and HYCRAB™
The most popular of the engineered connectors developed specifically for underground manholes and transformer vaults are the MOLE™ and the HYCRAB™ that provide for multiple connections at a single junction point of main, feeder, and service cables. Pre-insulated to eliminate extensive taping, these connectors are essentially bus bars with several cable outlets: mechanical installation in the MOLE™, and compression installation in the HYCRAB™.

Limiters and Fuses
To prevent "roasting" of cable insulation, resulting from fault current, BURNDY® has developed cable limiters that are inserted in each secondary cable at all junction points. Network protector fuses have been designed to back up the protector breaker in the event of a malfunction during a transformer or primary cable fault. By coordinating the time current characteristics of the fuse with those of the cable limiters, the possibility of limiter blowing on primary faults is eliminated, which in turn reduces the fault finding task. Also, limiter, fuse, and cable insulation characteristics must be carefully coordinated to assure isolating a fault on the secondary before it can cause extensive damage or interrupt service in other sections of the secondary system.

High Capacity Limiter 200,000 Amperes at 600 Volts
The BURNDY® High Capacity Limiter is designed to economically protect electrical distribution systems from the destructive effect of high energy faults. The increasing number of 600 volt secondary network installations for industrial and commercial applications demand a cable limiter that can safely interrupt 200,000 amperes (symmetrical available) and one that will also completely coordinate with the higher voltage nework protector fuses.

Available fault currents as high as 200,000 amperes rms at 600 volts across the fusible elements have been interrupted during tests on the BURNDY® High Capacity Limiter. The power factor during these tests was less than 15%, thereby imposing the most difficult clearing conditions. No external distrubance is experienced upon clearing fault currents from the "float" value to 200,000 amperes. The quartz filler absorbs the intense energy generated by interrupting the fault current. The quartz fuses into tubular fulgurites, with a high dielectric strength, and forms an insulating barrier between the melted link sections. This action prevents restrike of the internal arc. The rugged glass melamine housing provides a vessel that completely contains the developed energy.

The carefully developed time-current characteristics and rigid manufacturing tolerances assure proper coordination with the network protector fuses and the insulation damage characteristics of 4/0, 250, 350, 500 and 750 kcmil cable.

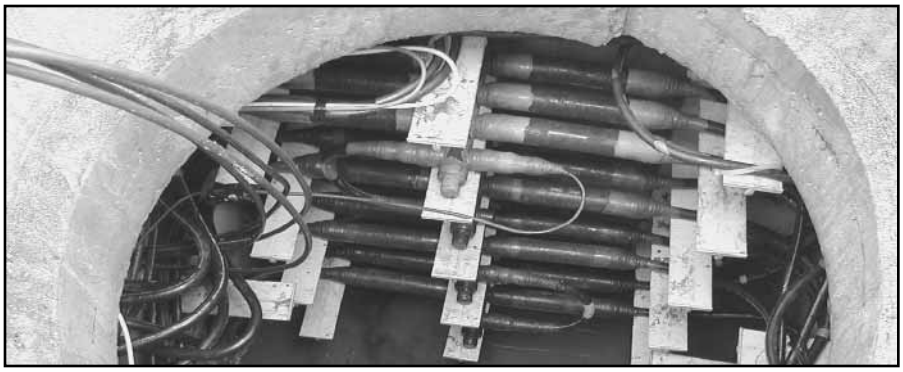
The High Capacity Limiter is available in four variations to accommodate a variety of installation practices. The Type HYS has cable sockets at both ends, which allow for indenting to the cable ends with a hydraulic BURNDY® HYPRESS™. The HYAO has an offset lug on one end which permits back-to-back mounting on bus bar.

For those installations where BURNDY® MOLEs™ are used for manhole junctions or transformer vault buses, the Type HYM permits a replaceable connection of the limiter directly to the MOLE outlet at one end and a compression cable connection at the other.

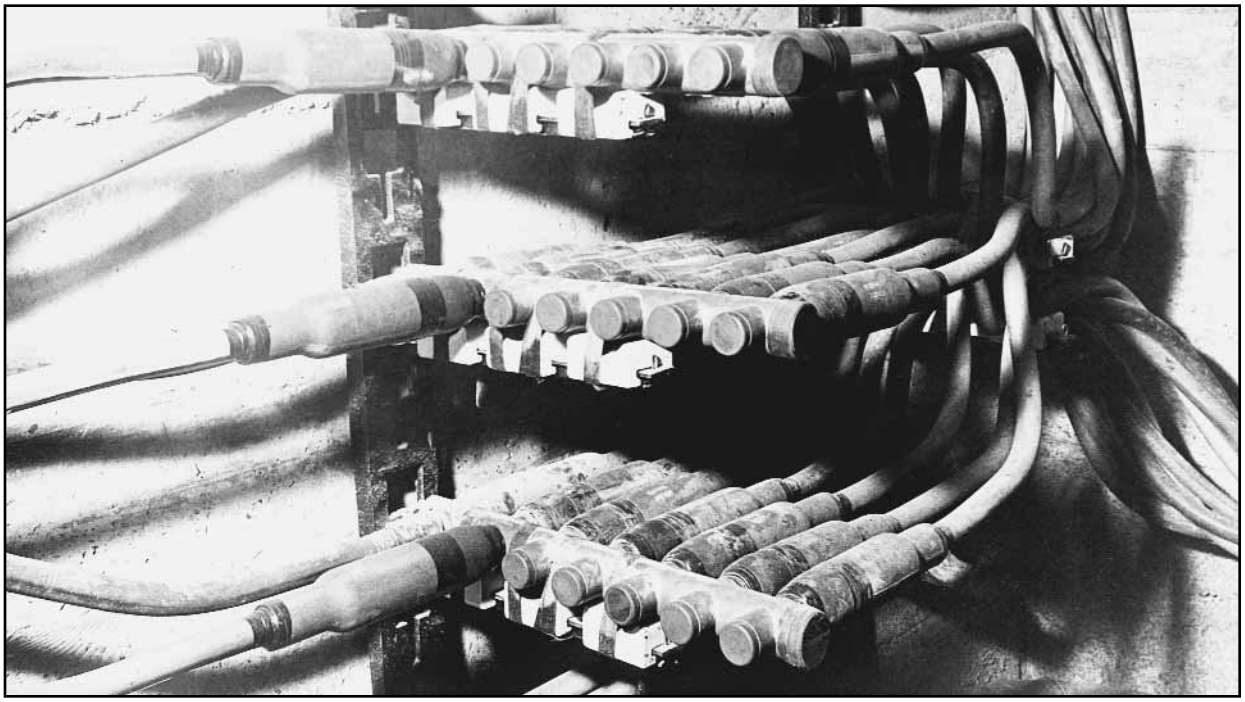
Modern electrical distribution systems require low cost protection to safeguard costly equipment and quickly isolate faults, so that the undamaged portions of the system may function normally. BURNDY® High Capacity Limiters assure positive, economical protection when installed in properly designed systems.

Compression Connectors
BURNDY® HYDENT™ compression type connectors, and installation tools, have been designed for splicing and terminating copper as well as aluminum underground cables, in both primary and secondary circuits. BURNDY® tools and dies are custom designed to produce sound electrical, and mechanical joints on BURNDY® connectors. The use of BURNDY's matched tools and connectors assures optimum results.

Residential Underground
The trend toward improvement in neighborhood appearances, and the elimination of storm outages, tree trimming, etc., has created the need for residential underground distribution. To meet these needs, BURNDY® offers: Mechanical type pre-insulated multiconductor terminal connectors for submersible transformer locations; and compact multiconductor connectors for above ground transformer and enclosures. For service taps, BURNDY® offers: Pre-insulated, multiconductor compression and mechanical connectors; and a range taking compression connector for below grade service. Power pedestals for direct burial, above ground application, and conduit systems are offered. Residential Underground Fuse Block assembly with replaceable fuse for each service cable is also available.



MULTIPLE OUTLET CONNECTORS



Connectors for Aluminum
For systems where aluminum is used, connectors especially designed for aluminum conductors are available in bolted and compression types: HYCRAB™, HYPLUG™, HYREDUCER™, and HYSOCKET. Aluminum conductors can be connected to standard MOLE™ connectors by using HYPLUG™ adapters.

Multiple Outlet Connectors
The increasing use in modern electrical distribution systems of junction points where several relatively large cables must be connected, has brought about the development of BURNDY® MOLE™ line equipment to speed up and simplify the making of such connections. The modern tendency toward network systems not only in underground utility practice but also in industrial wiring, has greatly increased the number of multi-connection joints.

The BURNDY® MOLE™ and HYCRAB™ connectors are insulated bus bars with multiple connector outlets for service cables, secondary mains, or equipment leads. In the MOLE™, clamping action secures conductors to the connector; in the HYCRAB™, connections are made by indenting with a compression tool. Both lines of insulated connectors offer the following basic advantages:

1. *Ease and Economy of Installations:* The ease and reduction of time required to make and insulate dependable multi-connections greatly reduces the cost of installation. The compact design makes maximum use of space and provides for simplified racking.
2. *Versatility for System Modification:* The MOLE™ and HYCRAB™ are designed to accommodate the standard secondary main and service cables, and permit easy modification or later additions. The numerous available connector configurations permit a wide variety of arrangements of cables and equipment connections. The 600 volt rating of the MOLE™ and HYCRAB™ insulation provides for efficient operation at all standard utilization voltages.
3. *Efficient, Dependable Performance:* The MOLE™ and HYCRAB™ connectors assure permanent, high conductivity connections, good moisture seal, and insulation that resists the severest condition encountered in underground installations.

MOLE™ and HYCRAB™ Insulation
The location in vaults and manholes often exposes these connectors to immersion in water, chemical, and other contaminants, as well as to heat from overload or fault currents. The MOLE™ and HYCRAB™ insulations provide electrical, mechanical, and thermal properties essential to assure the service continuity of underground distribution systems.

Recognizing the importance of proper connector insulation, BURNDY® established performance specifications exceeding those of 600 volt cable insulation.

MULTIPLE OUTLET CONNECTORS (Continued)

MOLE™ and MOLE™ Accessories
The BURNDY® MOLE™ is a multi-cable connector that consists of a pre-insulated copper bus bar with threaded outlets that permit a minimum of two cables to be connected by means of a socket, nut, and cone assembly (Illustration A). The clamping action of the socket, nut and cone assembly on the cable develops high contact pressures that maintain joint conductivities greater than 100% of the continuous conductor. A compression socket that is threaded into the MOLE™ insert is also available. The MOLE™ design affords exceptional versatility in four ways:

1. MOLE™ outlets can be plugged-off until needed for the addition of cables.
2. Installed cables can be easily removed.
3. Cable sizes can be increased by changing the socket, nut and cone assembly.
4. The number of outlets may be increased by joining MOLE™ connectors with a MOLE™ coupler.

Insulation
The copper bus bar insert is encased in a molded insulating jacket that eliminates crotch taping. The thickness of the jacket prevents any possibility of the insert weight to cause the insulation at the supports to flow away at the high temperatures of fault conditions.

Ratings
MOLE™ connectors are rated at 1500, 2000, 2500, and 3000 amperes, based on the maximum current the insert cross-section can carry. Each outlet can carry the full rated current of the cable connected to it.

To avoid exceeding the insert rating, the cables should be arranged in such a manner that most current flows directly across the insert. (See Illustration B)

Installation
Cables are connected to the MOLE™ by means of a socket, nut and compression cone assembly. The socket is threaded into the MOLE™ insert. The stripped cable end is inserted into nut and compression cone, and then into the socket where it is securely clamped by tightening the nut. The joint is then sealed watertight in one of three ways:

- Taping;
- MOLE™ Outlet Insulating Sleeves, sealed with a minimum of taping;
- or NOTAPE™ MOLE™ Sleeve, sealed to the cable and mole insulation by two non-corrosive hose clamps.

Tests under flooding and other adverse conditions demonstrate that such joints are impervious to water.

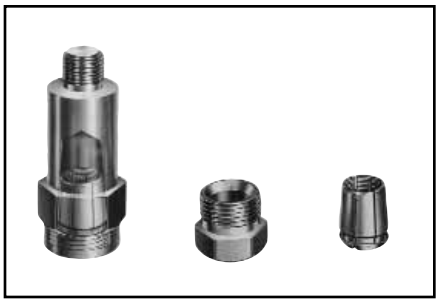


Illustration A

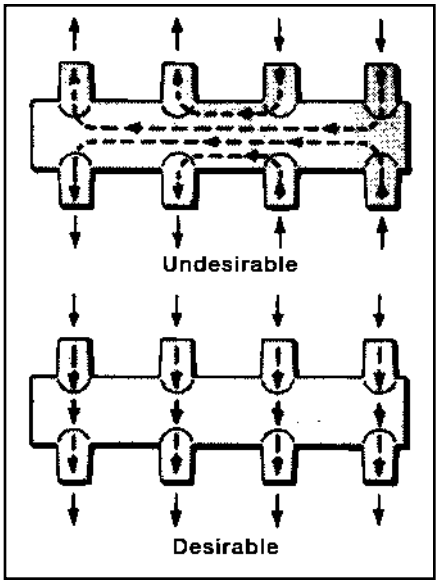


Illustration B

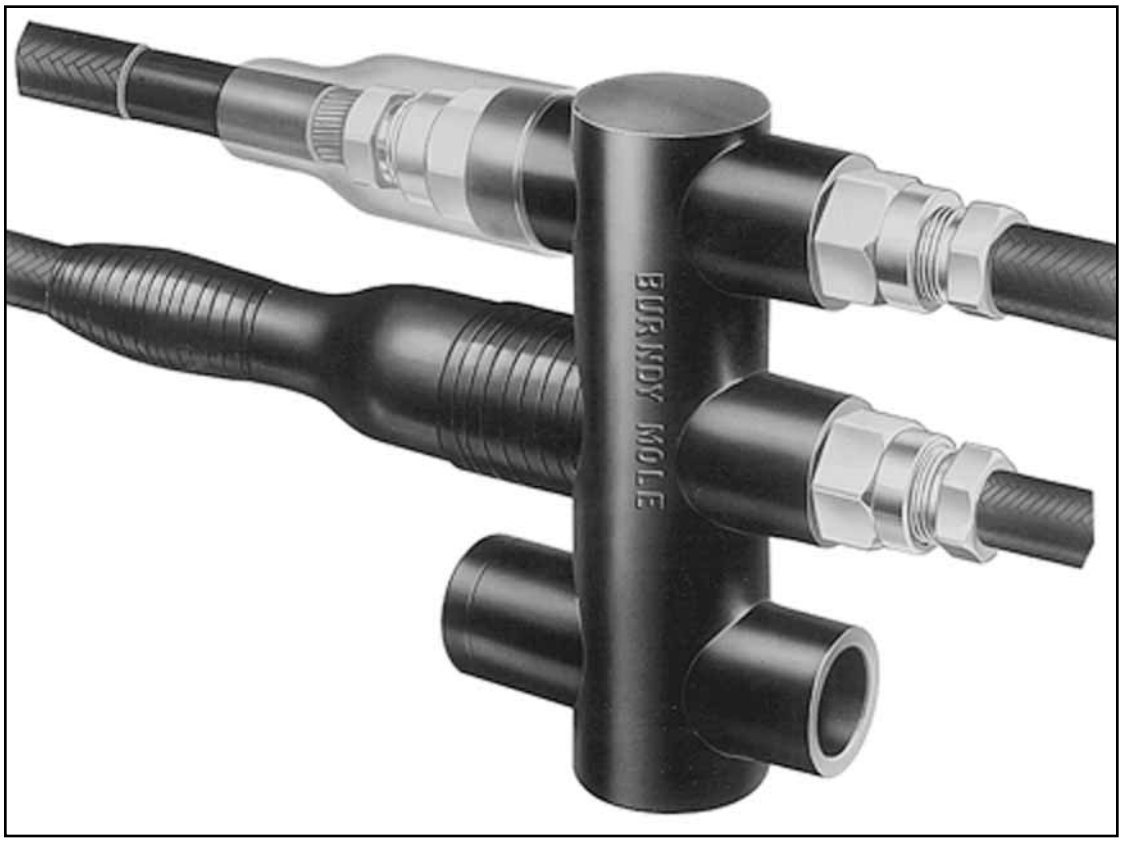
Accessories
A socket, cone and nut assembly is screwed into each MOLE™ outlet to which a cable is to be connected. The socket has a tapered recess into which the clamping nut forces the cable and the compression cone. The cone is slotted to controlled widths and depths for maximum flexibility, and its inside surface is serrated for low contact resistance and high pullout strength.

A compression socket is available that threads directly into the MOLE™ outlet and provides a compression sleeve for connecting the cable with HYPRESS™ tools.

Plugs seal MOLE™ outlets not in use. The MOLE™ is delivered with one-fourth of its outlets sealed with plugs. Additional plugs may be ordered.

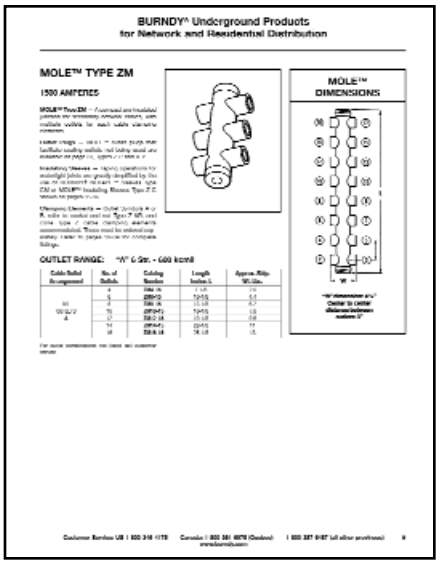
MOLE™ couplers facilitate system expansion by joining additional MOLE™ connectors to those already installed. Couplers are easily installed in end or side outlets of the MOLE™, and make connections that are effective both electrically and mechanically.

MULTIPLE OUTLET CONNECTORS (Continued)



HOW TO ORDER YOUR BURNDY MOLE™

This MOLE™ connector section is arranged so that all the information necessary for ordering standard MOLE™ connections is contained on a single page.


BURNDY® Underground Products
for Network and Residential Distribution

MOLE™ TYPE ZM

1500 AMPERES

MOLE™ DIMENSIONS

OUTLET RANGE: "A" (#6 Str. - 600 kcmil

K-8

MOLE™ Connector listings are arranged by:

Amperes: 1,500; 2,000 - 2,500; 3,000.

MOLE™ Type: ZM, ZMT, ZME, etc., within each ampere group.

Cable Outlet Ranges:
Symbol "A" = #6 Str. - 600 kcmil; 5/8″
Symbol "B" = #2 Str. - 1000 kcmil; 7/8″
Symbol "C" = 500 - 1500 kcmil; 1-1/8″

Cable Outlet Arrangement:
Depending on ampere group, outlets may be all "A" or B" cable size, or may be combinations of sizes; outlet #1, "A": all the other outlets "B", etc. (See suffix list below.)

Number of Outlets Per MOLE™:
From 2 to 16 outlets depending on MOLE™ Type (any number can be supplied).

Catalog Number, Dimensions, and Weights.

MOLE™ CONNECTORS ARE ORDERED BY THE FOLLOWING PROCEDURE:

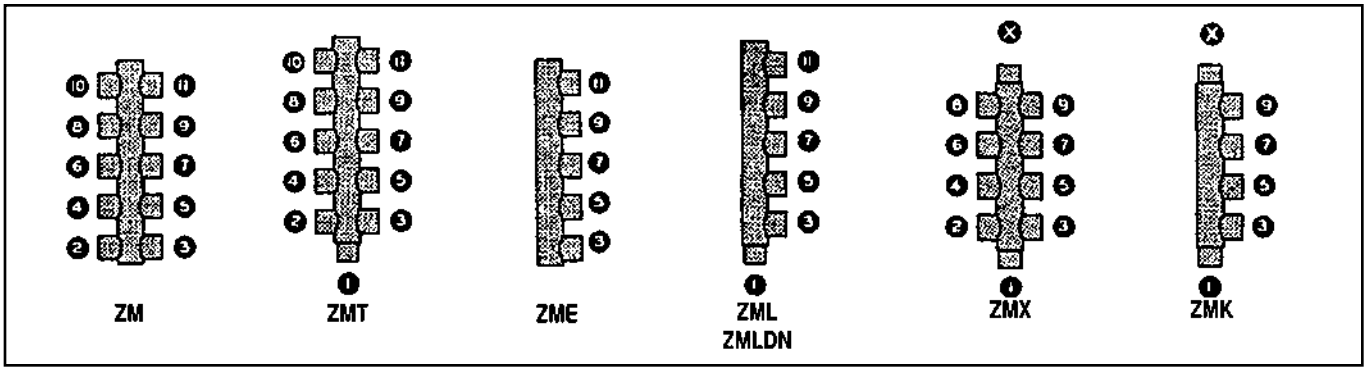
1. Determine amperage that meets requirements and locate it in the MOLE™ ampere page listings: pages 9-31.
2. Choose MOLE™ configuration desired, by Type (ZM, ZME, ZMT, etc.) within ampere group.
3. Decide on the number of outlets that meets your requirements.
4. Decide on the cable ranges required for each outlet.
5. Select cable outlet arrangement for MOLE™ listing: outlet #1, "A": all others "B", etc.

EXAMPLE:
Installation load capacity: 2000 ampere.
Configuration: outlets on two sides and one end.
Cable ranges: End outlet to accommodate a 1000 kcmil cable; other outlets: two 700 kcmil, two 600 kcmil and two 500 kcmil cables.

PROCEDURE:

1. Locate 2000 through 2500 ampere MOLE™ groups: pages 15-20.
2. MOLE™ Type ZMT has outlets on two sides and one end.
3. Cable outlet symbol "B" = #2 Str. - 1000 kcmil. MOLE™ outlet arrangement: Outlet #1 = "B", all other outlets = "B".
4. Catalog Number ZMT7-25B is the correct number. See pages K-32 - K-34 for socket and nut assembly, compression cones and Insulating Sleeves.

Suffix List:
A3: Outlet #1 = B; all others = A
A4: Outlets #1 and X = B; all others = A
A7: Outlet #1 and X = C; all others = A
A9: Outlet #1 = C; all others = A
B12: Outlet #1 = A; all others = B
B72: Outlet #1 = C; all others = B
B92: Outlet #1 = C; all others = B



Blue highlighted items are industry standard and most frequently ordered.

MOLE™ TYPE ZM

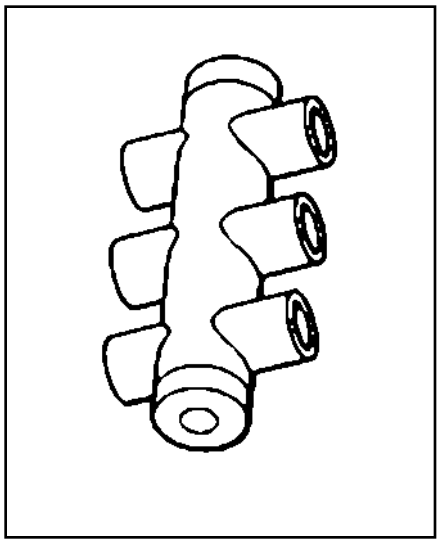
1500 AMPERES

MOLE™ Type ZM — A compact pre-insulated junction for secondary network cables, with multiple outlets for each cable clamping elements.

Outlet Plugs — MOLE™ outlet plugs that facilitate sealing outlets not being used are available on page K-31, Types Z-P and K-P.

Insulating Sleeves — Taping operations for watertight joints are greatly simplified by the use of BURNDY® NOTAPE™ Sleeves Type CM or MOLE™ Insulating Sleeves Type Z-C shown on pages K-35 - K-36.

Clamping Elements — Outlet Symbols A or B, refer to socket and nut Type Z-NR, and cone Type Z cable clamping elements accommodated. These must be ordered separately. Refer to pages K-32 - K-34 for complete listings.

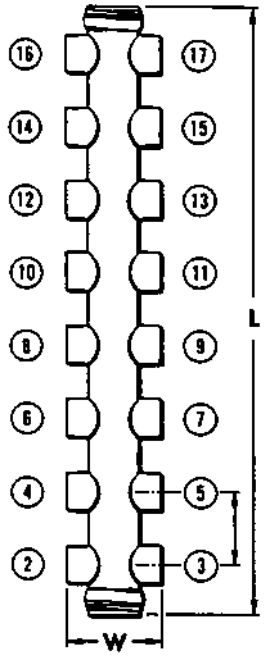


OUTLET RANGE: "A" 6 Str. - 600 kcmil

Cable Outlet Arrangement	No. of Outlets	Catalog Number	Length Inches L	Approx. Ship. Wt. Lbs.
All Outlets **A**	4	**ZM4-15**	7-1/8	2.6
	6	**ZM6-15**	10-1/8	4.4
	8	**ZM8-15**	13-1/8	6.2
	10	**ZM10-15**	16-1/8	7.8
	12	**ZM12-15**	19-1/8	9.5
	14	**ZM14-15**	22-1/8	11
	16	**ZM16-15**	25-1/8	13

For outlet combinations not listed call customer service

MOLE™ DIMENSIONS



"W" dimension: 4 1/4" Center to center distance between outlets: 3"

Blue highlighted items are industry standard and most frequently ordered.

MOLE™ TYPE ZMT

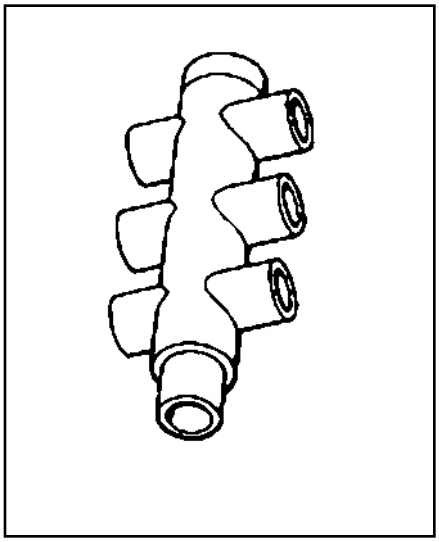
1500 AMPERES

MOLE™ Type ZMT — A compact pre-insulated junction for secondary network cables, with multiple outlets for cable clamping elements. Future expansion is provided for by an end outlet which can be joined to an additional MOLE™ by Type ZMS couplers.

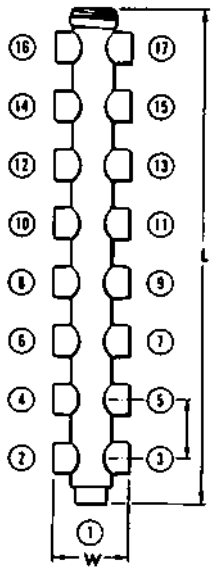
Outlet Plugs — Mole outlet plugs that facilitate sealing outlets not being used are available on page K-31, Types Z-P and K-P.

Insulating Sleeves — Taping operations for watertight joints are greatly simplified by the use of BURNDY® NOTAPE™ Sleeves Type CM or MOLE™ Insulating Sleeves Type Z-C shown on pages K-35 - K-36.

Clamping Elements — Outlet Symbols A or B, refer to socket and nut Type Z-NR, and cone Type Z cable clamping elements accommodated. These must be ordered separately. Refer to pages K-32 - K-34 for complete listings.



MOLE™ DIMENSIONS



"W" dimension: 4⅛" Center to center distance between outlets: 3"

OUTLET RANGE: "A" 6 Str. - 600 kcmil
"B" 2 Str. - 1000 kcmil

Cable Outlet Arrangement	No. of Outlets	Catalog Number	Length Inches L	Approx. Ship. Wt. Lbs.
All Outlets **A**	3	**ZMT3-15**	5	1.3
	5	**ZMT5-15**	8	3.0
	7	**ZMT7-15**	11	4.5
	9	**ZMT9-15**	14	6.2
	11	**ZMT11-15**	17	7.9
	13	**ZMT13-15**	20	9.7
	15	**ZMT15-15**	23	12
	17	**ZMT17-15**	26	13
Outlet #1 **B** All Other Outlets **A**	3	**ZMT3-15A3**	5	1.3
	5	**ZMT5-15A3**	8	3.0
	7	**ZMT7-15A3**	11	4.5
	9	**ZMT9-15A3**	14	6.2
	11	**ZMT11-15A3**	17	7.9
	13	**ZMT13-15A3**	20	9.7
	15	**ZMT15-15A3**	23	12
	17	**ZMT17-15A3**	26	13

For outlet combinations not listed call customer service.

MOLE™ TYPE ZME

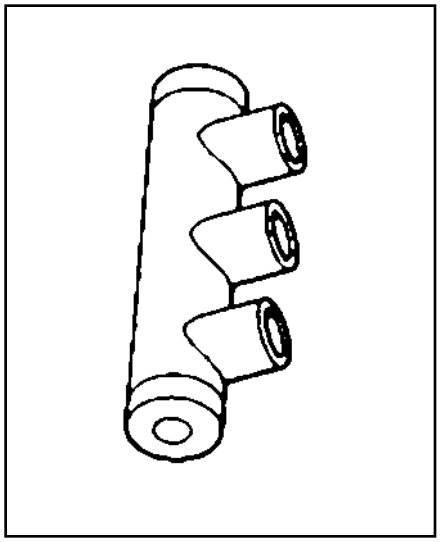
1500 AMPERES

MOLE™ Type ZME — A compact pre-insulated junction for secondary network cables, with multiple outlets for cable clamping elements.

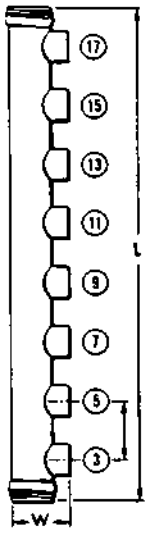
Outlet Plugs — Mole outlet plugs that facilitate sealing outlets not being used are available on page K-31, Types Z-P and K-P.

Insulating Sleeves — Taping operations for watertight joints are greatly simplified by the use of BURNDY® NOTAPE™ Sleeves Type CM or MOLE™ Insulating Sleeves Type Z-C shown on pages K-35 - K-36.

Clamping Elements — Outlet Symbols A or B, refer to socket and nut Type Z-NR, and cone Type Z cable clamping elements accommodated. These must be ordered separately. Refer to pages K-32 - K-34 for complete listings.



MOLE™ DIMENSIONS



"W" dimension: 3" Center to center distance between outlets: 3"

OUTLET RANGE: "A" 6 Str. - 600 kcmil

Cable Outlet Arrangement	No. of Outlets	Catalog Number	Length Inches L	Approx. Ship. Wt. Lbs.
All Outlets **A**	2	**ZME2-15**	7-1/8	2.5
	3	**ZME3-15**	10-1/8	4.4
	4	**ZME4-15**	13-1/8	6.1
	5	**ZME5-15**	16-1/8	7.7
	6	**ZME6-15**	19-1/8	9.4
	7	**ZME7-15**	22-1/8	11
	8	**ZME8-15**	25-1/8	13

For outlet combinations not listed call customer service

MOLE™ TYPE ZML

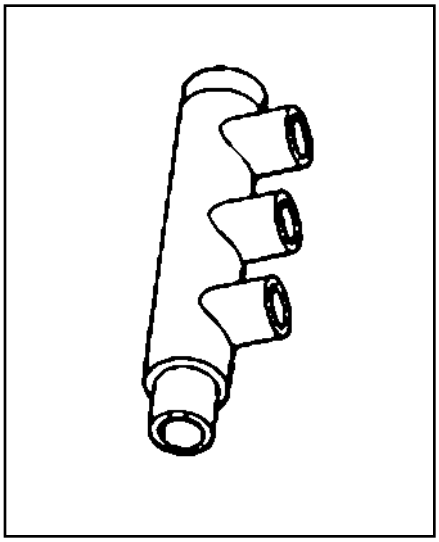
1500 AMPERES

MOLE™ Type ZML — A compact pre-insulated junction for secondary network cabes, with multiple outlets for cable clamping elements. Future expansion is provided for by an end outlet which can be joined to an additional MOLE™ by Type ZMS coupler.

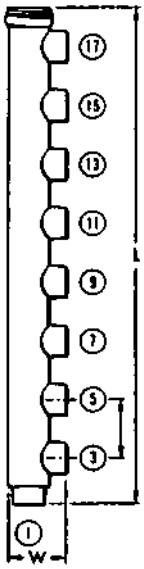
Outlet Plugs — MOLE™ outlet plugs that facilitate sealing outlets not being used are available on page K-31, Types Z-P and K-P.

Insulating Sleeves — Taping operations for watertight joints are greatly simplified by the use of BURNDY® NOTAPE™ Sleeves Type CM or MOLE™ Insulating Sleeves Type Z-C shown on pages K-35 - K-36.

Clamping Elements — Outlet Symbols A or B, refer to socket and nut Type Z-NR, and cone Type Z cable clamping elements accommodated. These must be ordered separately. Refer to pages K-32 - K-34 for complete listings.



MOLE™ DIMENSIONS



"W" dimension: 3"
Center to center distance between outlets: 3"

OUTLET RANGE: "A" 6 Str. - 600 kcmil
"B" 2 Str. - 1000 kcmil

K-12

Cable Outlet Arrangement	No. of Outlets	Catalog Number	Length Inches L	Approx. Ship. Wt. Lbs.
All Outlets **A**	2	**ZML2-15**	5	1.2
	3	**ZML3-15**	8	3.0
	4	**ZML4-15**	11	4.3
	5	**ZML5-15**	14	5.9
	6	**ZML6-15**	17	7.6
	7	**ZML7-15**	20	9.4
	8	**ZML8-15**	23	11
	9	**ZML9-15**	26	13
Outlet #1 **B** All Other Outlets **A**	2	**ZML2-15A3**	5	1.2
	3	**ZML3-15A3**	8	3.0
	4	**ZML4-15A3**	11	4.3
	5	**ZML5-15A3**	14	5.9
	6	**ZML6-15A3**	17	7.6
	7	**ZML7-15A3**	20	9.4
	8	**ZML0-15A3**	23	11
	9	**ZML9-15A3**	26	13

For outlet combinations not listed call customer service.

Blue highlighted items are industry standard and most frequently ordered.

MOLE™ TYPE ZMX

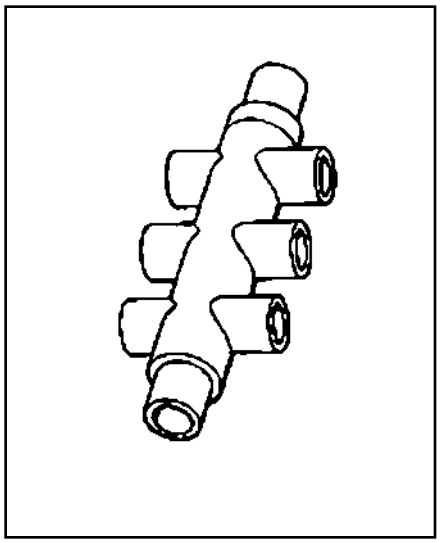
1500 AMPERES

MOLE™ Type ZMX — A compact pre-insulated junction for secondary network cables, with multiple outlets for cable clamping elements. Future expansion is provided for by an end outlet which can be joined to an additional MOLE™ by Type ZMS coupler.

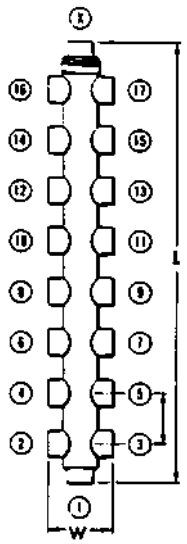
Outlet Plugs — MOLE™ outlet plugs that facilitate sealing outlets not being used are available on page K-31, Types Z-P and K-P.

Insulating Sleeves — Taping operations for watertight joints are greatly simplified by the use of BURNDY® NOTAPE™ Sleeves Type CM or MOLE™ Insulating Sleeves Type Z-C shown on pages K-35 - K-36.

Clamping Elements — Outlet Symbols A or B, refer to socket and nut Type Z-NR, and cone Type Z cable clamping elements accommodated. These must be ordered separately. Refer to pages K-32 - K-34 for complete listings.



MOLE™ DIMENSIONS



"W" dimension: 4 1/8" Center to center distance between outlets: 3"

OUTLET RANGE: **"A" 6 Str. - 600 kcmil**
"B" 2 Str. - 1000 kcmil

Cable Outlet Arrangement	No. of Outlets	Catalog Number	Length Inches L	Approx. Ship. Wt. Lbs.
All Outlets **A**	4	**ZMX4-15**	6	1.7
	6	**ZMX6-15**	9	3.4
	8	**ZMX8-15**	12	5.2
	10	**ZMX10-15**	15	6.9
	12	**ZMX12-15**	18	8.8
	14	**ZMX14-15**	21	11
	16	**ZMX16-15**	24	12
	18	**ZMX18-15**	27	14
Outlets #1 and X **B** All Other Outlets **B**	4	**ZMX4-15A4**	6	1.7
	6	**ZMX6-15A4**	9	3.4
	8	**ZMX8-15A4**	12	5.2
	10	**ZMX10-15A4**	15	6.9
	12	**ZMX12-15A4**	18	8.8
	14	**ZMX14-15A4**	21	11
	16	**ZMX16-15A4**	24	12
	18	**ZMX18-15A4**	27	14
Outlets #1 or X **B** All Other Outlets **A**	4	**ZMX4-15A3**	6	1.7
	6	**ZMX6-15A3**	9	3.4
	8	**ZMX8-15A3**	12	5.2
	10	**ZMX10-15A3**	15	6.9
	12	**ZMX12-15A3**	18	8.8
	14	**ZMX14-15A3**	21	11
	16	**ZMX16-15A3**	24	12
	18	**ZMX18-15A3**	27	14

For outlet combinations not listed call customer service.

Blue highlighted items are industry standard and most frequently ordered.

MOLE™ TYPE ZMK

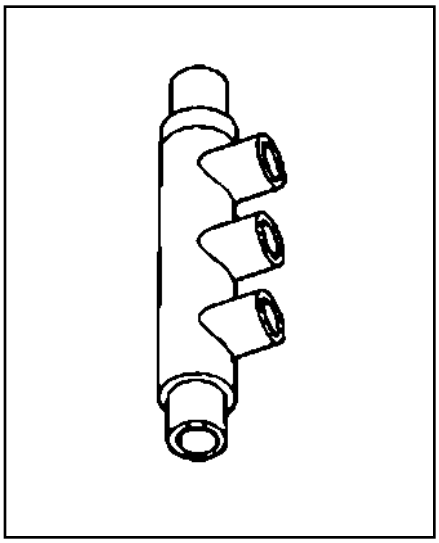
1500 AMPERES

MOLE™ Type ZMK — A compact pre-insulated junction for secondary network cables, with multiple outlets for cable clamping elements. Future expansion is provided for by an end outlet which can be joined to an additional MOLE™ by Type ZMS couplers.

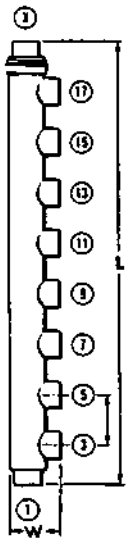
Outlet Plugs — MOLE™ outlet plugs that facilitate sealing outlets not being used are available on page K-31, Types Z-P and K-P.

Insulating Sleeves — Taping operations for watertight joints are greatly simplified by the use of BURNDY® NOTAPE™ Sleeves Type CM or MOLE™ Insulating Sleeves Type Z-C shown on pages K-35 - K-36.

Clamping Elements — Outlet Symbols A or B, refer to socket and nut Type Z-NR, and cone Type Z cable clamping elements accommodated. These must be ordered separately. Refer to pages K-32 - K-34 for complete listings.



MOLE™ DIMENSIONS



"W" dimension: 3"
Center to center distance between outlets: 3"

OUTLET RANGE: "A" 6 Str. - 600 kcmil
"B" 2 Str. - 1000 kcmil

Cable Outlet Arrangement	No. of Outlets	Catalog Number	Length Inches L	Approx. Ship. Wt. Lbs.
All Outlets **A**	4	**ZMK4-15**	9	3.3
	5	**ZMK5-15**	12	5.0
	6	**ZMK6-15**	15	6.8
	7	**ZMK7-15**	18	8.7
	8	**ZMK8-15**	21	11
	9	**ZMK9-15**	24	12
	10	**ZMK10-15**	27	14
Outlets #1 and X **B** All Other Outlets **A**	4	**ZMK4-15A4**	9	3.3
	5	**ZMK5-15A4**	12	5.0
	6	**ZMK6-15A4**	15	6.8
	7	**ZMK7-15A4**	18	8.7
	8	**ZMK8-15A4**	21	11
	9	**ZMK9-15A4**	24	12
	10	**ZMK10-15A4**	27	14
Outlets #1 or X **B** All Other Outlets **A**	4	**ZMK4-15A3**	9	3.3
	5	**ZMK5-15A3**	12	5.0
	6	**ZMK6-15A3**	15	6.8
	7	**ZMK7-15A3**	18	8.7
	8	**ZMK8-15A3**	21	11
	9	**ZMK9-15A3**	24	12
	10	**ZMK10-15A3**	27	14

For outlet combinations not listed call customer service.

MOLE™ TYPE ZM

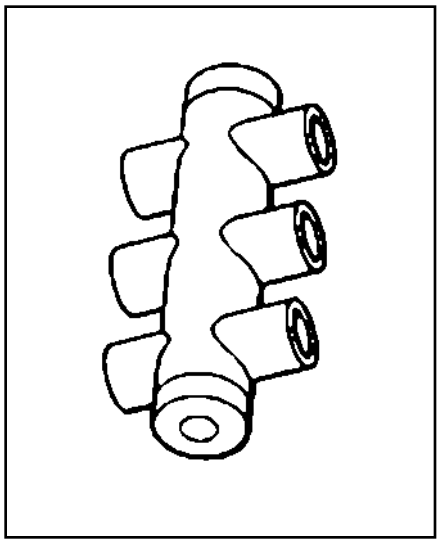
2000-2500 AMPERES

MOLE™ Type ZM — A compact pre-insulated junction for secondary network cables, with multiple outlets for cable clamping elements.

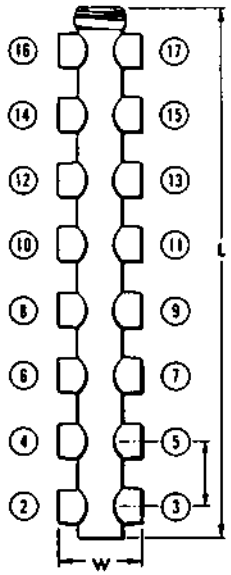
Outlet Plugs — MOLE™ outlet plugs that facilitate sealing outlets not being used are available on page K-31, Types Z-P and K-P.

Insulating Sleeves — Taping operations for watertight joints are greatly simplified by the use of BURNDY® NOTAPE™ Sleeves Type CM or MOLE™ Insulating Sleeves Type Z-C shown on pages K-35 - K-36.

Clamping Elements — Outlet Symbols A or B, refer to socket and nut Type Z-NR, and cone Type Z cable clamping elements accommodated. These must be ordered separately. Refer to pages K-32 - K-34 for complete listings.



MOLE™ DIMENSIONS



"W" dimension: 4½" Center to center distance between outlets: 3½"

OUTLET RANGE: **"A" 6 Str. - 600 kcmil**
"B" 2 Str. - 1000 kcmil

Cable Outlet Arrangement	No. of Outlets	Catalog Number	Length Inches L	Approx. Ship. Wt. Lbs.
All Outlets **A**	4	**ZM4-25**	8	4.4
	6	**ZM6-25**	11-1/2	7.0
	8	**ZM8-25**	15	9.7
	10	**ZM10-25**	18-1/2	13
	12	**ZM12-25**	22	14
	14	**ZM14-25**	25-1/2	15
	16	**ZM16-25**	29	18
All Outlets **B**	4	**ZM4-25B**	8	4.4
	6	**ZM6-25B**	11-1/2	7.0
	8	**ZM8-25B**	15	9.7
	10	**ZM10-25B**	18-1/2	13
	12	**ZM12-25B**	22	14
	14	**ZM14-25B**	25-1/2	15
	16	**ZM16-25B**	29	18

For outlet combinations not listed call customer service.

MOLE™ TYPE ZMT

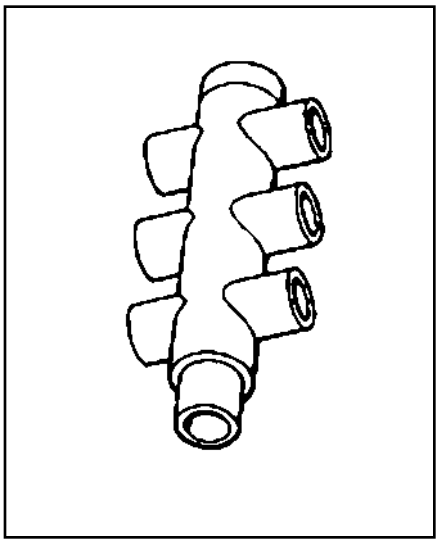
2000-2500 AMPERES

MOLE™ Type ZMT — A compact pre-insulated junction for secondary network cables, with multiple outlets for cable clamping elements. Future expansion is provided for by an end outlet which can be joined to an additional MOLE™ by Type ZMS coupler.

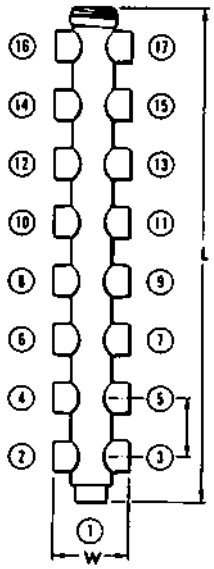
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Clamping Elements — Outlet Symbols A or B, refer to socket and nut Type Z-NR, and cone Type Z cable clamping elements accommodated. These must be ordered separately. Refer to pages K-32 - K-34 for complete listings.



MOLE™ DIMENSIONS



"W" dimension: 4½" Center to center distance between outlets: 3½"

OUTLET RANGE: "A" 6 Str. - 600 kcmil
"B" 2 Str. - 1000 kcmil

Cable Outlet Arrangement	No. of Outlets	Catalog Number	Length Inches L	Approx. Ship. Wt. Lbs.
All Outlets **A**	3	**ZMT3-25**	5-1/2	1.9
	5	**ZMT5-25**	9	5.8
	7	**ZMT7-25**	12-1/2	8.0
	9	**ZMT9-25**	16	12
	11	**ZMT11-25**	19-1/2	14
	13	**ZMT13-25**	23	17
	15	**ZMT15-25**	26-1/2	18
	17	**ZMT17-25**	30	19
Outlet #1 **B** All Other Outlets **A**	3	**ZMT3-25A3**	5-1/2	1.9
	5	**ZMT5-25A3**	9	5.8
	7	**ZMT7-25A3**	12-1/2	8.0
	9	**ZMT9-25A3**	16	12
	11	**ZMT11-25A3**	19-1/2	14
	13	**ZMT13-25A3**	23	17
	15	**ZMT15-25A3**	26-1/2	18
	17	**ZMT17-25A3**	30	19
Outlet #1 **A** All Other Outlets **B**	3	**ZMT3-25B12**	5-1/2	1.9
	5	**ZMT5-25B12**	9	5.8
	7	**ZMT7-25B12**	12-1/2	8.0
	9	**ZMT9-25B12**	16	12
	11	**ZMT11-25B12**	19-1/2	14
	13	**ZMT13-25B12**	23	17
	15	**ZMT15-25B12**	26-1/2	18
	17	**ZMT17-25B12**	30	19
All Outlets **B**	3	**ZMT3-258**	5-1/2	1.9
	5	**ZMT5-25B**	9	5.8
	7	**ZMT7-25B**	12-1/2	8.0
	9	**ZMT9-25B**	16	12
	11	**ZMT11-25B**	19-1/2	14
	13	**ZMT13-25B**	23	17
	15	**ZMT15-25B**	26-1/2	18
	17	**ZMT17-25B**	30	19

For outlet combinations not listed call customer service.

Blue highlighted items are industry standard and most frequently ordered.

MOLE™ TYPE ZME

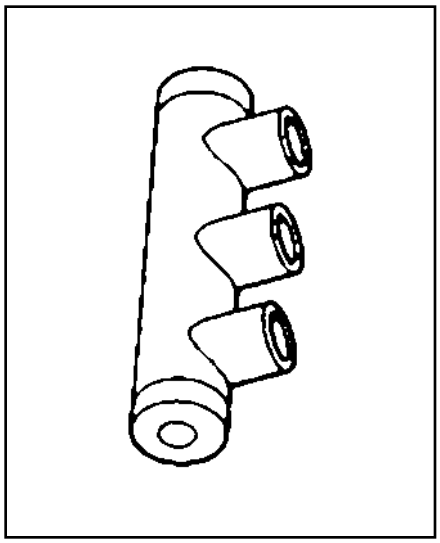
2000-2500 AMPERES

MOLE™ Type ZME — A compact pre-insulated junction for secondary network cables, with multiple outlets for cable clamping elements.

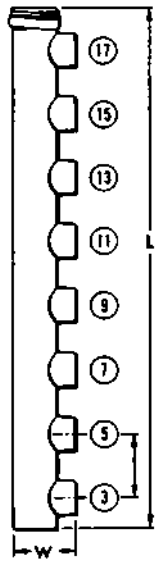
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Clamping Elements — Outlet Symbols A or B, refer to socket and nut Type Z-NR, and cone Type Z cable clamping elements accommodated. These must be ordered separately. Refer to pages K-32 - K-34 for complete listings.



MOLE™ DIMENSIONS



"W" dimension: $3^{7}/_{16}$"
Center to center distance between outlets: $3^{1}/_{2}$"

OUTLET RANGE: **"A" 6 Str. - 600 kcmil**
"B" 2 Str. - 1000 kcmil

Cable Outlet Arrangement	No. of Outlets	Catalog Number	Length Inches L	Approx. Ship. Wt. Lbs.
All Outlets **A**	2	**ZME2-25**	8	4.3
	3	**ZME3-25**	11-1/2	6.9
	4	**ZME4-25**	15	9.5
	5	**ZME5-25**	18-1/2	12
	6	**ZME6-25**	22	14
	7	**ZME7-25**	25-1/2	15
	8	**ZME8-25**	29	17
All Outlets **B**	2	**ZME2-25B**	8	4.3
	3	**ZME3-25B**	11-1/2	6.9
	4	**ZME4-25B**	15	9.5
	5	**ZME5-25B**	18-1/2	12
	6	**ZME6-25B**	22	14
	7	**ZME7-25B**	25-1/2	15
	8	**ZME8-25B**	29	17

For outlet combinations not listed call customer service.

Blue highlighted items are industry standard and most frequently ordered.

MOLE™ TYPE ZML

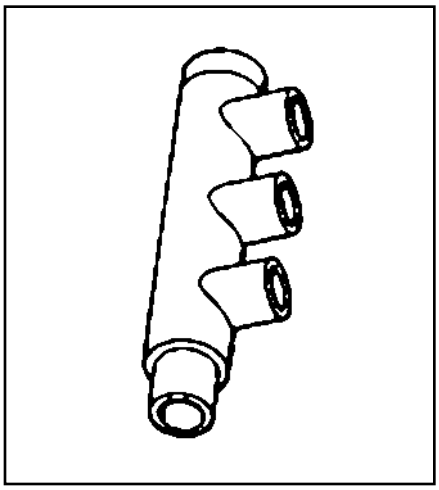
2000-2500 AMPERES

MOLE™ Type ZML — A compact pre-insulated junction for secondary network cables, with multiple outlets for cable clamping elements. Future expansion is provided for by an end outlet which can be joined to an additional MOLE™ by Type ZMS coupler.

Outlet Plugs — MOLE™ outlet plugs that facilitate sealing outlets not being used are available on page K-31, Types Z-P and K-P.

Insulating Sleeves — Taping operations for watertight joints are greatly simplified by the use of BURNDY® NOTAPE™ Sleeves Type CM or MOLE™ Insulating Sleeves Type Z-C shown on pages K-35 - K-36.

Clamping Elements — Outlet Symbols A or B, refer to socket and nut Type Z-NR, and cone Type Z cable clamping elements accommodated. These must be ordered separately. Refer to pages K-32 - K-34 for complete listings.

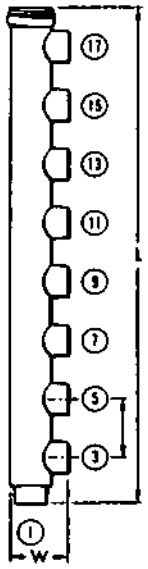


OUTLET RANGE: "A" 6 Str. - 600 kcmil
"B" 2 Str. - 1000 kcmil

Cable Outlet Arrangement	No. of Outlets	Catalog Number	Length Inches L	Approx. Ship. Wt. Lbs.
All Outlets **A**	2	**ZML2-25**	5-1/2	1.8
	3	**ZML3-25**	9	5.8
	4	**ZML4-25**	12-1/2	7.9
	5	**ZML5-25**	16	12
	6	**ZML6-25**	19-1/2	14
	7	**ZML7-25**	23	16
	8	**ZML8-25**	26-1/2	17
	9	**ZML9-25**	30	19
Outlet #1 **B** All Other Outlets **A**	2	**ZML2-25A3**	5-1/2	1.8
	3	**ZML3-25A3**	9	5.8
	4	**ZML4-25A3**	12-1/2	7.9
	5	**ZML5-25A3**	16	12
	6	**ZML6-25A3**	19-1/2	14
	7	**ZML7-25A3**	23	16
	8	**ZML8-25A3**	26-1/2	17
	9	**ZML9-25A3**	30	19
Outlet #1 **A** All Other Outlets **B**	2	**ZML2-25B12**	5-1/2	1.8
	3	**ZML3-25B12**	9	5.8
	4	**ZML4-25B12**	12-1/2	7.9
	5	**ZML5-25B12**	16	12
	6	**ZML6-25B12**	19-1/2	14
	7	**ZML7-25B12**	23	16
	8	**ZML8-25B12**	26-1/2	17
	9	**ZML9-25B12**	30	19
All Outlets **B**	2	**ZML2-25B**	5-1/2	1.8
	3	**ZML3-258**	9	5.8
	4	**ZML4-25B**	12-1/2	7.9
	5	**ZML5-25B**	16	12
	6	**ZML6-25B**	19-1/2	14
	7	**ZML7-25B**	23	16
	8	**ZML8-25B**	26-1/2	17
	9	**ZML9-25B**	30	19

For outlet combinations not listed call customer service.

MOLE™ DIMENSIONS



"W" dimension: $3^{7}/_{16}$"
Center to center distance between outlets: $3^{1}/_{2}$"

Blue highlighted items are industry standard and most frequently ordered.

MOLE™ TYPE ZMX

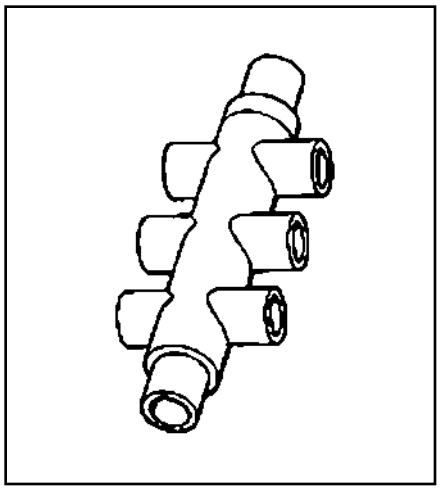
2000-2500 AMPERES

MOLE™ Type ZMX — A compact pre-insulated junction for secondary network cables, with multiple outlets for cable clamping elements. Future expansion is provided for by an outlet on each end which can be joined to additional MOLEs by Type ZMS coupler.

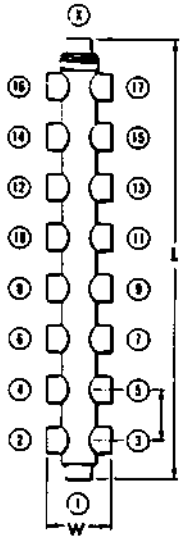
Outlet Plugs — MOLE™ outlet plugs that facilitate sealing outlets not being used are available on page K-31, Types Z-P and K-P.

Insulating Sleeves — Taping operations for watertight joints are greatly simplified by the use of BURNDY® NOTAPE™ Sleeves Type CM or MOLE™ Insulating Sleeves Type Z-C shown on pages K-35 - K-36.

Clamping Elements — Outlet Symbols A or B, refer to socket and nut Type Z-NR, and cone Type Z cable clamping elements accommodated. These must be ordered separately. Refer to pages K-32 - K-34 for complete listings.



MOLE™ DIMENSIONS



"W" dimension: 4½" Center to center distance between outlets: 3½"

OUTLET RANGE: "A" 6 Str. - 600 kcmil
"B" 2 Str. - 1000 kcmil

Cable Outlet Arrangement	No. of Outlets	Catalog Number	Length Inches L	Approx. Ship. Wt. Lbs.
All Outlets **A**	4	**ZMX4-25**	6-1/2	2.5
	6	**ZMX6-25**	10	6.5
	8	**ZMX8-25**	13-1/2	9.3
	10	**ZMX10-25**	17	12
	12	**ZMX12-25**	20-1/2	15
	14	**ZMX14-25**	24	17
	16	**ZMX16-25**	27-1/2	18
	18	**ZMX18-25**	31	19
Outlet #1 and X **B** All Other Outlets **A**	4	**ZMX4-25A4**	6-1/2	2.5
	6	**ZMX6-25A4**	10	6.5
	8	**ZMX8-25A4**	13-1/2	9.3
	10	**ZMX10-25A4**	17	12
	12	**ZMX12-25A4**	20-1/2	15
	14	**ZMX14-25A4**	24	17
	16	**ZMX16-25A4**	27-1/2	18
	18	**ZMX18-25A4**	31	19
Outlet #1 **A** All Other Outlets **B**	4	**ZMX4-25B12**	6-1/2	2.5
	6	**ZMX6-25B12**	10	6.5
	8	**ZMX8-25B12**	13-1/2	9.3
	10	**ZMX10-25B12**	17	12
	12	**ZMX12-25B12**	20-1/2	15
	14	**ZMX14-25B12**	24	17
	16	**ZMX16-25B12**	27-1/2	18
	18	**ZMX18-25B12**	31	19
All Outlets **B**	4	**ZMX4-25B**	6-1/2	2.5
	6	**ZMX6-25B**	10	6.5
	8	**ZMX8-25B**	13-1/2	9.3
	10	**ZMX10-25B**	17	12
	12	**ZMX12-25B**	20-1/2	15
	14	**ZMX14-25B**	24	17
	16	**ZMX16-25B**	27-1/2	18
	18	**ZMX18-25B**	31	19

For outlet combinations not listed call customer service.

Blue highlighted items are industry standard and most frequently ordered.

MOLE™ TYPE ZMK

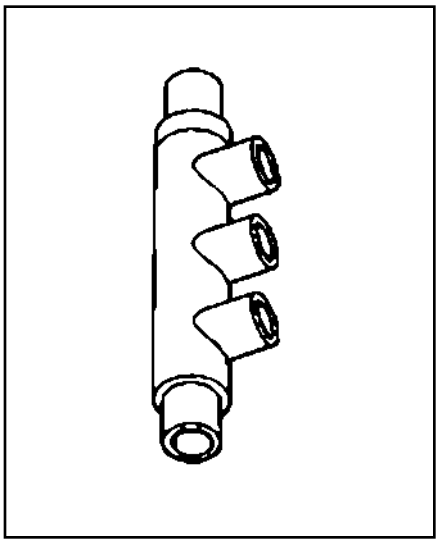
2000-2500 AMPERES

MOLE™ Type ZMK — A compact pre-insulated junction for secondary network cables, with multiple outlets for cable clamping elements. Future expansion is provided for by an outlet on each end which can be joined to additional MOLE™ by Type ZMS coupler.

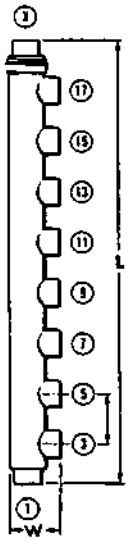
Outlet Plugs — MOLE™ outlet plugs that facilitate sealing outlets not being used are available on page K-31, Types Z-P and K-P.

Insulating Sleeves — Taping operations for watertight joints are greatly simplified by the use of BURNDY® NOTAPE™ Sleeves Type CM or MOLE™ Insulating Sleeves Type Z-C shown on pages K-35 - K-36.

Clamping Elements — Outlet Symbols A or B, refer to socket and nut Type Z-NR, and cone Type Z cable clamping elements accommodated. These must be ordered separately. Refer to pages K-32 - K-34 for complete listings.



MOLE™ DIMENSIONS



"W" dimension: 3 7/16"
Center to center distance between outlets: 3 1/2"

OUTLET RANGE: **"A" 6 Str. - 600 kcmil**
"B" 2 Str. - 1000 kcmil

Cable Outlet Arrangement	No. of Outlets	Catalog Number	Length Inches L	Approx. Ship. Wt. Lbs.
All Outlets **A**	4	**ZMK4-25**	10	6.3
	5	**ZMK5-25**	13-1/2	9.1
	6	**ZMK6-25**	17	12
	7	**ZMK7-25**	20-1/2	15
	8	**ZMK8-25**	24	17
	9	**ZMK9-25**	27-1/2	18
	10	**ZMK10-25**	31	19
Outlet #1 and X **B** All Other Outlets **A**	4	**ZMK4-25A4**	10	6.3
	5	**ZMK5-25A4**	13-1/2	9.1
	6	**ZMK6-25A4**	17	12
	7	**ZMK7-25A4**	20-1/2	15
	8	**ZMK8-25A4**	24	17
	9	**ZMK9-25A4**	27-1/2	18
	10	**ZMK10-25A4**	31	19
Outlet #1 **A** All Other Outlets **B**	4	**ZMK4-25B12**	10	6.3
	5	**ZMK5-25B12**	13-1/2	9.1
	6	**ZMK6-25B12**	17	12
	7	**ZMK7-25B12**	20-1/2	15
	8	**ZMK8-25B12**	24	17
	9	**ZMK9-25B12**	27-1/2	18
	10	**ZMK10-25B12**	31	19
All Outlets **B**	4	**ZMK4-25B**	10	6.3
	5	**ZMK5-25B**	13-1/2	9.1
	6	**ZMK6-25B**	17	12
	7	**ZMK7-25B**	20-1/2	15
	8	**ZMK8-25B**	24	17
	9	**ZMK9-25B**	27-1/2	18
	10	**ZMK10-25B**	31	19

For outlet combinations not listed call customer service.

Blue highlighted items are industry standard and most frequently ordered.

MOLE™ TYPE ZM

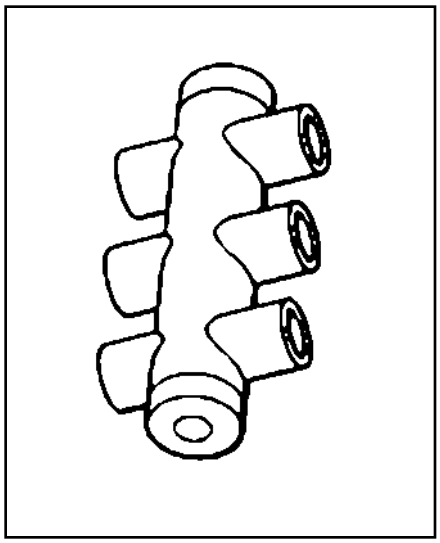
3000 AMPERES

MOLE™ Type ZM — A compact pre-insulated junction for secondary network cables, with multiple outlets for cable clamping elements.

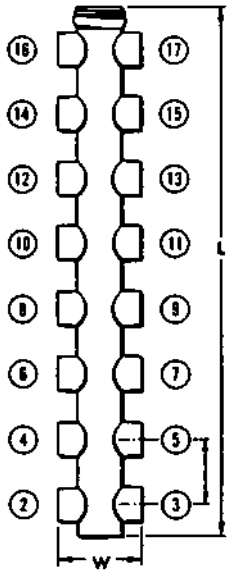
Outlet Plugs — MOLE™ outlet plugs that facilitate sealing outlets not being used are available on page K-31, Types Z-P and K-P.

Insulating Sleeves — Taping operations for watertight joints are greatly simplified by the use of BURNDY® NOTAPE™ Sleeves Type CM or MOLE™ Insulating Sleeves Type Z-C shown on pages K-35 - K-36.

Clamping Elements — Outlet Symbols A or B, refer to socket and nut Type Z-NR, and cone Type Z cable clamping elements accommodated. These must be ordered separately. Refer to pages K-32 - K-34 for complete listings.



MOLE™ DIMENSIONS



"W" dimension: 5"
Center to center distance between outlets: 3⅜"

OUTLET RANGE: **"A" 6 Str. - 600 kcmil**
"B" 2 Str. - 1000 kcmil

Cable Outlet Arrangement	No. of Outlets	Catalog Number	Length Inches L	Approx. Ship. Wt. Lbs.
All Outlets **A**	4	**ZM4-30**	6-15/16	6.8
	6	**ZM6-30**	10-5/16	11
	8	**ZM8-30**	13-11/16	15
	10	**ZM10-30**	17-1/16	20
	12	**ZM12-30**	20-7/16	24
	14	**ZM14-30**	23-13/16	28
	16	**ZM16-30**	27-3/16	33
All Outlets **B**	4	**ZM4-30B**	6-15/16	6.8
	6	**ZM6-30B**	10-5/16	11
	8	**ZM8-30B**	13-11/16	15
	10	**ZM10-30B**	17-1/16	20
	12	**ZM12-30B**	20-7/16	24
	14	**ZM14-30B**	23-13/16	28
	16	**ZM16-30B**	27-3/16	33

For outlet combinations not listed call customer service.

Blue highlighted items are industry standard and most frequently ordered.

MOLE™ TYPE ZMT

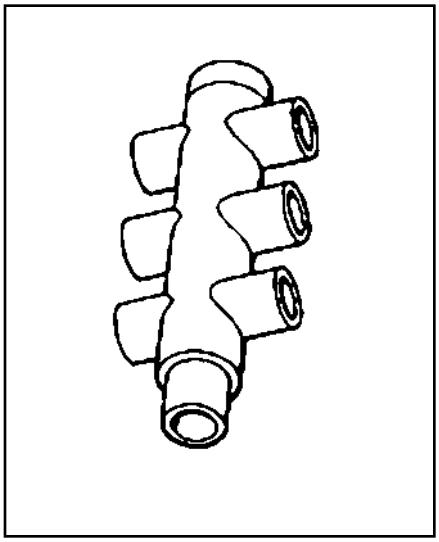
3000 AMPERES

MOLE™ Type ZMT — A compact pre-insulated junction for secondary network cables, with multiple outlets for cable clamping elements. Future expansion is provided for by an end outlet which can be joined to an additional MOLE™ by Type ZMS coupler.

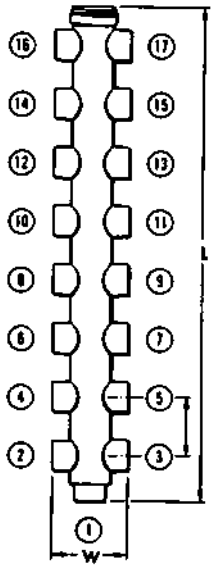
Outlet Plugs — MOLE™ outlet plugs that facilitate sealing outlets not being used are available on page K-31, Types Z-P and K-P.

Insulating Sleeves — Taping operations for watertight joints are greatly simplified by the use of BURNDY® NOTAPE™ Sleeves Type CM or MOLE™ Insulating Sleeves Type Z-C shown on pages K-35 - K-36.

Clamping Elements — Outlet Symbols A or B, refer to socket and nut Type Z-NR, and cone Type Z cable clamping elements accommodated. These must be ordered separately. Refer to pages K-32 - K-34 for complete listings.



MOLE™ DIMENSIONS



"W" dimension: 5" Center to center distance between outlets: 3 3/8"

OUTLET RANGE: "A" 6 Str. - 600 kcmil
"B" 2 Str. - 1000 kcmil

Cable Outlet Arrangement	No. of Outlets	Catalog Number	Length Inches L	Approx. Ship. Wt. Lbs.
All Outlets **A**	3	**ZMT3-30**	5-1/2	2.8
	5	**ZMT5-30**	9-1/8	7.4
	7	**ZMT7-30**	12-1/2	12
	9	**ZMT9-30**	15-7/8	16
	11	**ZMT11-30**	19-1/4	21
	13	**ZMT13-30**	22-5/8	26
	15	**ZMT15-30**	26	30
	17	**ZMT17-30**	29-3/8	35
All Outlets **B**	3	**ZMT3-30B**	5-1/2	2.8
	5	**ZMT5-30B**	9-1/8	7.4
	7	**ZMT7-30B**	12-1/2	12
	9	**ZMT9-30B**	15-7/8	16
	11	**ZMT11-30B**	19-1/4	21
	13	**ZMT13-30B**	22-5/8	26
	15	**ZMT15-30B**	26	30
	17	**ZMT17-30B**	29-3/8	35

For outlet combinations not listed call customer service.

MOLE™ TYPE ZME

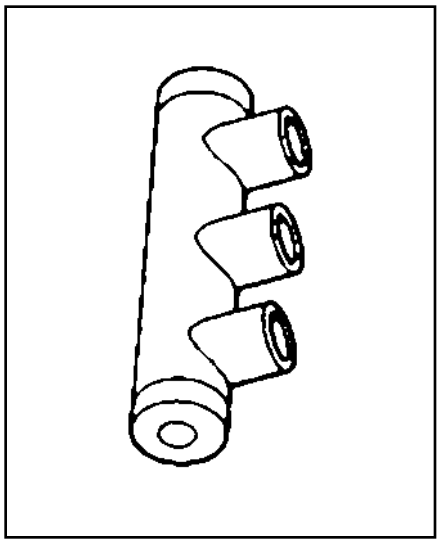
3000 AMPERES

MOLE™ Type ZME — A compact pre-insulated junction for secondary network cables, with multiple outlets for cable clamping elements.

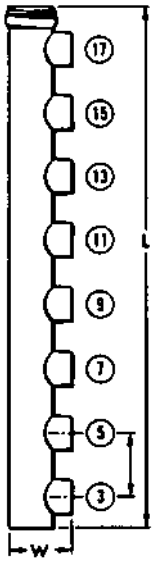
Outlet Plugs — MOLE™ outlet plugs that facilitate sealing outlets not being used are available on page K-31, Types Z-P and K-P.

Insulating Sleeves — Taping operations for watertight joints are greatly simplified by the use of BURNDY® NOTAPE™ Sleeves Type CM or MOLE™ Insulating Sleeves Type Z-C shown on pages K-35 - K-36.

Clamping Element — Outlet Symbols A or B, refer to socket and nut Type Z-NR, and cone Type Z cable clamping elements accommodated. These must be ordered separately. Refer to pages K-32 - K-34 for complete listings.



MOLE™ DIMENSIONS



"W" dimension: 4"
Center to center
distance between
outlets: 3⅜"

OUTLET RANGE: **"A" 6 Str. - 600 kcmil**
"B" 2 Str. - 1000 kcmil

Cable Outlet Arrangement	No. of Outlets	Catalog Number	Length Inches L	Approx. Ship. Wt. Lbs.
All Outlets **A**	2	**ZME2-30**	6-15/16	6.5
	3	**ZME3-30**	10-5/16	11
	4	**ZME4-30**	13-11/16	15
	5	**ZME5-30**	17-1/16	19
	6	**ZME6-30**	20-7/16	24
	7	**ZME7-30**	23-13/16	28
	8	**ZME8-30**	27-3/16	32
All Outlets **B**	2	**ZME2-30B**	6-15/16	6.8
	3	**ZME3-30B**	10-5/16	11
	4	**ZME4-30B**	13-11/16	15
	5	**ZME5-30B**	17-1/16	19
	6	**ZME6-30B**	20-7/16	24
	7	**ZME7-30B**	23-13/16	28
	8	**ZME8-30B**	27-3/16	32

For outlet combinations not listed call customer service.

MOLE™ TYPE ZML

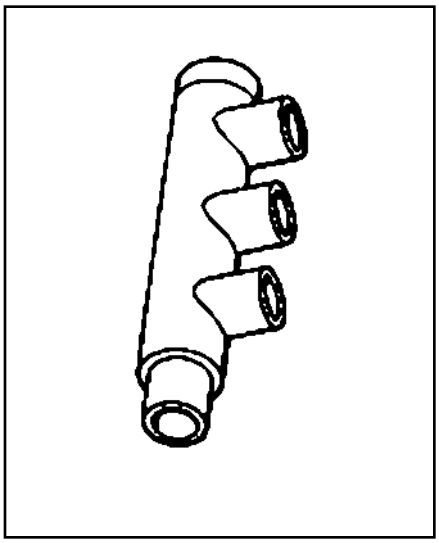
3000 AMPERES

MOLE™ Type ZML — A compact pre-insulated junction for secondary network cables, with multiple outlets for cable clamping elements. Future expansion is provided for by an end outlet which can be joined to an additional MOLE™ by Type ZMS coupler.

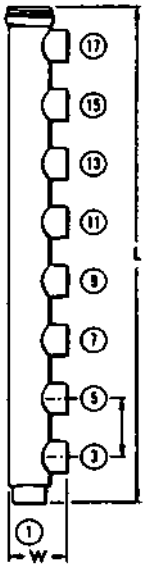
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Clamping Elements — Outlet Symbols A or B, refer to socket and nut Type Z-NR, and cone Type Z cable clamping elements accommodated. These must be ordered separately. Refer to pages K-32 - K-34 for complete listings.



MOLE™ DIMENSIONS



"W" dimension: 4" Center to center distance between outlets: 3⅜"

OUTLET RANGE: "A" 6 Str. - 600 kcmil
"B" 2 Str. - 1000 kcmil

Cable Outlet Arrangement	No. of Outlets	Catalog Number	Length Inches L	Approx. Ship. Wt. Lbs.
All Outlets **A**	2	**ZML2-30**	5-1/2	2.7
	3	**ZML3-30**	9-1/8	7.3
	4	**ZML4-30**	12-1/2	12
	5	**ZML5-30**	15-7/8	16
	6	**ZML6-30**	19-1/4	21
	7	**ZML7-30**	22-5/8	25
	8	**ZML8-30**	26	30
	9	**ZML9-30**	29-3/8	35
All Outlets **B**	2	**ZML2-30B**	5-1/2	2.7
	3	**ZML3-30B**	9-1/8	7.3
	4	**ZML4-308**	12-1/2	12
	5	**ZML5-30B**	15-7/8	16
	6	**ZML6-30B**	19-1/4	21
	7	**ZML7-30B**	22-5/8	25
	8	**ZML8-30B**	26	30
	9	**ZML9-30B**	29-3/8	35

For outlet combinations not listed call customer service.

MOLE™ TYPE ZMX

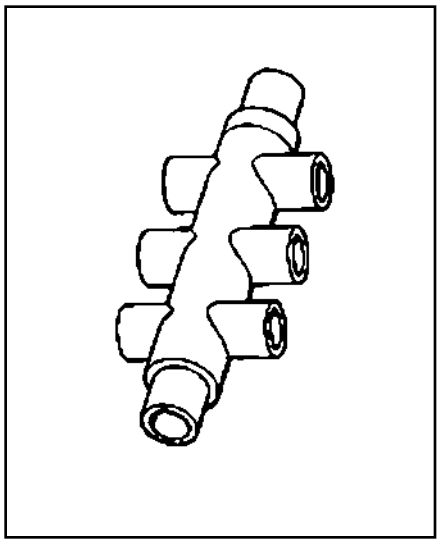
3000 AMPERES

MOLE™ Type ZMX — A compact pre-insulated junction for secondary network cables, with multiple outlets for cable clamping elements. Future expansion is provided for by an end outlet which can be joined to additional MOLE™ by Type ZMS couplers.

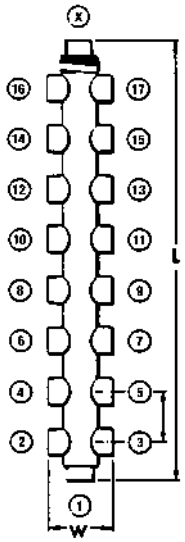
Outlet Plugs — MOLE™ outlet plugs that facilitate sealing outlets not being used are available on page K-31, Types Z-P and K-P.

Insulating Sleeves — Taping operations for watertight joints are greatly simplified by the use of BURNDY® NOTAPE™ Sleeves Type CM or MOLE™ Insulating Sleeves Type Z-C shown on pages K-35 - K-36.

Clamping Elements — Outlet Symbols A or B, refer to socket and nut Type Z-NR, and cone Type Z cable clamping elements accommodated. These must be ordered separately. Refer to pages K-32 - K-34 for complete listings.



MOLE™ DIMENSIONS



"W" dimension: 5"
Center to center distance between outlets: 3⅜"

OUTLET RANGE: **"A" 6 Str. - 600 kcmil**
"B" 2 Str. - 1000 kcmil

Cable Outlet Arrangement	No. of Outlets	Catalog Number	Length Inches L	Approx. Ship. Wt. Lbs.
All Outlets **A**	4	**ZMX4-30**	6-1/2	3.9
	6	**ZMX6-30**	10-1/8	8.9
	8	**ZMX8-30**	13-1/2	13
	10	**ZMX10-30**	16-7/8	18
	12	**ZMX12-30**	20-1/4	23
	14	**ZMX14-30**	23-5/8	27
	16	**ZMX16-30**	27	31
	18	**ZMX18-30**	30-3/8	35
All Outlets **B**	4	**ZMX4-30B**	6-5/8	3.9
	6	**ZMX6-30B**	10-1/4	8.9
	8	**ZMX8-30B**	13-5/8	13
	10	**ZMX10-30B**	17	18
	12	**ZMX12-30B**	20-3/8	23
	14	**ZMX14-30B**	23-3/4	27
	16	**ZMX16-30B**	27-1/8	31
	18	**ZMX18-30B**	30-1/2	35

For outlet combinations not listed call customer service.

MOLE™ TYPE ZMK

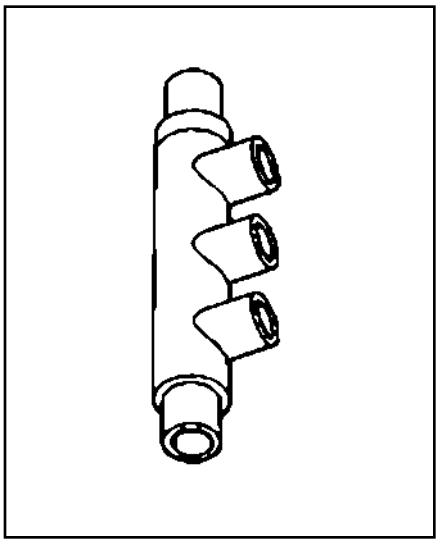
3000 AMPERES

MOLE™ Type ZMK — A compact pre-insulated junction for secondary network cables, with multiple outlets for cable clamping elements. Future expansion is provided for by an outlet on each end which can be joined to additional MOLE™ by Type ZMS couplers.

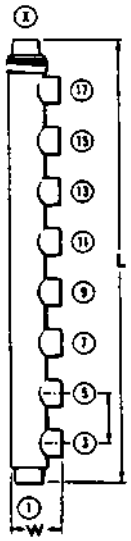
Outlet Plugs — MOLE™ outlet plugs that facilitate sealing outlets not being used are available on page K-31, Types Z-P and K-P.

Insulating Sleeves — Taping operations for watertight joints are greatly simplified by the use of BURNDY® NOTAPE™ Sleeves Type CM or MOLE™ Insulating Sleeves Type Z-C shown on pages K-35 - K-36.

Clamping Elements — Outlet Symbols A or B, refer to socket and nut Type Z-NR, and cone Type Z cable clamping elements accommodated. These must be ordered separately. Refer to pages K-32 - K-34 for complete listings.



MOLE™ DIMENSIONS



"W" dimension: 4"
Center to center distance between outlets: 3⅜"

OUTLET RANGE: "A" 6 Str. - 600 kcmil
"B" 2 Str. - 1000 kcmil

Cable Outlet Arrangement	No. of Outlets	Catalog Number	Length Inches L	Approx. Ship. Wt. Lbs.
All Outlets **A**	4	**ZMK4-30**	10-1/8	8.8
	5	**ZMK5-30**	13-1/2	13
	6	**ZMK6-30**	16-7/8	18
	7	**ZMK7-30**	20-1/4	23
	8	**ZMK8-30**	23-5/8	27
	9	**ZMK9-30**	27	31
	10	**ZMK10-30**	30-3/8	35
All Outlets **B**	4	**ZMK4-30B**	10-1/4	8.8
	5	**ZMK5-30B**	13-5/8	13
	6	**ZMK6-30B**	17	18
	7	**ZMK7-30B**	20-3/8	23
	8	**ZMK8-30B**	23-3/4	27
	9	**ZMK9-30B**	27-1/8	31
	10	**ZMK10-30B**	30-1/2	35

For outlet combinations not listed call customer service.

TYPE ZMLDN

MOLE™ STUD CONNECTOR

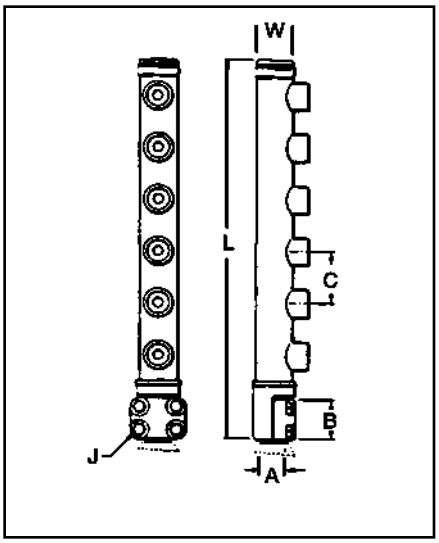
For Connecting Copper
Cables to Network Protector

To terminate one or more cables at the studs of distribution transformers, network protectors or other apparatus. The body, except for the stud clamping element is completely insulated. A separate clamping cap over the stud is provided that permits easy removal of the MOLE™ Stud Connector. This permits work to be done on the Network Protector without unduly disturbing the cables.

Outlet Plugs — MOLE™ outlet plugs that facilitate sealing outlets not being used are available on page K-31, Types Z-P and K-P.

Insulating Sleeves — Taping operations for watertight joints are greatly simplified by the use of BURNDY® NOTAPE™ Sleeves Type CM or MOLE™ Insulating Sleeves Type Z-C shown on pages K-35 - K-36.

Clamping Elements — Outlet Symbols A or B, refer to socket and nut Type Z-NR, and cone Type Z cable clamping elements accommodated. These must be ordered separately. Refer to pages K-32 - K-34 for complete listings.



OUTLET RANGE: **"A" 6 Str. - 600 kcmil**
"B" 2 Str. - 1000 kcmil

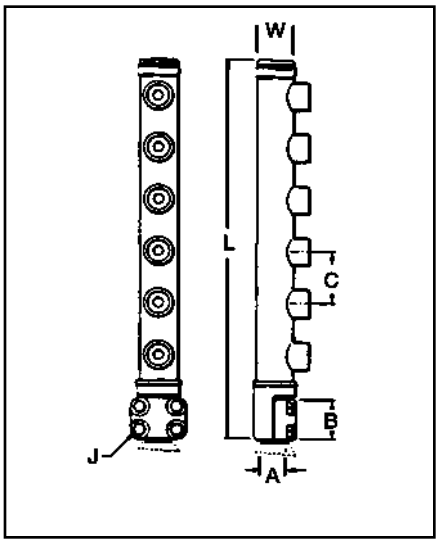
Ampere Capacity	Cable Outlet Arrangement	*No. of Outlets	Catalog Number	A		Dimensions in Inches					Approx. Ship Wt. Lbs.
				Stud Dia.	Threads per Inch	B	C	J	L	W	
1500	All Outlets **A**	1	**ZMLDN1-15**	1-1/2	12	2-11/16	—	1/2	7-3/8	3	4.7
		2	**ZMLDN2-15**	1-1/2	12	2-11/16	3	1/2	10-3/8	3	6.8
		3	**ZMLDN3-15**	1-1/2	12	2-11/16	3	1/2	13-3/8	3	8.8
		4	**ZMLDN4-15**	1-1/2	12	2-11/16	3	1/2	16-3/8	3	11
		5	**ZMLDN5-15**	1-1/2	12	2-11/16	3	1/2	19-3/8	3	13.3
		6	**ZMLDN6-15**	1-1/2	12	2-11/16	3	1/2	22-3/8	3	15.5
2000	All Outlets **A**	1	**ZMLDN1-20**	1-1/2	12	2-11/16	—	1/2	7-7/8	3-7/16	8.5
		2	**ZMLDN2-20**	1-1/2	12	2-11/16	3-1/2	1/2	11-3/8	3-7/16	12
		3	**ZMLDN3-20**	1-1/2	12	2-11/16	3-1/2	1/2	14-7/8	3-7/16	14
		4	**ZMLDN4-20**	1-1/2	12	2-11/16	3-1/2	1/2	18-3/8	3-7/16	17
		5	**ZMLDN5-20**	1-1/2	12	2-11/16	3-1/2	1/2	21-7/8	3-7/16	20
		6	**ZMLDN6-20**	1-1/2	12	2-11/16	3-1/2	1/2	25-3/8	3-7/16	23
	All Outlets **B**	1	**ZMLDN1-20B**	1-1/2	12	2-11/16	—	1/2	7-7/8	3-7/16	8.5
		2	**ZMLDN2-20B**	1-1/2	12	2-11/16	3-1/2	1/2	11-3/8	3-7/16	12
		3	**ZMLDN3-20B**	1-1/2	12	2-11/16	3-1/2	1/2	14-7/8	3-7/16	14
		4	**ZMLDN4-20B**	1-1/2	12	2-11/16	3-1/2	1/2	18-3/8	3-7/16	17
		5	**ZMLDN5-20B**	1-1/2	12	2-11/16	3-1/2	1/2	21-7/8	3-7/16	20
		6	**ZMLDN6-20B**	1-1/2	12	2-11/16	3-1/2	1/2	25-3/8	3-7/16	23

*Can be furnished with more than 6 outlets.

Blue highlighted items are industry standard and most frequently ordered.

TYPE ZMLDN

MOLE™ STUD CONNECTOR
(Continued)



OUTLET RANGE: **"A" 6 Str. - 600 kcmil**
"B" 2 Str. - 1000 kcmil

Ampere Capacity	Cable Outlet Arrangement	*No. of Outlets	Catalog Number	A		Dimensions in Inches					Approx. Ship Wt. Lbs.
				Stud Dia.	Threads per Inch	B	C	J	L	W	
2500	All Outlets **A**	1	**ZMLDN1-25**	3	12	3-1/4	—	5/8	8-27/32	3-7/16	11.8
		2	**ZMLDN2-25**	3	12	3-1/4	3-1/2	5/8	12-11/32	3-7/16	17
		3	**ZMLDN3-25**	3	12	3-1/4	3-1/2	5/8	15-27/32	3-7/16	19.5
		4	**ZMLDN4-25**	3	12	3-1/4	3-1/2	5/8	19-11/32	3-7/16	23.7
		5	**ZMLDN5-25**	3	12	3-1/4	3-1/2	5/8	22-27/32	3-7/16	28
		6	**ZMLDN6-25**	3	12	3-1/4	3-1/2	5/8	26-11/32	3-7/16	32
	All Outlets **B**	1	**ZMLDN1-25B**	3	12	3-1/4	—	5/8	8-27/32	3-7/16	11.8
		2	**ZMLDN2-25B**	3	12	3-1/4	3-1/2	5/8	12-11/32	3-7/16	17
		3	**ZMLDN3-25B**	3	12	3-1/4	3-1/2	5/8	15-27/32	3-7/16	19.5
		4	**ZMLDN4-25B**	3	12	3-1/4	3-1/2	5/8	19-11/32	3-7/16	23.7
		5	**ZMLDN5-25B**	3	12	3-1/4	3-1/2	5/8	22-27/32	3-7/16	28
		6	**ZMLDN6-25B**	3	12	3-1/4	3-1/2	5/8	26-11/32	3-7/16	32
3000	All Outlets **A**	1	**ZMLDN1-30**	3	12	3-1/4	—	5/8	7-5/8	4	11.5
		2	**ZMLDN2-30**	3	12	3-1/4	3-3/8	5/8	11-1/4	4	16.8
		3	**ZMLDN3-30**	3	12	3-1/4	3-3/8	5/8	14-5/8	4	19
		4	**ZMLDN4-30**	3	12	3-1/4	3-3/8	5/8	18	4	23
		5	**ZMLDN5-30**	3	12	3-1/4	3-3/8	5/8	21-3/8	4	27
		6	**ZMLDN6-30**	3	12	3-1/4	3-3/8	5/8	24-3/4	4	31
	All Outlets **B**	1	**ZMLDN1-30B**	3	12	3-1/4	—	5/8	7-5/8	4	11.5
		2	**ZMLDN2-30B**	3	12	3-1/4	3-3/8	5/8	11-1/4	4	16.8
		3	**ZMLDN3-30B**	3	12	3-1/4	3-3/8	5/8	14-5/8	4	19
		4	**ZMLDN4-30B**	3	12	3-1/4	3-3/8	5/8	18	4	23
		5	**ZMLDN5-30B**	3	12	3-1/4	3-3/8	5/8	21-3/8	4	27
		6	**ZMLDN6-30B**	3	12	3-1/4	3-3/8	5/8	24-3/4	4	31

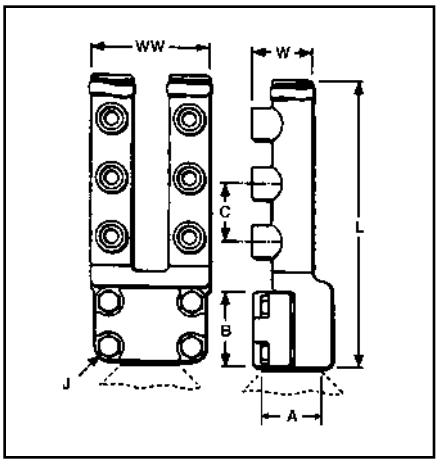
*Can be furnished with more than 6 outlets.
For outlet combinations not listed call customer service.

TYPE Z2MLDN

MOLE™ STUD CONNECTOR

For Connecting Copper
Cables to Network Protector

To terminate two or more cables at the studs of distribution transformers, network protectors or other apparatus. The body, except for the stud clamping element is completely insulated. A separate clamping cap over the stud is provided that permits easy removal of the MOLE™ Stud Connector. This permits work to be done on the Network Protector without unduly disturbing the cables.



Outlet Plugs — MOLE™ outlet plugs that facilitate sealing outlets not being used are available on page K-31, Types Z-P and K-P.

Insulating Sleeves — Taping operations for watertight joints are greatly simplified by the use of BURNDY® NOTAPE™ Sleeves Type CM or MOLE™ Insulating Sleeves Type Z-C shown on pages K-35 - K-36.

Clamping Elements — Outlet Symbols A or B, refer to socket and nut Type Z-NR, and cone Type Z cable clamping elements accommodated. These must be ordered separately. Refer to pages K-32 - K-34 for complete listings.

OUTLET RANGE: **"A" 6 Str. - 600 kcmil**
"B" 2 Str. - 1000 kcmil

Ampere Capacity	Cable Outlet Arrangement	*No. of Outlets	Catalog Number	A		Dimensions in Inches						Approx. Ship Wt. Lbs.
				Stud Dia.	Threads per Inch	B	C	J	L	W	WW	
2000 & Smaller	All Outlets A	2	Z2MLDN-2-20	1-1/2	12	2-11/16	—	1/2	8	3	5-3/16	5.8
		4	Z2MLDN4-20	1-1/2	12	2-11/16	3	1/2	11	3	5-3/16	9.4
		6	Z2MLDN6-20	1-1/2	12	2-11/16	3	1/2	14	3	5-3/16	13.2
2500 & 3000	All Outlets A	2	Z2MLDN2-30	3	12	3-1/4	—	5/8	9	3	6-1/2	7.3
		4	Z2MLDN4-30	3	12	3-1/4	3	5/8	12	3	6-1/2	12.5
		6	Z2MLDN6-30	3	12	3-1/4	3	5/8	15	3	6-1/2	16.3
	All Outlets B	2	Z2MLDN2-30B	3	12	3-1/4	—	5/8	9	3-1/2	6-1/2	11.2
		4	Z2MLDN4-30B	3	12	3-1/4	3-1/2	5/8	12-1/2	3-1/2	6-1/2	16.1
		6	Z2MLDN6-30B	3	12	3-1/4	3-1/2	5/8	16	3-1/2	6-1/2	21.3

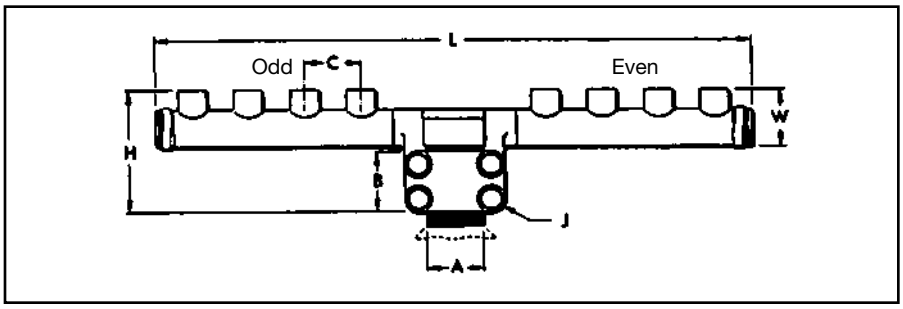
*Can be furnished with more than 6 outlets.
For outlet combinations not listed call customer service.

TYPE ZMDN

MOLE™ STUD CONNECTOR

For Connecting Copper Cables to Network Protector

To terminate one or more cables at the studs of distribution transformers, network protectors or other apparatus. The body, except for the stud clamping element is completely insulated. A separate clamping cap over the stud is provided that permit easy removal of the MOLE™ Stud Connector. This permits work to be done on the Network Protector without unduly disturbing the cables.



Outlet Plugs — MOLE™ outlet plugs that facilitate sealing outlets not being used are available on page K-31, Types Z-P and K-P.

Insulating Sleeves — Taping operations for watertight joints are greatly simplified by the use of BURNDY® NOTAPE™ Sleeves Type CM or MOLE™ Insulating Sleeves Type Z-C shown on pages K-35 - K-36.

Clamping Elements — Outlet Symbols A or B, refer to socket and nut Type Z-NR, and cone Type Z cable clamping elements accommodated. These must be ordered separately. Refer to pages K-32 - K-34 for complete listings.

OUTLET RANGE: "A" 6 Str. - 600 kcmil
"B" 2 Str. - 1000 kcmil

Ampere Capacity	Cable Outlet Arrangement	*No. of Outlets	Catalog Number	A		Dimensions in Inches						Approx. Ship Wt. Lbs.
				Stud Dia.	Threads per Inch	B	C	J	H	L	W	
2000 & Smaller	All Outlets A	3	ZMDN3-20	1-1/2	12	2-11/16	3-1/2	1/2	8-1/16	11-1/2	3-7/16	14.5
		4	ZMDN4-20	1-1/2	12	2-11/16	3-1/2	1/2	8-1/16	15	3-7/16	17.5
		5	ZMDN5-20	1-1/2	12	2-11/16	3-1/2	1/2	8-1/16	18-1/2	3-7/16	20.5
		6	ZMDN6-20	1-1/2	12	2-11/16	3-1/2	1/2	8-1/16	22	3-7/16	23.5
	All Outlets B	3	ZMDN3-20B	1-1/2	12	2-11/16	3-1/2	1/2	8-1/16	11-1/2	3-7/16	14.5
		4	ZMDN4-20B	1-1/2	12	2-11/16	3-1/2	1/2	8-1/16	15	3-7/16	17.5
		5	ZMDN5-20B	1-1/2	12	2-11/16	3-1/2	1/2	8-1/16	18-1/2	3-7/16	20.5
		6	ZMDN6-20B	1-1/2	12	2-11/16	3-1/2	1/2	8-1/16	22	3-7/16	23.5
2000 Through 2500	All Outlets A	3	ZMDN3-25	3	12	3-1/4	3-1/2	5/8	8-5/8	11-1/2	3-7/16	26.5
		4	ZMDN4-25	3	12	3-1/4	3-1/2	5/8	8-5/8	15	3-7/16	20.5
		5	ZMDN5-25	3	12	3-1/4	3-1/2	5/8	8-5/8	18-1/2	3-7/16	23.5
		6	ZMDN6-25	3	12	3-1/4	3-1/2	5/8	8-5/8	22	3-7/16	26.5

*Can be furnished with more than 6 outlets.
For outlet combinations not listed call customer service.
For connectors with an odd number of outlets the odd and even split of outlets will be as indicated in the diagram.

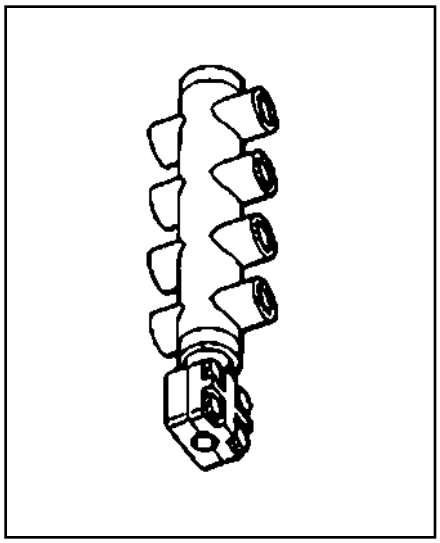
Blue highlighted items are industry standard and most frequently ordered.

TYPE ZMTDN

MOLE™ STUD CONNECTOR

For Connecting Copper
Cables to Network Protector

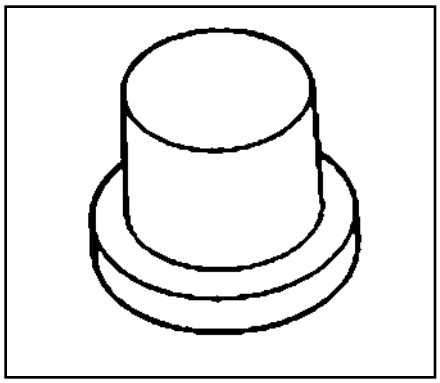
To terminate two or more cables at the studs of distribution transformers, network protectors or other apparatus. The body, except for the stud clamping element is completely insulated. A separate clamping cap over the stud is provided that permits easy removal of the MOLE™ Stud Connector. This permits work to be done on the Network Protector without unduly disturbing the cables.



TYPES Z-P AND K-P

MOLE™ OUTLET PLUGS

These plugs facilitate sealing MOLE™ outlets not being used.

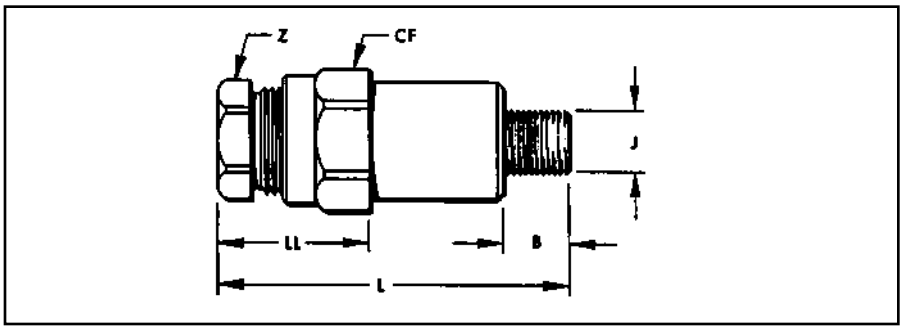


Catalog Number	Used On Outlet Size
Z29P	A
Z34P	B
K29P	KM MOLE
Z40P	C

TYPE Z-NR

SOCKET AND NUT ASSEMBLY

Designed for use with BURNDY® MOLEs. With the use of the proper compression cones (see pages 33-34) 14 sizes take a range of cables from No. 6 to 1000 kcmil. Their compact design lends them to easy effective taping. Insulating sleeves are available to keep taping to a minimum.



OUTLET RANGE: "A" 6 Str. - 600 kcmil
"B" 2 Str. - 1000 kcmil

To be Used in MOLE™ Outlet Size	Maximum Cable Accommodated by Socket	Stud Size J	Catalog Number	Dimensions in Inches					Approx. Ship Wt. in Lbs.
				B	CF (Cross Flats)	L	LL	Z (Cross Flats)	
A	4/0 Str.	5/8-18	**Z28NR**	17/32	1-1/8	3-7/16	1-1/2	7/8	.72
	250 kcmil	5/8-18	**Z29NR**	17/32	1-3/16	3-9/16	1-5/8	15/16	.76
	300 kcmil	5/8-18	**Z30NR**	17/32	1-1/4	3-5/8	1-11/16	1	.80
	400 kcmil	5/8-18	**Z32NR**	17/32	1-3/8	3-5/8	1-11/16	1-1/8	.90
	500 kcmil	5/8-18	**Z34NR**	17/32	1-1/2	3-11/16	1-3/4	1-1/4	1.2
	600 kcmil	5/8-18	**Z36NR**	17/32	1-1/2	3-13/16	1-7/8	1-5/16	1.4
	800 kcmil	5/8-18	**Z40NRA** ①	17/32	1-13/16	5-17/32	2-1/4	1-1/2	2.4
B	500 kcmil	7/8-14	**Z34NRB** ②	11/16	1-1/2	3-11/16	1-3/4	1-1/4	1.5
	800 kcmil	7/8-14	**Z40NR**	11/16	1-13/16	4-3/8	2-1/4	1-1/2	1.9
	1000 kcmil	7/8-14	**Z44NR**	11/16	1-15/16	6-1/16	2-7/16	1-5/8	2.5

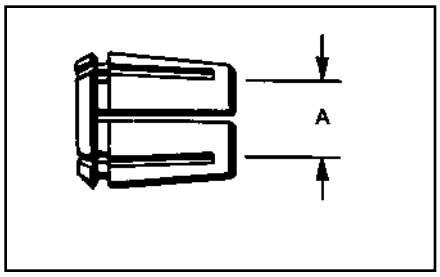
① Uses Insulating Sleeve Z104C4434 (see page 36).
② Uses Insulating Sleeve Z88C3429 (see page 36).

Blue highlighted items are industry standard and most frequently ordered.

TYPE Z

MOLE™ COMPRESSION CONE

For use with Socket and Nut assembly shown on page 32; the Z cone is machined to close tolerances to provide maximum secureness in gripping a wide range of cable sizes. Annular grooves in the inner barrel of the cone serve to further accomplish this result.



Cable Size	For Use with Socket and Nut Assembly. See Page K-32	Catalog Number	A Inches	App. Ship Wt. in Lbs. per C
#6 Str.	Z28NR	Z6C28	.183	8.0
#4 Str.		Z4C28	.231	7.5
#2 Str.		Z2C28	.291	7.0
1/0 Str.		Z2528	.373	6.0
3/0 Str.		Z2728	.470	4.3
4/0 Str.		Z2828	.528	3.3
#6 Str.	Z29NR	Z6C29	.183	9.5
#4 Str.		Z4C29	.231	9.3
#2 Str.		Z2C29	.291	8.5
#1 Str.		Z1C29	.330	8.0
1/0 Str.		Z2529	.373	7.0
2/0 Str.		Z2629	.416	6.3
4/0 Str.		Z2829	.528	3.8
250 kcmil		Z2929	.575	3.3
#6 Str.	Z30NR	Z6C30	.183	16
#4 Str.		Z4C30	.231	15
#2 Str.		Z2C30	.291	14
#1 Str.		Z1C30	.330	14
1/0 Str.		Z2530	.373	13
2/0 Str.		Z2630	.416	12
3/0 Str.		Z2730	.470	11
4/0 Str.		Z2830	.528	9.3
250 kcmil		Z2930	.575	8.0
300 kcmil		Z3030	.630	6.3
#2 Str.	Z32NR	Z2C32	.291	21
#1 Str.		Z1C32	.330	20
1/0 Str.		Z2532	.373	19
2/0 Str.		Z2632	.416	18
3/0 Str.		Z2732	.470	17
4/0 Str.		Z2832	.528	15
250 kcmil		Z2932	.575	14
300 kcmil		Z3032	.630	12
350 kcmil		Z3132	.681	9.8
400 kcmil		Z3232	.728	8.0
#2 Str.	Z34NR & Z34NRB	Z2C34	.291	29
#1 Str.		Z1C34	.330	28
1/0 Str.		Z2534	.373	27
2/0 Str.		Z2634	.416	26
3/0 Str.		Z2734	.470	25

Cable Size	For Use with Socket and Nut Assembly. See Page K-32	Catalog Number	A Inches	App. Ship Wt. in Lbs. per C
4/0 Str.	Z34NR & 34NRB	Z2834	.528	22
250 kcmil		Z2934	.575	21
300 kcmil		Z3034	.630	19
350 kcmil		Z3134	.681	17
400 kcmil		Z3234	.728	15
450 kcmil		Z3334	.772	13
500 kcmil		Z3434	.814	11
250 kcmil	Z36NR	Z2936	.575	32
300 kcmil		Z3036	.630	30
350 kcmil		Z3136	.681	28
400 kcmil		Z3236	.728	26
450 kcmil		Z3336	.772	23
500 kcmil		Z3436	.814	21
550 kcmil		Z3536	.855	19
600 kcmil		Z3636	.893	17
250 kcmil	Z40NR & Z40NRA	Z2940	.575	49
300 kcmil		Z3040	.630	47
350 kcmil		Z3140	.681	44
400 kcmil		Z3240	.728	41
450 kcmil		Z3340	.772	39
500 kcmil		Z3440	.814	36
550 kcmil		Z3540	.855	33
600 kcmil		Z3640	.893	31
650 kcmil		Z3740	.929	29
700 kcmil		Z3840	.964	25
750 kcmil		Z3940	.998	23
800 kcmil		Z4040	1.031	21
500 kcmil	Z44NR	Z3444	.814	55
550 kcmil		Z3544	.855	51
600 kcmil		Z3644	.893	49
650 kcmil		Z3744	.929	47
700 kcmil		Z3844	.964	43
750 kcmil		Z3944	.998	40
800 kcmil		Z4044	1.031	38
850 kcmil		Z4144	1.062	35
900 kcmil		Z4244	1.093	32
950 kcmil		Z4344	1.123	28
1000 kcmil		Z4444	1.152	24

K-33

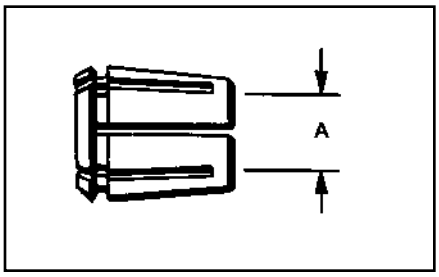
Blue highlighted items are industry standard and most frequently ordered.

MOLE™ TYPE Z

COMPRESSION CONE

For Compact Conductor

For use with Socket and Nut assembly shown on page 32; the Z cone is machined to close tolerances to provide maximum secureness in gripping a wide range of cable sizes. Annular grooves in the inner barrel of the cone serve to further accomplish this result.



Compact Stranded Copper Cable			
Compact Cable Size	**Nominal Conductor Diameter**	**Type Z Cone**	**Socket and Nut Assembly**
#2	0.268	**Z3C28**	**Z28NR**
#1	0.299	**Z2C28**	
1/0	**0.336**	**Z1C28**	
2/0	0.376	**Z2528**	
3/0	0.423	**Z2628**	
4/0	0.475	**Z2728**	
#1	0.299	**Z2C29**	**Z29NR**
1/0	0.336	**Z1C29**	
2/0	0.376	**Z2529**	
3/0	0.423	**Z2629**	
4/0	0.475	**Z2729**	
250 kcmil	0.520	**Z2829**	
300 kcmil	0.570	**Z2929**	
1/0	0.336	**Z1C30**	**Z30NR**
2/0	0.376	**Z2530**	
3/0	0.423	**Z2630**	
4/0	0.475	**Z2730**	
250 kcmil	0.520	**Z2830**	
300 kcmil	0.570	**Z2930**	
1/0	0.336	**Z1C32**	**Z32NR**
2/0	0.376	**Z2532**	
3/0	0.423	**Z2632**	
4/0	0.475	**Z2732**	
250 kcmil	0.520	**Z2832**	
300 kcmil	0.570	**Z2932**	
500 kcmil	0.736	**Z3232**	
2/0	0.376	**Z2534**	**Z34NR**
3/0	0.423	**Z2634**	
4/0	0.475	**Z2734**	
250 kcmil	0.520	**Z2834**	
300 kcmil	0.570	**Z2934**	
500 kcmil	0.736	**Z3234**	
550 kcmil	0.775	**Z3334**	
600 kcmil	0.813	**Z3434**	

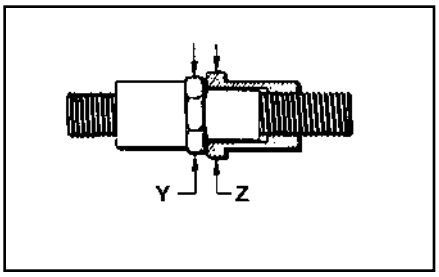
Compact Stranded Copper Cable			
Compact Cable Size	**Nominal Conductor Diameter**	**Type Z Cone**	**Socket and Nut Assembly**
2/0	0.376	**Z2536**	**Z36NR**
3/0	0.423	**Z2636**	
4/0	0.475	**Z2736**	
250 kcmil	0.520	**Z2836**	
300 kcmil	0.570	**Z2936**	
500 kcmil	0.736	**Z3236**	
550 kcmil	0.775	**Z3336**	
600 kcmil	0.813	**Z3436**	
750 kcmil	0.908	**Z3636**	
3/0	0.423	**Z2640**	**Z40NR**
4/0	0.475	**Z2740**	
250 kcmil	0.520	**Z2840**	
300 kcmil	0.570	**Z2940**	
500 kcmil	0.736	**Z3240**	
550 kcmil	0.775	**Z3340**	
600 kcmil	0.813	**Z3440**	
750 kcmil	0.908	**Z3640**	
250 kcmil	0.520	**Z2844**	**Z44NR**
300 kcmil	0.570	**Z2944**	
500 kcmil	0.736	**Z3244**	
550 kcmil	0.775	**Z3344**	
600 kcmil	0.813	**Z3444**	
750 kcmil	0.908	**Z3644**	

Blue highlighted items are industry standard and most frequently ordered.

TYPE ZMS

MOLE™ COUPLER

For Connecting MOLEs



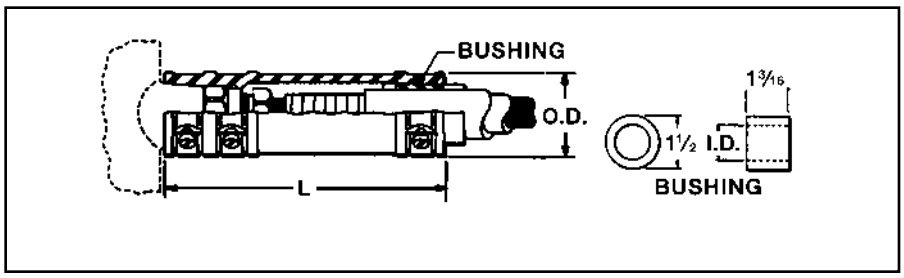
A compact, easy-to-tape MOLE™ Coupler for joining MOLEs end-to-end. Allows for expansion of underground systems by joining MOLEs to existing MOLE™ installations. Easily assembled to the end outlets of MOLE™ Types ZMT, ZMX, ZML, and ZMK. Can also be used in side outlets for other types of MOLE™ arrangements. The MOLE™ Coupler has a lock-nut feature which permits pre-positioning of the added MOLE™, and facilitates training of new cables. Makes an effective electrical and mechanical connection.

OUTLET RANGE: "A" (5/8″) 6 Str. - 600 kcmil
"B" (7/8″) 2 Str. - 1000 kcmil
"C" (1-1/8″) 500 - 1500 kcmil

MOLE™ Outlet Size	MOLE™ Coupler	MOLE™ Coupler Ampere Capacity	Dimensions in Inches			Approx. Ship Wt. Lbs.
			Overall Length	Cross Flats		
				Y	Z	
A	**ZMS29**	1200	4-21/32	1-3/16	1-3/8	1.3
B	**ZMS34**	1600	5-7/32	1-1/2	1-3/4	2.3
C	**ZMS40**	2000	5-3/4	1-3/4	2-1/8	3.3

TYPE CM

NOTAPE™ MOLE™ SLEEVE



The BURNDY® NOTAPE MOLE™ Sleeve effectively eliminates the necessity of taping from the MOLE™ outlet to the insulation of the incoming cable. The sleeve fits snugly over the MOLE™ outlet and is held securely in place by a non-corrosive clamp. Bushings inside the sleeve are supplied to fit closely over the insulation of the cable. The other end of the assembly is clamped to the cable insulation. For rubber insulated cable two clamps are supplied. For oil filled cables a third clamp is provided to effect an oil-tight joint.

OUTLET RANGE: "A" 6 Str. - 600 kcmil

Sleeve & Clamps								Bushing		
To be Used Over Outlet Size	Type of Cable Insulation	Cable Range Accommodated	Catalog No. Sleeve & Clamps Only	For Use Sockets & Nut Ass'y	Dimensions in Inches		App. Ship. Wt. Ea. in Lbs.	Catalog No. Bushing Only	I.D.	App. Ship. Wt. Ea. in Lbs.
					L	O.D.				
A	Rubber or Rubber-Lead	#6 Str. to 600 kcmil	**CM29L**	Z28NR to Z36NR	6-1/4	2-1/4	1.1	**CMB-29R**	†	.20
	Paper-Lead or Vanished Cambric	#6-4/0 Str.	**CM2829P**	Z28NR	6-1/4	2-1/4	1.1	**CMB-29P**	‡	.20
		#6-250 kcmil	**CM2929P**	Z29NR						
		#6-300 kcmil	**CM3029P**	Z30NR						
		#2-400 kcmil	**CM3229P**	Z32NR						
		#2-500 kcmil	**CM3429P**	Z34NR						
		250-600 kcmil	**CM3629P**	Z36NR						

† Diameter over rubber insulation or lead sheath to be specified by customer.

‡ Diameter over lead sheath to be specified by customer.

Bushings must be ordered separately. They are not supplied with the sleeve. The bushing inside diameter is sized in 64ths (e.g., CMB**48**29R has a 0.750″ or 48/64ths inside diameter).

Blue highlighted items are industry standard and most frequently ordered.

TYPE Z-C

MOLE™ OUTLET INSULATING SLEEVE

An effective aid in insulating MOLE™ outlets to produce a secure watertight joint with a minimum of taping. Fits over the MOLE™ outlet and over the maximum outer diameter of insulated cable. The difference between the I.D. of the standard sleeve and the O.D. of the cable insulation is taken up by wrapping the cable with several turns of rubber tape. The only external taping required to effectively seal the joint is the small area at each end of the sleeve.

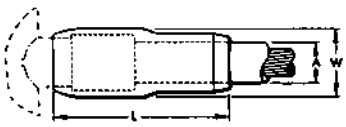


Fig. 1

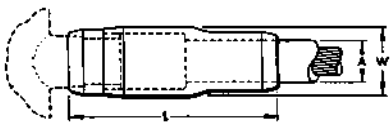


Fig. 2

Catalog Number	For Use with Socket and Nut Assemblies See page K-32	Fig. No.	Dimensions in Inches			Approx. Ship. Wt. in Lbs. per C
			*A (Max.)	L	W	
Z72C3029	Z28NR Z29NR Z30NR	1	1-1/8	4-3/4	1-7/8	20
Z88C3429	Z32NR Z34NR Z34NRB Z36NR	1	1-3/8	5-3/16	2-1/8	30
Z104C4034	Z40NR	1	1-5/8	5-13/16	2-11/6	60
Z104C4434	Z44NR Z40NRA	2	1-5/8	7-3/16	2-11/6	70
Z144C4840	Z45NR Z46NR Z47NR Z48NR	2	2-1/4	9-5/16	3-1/2	130

* Build up insulation of MOLE™ Joint with rubber tape to equal inner diameter of Insulating Sleeve.

For insulating sleeve with inner diameter other than standard call customer service.

HYCRAB™ CONNECTORS

One of the most economical devices for connecting several cables to a common junction point is the HYCRAB™, which is essentially a bus bar with a number of compression-type connector outlets, pre-insulated to eliminate taping. Like the MOLE™, the HYCRAB™ fits into a limited space, is simple to rack, and facilitates adding future cables.

Insert and Insulation

Having an insert similar to that of the MOLE™, the HYCRAB™ has connector outlets of the BURNDY® HYDENT™ compression type. These tubular elements are indented to the cable by BURNDY® HYPRESS™ installation tools and dies, designed to compress connector and cable together with indents of controlled depth. HYDENT™ compression connections are made quickly and easily, have relative conductivities of 100% or higher, are electrically stable, and mechanically secure.

The HYCRAB™ is insulated by a jacket of molded rubber to resist prolonged exposure to oil or other contaminants.

Installation

Insulation fingers are rolled back to expose the tubular outlets, sufficiently spaced to allow for the convenient operation of BURNDY® HYPRESS™ compression tools. Cable ends are inserted into the outlets. Each is crimped with one or two indents, and the fingers are rolled forward again to cover the outlets. Installation is completed by taping the short space between the tip of the finger and the cable insulation.

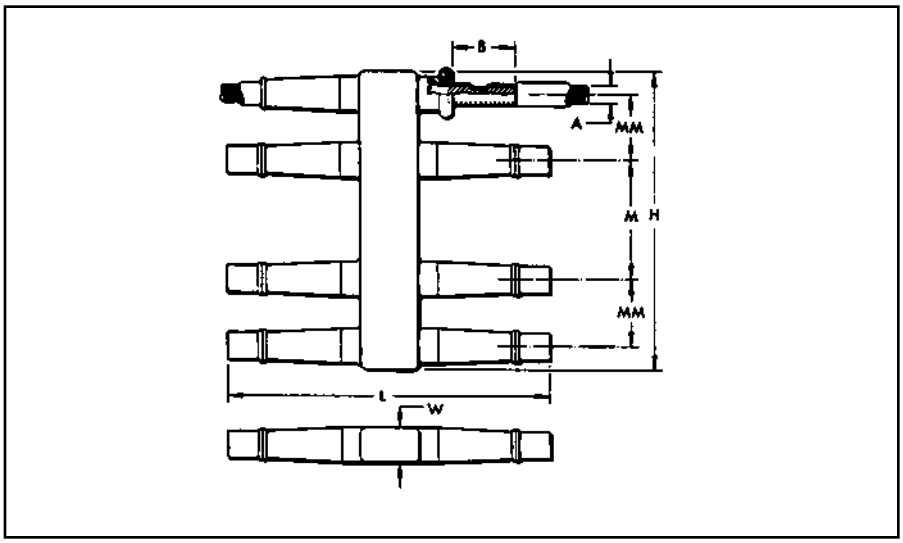
Variatons and Accessories

Uninsulated HYCRAB™ connectors for joining bare neutral cables are available in the same range of sizes and number of outlets as the insulated HYCRAB™. By using reducing adapters the HYCRAB™ can accommodate service wires as small as #6, in addition to the 4/0 or 500 kcmil cable sizes for which these connectors are ordinarily used.

TYPE YM

INSULATED HYCRAB™

A compact insulated crab joint for connecting underground cables at junction points. Two outlets, one on either side of the HYCRAB™ body are ready for immediate use. All other outlets are sealed with vulcanized rubber plugs which are easily removed when future installations are made. This unit eliminates bulky, difficult crotch taping. By using Reducing Adapters, Type Y-R the HYCRAB™ can be installed on cable sizes from #6 to 500 kcmil (e.g., use Y3428R to install 4/0 into YM4-34).



Cable Size A	No. of Outlets	Catalog Number	Dimensions in Inches						Installation Information			App. Ship. Wt. in Lbs.
									HYPRESS™ & Indentor Die			
									Y34A with V34PR	Y34BH with Y34PR	No. of Indents	
			B	H	L	M	MM	W	Nest Die			
4/0 Str.	4	**YM4-28**	2	3-11/16	10-3/16	—	2-3/16	1-1/8	A28D	B28D	1	1.8
	6	**YM6-28**	2	7-9/16	10-3/16	3-7/8	2-3/16	1-1/8	A28D	B28D	1	3.0
	8	**YM8-28**	2	9-3/4	10-3/16	3-7/8	2-3/16	1-1/8	A28D	B28D	1	4.3
	10	**YM10-28**	2	13-1/2	8-3/4	3-1/2	2-1/2	1-1/8	A28D	B28D	1	5.5
	12	**YM12-28**	2	16	8-3/4	3-1/2	2-1/2	1-1/8	A28D	B28D	1	6.7
500 kcmil	4	**YM4-34**	2-1/2	4-3/8	12-5/8	—	2-3/8	1-1/2	A34D	No Nest	2	4.5
	6	**YM6-34**	2-1/2	8-5/8	12-5/8	4-1/4	2-3/8	1-1/2	A34D	Die	2	7.0
	8	**YM8-34**	2-1/2	11	12-5/8	4-1/4	2-3/8	1-1/2	A34D	Required.	2	11
	10	**YM10-34**	2-1/2	14-1/2	12-1/2	3-3/4	2-1/2	1-1/2	A34D	Use Indentor	2	15
	12	**YM12-34**	2-1/2	17	12-1/2	3-3/4	2-1/2	1-1/2	A34D	Only.	2	19

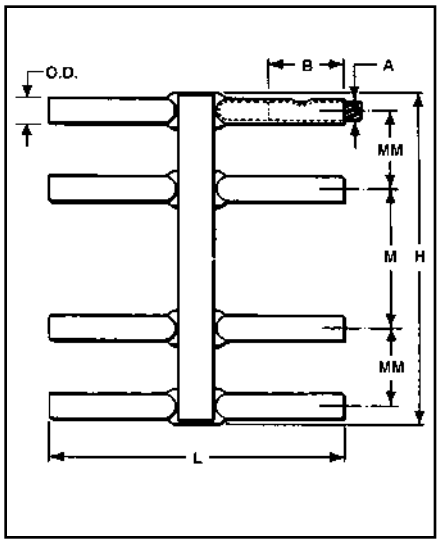
Blue highlighted items are industry standard and most frequently ordered.

TYPE YNM

HYCRAB™

For Joining Bare Neutral Cables

A compact uninsulated multiple connector for joining bare neutral underground cables. For insulated crab joints, see HYCRAB™, Type YM. Reducing adapters, Type Y-R, permit the HYCRABs listed below to take a full range of cable sizes from #6 to 500 kcmil. For proper installation, see table below.



Cable Size A	No. of Outlets	Catalog Number	Dimensions in Inches						Installation Information			App. Ship. Wt. in Lbs.
									HYPRESS™ & Indentor Die			
									Y34A with Y34PR	Y34BH with Y34PR	No. of Indents	
			B	H	L	M	MM	O.D.	Nest Die			
4/0 Str.	4	**YNM4-28**	2	3-3/16	8-3/16	—	2-3/16	11/16	A28D	B28D	1	1.0
	6	**YNM6-28**	2	7-1/16	8-3/16	3-7/8	2-3/16	11/16	A28D	B28D	1	1.8
	8	**YNM8-28**	2	9-1/4	8-3/16	3-7/8	2-3/16	11/16	A28D	B28D	1	2.5
500 kcmil	4	**YNM4-34**	2-1/2	3-15/16	10-5/8	—	2-3/8	1-1/16	A34D	No Nest Die	2	3.0
	6	**YNM6-34**	2-1/2	8-3/16	10-5/8	4-1/4	2-3/8	1-1/16	A34D	Required. Use	2	5.0
	8	**YNM8-34**	2-1/2	10-9/16	10-5/8	4-1/4	2-3/8	1-1/16	A34D	Indentor Only.	2	7.3

* Bare Hycrab™ can be furnished to accommodate both 4/0 and 500 kcmil cables.

Blue highlighted items are industry standard and most frequently ordered.

NETWORK PROTECTION

The primary purpose of network protection is the controlled interruption of fault currents before damage occurs to cable insulations and associated equipment, and the elimination of unnecessary service interruptions. The limiter and fuses for network protection are closely associated with the connectors and are equaly vital to the safe, continuous operation of an underground system.

BURNDY® has developed protective devices that have played a major role in reducing underground system outages and the subsequent expenses incurred in the loss of service and replacement of damaged cables. A basic objective has been the design of limiter-connector combinations that, in addition to protecting against the effects of fault currents, economize on both space and installation costs.

Limiters are designed to protect underground secondary cable from damage by fault currents of two principal kinds: high energy arcing faults and sustained faults. The arcing fault, usually of shorter duration and lesser intensity, is more common. While this type of fault may sputter briefly and then clear, some may be sustained long enough to "roast" the insulation.

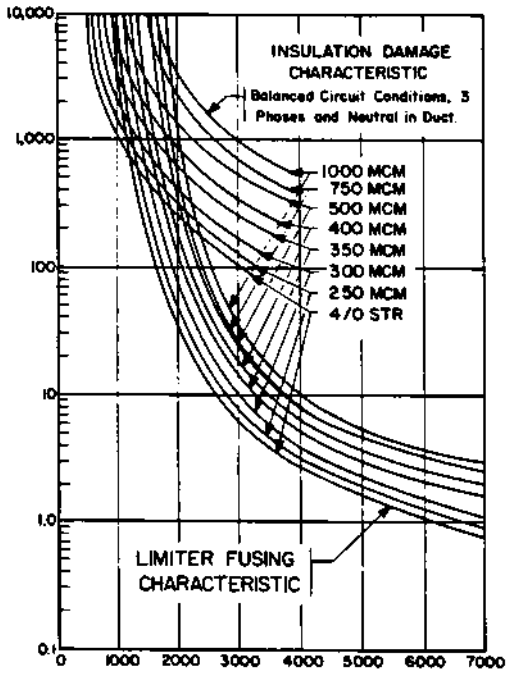
A sustained fault occurs when two conductors come solidly into contact and permit the flow of heavy short-circuit currents. Without suitable protection, these fault currents are heavy enough to damage cable insulation and often produce combustible fumes accompanied by fire and explosion.

Installed at each end of cable sections, limiters have time-current characteristics designed to avoid unnecessary outages. Network protector fuses, installed in the network protector on the load side of the breaker, provide back-up protection against failure of a network protector to open on a primary fault. Coordinated characteristics of limiters and fuses provide for fault currents to be interrupted before they can cause damage, but only under predetermined time-current conditions, and only in those parts of the system where interruption is necessary.

Limiters

Engineered to interrupt the circuit before cables carrying a fault current are visually damaged, limiters act to confine damage to the section of cable where the fault occurred. The limiters are designed to prevent unnecessary clearing and will "hang on" during:

1. Faults which would clear without damaging cable insulation.
2. Overloads from motor starting, load transfer because of primary fault, or temporary overload during fault conditions.
3. Overloads from loss of secondary conductors caused by clearing of other limiters.
4. Reverse current flow through the network protector on primary faults.
5. Faults on other secondary cables.



Current – Amperes

Figure 4

Standard
250 Volt Limiters

NETWORK PROTECTION (Continued)

For proper protection, BURNDY® limiters are designed with time-current characteristics approximating the insulation damage curve of the cable with which they will be used. Figure 4 shows time-current characteristic curves for a range of standard (250 volt) limiters, superimposed on insulation damage curves for several cable sizes. Although the limiter curve crosses the insulation damage curves, in practice the limiters will blow before the insulation can deteriorate. The insulation damage characteristics represent three phases equally loaded in a duct. Since low-current faults seldom affect more than one phase at a time, the rate of heat generated in the conduit is much less than for a balanced 3-phase fault, and the time to reach the damage point is appreciably longer. Practical experience confirms that limiters provide protection during low-current, as well as high-current faults.

Construction

The limiter is essentially a compression-type electrical connector with its center section accurately formed to provide a fusible element. This fusible element is enclosed in a molded composition shell and the assembly encased in an insulated sleeve.

Interrupting capacities are as follows:

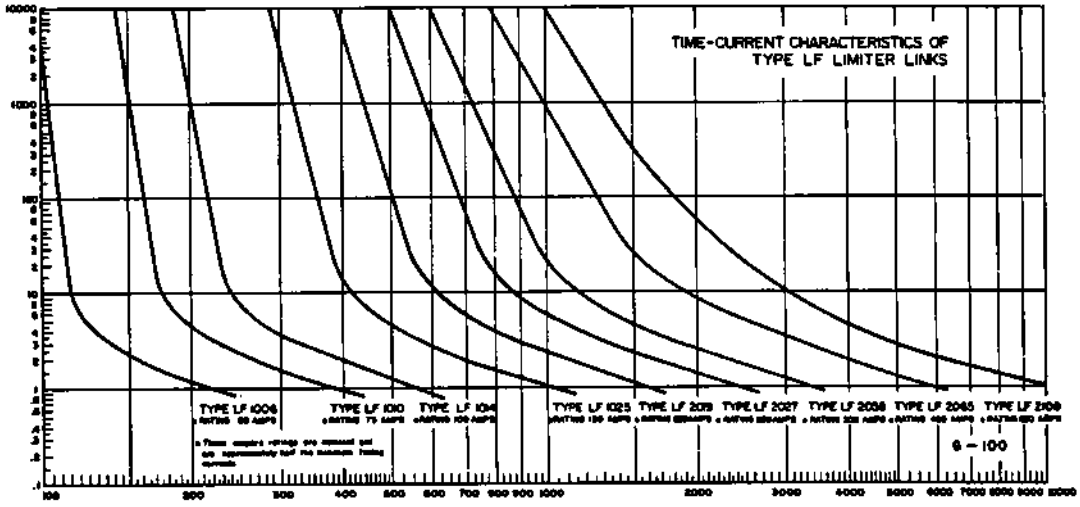
Standard Limiters . . 30,000 amps at 250V

Replaceable-link Limiters . . . . . 20,000 amps at 250V

The protection probably lies in the fact that the fault impedance reduces the actual fault current to a value considerably less than calculated.

Replaceable-Link Limiters

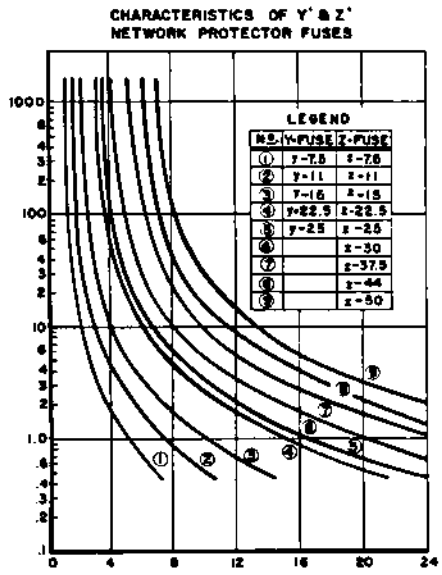
Replaceable-link limiters, which provide faster time-current characteristics (Figure 5), are used in smaller networks, on the fringes of larger networks, at points where radial feeders leave a network, and for fusing service cables. As its name implies, this limiter is also distinctive in that its fusible link is replaceable.



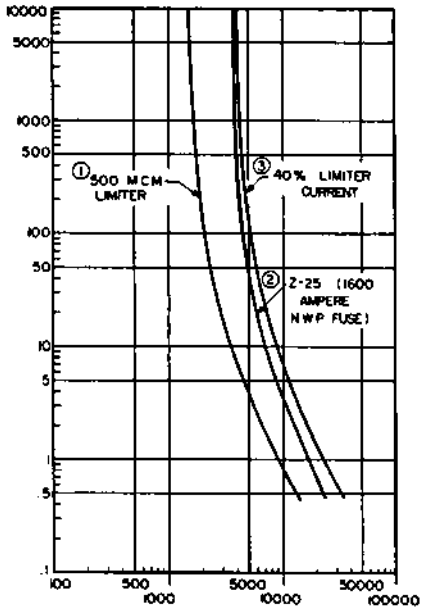
Replaceable-link Limiters

Figure 5

NETWORK PROTECTION (Continued)



Amperes in Thousands
Figure 7



Current in Amperes
Figure 8

Limiter Variations
The Limiter Lug provides a fusible connection between a cable and a flat surfaced terminal of a transformer or other apparatus. The Limiter Tap incorporates a Limiter Lug assembly, modified to terminate cable to a ring bus. The straight Limiter is made for installation in a single conductor cable. The Molimiter is a Limiter designed so that one end is crimped onto a cable and the other fits the clamping element of a MOLE™ outlet. The Limiter HYCRAB™ connector is essentially a HYCRAB™ with a fusible section in each of its outlets.

Network Protector Fuses
Type Y and Z Network Protector Fuses provide back-up protection in case the protector breaker fails to operate during a primary fault. The fuse time-current curves (Figure 7), are similar to those of the limiter, thus permitting correct fuse-limiter coordination for complete network protection.

Design and Construction
The fusible element for a Type Y or Type Z Fuse is a tin-plated copper bar with reduced section, encased in an arc-resistant molded transite enclosure. One-piece construction eliminates possibility of joint failure and assures maximum reliability.

Limiter-Fuse Coordination
To isolate a fault before it can cause extensive damage, and without interrupting service in other sections of the network, limiters and fuses must clear at the proper time and in proper sequence, depending on the fault's location in the primary or secondary system. When a primary fault occurs, the fuse should clear before any limiters blow. For a secondary fault, limiters should clear the fault before the network protector fuse opens. Failure of limiters and network protector fuses to function in proper sequence could cause cascading of other Fuses, or clearing of secondary faults by Fuses rather than limiters. Premature blowing of Limiters not in the faulted section could cause unnecessary service interruption in sections remote from the fault.

To assure the coordinated functioning of fuses and limiters throughout a system, proper rating must be selected. The four-step "Coordination Study" (Figure 8) used in a 4-parallel cable feed system from the protector to the first secondary junction is a typical example of how to select proper ratings.

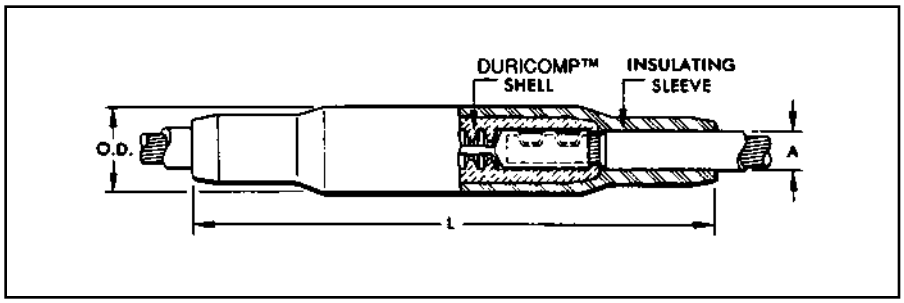
1. Plot the damage characteristic curve of the cable insulation in the system. Curves for Class L620 (260° C. or 500° F.), appear in (Figure 5).
2. Plot the time-current characteristic curve of the limiter for the cable size in the system.
3. Plot the time-current characteristic curve of the same limiter in Parallel secondary mains, assuming it carries 40% of total backfeed current. Allowing for the possibility of unequal current distribution of secondary mains, the "40% Cable Limiter Curve" provides a conservative basis for selection network protector fuses.
4. Select a fuse with its time-current characteristics (Figure 7) lying between the limiter curves plotted in steps 2 and 3.

This procedure avoids the selection of fuses so light that they might overheat the network protector or clear unnecessarily, possibly cascading other fuses in the network; or so heavy that transformer secondaries might be damaged or limiters blow before the fuse. Proper limiter-fuse coordination, facilitated by the use of fuses and limiters that are precisely matched, assures effective protection without unnecessary interruption.

TYPES YFS-CR AND YFS-CP

LIMITER ASSEMBLY

With DURICOMP™ Shell and Rubber Sleeve for Insulated Cables



The Limiter combines the functions of tuse and connector. The fusible element which is an integral part of the connector will clear faults that are great enough to cause damage to the cable insulation. However it will not clear on minor overloads of short duration. Fusing characteristics of the limiter are shown in technical section. For HYPRESS™ installation, see table below.

Cable Size	For Use on Rubber Insulated Cable Catalog Number	For Use on Paper Insulated Cable-Oil Tight Cable Sockets Catalog Number	Dimensions in Inches			Installation Information				App. Ship. Wt. in Lbs.
						HYPRESS™ and Indentor Die				
			Max. Cable Dia. over Insulation A	L	O.D.	Y34A with Y34PR Nest Die	Y34BH with Y34PR Nest Die	Y44B with Y44PR Nest Die	Number of Indents	
4/0 Str.	**YFS28CR**	**YFS28CP**	1	12-3/4	1-15/16	A28D	B28D	E28D	1	1.4
250 kcmil	**YFS29CR**	**YFS29CP**	1	12-3/4	1-15/16	A29P	B29D	E29D	1	1.4
300 kcmil	**YFS30CR**	**YFS30CP**	1-1/8	13-1/2	2-3/16	A30D	B30D	E30D	2	2.0
350 kcmil	**YFS31CR**	**YFS31CP**	1-1/8	13-1/2	2-3/16	A31D	B31D	E31D	2	2.0
400 kcmil	**YFS32CR**	**YFS32CP**	1-1/8	13-1/2	2-3/16	A32D	B32D	E32D	2	2.1
500 kcmil	**YFS34CR**	**YFS34CP**	1-11/32	15-7/8	2-3/8	A34D	No Nest Die Required	E34D	2	2.9
750 kcmil	**YFS39CR**	**YFS39CP**	1-1/2	15-9/16	2-9/16	—	—	E39D	2	3.7

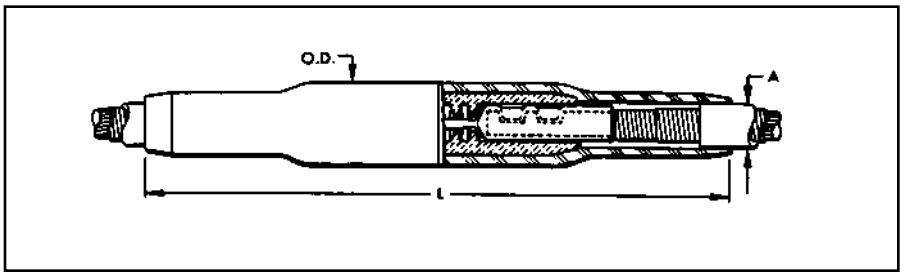
For conductor sizes not listed call customer service.
DURICOMP™ acquired July 1990. Replaces ASBESTITE and the Generic Refractory references.
To specify a fast acting limiter in any configuration insert an "F" before the conductor number (e.g., YFSF34CR specifies a 1/2 thick limiter section).

Blue highlighted items are industry standard and most frequently ordered.

TYPE YFS-CPL

LONG LIMITER ASSEMBLY

With DURICOMP™ Shell and Rubber Sleeve for Paper-Lead Cables



The Long Limiter performs the same functions as the Limiter shown on opposite page. It differs in that it has extra long cable sockets which are preferred by some for use on paper insuated cable. The end seams are sealed to make the sockets oil tight. Fusing characteristics of the Limiter are shown in technical section. For proper HYPRESS™ installation, see table below.

Cable Size	Catalog Number	Dimensions in Inches			Installation Information				
					HYPRESS™ and Indentor				
		Max. Cable Dia. Over Insul. A	L	O.D.	Y34A with Y34PR	Y34BH with Y34PR	Y44B with Y44PR	Number of Indents	App. Ship Wt. in Lbs.
					Nest Die				
4/0 Str.	**YFS28CPL**	1	12-3/4	1-15/16	A28D	B28D	E28D	1	1.5
250 kcmil	**YFS29CPL**	1	12-3/4	1-15/16	A29P	B29D	E29D	1	1.5
300 kcmil	**YFS30CPL**	1-1/8	13-1/2	2-3/16	A30D	B300	E30D	2	2.2
350 kcmil	**YFS31CPL**	1-1/8	13-1/2	2-3/16	A31D	B31D	E31D	2	2.2
400 kcmil	**YFS32CPL**	1-1/8	13-1/2	2-3/16	A32D	B32D	E32D	2	2.3
500 kcmil	**YFS34CPL**	1-11/32	15-7/8	2-3/8	A34D	No Nest Die Required	E34D	2	3.2
750 kcmil	**YFS39CPL**	1-1/2	15-9/16	2-9/16	—	—	E39D	2	4.1

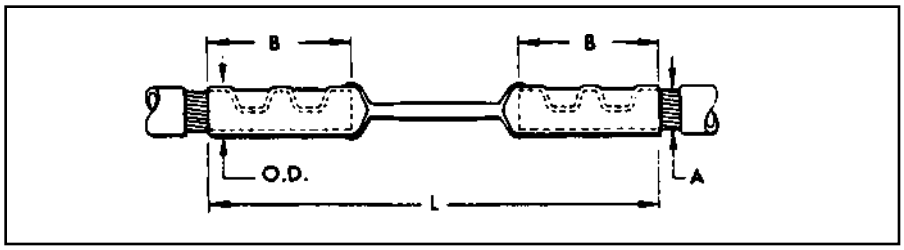
For conductor sizes not listed call customer service.
To specify a fast acting limiter in any configuration insert an "F" before the conductor number (example: YFSF34CR specifies and 1/2 thick limiter section).

TYPES YFSR, YFSP

LIMITER

For Use with Limiter Assembly

The Limiter serves the double function of a fuse and a coupler. The fusible element is an integral part of the coupler and is closely and carefully sized to insure excellent performance. Fusing characteritics of the Limiter are shown in technical section. For proper HYPRESS™ installation, see table below.



Cable Size	For Use on Rubber Insulated Cable Catalog Number	For Use on Paper Insulated Cable-Oil Tight Cable Sockets Catalog Number	Dimensions in Inches B	L	O.D.	Installation Information HYPRESS™ and Indentor Die Y34A with Y34PR Nest Die	Y34BH with Y34PR Nest Die	Y44B with Y44PR Nest Die	Number of Indents	App. Ship. Wt. in Lbs.
4/0 Str.	**YFSR28**	**YFSP28**	1-3/4	6-3/8	11/16	A28D	B28D	E28D	1	.23
250 kcmil	**YFSR29**	**YFSP29**	1-7/8	6-3/8	3/4	A29D	B29D	E29D	1	.27
300 kcmil	**YFSR30**	**YFSP30**	2	6-3/4	13/16	A30D	B30D	E30D	2	.33
350 kcmil	**YFSR31**	**YFSP31**	2	6-3/4	7/8	A31D	B31D	E31D	2	.37
400 kcmil	**YFSR32**	**YFSP32**	2-1/8	7	31/32	A32D	B32D	E32D	2	.46
500 kcmil	**YFSR34**	**YFSP34**	2-7/8	8-3/4	1-1/16	A34D	No Nest Die Required	E34D	2	.79
750 kcmil	**YFSR39**	**YFSP39**	2-7/8	9	1-5/16	—	—	E39D	2	1.2

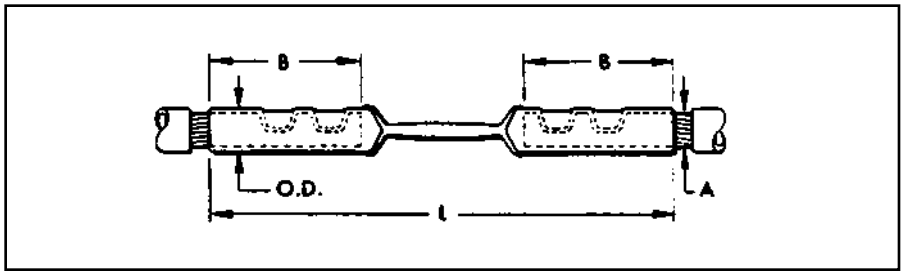
K-45

TYPE YFSP-L

LONG LIMITER

For Use with Long Limiter Assembly

The Long Limiter serves the same purpose as the Limiter shown above but has extra long oil tight cable sockets which may be preferred by some for use on paper insulated cables. Similarly designed to clear on overloads that will damage the insulation of the cable. Fusing characteristics of the Long Limiter are shown in technical section. For HYPRESS™ installation, see table below.



Cable Size	Catalog Number	Dimensions in Inches B	L	O.D.	Installation Information HYPRESS™ and Indentor Y34A with Y34PR Nest Die	Y34BH with Y34PR Nest Die	Y44B with Y44PR Nest Die	Number of Indents	App. Ship Wt. in Lbs.
4/0 Str.	**YFSP28L**	2-15/16	8-3/4	11/16	A28D	B28D	E28D	1	.34
250 kcmil	**YFSP29L**	3-1/16	8-3/4	3/4	A29D	B29D	E29D	1	.40
300 kcmil	**YFSP30L**	3-3/8	9-1/2	13/16	A30D	B30D	E30D	2	.50
350 kcmil	**YFSP31L**	3-3/8	9-1/2	7/8	A31D	B31D	E31D	2	.58
400 kcmil	**YFSP32L**	3-3/8	9-1/2	31/32	A320	B32D	E32D	2	.68
500 kcmil	**YFSP34L**	4-3/16	11-3/8	1-1/16	A34D	No Nest Die Required	E34D	2	1.1
750 kcmil	**YFSP39L**	4-3/16	11-5/8	1-5/16	—	—	E39D	2	1.6

For conductor sizes not listed call customer service.

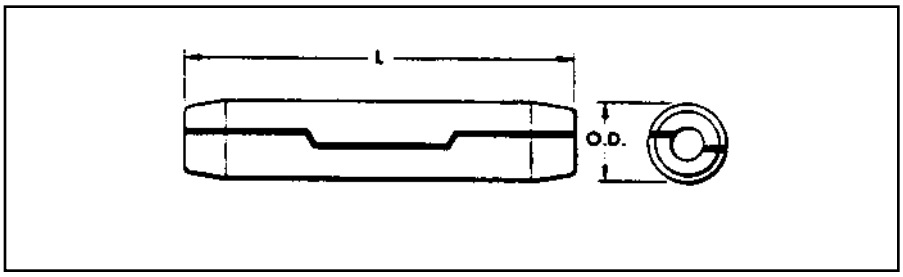
Blue highlighted items are industry standard and most frequently ordered.

TYPES YFSH, YFSH-P

DURICOMP™ LIMITER SHELL

For Use with Limiter Assemblies

A molded composition shell in which heat-proof barriers restrain the arc which is formed when the fusible section of the Limiter melts under overload conditions. Shells may be ordered separately to replace those damaged in service. Contains no asbestos.



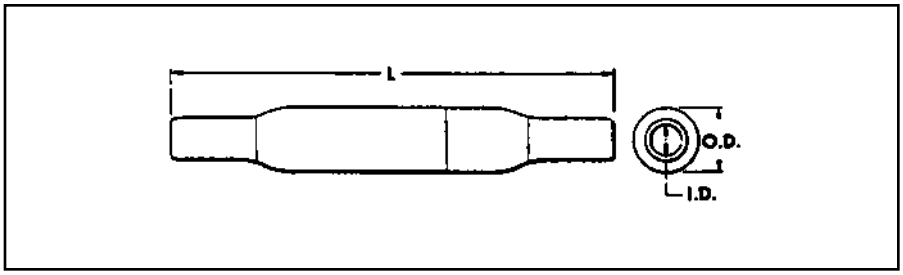
Cable Range	For Use on Rubber Insulated Cable Catalog Number	For Use on Paper Insulated Cable Long and Short Socket Type Catalog Number	Dimensions in Inches		App. Ship. Wt. in Lbs.
			L	O.D.	
4/0 Str. to 250 kcmil	**YFSH2829**	**YFSH2829P**	6-3/4	1-7/16	.50
300 kcmil to 400 kcmil	**YFSH3032**	**YFSH3032P**	7-1/2	1-11/16	.76
500 kcmil	**YFSH34**	**YFSH34P**	9-3/8	1-7/8	1.0
750 kcmil	**YFSH39**	**YFSH39P**	9	2-1/16	1.1

TYPE YFSC

INSULATING SLEEVE

For Use with Limiter Assemblies

A molded sleeve for insulating the Limiter and DURICOMP™ Shell Assembly. Molded in two sections, its use simplifies the insulation of the assembly.



Cable Range	Catalog Number	Dimensions in Inches			App. Ship. Wt. in Lbs.
		I.D	L	O.D	
4/0 Str. to 250 kcmil	**YFSC6429**	1	12-3/4	1-15/16	.62
300 kcmil to 400 kcmil	**YFSC7232**	1-1/8	13-1/2	2-3/16	.86
500 kcmil	**YFSC8634**	1-11/32	15-7/8	2-3/8	1.1
750 kcmil	**YFSC9639***	1-1/2	15-9/16	2-9/16	1.4

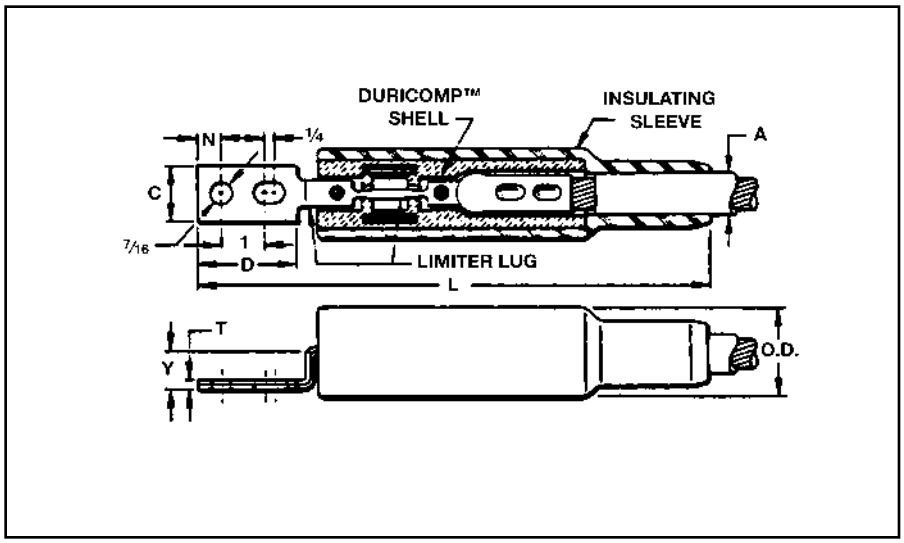
* YFSC9639 is straight tubular sleeve with two bushings.
For conductor sizes or sleeve inside diameters not listed call customer service.

TYPES YFA-CR, YFA-CP

LIMITER LUG ASSEMBLY

With DURICOMP™ Shell and Rubber Sleeve

The Limiter Lug combines the functions of terminal and fuse. The fusible element is an integral part of the connector and is so designed that it will clear overloads which are great enough to cause damage to the cable insulation. Unlike an ordinary fuse, however, it will not clear on minor overloads of short duration. Fusing characteristics of the Limiter Lugs are shown in the technical section. Component parts shown in the table below may be purchased separately. For proper HYPRESS™ installation, see table below.



Cable Size	For Use on Rubber Insul. Cable Catalog No.	For Use on Paper Insul. Cable-Oil Tight Cable Socket Catalog No.	Dimensions in Inches								Installation Information				App. Wt. in Lbs.
			(Max. Cable Dia. over Insul.) A	C	D	L	N	T	Y	O.D.	HYPRESS™ & Indentor Die Nest Die Y34A with Y34PR	Y34BH with Y34PR	Y44B with Y44PR	No. of Indents	
4/0 Str.	**YFA28CR-2**	**YFA28CP-2**	1	1	2-3/16	11-9/16	7/16	9/64	27/32	1-15/16	A28D	B28D	E28D	1	1.2
250 kcmil	**YFA29CR-2**	**YFA29CP-2**	1	1-1/8	2-3/16	11-9/16	7/16	5/32	27/32	1-15/16	A29D	B29D	E29D	1	1.2
300 kcmil	**YFA30CR-2**	**YFA30CP-2**	1-7/32	1-3/16	2-5/16	13-3/16	1/2	5/32	1	2-3/8	A30D	B30D	E30D	2	1.8
350 kcmil	**YFA31CR-2**	**YFA31CP-2**	1-7/32	1-5/16	2-5/16	13-3/16	1/2	3/16	1	2-3/8	A31D	B31D	E31D	2	2.2
400 kcmil	**YFA32CR-2**	**YFA32CP-2**	1-7/32	1-7/16	2-5/16	13-3/16	1/2	3/16	1	2-3/8	A32D	B32D	E32D	2	2.3
500 kcmil	**YFA34CR-2**	**YFA34CP-2**	1-11/32	1-1/2	2-3/4	13-5/8	1/2	7/32	1	2-3/8	A34D	No Nest Die Req'd.	E34D	2	2.5
750 kcmil	**YFA39CR-2**	**YFA39CP-2**	1-1/2	1-15/16	2-3/4	13-5/8	1/2	1/4	1	2-3/8	—	—	E39D	2	2.8

For conductor sizes not listed call customer service.
To specify a fast acting limiter in any configuration insert an "F" before the conductor number (example: YFSF34CR specifies and 1/2 thick limiter section).

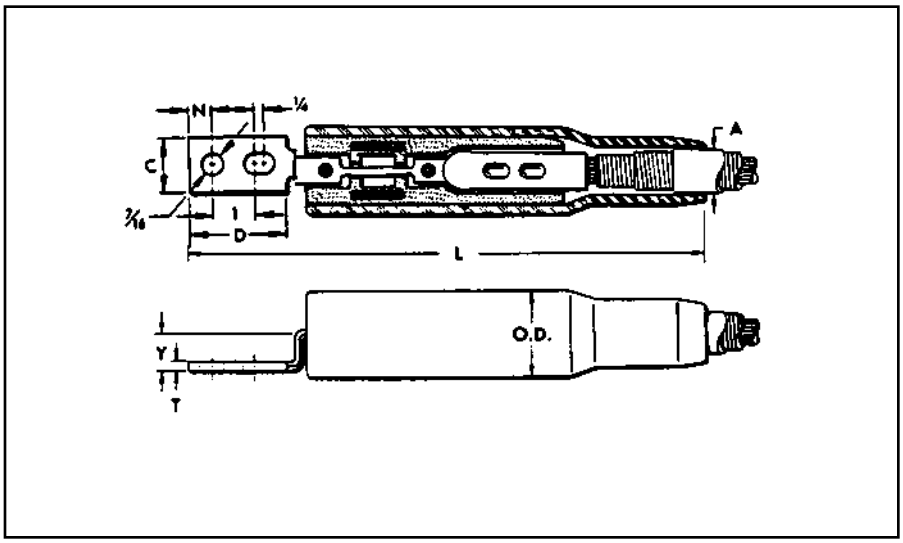
Blue highlighted items are industry standard and most frequently ordered.

TYPE YFA-CPL

LONG LIMITER LUG ASSEMBLY

With DURICOMP™ Shell and Rubber Sleeve — for Paper-Lead Cables

A Limiter Lug similar to Type YFA-CR or YFA-CP shown on page 47. In this case, however, we supply an extra long cable socket which is sometimes preferred for use on paper insulated cable. The end seams are sealed to make sockets oil tight. Fusing characteristics of the Limiter Lugs are shown in the technical section. For proper HYPRESS™ installation, see table below.



Cable Size	Catalog Number	(Max. Cable Dia. over Insul.) A	Dimensions in Inches							No of Indents in Cable Socket	Installation Information				App. Wt. in Lbs.
			C	D	L	N	T	Y	O.D.		HYPRESS™ & Indentor Die			No. of Indents	
											Y34A with Y34PR	Y34BH with Y34PR	Y44B with Y44PR		
											Nest Die				
4/0 Str.	**YFA28CPL-2**	1	1	2-3/16	11-9/16	7/16	9/64	27/32	1-15/16	1	A28D	B28D	E28D	1	1.2
250 kcmil	**YFA29CPL-2**	1	1-1/8	2-3/16	11-9/16	7/16	5/32	27/32	1-15/16	1	A29D	B29D	E29D	1	1.3
300 kcmil	**YFA30CPL-2**	1-7/32	1-3/16	2-5/16	13-3/16	1/2	5/32	1	2-3/8	2	A30D	B30D	E30D	2	1.9
350 kcmil	**YFA31CPL-2**	1-7/32	1-5/16	2-5/16	13-3/16	1/2	3/16	1	2-3/8	2	A31D	B31D	E31D	2	2.3
400 kcmil	**YFA32CPL-2**	1-7/32	1-7/16	2-5/16	13-3/16	1/2	3/16	1	2-3/8	2	A32D	B32D	E32D	2	2.4
500 kcmil	**YFA34CPL-2**	1-11/32	1-1/2	2-3/4	13-5/8	1/2	7/32	1	2-3/8	2	A34D	No Nest Die Req'd.	E34D	2	2.7
750 kcmil	**YFA39CPL-2**	1-1/2	1-15/16	2-3/4	13-5/8	1/2	1/4	1	2-3/8	2	—	—	E39D	2	3.1

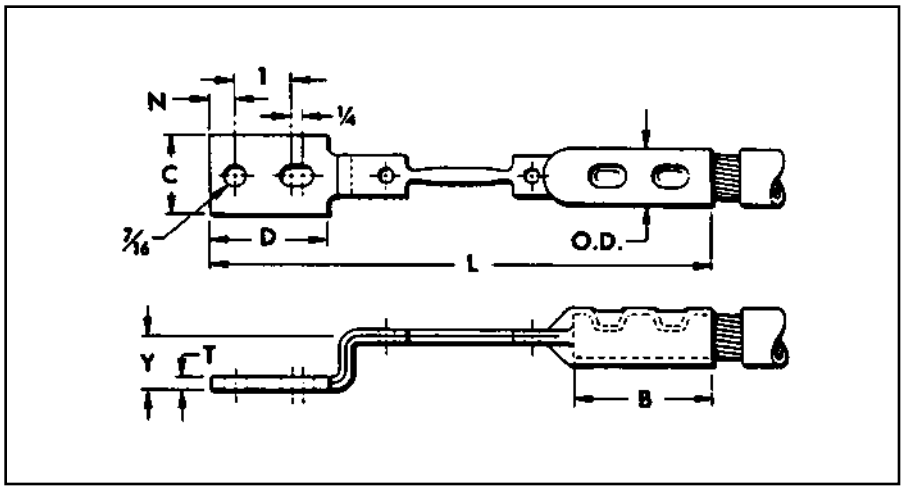
For conductor sizes not listed call customer service.
To specify a fast acting limiter in any configuration insert an "F" before the conductor number (e.g., YFSF34CR specifies a 1/2 thick limiter section).

TYPES YFAR, YFAP

LIMITER LUG

For Use with Limiter Lug Assembly

The Limiter Lug incorporates an accurately determined fusible section as an integral part with its terminal end. The fusible section is so selected that it wil prevent the cable from roasting or damage from a short circuit, although it will not clear on minor overloads of short duration not harmful to cable insulation. For proper HYPRESS™ installation, see table below.



Cable Size	For Use on Rubber Insul. Cable Catalog No.	For Use on Paper Insul. Cable-Oil Tight Cable Socket Catalog No.	Dimensions in Inches								Installation Information				App. Wt. in Lbs.
											HYPRESS™ & Indentor Die				
											Y34A with Y34PR	Y34BH with Y34PR	Y44B with Y44PR	No. of Indents	
			B	C	D	L	N	T	Y	O.D.	Nest Die				
4/0 Str.	**YFAR28-2**	**YFAP28-2**	1-7/8	1	2-3/16	8-1/4	7/16	9/64	27/32	11/16	A28D	B28D	E28D	1	.28
250 kcmil	**YFAR29-2**	**YFAP29-2**	1-7/8	1-1/8	2-3/16	8-1/4	7/16	5/32	27/32	3/4	A29D	B29D	E29D	1	.33
300 kcmil	**YFAR30-2**	**YFAP30-2**	2	1-3/16	2-5/16	8-7/8	1/2	5/32	1	13/16	A30D	B30D	E30D	2	.42
350 kcmil	**YFAR31-2**	**YFAP31-2**	2	1-5/16	2-5/16	8-7/8	1/2	3/16	1	7/8	A31D	B31D	E31D	2	.46
400 kcmil	**YFAR32-2**	**YFAP32-2**	2-1/8	1-7/16	2-5/16	9	1/2	3/16	1	31/32	A32D	B32D	E32D	2	.55
500 kcmil	**YFAR34-2**	**YFAP34-2**	2-9/16	1-1/2	2-3/4	10	1/2	7/32	1	1-1/16	A34D	No Nest Die Req'd.	E34D	2	.83
750 kcmil	**YFAR39-2**	**YFAP39-2**	2-1/2	1-15/16	2-3/4	10	1/2	1/4	1	1-5/16	—	—	E39D	2	1.2

For conductor sizes not listed call customer service.

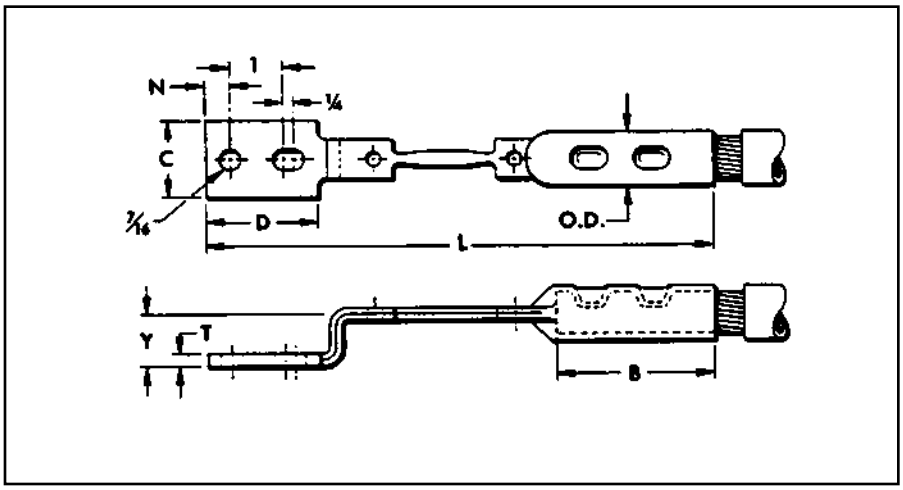
Blue highlighted items are industry standard and most frequently ordered.

TYPE YFAP-L

LONG LIMITER LUG

For Use with Long Limiter Lug Assembly

Similar to Limiter Lug Types YFAR and YFAP, except that this type provides a long oil tight cable socket, preferred by some users of paper-insulated cables. Fusing characteristics shown in technical section. For HYPRESS™ installation, see table below.



Cable Size	Catalog Number	Dimensions in Inches								Installation Information				App. Ship. Wt. in Lbs.
										HYPRESS™ & Indentor Die				
										Y34A with Y34PR	Y34BH with Y34PR	Y44B with Y44PR	No. of Indents	
		B	C	D	L	N	T	Y	O.D.	Nest Die				
4/0 Str.	**YFAP28L-2**	3-9/16	1	2-3/16	9-15/16	7/16	9/64	27/32	11/16	A28D	B28D	E28D	1	.36
250 kcmil	**YFAP29L-2**	3-9/16	1-1/8	2-3/16	9-15/16	7/16	5/32	27/32	3/4	A29D	B29D	E29D	1	.42
300 kcmil	**YFAP30L-2**	3-11/16	1-3/16	2-5/16	10-9/16	1/2	5/32	1	13/16	A30D	B30D	E30D	2	.52
350 kcmil	**YFAP31L-2**	3-11/16	1-5/16	2-5/16	10-9/16	1/2	3/16	1	7/8	A310	B31D	E31D	2	.58
400 kcmil	**YFAP32L-2**	3-13/16	1-7/16	2-5/16	10-11/16	1/2	3/16	1	31/32	A32D	B320	E32D	2	.70
500 kcmil	**YFAP34L-2**	4-1/4	1-1/2	2-3/4	11-11/16	1/2	7/32	1	1-1/16	A34D	No Nest Die Req'd.	E34D	2	1.0
750 kcmil	**YFAP39L-2**	4-3/16	1-15/16	2-3/4	11-11/16	1/2	1/4	1	1-5/16	—	—	E39D	2	1.5

For further information call customer service.

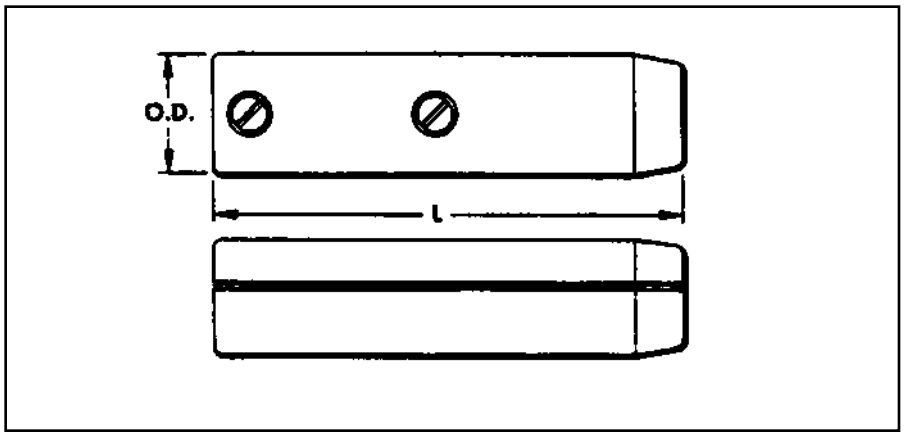
Blue highlighted items are industry standard and most frequently ordered.

TYPE YFAH

DURICOMP™ LIMITER SHELL

For Use with Limiter Lug Assemblies

A composite shell composed of two halves with heat proof arcing chamber to confine and break the fusing arc. Shells may be ordered separately to replace those damaged in service. Contains no asbestos.



Cable Range	Catalog Number	Dimensions in Inches		App. Ship.
		L	O.D	Wt. in Lbs.
4/0 Str. to 250 kcmil	**YFAH2829**	5-11/16	1-7/16	.50
300 kcmil to 400 kcmil	**YFAH34**	7-1/8	1-7/8	.92
750 kcmil	**YFAH39***	7-1/8	1-7/8	.92

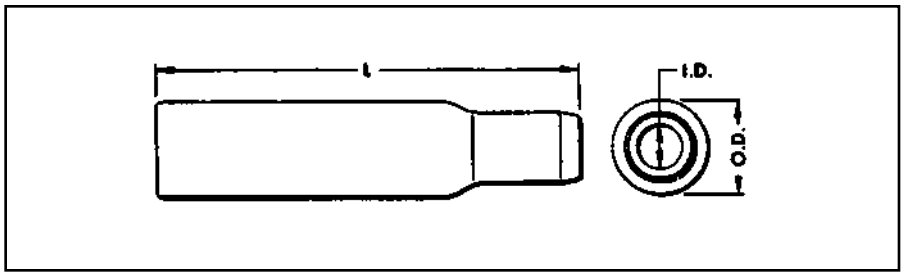
* Note: Replacement screws a #10 x 32 x 1″ standard roundhead.

TYPE YFAC

INSULATING SLEEVES

For Use with Limiter Lug Assemblies

A molded sleeve for insulating the Limiter Lug and shell assembly. Fitting closely over the shell, the problem of insulating the assembly is greatly simplified.



Cable Range	Catalog Number	Dimensions in Inches			App. Ship.
		I.D.	L	O.D	Wt. in Lbs.
4/0 Str. to 250 kcmil	**YFAC6429**	1	9-3/4	1-7/8	.37
300 kcmil to 400 kcmil	**YFAC7834**	1-7/32	10-3/8	2-3/8	.77
500 kcmil	**YFAC8634**	1-11/32	10-3/8	2-3/8	.75
750 kcmil	**YFAC9634**	1-1/2	10-3/8	2-3/8	.72

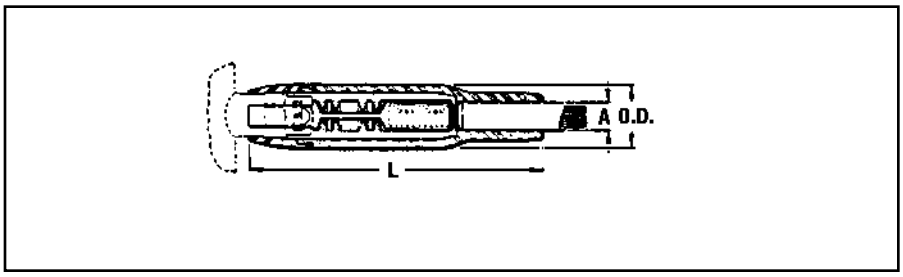
For conductor sizes not listed call customer service.

Blue highlighted items are industry standard and most frequently ordered.

TYPES YFM-CR, YFM-CP

MOLIMITER™ ASSEMBLY

With DURICOMP™ Shell and Rubber Sleeve for Insulated Cables



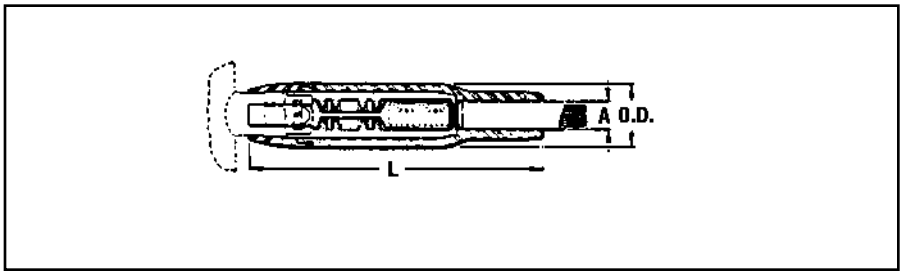
The MOLIMITER™ is used for fusing underground cables at junction points. The unit is designed for use with the BURNDY® MOLE™ and provides Limiter protection for cables which terminate at the MOLE™. The cable end is installed in the MOLIMITER™ cable socket (see Installation Information in table below) and then the MOLE™ end is installed in the MOLE™ outlet Socket and Nut assembly. MOLIMITERs which have burned clear may be quickly replaced. For time current characteristics see the technical section.

Cable Size	For Use on Rubber Insulated Cable Catalog No.	For Use on Paper Insulated Cable-Oil Tight Cable Socket Catalog No.	Dimensions in Inches (Max. Cable Dia. Over Insul.) A	L	O.D.	For Connection to MOLE™ Use: Socket and Nut Assembly See Page K-32	Z Cone See Page K-33	MOLE™ Outlet Size	Installation Information: HYPRESS™ & Indentor Die Nest Die: Y34A with Y34PR	Y34BH with Y34PR	Y44B with Y44R	Number of Indents	App. Ship Wt. in Lbs.
4/0 Str.	**YFM28CR**	**YFM28CP**	1	9-3/4	1-7/8	Z28NR	Z2828	A	A28D	B28D	E28D	1	1.1
250 kcmil	**YFM29CR**	**YFM29CP**	1	9-3/4	1-7/8	Z29NR	Z2929	A	A29D	B29D	E29D	1	1.1
300 kcmil	**YFM30CR**	**YFM30CP**	1-1/8	10-5/16	2-3/16	Z30NR	Z3030	A	A30D	B30D	E30D	2	1.7
350 kcmil	**YFM31CR**	**YFM31CP**	1-1/8	10-5/16	2-3/16	Z32NR	Z3132	A	A31D	B31D	E310	2	1.8
400 kcmil	**YFM32CR**	**YFM32CP**	1-1/8	10-5/16	2-3/16	Z32NR	Z3232	A	A32D	B32D	E32D	2	1.9
500 kcmil	**YFM34CR**	**YFM34CP**	1-11/32	11-11/16	2-3/8	Z34NR	Z3434	A	A34D	No Nest Die Req'd.	E34D	2	2.6
750 kcmil	**YFM39CR**	**YFM39CP**	1-1/2	12-3/16	2-9/16	Z34NRB	Z3434	B	—	—	E39D	2	3.4

TYPE YFM-CPL

LONG MOLIMITER™ ASSEMBLY

With DURICOMP™ Shell and Rubber Sleeve for Paper-Lead Cables



The Long MOLIMITER™ differs from the standard MOLIMITER™ only in its extra long cable socket. This socket, with the end seam sealed oil tight, is preferred by some for use on paper insulated cables. Time-current characteristics are shown in the technical section.

For proper HYPRESS™ installation, see table below.

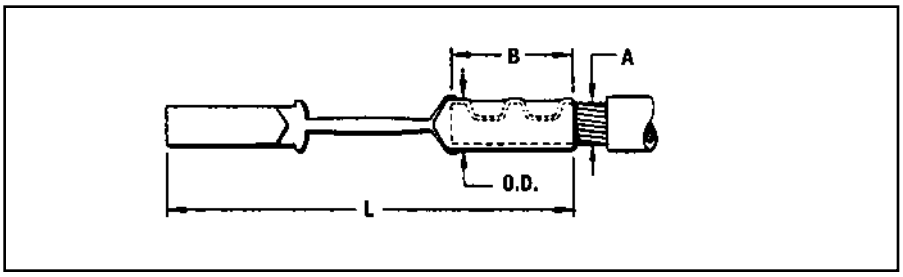
Cable Size	Catalog Number	Dimensions in Inches (Max. Cable Dia. Over Insul.) A	L	O.D.	For Connection to MOLE™ Use: Socket and Nut Assembly See Page K-32	Z Cone See Page K-33	MOLE™ Outlet Size	Installation Information: HYPRESS™ & Indentor Die Nest Die: Y34A with Y34PR	Y34BH with Y34PR	Y44B with Y44R	Number of Indents	Ship Wt. in Lbs.
4/0 Str.	**YFM28CPL**	1	9-3/4	1-7/8	Z28NR	Z2828	A	A28D	B28D	E28D	1	1.0
250 kcmil	**YFM29CPL**	1	9-3/4	1-7/8	Z29NR	Z2929	A	A29D	B29D	E29D	1	1.0
300 kcmil	**YFM30CPL**	1-1/8	10-5/16	2-3/16	Z30NR	Z3030	A	A30D	B30D	E30D	2	1.7
350 kcmil	**YFM31CPL**	1-1/8	10-5/16	2-3/16	Z32NR	Z3132	A	A31D	B31D	E31D	2	1.7
400 kcmil	**YFM32CPL**	1-1/8	10-5/16	2-3/16	Z32NR	Z3232	A	A32D	B32D	E32D	2	1.8
500 kcmil	**YFM34CPL**	1-11/32	11-11/16	2-3/8	Z34NR	Z3434	A	A34D	No Nest Die Req'd.	E34D	2	2.5
750 kcmil	**YFM39CPL**	1-1/2	12-3/16	2-9/16	Z34NRB	Z3434	B	—	—	E39D	2	3.2

For conductor sizes not listed call customer service.

TYPES YFMR, YFMP

MOLIMITER™

For Use with MOLIMITER™ Assembly



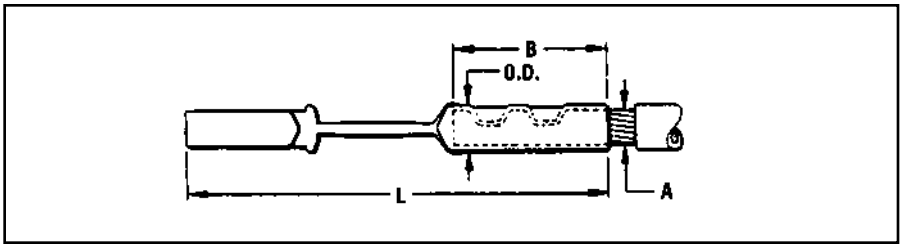
The MOLIMITER™ combines an accurately determined fusible section with both a MOLE™ Socket end and a cable socket. Designed to clear on overloads that would injure the cable insulation, the MOLIMITER™ may be easily and quickly replaced. For time current characteristics of MOLIMITERs see the technical section. For proper HYPRESS™ installation, see table below.

Cable Size A	For Use on Rubber Insulated Cable Catalog No.	For Use on Paper Insulated Cable-Oil Tight Cable Socket Catalog No.	Dimensions in Inches B	L	O.D.	For Connection to MOLE™ Use: Socket and Nut Assembly See Page 32	Z Cone See Page 33	MOLE™ Outlet Size	Installation Information: HYPRESS™ & Indentor Die Y34A with Y34PR Nest Die	Y34BH with Y34PR Nest Die	Y44B with Y44R Nest Die	Number of Indents	App. Ship Wt. in Lbs.
4/0 Str.	**YFMR28**	**YFMP28**	1-7/8	6-1/8	11/16	Z28NR	Z2828	A	A28D	B28D	E28D	1	.21
250 kcmil	**YFMR29**	**YFMP29**	1-7/8	6-1/8	3/4	Z29NR	Z2929	A	A29D	B29D	E29D	1	.25
300 kcmil	**YFMR30**	**YFMP30**	2	6-9/16	13/16	Z30NR	Z3030	A	A30D	B30D	E30D	2	.31
350 kcmil	**YFMR31**	**YFMP31**	2	6-15/16	7/8	Z32NR	Z3132	A	A31D	B31D	E31D	2	.38
400 kcmil	**YFMR32**	**YFMP32**	2-1/8	7-1/16	31/32	Z32NR	Z3232	A	A32D	B32D	E32D	2	.43
500 kcmil	**YFMR34**	**YFMP34**	2-13/16	8-1/8	1-1/16	Z34NR	Z3434	A	A34D	No Nest Die Req'd.	E34D	2	.79
750 kcmil	**YFMR39**	**YFMP39**	2-3/4	9-1/16	1-5/16	Z34NRB	Z3434	B	—	—	E39D	2	1.1

TYPE YFMP-L

LONG MOLIMITER™ ASSEMBLY

For Use with Long MOLIMITER™ Assembly



Similar to Type YFMR and YFMP except for a long oil tight cable socket preferred by some users of paper-insulated cable. Fusing characteristics shown in the technical sections. For proper HYPRESS™ installation, see table below.

Cable Size	Catalog Number	Dimensions in Inches B	L	O.D.	For Connection to MOLE™ Use: Socket and Nut Assembly See Page 32	Z Cone See Page 33	MOLE™ Outlet Size	Installation Information: HYPRESS™ & Indentor Die Y34A with Y34PR Nest Die	Y34BH with Y34PR Nest Die	Y44B with Y44R Nest Die	Number of Indents	Ship Wt. in Lbs.
4/0 Str.	**YFMP28L**	3-1/16	7-5/16	11/16	Z28NR	Z2828	A	A28D	B28D	E28D	1	.27
250 kcmil	**YFMP29L**	3-1/16	7-5/16	11/16	Z29NR	Z2929	A	A29D	B29D	E29D	1	.32
300 kcmil	**YFMP30L**	3-3/8	7-15/16	13/16	Z30NR	Z3030	A	A30D	B30D	E30D	2	.39
350 kcmil	**YFMP31L**	3-3/8	8-5/16	7/8	Z32NR	Z3132	A	A31D	B31D	E31D	2	.48
400 kcmil	**YFMP32L**	3-3/8	8-5/16	31/32	Z32NR	Z3232	A	A32D	B32D	E32D	2	.54
500 kcmil	**YFMP34PL**	4-1/8	9-7/16	1-1/16	Z34NR	Z3434	A	A34D	No Nest Die Req'd.	E34D	2	.94
750 kcmil	**YFMP39PL**	4-3/16	10-3/8	1-5/16	Z34NRB	Z3434	B	—	—	E39D	2	1.3

For conductor sizes not listed call customer service.

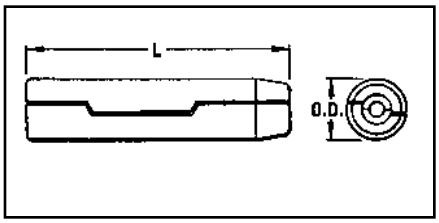
To specify a fast acting limiter in any configuration insert an "F" before the conductor number (e.g. YFSE34CR specifies a 1/2 thick limiter section).

Blue highlighted items are industry standard and most frequently ordered.

TYPES YFMH, YFMH-P

DURICOMP™ MOLIMITER™ SHELL

For Use with MOLIMITER™ Assemblies



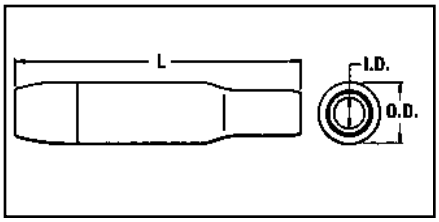
A molded composite shell with heat proof arcing chamber to confine and break the arc created by fusing under overload conditions. Shells may be ordered separately to replace those damaged. Contains no asbestos.

Cable Range	For Use on Rubber Insulated Cable Catalog Number	For Use on Paper Insulated Cable Long and Short Socket Type Catalog Number	Dimensions in Inches L	Dimensions in Inches O.D.	App. Ship. Wt. in Lbs.
4/0 Str. to 250 kcmil	**YFMH2829**	**YFMH2829P**	5-7/16	1-1/2	.42
300 kcmil to 400 kcmil	**YFMH3032**	**YFMH3032P**	6	1-11/16	.62
500 kcmil	**YFMH34**	**YFMH34P**	7-1/8	1-7/8	.73
750 kcmil	**YFMH39**	**YFMH39P**	7-1/8	2-1/16	.88

TYPE YFMC

INSULATING SLEEVE

For Use with MOLIMITER™ Assemblies



A two-part molded sleeve for insulating the MOLIMITER™ and composite shell assembly. Fitting closely over the shell, complete insulation is effected in a minimum of time.

Cable Range	Catalog Number	Dimensions in Inches I.D.	Dimensions in Inches L	Dimensions in Inches O.D.	App. Ship. Wt. in Lbs.
4/0 Str. to 250 kcmil	**YFMC6429**	1	9-3/4	1-7/8	.37
300 kcmil to 400 kcmil	**YFMC7232**	1-1/8	10-5/16	2-3/16	.70
500 kcmil	**YFMC8634**	1-11/32	11-11/16	2-3/8	.93
750 kcmil	**YFMC9639**	1-1/2	12-3/16	2-9/16	1.2

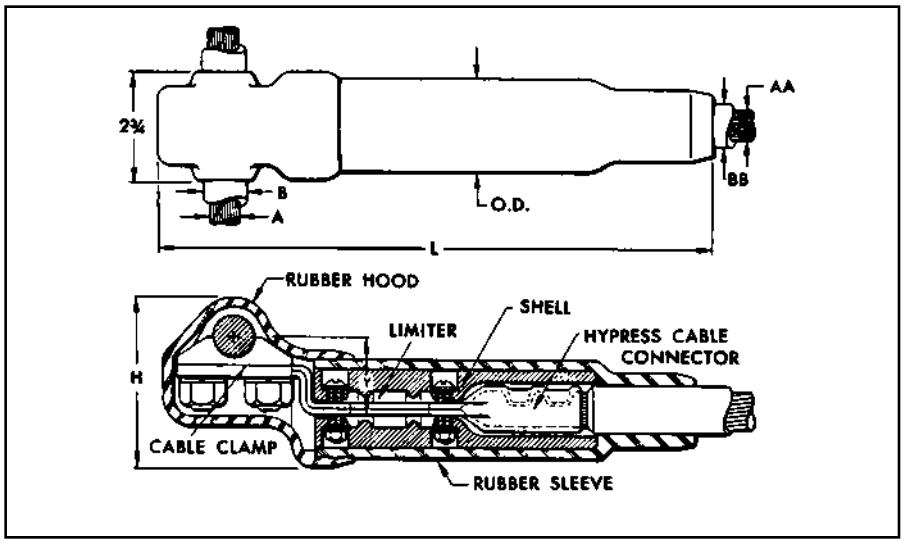
For conductor sizes or sleeve inside diameters not listed call customer service.

TYPE VYFT

LIMITER TAP ASSEMBLY

For Insulated Cables

The Limiter Tap is suitable for making Limiter connections to a cable ring bus in a manhole or transformer vault. It can be installed on oil-impregnated, paper insulated, or rubber insulated cable. Fusing characteristics of the Limiter are the same as Type YFA shown in the technical section. The rubber sleeve and insulating hood reduce taping to a minimum. Catalog Numbers shown include hoods. If no hood is required, eliminate one "C" from the Catalog Number. Replaceable Link Limiter Taps can be ordered. For proper HYPRESS™ installation, see table below.



Paper-Lead Cables
If a long cable socket is preferred for use on paper insulated cable add "L" to the catalog number (e.g., VYFT3428CCP becomes VYFT3428CCPL).

Cable Size		For Use on Rubber Insul. Cable	For Use on Paper Insul. Cable-Oil Tight Cable Socket	Dimensions in Inches						Installation Information			App. Ship. Wt. in Lbs.
										HYPRESS™ & Indentor Die			
										Y34A with Y34PR	Y34BH with Y34PR	No. of Indents	
A Run	AA Tap	Catalog No.	Catalog No.	B Max. Cable Dia. Over Insul.	BB Max. Cable Dia. Over Insul.	H	L	Y	O.D.	Nest Die			
500 kcmil	4/0 Str.	**VYFT3428CCR**	**VYFT3428CCP**	1-3/32	1	4	12-3/16	1-3/4	1-15/16	A28D	B28D	1	2.2
500 kcmil	500 kcmil	**VYFT3434CCR**	**VYFT3434CCP**	1-3/32	1-11/32	4	14-3/16	1-3/4	2-3/8	A34D	No Nest Die Req'd.	2	3.5
750 kcmil	500 kcmil	**VYFT3934CCR**	**VYFT3934CCP**	1-5/16	1-11/32	4	14-3/16	1-3/4	2-3/8	A34D	No Nest Die Req'd.	2	3.7
1000 kcmil	500 kcmil	**VYFT4434CCR**	**VYFT4434CCP**	1-1/2	1-11/32	4-1/8	14-3/16	2-3/32	2-3/8	A34D	No Nest Die Req'd.	2	4.0

To specify a fast acting limiter in any configuration insert an "F" before the conductor number (e.g., YFSF34CR specifies a 1/2 thick limiter section).

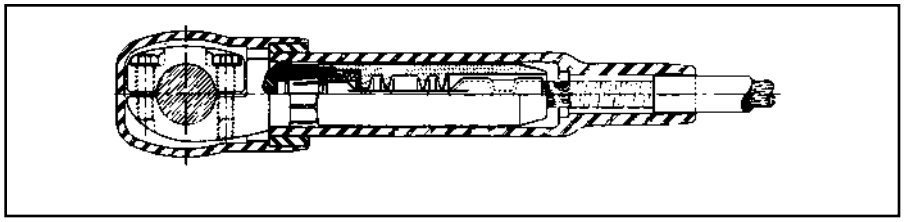
K-55

TYPE NYFT

LIMITER TEE TAP

For Rubber or Paper Insulated Cables

The NYFT Limiter is similar to Type VYFT except the run conductor is clamped with a four bolt cap and the Limiter Tap is removable by means of a socket and nut assembly.



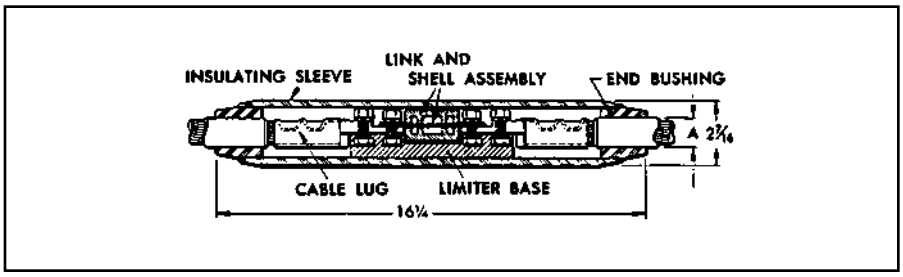
The Limiter current characteristics are the same as Type YFA shown in the technical section.

Blue highlighted items are industry standard and most frequently ordered.

TYPE LYS

REPLACEABLE LINK LIMITER

With DURICOMP™ Shell and Rubber Sleeve for Insulated Cables



The Replaceable Link Limiter incorporates the functions of both fuse and coupler. For use with rubber and paper-insulated cable, it is designed to facilitate rapid and inexpensive replacement of Limiter Links upon clearing. It also permits, if desired, the use of a Link rated for a lower ampere capacity than supplied with our standard Limiter. For proper HYPRESS™ installation, see table below.

Cable Size	Catalog Number	**(Max. Cable Dia. Over Insul. Inches) A	Number of Indents in Cable Socket	*Link Supplied		Installation Information				App. Ship. Wt. in Lbs.
						HYPRESS™ & Indentor Die				
				Ampere Capacity	Catalog Number	Y29B with Y29PR	Y34A with Y34PR	Y34BH with Y34PR	No. of Indents	
						Nest Die				
#4 Str.	**LYS4CC**	1/2	1	75A	**LF1010**	D4CL	A4CD	B4CD	1	2.1
#2 Str.	**LYS2CC**	3/4	1	100A	**LF1014**	D2CL	A2CD	B2CD	1	2.2
#1 Str.	**LYS1CC**		1	100A	**LF1014**	D1CL	A1cD	B1CD	1	2.2
1/0 Str.	**LYS25C**		1	150A	**LF1025**	D25L	A25D	B25D	1	2.2
2/0 Str.	**LYS26C**		1	150A	**LF1025**	D26L	A26D	B26D	1	2.3
3/0 Str.	**LYS27C**	1	1	200A	**LF2019**	D27L	A27D	B27D	1	2.3
4/0 Str.	**LYS28C**		1	250A	**LF2027**	D28L	A28D	B28D	1	2.4
250 kcmil	**LYS29C**		1	250A	**LF2027**	D29L	A29D	B29D	1	2.4
300 kcmil	**LYS30C**	1-1/4	2	300A	**LF2038**	—	A30D	B30D	2	2.5
350 kcmil	**LYS31C**		2	300A	**LF2038**	—	A31D	B31D	2	2.6
400 kcmil	**LYS32C**		2	400A	**LF2065**	—	A32D	B32D	2	2.7
500 kcmil	**LYS34C**		2	400A	**LF2065**	—	A34D	No Nest Die Req'd.	2	3.1

* Fuse link supplied is selected on the basis of a minimum blowing current of approximately twice the NEC rubber-insulated cable rating. Refer to Time Current curves shown and specify if another size is desired.

** The standard end bushing supplied is for maximum cable insulation diameters as shown. Compact cable will require a bushing with a smaller inside diameter to accommodate the smaller insulation diameter of the cable. If other than standard bushing is required, contact customer service.

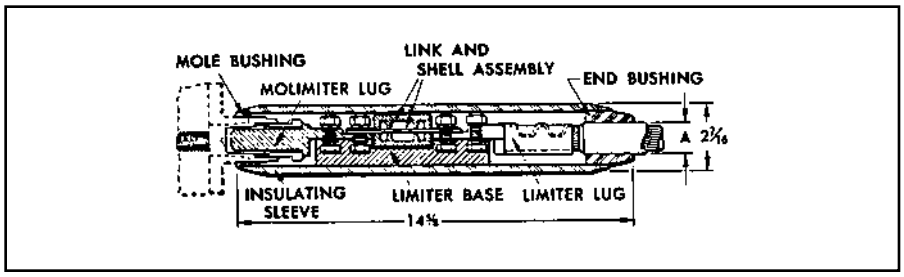
To specify a fast acting limiter in any configuration insert an "F" before the conductor number (e.g., YFSE34CR specifies a 1/2 thick limiter section).

Blue highlighted items are industry standard and most frequently ordered.

TYPE LYM

REPLACEABLE LINK MOLIMITER™

With DURICOMP™ Shell and Rubber Sleeve for Insulated Cables



The Replaceable Link MOLIMITER™ is used to fuse underground cables at junction points with BURNDY® MOLEs. The "Replaceable Link" feature permits the selection of one of several links. In addition, the replacement of links that have burned clear is both rapid and inexpensive. For use with both rubber and paper insulated cables. The MOLE™ end of the MOLIMITER™ is installed in the MOLE™ Socket and Nut Assembly, while the cable socket end is HYPRESS™ installed, see table below for proper installation.

Cable Size	Catalog Number	**(Max. Cable Dia. Over Insul. Inches) A	Number of Indents in Cable Socket	*Link Supplied		For Connection to MOLE™ Use		Installation Information				App. Ship. Wt. in Lbs.
						Socket and Nut Assembly see pg. K-32	Z Cone see pg. K-33	HYPRESS™ & Indentor Die				
				Ampere Capacity	Catalog Number	Catalog Number	Catalog Number	Y29B with Y29PR Nest Die	Y34A with Y34PR Nest Die	Y34BH with Y34PR Nest Die	No. of Indents	
#2 Str.	**LYM2CC**	3/4	1	100A	**LF1014**	**Z28NR**	Z2828	D2CL	A2CD	B2CD	1	2.0
#1 Str.	**LYM1CC**		1	100A	**LF1014**	**Z28NR**	Z2828	D1CL	A1CD	B1CD	1	2.1
1/0 Str.	**LYM25C**		1	150A	**LF1025**	**Z28NR**	Z2828	D25L	A25D	B25D	1	2.1
2/0 Str.	**LYM26C**		1	150A	**LF1025**	**Z28NR**	Z2828	D26L	A26D	B26D	1	2.1
3/0 Str.	**LYM27C**	1	1	200A	**LF2019**	**Z28NR**	Z2828	D27L	A27D	B27D	1	2.1
4/0 Str.	**LYM28C**		1	250A	**LF2027**	**Z28NR**	Z2828	D28L	A28D	B28D	1	2.1
250 kcmil	**LYM29C**		1	250A	**LF2027**	**Z29NR**	**Z2929**	D29L	A29D	B29D	1	2.2
300 kcmil	**LYM30C**	1-1/4	2	300A	**LF2038**	**Z30NR**	**Z3030**	—	A30D	B30D	2	2.3
350 kcmil	**LYM31C**		2	300A	**LF2038**	**Z32NR**	**Z3132**	—	A31D	B31D	2	2.5
400 kcmil	**LYM32C**		2	400A	**LF2065**	**Z32NR**	**Z3232**	—	A32D	B32D	2	2.6
500 kcmil	**LYM34C**		2	400A	**LF2065**	**Z34NR**	**Z3434**	—	A34D	No Nest Die Req'd.	2	2.9

* Fuse link supplied is selected on the basis of a minimum blowing current of approximately twice the NEC rubber-insulated cable rating. Refer to Time Current curves shown and specify if another size is desired.

** The standard end bushing supplied is for maximum cable insulation diameters as shown. Compact cable will require a bushing with a smaller inside diameter to accommodate the smaller insulation diameter of the cable. If other than standard bushing is required, contact customer service.

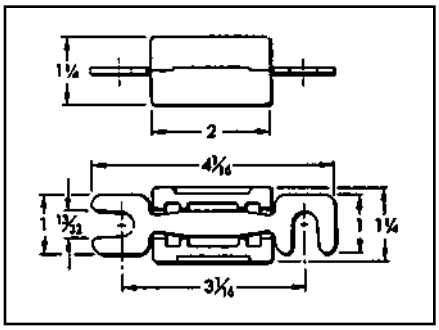
K-57

Blue highlighted items are industry standard and most frequently ordered.

TYPE LF

LIMITER LINK

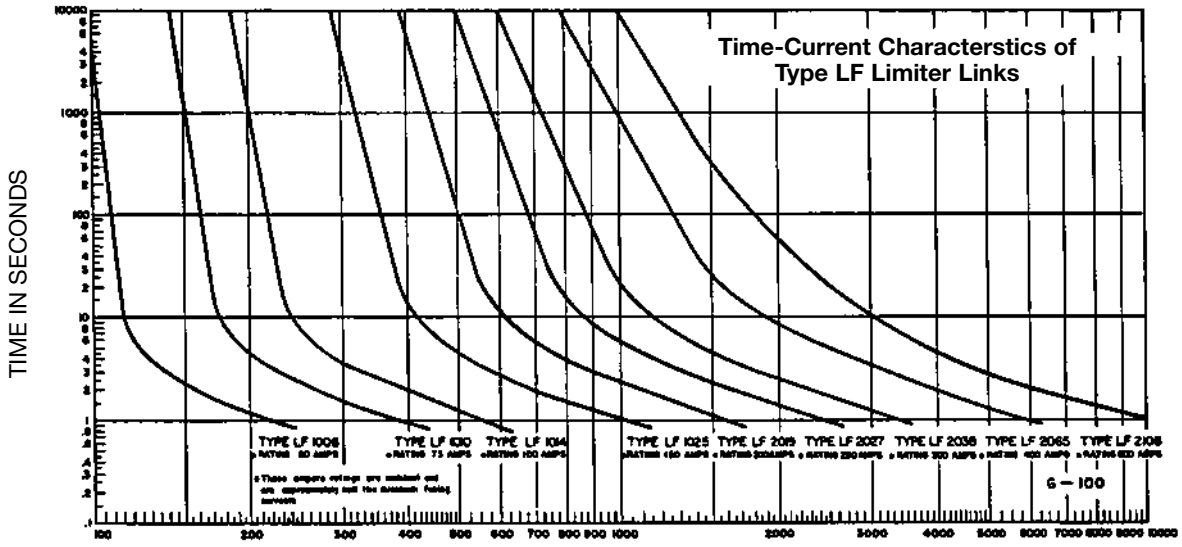
For Use with All Replaceable Limiters



Made of pure copper, the Limiter Link is controlled dimensionally to close tolerances to maintain accurate fusing chracteristics. Refer to Time-Current Characteristic curve shown below and specify rating desired. The Limiter Link is supplied enclosed in a shell with heat-proof chamber to confine and break the arc created by fusing.

Ampere Capacity	*Catalog Number	Approx. Ship. Wt. in Lbs.
50A	**LF1006**	.08
75A	**LF1010**	.08
100A	**LF1014**	.08
150A	**LF1025**	.08
200A	**LF2019**	.09
250A	**LF2027**	.09
300A	**LF2038**	.11
400A	**LF2065**	.12
500A	**LF2108**	.15

* For use with LYS and LYM.



Current in Amperes

Time-Current Fusing Characteristics of Type LF Limiter Links

The nominal current ratings of these Limiter Links are approximately one-half the minimum currents required to clear the fuses. The general slope and shape of the curves are similar to those of the time-current curves of the Limiters. The Type LF Limiter Links are made of pure copper with dimensions carefully controlled in order to maintain accurate fusing characteristics.

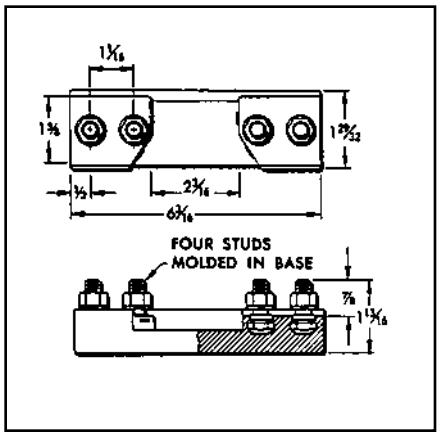
Blue highlighted items are industry standard and most frequently ordered.

TYPE LYS34P1

LIMITER BASE

For Use With All
Replaceable Limiters

A heat resisting, high impact, molded phenolic base for mounting HYDENT™ Cable lugs or MOLIMITER™-lugs. The bases are supplied with molded in studs, enabling the lugs to be easily assembled to BURNDY® Replaceable Limiter Links. They may be purchased separately for use with all Replaceable Limiters.



Catalog Number	For Use with	Approx. Ship. Wt. in Lbs.
LYS34P1G5	LYM	.32
	LYS	

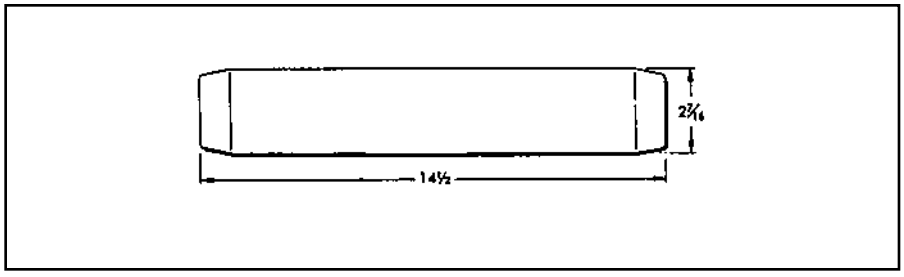
K-59

TYPE LYS34P2

LIMITER SLEEVE

For Use With
Replaceable Limiters

A molded sleeve for insulating the Replaceable Limiter and MOLIMITER™ assemblies. Similar to other component parts, the insulating sleeves may be purchased separately. These sleeves are used in conjunction with the LYS-P6 bushings.

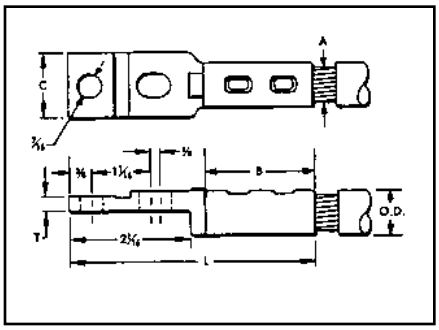


Catalog Number	For Use with	Approx. Ship. Wt. in Lbs.
LYS34P2	LYS	1.2
	LYM	

TYPE LYS-P5

HYLUG™

For Use with Replaceable Limiters



Fabricated of high copper alloy, this terminal has a sealed cable socket for use with paper-insulated, oil-impregnated cables as well as rubber-insulated cables. Tin plated to retard corrosion and prevent discoloration. The HYLUG™ is for use with LYS and LYM.

Cable Size A	Catalog Number	Dimensions in Inches					Installation Information			No. of Indents	App. Ship. Wt. in Lbs.
							HYPRESS™ & Indentor Die				
							Y29B with Y29PR	Y34A with Y34PR	Y34B with Y34PR		
		B	C	L	T	O.D.	Nest Die				
#6 Str.	**LYS6CP5**	1-1/4	3/4	3-9/16	3/16	5/16	D6CL	A6CD	B6CD	1	.16
#4 Str.	**LYS4CP5**	1-1/4	3/4	3-5/8	3/16	11/32	D4CL	A4CD	B4CD	1	.16
#2 Str.	**LYS2CP5**	1-9/32	3/4	3-3/4	3/16	13/32	D2CL	A2CD	B2CD	1	.17
#1 Str.	**LYS1CP5**	1-3/8	3/4	3-29/32	3/16	15/32	D1CL	A1CD	B1CD	1	.20
1/0 Str.	**LYS25P5**	1-3/8	3/4	3-15/16	3/16	17/32	D25L	A25D	B25D	1	.22
2/0 Str.	**LYS26P5**	1-1/2	13/16	4-1/16	3/16	9/16	D26L	A26D	B26D	1	.24
3/0 Str.	**LYS27P5**	1-1/2	29/32	4-1/16	3/16	5/8	D27L	A27D	B27D	1	.28
4/0 Str.	**LYS28P5**	1-5/8	1-1/8	4-3/16	3/16	11/16	D28L	A28D	B28D	1	.31
250 kcmil	**LYS29P5**	1-5/8	1-1/8	4-3/16	1/4	3/4	D29L	A29D	B29D	1	.37
300 kcmil	**LYS30P5**	2	1-3/8	4-9/16	1/4	13/16	—	A30D	B30D	2	.42
350 kcmil	**LYS31P5**	2	1-9/16	4-9/16	1/4	7/8	—	A31D	B31D	2	.53
400 kcmil	**LYS32P5**	2-1/8	1-9/16	4-11/16	1/4	31/32	—	A32D	B 32D	2	.61
500 kcmil	**LYS34P5**	21/4	1-9/16	4-13/16	1/4	1-1/16	—	A34D	No Nest Die Req.	2	.70

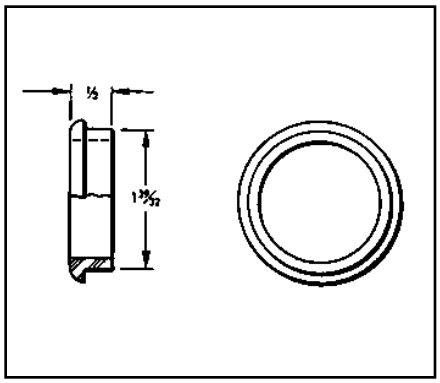
Blue highlighted items are industry standard and most frequently ordered.

TYPE LYM34P3

BUSHING

For Use with Replaceable Limiters

Type LYM34P3 is for assembly of Replaceable MOLIMITERS™ to the MOLE™ outlet. It fills the space between Limiter sleeve and the MOLE™ outlet to allow easy taping.



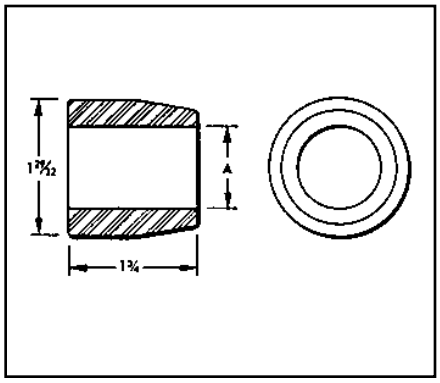
Catalog Number	For Use With	MOLE™ Outlet Size	App. Ship. Wt. in Lbs.
LYM34P3	LYM LZM	A	.01

TYPE LYS-P6

BUSHING

For Use with Replaceable Limiters

The LYS-P6 bushing is designed to fit closely over the cable insulation when used with the LYS34P2 Limiter sleeve. It fills the space between the Limiter sleeve and cable. The tapered bushing facilitates taping at installation.



Catalog Number	(Max. Cable Dia. Over Insul.) A	For Use With	App. Ship. Wt. in Lbs.
LYS32P6	1/2	LYS LYM	.19
LYS48P6	3/4		.19
LYS64P6	1		.16
LYS80P6	1-1/4		.12

TYPES Y, Z

NETWORK PROTECTOR FUSES AND DURICOMP™ ENCLOSURES

Type Z Network Protector Fuses are designed to coordinate with the fusible sections of the Limiters as well as the Protector characteristic itself. A DURICOMP™ enclosure is designed especially to form an arcing chamber for these fuses and contains no asbestos. The hole spacings in the tongues of these fuses are such that they will fit standard Network Protectors. See Time Current characteristic curve below. The Fuse element and the housing must be purchased separately.

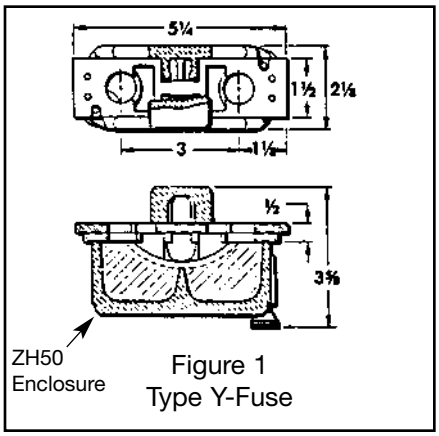


Figure 1
Type Y-Fuse

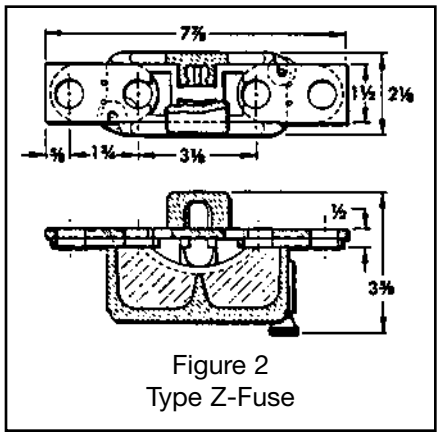
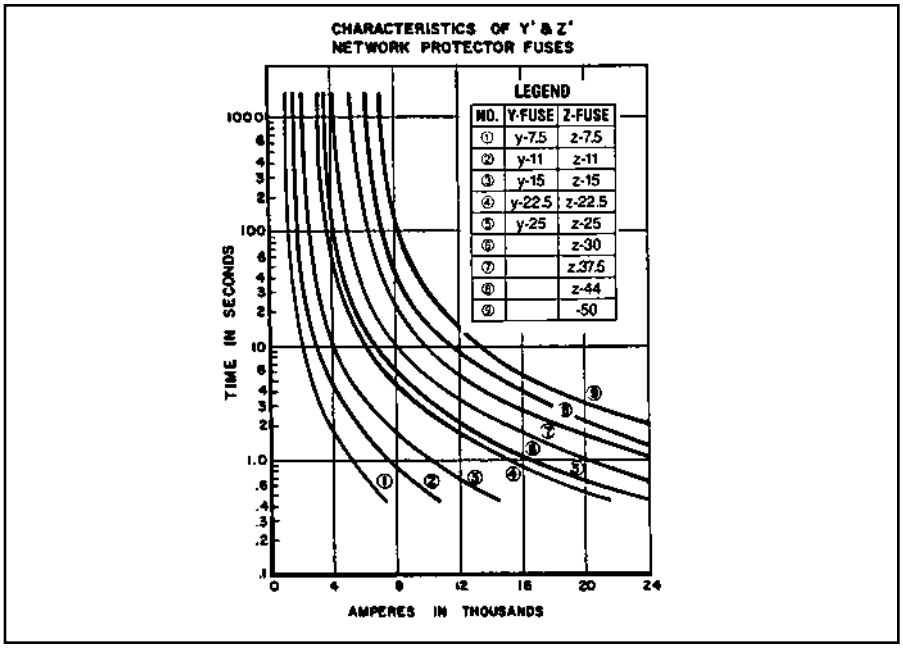


Figure 2
Type Z-Fuse



Fuse Designation Catalog Number				Transformer Full Load (Normal) Amperes	DURICOMP™ Enclosure
Y-Fuse Fig. 1	App. Ship. Wt. in Lbs.	Z-Fuse Fig. 2	App. Ship. Wt. in Lbs.		
Y-7.5	.45	Z-7.5	.95	400	ZH50
Y-11	.46	Z-11	.96	600	
Y-15	.48	Z-15	.98	800	
Y-22.5	.50	Z-22.5	1.0	1200	
Y-25	.63	Z-25	1.13	1333	
—	.75	Z-30	1.25	1600	
Y-37.5	.78	Z-37.5	1.28	2000	
—	—	Z-44	1.29	2500	
Y-S0	.80	Z-50	1.30	3000	

Blue highlighted items are industry standard and most frequently ordered.

TYPE NYT

T-CONNECTOR

Cable Run — Cable Tap

A "T" connector designed to provide a clamp-type element on the run and a permanent HYPRESS™ connection on the tap. Recommended for use on ring buses or for applications where occasional disconnects from the run conductor are desired without disturbing the tap connection. Tin plated. For proper installation of tap cable, see table below.

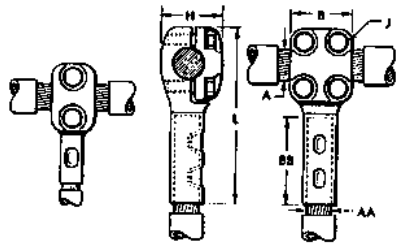


Figure 1 Figure 2

Conductor Size		Catalog	Fig.	Dimensions in Inches					Installation Information HYPRESS™ and Indentor Die				No. of	App. Ship. Wt. in
									Y29B with Y29PR	Y34A with Y34PR	Y34B with Y34PR	Y44B with Y44PR		
Run A	Tap AA	Number	No.	B	BB	H	J	L	Nest Die				Indents	Lbs.
4/0 Str.	#2 Str.	**NYT282C**	1	1-3/8	1-1/4	1-3/8	3/8	3-13/16	D2CL	A2CD	B2CD	—	1	1.5
	1/0 Str.	**NYT2825**	1	1-3/8	1-3/8	1-3/8	3/8	4	D25L	A25D	B25D	—	1	1.5
	2/0 Str.	**NYT2526**	1	1-3/8	1-1/2	1-3/8	3/8	4-1/8	D26L	A26D	B26D	—	1	1.5
	4/0 Str.	**NYT2828**	2	2	1-5/8	1-3/8	3/8	4-5/16	D28L	A28D	B28D	E28D	1	2.2
250 kcmil	#2 Str.	**NYT292C**	1	1-3/8	1-1-/4	1-7/16	3/8	3-13/16	D2CL	A2CD	B2CD	—	1	1.5
	1/0 Str.	**NYT2925**	1	1-3/8	1-3/8	1-7/16	3/8	4-1/16	D25L	A25D	B25D	—	1	1.5
	2/0 Str.	**NYT2926**	1	1-3/8	1-1/2	1-7/16	3/8	4-3/16	D26L	A26D	B26D	—	1	1.5
	4/0 Str.	**NYT2928**	2	2	1-5/8	1-7/16	3/8	4-3/8	D28L	A28D	B28D	E28D	1	2.2
	250 kcmil	**NYT2929**	2	2	1-5/8	1-7/16	3/8	4-7/16	D29L	A29D	B29D	E29D	1	2.2
350 kcmil	1/0 Str.	**NYT3125**	1	1-3/8	1-3/8	1-1/2	3/8	4-1/8	D25L	A25D	B25D	—	1	1.5
	2/0 Str.	**NYT3126**	1	1-3/8	1-1/2	1-1/2	3/8	4-5/16	D26L	A26D	B26D	—	1	1.5
	4/0 Str.	**NYT3128**	2	2	1-5/8	1-1/2	3/8	4-1/2	D28L	A28D	B28D	E28D	1	2.2
	250 kcmil	**NYT3129**	2	2	1-5/8	1-1/2	3/8	4-9/16	D29L	A29D	B29D	E29D	1	2.2
	350 kcmil	**NYT3131**	2	2	2	1-1/2	3/8	5	—	A31D	B31D	E31D	2	2.5
500 kcmil	2/0 Str.	**NYT3426**	1	1-3/8	1-1/2	1-5/8	3/8	4-7/16	D26L	A26D	B26D	—	1	1.7
	4/0 Str.	**NYT3428**	2	2	1-5/8	1-5/8	3/8	4-5/8	D28L	A28D	B28D	E28D	1	2.5
	250 kcmil	**NYT3429**	2	2	1-5/8	1-5/8	3/8	4-5/8	D29L	A29D	B29D	E29D	1	2.5
	350 kcmil	**NYT3431**	2	2	2	1-5/8	3/8	5-1/16	—	A31D	B31D	E31D	2	2.5
	500 kcmil	**NYT3434**	2	2	2-1/4	1-5/8	3/8	5-3/8	—	A34D	No Nest Die Req'd.	E34D	2	2.5
750 kcmil	2/0 Str.	**NYT3926**	1	1-3/8	1-1/2	1-7/8	3/8	4-5/8	D26L	A26D	B26D	—	1	1.7
	4/0 Str.	**NYT3928**	2	2	1-5/8	1-7/8	3/8	4-13/16	D28L	A28D	B28D	E28D	1	2.5
	250 kcmil	**NYT3929**	2	2	1-5/8	1-7/8	3/8	4-13/16	D29L	A29D	B29D	E29D	1	2.5
	350 kcmil	**NYT3931**	2	2	2	1-7/8	3/8	5-1/4	—	A31D	B31D	E31D	2	2.5
	500 kcmil	**NYT3934**	2	2	2-1/4	1-7/8	3/8	5-9/16	—	A34D	No Nest Die Req'd.	E34D	2	2.7
	750 kcmil	**NYT3939**	2	2	2-7/8	1-7/8	3/8	6-1/4	—	—	—	E39D	2	3.0
1000 kcmil	2/0 Str.	**NYT4426**	1	1-3/8	1-1/2	2-1/8	3/8	4-3/4	D26L	A26D	B26D	—	1	1.7
	4/0 Str.	**NYT4428**	2	2	1-5/8	2-1/8	3/8	4-15/16	D28L	A28D	B28D	E28D	1	2.5
	250 kcmil	**NYT4429**	2	2	1-5/8	2-1/8	3/8	5	D29L	A29D	B29D	E29D	1	2.5
	350 kcmil	**NYT4431**	2	2	2	2-1/8	3/8	5-7/16	—	A31D	B31D	E31D	2	2.5
	500 kcmil	**NYT4434**	2	2	2-1/4	2-1/8	3/8	5-3/4	—	A34D	No Nest Die Req'd.	E34D	2	2.7
	750 kcmil	**NYT4439**	2	2	2-7/8	2-1/4	3/8	6-3/8	—	—	—	E39D	2	3.0
	1000 kcmil	**NYT4444**	2	2-11/16	3	2-5/16	1/2	7	—	—	—	No Nest Die Req'd.	2	3.2
1500 kcmil	4/0 Str.	**NYT4628**	2	2	1-5/8	2-11/16	3/8	5-3/8	D28L	A28D	B28D	E28D	1	4.7
	250 kcmil	**NYT4629**	2	2	1-5/8	2-11/16	3/8	5-7/16	D29L	A29D	B29D	E29D	1	4.7
	350 kcmil	**NYT4631**	2	2	2	2-11/16	3/8	5-7/8	—	A31D	B31D	E31D	2	4.7
	500 kcmil	**NYT4634**	2	2	2-1/4	2-11/16	3/8	6-3/16	—	A34D	No Nest Die Req'd.	E34D	2	4.7
	750 kcmil	**NYT4639**	2	2	2-7/8	2-11/16	3/8	6-3/4	—	—	—	E39D	2	5.2
	1000 kcmil	**NYT4644**	2	2-11/16	3	2-3/4	1/2	7-1/8	—	—	—	No Nest Die Req'd.	2	7.5
	1500 kcmil	**NYT4646**	2	2-11/16	3-3/16	2-3/4	1/2	7-11/16	—	—	—	C46D*	2	8.0

* Y48B HYPRESS™ with Y48PR indentor.

K-63

HIGH CAPACITY LIMITER

200,000 AMPERES AT 600 VOLTS

The BURNDY® High Capacity Limiter is designed to economically protect electrical distribution systems from the destructive effect of high energy faults. The increasing number of 600 volt secondary network installations for industrial and commercial applications demand a cable limiter that can safely interrupt 200,000 amperes (symmetrical available) and one that will also completely coordinate with the higher voltage network protector fuses.

Available fault currents as high as 200,000 amperes rms at 600 volts across the fusible elements have been interrupted during tests on the BURNDY® High Capacity Limiter. The power factor during these tests was less than 15%, thereby imposing the most difficult clearing conditions. No external disturbance is experienced upon clearing fault currents from the “float” value to 200,000 amperes. The quartz tiller absorbs the intense energy generated by interrupting the fault current. The quartz fuses into tubular fulgurites, with a high dielectric strength, and forms an insulating barrier between the melted link sections. This action prevents restrike of the internal arc. The rugged aluminum housing and cast epoxy end seals provide a vessel that completely contains the developed energy.

The carefully developed time-current characteristics and rigid manufacturing tolerances assure proper coordination with the network protector tuses and the insulation damage characteristics of 4/0, 250, 350, 500 kcmil and 750 cable.

The High Capacity Limiter is available in four variations to accommodate a variety of installation practices. The Type HYS cable sockets at both ends, which allow for indenting to the cable ends with a hydraulic BURNDY® HYPRESS™. The HYA has an off-set lug on one end which permits back-to-back mounting on bus bar. The HYA also allows cable to installation with no off-set.

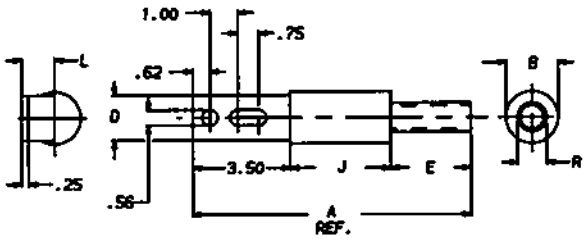
For those installations where BURNDY® MOLEs are used for manhole junctions or transformer vault buses, the Type HYM permits a replaceable connection of the limiter directly to the MOLE™ outlet at one end and a compression cable connection at the other.

Modern electrical distribution systems require low cost protection to safeguard costly equipment and quickly isolate faults, so that the undamaged portions of the system may function normally. BURNDY® High Capacity Limiters assure positive, economical protection when installed in properly designed systems.

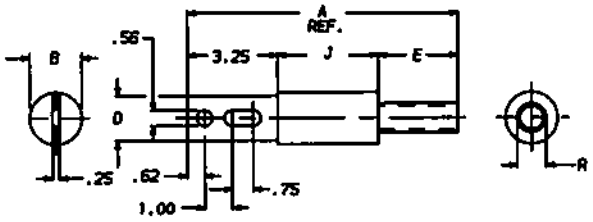
NOTE: Today's fault currents are growing. If you need higher fault current ratings please contact factory.

HIGH CAPACITY LIMITER

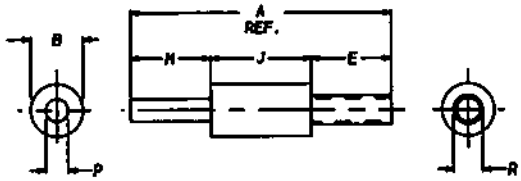
200,000 AMPERES AT 600 VOLTS



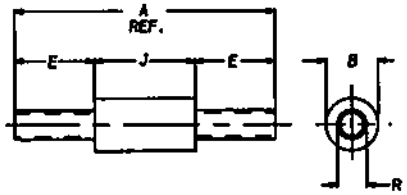
Offset Bus to Cable
Type **HYAO**-
Figure 1



Bus to Cable
Type **HYA**-
Figure 2



MOLE™ to Cable
Type **HYM**-
Figure 3



Cable to Cable
Type **HYS**-
Figure 4

K-65

④ Catalog Number	Cable Size	Fig. No.	A		B		D		E		J		L		M		P		R		Die Index	Die	No. of Crimps per End
			In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm			
HYAO_28	4/0	1	8.87	225	1.44	37	1.12	28	1.75	44	3.62	92	.96	24	—	—	—	—	.68	17	15	U28RT	2
HYAO_29	250 kcmil	1	9.00	229	1.44	37	1.12	28	1.88	48	3.62	92	.96	24	—	—	—	—	.75	19	16	U29RT	2
HYAO_31	350 kcmil	1	9.12	232	1.62	41	1.12	28	2.00	51	3.62	92	.96	24	—	—	—	—	.88	22	18	U31RT	4
HYAO_34	500 kcmil	1	10.00	254	1.88	48	1.62	41	2.88	73	3.62	92	1.19	30	—	—	—	—	1.05	27	20	U34RT	4
HYAO_39	750 kcmil	1	10.13	257	2.50	64	2.00	51	2.88	73	3.75	95	1.31	33	—	—	—	—	1.32	34	24	U39RT	4
HYA_28	4/0	2	8.62	219	1.44	37	1.12	28	1.75	44	3.62	92	—	—	—	—	—	—	.68	17	15	U28RT	2
HYA_29	250 kcmil	2	8.75	222	1.44	37	1.12	28	1.88	48	3.62	92	—	—	—	—	—	—	.75	19	16	U29RT	2
HYA_31	350 kcmil	2	8.87	225	1.62	41	1.12	28	2.00	51	3.62	92	—	—	—	—	—	—	.88	22	18	U31RT	4
HYA_34	500 kcmil	2	9.75	248	1.88	48	1.62	41	2.88	73	3.62	92	—	—	—	—	—	—	1.05	27	20	U34RT	4
HYA_39	750 kcmil	2	9.88	251	2.50	64	2.00	51	2.88	73	3.75	95	—	—	—	—	—	—	1.32	34	24	U39RT	4
HYM_28	4/0	3	7.87	200	1.44	37	—	—	1.75	44	3.62	92	—	—	2.50	64	.52	13	.68	17	15	U28RT	2
HYM_29	250 kcmil	3	8.00	203	1.44	37	—	—	1.88	48	3.62	92	—	—	2.50	64	.58	14	.75	19	16	U29RT	2
HYM_31	350 kcmil	3	8.12	206	1.62	41	—	—	2.00	51	3.62	92	—	—	2.50	64	.68	17	.88	22	18	U31RT	4
HYM_34	500 kcmil	3	9.38	238	1.88	48	—	—	2.88	73	3.62	92	—	—	2.88	73	.81	21	1.05	27	20	U34RT	4
HYM_39	750 kcmil	3	9.51	242	2.50	64	—	—	2.88	73	3.75	95	—	—	2.88	73	1.00	25	1.32	34	24	U39RT	4
HYS_28	4/0	4	7.12	180	1.44	37	—	—	1.75	44	3.62	92	—	—	—	—	—	—	.68	17	15	U28RT	2
HYS_29	250 kcmil	4	7.38	188	1.44	37	—	—	1.88	48	3.62	92	—	—	—	—	—	—	.75	19	16	U29RT	2
HYS_31	350 kcmil	4	7.62	194	1.62	41	—	—	2.00	51	3.62	92	—	—	—	—	—	—	.88	22	18	U31RT	4
HYS_34	500 kcmil	4	9.38	238	1.88	48	—	—	2.88	73	3.62	92	—	—	—	—	—	—	1.05	27	20	U34RT	4
HYS_29	750 kcmil	4	9.51	242	2.50	64	—	—	2.88	73	3.75	95	—	—	—	—	—	—	1.32	34	24	U39RT	4

Notes:

1. For insulated version add suffix "-C" to Catalog Number (example: HYM5340C).
2. High Capacity Limiter. 200kA interrupting capacity at 600V AC.
3. Cable end utilize dies with Y35, Y39, Y46, Y45, Y750 tools (750 kcmil size units cannot be installed with the Y35 HYPRESS™).

④ For fast operating limiter use "F"; for slow or standard operating limiter use "S" before conductor number (example: HYMF34 or HYMS34) see Time-Current Characteristics.

Blue highlighted items are industry standard and most frequently ordered.

PRODUCTS FOR UNDERGROUND RESIDENTIAL DISTRIBUTION SYSTEMS

For over 70 years, BURNDY® has pioneered and produced economical, dependable connectors and protective devices for urban underground distribution systems. This extensive experience has been applied to the development of equipment for low cost underground distribution systems for light commercial and residential areas.

Increasing interest by home buyers and developers has created a need for URD components comparable in cost with those used in overhead systems.

Using connectors designed for other purposes, early URD installations were relatively expensive. Recognizing the need to reduce installation costs BURNDY® developed a line of connectors specifically for URD.

These products are shown in this section. They are the result of a continuing search for new materials and more efficient production methods to bring down cost to meet the requirements of low cost underground construction.

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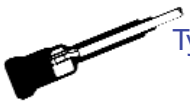

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Tap Kits


Types **RYA-UC, RYA-AC**
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Tap Kits **K-68**


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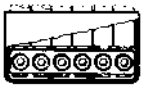

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HYREDUCER™ Splices

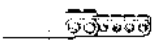

Type **YRB-U** . . . . . **K-71 - K-73**

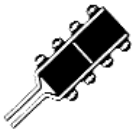

Type **YRB-T** . . . . . **K-74 - K-75**

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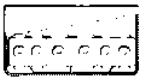

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Power Distribution Blocks

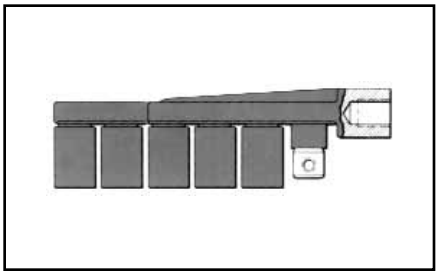

Types **BPD, BPD2** **K-79**

Blue highlighted items are industry standard and most frequently ordered.

TYPE RDMD-28G

URD STUD MOLE™

The RDMD-28G Stud MOLE™ is a submersible junction designed to accommodate a range of copper and aluminum conductors. The Stud MOLE™ is designed for use on transformers where a dead front secondary is required. It is insulated with molded EPT rubber. Mates with a 5/8″-11 copper stud. A jam nut is supplied with the MOLE™ to secure and lock it to the stud.



It is available with either four or six outlets. All outlets except one have factory installed removable sealing caps. Tap kits are ordered separately. REA listed.

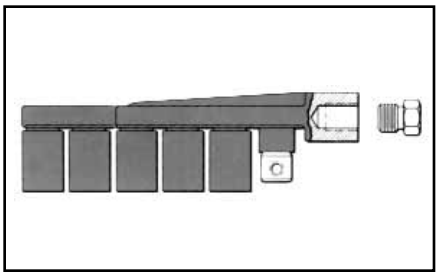
Also available without insulation and sealing caps.

Catalog Number	Number of Outlets	Insulated
RDMD4-28G3	4	Yes
RDMD6-28G3	6	Yes

TYPE RDMD-2858D

STUD MOLE™

The RDMD-2858D Stud MOLE™ is identical to the insulated RDMD-28G except an adapter is supplied, allowing MOLE™ to be removed from transformer stud without disconnecting the individual services.



Catalog Number	Number of Outlets	Insulated
RDMD4-2858D	4	Yes
RDMD6-2858D	6	Yes

TYPE RDMD-28CR

RUBBER INSULATING BOOT

The EPDM rubber force fit boot is designed to provide a completely dead-front and moisture tight installation when used with either the Type RDMD-28G3 or Type RDMD-2858D Stud MOLE™. Bushing end will seal any diameter from .875 to 1.125 inch.

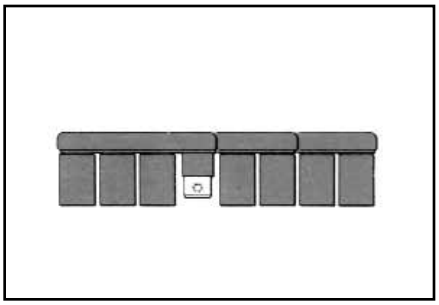


TYPE RDM-28

URD MOLE™

For Aluminum or Copper

Type RDM-28 MOLE™ is an economical, insulated, submersible service junction suitable for direct burial or for use in enclosures. Disconnectable joints allow additions of new services without disturbing previous installations. Taping is eliminated, heat-shrink or force-fit rubber sleeves insulate each joint. Rubber is used to insulate the MOLE™ body. Removable sealing covers are supplied on all outlets but two. REA listed Tap Kits, including HYLUG™, hardware and sleeve are ordered separately.



Catalog Number	Number of Outlets
RDM4-28	4
RDM6-28	6
RDM8-28	8

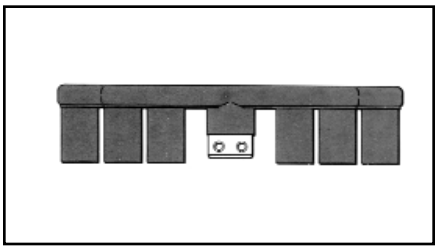
Blue highlighted items are industry standard and most frequently ordered.

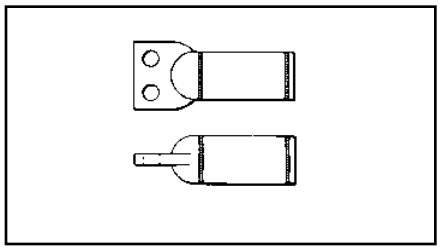
TYPE RDM-28T

URD MOLE™

For Aluminum and Copper

The RDM-28T MOLE™ is available with five or seven outlets. The single hole outlets are the same size as the RDM-28 series and accommodate the same RYA-UC or RYA-UCR tap kits. The larger two-hole outlet accommodates the 500 or 350 kcmil copper cable secondary supplied with many sub-surface transformers. These cables are extended to a junction point where secondary mains or services are connected. Tin-plated copper RYA-C-2 tap kits are used to join the 500 or 350 kcmil copper secondaries to the RDM-28T MOLE™.





Catalog Number	Number of Outlets	
	12 Sol. - 350	350 - 500
RDM5-28T	4	1
RDM7-28T	6	1

Copper Conductor	Catalog Number		Die Index	Tools, Die Set, Catalog No. & (No. of Crimps)	
	Heat Shrink	Force Fit		Y34A	Y35* Series Y750, 739
350	RYA31C-2	RYA31CR-2	20	A34R (4)	U34RT (4)
500	RYA34C-2	RYA34CR-2			

* Y35 U-Dies with adapter PT6515 can also be used in Y45 series HYPRESSES™. Same number of crimps as Y35.

TYPES RYA-UC, RYA-AC

MOLE™ TAP KITS

K-68

For Aluminum or Copper
For Use with Type RDM-28 URD MOLE™

The kit consists of: Universal HYLUG™, mounting hardware and heat-shrink sleeve. The HYLUG™ is pre-filled with PENETROX™ joint compound and sealed. Installed with common installation tools, three die sets install a range of 4 str.- 350 kcmil. The heat-shrink sleeve is lined with a mastic material, providing a positive seal. Installed with standard propane torch, or 500°F electric heat gun. Acetylene heat is too intense and is not recommended.

TYPES RYA-UCR, RYA-ACR

The kit consists of: Universal HYLUG™, mounting hardware and pre-lubricated force-fit rubber sleeve. The HYLUG™ is pre-filled with PENETROX™ joint compound and sealed. Installed with common installation tools, three die sets install a range of 4 str.- 350MCM. The rubber sleeve has internal sealing rings that provide a positive moisture seal by exerting circumferential force on cable and MOLE™ insulation. Pre-lubricating sleeve makes installation easier. REA listed. No trimming required.



TYPES RYA-UC, RYA-AC



TYPES RYA-UCR, RYA-ACR

Conductor		Catalog Number			EEI Die Index	Die Index	Tools, Die Set Catalog Number, & (Number of Crimps)		
		Heat Shrink		Force Fit					
Copper	Aluminum	Complete Set	Shrink Sleeve Only	Complete Set			MD6 Series	Y39, Y35, Y750 Series	OUR840
2 Sol. - 4 Str.	2 Sol. - 4 Str. 4 Str. Comp.	RYA4UC	RYAC25	RYA4UCR	8A	BG or 5/8 - 1 or 243	W-BG (1) BG3 or W243	U-BG (1) UK58-IT (3) U243 (1)	XBG (3) XNBG (2)
2 Str. - 1/0 Sol.	2 Str. - 1/0 Sol. 2-1 Str. Comp.	RYA2UC		RYA2UCR					
1/0 Str.	1/0 Str. - 2/0 Sol. 1/0 Str. Comp.	RYA25UC		RYA25UCR					
	2 Sol. EC-0	RYA2WAC		RYA2WACR		BG (5) —	BG (5) —	— UK58-IT (5)	XBG (5) XNBG (3)
	1/0 Sol. EC-0	RYA75AC		RYA75ACR					
2/0 Str.	2/0 Str. 2/0 Str. Comp.	RYA26UC	RYAC31	RYA26UCR	** 11	249 or 840	W249 (3) WK840 (5)	U249 (2)* UK840T (3)	X249 (6) X840 (5)
3/0 Str.	3/0 Str. 3/0 Str. Comp. 4/0 Sol. EC-0**	RYA27UC		RYA27UCR		249 or 840	W249 (4) WK840 (7)	U249 (2) UK840T (4)	X249 (8) X840 (7)
4/0 Str.	4/0 Str. 4/0 Str. - 250 Comp.	RYA28UC		RYA28UCR					
250 kcmil	250 250 Comp.	RYA29UC		RYA29UCR	13A	299 or 655 or 705		U31ART (2) U655 (3) U705 (2)	
—	300 - 350 300 - 350 Comp.	RYA31AC		RYA31ACR					

* Overlap Crimps.
** Do not use EEI Die. (11A) to install 4/0 Sol. EC-0.

NOTE: Standard mounting hardware is 3/8" button head socket cap screw with captive conical washer. For HEX HEAD bolt with captive conical washer add "HEX" suffix.

NOTE: Example: RYA4UCR-HEX. For HEX HEAD bolt and captive flat washer add suffix "HEX1". For HEX HEAD bolt and non-captive flat washer add suffix "HEX2". For HEX HEAD bolt and non-captive conical washer add suffix "HEX3". For Stainless Steel HEX HEAD bolt add "HEX355" suffix.

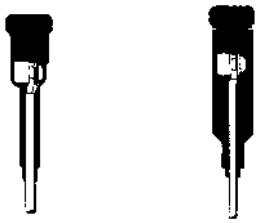
Blue highlighted items are industry standard and most frequently ordered.

TYPES RA6UC-SL, RA6UCR-SL

URD STREET LIGHTING TAP KIT

For Aluminum or Copper

URD tap kit for making street lighting taps from URD MOLE™ types RDM-28 and RDM-28T. Each kit accommodates 6 str. - 12 sol. Kits include connector, mounting hardware and insulating sleeve.



Cat. No. RA6UC-SL

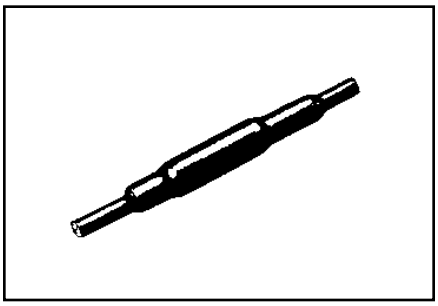
Cat. No. RA6URC-SL

Conductor	Catalog Number	
	Heat Shrink	Force Fit
6 Str. - 12 Sol.	**RA6UC-SL**	**RA6UCR-SL**

TYPE YS-CG

URD INSULATED SPLICE KIT

For All Aluminum
or Copper/Aluminum
Combinations



Type YS-CG URD insulated splice kit consists of a standard YSU or YSD LINKIT™ and a heat-shrink sleeve. Used to splice URD secondary lines up to 600 volts. It is installed with common installation tools. Heat-shrink sleeve is installed with standard propane torch, or 500° F electric heat gun. Acetylene is not recommended.

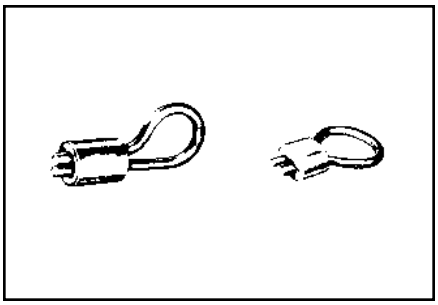
Conductor			Catalog Number		Die Index	Tools, Die Set Catalog No., & (No. of Crimps)		
Both Sides			Complete Splice Kit	Heat Shrink Sleeve		MD6 Series	Y34A	Y35 Series
Aluminum	ACSR	Copper*						
1-2 Str.	2 (6-1, 7-1)	1-2 Str.	**YS2UCGI**	**RYAC25**	BG 243	BG (3) W-BG (1)** W243 (2)	— A243 (1)	U-BG (1)** U243 (1)
1/0 Str. 1/0 Comp.	1/0 (6-1)	1/0 Str.	**YS25UCGI**					
2/0 Str. 2/0 Comp.	2/0 (6-1)	2/0 Str.	**YS26UCGI**	**RYAC31-1**	249/840	W249 (4) W-K840 (7)	A249 (2) —	U249 (2) U-K840T (4)
3/0 Str. 3/0 Comp.	3/0 (6-1)	3/0 Str.	**YS27UCGI**					
4/0 Str. 4/0 Comp.	4/0 (6-1)	4/0 Str.	**YS28UCGI**					
350 350 Comp.	—	350	**YS31ACGI**	**RYAC31**	299/705	—	—	U299 (2) U705 (1)

* Use to join copper to aluminum or ACSR not copper to copper.
** Multiple crimp die set makes more than one crimp per compression.

TYPES J1592, J1207

Y-LOK

For Locking Enclosures



Assembly consists of aluminum-clad steel wire loop and a compression type aluminum connector. Installed with BG groove of MD6 or OUR840 Compression Tools. Can also be installed with 5/8 or 5/8-1 grooves.

J1592
J1207

Compression Y-LOK installed with BG or 5/8 groove

Catalog Number	Installation Tooling		L	C	D
	D1D6, OUR840	Y35, Y750, Y46			
J1207	WBG	UBG	2.28	.75	1.00
J1592	XBG		2.31	.75	.75

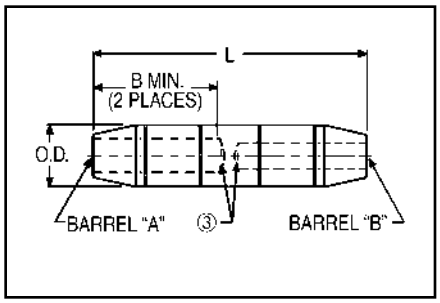
TYPE YRB-U

HYREDUCER™ SPLICE

For Aluminum-to-Aluminum and Aluminum-to-Copper

Type YRB-U splice is designed for use within underground systems. Aluminum splices are tin-plated and recommended for use on Aluminum-to-Aluminum and Aluminum-to-Copper cables. All splices have solid center stop for use with oil filled and non-oil filled cables. The Outside Diameter is held constant to minimize installation dies and connectors are prefilled with PENETROX™. Rated up to 35 kV.





Catalog Number	Conductor Range		Dimensions			Wire Strip Length		Die Number	Color Code
	Barrel "A" Copper & Aluminum	Barrel "B" Copper & Aluminum	B Min.	L	O.D.	Barrel "A"	Barrel "B"		
YRB2U3TTN	#2 (.292 Dia.) 7 Str.	#3 (.260 Dia.) 7 Str.	1.35 [34]	3.25 [83]	.65 [17]	1-3/4″	1-3/4″	296	Tan
YRB1CU2TTN	#1 (.332 Dia.) 19 Str. or 1/0 Compact (.336 Dia.) 19 Str.	#2 (.292 Dia.) 7 Str.							
YRB1CU1TTN	#1 (.332 Dia.) 19 Str. or 1/0 Compact (.336 Dia.) 19 Str.	#1 (.332 Dia.) 19 Str. or 1/0 Compact (.336 Dia.) 19 Str.							
YRB25U3TTN	1/0 (.373 Dia.) 19 Str. or 1/0 Compact (.336 Dia.) 19 Str.	#3 (.260 Dia.) 7 Str.							
YRB25U2TTN	1/0 (.373 Dia.) 19 Str. or 1/0 Compact (.336 Dia.) 19 Str.	#2 (.292 Dia.) 7 Str.							
YRB25U25TTN	1/0 (.373 Dia.) 19 Str. or 1/0 Compact (.336 Dia.) 19 Str.	1/0 (.373 Dia.) 19 Str. or 1/0 Compact (.336 Dia.) 19 Str.							
YRB27U25TW	3/0 (.470 Dia.) 19 Str. or 3/0 Compact (.423 Dia.) 19 Str.	1/0 (.373 Dia.) 19 Str. or 1/0 Compact (.336 Dia.) 19 Str.	1.53 [39]	3.69 [94]	.85 [22]	1-1/2″	1-1/2″	298	White
YRB28U3TW	4/0 (.528 Dia.) 19 Str. or 4/0 Compact (.475 Dia.) 19 Str.	#3 (.260 Dia.) 7 Str.							
YRB28U1TW	4/0 (.528 Dia.) 19 Str. or 4/0 Compact (.475 Dia.) 19 Str.	#1 (.332 Dia.) 19 Str. or 1/0 Compact (.299 Dia.) 7 Str.							
YRB28U25TW	4/0 (.528 Dia.) 19 Str. or 4/0 Compact (.475 Dia.) 19 Str.	1/0 (.373 Dia.) 19 Str. or 1/0 Compact (.336 Dia.) 19 Str.	1.53 [39]	3.70 [94]					
YRB28U26TW	4/0 (.528 Dia.) 19 Str. or 4/0 Compact (.475 Dia.) 19 Str.	2/0 (.419 Dia.) 19 Str. or 2/0 Compact (.376 Dia.) 19 Str.	1.53 [39]	3.69 [94]					
YRB28U28TW	4/0 (.528 Dia.) 19 Str. or 4/0 Compact (.475 Dia.) 19 Str.	4/0 (.528 Dia.) 19 Str. or 4/0 Compact (.475 Dia.) 19 Str.							
YRB31U25TW	350 kcmil (.681 Dia.) 37 Str. or 350 kcmil Compact (.616 Dia.) 19 Str. Al; 37 Str. Al & Cu	1/0 (.373 Dia.) 19 Str. or 1/0 Compact (.336 Dia.) 19 Str.	2.34 [59]	5.43 [138]	1.11 [28]	2-1/4″	2-1/4″	299	Brown
YRB31U28TW	350 kcmil (.681 Dia.) 37 Str. or 350 kcmil (.616 Dia.) 19 Str. Al; 37 Str. Al & Cu	4/0 (.528 Dia.) 19 Str. or 250 kcmil Compact (.520 Dia.) 37 Str.							
YRB31U31TW	350 kcmil (.681 Dia.) 37 Str. or 350 kcmil Compact (.616 Dia.) 19 Str. Al; 37 Str. Al & Cu	350 kcmil (.681 Dia.) 37 Str. or 350 kcmil Compact (.616 Dia.) 19 Str. Al; 37 Str. Al & Cu							

1 Material: Aluminum.
2 Finish: Electro-tin plated.
③ Barrels are partially filled with PENETROX™ and sealed.
4 Scratch brushing of all conductors before making installation is recommended.
5 Not for use with Copper-to-Copper applications.
6 Dimensions in brackets [ ] are in millimeters rounded off to the nearest millimeter, unless otherwise noted and are for reference only.
⑦ Catalog number PT6515 Adaptor is required to use "U" dies in Y45 series tools.
⑧ Catalog number PUADP-1 Adaptor is required to use "U" dies in Y46 series tools.
9 On MY29-3 HYTOOL™ use alum. Index plate settings as follows, for 1/0 conductor use 1/0 setting. For conductor smaller than 1/0 size use 2/0 setting.

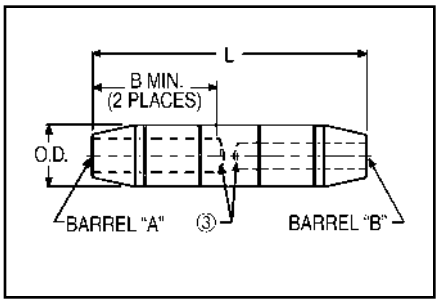
Blue highlighted items are industry standard and most frequently ordered.

TYPE YRB-U

HYREDUCER™ SPLICE
(Continued)

For Aluminum-to-Aluminum and Aluminum-to-Copper





Catalog Number	Conductor Range		Dimensions			Wire Strip Length		Die Number	Color Code
	Barrel "A" Copper & Aluminum	Barrel "B" Copper & Aluminum	B Min.	L	O.D.	Barrel "A"	Barrel "B"		
YRB34U25TW	500 kcmil (.813 Dia.) 37 Str. or 500 kcmil Compact (.736 Dia.) 19 Str. Al; 37 Str. Al & Cu	1/0 (.373 Dia.) 19 Str.	2.70 [69]	6.00 [152]	1.31 [33]	1-1/8″	1-1/8″	300	Pink
YRB34U28TW	500 kcmil (.813 Dia.) 37 Str. or 500 kcmil Compact (.736 Dia.) 19 Str. Al; 37 Str. Al & Cu	4/0 (.528 Dia.) 19 Str. or 4/0 Compact (.475 Dia.) 19 Str.							
YRB34U29TW	500 kcmil (.813 Dia.) 37 Str. or 500 kcmil Compact (.736 Dia.) 19 Str. Al; 37 Str. Al & Cu	250 kcmil (.575 Dia.) 37 Str.							
YRB34U30TW	500 kcmil (.813 Dia.) 37 Str. or 500 kcmil Compact (.736 Dia.) 19 Str. Al; 37 Str. Al & Cu	300 kcmil (.630 Dia.) 37 Str.							
YRB34U31TW	500 kcmil (.813 Dia.) 37 Str. or 500 kcmil Compact (.736 Dia.) 19 Str. Al; 37 Str. Al & Cu	350 kcmil (.681 Dia.) 37 Str. 350 kcmil Compact (.616 Dia.) 19 Str. Al; 37 Str. Al & Cu							
YRB34U34TW	500 kcmil (.813 Dia.) 37 Str. or 500 kcmil Compact (.736 Dia.) 19 Str. Al; 37 Str. Al & Cu	500 kcmil (.813 Dia.) 37 Str. or 500 kcmil Compact (.736 Dia.) 19 Str. Al; 37 Str. Al & Cu							
YRB39U31TW	750 kcmil (.998 Dia.) 61 Str. or 750 kcmil Compact (.908 Dia.) 61 Str.	350 kcmil (.681 Dia.) 37 Str. or 350 kcmil Compact (.616 Dia.) 19 Str. Al; 37 Str. Al & Cu	2.87 [73]	6.74 [171]	1.46 [37]	3″	3-11/16″	936	Yellow
YRB39U34TW	750 kcmil (.998 Dia.) 61 Str. or 750 kcmil Compact (.908 Dia.) 61 Str.	500 kcmil (.813 Dia.) 37 Str. or 500 kcmil Compact (.736 Dia.) 19 Str. Al; 37 Str. Al & Cu							
YRB39U39TW	750 kcmil (.998 Dia.) 61 Str. or 750 kcmil Compact (.908 Dia.) 61 Str.	750 kcmil (.998 Dia.) 61 Str. or 750 kcmil Compact (.908 Dia.) 61 Str.							
YRB44U31TW	1000 kcmil (1.152 Dia.) 61 Str.	350 kcmil (.681 Dia.) 37 Str. or 350 kcmil Compact (.616 Dia.) 19 Str. Al; 37 Str. Al & Cu							
YRB44U34TW	1000 kcmil (1.152 Dia.) 61 Str.	500 kcmil (.813 Dia.) 37 Str. or 500 kcmil Compact (.736 Dia.) 19 Str. Al; 37 Str. Al & Cu							
YRB44U39TW	1000 kcmil (1.152 Dia.) 61 Str.	750 kcmil (.998 Dia.) 61 Str. or 750 kcmil Compact (.908 Dia.) 61 Str.							
YRB44U44TW	1000 kcmil (1.152 Dia.) 61 Str.	1000 kcmil (1.152 Dia.) 61 Str.							

1 Material: Aluminum.
2 Finish: Electro-tin plated.
③ Barrels are partially filled with PENETROX™ and sealed.
4 Scratch brushing of all conductors before making installation is recommended.
5 Not for use with Copper-to-Copper applications.
6 Dimensions in brackets [ ] are in millimeters rounded off to the nearest millimeter, unless otherwise noted and are for reference only.
⑦ Catalog number PT6515 Adaptor is required to use "U" dies in Y45 series tools.
⑧ Catalog number PUADP-1 Adaptor is required to use "U" dies in Y46 series tools.
9 On MY29-3 HYTOOL™ use alum. Index plate settings as follows, for 1/0 conductor use 1/0 setting. For conductor smaller than 1/0 size use 2/0 setting.

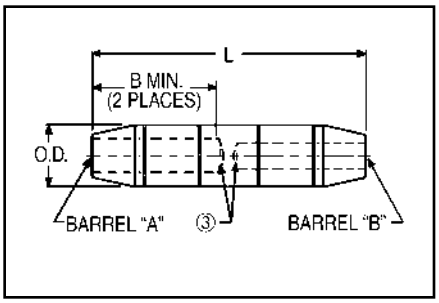
Blue highlighted items are industry standard and most frequently ordered.

TYPE YRB-U

HYREDUCER™ SPLICE
(Continued)

For Aluminum-to-Aluminum and Aluminum-to-Copper





Installation (Number of Crimps per End)									
		Mechanical Ratchet		Hydraulic					⑤ Dieless (# of Crimps)
Color Code	Die Index	OUR840	MD6, MD7	Y35, Y39, Y750 BAT35, BAT750, PAT750	⑧ Y46	⑦ Y45	Y48B	Y60BHU	Mechanical: MY29-3 (1), MY29-11 (1) Hydraulic: Y644M (1), PAT644-18V (1)
Tan	296	—	—	U25ART (1)	U25ART (1)	U25ART (1)	C25AR (1)	—	MY29-3 (1) MY29-11 (1) Y644M (1) PAT644-18V (1)
White	298	—	—	U28ART (2)	U28ART (2)	U28ART (2)	C28AR (2)	—	
Brown	299	—	—	U31ART Overlap Crimp	U31ART Overlap Crimp	U31ART Overlap Crimp	C31AR (1)	L31ART (1)	Y644M (1) PAT644-18V (1)
Pink	300	—	—	U34ART Overlap Crimp	U34ART Overlap Crimp	U34ART Overlap Crimp	C34AR (1)	L34ART	
Yellow	936	—	—	U39ART-2 (4)	U39ART-2 (4)	U39ART-2 (4)	C39AR (2)	L39ART (2)	—

1 Material: Aluminum.
2 Finish: Electro-tin plated.
③ Barrels are partially filled with PENETROX™ and sealed.
4 Scratch brushing of all conductors before making installation is recommended.
5 Not for use with Copper-to-Copper applications.
6 Dimensions in brackets [ ] are in millimeters rounded off to the nearest millimeter, unless otherwise noted and are for reference only.
⑦ Catalog number PT6515 Adaptor is required to use "U" dies in Y45 series tools.
⑧ Catalog number PUADP-1 Adaptor is required to use "U" dies in Y46 series tools.
9 On MY29-3 HYTOOL™ use alum. Index plate settings as follows
for 1/0 conductor use 1/0 setting. For conductor smaller than 1/0 size use 2/0 setting.

Blue highlighted items are industry standard and most frequently ordered.

TYPE YRB-T

HYREDUCER™ SPLICE

For Copper-to-Copper

Type YRB-T splice is designed for use within underground systems. Copper splices are tapered and recommended for use on copper-to-copper cables.

All splices have solid center stops for use with oil filled and non-oil filled cables.

The Outside Diameter is held constant to minimize installation dies. Rated up to 35 kV.



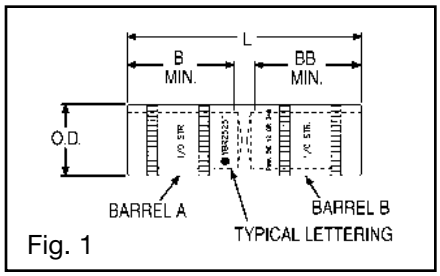


Fig. 1

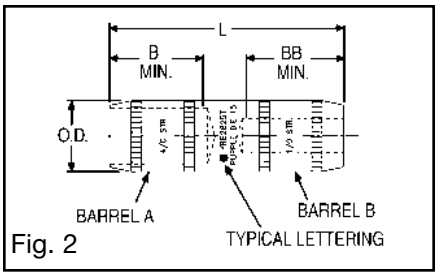


Fig. 2

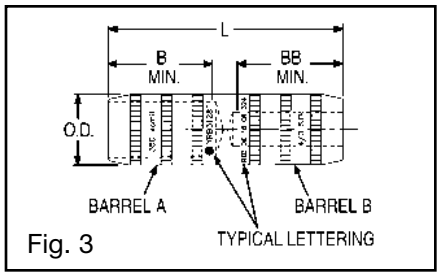


Fig. 3

Catalog ② Number ⑦	Figure No.	Conductor Size		Dimensions			
		Barrel "A"	Barrel "B"	B Min.	BB Min.	L	O.D.
YRB2825T	2	4/0 (.528)	1/0 (.372)	1.16 [29]	1.16 [29]	2.84 [73]	.69 [18]
YRB3428T	3	500 kcmil (.813)	4/0 (.528)	1.73 [44]	1.73 [44]	4.50 [114]	1.06 [27]

1 Material: Copper.
② For Tin-Plating, add suffix "TN" to the Catalog Number (example: YRB2825TN). For Hot Tin dipped add suffix "W" to the catalog number (example: YRB2825TW).
③ Catalog Number PT6515 Adaptor is required to use "U" dies in Y45 series tools.
④ Catalog Number PUADP-1 is required to use "U" dies in Y46 series tools.
5 Dimensions in brackets [ ] are in millimeters rounded off to the nearest millimeter, unless otherwise specified, and are for reference only.
⑥ For use by customers that have this HYPRESS™. No new Y34 HYPRESS™ tools are being processed.
⑦ Suffix "TN" and "W" will not be stamped on part.

TYPE YRB-T

HYREDUCER™ SPLICE
(Continued)

For Copper-to-Copper



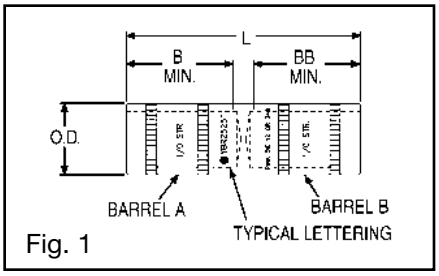


Fig. 1

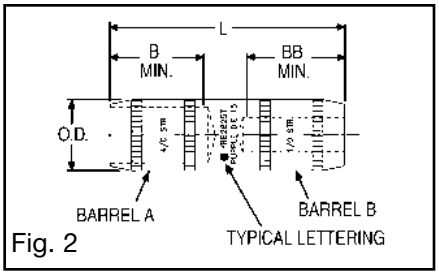


Fig. 2

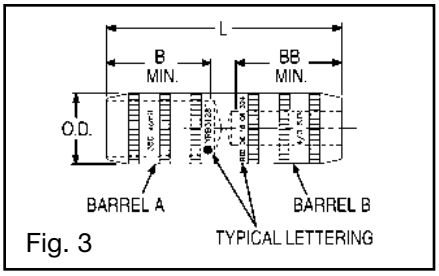


Fig. 3

Catalog ② Number ⑦	Color Code	Installation Tooling (Number of Crimps)												Dieless (# of Crimps)	Wire Strip Length
		Die Information		Mechanical				Hydraulic							
		Die Index	Type	OUR840	MD7 MD7-34R	MD6	Y34A ⑥	Y35, Y39, Y750, BAT35, BAT750, PAT750	BCT500, Y500CT	Y46 ④	Y45 ③	Y48B	Y60BHU		
YRB2825T	Purple	Die 15	Purple Die Set	X28VT (4) X28RT (4)	X28VT (4)	X28RT (4)	—	U28RT (1)	—	U28RT (1)		C28R (1)	L29ART (1)	Hydraulic: Y644M (1)	1-7/32″
YRB3428T	Brown	Die 20 or 299	Brown Die Set	—	—	—	—	U34RT (2) U31ART (2)	W34VT (2) W34RT (2)	U34RT (2) U31ART (2)	U34RT (2) U31ART (2)	C34R (1) C31AR (1)	L34RT (1)	BAT644M (1) PAT644M (1)	1-13/16″

1 Material: Copper.
② For Tin-Plating, add suffix "TN" to the Catalog Number (example: YRB2825TN). For Hot Tin dipped add suffix "W" to the catalog number (example: YRB2825TW).
③ Catalog Number PT6515 Adaptor is required to use "U" dies in Y45 series tools.
④ Catalog Number PUADP-1 is required to use "U" dies in Y46 series tools.
5 Dimensions in brackets [ ] are in millimeters rounded off to the nearest millimeter, unless otherwise specified, and are for reference only.
⑥ For use by customers that have this HYPRESS™. No new Y34 HYPRESS™ tools are being processed.
⑦ Suffix "TN" and "W" will not be stamped on part.

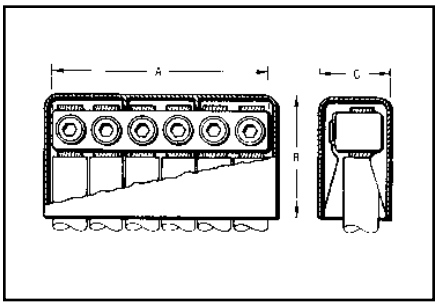
Blue highlighted items are industry standard and most frequently ordered.

TYPE K-P-C

URD

URD Service Tap for Copper Conductors

These compact, wide-range-taking, multiple outlet connectors are made of high conductivity copper alloy. Spherical point Allen set screws provide even clamping forces on conductors up to 4/0 Str. Each connector is supplied with an insulating cover. The mechanical clamping elements allow individual cables to be disconnected without disturbing adjacent connections.



Conductor	Catalog Number			Number of Outlets	A	B	C
	Complete Assembly	Connector Only	Cover Only				
6 Str. - 4/0 Str.	**K6P28C**	**K6P28**	**K-PC28**	6	5-1/8	2-3/4	1-5/8

COMPRESSION SERVICE TAPS AND TRANSFORMER TERMINALS

K-76

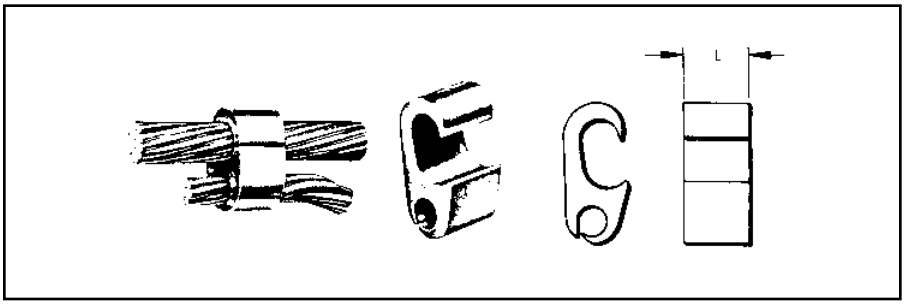
Where compression-type service taps are required, the wide-range-taking, figure "6" shaped, tap connectors are recommended. They can be gripped in a HYPRESS™ and slipped over the secondary main for easy installation. For above-grade installation, commercially available insulating tubes are often used to cover a series of these taps on each main cable stub. Separation of run and tap cables simplifies taping.

TYPE YPC-C

TIN-PLATED COPPER CRIMPIT™

For Copper Conductors

Made of tin-plated pure copper this connector is recommended for copper service taps in above-grade enclosures or for direct burial. The streamlined design facilitates taping. The plating eliminates reaction with insulators.



Conductor		Catalog Number	L	Die Index	Installation Tooling	
					Y35, Y750, Y46 HYPRESS™	
Run	Tap				Die Cat. No.	(No. of Crimps)
2/0 Str. - 250	4 Str. - 2/0 Str	**YPC29C26**	1.00	D3	U-D3	(1)

* Y35 HYPRESS™ U-Dies with adapter PUADP-1 can also be used with Y46. Same number of crimps as Y35.

Blue highlighted items are industry standard and most frequently ordered.

TYPES K6B, K33B

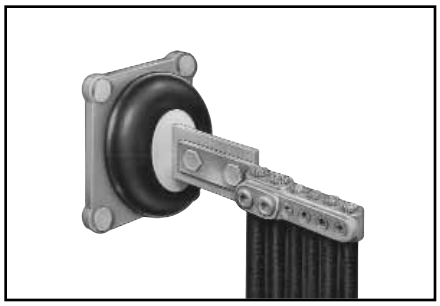
URD TRANSFORMER TERMINALS

For Copper Conductors

These terminals are companion connectors of the various types of DOME-TAP, and possess the same advantages of wide conductor range and compactness. These features simplify cable terminations in the secondary compartments of pad-mounted transformers. The design also permits individual cables to be disconnected without disturbing adjacent joints.

Made of a high conductivity copper alloy, these compact range-taking connectors provide for connecting up to six copper cables at the transformer terminals. The outlets are equipped with spherical point, tin-plated brass socket set-screws to provide even clamping forces on the conductors throughout the cable range.

Where cable sizes exceed 4/0 Str., a pressure bar is added to assure optimum performance.



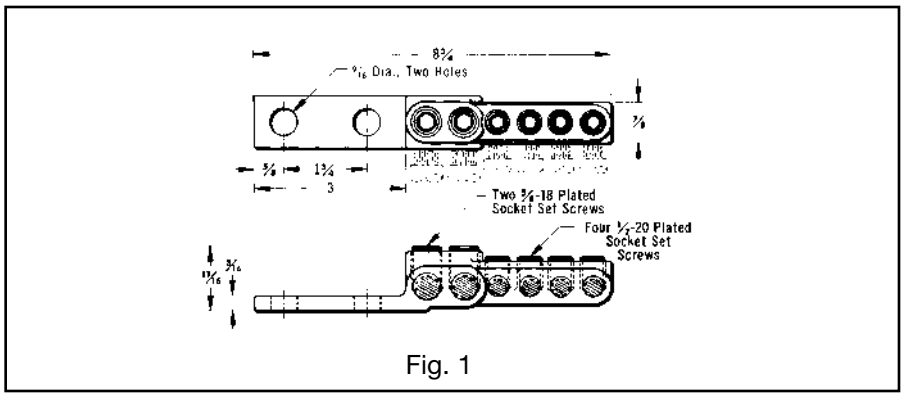


Fig. 1

K-77

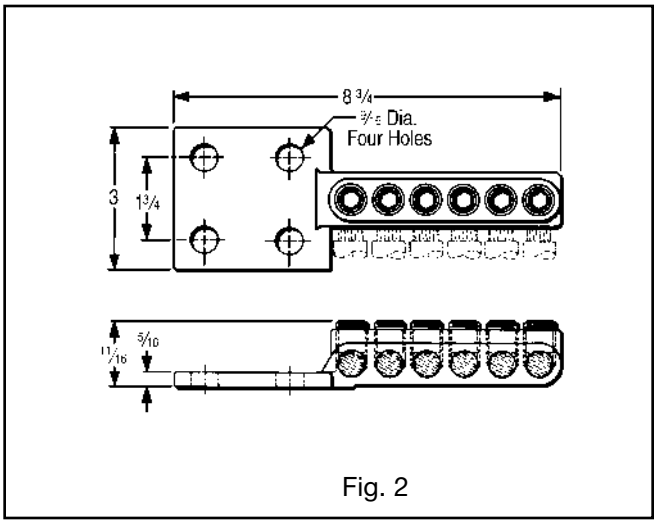


Fig. 2

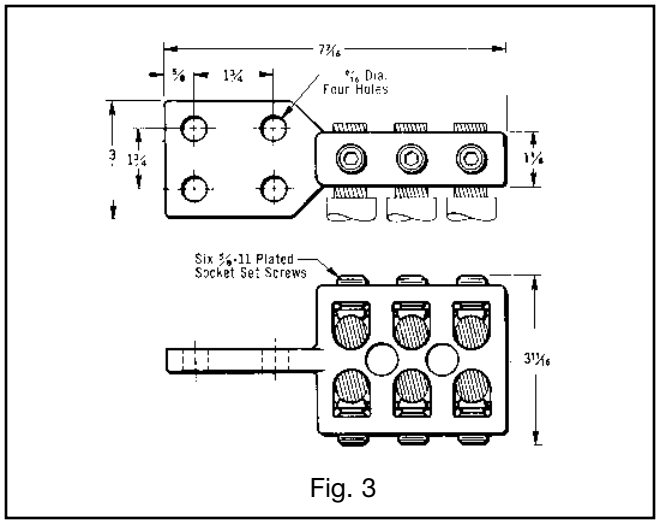


Fig. 3

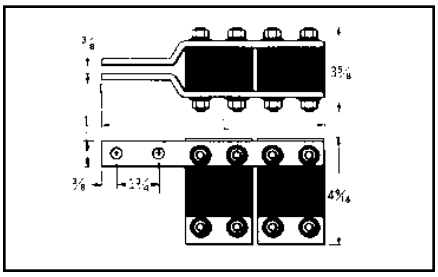
Conductor	Catalog Number	Fig. No.	NEMA Tongue
Two Outlets: #6 - 4/0 Four Outlets: 6 Str. - 2/0	**K6B2826-2N**	1	2-Hole
Six Outlets: 6 Str. - 4/0 Str.	**K6B28-4N**	2	4-Hole
Six Outlets: 4/0 Str. - 500	**K33B34-4N**	3	4-Hole

Blue highlighted items are industry standard and most frequently ordered.

TYPE F-A

URD FUSED TRANSFORMER TERMINALS

These Transformer Tap assembles bolt directly to the secondary terminal pad. They provide for up to eight cables to be fused directly at the secondary terminals. This may be all service taps or combinations of secondary mains and service taps.



Catalog Number	Number of Fuses	L Inches
F22A28	4	6-1/2

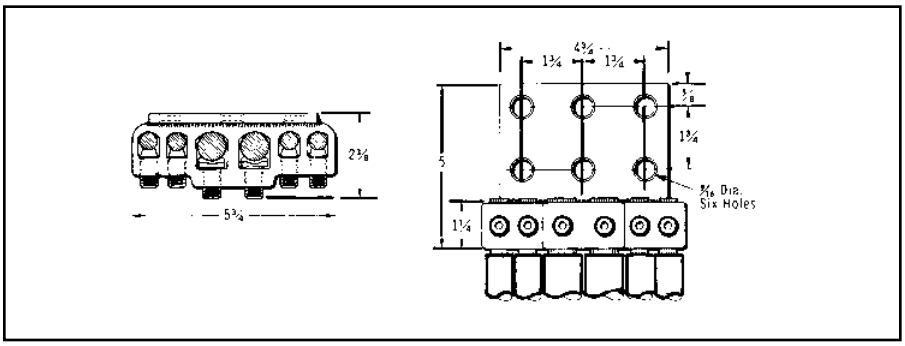
Type LF Limiter and HYLUG™ (copper or aluminum)
Compression terminals must be ordered separately.

TYPE K6A34U

TRANSFORMER TERMINALS

For Aluminum and Copper Conductors

Made of aluminum alloy, the massive design minimizes conductor corrosion due to galvanic action. Each outlet is pre-filled with PENETROX™ joint compound and sealed. Plated aluminum socket head pressure screws and aluminum pressure bars prevent conductor damage. Six hole pad allows for adjustable positioning on four hole NEMA spades.



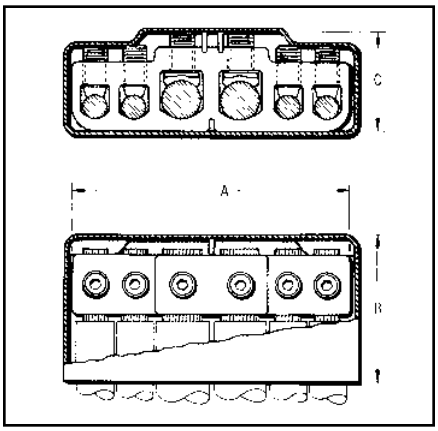
Conductor	Catalog Number	Number of Outlets
Two Outlets 2 Str. - 500 Four Outlets 6 Str. - 4/0 Str.	**K6A34U-6N**	6

TYPE K-P-UC

UNIVERSAL URD SERVICE TAP

For Aluminum or Copper

Made of aluminum alloy, the massive design minimizes conductor corrosion due to galvanic action. Each outlet is pre-filled with PENETROX™ joint compound and sealed. Plated aluminum socket head pressure screws and aluminum pressure bars prevent conductor damage. Each connector is supplied with an insulating cover.



Conductor	Catalog Number			Number of Outlets	A	B	C
	Complete Assembly	Connector Only	Cover Only				
Two Outlets 2 Str. - 500 Four Outlets 6 Str. - 4/0 Str.	**K6P34UC**	**K6P34U**	**K6PC34U**	6	5-3/4	3-1/8	2-1/8

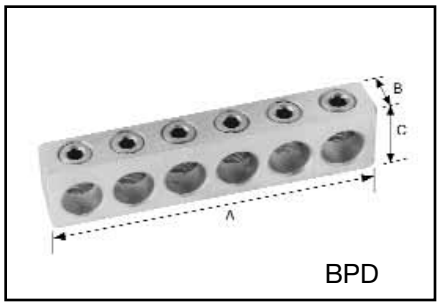
Blue highlighted items are industry standard and most frequently ordered.

TYPES BPD & BPD2

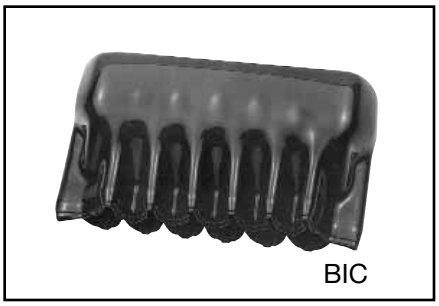
POWER DISTRIBUTION BLOCKS

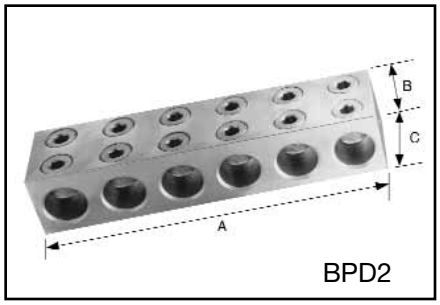
Dual rated ground pedestal lugs. Rated for 600 volt. Constructed from high strength aluminum alloy 6061-T6. Connectors are all plated to provide low contact resistance.

Plastisol covers dielectric strength rating of 120 volts per mil. Nominal thickness is 156 mils. Covers purchased separately.



BPD


BIC



BPD2


BIC2

Catalog Number	Wire Range Aluminum or Copper	Number of Conductors	Dimensions			Insulating Cover
			A	B	C	
BPD-4-350	#6 - 350	4	3.88	1.38	1.00	**BIC-4-350**
BPD-6-350	#6 - 350	6	5.69	1.38	1.00	**BIC-6-350**
BPD-8-350	#6 - 350	8	7.50	1.38	1.00	**BIC-8-350**
BPD-4-500	#2 - 500	4	4.75	1.63	1.00	**BIC-4-500**
BPD-6-500	#2 - 500	6	7.00	1.63	1.00	**BIC-6-500**
BPD-8-500	#2 - 500	8	9.25	1.63	1.00	**BIC-8-500**
BPD2-4-750	#2 - 750	4	6.56	2.00	2.50	**BIC2-4-750**
BPD2-6-750	#2 - 750	6	9.88	2.00	2.50	**BIC2-6-750**
BPD2-8-750	#2 - 750	8	13.81	2.00	2.50	**BIC2-8-750**

Blue highlighted items are industry standard and most frequently ordered.

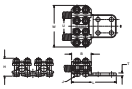
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Blue highlighted items are industry standard and most frequently ordered.

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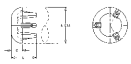

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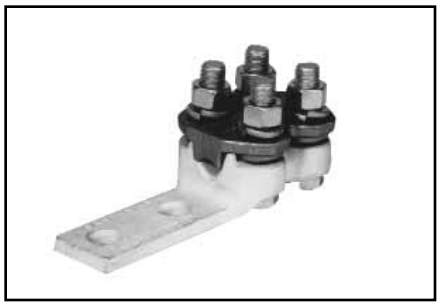
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COPPER SUBSTATION CONNECTORS

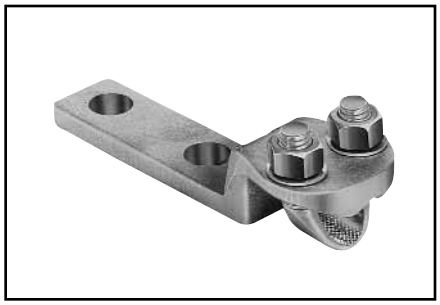
INTRODUCTION

BURNDY® electrical connectors are designed to be installed with a minimum of effort, to run cooler than the conductors being joined and to provide optimum performance under all operating conditions.

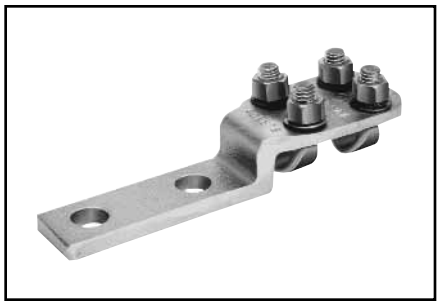
To achieve this type of performance, extensive research and development time is spent by BURNDY® engineers and scientists to improve manufacturing techniques, materials and designs. As these improvements become available, they are incorporated into both existing and new product lines. This continuous program of product innovation and improvement insures that, as new and more critical applications evolve, high quality connectors from BURNDY® will be available to meet the need.



N-Line connectors are two-piece copper alloy castings assembled with DURIUM™ (silicon bronze) hex bolts, nuts and washers. They are available for connecting tube or cable.



The Variline incorporates a modified V-bolt as the clamping element for heavy-duty applications. This line is particularly suited for use with flexible and extra flexible cables.





Flat pad connectors used to join cable or tubing terminals to equipment studs.

A variety of bus supports are also available for tube or cable. Some can be adjusted for either a rigid or slide-fit by rotating the clamping cap 180°.

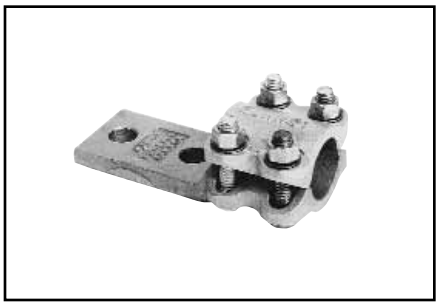
Expansion connectors are used to absorb the stress imposed on the bus by settling ground, thermal expansion and shocks, as in circuit breaker operations. The flexible elements are flat-tinned, copper braid, with sufficient cross sectional area to carry the rated current of the conductors being joined.

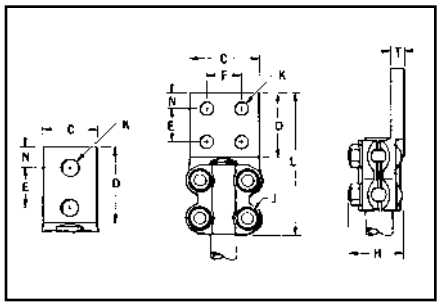
TYPE NA

TERMINAL

For Copper Tube to Flat

High copper alloy terminal for joining copper tube to a flat pad. Letter "N" on end of catalog number indicates pad drilled to NEMA standards. One-wrench installation.





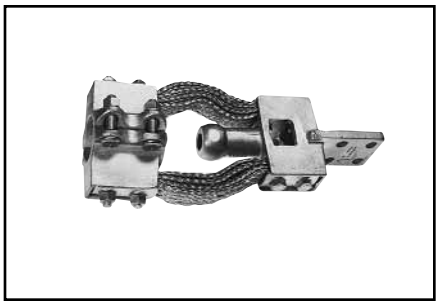
Catalog Number	Conductor	No. of Holes in Pad	C	D	E & F	H	J	K	L	N	T
NA13-2N	1/2	2	1-1/2	3	1-3/4	1-3/4	3/8	9/16	5-1/4	5/8	3/8
NA14-2N	3/4	2	1-5/8			2	3/8				3/8
NA15-2N	1	2	1-7/8			2-1/8	3/8				3/8
NA15-4N	1	4	3			2-1/8	3/8				3/8
NA16-2N	1-1/4	2	2-1/4			2-5/8	1/2		6		1/2
NA16-4N	1-1/4	4	3			2-5/8	1/2				1/2
NA17-2N	1-1/2	2	2-1/2			2-3/4	1/2				1/2
NA17-4N	1-1/2	4	3			2-3/4	1/2				1/2
NA18-4N	2	4	3-1/8			3-1/	1/2				1/2
NA19-4N	2-1/2	4	3-1/4			3-3/4	1/2				3/4
NA21-4N	3-1/2	4	4-3/8			5	5/8		6-5/8		7/8
NA22-4N	4	4	5-1/4			5-1/2	5/8				7/8

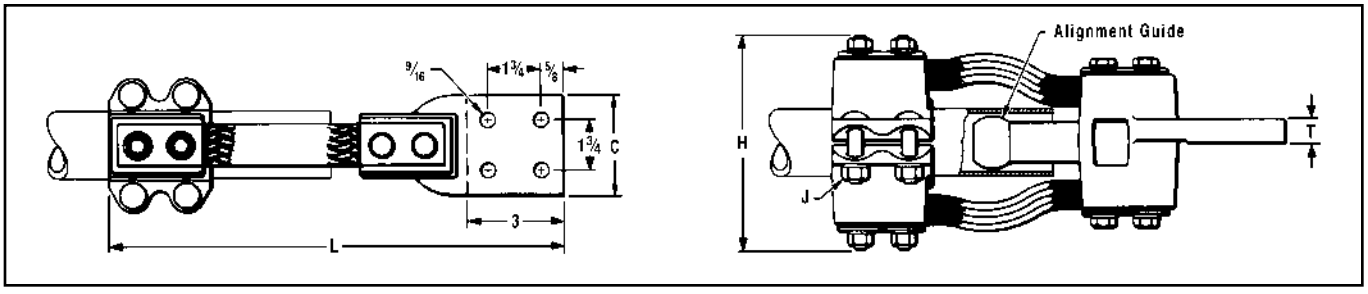
TYPE XA

EXPANSION TERMINAL

For Copper Tube to Flat

High copper alloy expansion terminal for tube to flat. Provides for longitudinal movement of tubing. Extra flexible braid carries full load of joint. One-wrench installation.





Catalog Number Standard I.P.S. With Guide	Conductor	Number of Holes in Pad*	C	H	J	L	T
XA18-4N	2	4	3	7	1/2	15-1/4	1/2
XA19-4N	2-1/2		3-3/4	7-1/2		16-1/8	5/8
XA20-4N	3		4-3/8	8	5/8	16-3/4	3/4
XA21-4N	3-1/2		4-3/4	8-1/4		17	7/8
XA22-4N	4		5-1/4	9-1/2		17	7/8

* Conforms to NEMA Standards

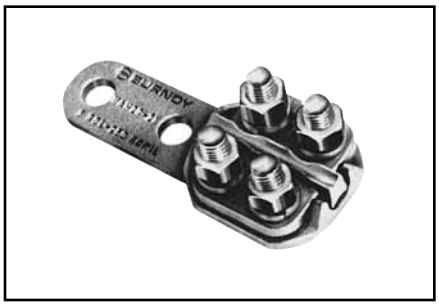
Blue highlighted items are industry standard and most frequently ordered.

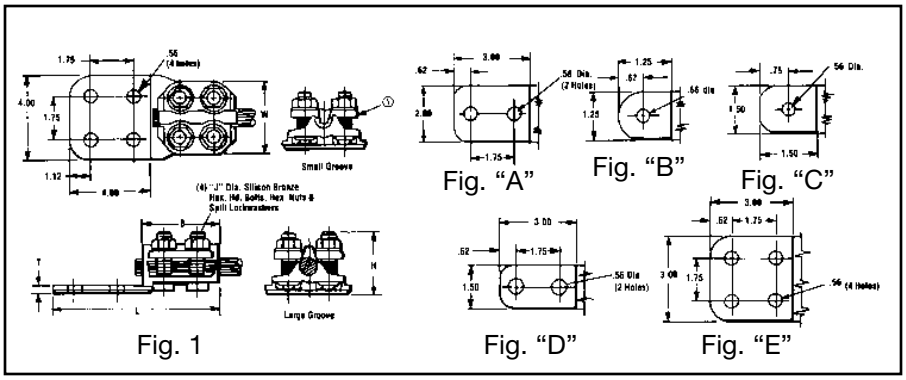
TYPES NAS, NAH

TERMINAL

For Copper Cable

High copper alloy reversible cap terminal for joining a wide range of cable to equipment pads. Tongue is side formed to provide adequate clearance and terminal is designed for one-wrench installation.





Catalog Number	Fig. No.	Copper Cable Range: Complete Cable Range	Copper Cable Range: Small Groove	Copper Cable Range: Large Groove	B	H	J Dia.	L	T	W
NAS29-N	1B	6 Sol. (.162 Dia.) to 250 kcmil (.575 Dia.)	6 Sol. (.162 Dia.) to 1/0 Str. (.373 Dia.)	2/0 Str. (.419 Dia.) to 250 kcmil (.575 Dia.)	2.38	1.80	3/8″-16	3.58	.25	2.00
NAS29-2N	1D							5.62		
NAH29-2N	1D				2.62	2.12	1/2″-13	5.88		2.44
NAS29-34N	1E				2.38	1.80	3/8″-16	5.62		2.00
NAS34-N	1C	1/0 Sol. (.325 Dia.) to 500 kcmil (.813 Dia.)	1/0 Sol. (.325 Dia.) to 4/0 Str. (.529 Dia.)	250 kcmil (.575 Dia.) to 500 kcmil (.813 Dia.)		2.05		4.12		2.20
NAS34-2N	1A							5.62	.31	
NAH34-2N	1A				2.62	2.38	1/2″-13	5.88		2.56
NAS34-34N	1E				2.38	2.05	3/8″-16	5.62	.25	2.20
NAH34-34N	1E				2.62	2.30	1/2″-13	5.88		2.56
NAS40-2N	1A	2/0 Sol. (.365 Dia.) to 800 kcmil (1.031 Dia.)	2/0 Sol. (.365 Dia.) to 500 kcmil (.813 Dia.)	500 kcmil (.813 Dia.) to 800 kcmil (1.031 Dia.)		2.30	3/8″-16			
NAH40-2N	1A					2.62	1/2″-13		.38	2.44
NAS40-34N	1E					2.30	3/8″-16			2.81
NAH40-34N	1E					2.62	1/2″-13		.31	2.44
NAH40-44N	1					2.62	1/2″-13	6.88		2.44
NAH44-2N	1A	4/0 Str. (.528 Dia.) to 1000 kcmil (1.152 Dia.)	4/0 Str. (.528 Dia.) to 750 kcmil (.998 Dia.)	750 kcmil (.998 Dia.) to 1000 kcmil (1.152 Dia.)	2.88					2.81
NAH44-34N	1E									
NAH44-44N	1							6.12	.44	2.88
NAH46-2N	1A	1000 kcmil (1.152 Dia.) to 1500 kcmil (1.412 Dia.)	—	1000 kcmil (1.152 Dia.) to 1500 kcmil (1.412 Dia.)	3.06	2.88	1/2″-13		.38	
NAH46-34N	1E							7.12	.31	
NAH46-44N	1							6.31	.50	3.19
NAH48-2N	1A	500 kcmil (.813 Dia.) to 2000 kcmil (1.632 Dia.)	500 kcmil (.813 Dia.) to 1500 kcmil (1.412 Dia.)	1500 kcmil (1.412 Dia.) to 2000 kcmil (1.632 Dia.)	3.25	3.12		7.31	.38	3.38
NAH48-34N	1E							6.50	.69	
NAH48-44N	1							7.50	.50	
									.44	

L-5

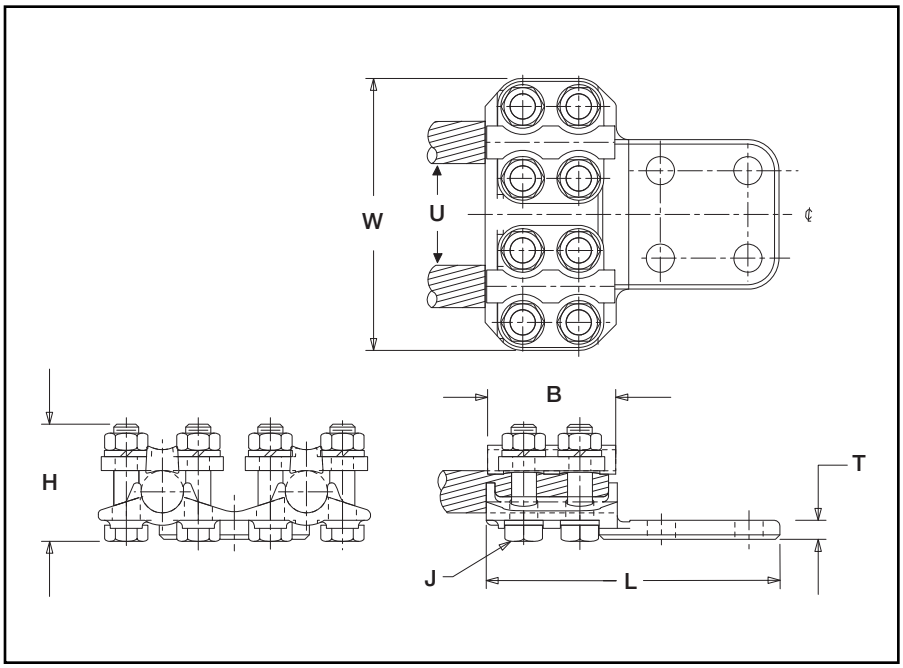
Blue highlighted items are industry standard and most frequently ordered.

TYPE N2AH

TERMINAL

For Two Copper Cables to Flat

High copper alloy, reversible cap terminal for joining a wide range of two copper cables to equipment pads. Tongue is side formed to provide adequate clearance and terminal is designed for one-wrench installation.



Catalog Number	Fig. No.	Copper Cable Range			Dimensions Inches/[mm]						
		Complete Cable Range	Small Groove	Large Groove	B	H	U	J Dia.	L	T	W
N2AH34-34N	1	1/0 Str. (.325) to 500 kcmil (.813)	1/0 Sol. (.325) to 4/0 Str. (.529)	250 kcmil (.575) to 500 kcmil (.813)	2.63 [67]	2.30 [58]	2.88	1/2 - 13	6.13 [156]	.31 [8]	3.88 [99]
N2AH40-34N	1	2/0 Str. (.420) to 800 kcmil (1.031)	2/0 Str. (.420) to 500 kcmil (.813)	500 kcmil (.813) to 800 kcmil (1.031)	2.63 [67]	2.62 [67]	2.92		5.88 [149]	.31 [8]	5.70 [145]
N2AH44-34N	1	4/0 Str. (.529) to 1000 kcmil (1.152)	4/0 Str. (.529) to 750 kcmil (.998)	750 kcmil (.998) to 1000 kcmil (1.152)	2.88 [73]	2.62 [67]	3.12		6.38 [175]	.50 [13]	4.69 [119]
N2AH44-44N	2	4/0 Str. (.529) to 1000 kcmil (1.152)	4/0 Sol. (.529) to 750 kcmil (.998)	750 kcmil (.998) to 1000 kcmil (1.152)	2.88 [73]	2.25 [57]	3.12		7.32 [186]	.50 [13]	6.12 [155]
N2AH46-44N	2	1000 kcmil (1.152) to 1500 kcmil (1.411)	—	—	3.07 [78]	2.50 [64]	3.36		7.46 [189]	.75 [19]	6.50 [165]

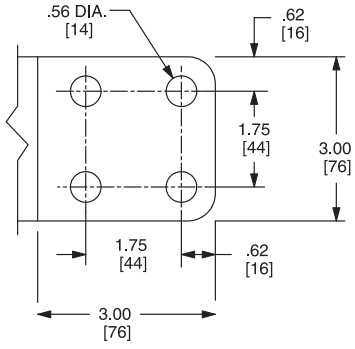


Fig. 1

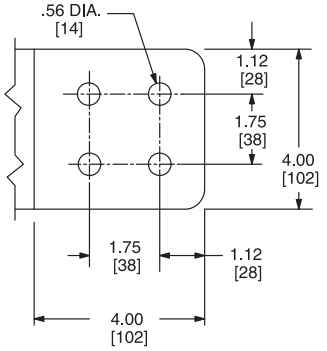


Fig. 2

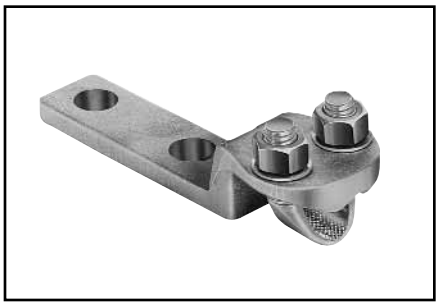
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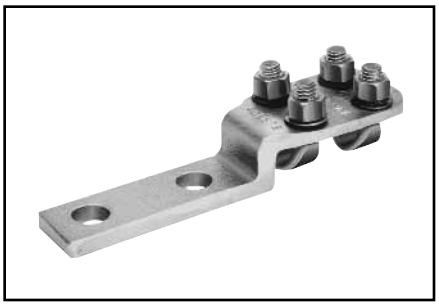
TYPES VA, VVA

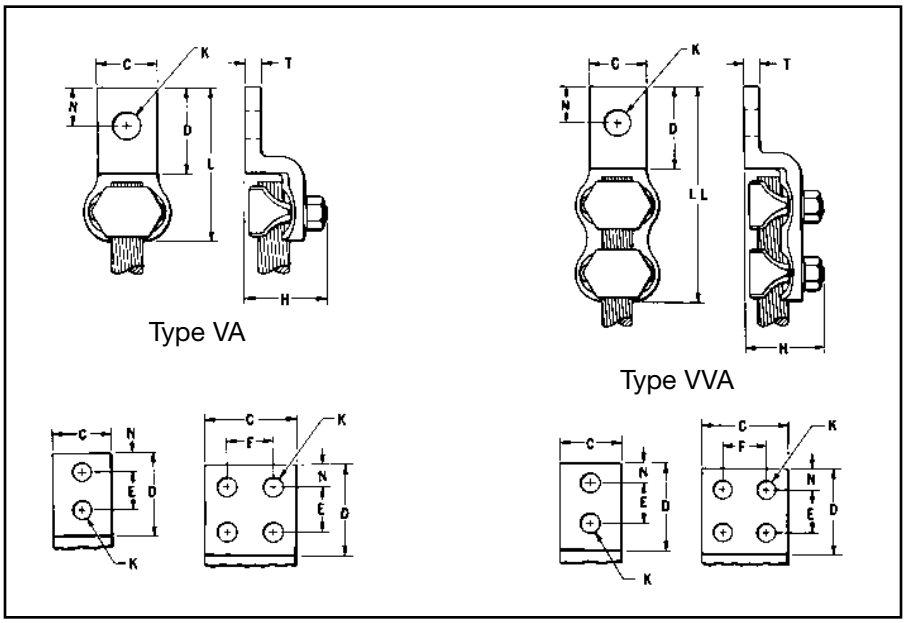
VARILUG

For Copper Cable

High copper alloy terminal for joining a wide range of cable to equipment pads or bar. Particularly suitable for use on extra flexible cable. One-wrench installation. Type VVA, twin elements secure joint against vibration and flexing. Particularly recommended for use on extra flexible cables. One-wrench installation.







Catalog Number*		Conductor	No. of Holes in Pad	C	D	E & F	H	K	L	LL	N	T
Type VA	Type VVA											
VA2C	—	8 Sol. - 2 Str.	1	13/16	1-1/4	—	1-1/2	7/16	2-3/4	4-1/8	3/8	1/4
VA25	—	6 Sol. - 1/0 Str.		7/8	1-3/8	—	1-7/8		2-1/8	4-3/8	1/2	
VA28	**VVA28**	1/0 Str. - 4/0 Str.	1	1-1/16	1-1/2	—	1-7/8	7/16	2-5/8	4-1/8	1/2	5/16
VA28-2N	**VVA28-2N**		2 NEMA		3-1/2	1-3/4		9/16	5	6-1/4	5/8	
VA30	**VVA30**	1/0 Str. - 300	1	1-1/8	1-5/8	—	2-1/4	7/16	3-1/4	4-5/8	5/8	
VA30-2N	**VVA30-2N**		2 NEMA		3-5/8	1-3/4		9/16	5-1/4	6-5/8	5/8	
VA34	**VVA34**	300 - 500	1	1-3/8	2	—	2-5/8	9/16	3-7/8	5-3/8	7/8	3/8
VA34-2N	**VVA34-2N**		2 NEMA		3-5/8	1-3/4		9/16	5-3/8	6-1/8	5/8	
—	**VVA34-4N**		4 NEMA	3	3-1/16	1-3/4	2-9/16	9/16	5-3/8	6-7/8	5/8	
VA40	**VVA40**	500 - 800	1	1-5/8	2-3/8	—	2-1/8	11/16	4-1/2	6-3/8	1	
VA40-2N	**VVA40-2N**		2 NEMA		3-5/8	1-3/4		9/16	5-7/8	7-3/4	5/8	
VA40-4N	**VVA40-4N**		4 NEMA	3	2-5/8	1-3/4		9/16	5-7/8	7-3/4	5/8	

* "N" indicates NEMA standard stud holes.

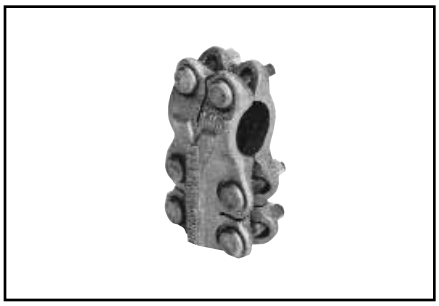
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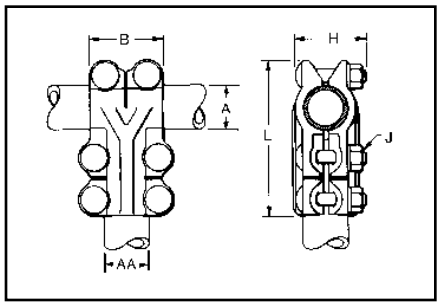
TYPE NT

T-CONNECTOR

For Copper Tube to Tube

High copper alloy T-Connector for tubing run and tap. Slots between bolts provide independent high-pressure areas of contact. One-wrench installation.





Catalog Number	Conductor		B	H	J	L
	Run 'A'	Tap 'AA'				
NT1313	1/2″	1/2″	2″	1-3/4″	3/8″	4″
NT1413	3/4″	1/2″		2″		4-1/8″
NT1414		3/4″				
NT1514	1″	3/4″		2-1/8″		4-3/8″
NT1515		1″				4-1/2″
NT1614	1-1/4″	3/4″		2-1/2″		4-3/4″
NT1615		1″				
NT1616		1-1/4″	2-3/4″	2-5/8″	1/2″	5-3/4″
NT1714	1-1/2″	3/4″	2″	2-3/4″	3/8″	5-1/8″
NT1715		1″				
NT1717		1-1/2″	2-3/4″		1/2″	6-1/8″
NT1816	2″	1-1/4″		3-1/4″		6-5/8″
NT1817		1-1/2″				
NT1818		2″	3-1/8″	3-3/8″		6-3/4″
NT1919	2-1/2″	2-1/2″	3-5/8″	3-7/8″		7-1/4″
NT2020	3″	3″	4-3/8″	4-5/8″	5/8″	8-5/8″
NT2121	3-1/2″	3-1/2″	4-7/8″	5-1/4″		9-1/4″
NT2222	4″	4″	5-1/2″	5-3/4″		9-7/8″

Blue highlighted items are industry standard and most frequently ordered.

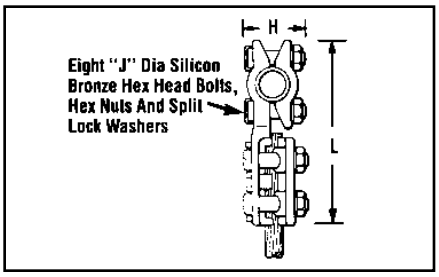
TYPES NSNT, NHNT

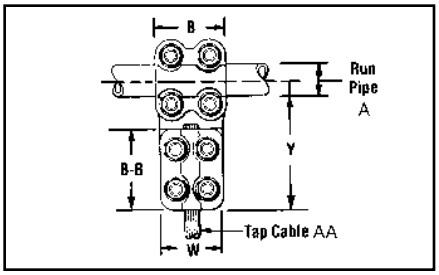
T-CONNECTOR

For Copper Tube to Cable

High copper alloy T-Connector for joining copper tubing run to a wide range of copper tap cable. Tap utilizes reversible cap to achieve large conductor range and the connector is designed for one-wrench installation.







Catalog Number	Run IPS or EHPS A	Commercial Copper Cable Range: Complete ① Tap Cable Range AA	Small Tap Groove	Large Tap Groove	B	B-B	H	"J" Dia.	L	W	Y
NSNT1329	1/2" (.840 Dia.)	6 Sol. (.162 Dia.) to 250 kcmil (.575 Dia.)	6 Sol. (.162 Dia.) to 1/0 Str. (.372 Dia.)	2/0 Str. (.420 Dia.) to 250 kcmil (.575 Dia.)	2.00	2.38	2.00	3/8"-16	5.08	1.96	3.89
NHNT1329					2.25	2.62	2.32	1/2"-13	5.82	2.44	4.38
NSNT1429	3/4" (1.050 Dia.)	6 Sol. (.162 Dia.) to 250 kcmil (.575 Dia.)	6 Sol. (.162 Dia.) to 1/0 Str. (.372 Dia.)	2/0 Str. (.420 Dia.) to 250 kcmil (.575 Dia.)	2.00	2.38	2.00	3/8"-16	5.08	1.96	3.89
NHNT1429					2.25	2.62	2.32	1/2"-13	5.82	2.44	4.38
NSNT1434		1/0 Sol. (.325 Dia.) to 500 kcmil (.813 Dia.)	1/0 Sol. (.325 Dia.) to 4/0 Str. (.529 Dia.)	250 kcmil (.575 Dia.) to 500 kcmil (.813 Dia.)	2.00	2.38	2.10	3/8"-16	5.08	2.20	3.89
NHNT1434					2.25	2.62	2.42	1/2"-13	5.82	2.56	4.38
NSNT1529	1" (1.315 Dia.)	6 Sol. (.162 Dia.) to 250 kcmil (.575 Dia.)	6 Sol. (.162 Dia.) to 1/0 Str. (.372 Dia.)	2/0 Str. (.420 Dia.) to 250 kcmil (.575 Dia.)	2.00	2.38	2.00	3/8"-16	5.34	1.96	4.02
NHNT1529					2.25	2.62	2.57	1/2"-13	5.92	2.44	4.43
NHNT1534		1/0 Sol. (.325 Dia.) to 500 kcmil (.813 Dia.)	1/0 Sol. (.325 Dia.) to 4/0 Str. (.529 Dia.)	250 kcmil (.575 Dia.) to 500 kcmil (.813 Dia.)			2.57			2.56	
NHNT1540		2/0 Str. (.420 Dia.) to 800 kcmil (1.031 Dia.)	2/0 Str. (.420 Dia.) to 500 kcmil (.813 Dia.)	500 kcmil (.813 Dia.) to 800 kcmil (1.03 Dia.)			2.60		—	2.78	
NSNT1629	1-1/4" (1.660 Dia.)	6 Sol. (1.62 Dia.) to 250 kcmil (.575 Dia.) to	6 Sol (.162 Dia.) to 1/0 Str. (.372 Dia.)	2/0 Str. (.420 Dia.) to 250 kcmil (.575 Dia.)	2.00	2.38	2.37	3/8"-16	5.78	1.96	4.24
NHNT1629					2.69	2.62	2.57	1/2"-13	6.32	2.44	4.63
NHNT1634		1/0 Sol. (.325 Dia.) to 500 kcmil (.813 Dia.)	1/0 Sol. (.325 Dia.) to 4/0 Str. (.529 Dia.)	250 kcmil (.575 Dia.) to 500 kcmil (.813 Dia.)			2.60			2.56	
NHNT1640		2/0 Str. (.420 Dia.) to 800 kcmil (1.031 Dia.)	2/0 Str. (.420 Dia.) to 500 kcmil (.813 Dia.)	500 kcmil (.813 Dia.) to 800 kcmil (1.031 Dia.)			2.68			2.78	
NHNT1644		4/0 Str. (.529 Dia.) to 1000 kcmil (1.152 Dia.)	4/0 Str. (.529 Dia.) to 750 kcmil (.998 Dia.)	750 kcmil (.998 Dia.) to 1000 kcmil (1.152 Dia.)		2.88	2.69		6.58	2.90	4.89
NHNT1729	1-1/2" (1.900 Dia.)	6 Sol. (.162 Dia.) to 250 kcmil (.575 Dia.)	6 Sol. (.162 Dia.) to 1/0 Str. (.372 Dia.)	210 Str. (.420 Dia.) to 250 kcmil (.575 Dia.)	2.69	2.62	2.70	1/2"-13	6.76	2.44	4.85
NHNT1734		1/0 Sol. (.325 Dia.) to 500 kcmil (.813 Dia.)	1/0 Sol. (.325 Dia.) to 4/0 Str. (.529 Dia.)	250 kcmil (.575 Dia.) to 500 kcmil (.813 Dia.)			2.70			2.56	
NHNT1740		2/0 Str. (.420 Dia.) to 800 kcmil (1.031 Dia.)	2/0 Str. (.420 Dia.) to 500 kcmil (.813 Dia.)	500 kcmil (.813 Dia.) to 800 kcmil (1.031 Dia.)			2.78			2.78	
NHNT1744		4/0 Str. (.529 Dia.) to 1000 kcmil (1.152 Dia.)	4/0 Str. (.529 Dia.) to 750 kcmil (.998 Dia.)	750 kcmil (.998 Dia.) to 1000 kcmil (1.152 Dia.)		2.88	2.80		7.02	2.90	5.11
NHNT1829	2" (2.375 Dia.)	6 Sol. (.162 Dia.) to 250 kcmil (.575 Dia.)	6 Sol. (.162 Dia.) to 1/0 Str. (.372 Dia.)	2/0 Str. (.420 Dia.) to 250 kcmil (.575 Dia.)	2.69	2.62	3.06	1/2"-13	7.44	2.44	5.19
NHNT1834		1/0 Sol. (.325 Dia.) to 500 kcmil (.813 Dia.)	1/0 Sol. (.325 Dia.) to 4/0 Str. (.529 Dia.)	250 kcmil (.575 Dia.) to 500 kcmil (.813 Dia.)						2.56	
NHNT1840		2/0 Str. (.420 Dia.) to 800 kcmil (1.031 Dia.)	2/0 Str. (.420 Dia.) to 500 kcmil (.813 Dia.)	500 kcmil (.813 Dia.) 800 kcmil (1.031 Dia.)						2.78	
NHNT1844		4/0 Str. (.529 Dia.) to 1000 kcmil (1.152 Dia.)	4/0 Str. (.529 Dia.) to 750 kcmil (.998 Dia.)	750 kcmil (.998 Dia.) to 1000 kcmil (1.152 Dia.)		2.88	3.06		7.70	2.90	5.45
NHNT1846		1000 kcmil (1.152 Dia.) to 1500 kcmil (1.412 Dia.)	—	1000 kcmil (1.152 Dia.) to 1500 kcmil (1.412 Dia.)		3.06	3.23		7.88	3.16	5.63
NHNT1929	2-1/2" (2.875 Dia.)	6 Sol. (.162 Dia.) to 250 kcmil (.575 Dia.)	6 Sol. (.162 Dia.) to 1/0 Str. (.372 Dia.)	2/0 Str. (.420 Dia.) to 250 kcmil (.575 Dia.)	2.69	2.62	3.64		8.06	2.44	5.50
NHNT1934		1/0 Sol. (.325 Dia.) to 500 kcmil (.813 Dia.)	1/0 Sol. (.325 Dia.) to 4/0 Str. (.529 Dia.)	250 kcmil (.575 Dia.) to 500 kcmil (.813 Dia.)						2.56	
NHNT1940		2/0 Str. (.420 Dia.) to 800 kcmil (1.031 Dia.)	2/0 Str. (.420 Dia.) to 500 kcmil (.813 Dia.)	500 kcmil (.813 Dia.) to 800 kcmil (1.031 Dia.)						2.78	
NHNT1944		4/0 Str. (.529 Dia.) to 1000 kcmil (1.152 Dia.)	4/0 Str. (.529 Dia.) to 750 kcmil (.998 Dia.)	750 kcmil (.998 Dia.) to 1000 kcmil (1.152 Dia.)		2.88			8.32	2.90	5.76
NHNT1946		1000 kcmil (1.152 Dia.) to 1500 kcmil (1.412 Dia.)	—	1000 kcmil (1.152 Dia.) to 1500 kcmil (1.412 Dia.)		3.06			8.50	3.16	5.94
NHNT2044	3" (3.500 Dia.)	4/0 Str. (.529 Dia.) to 1000 kcmil (1.152 Dia.)	4/0 Str. (.529 Dia.) to 750 kcmil (.998 Dia.)	750 kcmil (.998 Dia.) to 1000 kcmil (1.152 Dia.)		5.75	4.26		8.95	2.90	6.07

① Complete cable range may be accommodated by reversing cap.

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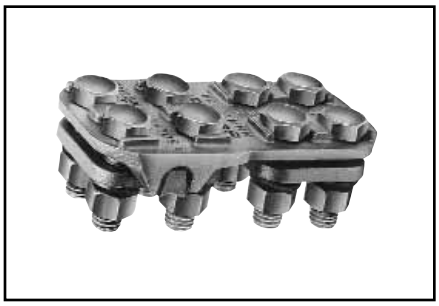
Blue highlighted items are industry standard and most frequently ordered.

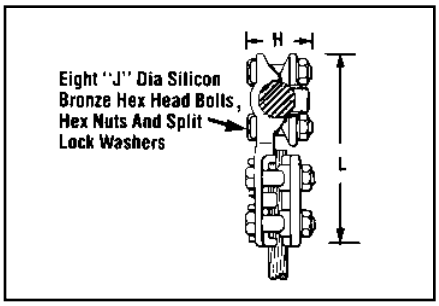
TYPES NSNT, NHNT

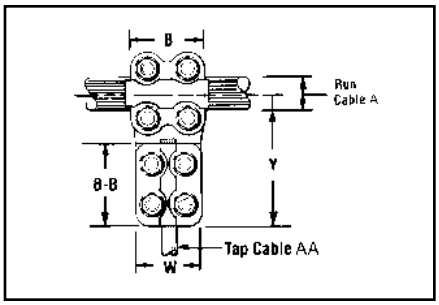
T-CONNECTOR

For Copper Cable to Cable

High copper alloy reversible T-Connector for joining a wide range of run and tap cables. Connector is designed for one-wrench installation. "S" standard 3/8" hardware and "H" heavy duty 1/2" hardware.







Catalog Number	Commercial Copper Cable Range					
	Complete Run Cable Range A ①	Small Run Groove	Large Run Groove	Complete Tap Cable Range AA ①	Small Tap Groove	Large Tap Groove
NSNT2929	6 Sol. (.162 Dia.) to 250 kcmil (.575 Dia.)	6 Sol. (.162 Dia.) to 1/0 Str. (.372 Dia.)	2/0 Str. (.420 Dia.) to 250 kcmil (.575 Dia.)	6 Sol. (.162 Dia.) to 250 kcmil (.575 Dia.)	6 Sol. (.162 Dia.) to 1/0 Str. (.372 Dia.)	2/0 Str. (.420 Dia.) to 250 kcmil (.575 Dia.)
NHNT2929						
NSNT3429	1/0 Sol. (.325 Dia.) to 500 kcmil (.813 Dia.)	1/0 Sol. (.325 Dia.) to 4/0 Str. (.529 Dia.)	250 kcmil (.575 Dia.) to 500 kcmil (.813 Dia.)			
NHNT3429				1/0 Sol. (.325 Dia.) to 500 kcmil (.813 Dia.)	1/0 Sol. (.325 Dia.) to 4/0 Str. (.529 Dia.)	250 kcmil (.575 Dia.) to 500 kcmil (.813 Dia.)
NSNT3434						
NHNT3434						
NHNT4429	4/0 Str. (.529 Dia.) to 1000 kcmil (1.152 Dia.)	4/0 Str. (.529 Dia.) to 750 kcmil (.998 Dia.)	750 kcmil (.998 Dia.) to 1000 kcmil (1.152 Dia.)	6 Sol. (.162 Dia.) to 250 kcmil (.575 Dia.)	6 Sol. (.162 Dia.) to 1/0 Str. (.372 Dia.)	2/0 Str. (.420 Dia.) to 250 kcmil (.575 Dia.)
NHNT4434				1/0 Sol. (.325 Dia.) to 500 kcmil (.813 Dia.)	1/0 Sol. (.325 Dia.) to 4/0 Str. (.529 Dia.)	250 kcmil (.575 Dia.) to 500 kcmil (.813 Dia.)
NHNT4440				2/0 Str. (.420 Dia.) to 800 kcmil (1.031 Dia.)	2/0 Str. (.420 Dia.) to 500 kcmil (.813 Dia.)	500 kcmil (.813 Dia.) to 800 kcmil (1.031 Dia.)
NHNT4444				4/0 Str. (.529 Dia.) to 1000 kcmil (1.152 Dia.)	4/0 Str. (.529 Dia.) to 750 kcmil (.998 Dia.)	750 kcmil (.998 Dia.) to 1000 kcmil (1.152 Dia.)
NHNT4834	500 kcmil (.813 Dia.) to 2000 kcmil (1.632 Dia.)	500 kcmil (.813 Dia.) to 1500 kcmil (1.412 Dia.)	1500 kcmil (1.412 Dia.) to 2000 kcmil (1.632 Dia.)	1/0 Sol. (.325 Dia.) to 500 kcmil (.813 Dia.)	1/0 sol. (.325 Dia.) to 4/0 Str. (.529 Dia.)	250 kcmil (.575 Dia.) to 500 kcmil (.813 Dia.)
NHNT4840				2/0 Str. (.420 Dia.) to 800 kcmil (1.031 Dia.)	2/0 Str. (.420 Dia.) to 500 kcmil (.813 Dia.)	500 kcmil (.813 Dia.) to 800 kcmil (1.031 Dia.)
NHNT4844				4/0 Str. (.529 Dia.) to 1000 kcmil (1.152 Dia.)	4/0 Str. (.529 Dia.) to 750 kcmil (.998 Dia.)	750 kcmil (.998 Dia.) to 1000 kcmil (1.152 Dia.)
NHNT4846				1000 kcmil (1.152 Dia.) to 1500 kcmil (1.412 Dia.)	—	1000 kcmil (1.152 Dia.) to 1500 kcmil (1.412 Dia.)
NHNT4848				500 kcmil (.813 Dia.) to 2000 kcmil (1.632 Dia.)	500 kcmil (.813 Dia.) to 1500 kcmil (1.412 Dia.)	1500 kcmil (1.412 Dia.) to 2000 kcmil (1.632 Dia.)

① Complete cable range may be accommodated by reversing cap.

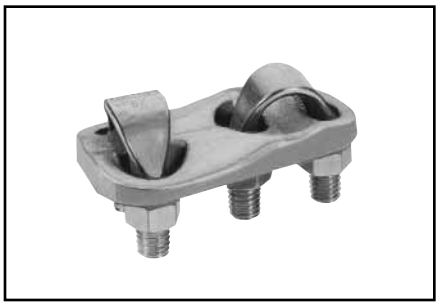
Catalog Number	B	B-B	H	"J" Dia.	L	W	Y
NSNT2929	2.38	2.38	1.75	3/8"-16	4.60	1.96	3.62
NHNT2929	2.62	2.62	2.07	1/2"-13	5.32	2.44	4.10
NSNT3429	2.38	2.38	2.00	3/8"-16	4.84	1.96	3.74
NHNT3429	2.62	2.62	2.32	1/2"-13	5.44	2.44	4.16
NSNT3434	2.38	2.38	2.00	3/8"-16	4.84	2.20	3.74
NHNT3434	2.62	2.62	2.32	1/2"-13	5.38	2.56	4.10
NHNT4429	2.88	2.62	2.57	1/2"-13	5.78	2.44	4.33
NHNT4434						2.56	
NHNT4440						2.78	
NHNT4444		2.88		1/2"-13	6.03	2.90	4.58
NHNT4834	3.25	2.62	3.07	1/2"-13	6.26	2.56	4.57
NHNT4840						2.78	
NHNT4844		2.88		1/2"-13	6.51	2.90	4.82
NHNT4846		3.06		1/2"-13	6.76	3.16	5.07
NHNT4848		3.25		1/2"-13	6.94	3.38	5.25

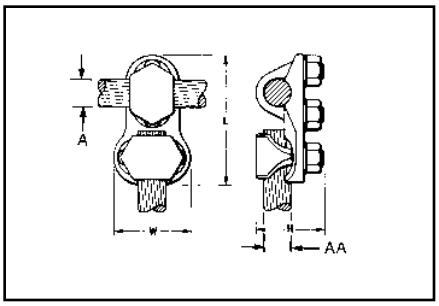
TYPE VT

T-CONNECTOR

For Copper Cable to Cable

High copper alloy T-Connector for cable run, cable tap, V-bolt clamping elements accommodate large range of cable and are particularly suited for extra flexible cable. One-wrench installation.





Catalog Number	Conductor		H	L	W
	Run - A	Tap - AA			
VT2C2C	8 Sol. - 2 Str.	8 Sol. - 2 Str.	1-3/8	2-3/8	1
VT2525	6 Sol. - 1/0 Str.	6 Sol. - 1/0 Str.	1-5/8	2-5/8	1-1/4
VT2825	1/0 Str. - 4/0 Str.	6 Sol. - 1/0 Str.		3-1/8	
VT2828	1/0 Str. - 4/0 Str.	1/0 Str. - 4/0 Str.			1-3/4
VT3025	1/0 Str. - 300	6 Sol. - 1/0 Str.	1-7/8	3-3/8	1-1/8
VT3030	1/0 Str. - 300	1/0 Str. - 300			2
VT3425	300 - 500	6 Sol. - 1/0 Str.	2-3/8	3-3/4	1-1/4
VT3428	300 - 500	1/0 Str. - 4/0 Str.		3-1/2	1-3/4
VT3430	300 - 500	1/0 Str. - 300		3-5/8	2
VT3434	300 - 500	300 - 500		3-3/4	2-1/4
VT4040	500 - 800	500 - 800	2-5/8	4-1/2	2-5/8
VT4425	750 - 1000	6 Sol. - 1/0 Str.	2-7/8	4-3/8	1-1/4
VT4428	750 - 1000	1/0 Str. - 4/0 Str.		4-1/8	1-3/4
VT4834	1500 - 2000	300 - 500	4-1/4	5-1/4	2-1/4

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TYPE NS

COUPLER

For Copper Tube to Tube

High copper alloy coupler for joining equal sizes of tube end to end. Slots between bolts provide independent high pressure areas of contact. One-wrench installation.



Fig. 2

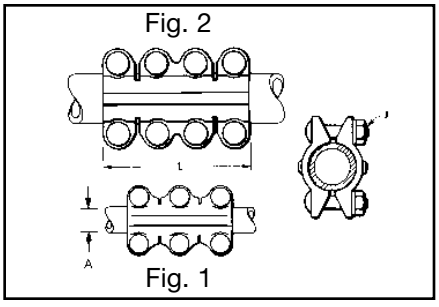


Fig. 1

Catalog Number	Conductor - A	Conductor - B	J	L	Fig. No.
NS1313	1/2	1/2	3/8	3-1/4	1
NS1414HC	3/4	3/4		4	
NS1515	1	1		4-1/4	2
NS1616HC	1-1/4	1-1/4	1/2	5-3/4	
NS1717	1-1/2	1-1/2			
NS1818	2	2			
NS1919	2-1/2	2-1/2			
NS2020	3	3	5/8	7-1/4	
NS2121	3-1/2	3-1/2		8	
NS2222	4	4		8-1/2	

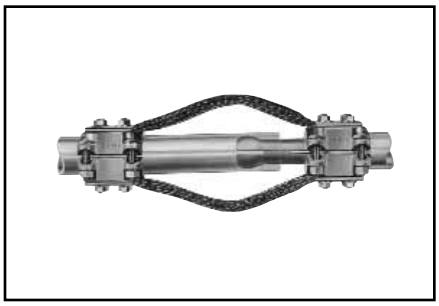
Blue highlighted items are industry standard and most frequently ordered.

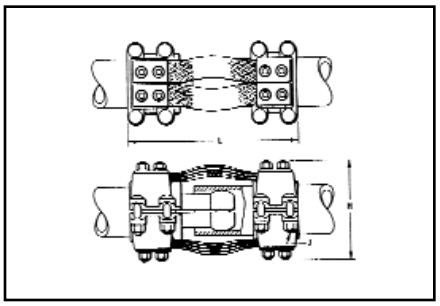
TYPE XP

EXPANSION COUPLER

For Copper Tube to Tube

High alloy copper expansion coupler for joining equal size tube on end. Extra flexible tinned copper braid allows longitudinal movement of the tube. Type XP has alignment guide. One-wrench installation.





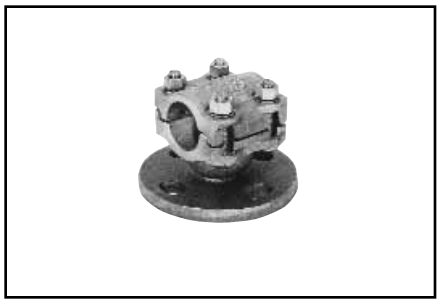
Catalog Number Standard IPS With Guide	Conductor	H	J	L
XP1818	2	7	1/2	12
XP2222	4	9-1/8	5/8	13-5/8

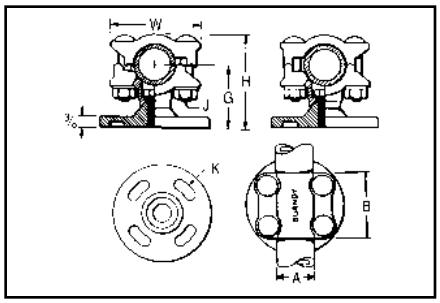
TYPE UH

BUS SUPPORT

For Copper Tube

High copper alloy bus support for mounting tube on a post or pedestal type insulator. Single bolt allows rotation to any angle. Rotate cap 180° for slip or rigid fit. One-wrench installation. Supplied with hardware for mounting to cap of insulator. Specify base mounting hardware, if required, by adding suffix “B” to Catalog No.





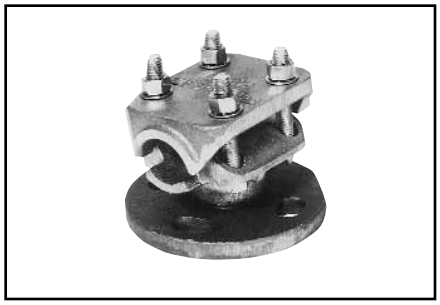
Catalog Number	Copper Conductor IPS “A”	Bolt Circle	B	G	H	J	K	W
UH14-3	3/4	3	2-1/2	2	2-7/8	3/8	9/16	2-5/8
UH15-3	1	3		2	3		9/16	2-7/8
UH15-5		5		2-1/4	3-1/4		11/16	
UH16-3	1-1/4	3	2-11/16		3-1/2	1/2	9/16	3-1/2
UH16-5		5		2-3/8	3-5/8		11/16	
UH17-3	1-1/2	3	3	2-1/2	3-7/8		9/16	4
UH17-5		5					11/16	
UH18-3	2	3		2-3/4	4-3/8		9/16	4-5/8
UH18-5		5					11/16	
UH19-3	2-1/2	3		3-1/8	5		9/16	5-1/4
UH19-5		5					11/16	
UH20-3	3	3	3-1/4	3-5/8	5-7/8	5/8	9/16	6-1/4
UH20-5		5					11/16	
UH22-5	4	5		4-1/2	7-1/4		11/16	7-1/2

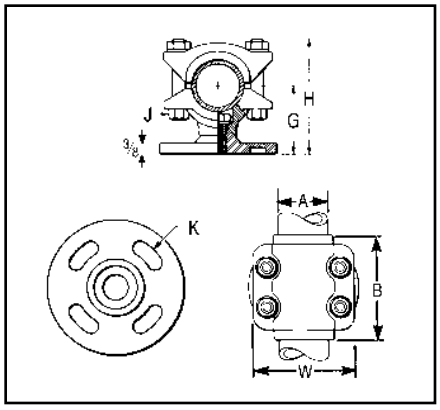
TYPE UHR

BUS SUPPORT

For Copper Cable or Tube

High copper alloy bus support clamp for mounting a wide range of cable or tube on post or pedestal type insulators. Single bolt allows rotation to any angle. Supplied with hardware for mounting to cap of insulator. Specify base mounting hardware, if required, by adding suffix “-B” to Catalog No.





Catalog Number	Copper Conductor “A”		Bolt Circle	B	G*	H	J	K	W
	Cable	Tube							
UHR13-3	6 Str. - 500	1/8 - 1/2	3	3-5/8	1-3/4	3	3/8	9/16	2-1/4
UHR13-5			5		2-1/8	3-3/8		11/16	
UHR15-3	4/0 Str. - 1250	1/4 - 1	3	3-3/4	2	3-1/2		9/16	2-3/4
UHR15-5			5		2-1/4	3-3/4		11/16	
UHR17-3	750 - 2500	3/4 - 1-1/2	3	2-7/8	2-1/2	4-1/4	1/2	9/16	4
UHR17-5			5					11/16	

* With maximum conductor in place.

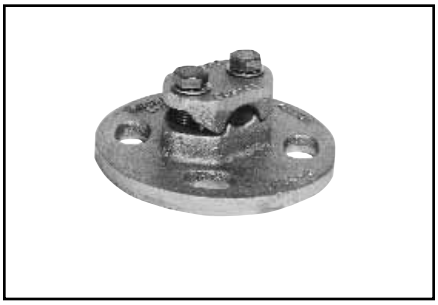
Blue highlighted items are industry standard and most frequently ordered.

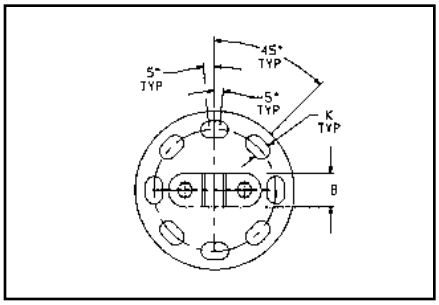
TYPES LH, LHR

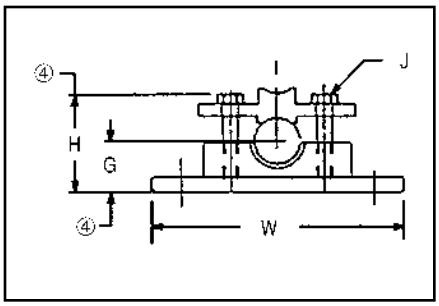
BUS SUPPORT

For Copper Cable or Tube

High copper alloy, light duty bus support for mounting a wide range of cable or tube on post or pedestal type insulators. One-wrench installation. Supplied with hardware for mounting to cap of insulator. Specify base mounting hardware, if required, by adding suffix "-B" to Catalog No.







Copper Cable Range Complete Range	Tubing Schedule 40/80	⑤ Bolt ⑥ Circle	Catalog Number	Dimensions Inches/[mm]					
				B	G ④	H ④	J	K	W
6 Sol. - 4/0 Str.	—	3″	**LH28-3**	1.69 [43]	1.25 [32]	2.62 [66.5]	3/8 - 16	.56 [14]	4.25 [108]
③ #8 - 250 kcmil	1/8 - 1/4	3″	**LHR29-3**	1.00 [25]	1.23 [31]	2.03 [52]		.56 [14]	4.25 [108]
2/0 Str. - 500 kcmil	1/4 - 1/2	3″	**LH34-3**	1.38 [35]	1.38 [35]	2.50 [63.5]		.56 [14]	4.25 [108]

NOTES:

1 Material:
Connector: Cast copper alloy
Clamping Hardware: Silicon bronze
Mounting Hardware: Galvanized steel

2 Dimensions in brackets [ ] are in millimeters.

③ Complete range may be accommodated by reversing the cap.

④ Dimension with maximum conductor in place.

⑤ Cap mounting hardware is supplied as standard. 3.00 Dia. bolt circle furnished with four 1/2 -13 3 1.00 long galvanized steel hex head bolts and split lockwashers. 5.00 Dia. bolt circle furnished as above except bolts are .625 3 1.75.

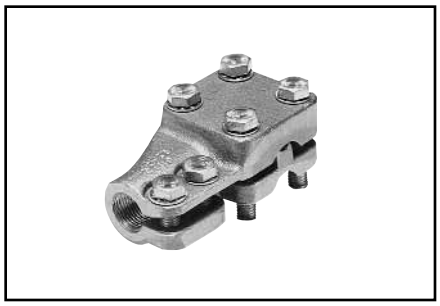
⑥ If base mounting is desired, add "-B" to the Catalog Number and the following hardware will be supplied: 3.00 Dia. bolt circle furnished 1/2 -13 3 1-1/2 long galvanized steel hex head bolt, hex nuts, and 5.00 Dia. bolt circle furnished as above except bolts are .625 3 1.75.

TYPE NDR

STUD CONNECTOR

For Copper Cable,
Tube, Flat Bar

High copper alloy reversible and rotatable cap stud connector joins cable, tube and flat bar in-line or at right angles to equipment studs. Accommodates a wide range of cables or tubes. One-wrench installation.



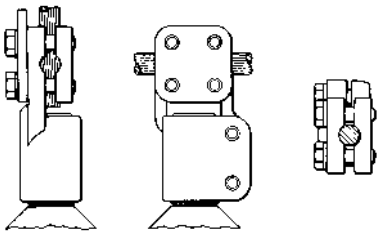


Fig. 1

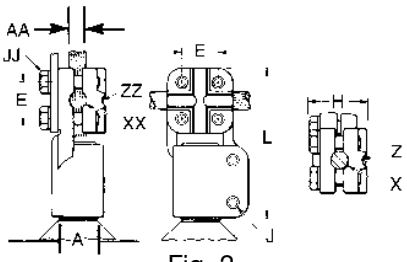


Fig. 2

Catalog Number	Stud A	Complete Range AA Cable	Complete Range AA Tube I.P.S.	Fig. No.	X Groove	XX Groove	Z Groove	ZZ Groove	E	H	J	JJ	L
NDR6328T13	1/2-13	6 Sol. - 4/0 Str.	—	1	6 Sol. - 1 Str.	2/0 Sol. - 4/0 Str.			1-1/16	1-3/4	3/8	3/8	3-5/8
NDR6428T16	3/4-16	6 Sol. - 4/0 Str.	—		6 Sol. - 1 Str.	2/0 Sol. - 4/0 Str.							
NDR6434T16		6 Sol. - 500	3/8 - 1/2	2	250 - 350	400 - 500	6 Sol. - 2 Str.	1/0 Sol. - 4/0 Str.	1-7/16	2-1/4			4-1/8
NDR6444T16		2 Sol. - 1000	3/8 - 3/4		550 - 700	750 - 1000	2 Sol. - 250	300 - 500	1-7/8	2-7/8		1/2	4-5/8
NDR6528T14	1-14	6 Sol. - 4/0 Str.	—	1	6 Sol. - 1 Str.	2/0 Sol. - 4/0 Str.			1-1/16	1-3/4		3/8	4-1/8
NDR6534T14		6 Sol. - 500	3/8 - 1/2	2	250 - 350	400 - 500	6 Sol. - 2 Str.	1/0 Sol. - 4/0 Str.	1-7/16	2-1/4			4
NDR6544T14		2 Sol. - 1000	3/8 - 3/4		550 - 700	750 - 1000	2 Sol. - 250	300 - 500	1-7/8	2-7/8		1/2	4-3/4
NDR65528T12	1-1/8-12	6 Sol. - 4/0 Str.	—	1	6 Sol. - 1 Str.	2/0 Sol. - 4/0 Str.			1-1/16	1-3/4		3/8	4-1/8
NDR65534T12		6 Sol. - 500	3/8 - 1/2	2	250 - 350	400 - 500	6 Sol. - 2 Str.	1/0 Sol. - 4/0 Str.	1-7/16	2-1/4			4
NDR65544T12		2 Sol. - 1000	3/8 - 3/4		550 - 700	750 - 1000	2 Sol. - 250	300 - 500	1-7/8	2-7/8		1/2	4-5/8
NDR6644T12	1-1/4-12	2 Sol. - 1000	3/8 - 3/4		550 - 700	750 - 1000	2 Sol. - 250	300 - 500	1-7/8	2-7/8			4-5/8
NDR6728T12	1-1/2-12	6 Sol. - 4/0 Str.	—	1	6 Sol. - 1 Str.	2/0 Sol. - 4/0 Str.			1-1/16	2-1/4	1/2	3/8	4-3/4
NDR6734T12		6 Sol. - 500	3/8 - 1/2	2	250 - 350	400 - 500	6 Sol. - 2 Str.	1/0 Sol. - 4/0 Str.	1-7/16	2-3/8			5
NDR6744T12		2 Sol. - 1000	3/8 - 3/4		550 - 700	750 - 1000	2 Sol. - 250	300 - 500	1-7/8	2-7/8		1/2	5-1/8
NDR6748T12		4/0 Str. - 2000	3/8-1-1/4		1250 - 1600	1700 - 2000	4/0 Str. - 600	650 - 1200	2-3/8	3-1/4			5-3/4
NDR6844T12	2-12	2 Sol. - 1000	3/8 - 3/4		550 - 700	750 - 1000	2 Sol. - 250	300 - 500	1-7/8	2-7/8			6-1/8
NDR6848T12		4/0 Str. - 2000	3/8-1-1/4		1250 - 1600	1700 - 2000	4/0 Str. - 600	650 - 1200	2-3/8				6-5/8

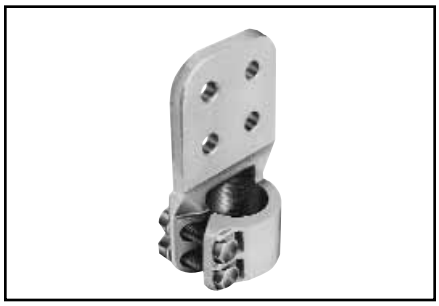
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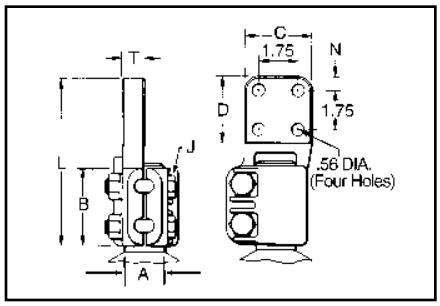
TYPE FD

STUD CONNECTOR

For Stud to Flat Bar

High copper alloy stud connector allows bolting cable and tubing terminals to equipment studs. Hex head captured bolts provide one-wrench installation. One pad contact surface is on centerline of stud. Pad is finished on both sides. All pads are four hole NEMA drilled.





Catalog Number	Stud A	Nominal Ampere Rating ①	B	C	D	J	L	N	T
FD64C5T16	3/4″ -16	1000	1.75	3.00	3.00	3/8″-16	5.72	.62	.31
FD65C6T14	1″-14	1075		3.00	3.00		5.72	.62	.38
FD655C6	1-1/8″-12	1075		3.00	3.00		5.80	.62	.38
FD655D6		1300		4.00	4.00		6.86	1.12	.38
FD66C6	1-1/4″-12	1075		3.00	3.00		5.78	.62	.38
FD66D6		1300		4.00	4.00		6.84	1.12	.38
FD67C6	1-1/2″-12	1075	2.18	3.00	3.00	1/2″-13	6.23	.62	.38
FD67D8		1450		4.00	4.00		7.30	1.12	.50
FD675C8	1-3/4″-12	1220		3.00	3.00		6.32	.62	.50
FD675D8		1450		4.00	4.00		7.39	1.12	.50
FD68C8	2″-12	1220		3.00	3.00		6.35	.62	.50
FD68D8		1450		4.00	4.00		7.42	1.12	.50
FD68D12		2100		4.00	4.00		7.42	1.12	.75
FD685C8	2-1/4″-12	1220	2.50	3.00	3.00		6.71	.62	.50
FD685D8		1450		4.00	4.00		7.77	1.12	.50
FD685D12		2100		4.00	4.00		7.77	1.12	.75
FD69C8	2-1/2″-12	1220		3.00	3.00		6.77	.62	.50
FD69D8		1450		4.00	4.00		8.03	1.12	.50
FD69D12		2100		4.00	4.00		8.03	1.12	.75
FD70D12	3″-12	2100	2.88	4.00	4.00	5/8″-11	8.26	1.12	.75
FD70D16		3000		4.00	4.00		8.24	1.12	1.00

NOTES:
① Indoor Rating
2. Contact factory for other variations in drilling, plating, etc.

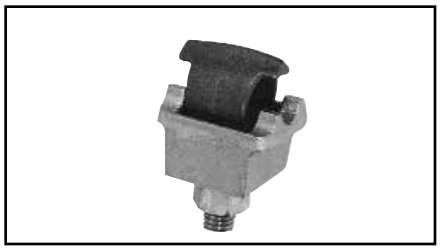
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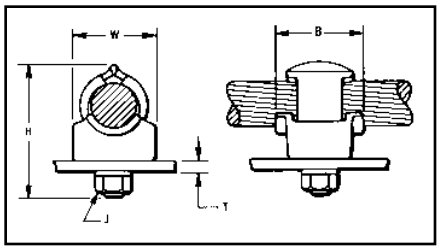
TYPE QGFL

BARTAP™

For Copper Cable to Flat

High copper alloy BARTAP™ for joining a range of cable to bar or pad. One-wrench installation.





Catalog Number	Conductor	B	H	J	T (Max.)	W
QGFL1CB1	10 Sol. - 1 Str.	1-1/8	1-7/8	3/8	1/4	1
QGFL1CB1T6			2-3/8		3/4	
QGFL26B1	8 Sol. - 2/0 Str.	1-1/4	2-1/8		1/4	1-1/8
QGFL26B1T6			2-5/8		3/4	
QGFL26B2*			1-1/2	1/2	1/4	
QGFL26B2T6*		1-1/2	2-7/8		3/4	
QGFL29B1*	6 Str. - 250	1-5/8	2-5/8		1/4	1-3/8
QGFL29B1T6*			3-1/8		3/4	
QGFL31B1*	2 Sol. - 350	1-3/4	2-7/8		1/4	1-5/8
QGFL31B1T6*			3-1/4		3/4	
QGFL34B1	1/0 Sol. - 500	2	3-1/8		1/4	1-3/4
QGFL34B1T6			3-5/8		3/4	
QGFL39B1	350 - 750	2-1/4	3-1/4		1/4	1-3/4
QGFL39B1T6			3-5/8		3/4	
QGFL44B1	750 - 1000		3-3/8		1/4	2-1/8
QGFL44B1T6			4-1/8		3/4	
QGFL46B1	1000 - 1500		4		1/4	2-1/2
QGFL46B1T6			4-1/2		3/4	
QGFL48B1	1500 - 2000		4-3/4		1/4	3

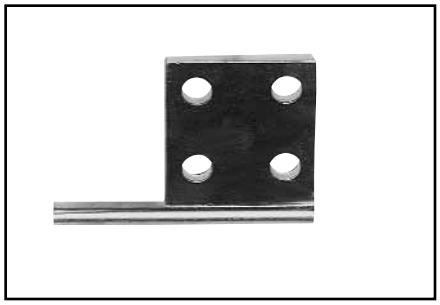
* Can be installed side by side or in-line on NEMA drilled bar.

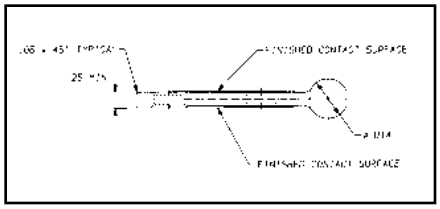
TYPE FCB

TRANSFORMER TAP ADAPTER

For Copper and Aluminum

Cast in one piece from copper alloy. Transformer tap adapter designed to accommodate from 1 to 6 NEMA drilled copper or aluminum terminal taps from a single secondary transformer outlet. Tin-plated. Order mounting hardware and tap terminals separately.





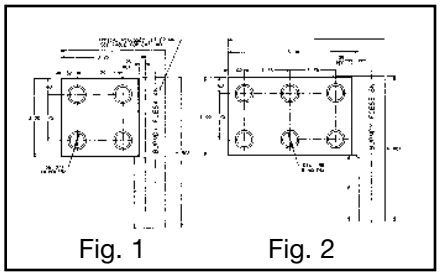


Fig. 1 Fig. 2

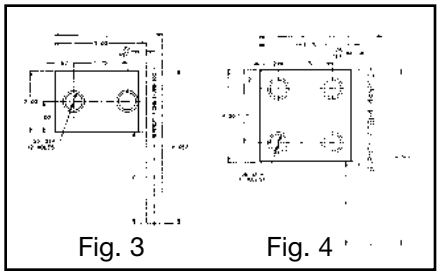


Fig. 3 Fig. 4

Fig. No.	Catalog Number	A Dia.	H REF	L	P
1	FCB63-4N	.50	5.25	3.75	2.25
2	FCB63-6N	.50	5.25	5.50	2.25
1	FCB64-4N	.75	5.75	4.00	2.75
2	FCB64-6N	.75	5.75	5.75	2.75
1	FCB65-4N	1.00	7.00	4.25	4.00
3	FCB63-2NP300	.50	5.00	3.50	3.00
4	FCB64-44NP50	.75	9.00	5.00	5.00

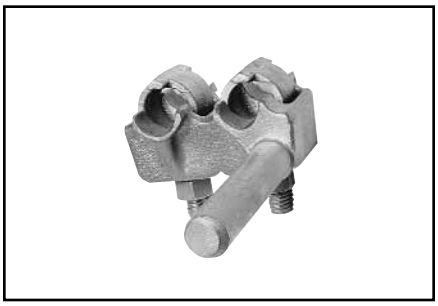
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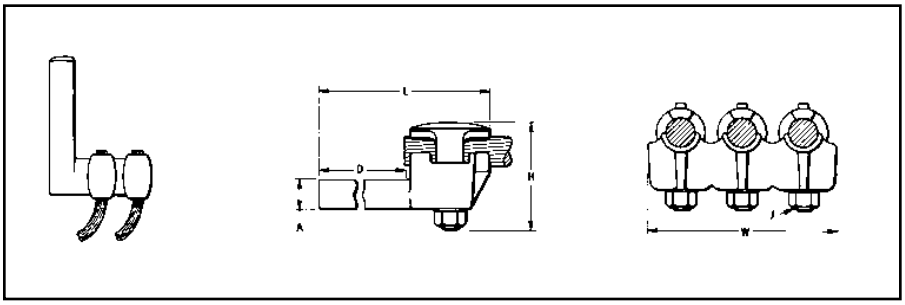
TYPE E-C-G

TRANSFORMER TAP ADAPTER

For Copper Cable

Multi-tap, range-taking cast copper alloy connector designed to take 2, 3, or 4 conductors from a single secondary transformer outlet.





Catalog Number	Number of Conductors	Conductor Size	A Dia.	D	H	J	L	W
E2C34G1	2	1/0 Sol. to 500	.78	3-3/4	3-7/8	1/2-13	6-1/4	3-1/2
E3C34G1	3							5-1/4
E4C34G1	4							6-7/8

Blue highlighted items are industry standard and most frequently ordered.

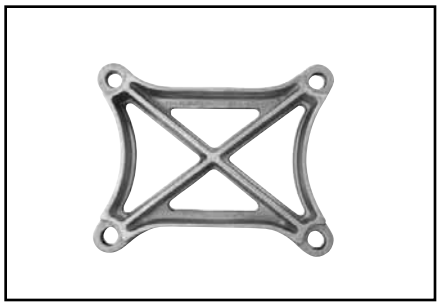
TYPE HFBW

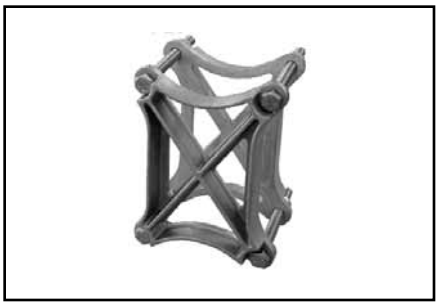
BAR CLAMP

For Copper Bar

The clamp assembly eliminates the need for drilling the flat bar and is used in indoor and outdoor applications.

The open web design provides a uniform clamping pressure while minimizing the weight of the connector.





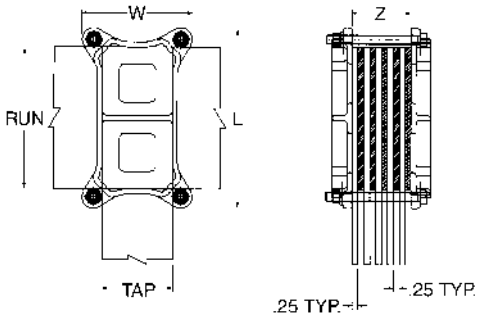


Fig. 1

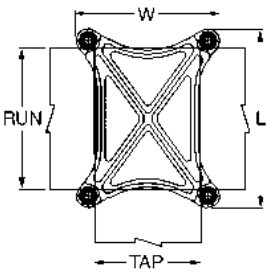


Fig. 2

FEATURES

- Web design cast copper body.
- Fully threaded yellow galvanized bolts with split-lockwashers and nuts included.
- Flat bar accommodation molded into body.

BENEFITS

- Increased tortional resistance.
- Reduced weight.
- Simple installation.
- Easy identification.

Catalog Number *	Conductor		Figure Number	Standard Maximum 'Z' Dimension	Total Number of Flat Bars (Standard 1/4" Thick)	Bolt Size	Dimensions	
	Run	Tap					W	L
HFBW86T20CG1	8.0	6.0	2	5.00	20	5/8"-11	8.13	10.13
HFBW66T16CG1	6.0	6.0	2	4.00	16	1/2"-13	7.75	7.75
HFBW64T17CG1	6.0	4.0	2	4.25	17	1/2"-13	5.75	7.75
HFBW44T17CG1	4.0	4.0	2	4.25	17	1/2"-13	5.68	5.68
HFBW43T10CG1	4.0	3.0	2	2.50	10	3/8"-16	4.42	5.42
HFBW42T10CG1	4.0	2.0	1	2.50	10	3/8"-16	3.54	5.55

* Catalog number based on standard maximum "Z" dimension. Refer to your FCI representative for non-standard "Z" dimensions.
Add TN suffix for tin plating (example: HFBW86T20CG1TN).
All dimensions in inches.

Blue highlighted items are industry standard and most frequently ordered.

TYPE HFB-P1

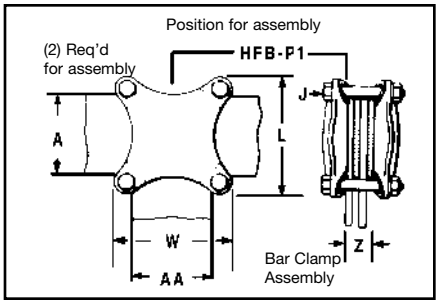
BAR CLAMP ASSEMBLY COMPONENTS

For Copper Bar

To build your own high strength clamp assembly for multiple flat bar using type HFB-P1 bar clamps & clamping hardware, the following tables have been provided. The clamp assembly eliminates the need for drilling the flat bar and is used in indoor and outdoor applications.







One Clamp Half					
Bar Clamp	Bus Bar		"J"		
Catalog Number	Run 'A'	Tap 'AA'	Bolt Dia.	L	W
HFB33P1	3.00	3.00	3/8	4.38	4.38
HFB44P1	4.00	4.00	1/2	5.75	5.75
HFB63P1	6.00	3.00	1/2	7.75	4.75
HFB66P1	6.00	6.00	5/8	8.12	8.12
HFB88P1	8.00	8.00	3/4	10.50	10.50

Copper Bus Bar Width (Inches)		Bar Clamp Assembly Components †							
		Bar Clamp		Silicon Bronze Clamping Hardware					
				Bolts**		Nuts		Split Lockwashers	
Run-A	Tap-AA	Qty.	Cat. No.	Qty.	Cat. No.	Qty.	Cat. No.	Qty.	Cat. No.
3	3	2	HFB33P1	4	38 X (*) HEB	4	38CHEN	4	38SW
4	4	2	HFB44P1	4	50 X (*) HEB	4	50CHEN	4	50SW
6	3	2	HFB63P1	4	50 X (*) HEB	4	50CHEN	4	50SW
6	6	2	HFB66P1	4	62 X (*) HEB	4	62CHEN	4	62SW
8	8	2	HFB88P1	4	75 X (*) HEB	4	75CHEN	4	75SW

† Ordered separately from BURNDY®.
* Z = Space between the bar clamp contact surfaces.
* *See table below when ordering assembly clamping bolts to specify correct bolt length in Cat. #.

Bolt Length**									
Clamp Number	'J' Bolt Dia.	When Z=1.25*	When Z=1.50*	When Z=1.75*	When Z=2.00*	When Z=2.25*	When Z=2.50*	When Z=2.75*	When Z=3.00*
HFB33P1	3/8″(-16)	3.00	3.25	3.50	4.00	4.00	4.50	4.50	5.00
HFB44P1	1/2″(-13)	3.25	3.50	3.75	4.00	4.50	4.50	5.00	5.00
HFB63P1	1/2″(-13)	3.25	3.50	3.75	4.00	4.50	4.50	5.00	5.00
HFB66P1	5/8″(-11)	3.50	4.00	4.00	4.50	4.50	5.00	5.00	6.00
HFB88P1	3/4″(-10)	3.75	4.00	4.50	4.50	5.00	5.00	5.50	5.50

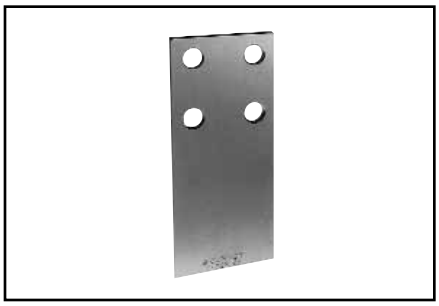
Blue highlighted items are industry standard and most frequently ordered.

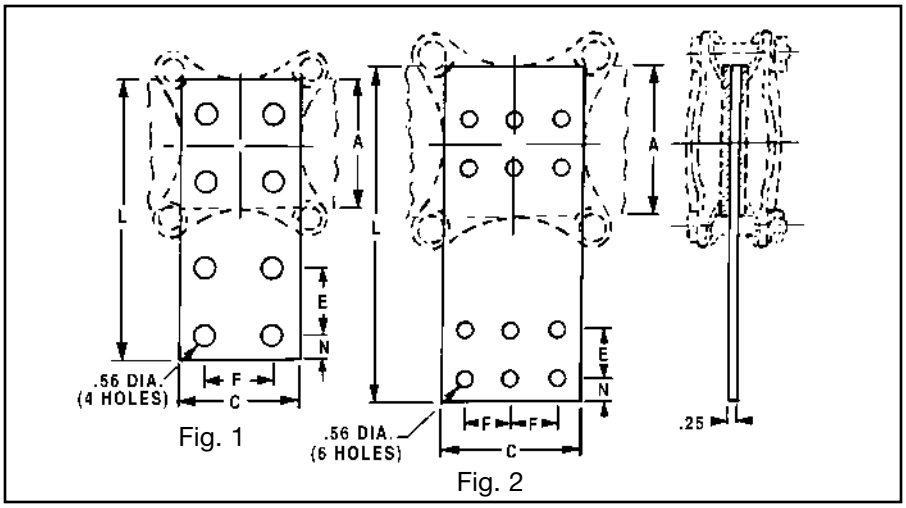
TYPE HFB-N

BAR CLAMP
TAP PAD ADAPTER

For Copper Bar

High conductivity copper, tap pad adapter provides a NEMA drilled contact pad when assembled to the HFB-P1 clamps. Tap connections can be made from copper bus bar(s) without drilling by bolting standard mechanical or compression terminal pads directly to the pre-drilled tap pad adapter.





Catalog Number	Fig. No.	A-C	E & F	L	N	❶ Use With 'H' Clamp Cat. No.
HFB33-4N	1	3.00	1.75	7.00	.62	**HFB33P1**
HFB44-4N	1	4.00	1.75	9.12	1.12	**HFB44P1**
HFB66-6N	2	6.00	1.75	11.31	1.12	**HFB66P1**

❶ 'H' Clamp (two required per assembly) and hardware (as shown) not included with bar clamp tap pad, order separately.

L-21

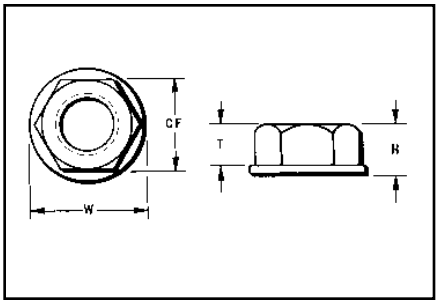
TYPE FN

CONTACT NUT

Flat to Stud

High copper alloy contact nut for joining bar or terminal pads to studs. Designed to carry full current load from flat to stud.





Catalog Number Type FN	Stud Dia. and Threads per Inch	CF (Cross Flats)	H	T	W
FN62T16	3/8 - 16	3/4	3/8	5/16	7/8
FN63T13	1/2 - 13	1	15/32	3/8	1-1/4
FN64T16	3/4 - 16	1-1/4	3/4	9/16	1-1/2
FN655T12	1-1/8 - 12	1-3/4	1	3/4	2-1/8
FN66T14	1-1/4 - 14	2	1-1/8	7/8	2-3/8
FN67T12	1-1/2 - 12	2-3/8			2-3/4

Blue highlighted items are industry standard and most frequently ordered.

ALUMINUM INTRODUCTION

CONNECTORS FOR ALUMINUM CONDUCTORS

Bolted aluminum connectors are cast of aluminum alloy and assembled with aluminum alloy bolts, nuts and galvanized steel washers. The hex head bolts are captured for one-wrench installation. The connectors accommodate aluminum or copper conductor. The “mass anode” design pioneered by BURNDY® minimizes the effect of galvanic corrosion on aluminum (anode+) connectors when used with copper (cathode –) conductor (Reference Fig. 1).

Joint deterioration caused by relaxation or “cold flow” of the aluminum is eliminated by the massive design. Generous contact areas distribute clamping forces evenly over the conductor, eliminating points of high stress that cause “cold flow.” These contact areas are factory treated to remove surface oxides and coated with an oxide inhibitor to prevent their reformation. Large radiating surfaces allow the connectors to run cooler than the copper conductor compensating for the fact that aluminum has a higher coefficient of thermal expansion. Connector and conductor expand and contract together during load cycles, eliminating stresses on the aluminum body that can cause relaxation of the joint.

CONNECTOR SELECTION

Generally, copper connectors are recommended for copper conductor and aluminum connectors for aluminum conductor. Where aluminum connectors are recommended for use on both aluminum and copper conductors, the copper must be positioned parallel to or below the aluminum to prevent contamination of the aluminum by copper salts washed down by rain.

Except where indicated, all rigid connectors accept standard or extra heavy I.P.S. and all flexible connectors standard I.P.S. If extra heavy I.P.S. is to be used with a flexible joint, it must be spelled out at the time of ordering so that the proper cross sectional area of the flexible element may be supplied for the increased conductor rating.

CONDUCTOR PREPARATION

To obtain optimum performance from any connector, the conductor surface must be thoroughly cleaned before installation. The surface oxides that form on all conductors act as insulation. Failure to remove them can result in high resistance joint and, ultimately, failure.

Conductor contact surfaces should be scratch brushed until bright and shiny. Aluminum conductor (new or old) should be coated with BURNDY® PENETROX™ after scratch brushing. PENETROX™ is a joint compound that aids in the establishment of low resistance joints and prevents aluminum oxides from reforming.

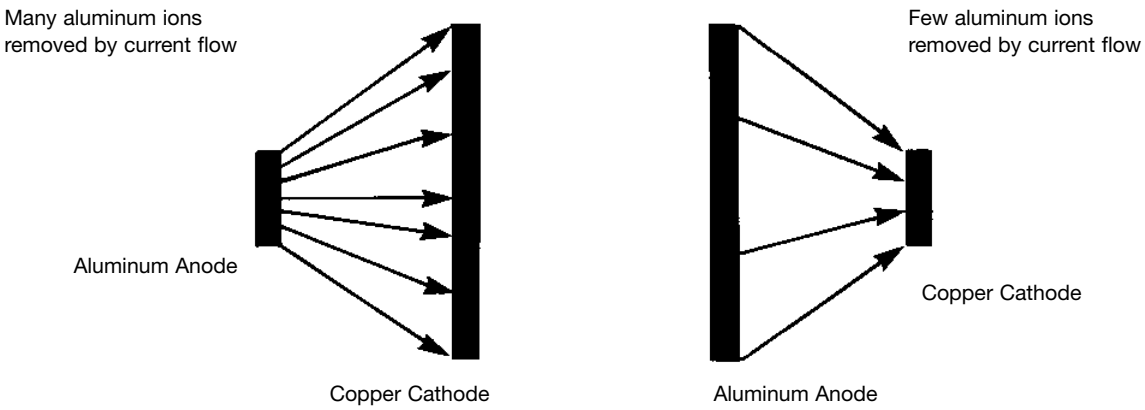


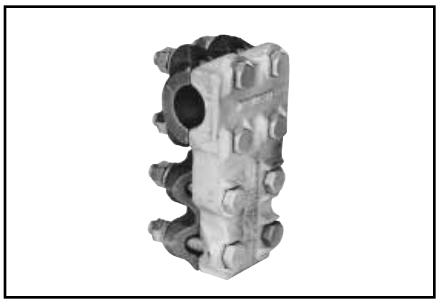
Fig. 1

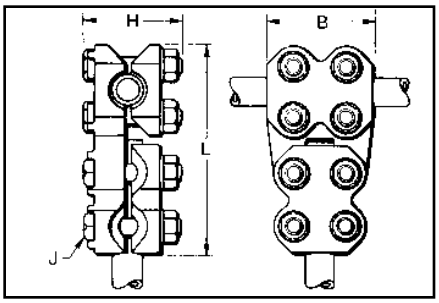
TYPE NNT-A

T-CONNECTOR

For Aluminum and Copper Tube to Tube

Aluminum alloy T-Connector for tubing run and tap. Properly proportioned to permit use on copper-aluminum conductor combinations. Captured hex head bolts permit one-wrench installation. PENETROX™ joint compound recommended on contact surfaces.





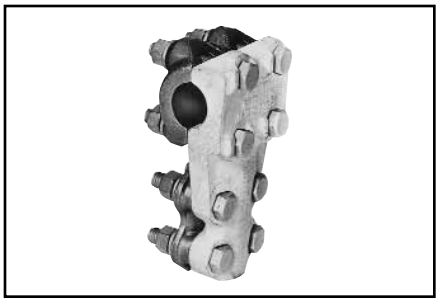
Catalog Number	Conductor		B	H	J	L
	Run	Tap				
NNT15A15A	1	1	3-1/2	3-3/8	1/2	6-7/8
NNT16A16A	1-1/4	1-1/4	3-3/4	3-3/8	1/2	7-/12
NNT17A17A	1-1/2	1-1/2	4	3-7/8	1/2	7-7/8
NNT18A18A	2	2	4-1/4	4-1/2	5/8	9
NNT19A19A	2-1/2	2-1/2	4-/12	5	5/8	9
NNT20A20A	3	3	5	5	5/8	11
NNT21A20A	3-1/2	3	5-1/2	5-5/8	5/8	11-5/8
NNT22A22A	4	4	6	6-1/4	5/8	12-5/8

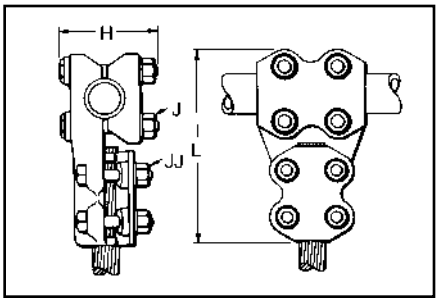
TYPE NNTR-A

T-CONNECTOR

For Aluminum and Copper Tube to Cable

Aluminum alloy T-Connector for tube run, range of cable tap. Properly proportioned to permit use on copper-aluminum combinations. One-wrench installation. PENETROX™ joint compound recommended on contact surfaces.





Catalog Number	Conductor Tap			H	J	JJ	L
	Run	Alum. or Cu.	ACSR				
NNTR14A29A	3/4	1/0 Str. - 250	1/0 (6-1) - 4/0 (6-1)	3-1/8	1/2	1/2	5-7/8
NNTR14A36A	3/4	350 - 600	336.4 (18-1) - 477 (30-7)	3-1/8			6-3/8
NNTR15A36A	1	350 - 600	336.4 (18-1) - 477 (30-7)	3-3/8			6-5/8
NNTR15A42A	1	600 - 900	477 (30-7) - 795 (54-7)	3-3/8			6-7/8
NNTR16A29A	1-1/4	1/0 Str. - 250	1/0 (6-1) - 4/0 (6-1)	3-3-/8			6-1/2
NNTR16A32A	1-1/4	250 - 400	4/0 (6-1) - 397.5 (18-1)	3-3/8			6-3/4
NNTR16A42A	1-1/4	600 - 900	477 (30-7) - 795 (54-7)	3-7/8			7-1/4
NNTR17A29A	1-1/2	1/0 Str. - 250	1/0 (6-1) - 4/0 (6-1)	3-7/8			6-3/4
NNTR18A29A	2	1/0 Str. - 250	1/0 (6-1) - 4/0 (6-1)	4-1/2			7-5/8
NNTR19A42A	2-1/2	600 - 900	477 (30-7) - 795 (54-7)	4-5/8			8-7/8
NNTR20A32A	3	250 - 400	4/0 (6-1) - 397.5 (18-1)	5			9
NNTR22A46A	4	1250 - 1600	1113 (54-9) - 1431 (45-7)				9-1/4

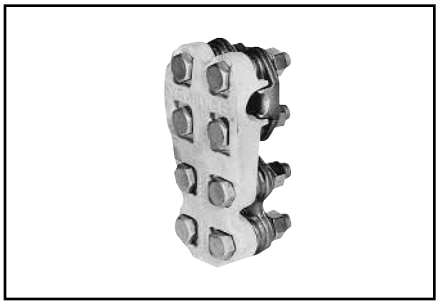
Blue highlighted items are industry standard and most frequently ordered.

TYPE NNTR-A

T-CONNECTOR

For Aluminum and Copper Cable to Cable

Aluminum alloy T-Connector for a range of copper, aluminum and ACSR cable on run and tap. Properly proportioned to permit use on copper-aluminum conductor combinations. One-wrench installation. PENETROX™ joint compound recommended on contact surfaces.



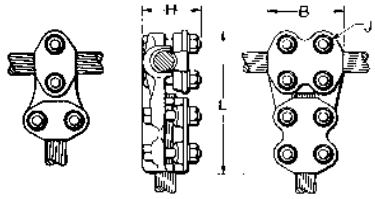


Fig. 1 Fig. 2

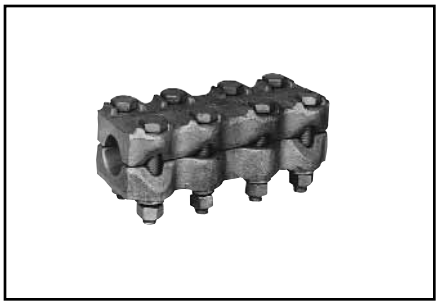
Catalog Number	Conductor				Fig. No.	B	H	J	L
	Run		Tap						
	Alum. or Copper	ACSR	Alum. or Copper	ACSR					
NNTR29A29A	1/0 Str. - 250	1/0 (6-1) - 4/0 (6-1)	1/0 Str. - 250	1/0 (6-1) - 4/0 (6-1)	2	2-3/4	2-5/8	1/2	5-5/8
NNTR32A25A	250 - 400	4/0 (6-1) - 397.5 (18.1)	4 Str. - 1/0 Str.	4 (6-1) - 1/0 (6-1)	1	1-7/8	2-5/8		4-7/8
NNTR32A32A	250 - 400	4/0 (6-1) - 397.5 (18-1)	250 - 400	4/0 (6-1) - 397.5 (18-1)	2	3	2-5/8		6
NNTR36A29A	350 - 600	336.4 (18-1) - 477 (30-7)	1/0 Str. - 250	1/0 (6-1) - 4/0 (6-1)	2	3-1/4	2-5/8		5-7/8
NNTR36A36A	350 - 600	336.4 (18-1) - 477 (30-7)	350 - 600	336.4 (18-1) - 477 (30-7)	2	3-1/4	2-5/8		6-3/8
NNTR42A32A	600 - 900	477 (30-7) - 795 (54-7)	250 - 400	4/0 (6-1) - 397.5 (18-1)	2	3-1/2	3-1/8		6-3/8
NNTR42A36A	600 - 900	477 (30-7) - 795 (54-7)	350 - 600	336.4 (18-1) - 477 (30-7)	2	3-1/2	3-1/8		6-5/8
NNTR42A42A	600 - 900	477 (30-7) - 795 (54-7)	600 - 900	477 (30-7) - 795 (54-7)	2	3-1/2	3-1/8		6-7/8
NNTR45A45A	900 - 1250	715.5 (30-19) - 1113 (54-19)	900 - 1250	715.5 (30-19) - 1113 (54-19)	2	3-3/4	3-1/4		7-3/8
NNTR46A42A	1250 - 1600	1113 (54-19) - 1431 (45-7)	600 - 900	477 (30-7) - 795 (54-7)	2	3-3/4	3-1/2		7-1/4
NNTR46A46A	1250 - 1600	1113 (54-19) - 1431 (45-7)	1250 - 1600	1113 (54-19) - 1431 (45-7)	2	4-3/8	3-3/4	5/8	8-3/8
NNTR48A48A	1500 - 2000	1272 (54-19) - 1780 (84-19)	1500 - 2000	1272 (54-19) - 1780 (84-19)	2	4-3/8	3-7/8	5/8	8-5/8

TYPE NS-A

COUPLER

For Aluminum and Copper Tube to Tube

Aluminum alloy coupler for joining equal sizes of tube end to end. Properly proportioned to permit use on aluminum-copper conductor combinations. One-wrench installation. PENETROX™ joint compound recommended on contact surfaces.



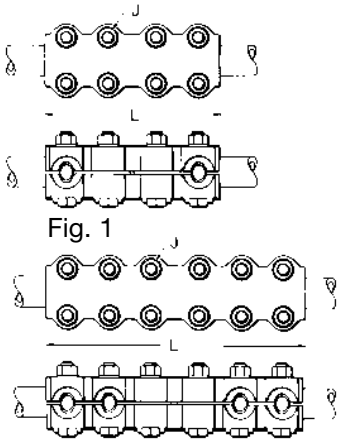


Fig. 1

Fig. 2

Catalog Number	Conductor I.P.S.	Fig. No.	J	L
NS14A14A	3/4	1	1/2	6-3/4
NS15A15A	1			7-1/4
NS17A17A	1-1/2			8-1/4
NS18A18A	2		5/8	8-3/4
NS19A19A	2-1/2			9-1/4
NS20A20A	3			10-1/4
NS21A21A	3-1/2			11-1/4
NS22A22A	4			12-1/4
NS24A24A	5	2		14-1/4

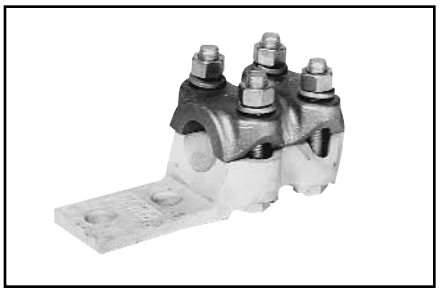
Blue highlighted items are industry standard and most frequently ordered.

TYPE NA-A

TERMINAL

For Aluminum and Copper Tube to Flat

Aluminum alloy terminal for joining copper or aluminum tube to copper or aluminum pad. Properly proportioned to minimize conductor corrosion due to galvanic action. Drilling in pad conforms to NEMA standards. One-wrench installation. PENETROX™ joint compound recommended on contact surfaces.



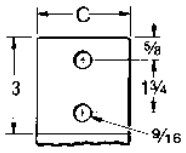


Fig. 2

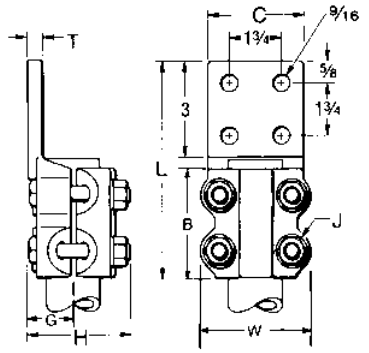


Fig. 1

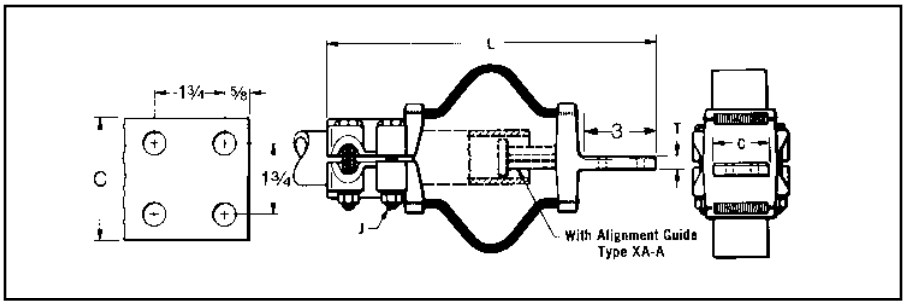
Catalog Number	Conductor	Fig. No.	B	C	G	H	J	L	T	W
NA15A-2N	1	2	3-1/2	1-7/8	1.50	3-3/8	1/2	6-3/4	3/8	3-1/16
NA15A-4N	1	1	3-1/2	3	1.50	3-3/8	1/2	6-3/4	3/8	3-1/16
NA16A-4N	1-1/4	1	3-3/4	3	1.60	3-3/8	1/2	7	1/2	3-7/16
NA17A-2N	1-1/2	2	4	2-1/2	1.76	3-7/8	1/2	7-1/2	1/2	3-11/16
NA17A-4N	1-1/2	1	4	3	1.76	3-7/8	1/2	7-1/2	1/2	3-11/16
NA18A-2N	2	2	4-1/4	2-3/4	2.05	4-1/2	5/8	7-1/2	1/2	4-1/2
NA18A-4N	2	1	4-1/4	3-1/8	2.05	4-1/2	5/8	7-1/2	1/2	4-1/2
NA19A-4N	2-1/2	1	4-1/2	3-3/4	2.19	5	5/8	7-3/4	3/4	5
NA20A-4N	3	1	5	4-3/8	2.43	5-1/2	5/8	8-3/8	3/4	5-5/8
NA22A-4N	4	1	6	5-1/4	2.94	6-1/4	5/8	9-3/8	7/8	6-5/8

TYPE XA-A

EXPANSION TERMINAL

For Aluminum and Copper Tube to Flat

Aluminum alloy expansion connector for joining tube to copper or aluminum bar or equipment pads. Flexible aluminum straps allow longitudinal or lateral movement and carries full current load of the joint. PENETROX™ joint compound recommended on contact surfaces. Pad contact surface is on centerline of conductor.



Catalog Number* Standard I.P.S. (Schedule 40) With Guide	Conductor	C	J	L	T
XA15A-4N	1	3	1/2	12-3/4	3/8
XA16A-4N	1-1/4	3		13-5/8	1/2
XA18A-4N	2	3	5/8	15-1/2	1/2
XA19A-4N	2-1/2	3-3/4		17	5/8
XA20A-4N	3	4-3/8		18-5/8	5/8
XA21A-4N	3-1/2	4-3/4		20	7/8
XA22A-4N	4	5-1/4		21	7/8
XA24A-4N	5	6-1/2		24-1/8	7/8

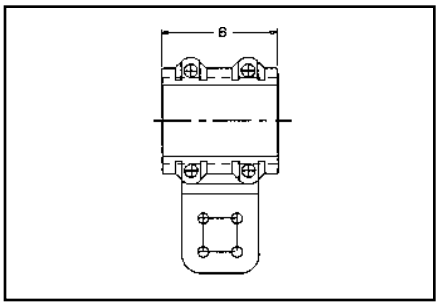
* Conforms to 4-hole NEMA mounting standards.

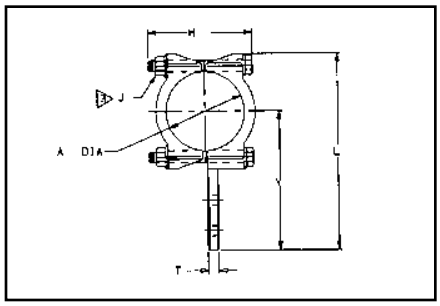
Blue highlighted items are industry standard and most frequently ordered.

TYPE NBC-A

BARTAP™

Aluminum alloy bolted type terminal for joining aluminum tube to copper or aluminum pads. Drilling in pad conforms to NEMA Standards. PENETROX™ joint compound recommended on contact surfaces.





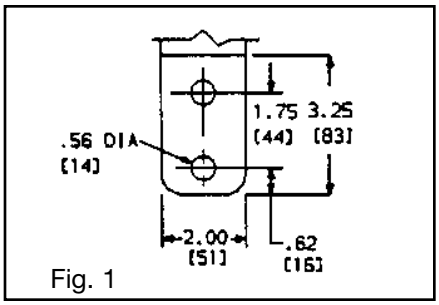


Fig. 1

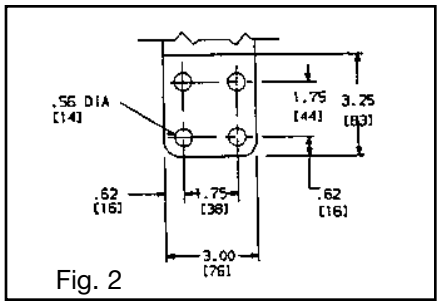


Fig. 2

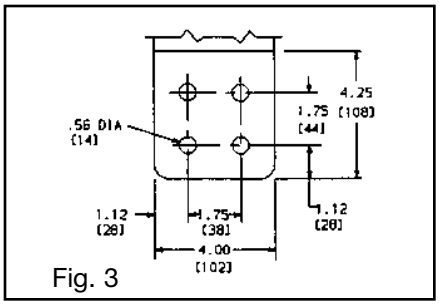
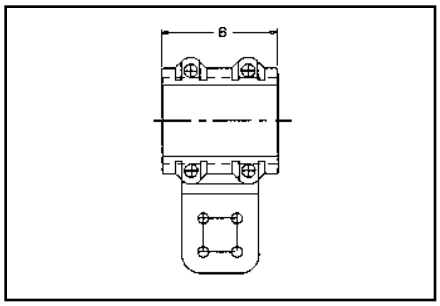


Fig. 3

TYPE NBC-A
(Continued)



Conductor Aluminum		Catalog Number	Fig. No.	Dimensions In. [mm]					
IPS/EHPS	A			B	H	J	L	T	Y
1”	1.32 [33]	**NBC15A-2N**	1	3.50 [89]	3.00 [76]	1/2 - 13	6.81 [173]	.38 [10]	5.28 [134]
		NBC15A-34N	2						
1-1/4”	1.66 [42]	**NBC16A-2N**	1	3.75 [95]	3.25 [76]	1/2 - 13	7.15 [182]	.38 [10]	5.45 [138]
		NBC16A-34N	2	3.75 [95]	3.25 [76]	1/2 - 13	7.15 [182]	.38 [10]	5.45 [138]
		NBC16A-44N	3	3.75 [95]	3.25 [76]	1/2 - 13	8.15 [207]	.38 [10]	6.45 [164]
1-1/2”	1.90 [48]	**NBC17A-2N**	1	4.00 [102]	3.50 [89]	1/2 - 13	7.39 [188]	.38 [10]	5.57 [141]
		NBC17A-34N	2	4.00 [102]	3.50 [89]	1/2 - 13	7.39 [188]	.38 [10]	5.57 [141]
		NBC17A-44N	3	4.00 [102]	3.50 [89]	1/2 - 13	8.39 [213]	.38 [10]	6.57 [167]
2”	2.38 [42]	**NBC18A-2N**	1	4.25 [108]	4.00 [76]	5/8 - 11	8.25 [210]	.38 [10]	6.00 [152]
		NBC18A-34N	2	4.25 [108]	4.00 [76]	5/8 - 11	8.25 [210]	.38 [10]	6.00 [152]
		NBC18A-44N	3	4.25 [108]	4.00 [76]	5/8 - 11	9.25 [135]	.38 [10]	7.00 [178]
2-1/2”	2.88 [73]	**NBC19A-34N**	2	4.50 [114]	4.50 [114]	5/8 - 11	8.75 [222]	.50 [13]	6.25 [159]
		NBC19A-44N	3	4.50 [114]	4.50 [114]	5/8 - 11	9.75 [248]	.50 [13]	7.25 [184]
3”	3.00 [76]	**NBC20A-34N**	2	5.00 [127]	4.50 [114]	5/8 - 11	9.37 [238]	.50 [13]	6.56 [167]
		NBC20A-44N	3	5.00 [127]	4.50 [114]	5/8 - 11	10.37 [263]	.50 [13]	7.56 [192]
3-1/2”	4.50 [33]	**NBC21A-44N**	3	5.50 [140]	5.00 [127]	5/8 - 11	10.89 [277]	.62 [16]	7.82 [199]
4”	4.50 [114]	**NBC22A-34N**	2	6.00 [152]	5.50 [140]	5/8 - 11	10.37 [263]	.62 [16]	7.06 [179]
		NBC22A-44N	3	6.00 [152]	5.50 [140]	5/8 - 11	11.37 [289]	.62 [16]	8.06 [205]
5”	5.56 [141]	**NBC24A-34N**	2	7.00 [178]	6.00 [152]	5/8 - 11	12.45 [316]	.62 [16]	8.60 [218]
6”	6.62 [168]	**NBC86A-44N**	3	8.00 [203]	7.25 [184]	5/8 - 11	13.51 [343]	.75 [19]	9.13 [232]

NOTES:
1. Materials:
   Connector: Cast Aluminum Alloy
   Hardware: Aluminum Alloy
2. Scratch brush connector contact, surface dry then apply an oxide inhibitor, “PENETROX™ A”. “PENETROX™ A” can be purchased from BURNDY® in cans or plastic squeeze bottles.
3. Recommended Tightening Torque:
   1/2-13 300 Inch Pounds
   5/8-11 480 Inch Pounds
4. All dimensions in brackets [ ] are in millimeters.

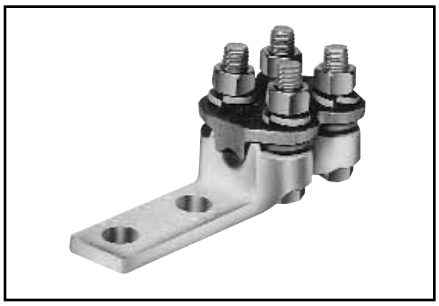
Blue highlighted items are industry standard and most frequently ordered.

TYPE NAR-A

TERMINAL

For Aluminum and Copper Cable to Flat

Aluminum alloy terminal for joining a wide range of copper or aluminum cable to copper or aluminum pad. Properly proportioned to minimize conductor corrosion due to galvanic action. Drilling in pad conforms to NEMA standards. One-wrench installation. PENETROX™ A joint compound recommended on contact surfaces.



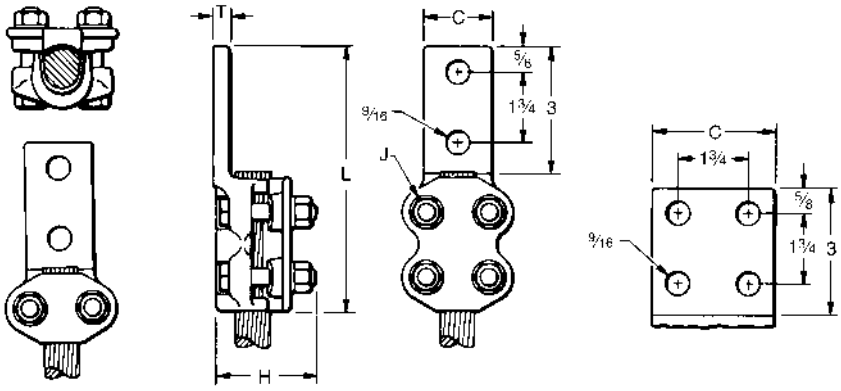


Fig. 1 Fig. 2 Fig. 2A

Catalog Number	Conductor		No. of Holes in Pad	Fig. No.	C	H	J	L	T
	Alum. or Copper	ACSR							
NAR25A-2N	4 Str. - 1/0 Str.	4 (6-1) - 1/0 (6-1)	2 NEMA	1	1-1/4	2-3/8	1/2	5-1/4	5/16
NAR29A-2N*	1/0 Str. - 250	1.0 (6-1) - 4/0 (6-1)		2	1-5/8	2-7/8		6-1/8	
NAR29A-4N*			4 NEMA	2A	3	2-3/4			
NAR32A-2N	250 - 400	4/0 (6-1) - 397.5 (18-1)	2 NEMA	2	1-5/8	2-7/8		6-3/8	3/8
NAR32A-4N			4 NEMA	2A	3				
NAR36A-2N	350 - 600	336.4 (18-1) - 477 (30-7)	2 NEMA	2	1-3/4			6-5/8	
NAR36A-4N*			4 NEMA	2A	3				
NAR42A-2N**	600 - 900	477 (30-7) - 795 (54-7)	2 NEMA	2	2	3-3/8		6-7/8	1/2
NAR42A-4N*			4 NEMA	2A	3				
NAR45A-2N	900 - 1250	715 (30-19) - 1113 (54-19)	2 NEMA	2	2-5/8			7-1/8	
NAR45A-4N			4 NEMA	2A	3				
NAR46A-2N	1250 - 1600	1113 (54-19) - 1431 (54-7)	2 NEMA	2	2-3/4	3-3/4	5/8	7-3/4	5/8
NAR46A-4N*			4 NEMA	2A	3				
NAR48A-2N	1500 - 2000	1272 (54-19) - 1780 (84-19)	2 NEMA	2	2-3/4	4		7-7/8	3/4
NAR48A-4N			4 NEMA	2A	3				

* Available with 90 degree pad as shown (example: NAR36A-4N90).

** Available with 45 degree pad as shown (example: NAR42A-2N45).

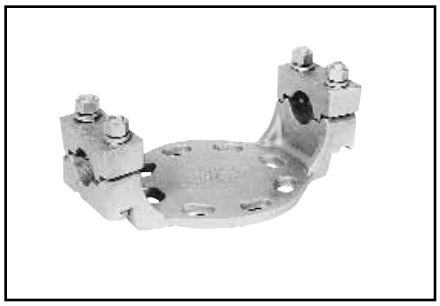
Blue highlighted items are industry standard and most frequently ordered.

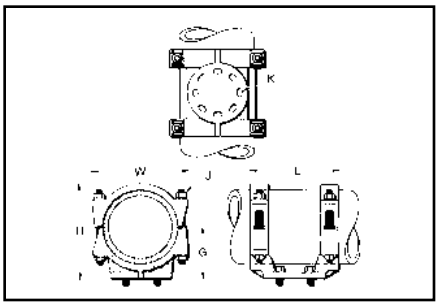
TYPE UHG-A

BUS SUPPORT

For Aluminum and Copper Tube

Aluminum alloy bus support for mounting tube on post or pedestal insulators. Properly proportioned to minimize conductor corrosion due to galvanic action. Rotate caps 180° for slip or rigid fit. One-wrench installation. Supplied with hardware for mounting to cap of insulator. Specify base mounting hardware, if required, by adding suffix "-B" to Catalog Number. For static clips add "-CH" to Catalog Number.





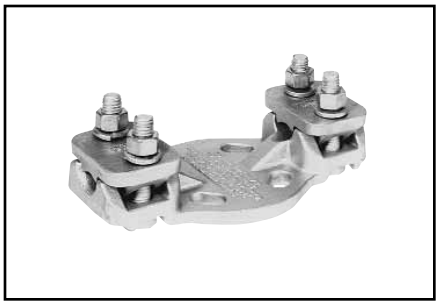
Catalog Number	Conductor	Bolt Circle	G	H	J	K	L	W
UHG14A-3	3/4	3	2	3-1/2	1/2	9/16	7-1/2	3
UHG15A-3	1	3	2	3-5/8		9/16	7-1/2	3-1/8
UHG15A-5		5	2-1/4			11/16	9-7/8	
UHG17A-3	1-1/2	3	2-1/2	4-1/8		9/16	7-3/4	3-3/4
UHG17A-5		5				11/16	10-1/8	
UHG18A-3	2	3	2-3/4	5-1/4		9/16	7-3/4	4-1/8
UHG18A-5		5		4-5/8		11/16	10-1/8	
UHG19A-3	2-1/2	3	3-1/8	5-1/4		9/16	7-3/4	4-5/8
UHG20A-3	3	3	3-5/8	6-1/8	5/8	9/16	8-1/4	5-5/8
UHG20A-5		5				11/16	10-5/8	
UHG21A-3	3-1/2	3	4	6-3/4		9/16	8-1/4	6-1/4
UHG22A-5	4	5	4-1/2	7-1/2		11/16	10-5/8	6-5/8
UHG24A-3	5	3	5-1/4	8-7/8		9/16	8-3/4	7-3/4
UHG24A-5		5				11/16	11-5/8	

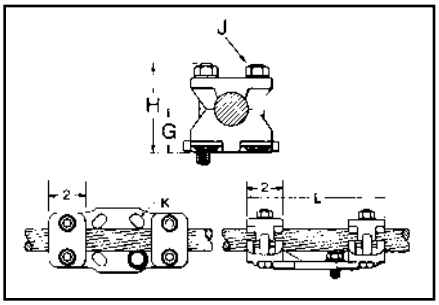
TYPE UHKR-A

BUS SUPPORT

For Aluminum Cable or Tube

Aluminum alloy bus support for mounting a wide range of cable or tube on post or pedestal type insulators. Supplied with hardware for mounting to cap of insulator. Specify base mounting hardware, if required, by adding suffix "-B" to Catalog Number.





Catalog Number	Conductor		Bolt Circle	G *	H	J	K	L
	Cable		Tube					
	Aluminum	ACSR	Sch. 40/80					
UHKR11A-3	4 Sol. - 4/0 Str.	6 (6-1) - 4/0 (6-1)	1/4	3	1-1/8	2-5/8		9/16	7-5/8
UHKR11A-5				5				11/16	9-1/2
UHKR13A-3	250 - 550	266.8 (6-7) - 477 (30-7)	3/8 - 1/2	3	1-3/8	2-7/8	1/2	9/16	7-5/8
UHKR13A-5				5				11/16	8-7/8
UHKR14A-3	600 - 1113	556.5 (26-7) - 1033.5 (54-7)	3/4	3	1-3/4	3-5/8		9/16	7-5/8
UHKR14A-5				5	1-1/2	3-3/8		11/16	9-1/8
UHKR16A-3	1000 - 2000	1113 (54-19) - 1780 (84-19)	1 - 1-1/4	3	1-31/32	4-1/16	1/2	9/16	7-9/16
UHKR16A-5				5	1-13/16	3-7/8		11/16	9-1/4

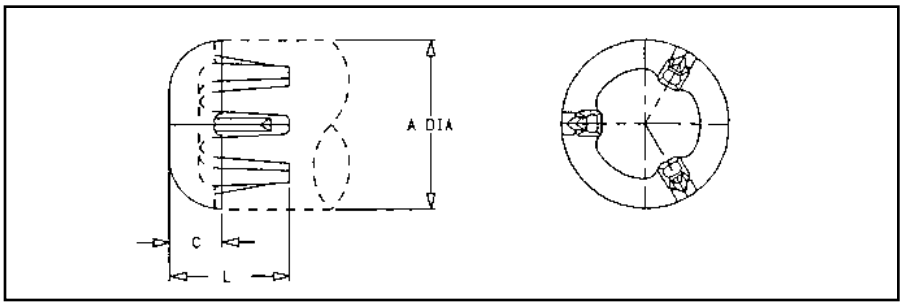
* With maximum conductor in place.

Blue highlighted items are industry standard and most frequently ordered.

TYPE LB-A

END CAP

Aluminum alloy end cap for aluminum tube. Driven into place for a secure fit. Seals out moisture, reduces electrostatic loss and eliminates hazards created by nesting birds.



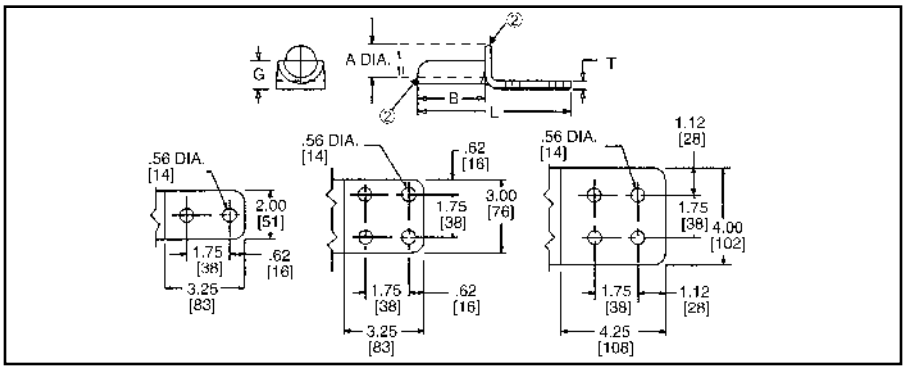
Conductor Aluminum Pipe Size	Dimensions In./[mm]			Catalog Number	
	A	C	L	Schd. 40	Schd. 80
1/2″	.84 [21]	.38 [9.7]	1.25 [32]	LB13A	LB53A
3/4″	1.05 [27]	.50 [13]	1.37 [35]	LB14A	LB54A
1″	1.32 [34]	.50 [13]	1.43 [36]	LB15A	LB55A
1-1/4″	1.66 [42]	.50 [13]	1.43 [36]	LB16A	LB56A
1-1/2″	1.90 [48]	.50 [13]	1.45 [37]	LB17A	LB57A
2″	2.38 [60]	.88 [22]	1.85 [47]	LB18A	LB58A
2-1/2″	2.88 [73]	.88 [22]	2.01 [51]	LB19A	LB59A
3″	3.50 [89]	.88 [22]	2.10 [53]	LB20A	LB90A
3-1/2″	4.00 [102]	.88 [22]	2.15 [55]	LB21A	LB91A
4″	4.50 [114]	.88 [22]	2.22 [56]	LB22A	LB92A
5″	5.56 [141]	.88 [22]	2.34 [59]	LB24A	LB94A
6″	6.63 [168]	.88 [22]	2.46 [62]	LB86A	LB96A

NOTES:
1. Material: Cast Aluminum Alloy.
2. Dimensions in brackets [ ] are in millimeters.

TYPE WAS-A

TERMINAL CONNECTOR

Aluminum alloy weld type terminal for joining aluminum tube to copper or aluminum pads. Drilling in pad conforms to NEMA standards. PENETROX™ joint compound recommended on pad contact surfaces.



Conductor Aluminum		Catalog Number	Dimensions In./[mm]			
Sch. 40/Sch. 80	A		B	G	L	T
3/4″	1.05 [27]	WAS14A-2N	2.50 [64]	1.50 [38]	6.50 [165]	.38 [9.7]
1″	1.32 [34]	WAS15A-2N	2.75 [70]	1.19 [30]	6.75 [171]	.38 [9.7]
		WAS15A-34N	2.75 [70]	1.19 [30]	6.75 [171]	.38 [9.7]
1-1/4″	1.66 [42]	WAS16A-2N	3.00 [76]	1.38 [35]	7.00 [178]	.38 [9.7]
		WAS16A-34N	3.00 [76]	1.38 [35]	7.00 [178]	.38 [9.7]
1-1/2″	1.90 [48]	WAS17A-2N	3.25 [83]	1.50 [38]	7.25 [184]	.44 [11]
		WAS17A-34N	3.25 [83]	1.50 [38]	7.25 [184]	.38 [9.7]
2″	2.38 [60]	WAS18A-2N	3.50 [89]	1.75 [44]	7.50 [19]	.44 [11]
		WAS18A-34N	3.50 [89]	1.75 [44]	7.50 [19]	.38 [10]
		WAS18A-44N	3.63 [92]	1.75 [44]	8.62 [219]	.50 [13]
2-1/2″	2.88 [73]	WAS19A-2N	3.63 [92]	2.00 [51]	7.87 [200]	.56 [14]
		WAS19A-34N	3.63 [92]	2.00 [51]	7.87 [200]	.56 [14]
		WAS19A-44N	3.63 [92]	2.00 [51]	8.87 [225]	.50 [13]
3″	3.50 [89]	WAS20A-2N	3.67 [93]	2.38 [60]	8.25 [21]	.69 [18]
		WAS20A-34N	3.75 [95]	2.38 [60]	8.25 [21]	.62 [16]
		WAS20A-44N	3.75 [95]	2.38 [60]	9.25 [235]	.62 [16]
3-1/2″	4.00 [102]	WSA21A-34N	4.25 [108]	2.62 [67]	8.50 [216]	.62 [16]
		WAS21A-44N	4.25 [108]	2.62 [67]	9.50 [241]	.62 [16]
4″	4.50 [114]	WAS22A-44N	4.25 [108]	2.88 [73]	9.50 [241]	.75 [19]
5″	5.56 [141]	WAS24A-44N	4.25 [108]	3.62 [92]	9.50 [241]	.75 [19]
6″	6.63 [168]	WAS86A-44N	4.25 [108]	4.00 [102]	9.75 [248]	1.00 [25]

NOTES:

1 Material: Cast Aluminum Alloy.

¡ WELDING TO BE DONE BY THE CUSTOMER. For welding recommendation see drawing SD73608

3 After welding, scratch brush connector contact surface dry then apply an oxide inhibitor "PENETROX™ A". "PENETROX™ A" can be purchased from BURNDY® in cans or plastic squeeze bottles.

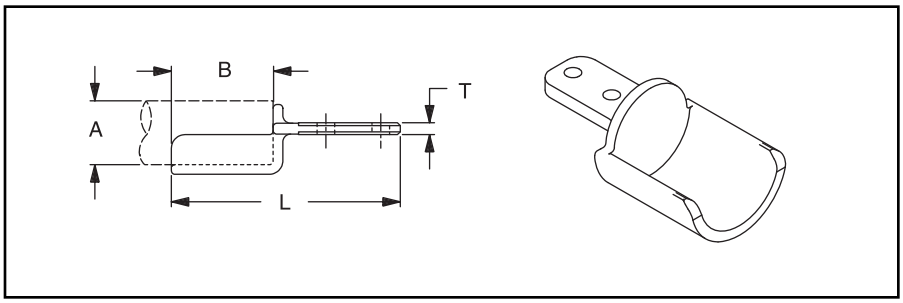
4 Dimensions in brackets [ ] are in millimeters.

5 Tongue finished on ONE SIDE ONLY (bottom). For tongue finished on both sides, add suffix letter "Q" to Catalog Number (example: WAS22A-44NQ).

TYPE WASC-A-N

CENTERFORMED WELDMENT TERMINAL

Aluminum alloy weldment terminal. Type WASC-A-N has one contact surface on the center line of the tube. Holes are NEMA spaced for terminating aluminum or copper mating pads. PENETROX™ joint compound recommended for use on contact surfaces.



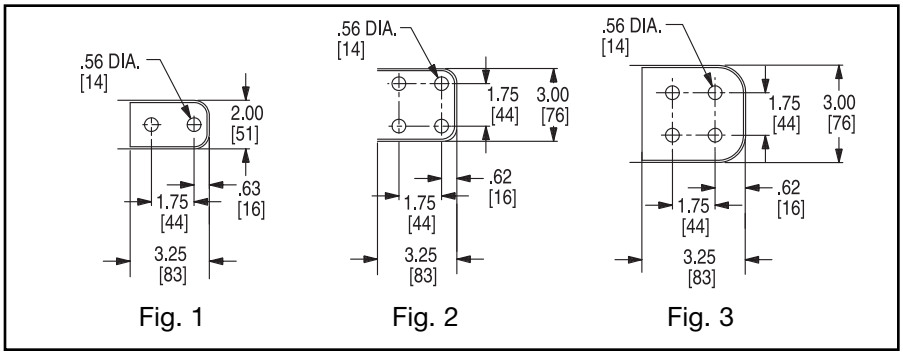


Fig. 1 Fig. 2 Fig. 3

Catalog Number	Aluminum Conductor		Fig. No.	Dimensioins Inches/[mm]		
	Schedule 40/80	A [mm]		B	L	T
WASC14A2N	3/4″	1.05 [27]	1	2.50 [64]	6.44 [164]	.22 [6]
WASC15A2N	1″	1.32 [33]	1	2.75 [70]	6.69 [170]	.38 [10]
WASC15A34N			2			
WASC16A2N	1-1/4″	1.66 [42]	1	3.00 [76]	7.00 [178]	.38 [10]
WASC16A34N			2			
WASC17A34N	1-1/2″	1.90 [48]	2	3.25 [83]	7.31 [186]	.44 [11]
WASC18A34N	2″	2.38 [60]	2	3.50 [90]	7.56 [192]	.50 [13]
WASC18A44N			3		8.56 [217]	
WASC19A2N	2-1/2″	2.88 [73]	1	3.75 [95]	7.88 [200]	.56 [14]
WASC19A34N			2			
WASC19A44N			3		8.88 [226]	
WASC20A2N	3″	3.50 [89]	1	4.00 [102]	8.13 [207]	.62 [16]
WASC20A34N			2			
WASC20A44N			3		9.13 [232]	
WASC21A2N	3-1/2″	4.00 [102]	1	4.25 [108]	8.38 [213]	
WASC21A34N			2			
WASC21A44N			3		9.38 [238]	
WASC22A2N	4″	4.50 [114]	1	4.25 [108]	8.38 [213]	.75 [19]
WASC22A34N			2			
WASC22A44N			3		9.38 [238]	
WASC24A34N	5″	5.56 [141]	2	4.25 [108]	8.50 [216]	.75 [19]
WASC24A44N			3		9.50 [241]	
WASC86A44N	6″	6.63 [168]	3	4.25 [108]	9.50 [241]	1.00 [25]

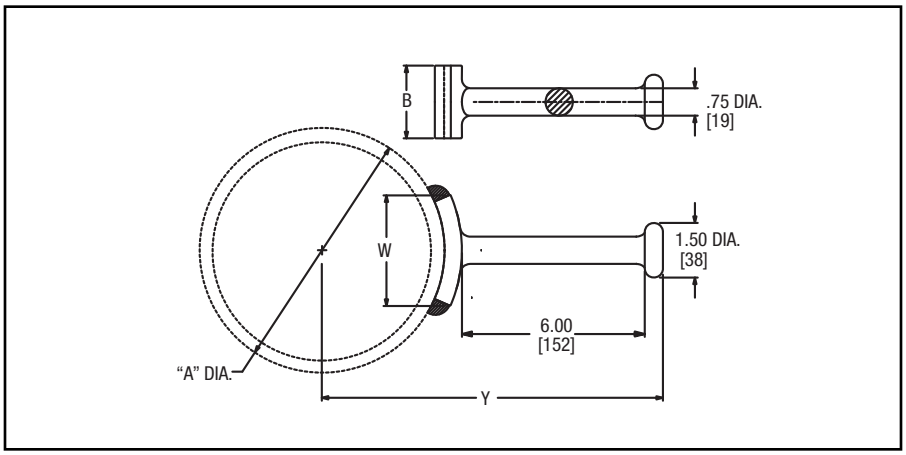
For tongue finished on both sides add suffix letter "Q" to Catalog Number (example: WASC14A2NQ).

Blue highlighted items are industry standard and most frequently ordered.

TYPE WG-A

WELDMENT GROUND STUD

Range-taking weldment stud for grounding Aluminum tube.



Catalog Number	Aluminum IPS	Dimensions Inches/[mm]			
		A	B	W	Y
WG19A	1″ - 2-1/2″	1.315 - 2.88 [33] - [73]	3.00 [76]	1.32 [34]	8.19 [208]
WG86A	3″ - 6″	3.50 - 6.62 [89] - [168]	2.00 [51]	3.06 [78]	10.31 [262]

Dimensions in brackets [ ] are in millimeters

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Introduction M-3
Nomogram M-4
Gradient Calibrator M-5
Formula Gradient M-6
Nomogram M-7
Interference & Contamination M-8

APPLICATION SELECTOR

TERMINALS



Straight Tubing
SWA-A-N
550 kV M-9



Straight Cable
SWA-A-N
550 kV M-10



Center Formed Tubing
SWAC-A-N
550 kV M-11



Expansion
SWXA-A-NK
345 kV M-12



Expansion
SWXA-A-N
550 kV M-13

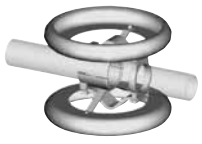
COUPLERS



Light Design
WSLB-A
550 kV M-14



Standard Design
WS-A
550 kV M-15



Expansion
SWXP-A-A
550 kV M-16

TEE CONNECTORS



Tap-off Pad
SWAB-A-N M-17



Standard T
SWT-A-A . . . . . M-18 - M-19



75 Degree T
SWT-A-A-75 . . . . . M-20



V Tap
SWAT-A-A-30 . . . . . M-21

BUS SUPPORTS



Rigid
SWOH-A
550 kV M-22



Rigid/Slip
SWHRH-A
550 kV M-23



Vertical
SWVH-A
550 kV M-24



Expansion
SWXHP-A
550 kV M-25

MISCELLANEOUS



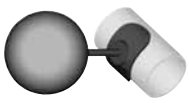
90 Degree Elbow
SWL-A
550 kV M-26



End Plug
WLB-A
550 kV M-27



Corona Bell
SCB-A
500 kV M-27



Ground Stud
SWCB-A
500 kV M-28

Blue highlighted items are industry standard and most frequently ordered.

TABLE OF CONTENTS (Continued)

MISCELLANEOUS (Continued)



Shielding Cap
(Two Piece)
STS-A-N
550 kV. M-29



Shielding Cap
(One Piece)
STS-A-NCG
550 kV. M-29

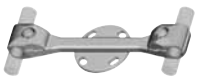
CABLE SPACERS (Two Conductor)



Single Bolt
Spacer
S2GBP-A
550 kV. . . . . M-30 - M-31



Single Bolt
Tap
S2GBPA-A
550 kV. . . . . M-30 - M-31



Single Bolt
Bus Support
SH2GBP-A
550 kV. . . . . M-30 - M-31



Two Bolt
Spacer
S2GBP-AB2
550 kV. . . . . M-32 - M-33



Two Bolt
Tap
S2GBPA-AB2
550 kV. . . . . M-32 - M-33



Two Bolt
Bus Support
SH2GBP-A-B2
550 kV. . . . . M-32 - M-33

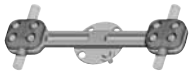
M-2



Four Bolt
Spacer
S2GBP-AB4
550 kV. . . . . M-34 - M-35



Four Bolt
Tap
S2GBPA-AB4
550 kV. . . . . M-34 - M-35



Four Bolt
Bus Support
SH2GBP-A-B4
550 kV. . . . . M-34 - M-35

CABLE SPACERS (Three Conductor)



Spacer
S3GBP-A
550 kV. M-36

BIFURCATING TERMINAL



Terminal
SF2A-NL-EX
550 kV. M-37

TRIFURCATING CONNECTORS



Coupler
SW3A-A44N8
550 kV. M-38



T-Tap
SW3AB-A44N8
550 kV. M-39



Terminal
SF3A44N8
550 kV. M-40

Blue highlighted items are industry standard and most frequently ordered.

INTRODUCTION

Connectors for use in EHV Substations must meet essentially the same electrical and mechanical requirements as those for other power connectors. However, operation at extra high voltages imposes an important additional requirement. They must not produce corona discharges that interfere with radio reception and cause energy loss.

Corona forms when the voltage gradient at the surface of a conducting material exceeds a critical value and ionizes the surrounding air. For conductors, the four basic factors that determine surface voltage gradient are distance from ground, conductor diameter, phase spacing and voltage.

In A.C. circuits, there are two basic kinds of corona. Negative corona forms during the negative half cycle, and positive corona during the positive half cycle. Negative corona generally appears as a glow on conventional conductors at about 20 kV rms/cm. Its amplitude is relatively low and causes no significant radio interference. Positive corona appears as a plume at above 30 kV rms/cm. Its amplitude is about 50 times higher than that for negative corona and is the major cause of radio interference.

BURNDY® EHV Connectors are designed so that under fair weather operating conditions, the voltage gradient at the connector surface will be at a level that will not cause corona and the resultant radio interference. (RIV)

BURNDY® DESIGN CRITERIA

Cable Connectors

For reasons of economy, EHV systems using stranded conductor are generally designed to operate at voltage gradients close to the negative corona onset level. It is essential, therefore, that connectors provide corona-free performance superior to that of the cable. So our design criterion calls for the voltage at which corona extinguishes from the connector to be higher than the voltage at which it extinguishes from the cable. This criterion is met by eliminating all projections and by providing smooth contours on all surfaces. On compression elements, the ends are especially critical. Carefully designed tapers are provided to keep the voltage gradient at a level lower than that on the conductor. Of course, it is still necessary during installation to smooth crimped elements.

On accessories, like spacers for bundled lines, the critical areas are those at the edges of the bundle. The bundle itself generally shields those parts that fall within it. Many projections that would cause corona on a single conductor line are quiet when they fall within the shielding influence of a bundle. However, those parts that fall at the edges are carefully finished at the factory to insure corona-free operation.

Tubular Bus Connectors

Station designers choose tubular bus sizes on the basis of mechanical rather than electrical requirements. For instance, stations that only need 4" IPS to meet electrical and corona requirements often have 6" IPS as main buses. The resultant voltage gradient on these buses is very low, perhaps only 10 kV rms/cm, well below the corona onset level.

It is impractical, therefore, to require that connectors operate quieter than the bus regardless of voltage. Under some circumstances, it might be impossible to meet such criteria. In most cases, it would be prohibitively expensive to do so.

Of course, theoretically optimum connectors could be designed for each application, based on the design voltage gradient for individual stations. However, in most cases even differences as great as that between 345 and 500 kV don't have a meaningful impact on connector costs. So, from a practical point of view, it is feasible to design most connectors for 500 kV operation. This makes it more convenient for station designers to select and order connectors.

Bus connectors are designed to provide corona-free performance under conditions of actual operation. This is done by calculating the voltage gradient on the surface of the bus at 500 kV, using the phase spacing and ground distance typical for this voltage. Connectors are then designed to operate corona free when the voltage gradient on the bus is 10% above this value.

The exceptions to this rule are the flexible expansion connectors. Those designed for 345 kV are self-shielding. Those for 500 kV have separate shielding rings. Experimental work on self-shielding 500 kV expansion connectors indicates that the margin of safety is too small to justify recommending them for this voltage.

CONTROLLING CORONA

Since corona is caused when the voltage gradient at the surface of a conducting material reaches a level that causes the surrounding air to break down, then obviously, the way to prevent corona is to keep the gradient below this critical level.

From the point of view of the connector designer, this can be accomplished in three ways:

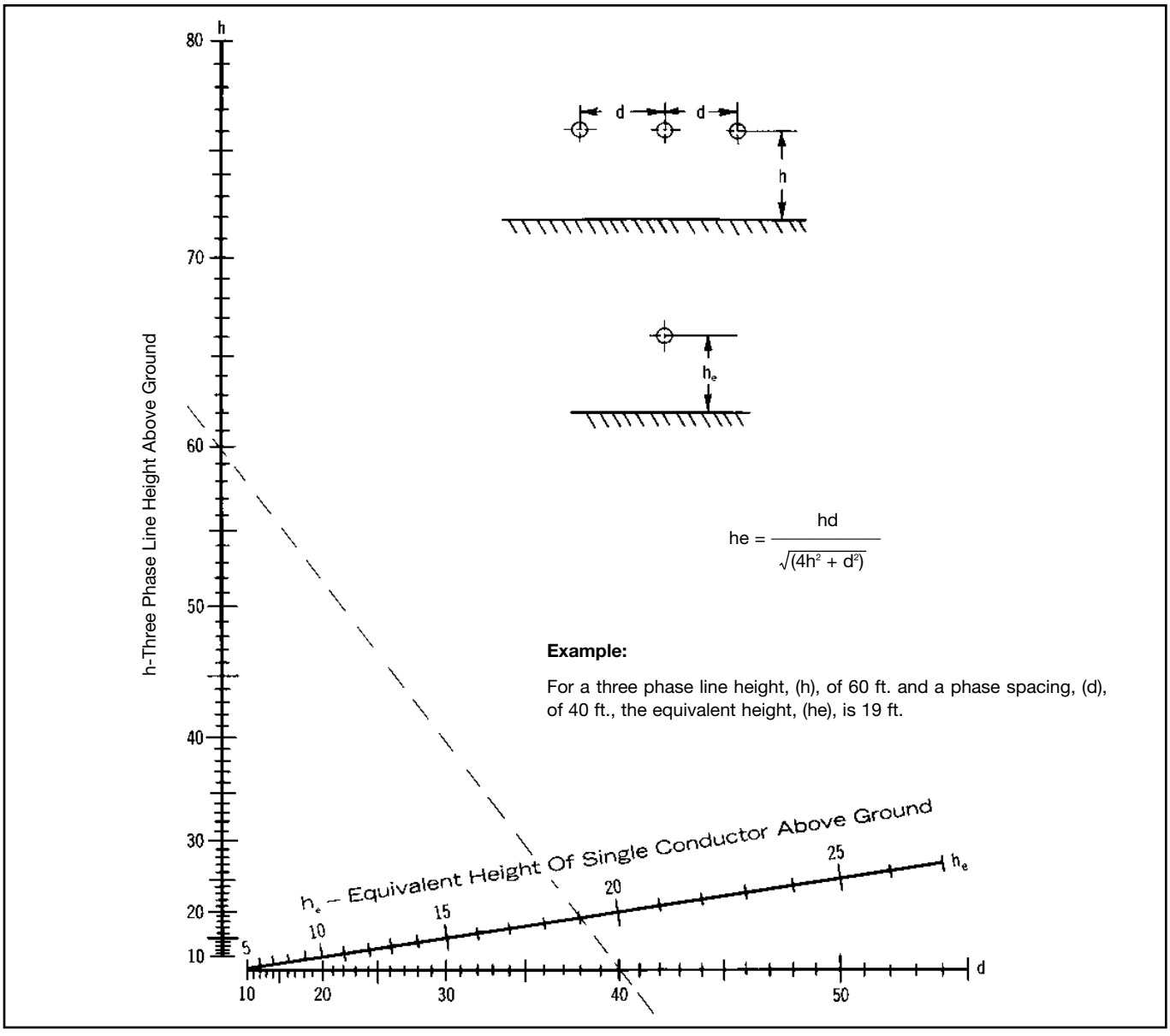
1. By providing generous radii on all outside surfaces to keep the voltage stresses to a minimum.
2. By providing shielding rings.
3. By placing the connector within the shielding influence of some part of the bus structure.

Since it is impossible for the connector designer to know the exact configuration of every bus system where the connectors might be used, the third approach is not practical. So, for purposes of developing a standard line, we concentrate on the first two.

Whenever possible, connectors are designed to be self-shielding. This approach leads to less costly and less obstrusive designs. Only in the case of complicated connector configurations do BURNDY® EHV designs use corona rings. Examples of such applications are disconnectable equipment taps, expansion couplers and equipment terminals which often have configurations that preclude the use of self-shielding designs.

NOMOGRAM FOR DETERMINING THE EQUIVALENT

HEIGHT (he) OF A THREE PHASE LINE



$$he = \frac{hd}{\sqrt{(4h^2 + d^2)}}$$

Example:

For a three phase line height, (h), of 60 ft. and a phase spacing, (d), of 40 ft., the equivalent height, (he), is 19 ft.

Nomogram for determining the equivalent height of a single conductor line having the same average voltage of gradient as the CENTER conductor of a horizontally spaced three phase line, with the same line to ground voltage and the same conductor size. All dimensions measured in the same units.

The use of the laboratory is based on the fact that it is the surface voltage gradient that causes corona. Although most systems consist of 3 phase conductors and a ground plane, it is a rather simple matter to duplicate in the laboratory the conductor surface voltage gradient as it exists on any of these phase conductors with a single conductor and a ground plane.

The following formula and nomograms give this three phase to single phase equivalency. Because this conversion is possible, all EHV testing is done single phase; and there is no necessity for 3 phase testing with its high cost in terms of equipment and space.

Since voltage gradient is the significant factor, the single phase test does not have to be done at the full voltage of an operation system. By setting up the test closer to the ground plane, the operation voltage gradient can be obtained with a lower test voltage. There is a limit, however, below which the height cannot be lowered lest corona onset and flashover occur simultaneously. Generally, the minimum test height should be about 10 times the diameter of the test conductor.

GRADIENT CALIBRATOR

Normally, the conductor surface voltage gradient at the extinction of corona in the laboratory is calculated using the accompanying equations. However, for test setups involving unusual conductor configurations, the conductor gradient cannot be readily calculated. In these cases, a gradient calibrator may be used. This is a small sphere mounted on the conductor. It has previously been calibrated for each conductor size to establish the surface voltage gradient that starts positive corona on the sphere. With it tests can be duplicated in any number of laboratories. The applied voltages and ground distances could all be different. But the voltage gradient on the surface of the conductor when the corona occurs on the sphere will always be the same. The calibrator provides a convenient bench mark for measuring the corona performance of connectors.

In use, the sphere is mounted on the conductor in a connector test setup. The voltage is raised until there is a corona on the sphere. We already know from previous calibration what the voltage gradient on the surface of the conductor is at this point.





The sphere is removed and the voltage raised until there is a corona on the connector. Since the voltage gradient increases directly with increases in applied voltage, the gradient on the conductor at this point can be readily calculated.

It is important to note that the significant parameter is the voltage gradient on the surface of the conductor. It is not necessary to know the gradient on the connector. The conductor gradient in any given substation is controlled by its design parameters and may be calculated using the following formulae and nomograms. Once the gradient is known, it is unnecessary to have any other information to design connectors. As long as connectors are corona-free at a conductor voltage gradient higher than that planned for the conductor, the connector will be corona-free under fair weather operating conditions.

There may on occasion be unusual situations where choice of *conductor*, station geometry or clearance problems cause the need for connectors of special design. Where this is the case, BURNDY® is prepared to design corona-free devices to operate under such conditions.

Formula for Determining The Voltage Gradient

Notations Used

h = line to ground distance (cm)
r = radius of the individual conductor (cm)
s = conductor spacing in the bundle (cm)
d = phase to phase spacing of the line (cm)
V = line to ground voltage (kV)
E_a = average gradient at the surface of the conductor (kV/cm)
E_m = maximum gradient on the surface of a single conductor
h_e = equivalent single phase line to ground distance (cm)
r_e = equivalent single conductor radius (cm) of bundled conductors
n = number of conductors in the bundle

$$E_a = \frac{V}{r \ln \frac{2h}{r}} \qquad E_m = \frac{h}{h - r} E_a$$

The maximum gradient (E_m) occurs on the side facing the ground plane.

The center conductor has a gradient about 5% higher than the outside conductors. The gradient on the center phase may be calculated using the formula for the single conductor.
Single phase system and substituting (h_e) from the following formula or attached nomograms for the height above ground (h). For the center phase:

$$E_a = \frac{V}{r \ln \frac{2h_e}{r}} \qquad h_e = \frac{hd}{\sqrt{(4h^2 + d^2)}}$$

It should be noted that h_e is somewhat smaller than $\frac{d}{2}$

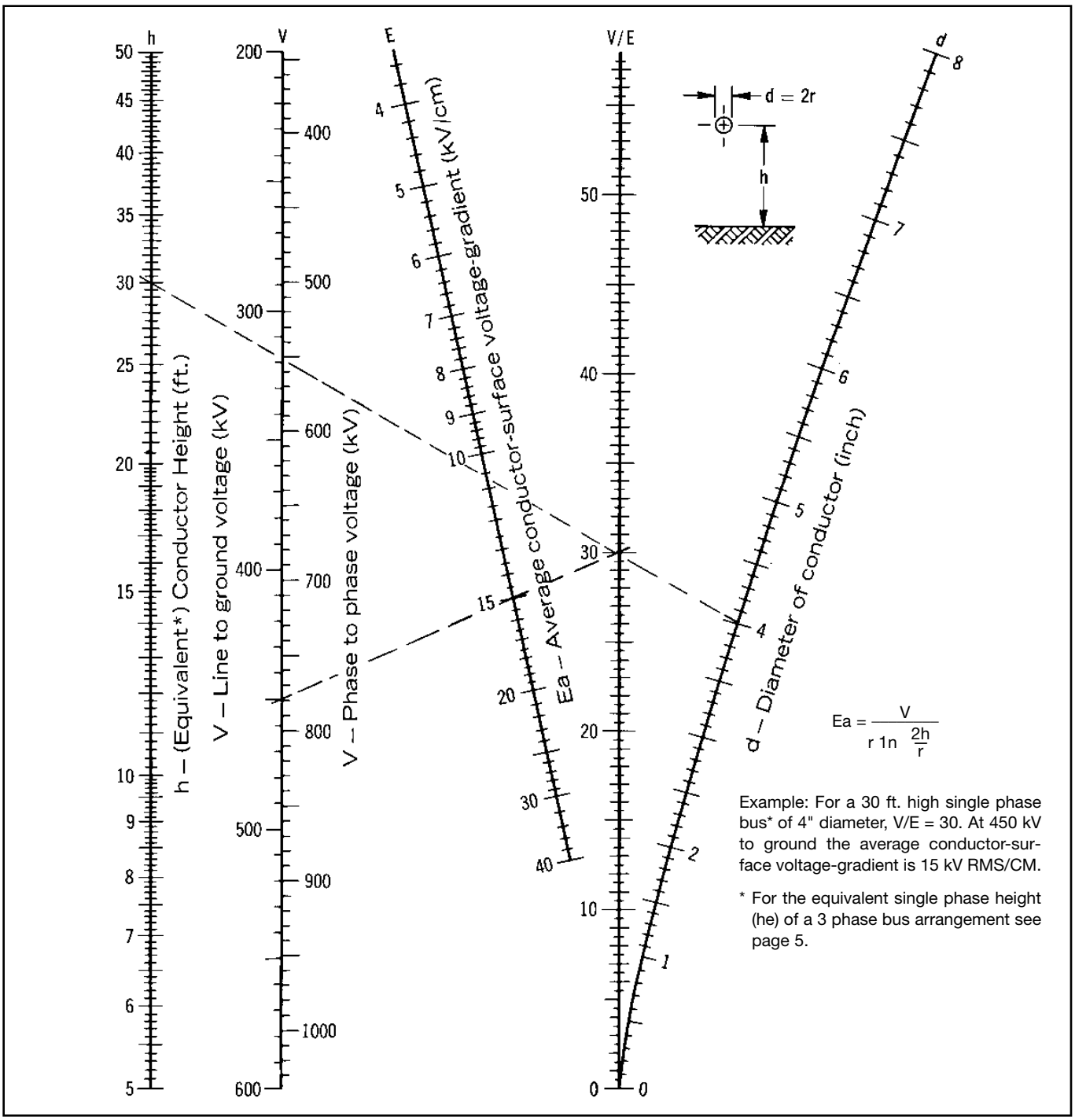
$$E_a = \frac{V}{n\, r \ln \frac{2h}{r_e}} \qquad \text{in which } r_e = r\left(\beta \frac{s}{r}\right)^{\frac{n-1}{n}}$$

The value of "β" is unity for 1-, 2-, and 3- conductor bundles and 1.12 for 4- conductor bundles.

Bundled Conductor - Three Phase
This case may be reduced to the single bundled conductor case by replacing h with h_e in the equation. The definition of h_e is identical to that given for the single conductor — three phase situation.

Fig. 1

NOMOGRAM FOR FINDING THE AVERAGE CONDUCTOR-SURFACE VOLTAGE-GRADIENT FROM LINE DIMENSIONS AND VOLTAGE.



M-7

Blue highlighted items are industry standard and most frequently ordered.

RADIO INTERFERENCE VOLTAGE

There is serious question as to whether measurement of RIV on connectors makes a meaningful contribution to quieter station operation.

Under test conditions, there is generally no significant indication on the radio noise meter until the onset of visible positive corona. At this point, the RIV reading goes into the hundreds of thousands of microvolts. The effect of this phenomenon is to provide a visibly discernable point at which RIV will become excessive. It eliminates the necessity to make, record and plot RIV measurements. Where there is no corona, there is no RIV. So our test criterion calling for no visible corona insures that there will be no radio interference generated by the connector under operating conditions.

EFFECT OF CONDUCTOR SIZE ON TESTING

Conductor diameter has a significant effect on potential corona problems. The larger the diameter, the lower the surface voltage gradient for a given test voltage. This means that smaller conductors produce corona at lower voltages than larger ones.

Many connector designs have the same basic configuration for various conductor sizes. The only difference being the size of the attaching elements. This is particularly true for many of the welded type connectors. Where this is the case, it is often sufficient to test the connector only on the smallest conductor, since it yields the lowest corona extinction voltage. When there is any doubt, each size is tested.

CONTAMINATION

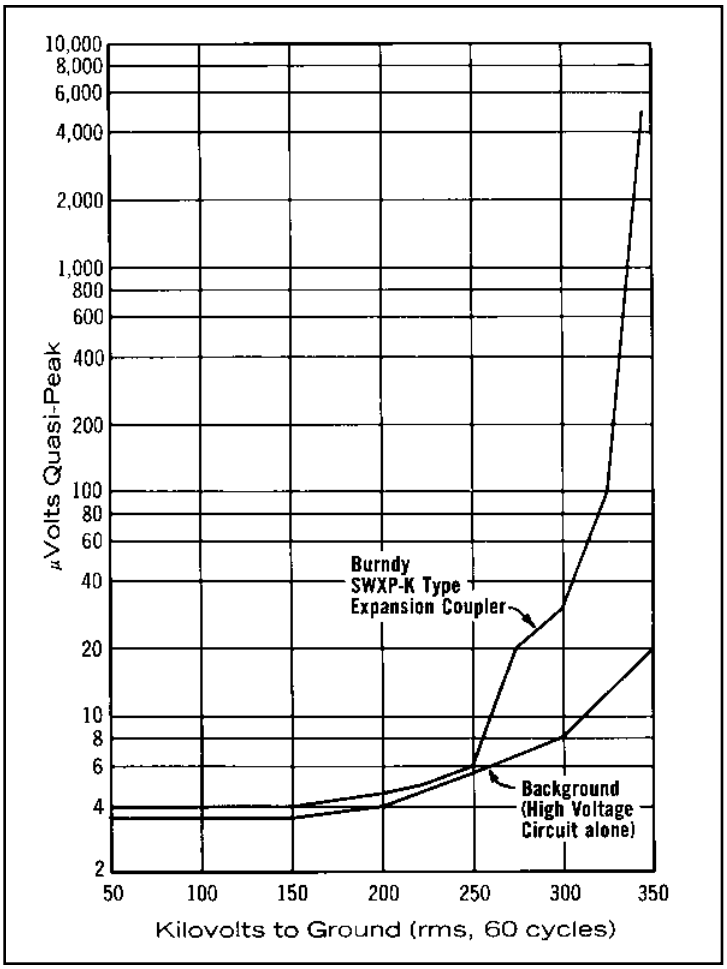
Much work has been done to establish the relationship between the corona onset voltage for contaminated as compared to clean hardware. Experiments in the BURNDY® laboratory indicate that this value can be reduced to half of the voltage for clean hardware. However, the relationship varies with the kind of contamination, atmospheric condition and type of connector.

There have been a number of attempts to produce artifical contamination and atmospheres in laboratories. However, there is as yet no clearly established relationship between the corona performance of hardware contaminated in the laboratory. Until such a relationship is established, the only testing that provides comparable data is on clean hardware under fair weather conditions.

CONCLUSION

For more than 80 years, BURNDY® has been designing connectors for the industry's most critical applications. Connectors for EHV are an outgrowth of this tradition. Whether your need is for catalog items or special designs, you can count on electrical, mechanical and corona-free performance, commensurate with the application.

TYPICAL CURVE



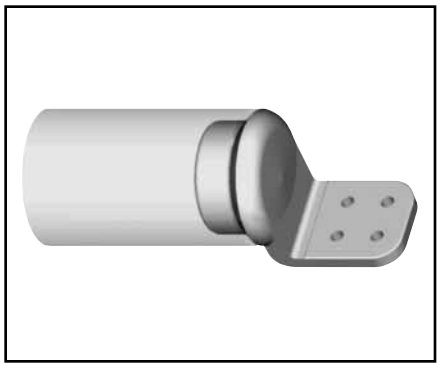
WELDED TERMINAL CONNECTOR

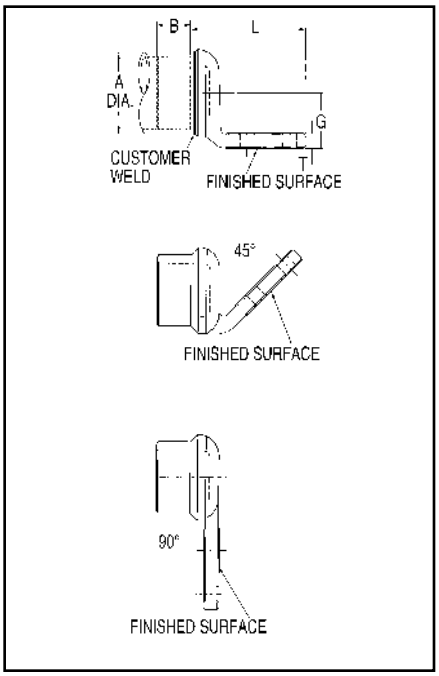
SWA-A-N

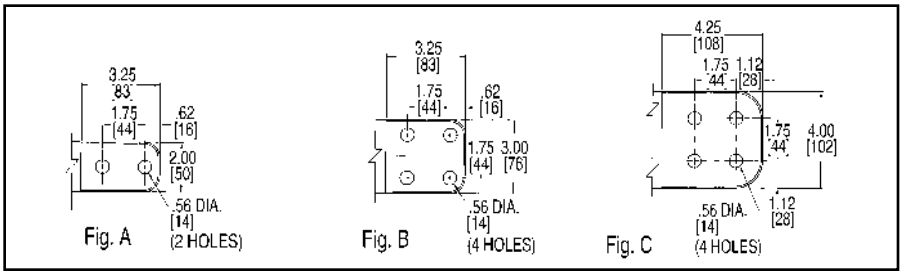
Weld type
Application: Bus to Two or Four Hole Pad (offset terminal)

EHV RATED: UP TO 550 kV when used with Shielding Caps

Material: Cast 356 Aluminum Alloy







Catalog Numbers		Accommodates "A"					
IPS (Sch. 40)	EHPS (Sch. 80)	Dia. Alum. Tube	Fig.	B	G	L	T
SWA18A-2N	SWA58A-2N	2″ (2.375 Dia.)	A	1.25 [32]	1.72 [44]	5.88 [149]	.50 [13]
SWA18A-34N	SWA58A-34N		B	1.25 [32]	1.72 [44]	5.88 [149]	.50 [13]
SWA18A-44N	SWA58A-44N		C	1.25 [32]	1.72 [44]	6.95 [177]	.50 [13]
SWA19A-2N	SWA59A-2N	2-1/2″ (2.875 Dia.)	A	1.50 [38]	1.97 [50]	6.36 [162]	.56 [14]
SWA19A-34N	SWA59A-34N		B	1.50 [38]	1.97 [50]	6.36 [162]	.56 [14]
SWA19A-44N	SWA59A-44N		C	1.50 [38]	1.97 [50]	7.40 [188]	.56 [14]
SWA20A-2N	SWA90A-2N	3″ (3.500 Dia.)	A	1.75 [44]	2.34 [59]	6.41 [163]	.62 [16]
SWA20A-34N	SWA90A-34N		B	1.75 [44]	2.34 [59]	6.41 [163]	.62 [16]
SWA20A-44N	SWA90A-44N		C	1.75 [44]	2.34 [59]	7.46 [189]	.62 [16]
SWA21A-34N	SWA91A-34N	3-1/2″ (4.000 Dia.)	B	1.75 [44]	2.59 [66]	6.40 [163]	.62 [16]
SWA21A-44N	SWA91A-44N		C	1.75 [44]	2.59 [66]	7.47 [190]	.62 [16]
SWA22A-44N	SWA92A-44N	4″ (4.500 Dia.)	C	2.00 [51]	2.84 [72]	7.51 [191]	.75 [19]
SWA23A-44N	SWA93A-44N	4-1/2″ (5.000 Dia.)	C	2.00 [51]	3.09 [78]	7.77 [197]	.75 [19]
SWA24A-34N	SWA94A-34N	5″ (5.563 Dia.)	B	2.00 [51]	3.38 [86]	6.80 [173]	.75 [19]
SWA24A-44N	SWA94-44N		C	2.00 [51]	3.38 [86]	7.82 [199]	.75 [19]
SWA86A-44N	SWA96A-44N	6″ (6.625 Dia.)	C	2.50 [64]	4.00 [102]	7.90 [201]	1.00 [25]

NOTES:
1. Dimensions in brackets [ ] are in millimeters.
2. Conductor smaller than 3 inch bus size not recommended for 550 kV.
3. DOES NOT INCLUDE SHIELDING CAPS. For EHV applications, shielding caps are required. Order separately (type STS) shown on page 32 or ADD SUFFIX "STS" to catalog number (example: SWA22A44NSTS), includes one shielding cap.
4. One surface of pad finished. For finished pad on both sides add SUFFIX "Q" to the catalog. number (example: SWA22A-44NQ).
5. For 45 or 90 degree angle add SUFFIX "45" or "90" to catalog number (example: SWA22A44N90).
6. For six hole NEMA pad contact factory.

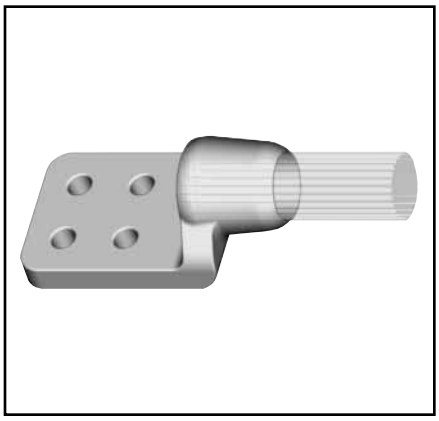
WELDED TERMINAL CONNECTOR

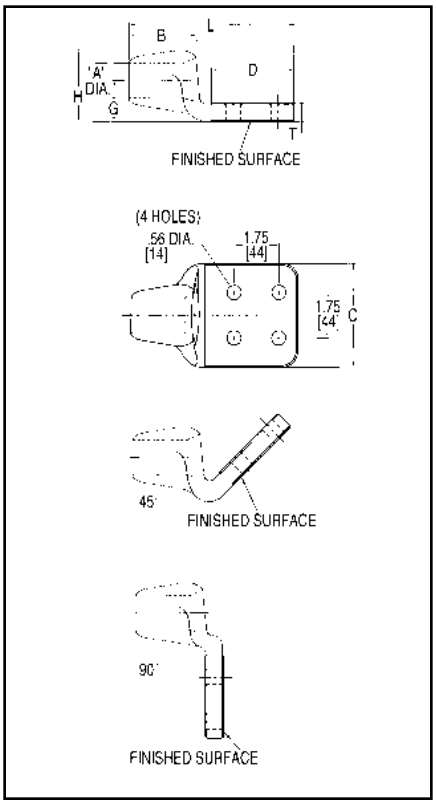
SWA-A-N for Cable

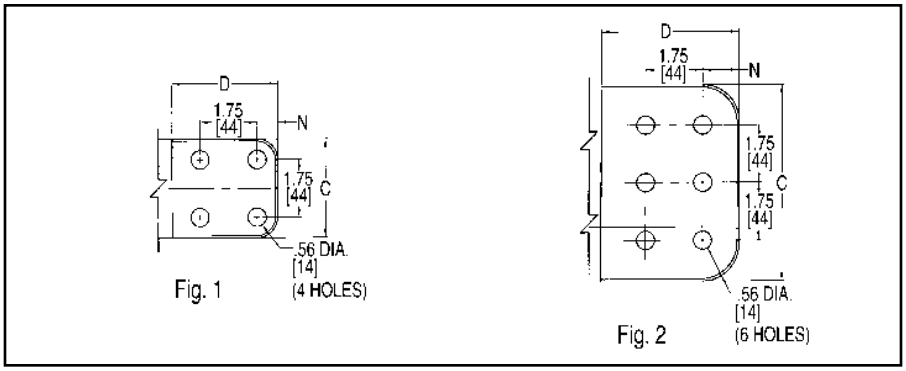
Weld type
Application: Cable to Two or Four Hole Pad (offset terminal)

EHV RATED: UP TO 550 kV when used with shielding caps

Material: Cast 356 Aluminum Alloy







Catalog Numbers	Accommodates "A" Dia.		Str.	Max. Dia.	Max. Dia.	Fig. No.	B	C	D	G	H	L	N	T
	Alum. Cable	Acsr Cable												
SWA44R-44N	700 kcmil thru 874.5 kcmil	605 kcmil thru 874.5 kcmil	26-7 30-19	.961 [24]	1.085 [28]	1	1.50 [38]	4.00 [102]	4.25 [108]	1.12 [28]	2.00 [51]	6.25 [159]	1.12 [28]	.50 [13]
SWA48A-44N	2000 kcmil thru 2250 kcmil	2167 kcmil	72-7	1.606 [41]	1.740 [44]	1	2.62 [67]	4.00 [102]	4.25 [108]	1.83 [47]	3.18 [81]	7.50 [191]	1.12 [28]	.82 [21]
SWA54R-44N	1400 kcmil thru 1600 kcmil	1272 kcmil thru 1510.5 kcmil	45-7	1.341 [34]	1.470 [37]	1	2.00 [51]	4.00 [102]	4.25 [108]	1.38 [35]	2.56 [65]	6.56 [167]	1.12 [28]	.56 [14]
SWA58R-44N	1700 kcmil thru 1900 kcmil	1510.5 kcmil thru 1780 kcmil	54-49 54-19	1.471 [37]	1.605 [41]	1	2.50 [64]	4.00 [102]	4.25 [108]	1.58 [40]	2.83 [72]	7.25 [184]	1.12 [28]	.69 [18]
SWA444A-44N	900 kcmil thru 1100 kcmil	795 kcmil thru 954 kcmil	54-7	1.086 [28]	1.210 [31]	1	1.75 [44]	4.00 [102]	4.25 [108]	1.21 [31]	2.19 [56]	6.56 [167]	1.12 [28]	.50 [13]
SWA454A-4N	1113 kcmil thru 1351.1 kcmil	1033.5 kcmil thru 1192.5 kcmil	45-7 54-19	1.211 [31]	1.340 [34]	1	2.00 [51]	3.00 [76]	3.00 [76]	1.22 [31]	2.31 [59]	5.44 [138]	.62 [57]	.50 [13]
SWA486A-4N	2300 kcmil thru 2500 kcmil	2156 kcmil thru 2300 kcmil	84-19 96-19	1.741 [44]	1.875 [48]	1	2.62 [67]	3.00 [76]	3.00 [76]	1.84 [47]	3.31 [84]	6.12 [156]	.62 [57]	1.12 [28]
SWA486A-44N	2300 kcmil thru 2500 kcmil	2156 kcmil thru 2300 kcmil	84-19 96-19	1.741 [44]	1.875 [48]	1	2.62 [67]	4.00 [102]	4.25 [108]	1.84 [47]	3.31 [84]	7.50 [191]	1.12 [28]	1.12 [28]
SWA486A-66N	2300 kcmil thru 2500 kcmil	2156 kcmil thru 2300 kcmil	84-19 96-19	1.741 [44]	1.875 [48]	2	2.62 [67]	6.00 [152]	4.25 [108]	1.84 [47]	3.31 [84]	7.50 [191]	1.12 [28]	1.12 [28]
SWA493R-4N	3000 kcmil	——	127 169	1.876 [48]	2.05 [52]	1	3.00 [76]	3.00 [76]	3.00 [76]	2.12 [54]	3.75 [92]	6.75 [172]	.62 [16]	1.00 [25]

NOTES:
1. Dimensions in brackets [ ] are in millimeters.
2. DOES NOT INCLUDE SHIELDING CAPS. For EHV applications, shielding caps are required. Order separately (type) shown on page 32 or ADD SUFFIX "STS" to catalog number (example: SWA54R-44NSTS), includes one shielding cap.
3. One surface of pad finished. For finished pad on both sides add SUFFIX "Q" to the catalog number (example: SWA22A-44NQ).
4. For 45 or 90 degree angle add SUFFIX "45" or "90" to catalog number (example: SWA54R-44N90).

Blue highlighted items are industry standard and most frequently ordered.

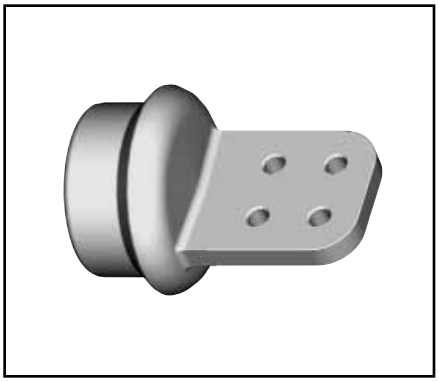
WELDED TERMINAL CONNECTOR

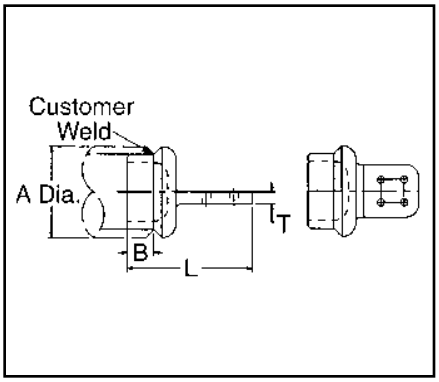
SWAC-A-N

Weld type
Application: Bus to Two or Four Hole Pad (center formed)

EHV RATED: UP TO 550 kV when used with Shielding Caps

Material: Cast 356 Aluminum Alloy





Catalog Number		Conductor		Fig.	Dimensions In./[mm]		
IPS (Sch. 40)	EHPS (Sch. 80)	IPS	A	No.	B	L	T
SWAC18A-2N	SWAC58A-2N	2″	2.38 [60]	1	1.25 [32]	5.80 [147]	.50 [13]
SWAC18A-34N	SWAC58A-34N			2	1.25 [32]	5.80 [147]	.50 [13]
SWAC18A-44N	SWAC58A-44N			3	1.25 [32]	6.86 [174]	.50 [13]
SWAC19A-2N	SWAC59A-2N	2-1/2″	2.88 [73]	1	1.50 [38]	6.23 [158]	.56 [14]
SWAC19A-34N	SWAC59A-34N			2	1.50 [38]	6.23 [158]	.56 [14]
SWAC19A-44N	SWAC59A-44N			3	1.50 [38]	7.29 [185]	.56 [14]
SWAC20A-2N	SWAC90A-2N	3″	3.50 [89]	1	1.75 [44]	6.30 [160]	.62 [16]
SWAC20A-34N	SWAC90A-34N			2	1.75 [44]	6.30 [160]	.62 [16]
SWAC20A-44N	SWAC90A-44N			3	1.75 [44]	7.36 [187]	.62 [16]
SWAC21A-34N	SWAC91A-34N	3-1/2″	4.00 [102]	2	1.75 [44]	6.30 [160]	.62 [16]
SWAC21A-44N	SWAC91A-44N			3	1.75 [44]	7.36 [187]	.62 [16]
SWAC22A-34N	SWAC92A-34N	4″	4.50 [114]	2	2.00 [51]	6.40 [163]	.75 [14]
SWAC22A-44N	SWAC92A-44N			3	2.00 [51]	7.40 [188]	.75 [19]
SWAC23A-34N	SWAC93A-34N	4-1/2″	5.00 [127]	2	2.00 [51]	6.23 [158]	.56 [19]
SWAC24A-34N	SWAC94A-34N	5″	5.56 [141]	2	2.00 [51]	6.68 [170]	.75 [19]
SWAC24A-44N	SWAC94A-44N			3	2.00 [51]	7.72 [196]	.75 [19]
SWAC86A-44N	SWAC96A-44N	6″	6.62 [168]	3	2.50 [64]	7.75 [197]	1.00 [25]

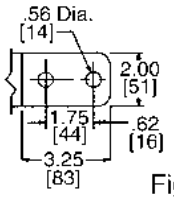


Fig. 1

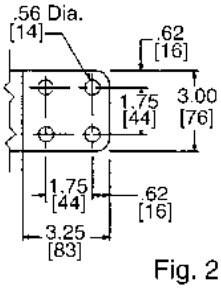


Fig. 2

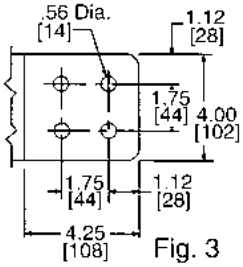


Fig. 3

NOTES:
1. Dimensions in brackets [ ] are in millimeters.
2. Conductor smaller than 3 inch bus size not recommended for 550 kV.
3. DOES NOT INCLUDE SHIELDING CAPS. For EHV applications, shielding caps are required. Order separately (Type STS) shown on page 32 or ADD SUFFIX "STS" to Catalog Number (example: SWAC22A44NSTS), includes two shielding caps.
4. Pad surface finished on both sides of tongue.
5. For six hole NEMA pad contact factory.

Blue highlighted items are industry standard and most frequently ordered.

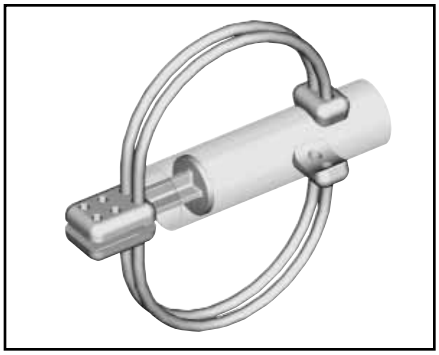
WELDED EXPANSION TERMINAL CONNECTOR

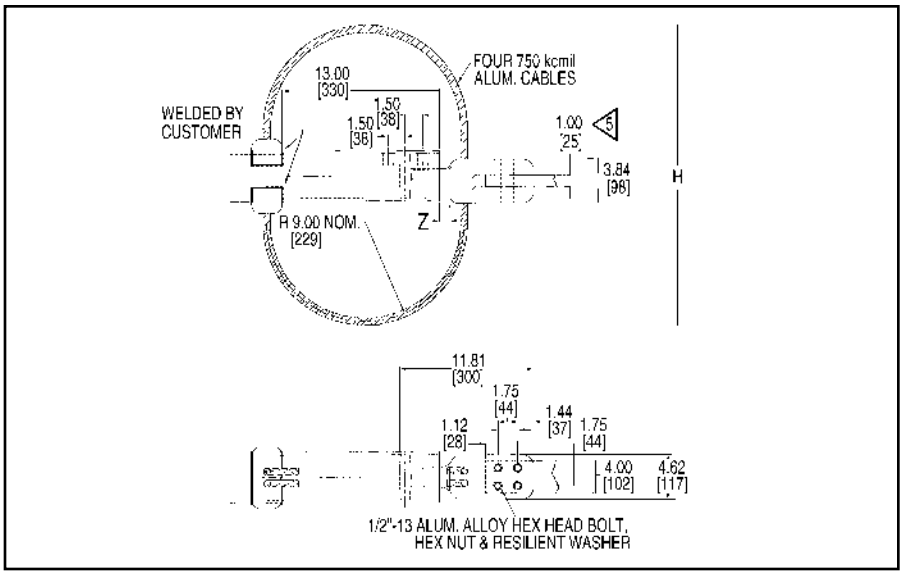
SWXA-A-NK

Welded type
Application: Bus to Four Hole Pad (Expansion Terminal with Corona protection)

EHV RATED: SELF-SHIELDING UP TO 345 kV

Material: Cast 356 Aluminum Alloy
Straps: Aluminum Cables
Rings: Aluminum Alloy Cable
Hardware:
Ring mounting: Aluminum
Base mounting: Galvanized Steel





Catalog Number	Accommodates "A" Dia. Alum. Tube	H	Hardware Length
SWXA20A-4NK8	3″ IPS (3.500 Dia.) Sch 40	26.38 [670]	1/2″–13 × 2-3/4″ LG.
SWXA22A-4NK8	4″ IPS (5.500 Dia.) Sch 40	27.00 [686]	
SWXA24A-4NK8	5″ IPS (5.563 Dia.) Sch 40	28.06 [713]	
SWXA86A-4NK8	6″ IPS (6.625 Dia.) Sch 40	29.12 [740]	
SWXA92A-4NK8	4″ IPS (4.500 Dia.) Sch 80	27.00 [686]	
SWXA94A-4NK8	5″ IPS (5.563 Dia.) Sch 80	28.06 [713]	
SWXA96A-4NK8	6″ IPS (6.625 Dia.) Sch 80	29.12 [740]	

NOTES:
1. Table is based on 90/ft. max BUS run.
2. Dimensions in brackets [ ] are in millimeters.
3. Shielding caps not required.
4. One side of pad finished. On Centerline of tubing. For finish pad on both sides add SUFFIX "Q" to catalog number (example: SWXA22A4NK8Q).

5 Accommodates maximum pad thickness of 1.00″.

Installation Data	
Bus Temp F°	3″ Total Movement Z
–20	3.50
–10	3.36
0	3.23
10	3.09
20	2.95
30	2.82
40	2.68
50	2.54
60	2.41
70	2.27
80	2.14
90	2.00 ← NOMINAL POSITION
100	1.86
110	1.73
120	1.59
130	1.45
140	1.32
150	1.18
160	1.04
170	.91
180	.77
190	.64
200	.50

Blue highlighted items are industry standard and most frequently ordered.

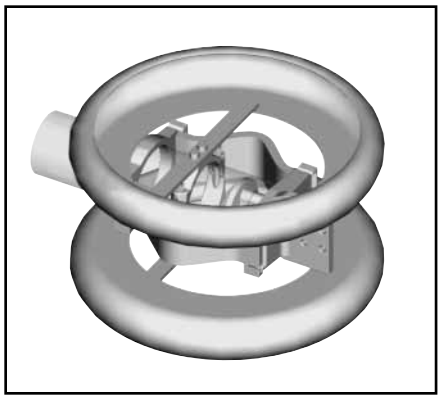
WELDED EXPANSION TERMINAL CONNECTOR

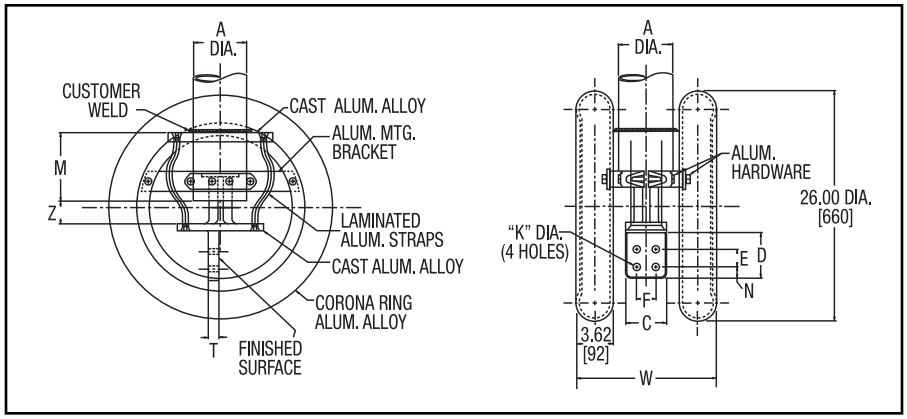
SWXA-A-N

Welded type
Application: Bus to four or six hole pad (Expansion Terminal with Corona Rings)

EHV RATED: SELF-SHIELDING UP TO 550 kV

Material: Cast 356 Aluminum Alloy
Straps: Laminated Aluminum
Rings: Aluminum Alloy
Hardware:
Ring mounting: Aluminum
Base mounting: Galvanized Steel





Catalog Number	Accommodates "A" Dia. Alum. Tube	C	D	E	F	K	M	N	T	W Ref.	Total Movement	Installation Data: Bus. Temp. of	Installation Data: Z
SWXA20A-44N	3″ (3.500 Dia.) Sch 40	4.00 [101]	4.25 [108]	1.75 [44]	1.75 [44]	.56 [14]	7.87 [200]	.62 [16]	.75 [19]	13.18 [335]	2.00 [51]	–20	2.50
												–10	2.61
SWXA22A-44N	4″ (4.500 Dia.) Sch 40	4.00 [101]	4.25 [108]	1.75 [44]	1.75 [44]	.56 [14]	9.56 [243]	.62 [16]	.86 [22]	13.87 [352]		0	2.32
												10	2.21
SWXA24A-44N	5″ (5.563 Dia.) Sch 40	4.00 [101]	4.25 [108]	1.75 [44]	1.75 [44]	.56 [14]	10.77 [274]	.62 [16]	.81 [21]	14.50 [368]		20	2.14
												30	2.01
SWXA86A-44N	6″ (6.625 Dia.) Sch 40	4.00 [101]	4.25 [108]	1.75 [44]	1.75 [44]	.56 [14]	11.63 [295]	1.12 [28]	1.00 [25]	15.50 [394]		40	1.95
												50	1.86
SWXA92A-44N	4″ (4.500 Dia.) Sch 80	4.00 [101]	4.25 [108]	1.75 [44]	1.75 [44]	.56 [14]	9.56 [243]	.62 [16]	.86 [22]	13.87 [352]		60	1.77
												70	1.68
SWXA94A-44N	5″ (5.563 Dia.) Sch 80	4.00 [101]	4.25 [108]	1.75 [44]	1.75 [44]	.56 [14]	10.77 [274]	1.12 [28]	.86 [22]	14.50 [368]		80	1.57
												90	1.50
												100	1.41
												110	1.32
												120	1.23
												130	1.14
												140	1.04
												150	.95
												160	.86
												170	.77
												180	.68
												190	.59
												200	.50

NOTES:
1. Table is based on 60/ft. max BUS run.
2. Dimensions in brackets [ ] are in millimeters.
3. Shielding caps not required.
4. One side of pad finished. On Centerline of tubing. For finish pad on both sides add SUFFIX "Q" to catalog number (example: SWXA22A4NQ).
5. For six hole NEMA pad change the suffix to 66N (example: SWXA22A66N).

M-13

Blue highlighted items are industry standard and most frequently ordered.

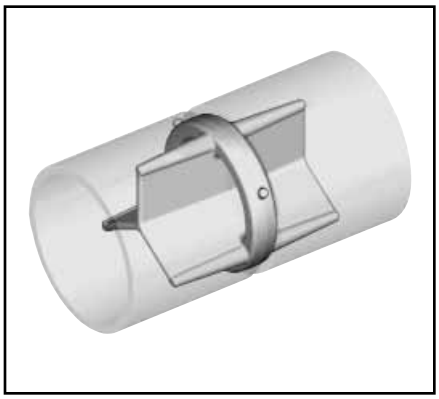
WELDED RIGID COUPLER

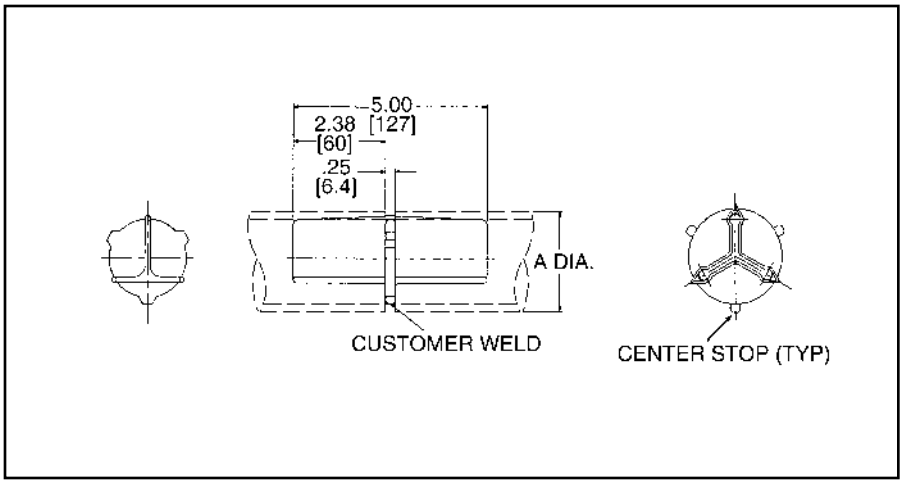
WSLB-A

Weld type
Application: Bus to Bus Coupler

EHV RATED: SELF-SHIELDING UP TO 550 kV

Material: Cast 356 Aluminum Alloy





Catalog Number		OD	Conductor Aluminum Tubing Size
Sch. 40	Sch. 80		
WSLB15A	**WSLB55A**	1.32 [34]	1″
WSLB16A	**WSLB56A**	1.66 [42]	1-1/4″
WSLB17A	**WSLB57A**	1.90 [48]	1-1/2″
WSLB18A	**WSLB58A**	2.38 [60]	2″
WSLB19A	**WSLB59A**	2.88 [73]	2-1/2″
WSLB20A	**WSLB90A**	3.50 [89]	3″
WSLB21A	**WSLB91A**	4.00 [102]	3-1/2″
WSLB22A	**WSLB92A**	4.50 [114]	4″
WSLB24A	**WSLB94A**	5.56 [141]	5″
WSLB86A	**WSLB96A**	6.62 [168]	6″

NOTES:
1. Dimensions in brackets [ ] are in millimeters.
2. Conductors smaller than 3 inch bus size are not recommended for 550 kV.

Blue highlighted items are industry standard and most frequently ordered.

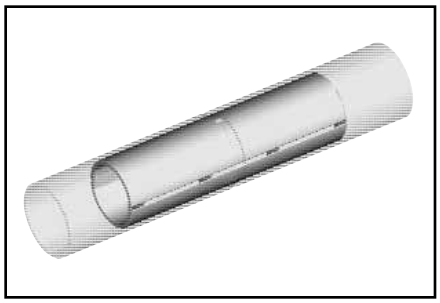
WELDED RIGID COUPLER

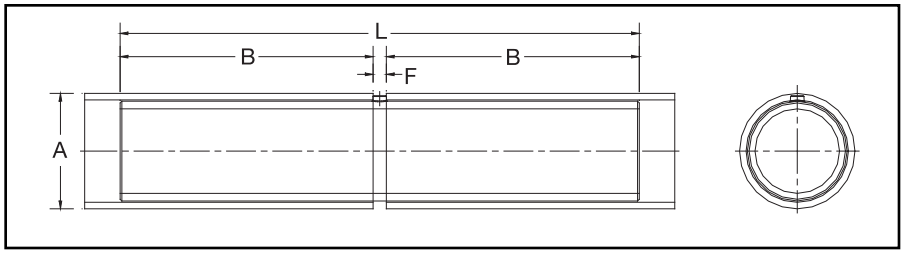
WS-A

Weld type
Application: Bus to Bus Coupler

EHV RATED: SELF-SHIELDING UP TO 550 kV

Material: Cast 356 Aluminum Alloy





Catalog Number	Conductor (IPS) "A" Schedule 40	Conductor (EHPS) "A" Schedule 80	Dimensions Inches/[mm]		
			B	F	L
WS14A	3/4″ (1.050 Dia.)	—	2.13 [54.1]	.23 [5.8]	4.50 [114.3]
WS15A	1″ (Dia.)	—	2.13 [54.1]	.23 [5.8]	4.50 [114.3]
WS16A	1-1/4″ (1.660 Dia.)	—	3.60 [91.4]	.28 [7.1]	7.50 [190.5]
WS17A	1-1/2″ (1.900 Dia.)	—	4.36 [110.7]	.29 [7.4]	9.00 [228.6]
WS18A	2″ (2.375 Dia.)	—	5.88 [149.4]	.31 [7.9]	12.00 [304.8]
WS19A	2-1/2″ (2.875)	—	7.31 [185.7]	.39 [9.9]	15.00 [381.0]
WS20A	3″ (3.500 Dia.)	—	8.81 [223.8]	.44 [11.2]	18.00 [457.2]
WS21A	3-1/2″ (4.000 Dia.)	—	8.75 [222.3]	.47 [11.9]	18.00 [457.2]
WS22A	4″ (4.500 Dia.)	—	8.75 [222.3]	.47 [11.9]	18.00 [457.2]
WS24A	5″ (5.563 Dia.)	—	8.75 [222.3]	.50 [12.7]	18.00 [457.2]
WS86A	6″ (6.625 Dia.)	—	8.75 [222.3]	.56 [14.2]	18.00 [457.2]
WS58A	—	2″ (2.375 Dia.)	5.88 [149.4]	.31 [7.9]	12.00 [304.8]
WS59A	—	2-1/2″ (2.875)	7.31 [185.7]	.39 [9.9]	15.00 [381.0]
WS90A	—	3″ (3.500 Dia.)	8.81 [223.8]	.44 [11.2]	18.00 [457.2]
WS91A	—	3-1/2″ (4.000 Dia.)	8.75 [222.3]	.47 [11.9]	18.00 [457.2]
WS92A	—	4″ (4.500 Dia.)	8.75 [222.3]	.47 [11.9]	18.00 [457.2]
WS94A	—	5″ (5.563 Dia.)	8.75 [222.3]	.50 [12.7]	18.00 [457.2]
WS96A	—	6″ (6.625 Dia.)	8.75 [222.3]	.56 [14.2]	18.00 457.2]

NOTES:
1. Dimensions in brackets [ ] are in millimeters.
2. Conductor smaller than 3 inch bus size not recommended for 550 kV.

M-15

Blue highlighted items are industry standard and most frequently ordered.

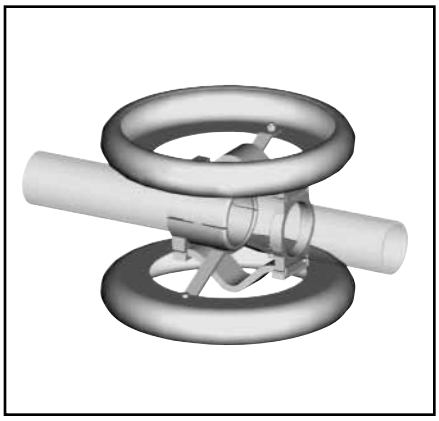
WELDED EXPANSION COUPLER

SWXP-A-A

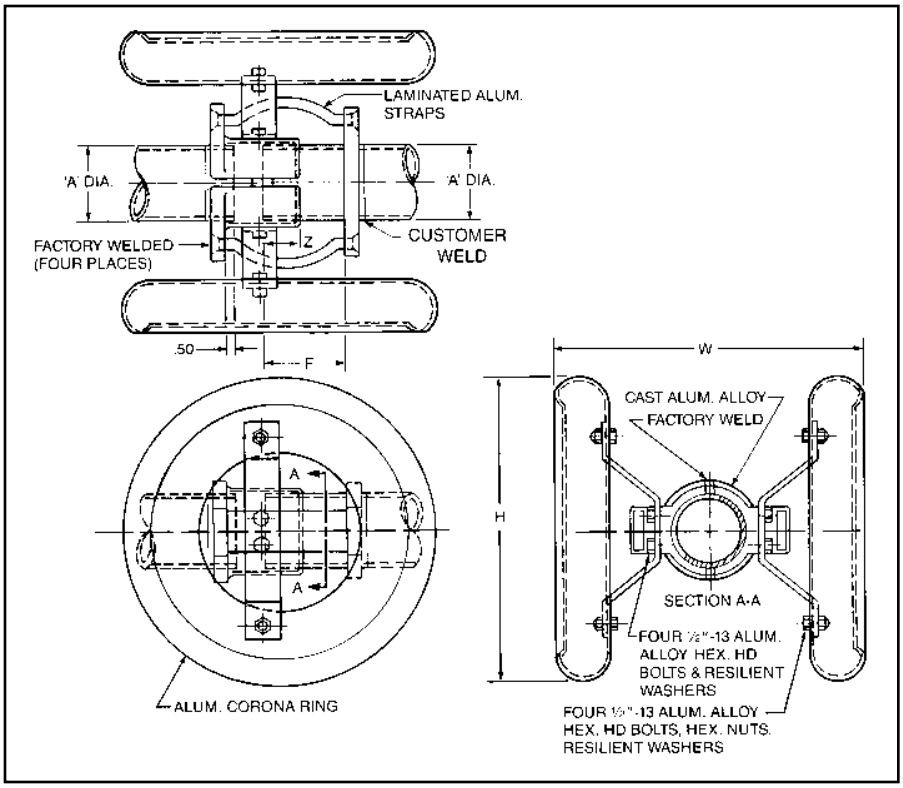
Weld type
Application: Bus to Bus Expansion

EHV RATED: SELF-SHIELDING UP TO 550 kV

Material: Cast 356 Aluminum Alloy
Hardware: Aluminum Alloy
Corona Rings: Aluminum Alloy
Straps: Laminated Aluminum Strap



Installation Data	
Bus Temp F°	3″ Total Movement Z
–20	.50
–10	.64
0	.77
10	.91
20	1.04
30	1.18
40	1.32
50	1.45
60	1.59
70	1.73
80	1.86
90	2.00 ← NOMINAL POSITION
100	2.14
110	2.27
120	2.41
130	2.54
140	2.68
150	2.82
160	2.95
170	3.09
180	3.23
190	3.36
200	3.50



Catalog Number		"A" Dia.				Total ①
Sch. 40	Sch. 80	Alum. Tube	F	H	W	Movement
SWXP20A20A	SWXP90A90A	3″ (3.50 Dia.) [89]	5.25 [133]	22.00 [559]	17.05 [433]	3.00 [76]
SWXP22A22A	SWXP92A92A	4″ (4.50 Dia.) [114]	6.38 [162]	22.00 [559]	18.89 [480]	4.00 [102]
SWXP24A24A	SWXP94A94A	5″ (5.56 Dia.) [141]	7.88 [200]	26.00 [660]	19.25 [489]	4.00 [102]
SWXP86A86A	SWXP96A96A	6″ (6.63 Dia.) [168]	8.88 [226]	26.00 [660]	20.31 [516]	4.00 [102]

NOTES:
① Maximum movement per end equals one-half of total movement specified in table. Table is based on 90 ft. bus run (total) or 45 ft. per end.
2. Dimensions in brackets [ ] are in millimeters.
3. Conductors smaller than 3 inch not recommended for 550 kV.

Blue highlighted items are industry standard and most frequently ordered.

WELDED T-CONNECTOR

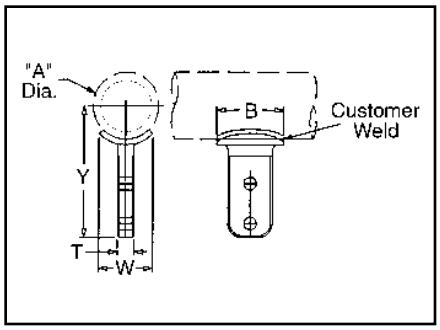
SWAB-A-N

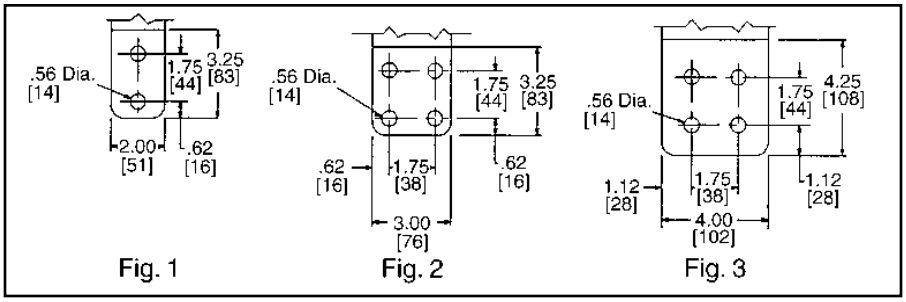
Weld type
Application: Bus to Pad

EHV RATED: UP TO 550 kV when used with Shielding Caps

Material: Cast 356 Aluminum Alloy







Catalog Number	Complete Range Aluminum Tube	Figure Number	Dimensions – Inches/[mm]					
			B	T	W	Aluminum IPS Pipe Nominal	A	Y
SWAB19A-2N	1″ to 2-1/2″	1	3.00 [76]	.38 [10]	1.32 [34]	1″	1.32 [34]	4.45 [113]
						1-1/4″	1.66 [42]	4.67 [119]
						1-1/2″	1.90 [48]	4.80 [122]
SWAB19A-34N		2	4.00 [102]	.50 [13]		2″	2.38 [60]	5.08 [129]
						2-1/2″	2.88 [73]	5.32 [135]
SWAB22A-2N	2-1/2″ to 4″	1	3.00 [76]	.75 [19]	2.40 [61]	2-1/2″	2.88 [73]	5.25 [133]
						3″	3.50 [89]	5.62 [143]
SWAB22A-34N		2	4.00 [102]			3-1/2″	4.00 [102]	5.92 [150]
SWAB22A-44N		3	4.50 [114]			4″	4.50 [114]	6.21 [158]
SWAB86A-2N	3″ to 6″	1	3.00 [76]	1.00 [25]	2.62 [67]	3″	3.50 [89]	5.58 [142]
						3-1/2″	4.00 [102]	6.08 [154]
						4″	4.50 [114]	6.36 [162]
						4-1/2″	5.00 [127]	6.36 [162]
SWAB86A-34N		2	4.00 [102]			5″	5.56 [141]	6.67 [169]
SWAB86A-44N		3	4.50 [114]			6″	6.62 [168]	7.24 [184]

NOTES:
1. Dimensions in brackets [ ] are in millimeters.
2. Conductor smaller than 3 inch bus size not recommended for 550 kV.
3. DOES NOT INCLUDE SHIELDING CAPS. For EHV applications, shielding caps are required. Order separately (Type STS) shown on page 32 or ADD SUFFIX "STS" to Catalog Number (example: SWAB22A44NSTS), includes two shielding caps.
4. Pad surface finished on both sides of tongue.
5. For six hole NEMA pad contact factory.

Blue highlighted items are industry standard and most frequently ordered.

WELDED T-CONNECTOR

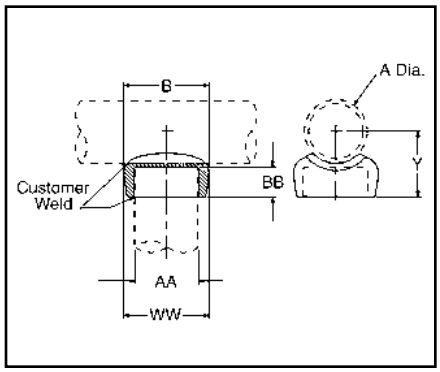
SWT-A-A

Weld type
Application: Bus to Bus
T-Connector

EHV RATED: SELF-SHIELDING UP TO 550 kV

Material: Cast 356 Aluminum Alloy





Catalog Number	Run 'A' Aluminum Tube	Tap 'AA' Aluminum Tube		Run Data		Dimensions Inches/[mm]				
		Tube	AA	Nom. Tube	A	B	BB	W	WW	Y
SWT17A17A	1-1/2″	1/2″	1.90 [48]	1-1/2″	1.90 [48]	3.19 [81]	1.00 [25]	2.64 [67]	2.52 [64]	2.16 [55]
SWT19A19A	2-1/2″	2-1/2″	2.88 [27]	2-1/2″	2.88 [73]	4.00 [54]	1.38 [35]	3.78 [96]	3.78 [96]	3.02 [37]
SWT21A14A	2″ To 3-1/2″	3/4″	1.05 [28]	2″	2.38 [60.4]	2.12 [54]	.75 [19]	1.75 [44]	1.64 [42]	2.13 [54]
				2-1/2″	2.88 [73]					2.47 [42]
				3″	3.50 [89]					2.84 [72]
				3-1/2″	4.00 [102]					3.12 [51]
SWT21A15A		1″	1.32 [34]	2″	2.38 [60.4]	2.38 [60.4]	.75 [19]	2.28 [60]	1.88 [48]	2.12 [54]
				2-1/2″	288 [73]					2.50 [64]
				3″	3.50 [89]					2.87 [73]
				3-1/2″	4.00 [102]					3.16 [80]
SWT21A16A		1-1/4″	1.66 [42]	2″	2.38 [60.4]	2.69 [68]	1.00 [25]	2.36 [60]	2.26 [57]	2.38 [60]
				2-1/2″	2.88 [73]					2.76 [70]
				3″	3.50 [89]					3.14 [80]
				3-1/2″	4.00 [102]					3.42 [87]

(Table continued on next page)

NOTES:
1. Dimensions in brackets [ ] are in millimeters.
2. Conductor smaller than 3 inch bus size not recommended for 550 kV.

Blue highlighted items are industry standard and most frequently ordered.

WELDED T-CONNECTOR

(Continued)

SWT-A-A

Catalog Number	Run 'A' Aluminum Tube	Tap 'AA' Aluminum Tube		Run Data		Dimensions Inches/[mm]				
		Tube	AA	Nom. Tube	A	B	BB	W	WW	Y
SWT21A17A	2″ to 3-1/2″	1-1/2″	1.90 [48]	2″	2.38 [60.4]	3.19 [81]	1.00 [25]	2.62 [67]	2.52 [64]	2.35 [60]
				2-1/2″	2.88 [73]					2.75 [70]
				3″	3.50 [89]					3.14 [80]
				3-1/2″	4.00 [102]					3.43 [87]
SWT21A18A	2″ to 3-1/2″	2″	2.38 [60.4]	2″	2.38 [60.4]	4.00 [102]	1.00 [25]	3.33 [84]	3.00 [76]	2.40 [61]
				2-1/2″	2.88 [73]					2.71 [69]
				3″	3.50 [90]					3.07 [78]
				3-1/2″	4.00 [102]					3.34 [85]
SWT21A19A	2-1/2″ to 3-1/2”	2-1/2″	2.88 [73]	2-1/2″	2.88 [73]	4.00 [102]	1.38 [35]	3.78 [96]	3.68 [93]	3.02 [77]
				3″	3.50 [90]					3.40 [86]
				3-1/2″	4.00 [102]					3.70 [94]
SWT21A20A	2″ to 3-1/2″	3″	3.50 [90]	3″	3.50 [102]	4.56 [116]	1.38 [35]	4.52 [115]	4.34 [110]	3.33 [87]
				3-1/2″	4.00 [102]	4.56 [116]	1.38 [35]	4.52 [115]	4.34 [110]	3.70 [55]
SWT22A18A	4″	2″	2.38 [60.4]	4″	4.50 [114]	4.00 [102]	1.00 [13]	3.50 [102]	3.00 [76]	3.45 [87]
SWT22A19A		2-1/2″	2.88 [73]			4.00 [102]	1.38 [35]	4.80 [122]	3.70 [94]	3.83 [97]
SWT22A20A		3″	3.50 [102]			4.56 [116]	1.38 [35]	4.50 [114]	4.38 [64]	3.83 [97]
SWT22A21A		3-1/2″	4.00 [102]			5.50 [140]	4.38 [25]	5.00 [127]	4.88 [124]	3.87 [98]
SWT22A22A		4″	4.50 [114]			6.00 [152]	1.38 [35]	5.60 [142]	5.46 [139]	3.89 [99]
SWT24A20A	5″	3″	3.50 [48]	5″	5.56 [141]	4.72 [120]	1.38 [35]	4.30 [109]	4.40 [112]	4.33 [110]
SWT24A21A		3-1/2″	4.00 [102]			5.50 [140]	1.38 [35]	5.00 [127]	4.86 [123]	4.41 [112]
SWT24A22A		4″	4.50 [114]			6.00 [152]	1.38 [35]	5.60 [142]	5.46 [139]	4.41 [112]
SWT24A24A		5″	5.56 [141]			7.38 [187]	1.62 [41]	6.84 [174]	6.64 [169]	4.66 [118]
SWT86A20A	6″	3″	3.50 [90]	6″	6.62 [168]	4.56 [116]	1.88 [48]	5.00 [127]	4.40 [112]	4.89 [124]
SWT86A21A		3-1/2″	4.00 [102]			5.50 [140]	1.38 [35]	5.50 [140]	4.40 [112]	4.94 [125]
SWT86A22A		4″	4.50 [114]			6.00 [152]	1.38 [35]	6.66 [169]	5.50 [140]	4.75 [121]
SWT86A24A		5″	5.56 [141]			7.38 [187]	1.62 [41]	6.84 [174]	6.66 [169]	5.17 [131]
SWT86A86A		6″	6.62 [168]			8.00 [203]	1.62 [41]	8.00 [203]	7.82 [199]	5.00 [127]

NOTES:
1. Dimensions in brackets [ ] are in millimeters.
2. Conductor smaller than 3 inch bus size not recommended for 550 kV.

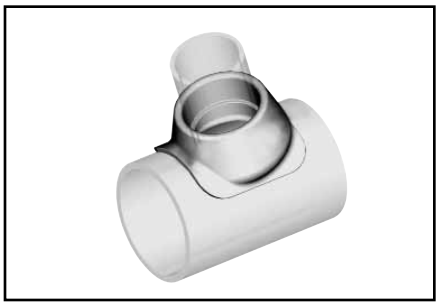
WELDED T-CONNECTOR

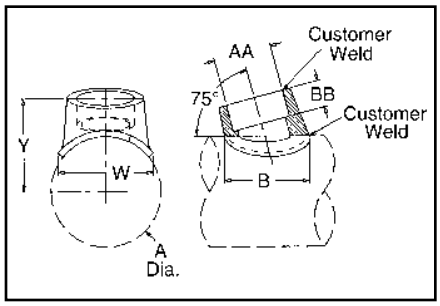
SWT-A-A-75

Weld type
Application: Bus "A" Frame Connector (75°)

EHV RATED: SELF-SHIELDING UP TO 550 kV

Material: Cast 356 Aluminum Alloy





Catalog Number	Aluminum Tube				Dimensions In./[mm]			
	Run		Tap					
	Nominal	A	Nominal	AA	B	BB	W	Y
SWT18A16A-75	2″	2.38 [60.4]	1-1/4″	1.66 [42]	2.69 [68]	1.00 [25]	2.36 [60]	2.57 [65]
SWT18A17A-75			1-1/2″	1.90 [48]	3.19 [81]	1.00 [25]	2.60 [66]	2.60 [66]
SWT19A16A-75	2-1/2″	2.88 [73]	1-1/4″	1.66 [42]	2.69 [68]	1.00 [25]	2.72 [69]	2.83 [72]
SWT19A17A-75			1-1/2″	1.90 [48]	3.19 [81]	1.00 [25]	2.60 [66]	2.87 [73]
SWT19A18A-75			2″	2.38 [60]	4.00 [102]	1.00 [25]	3.10 [79]	2.92 [74]
SWT20A17A-75	3″	3.50 [89]	1-1/2″	1.90 [48]	3.19 [81]	1.00 [25]	2.48 [63]	3.17 [81]
SWT20A18A-75			2″	2.38 [60]	4.00 [102]	1.00 [25]	3.10 [79]	3.23 [82]
SWT20A19A-75			2-1/2″	2.88 [73]	4.00 [102]	1.38 [35]	3.80 [97]	3.65 [93]
SWT21A16A-75	3-1/2″	4.00 [102]	1-1/4″	1.66 [42]	2.69 [68]	1.00 [25]	2.80 [71]	3.37 [86]
SWT21A17A-75			1-1/2″	1.90 [48]	3.19 [68]	1.00 [25]	3.00 [76]	3.41 [87]
SWT21A18A-75			2″	2.38 [42]	4.00 [68]	1.00 [25]	3.50 [89]	3.47 [88]
SWT21A19A-75			2-1/2″	2.88 [73]	4.00 [68]	1.38 [35]	3.78 [96]	3.89 [99]
SWT22A18A-75	4″	4.50 [114]	2″	2.38 [60]	4.12 [105]	1.00 [25]	3.75 [95]	3.71 [94]
SWT22A19A-75			2-1/2″	2.88 [73]	4.00 [102]	1.38 [35]	4.20 [107]	4.16 [106]
SWT22A20A-75			3″	3.50 [89]	4.56 [116]	1.38 [35]	4.50 [114]	4.24 [108]
SWT24A18A-75	5″	5.56 [141]	2″	2.38 [60]	4.00 [102]	1.00 [25]	3.60 [91]	4.26 [108]
SWT24A19A-75			2-1/2″	2.88 [73]	4.00 [102]	1.38 [35]	4.90 [124]	4.76 [121]
SWT24A20A-75			3″	3.50 [89]	4.56 [116]	1.38 [35]	4.98 [126]	4.77 [121.2]
SWT86A20A-75	6″	6.62 [168]	3″	3.50 [89]	4.56 [116]	1.38 [35]	5.08 [129]	5.31 [135]
SWT86A21A-75			3-1/2″	4.00 [102]	5.50 [140]	1.38 [35]	5.47 [139]	5.43 [138]
SWT86A22A-75			4″	4.50 [114]	6.00 [152]	1.38 [35]	6.06 [154]	5.47 [139]

NOTES:
1. Dimensions in brackets [ ] are in millimeters.
2. Conductor smaller than 3 inch bus size not recommended for 550 kV.

Blue highlighted items are industry standard and most frequently ordered.

WELDED V-CONNECTOR

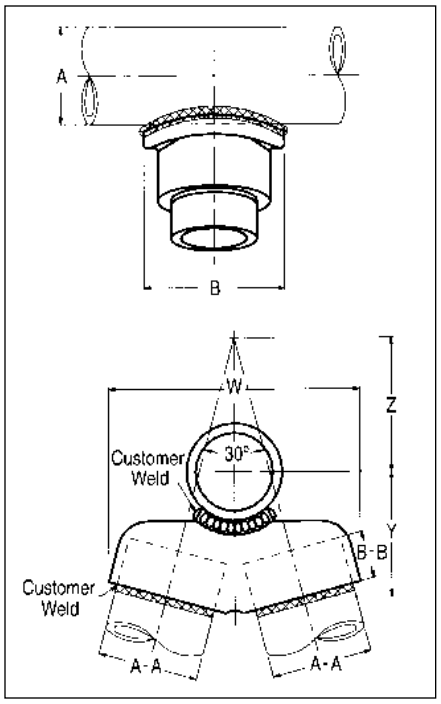
SWAT-A-A-30

Weld type
Application: Bus "A" Frame Connector (30°)

EHV RATED: SELF-SHIELDING UP TO 550 kV

Material: Cast 356 Aluminum Alloy





Catalog Number	Aluminum I.P.S. Run "A"	Aluminum I.P.S. Tap "A-A"	B	B-B	W	Y	Z
SWAT18A16A-30	2″ (2.375 Dia.)	1-1/4″ (1.660 Dia.)	3.25 [83]	1.00 [25]	4.81 [122]	3.19 [81]	1.76 [45]
SWAT18A17A-30		1-1/2″ (1.900 Dia.)	3.50 [89]	1.00 [25]	5.25 [133]	3.00 [76]	2.34 [59]
SWAT18A18A-30		2″ (2.375 Dia.)	4.00 [102]	1.00 [25]	6.38 [160]	3.12 [71]	3.46 [88]
SWAT19A16A-30	2-1/2″ (2.875 Dia.)	1-1/4″ (2.375 Dia.)	3.25 [83]	1.00 [25]	4.82 [122]	3.31 [84]	1.74 [44]
SWAT19A17A-30		1-1/2″ (1.900 Dia.)	3.50 [89]	1.00 [25]	5.25 [132]	3.28 [83]	2.00 [51]
SWAT19A18A-30		2″ (2.375 Dia.)	4.00 [102]	1.00 [25]	6.19 [157]	3.19 [81]	3.04 [77]
SWAT20A17A-30	3″ (3.500 Dia.)	1-1/2″ (1.900 Dia.)	3.50 [89]	1.00 [25]	5.12 [130]	3.44 [87]	1.87 [47]
SWAT20A18A-30		2″ (2.375 Dia.)	4.00 [102]	1.00 [25]	6.25 [159]	3.50 [89]	2.71 [69]
SWAT2019A-30		2-1/2″ (2.875 Dia.)	4.38 [111]	1.38 [35]	7.19 [183]	3.88 [99]	3.41 [87]
SWAT21A16A-30	3-1/2″ (4.000 Dia.)	1-1/4″ (2.375 Dia.)	3.25 [83]	1.00 [25]	5.06 [129]	3.34 [85]	2.07 [53]
SWAT21A17A-30		1-1/2″ (1.900 Dia.)	3.50 [89]	1.00 [25]	5.25 [132]	3.44 [87]	1.97 [50]
SWAT21A18A-30		2″ (2.375 Dia.)	4.00 [102]	1.00 [25]	6.31 [160]	3.16 [80]	2.68 [68]
SWAT21A19A-30		2-1/2″ (2.0875 Dia.)	4.38 [111]	1.38 [35]	7.38 [187]	4.00 [102]	3.09 [78]
SWAT21A20A-30		3″ (3.500 Dia.)	5.00 [127]	1.38 [35]	8.38 [213]	4.12 [105]	4.21 [107]
SWT22A18A-30	4″ (4.500 Dia.)	2″ (2.375 Dia.)	4.00 [102]	1.00 [25]	6.50 [165]	3.81 [97]	2.82 [72]
SWT22A19A-30		2-1/2″ (2.875 Dia.)	4.38 [111]	1.38 [35]	7.41 [188]	4.09 [104]	3.13 [80]
SWAT22A20A-30		3″ (3.500 Dia.)	5.12 [130]	1.38 [1.38]	8.62 [219]	4.28 [109]	4.05 [103]
SWAT24A18A-30	5″ (5.563 Dia.)	2″ (2.375 Dia.)	4.00 [102]	1.00 [25]	6.50 [165]	3.81 [97]	3.06 [78]
SWAT24A19A-30		2-1/2″ (2.875 Dia.)	4.38 [111]	1.38 [35]	7.38 [187]	4.47 [114]	2.87 [73]
SWAT24A20A-30		3″ (3.500 Dia.)	2.12 [130]	1.38 [35]	8.62 [219]	4.62 [117]	3.76 [96]
SWAT86A20A-30	6″ (6.625 Dia.)	3″ (3.500 Dia.)	5.12 [130]	1.38 [35]	8.69 [221]	4.81 [122]	3.57 [91]
SWAT86A21A-30		3-1/2″ (4.000 Dia.)	5.88 [149]	1.38 [35]	9.69 [246]	5.19 [132]	4.11 [104]
SWAT86A22A-30		4″ (4.500 Dia.)	6.25 [159]	1.38 [35]	10.62 [270]	5.00 [127]	5.15 [131]

NOTES:
1. Dimensions in brackets [ ] are in millimeters
2. Conductor smaller than 3 inch bus size not recommended for 550 kV.

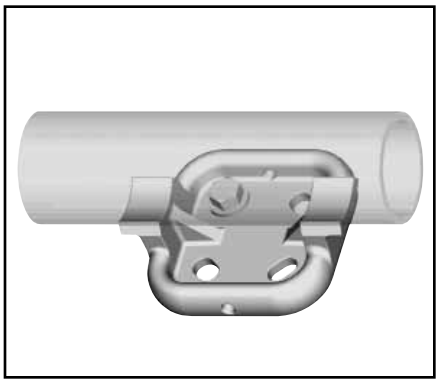
WELDED RIGID BUS SUPPORT

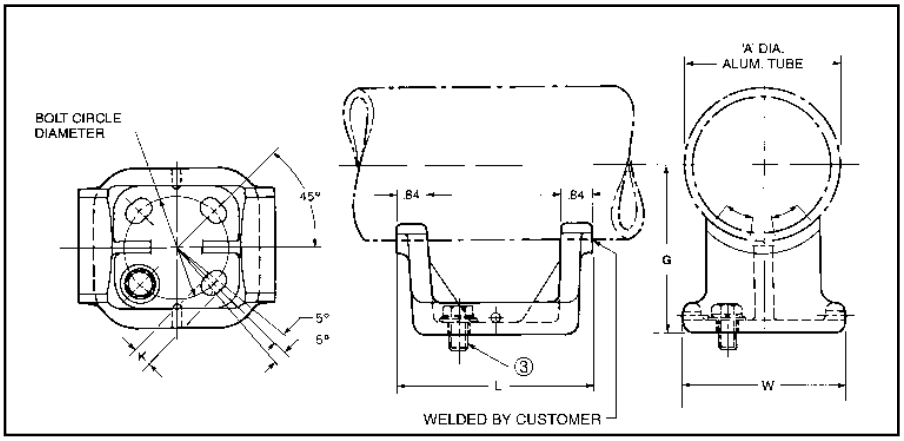
SWOH-A

Weld type
Application: Fixed Bus Support to Insulator

EHV RATED: SELF-SHIELDING UP TO 550 kV— When used on Corona free Post Insulators

Material: Cast 356 Aluminum Alloy





Catalog Number	"A" Dia. Alum. Tube	Bolt Circle Dia.	G	K	L	W
SWOH18A-3	2" (2.375 Dia.) [60]	3.00 [76]	2.75 [70]	.56 [14]	5.60 [142]	4.96 [126]
SWOH18A-5		5.00 [127]		.69 [18]	7.48 [190]	6.76 [172]
SWOH19A-3	2-1/2" (2.875 Dia.) [73]	3.00 [76]	3.12 [79]	.56 [14]	6.06 [154]	5.19 [132]
SWOH19A-5		5.00 [127]		.69 [18]	7.62 [194]	6.80 [173]
SWOH20A-3	3" (3.500 Dia.) [89]	3.00 [76]	3.00 [76]	.56 [14]	5.78 [147]	4.96 [126]
SWOH20A-5		5.00 [127]		.69 [18]	7.20 [183]	6.29 [160]
SWOH21A-3	3-1/2" (4.000 Dia.) [102]	3.00 [76]	4.00 [102]	.56 [14]	5.80 [147]	4.96 [126]
SWOH21A-5		5.00 [127]		.69 [18]	7.58 [193]	6.76 [172]
SWOH22A-3	4" (4.500 Dia.) [114]	3.00 [76]	4.50 [114]	.56 [14]	5.82 [148]	4.96 [126]
SWOH22A-5		5.00 [127]		.69 [18]	7.68 [195]	6.57 [167]
SWOH24A-5	5" (5.563 Dia.) [141]	5.00 [127]	5.00 [127]	.69 [18]	7.68 [195]	6.57 [167]
SWOH86A-5	6" (6.625 Dia.) [168]	5.00 [127]	5.50 [140]	.69 [18]	7.68 [195]	6.57 [167]

NOTES:
1. Dimensions in brackets [ ] are in millimeters.
2. "G" dimension conforms to NEMA standards.
③ Cap mounting (galvanized steel) hardware supplied as standard. For Base Mounting hardware add SUFFIX "B" to catalog number (example: SWOH22A-5B).
4. Conductors smaller than 3 inch bus size not recommended for 550 kV.

Blue highlighted items are industry standard and most frequently ordered.

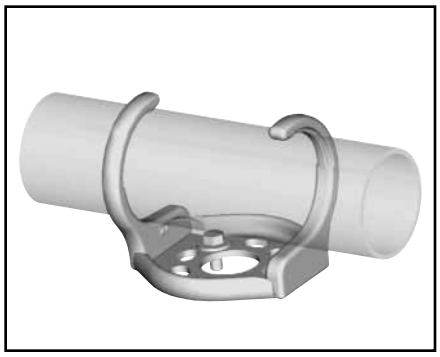
WELDED RIGID OR SLIP FIT BUS SUPPORT

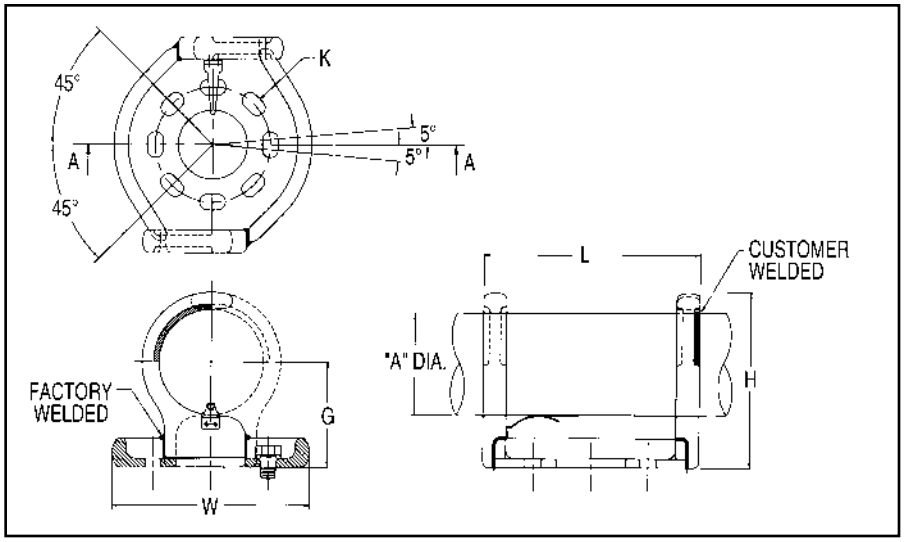
SWHRH-A

Welded type
Application: Fixed or Slip Fit Bus Support to Insulator.

EHV RATED: SELF-SHIELDING UP TO 550 kV— When used on corona free Post Insulators.

Material: Cast 356 Aluminum Alloy





Catalog Number	Catalog Number	Aluminum Conductor				3″ Bolt Circle			5″ Bolt Circle		
3″ Bolt Circle	5″ Bolt Circle	IPS/EHPS	"A" Dia.	G	H	K	L	W	K	L	W
SWHRH18A-3CH	SWHRH18A-5CH	2″	2.38 [60]	2.75 [70]	4.58 [116]	.56 × .75 [14 × 19]	7.76 [197]	6.26 [159]	.69 × .88 [18 × 22]	9.37 [238]	8.61 [219]
SWHRH19A-3CH	SWHRH19A-5CH	2-1/2″	2.88 [73]	3.12 [79]	5.21 [132]						
SWHRH20A-3CH	SWHRH20A-5CH	3″	3.50 [89]	3.62 [92]	6.15 [156]						
SWHRH21A-3CH	SWHRH21A-5CH	3-1/2″	4.00 [102]	4.00 [102]	6.77 [172]						
SWHRH22A-3CH	SWHRH22A-5CH	4″	4.50 [114]	4.50 [114]	7.52 [191]						
SWHRH24A-3CH	SWHRH24A-5CH	5″	5.56 [141]	5.00 [127]	8.68 [220]						
SWHRH86A-3CH	SWHRH86A-5CH	6″	6.63 [168]	5.50 [140]	9.71 [247]			8.61 [219]			

NOTES:
1. Dimensions in brackets [ ] are in millimeters.
2. G dimension conforms to NEMA standards.
3. Cap mounting (galvanized steel) hardware supplied as standard. For Base mounting hardware add SUFFIX "B'" to catalog number (example: SWHRH22A-5B).
4. Conductors smaller than 3 inch bus size not recommended for 550 kV.

Blue highlighted items are industry standard and most frequently ordered.

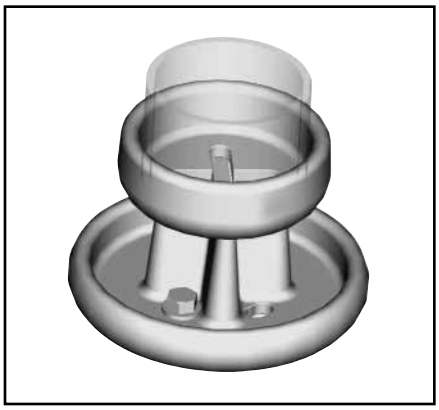
WELDED VERTICAL BUS SUPPORT

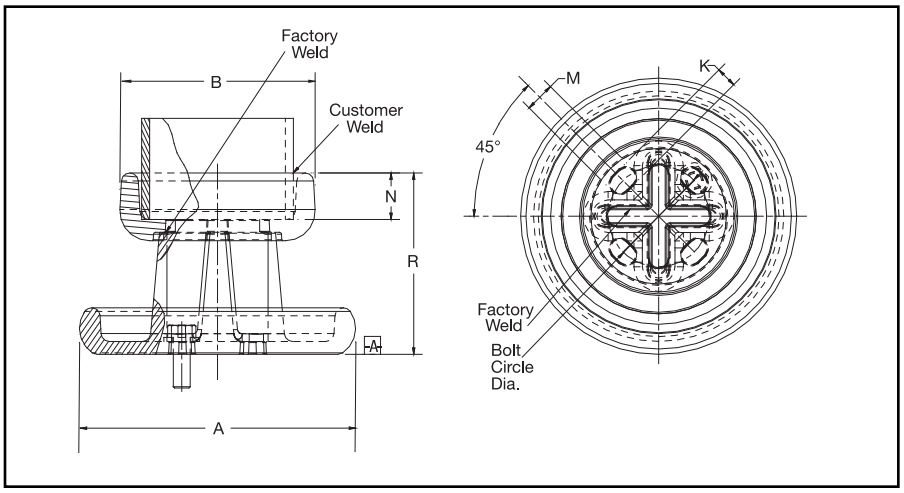
SWVH-A

Weld type
Application: Bus to insulator (Vertical Position)

EHV RATED: SELF-SHIELDING UP TO 550 kV

Material: Cast 356 Aluminum Alloy
Hardware: Galvanized Steel





Catalog No.	Accommodates	Bolt Circle Dia.	"A" Dia.	"B" Dia.	"K" & "M" Slot	N	R
SWVH19A-5	2-1/2″ IPS (2.88 Dia.) [73] Alum. Tube	5″	8.19 [208]	4.16 [106]	.69 × 1.12 [18] [28]	1.38 [35]	5.38 [137]
SWVH19A-7		7″	10.25 [260]		.81 × 1.44 [21] [37]		
SWVH20A-5	3″ IPS (3.50 Dia.) [89] Alum. Tube	5″	8.19 [208]	4.79 [122]	.69 × 1.12 [18] [28]		
SWVH20A-7		7″	10.25 [260]		.81 × 1.44 [21] [37]		
SWVH22A-5	4″ IPS (4.50 Dia.) [114] Alum. Tube	5″	8.19 [208]	5.79 [147]	.69 × 1.12 [18] [28]		
SWVH22A-7		7″	10.25 [260]		.81 × 1.44 [21] [37]		
SWVH24A-5	5″ IPS (5.56 Dia.) [141] Alum. Tube	5″	8.19 [208]	6.87 [175]	.69 × 1.12 [18] [28]		
SWVH24A-7		7″	10.25 [260]		.81 × 1.44 [21] [37]		
SWVH86A-5	6″ IPS (6.63 Dia.) [168] Alum. Tube	5″	8.19 [208]	7.93 [201]	.69 × 1.12 [18] [28]		
SWVH86A-7		7″	10.25 [260]		.81 × 1.44 [21] [37]		

NOTES:
1. Dimensions in brackets [ ] are in millimeters.
2. Cap mounting hardware supplied. For base mounted hardware add SUFFIX "B" to catalog number (example: SWVH22A5B).
3. Conductors smaller than 3 inch not recommended for 550 kV.

Blue highlighted items are industry standard and most frequently ordered.

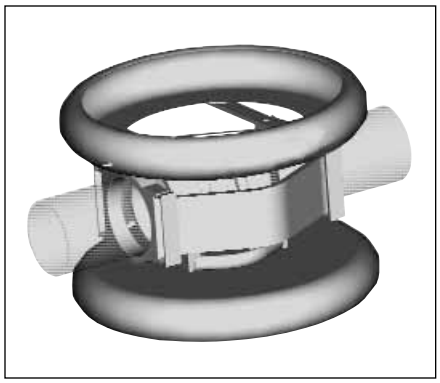
WELDED EXPANSION BUS SUPPORT COUPLER

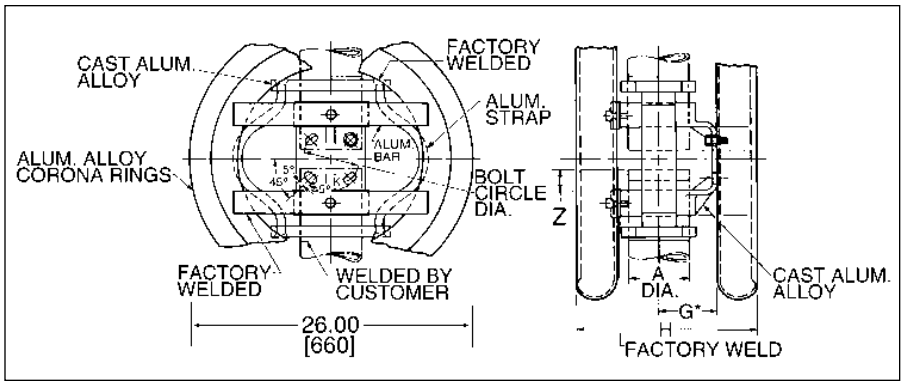
SWXHP-A

Weld type
Application: Bus to Bus Expansion
Coupler to Insulator

EHV RATED: SELF-SHIELDING up to 550 kV

Material: Cast 356 Aluminum Alloy
Corona Rings: Aluminum Alloy
Straps: Laminated Aluminum Strap





Catalog Number		"A" Dia.	Bolt				Total ①
Sch 40	Sch 80	Alum. Tube	Circle Dia.	G*	K	H	Movement
SWXHP19A-5	SWXHP59A-5	2-1/2" (2.88 Dia.) [73]	5.00 [127]	3.12 [79]	.69 [18]	12.77 [324]	3.00 [76]
SWXHP20A-5	SWXHP90A-5	3" (3.50 Dia.) [89]	5.00 [127]	3.62 [92]	.69 [18]	13.62 [346]	3.00 [76]
SWXHP21A-5	SWXHP91A-5	3-1/2" (4.00 Dia.) [102]	5.00 [127]	4.00 [102]	.69 [18]	14.25 [362]	3.00 [76]
SWXHP22A-5	SWXHP92A-5	4" (4.50 Dia.) [114]	5.00 [127]	4.50 [114]	.69 [18]	14.90 [378]	4.00 [102]
SWXHP24A-5	SWXHP94A-5	5" (5.56 Dia.) [141]	5.00 [127]	5.25 [133]	.69 [18]	16.31 [414]	4.00 [102]
SWXHP86A-5	SWXHP96A-5	6" (6.63 Dia.) [168]	5.00 [127]	5.50 [140]	.69 [18]	17.34 [440]	4.00 [102]

NOTES:

*Conforms to NEMA standards.
① Maximum movement per end equals one-half of total movement specified in table.
2. Dimensions in brackets [ ] are in millimeters.
3. Cap mounting hardware supplied (Galvanized Steel). For base mounted hardware add SUFFIX "B" to catalog number (example: SWXHP20A5B).
4. Conductors smaller than 3 inch not recommended for 550 kV.
5. Bus support couplers are supplied without bus end plugs. If end plugs are required, add SUFFIX "EP" to catalog number (example: SWXHP20A5EP).
⑥ Table is based on 80 ft. max. bus run (total) or 40 ft. per end.
⑦ Table is based on 110 ft. max. bus run (total) or 55 ft. per end.

Installation Data		
Bus Temp F°	3" Total Movement Z ⑥	4" Total Movement Z ⑦
–20	.75	.75
–10	.82	.84
0	.89	.83
10	.95	1.02
20	1.02	1.11
30	1.09	1.20
40	1.16	1.29
50	1.23	1.39
60	1.30	1.48
70	1.36	1.57
80	1.43	1.66
90	1.50	1.75 ← NOMINAL POSITION
100	1.57	1.84
110	1.64	1.93
120	1.70	2.02
130	1.77	2.11
140	1.84	2.20
150	1.91	2.29
160	1.98	2.39
170	2.05	2.48
180	2.11	2.57
190	2.18	2.66
200	2.25	2.75

Blue highlighted items are industry standard and most frequently ordered.

WELDED 90° ELBOW

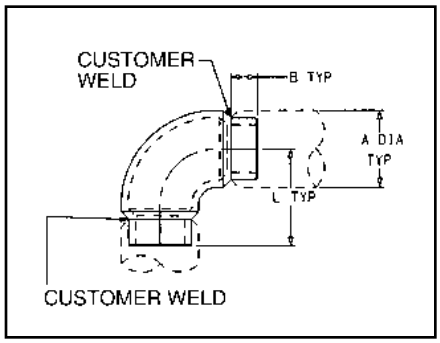
SWL-A

Weld type
Application: Bus to Bus Elbow, 90°

EHV RATED: SELF-SHIELDING UP TO 550 kV

Material: Cast 356 Aluminum Alloy





Catalog Number		Conductor Aluminum Tubing Size	Dimensions In./[mm]		
Sch. 40	Sch. 80		A Dia.	B	L
SWL18A	SWL58A	2″	2.38 [60.4]	1.00 [25]	3.50 [89]
SWL19A	SWL59A	2-1/2″	2.88 [73]	1.38 [35]	3.88 [99]
SWL20A	SWL90A	3″	3.50 [89]		4.68 [119]
SWL21A	SWL91A	3-1/2″	4.00 [102]		5.12 [130]
SWL22A	SWL92A	4″	4.50 [114]		5.63 [143]
SWL24A	SWL93A	5″	5.56 [141]	1.62 [41]	6.16 [156]
SWL86A	SWL96A	6″	6.63 [168]		6.16 [156]

NOTES:
1. Dimensions in brackets [ ] are in millimeters.
2. Conductor smaller than 3 inch bus size not recommended for 550 kV
3. For 45° angle ADD SUFFIX "45" to catalog number (example: SWL22A-45).

Blue highlighted items are industry standard and most frequently ordered.

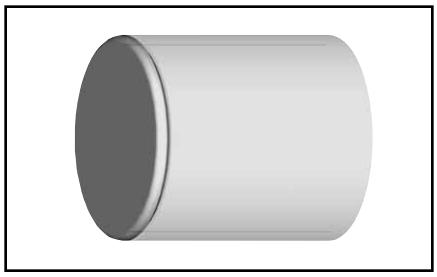
WELDED END PLUG

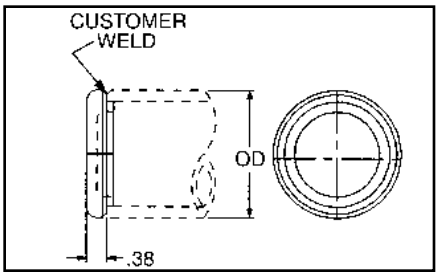
WLB-A

Weld type
Application: Bus to End Cap, used with shielded bus support/expansion couplers

EHV RATED: UP TO 550 kV when used with shielded bus and expansion connectors

Material: Cast 356 Aluminum Alloy





Catalog Number		O.D.	Conductor Aluminum Tubing Size
Sch. 40	Sch. 80		
WLB15A	WLB55A	1.32 [34]	1″
WLB16A	WLB56A	1.66 [42]	1-1/4″
WLB17A	WLB57A	1.90 [48]	1-1/2″
WLB18A	WLB58A	2.38 [60]	2″
WLB19A	WLB59A	2.88 [73]	2-1/2″
WLB20A	WLB90A	3.50 [89]	3″
WLB21A	WLB91A	4.00 [102]	3-1/2″
WLB22A	WLB92A	4.50 [114]	4″
WLB24A	WLB94A	5.56 [141]	5″
WLB86A	WLB96A	6.62 [168]	6″

NOTES:
1. Dimensions in brackets [ ] are in millimeters.
2. Conductor smaller than 3 inch bus size not recommended for 550 kV.

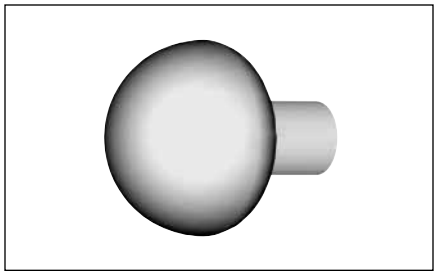
WELDED CORONA BELL

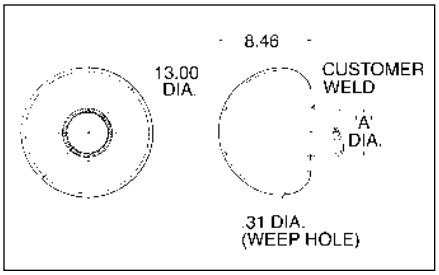
SCB-A

Weld type
Application: Bus to Corona Bell

EHV RATED: SELF-SHIELDING UP TO 550 kV

Material: Aluminum Alloy





Catalog Number	Accommodates 'A' Dia. Aluminum Tube
SCB19A	2-1/2″ (2.875 Dia.)
SCB20A	3″ (3.500 Dia.)
SCB21A	3-1/2″ (4.000 Dia.)
SCB22A	4″ (4.500 Dia.)
SCB24A	5″ (5.563 Dia.)
SCB86A	6″ (6.625 Dia.)

NOTES:
1. For bolted design contact factory.
2. Dimensions in brackets [ ] are in millimeters.
3. Conductor smaller than 3 inch bus size not recommended for 550 kV.

Blue highlighted items are industry standard and most frequently ordered.

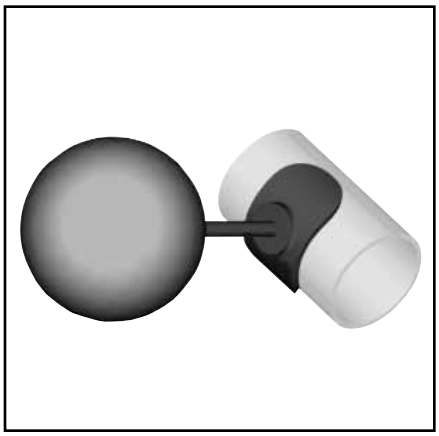
WELDED GROUND STUD

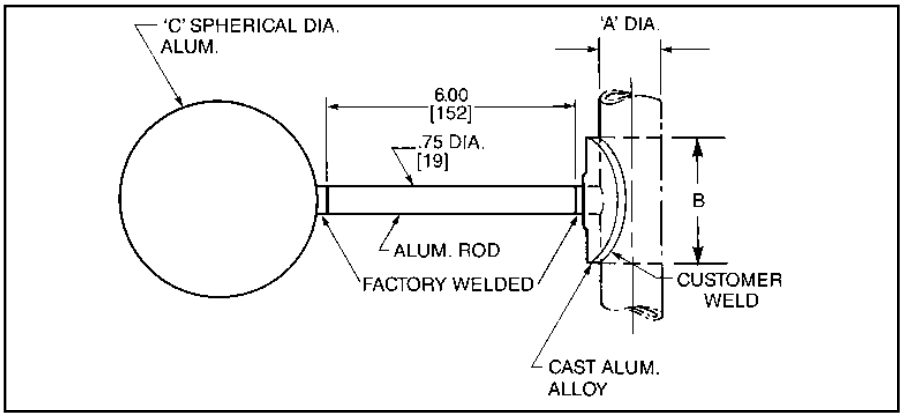
SWCB-A

Weld type
Application: Bus to corona sphere

EHV RATED: SELF-SHIELDING UP TO 550 kV

Material: Cast 356 Aluminum Alloy
Corona Sphere: Aluminum Alloy





Catalog Number	'A' Dia. Aluminum Tube	'C' Dia.	B
SWCB19A	2-1/2″ I.P.S. (2.875 Dia.) [73]	9.00 [229]	1.50 [38]
SWCB20A	3″ I.P.S. (3.500 Dia.) [89]		3.00 [76]
SWCB22A	4″ I.P.S. (4.500 Dia.) [114]		4.00 [102]
SWCB24A	5″ I.P.S. (5.563 Dia.) [141]		
SWCB86A	6″ I.P.S. (6.625 Dia.) [168]		

NOTES:
1. Dimensions in brackets [ ] are in millimeters.
2. Conductor smaller than 3 inch bus size not recommended for 550 kV.

TERMINAL PAD CAP

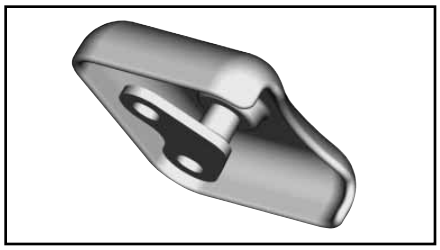
(Two Piece)

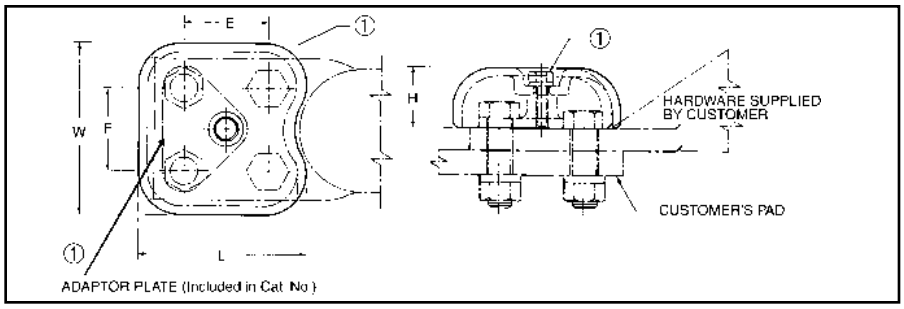
STS-A-N

Bolted type
Application: Pad shielding

EHV RATED: SELF-SHIELDING UP TO 550 kV

Material: Cast 356 Aluminum Alloy
Hardware: 1/4″–20 × 3-3/4″ LG Stainless Steel Hex Hd. Bolt and Split Lockwasher





Catalog Number ①	E	F	H	L	W	Maximum Shielded Area
STS33A-4N	1.75 [44]	1.75 [44]	1.25 [32]	3.48 [88]	3.62 [92]	3 × 3 [76] × [76]
STS43A-4N	1.75 [44]	1.75 [44]	1.31 [33]	3.36 [85]	4.50 [114]	4.00 × 3.12 [102 × 79]
STS44A-4N ②	1.75 [44]	1.75 [44]	1.25 [32]	4.50 [114]	4.62 [117]	4 × 4 [102 × 102]

① Catalog number includes one pad cap, one adapter plate, and stainless steel adaptor hardware.

② Used with YNA451R-T and YNA451R-T15 through YNA594R-T and YNA594R-T15 compresseion terminals.

TERMINAL PAD CAP

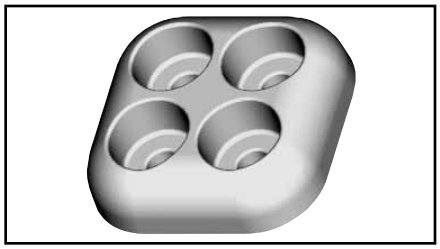
(One Piece)

STS-A-NCG

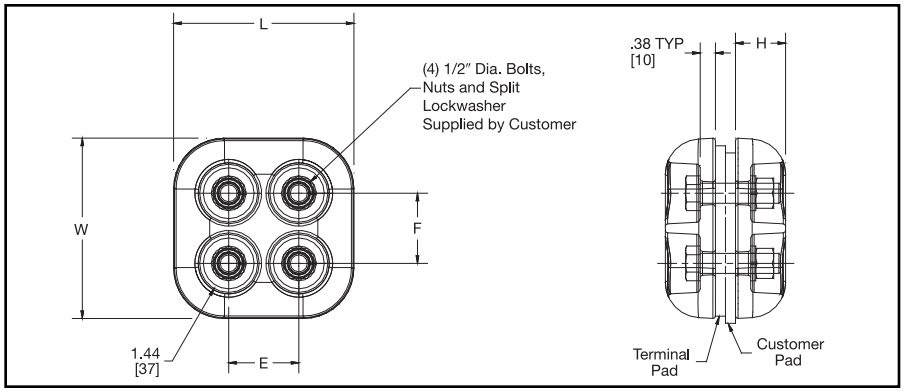
Bolted type
Application: Pad shielding

EHV RATED: SELF-SHIELDING UP TO 550 kV

Material: Cast 356 Aluminum Alloy







Catalog Number	E	F	H	J Dia.	L	W	Maximum Shielded Area
STS44A-4NCG2	1.75 [44]	1.75 [44]	1.25 [32]	1/2–13	4.50 [114]	4.50 [114]	4 × 4
STS46A-6NCG1	1.75 [44]	1.75 [44]	1.25 [32]	1/2–13	4.50 [114]	6.50 [165]	6 × 4

NOTES:
1. Dimensions in brackets [ ] are in millimeters.
2. Catalog number is for one shielding cap only. If more than one is required, specifiy total quantity.

BOLTED BUNDLED CABLE SPACER

S2GBP-A (Spacer)
S2GBPA-A (Terminal Tap)
SH2GBP-A (Bus Support)

Bolted type
Applications: Cable to Cable spacer (Two Cables), Cable spacer with four hole pad, and Cable spacer to insulator.

EHV RATED: SELF-SHIELDING UP TO 550 kV

Material: Cast 356 Aluminum Alloy
Hardware: Aluminum Alloy



Fig. 1

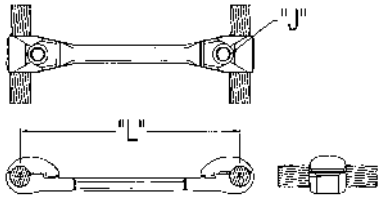


Fig. 1

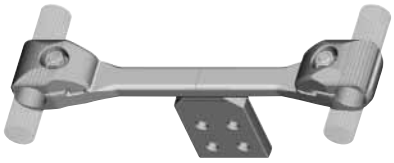


Fig. 2

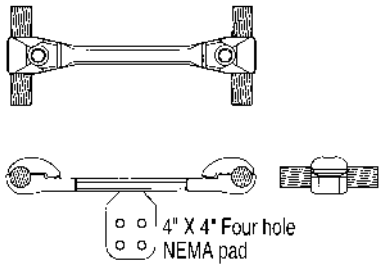


Fig. 2

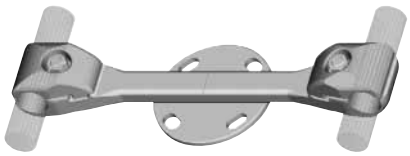


Fig. 3

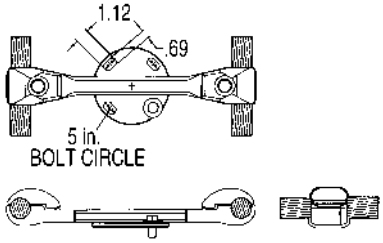


Fig. 3

M-30

Catalog Number			Cable Range		Cable Dia.			
Fig. 1	Fig. 2	Fig. 3	AAC	ACSR	Min.	Max.	"L"	"J" Dia.
S2GBP41A	S2GBPA41A	SH2GBP41A5	795 kcmil 37 Str. (1.026 Dia.) 874.5 kcmil 61 Str. (1.077 Dia.)	715 kcmil 24/7 Str. (1.036 Dia.) 715.5 kcmil 26/7 Str. (1.051 Dia.)	1.026 [26]	1.092 [28]	18.00 [457]	5/8"–11 X 1-1/2" LG. Alum. Alloy
S2GBP41A12	S2GBPA41A12	SH2GBP41A512					12.00 [305]	
S2GBP44A	S2GBPA44A	SH2GBP44A5	954 kcmil 61 Str. (1.126 Dia.)	795 kcmil 24/7 Str. (1.092 Dia.) 795 kcmil 54/7 Str. (1.093 Dia.)	1.092 [28]	1.165 [30]	18.00 [457]	5/8"–11 X 1-3/4" LG. Alum. Alloy
S2GBP44A12	S2GBPA44A12	SH2GBP44A512					12.00 [305]	
S2GBP445A	S2GBPA445A	SH2GBP445A5	1033.5 kcmil 37 Str. (1.170 Dia.) 1113 kcmil 61 Str. (1.216 Dia.)	954 kcmil 45/7 Str. (1.165 Dia.) 1033.5 kcmil 45/7 Str. (1.213 Dia.)	1.165 [30]	1.246 [32]	18.00 [457]	
S2GBP445A12	S2GBPA445A12	SH2GBP445A512					12.00 [305]	
S2GBP45A	S2GBPA45A	SH2GBP45A5	1192 kcmil 61 Str. (1.258 Dia.) 1272 kcmil 61 Str. (1.300 Dia.)	1033.5 kcmil 54/7 Str. (1.246 Dia.) 1192.5 kcmil 54/19 Str. (1.333 Dia.)	1.246 [32]	1.382 [35]	18.00 [457]	
S2GBP45A12	S2GBPA45A12	SH2GBP45A512					12.00 [305]	

(Table continued on next page)

NOTES:
1. Dimensions in brackets [ ] are in millimeters.
2. For stainless steel hardware add SUFFIX "SS" to catalog number (example: S2GBP41ASS).
3. For variations in cable spacing contact factory.
4. For pad rotated 90° on S2GBPA-A add suffix R90 to the catalog number (example: S2GBPA44AR90).
5. For Bolt Circles other than 5 inch on type SH2GBP-A contact factory.
6. **S2GBPA-A connectors rated 550 kV when used with type "STS" Shielding Caps. Ordered separately, refer to page 32.**

Blue highlighted items are industry standard and most frequently ordered.

BOLTED BUNDLED CABLE SPACER

(Continued)

S2GBP-A (Spacer)
S2GBPA-A (Terminal Tap)
SH2GBP-A (Bus Support)

Catalog Number			Cable Range		Cable Dia.			
Fig. 1	Fig. 2	Fig. 3	AAC	ACSR	Min.	Max.	"L"	"J" Dia.
S2GBP46A	S2GBPA46A	SH2GBP46A5	1590 kcmil 61 Str. (1.453 Dia.) 1600 kcmil 127 Str. (1.454 Dia.)	1272 kcmil 54/19 Str. (1.382 Dia.) 1431 kcmil 54/19 Str. (1.465 Dia.)	1.382 [35]	1.504 [38]	18.00 [457]	5/8"–11 X 1-3/4" LG. Alum. Alloy
S2GBP46A12	S2GBPA46A12	SH2GBP46A512					12.00 [305]	
S2GBP48A	S2GBPA48A	SH2GBP48A5	1750 kcmil 127 Str. (1.526 Dia.) 2000 kcmil 91 Str. (1.630 Dia.)	1590 kcmil 45/7 Str. (1.502 Dia.) 1750 kcmil 84/19 Str. (1.602 Dia.)	1.504 [38]	1.632 [41]	18.00 [457]	
S2GBP48A12	S2GBPA48A12	SH2GBP48A512					12.00 [305]	
S2GBP483A	S2GBPA483A	SH2GBP483A5	2000 kcmil 91 Str. (1.630 Dia.) 2250 kcmil 91 Str. (1.729 Dia.)	1890 kcmil 84/19 Str. (1.650 Dia.) 2167 kcmil 72/7 Str. (1.737 Dia.)	1.632 [41]	1.737 [44]	18.00 [457]	5/8"–11 X 2" LG. Alum. Alloy
S2GBP483A12	S2GBPA483A12	SH2GBP483A512					12.00 [305]	
S2GBP486A	S2GBPA486A	SH2GBP486A5	2300 kcmil 61 Str. (1.750 Dia.) 2500 kcmil 127 Str. (1.823 Dia.)	2167 kcmil 72/7 Str. (1.737 Dia.) 2156 kcmil 84/19 Str. (1.762 Dia.)	1.737 [44]	1.824 [46]	18.00 [457]	
S2GBP486A12	S2GBPA486A12	SH2GBP486A512					12.00 [305]	

NOTES:
1. Dimensions in brackets [ ] are in millimeters.
2. For stainless steel hardware add SUFFIX "SS" to catalog number (example: S2GBP41ASS).
3. For variations in cable spacing contact factory.
4. For pad rotated 90° onS2GBPA-A add suffix R90 to the catalog number (example: S2GBPA44AR90).
5. For Bolt Circles other than 5 inch on type SH2GBP-A contact factory.
6. **S2GBPA-A connectors rated 550 kV when used with type "STS" Shielding Caps. Ordered separately, refer to page 32.**

BOLTED BUNDLED CABLE SPACER (Two Bolt Clamping)

S2GBP-AB2 (Spacer)
S2GBPA-AB2 (Terminal Tap)
SH2GBP-A-B2 (Bus Support)

Bolted type
Applications: Cable to Cable spacer (Two Cables), Cable spacer with four hole pad, and Cable spacer to insulator.

EHV RATED: SELF-SHIELDING UP TO 550 kV

Material: Cast 356 Aluminum Alloy
Hardware: Aluminum Alloy



Fig. 1

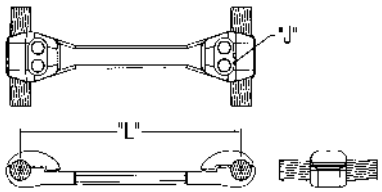


Fig. 1



Fig. 2

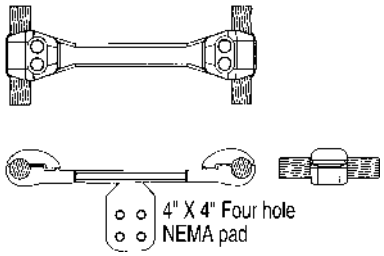


Fig. 2

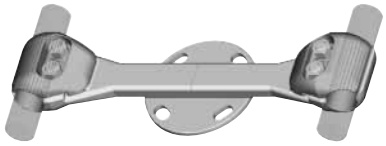


Fig. 3

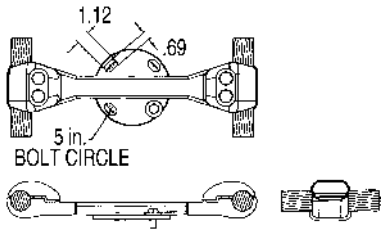


Fig. 3

Catalog Number			Cable Range		Cable Dia.			
Fig. 1	Fig. 2	Fig. 3	AAC	ACSR	Min.	Max.	"L"	"J" Dia.
S2GBP41AB2	S2GBPA41AB2	SH2GBP41A5B2	795 kcmil 37 Str. (1.026 Dia.) 874.5 kcmil 61 Str. (1.077 Dia.)	715 kcmil 24/7 Str. (1.036 Dia.) 715.5 kcmil 26/7 Str. (1.051 Dia.)	1.026 [26]	1.092 [28]	18.00 [457]	5/8"–11 X 1-1/2" LG. Alum. Alloy
S2GBP41A12B2	S2GBPA41A12B2	SH2GBP41A512B2					12.00 [305]	
S2GBP44AB2	S2GBPA44AB2	SH2GBP44A5B2	954 kcmil 61 Str. (1.126 Dia.)	795 kcmil 24/7 Str. (1.092 Dia.) 795 kcmil 54/7 Str. (1.093 Dia.)	1.092 [28]	1.165 [30]	18.00 [457]	5/8"–11 X 1-3/4" LG. Alum. Alloy
S2GBP44A12B2	S2GBPA44A12B2	SH2GBP44A512B2					12.00 [305]	
S2GBP445AB2	S2GBPA445AB2	SH2GBP445A5B2	1033.5 kcmil 37 Str. (1.170 Dia.) 1113 kcmil 61 Str. (1.216 Dia.)	954 kcmil 45/7 Str. (1.165 Dia.) 1033.5 kcmil 45/7 Str. (1.213 Dia.)	1.165 [30]	1.246 [32]	18.00 [457]	
S2GBP445A12B2	S2GBPA445A12B2	SH2GBP445A512B2					12.00 [305]	
S2GBP45AB2	S2GBPA45AB2	SH2GBP45A5B2	1192 kcmil 61 Str. (1.258 Dia.) 1272 kcmil 61 Str. (1.300 Dia.)	1033.5 kcmil 54/7 Str. (1.246 Dia.) 1192.5 kcmil 54/19 Str. (1.333 Dia.)	1.246 [32]	1.382 [35]	18.00 [457]	
S2GBP45A12B2	S2GBPA45A12B2	SH2GBP45A512B2					12.00 [305]	

(Table continued on next page)

NOTES:
1. Dimensions in brackets [ ] are in millimeters.
2. For stainless steel hardware add SUFFIX "SS" to catalog number (example: S2GBP41AB2SS).
3. For variations in cable spacing contact factory.
4. For pad rotated 90° on S2GBPA-AB2 add suffix R90 to the catalog number (example: S2GBPA44AB2R90).
5. For Bolt Circles other than 5 inch on type SH2GBP-A-B2 contact factory.
6. **S2GBPA-B2 connectors rated 550 kV when used with type "STS" Shielding Caps. Ordered separately, refer to page 32.**

BOLTED BUNDLED CABLE SPACER

(Continued)

(Two Bolt Clamping)

S2GBP-AB2 (Spacer)
S2GBPA-AB2 (Terminal Tap)
SH2GBP-A-B2 (Bus Support)

Catalog Number			Cable Range		Cable Dia.			
Fig. 1	Fig. 2	Fig. 3	AAC	ACSR	Min.	Max.	"L"	"J" Dia.
S2GBP46AB2	S2GBPA46AB2	SH2GBP46A5B2	1590 kcmil 61 Str. (1.453 Dia.) 1600 kcmil 127 Str. (1.454 Dia.)	1272 kcmil 54/19 Str. (1.382 Dia.) 1431 kcmil 54/19 Str. (1.465 Dia.)	1.382 [35]	1.504 [38]	18.00 [457]	5/8"–11 X 1-3/4" LG. Alum. Alloy
S2GBP46A12B2	S2GBPA46A12B2	SH2GBP46A512B2					12.00 [305]	
S2GBP48AB2	S2GBPA48AB2	SH2GBP48A5B2	1750 kcmil 127 Str. (1.526 Dia.) 2000 kcmil 91 Str. (1.630 Dia.)	1590 kcmil 45/7 Str. (1.502 Dia.) 1750 kcmil 84/19 Str. (1.602 Dia.)	1.504 [38]	1.632 [41]	18.00 [457]	5/8"–11 X 2" LG. Alum. Alloy
S2GBP48A12B2	S2GBPA48A12B2	SH2GBP48A512B2					12.00 [305]	
S2GBP483AB2	S2GBPA483AB2	SH2GBP483A5B2	2000 kcmil 91 Str. (1.630 Dia.) 2250 kcmil 91 Str. (1.729 Dia.)	1890 kcmil 84/19 Str. (1.650 Dia.) 2167 kcmil 72/7 Str. (1.737 Dia.)	1.632 [41]	1.737 [44]	18.00 [457]	
S2GBP483A12B2	S2GBPA483A12B2	SH2GBP483A512B2					12.00 [305]	
S2GBP486AB2	S2GBPA486AB2	SH2GBP486A5B2	2300 kcmil 61 Str. (1.750 Dia.) 2500 kcmil 127 Str. (1.823 Dia.)	2167 kcmil 72/7 Str. (1.737 Dia.) 2156 kcmil 84/19 Str. (1.762 Dia.)	1.737 [44]	1.824 [46]	18.00 [457]	
S2GBP486A12B2	S2GBPA486A12B2	SH2GBP486A512B2					12.00 [305]	

NOTES:
1. Dimensions in brackets [ ] are in millimeters.
2. For stainless steel hardware add SUFFIX "SS" to catalog number (example: S2GBP41AB2SS).
3. For variations in cable spacing contact factory.
4. For pad rotated 90° on S2GBPA-AB2 add suffix R90 to the catalog number (example: S2GBPA44AB2R90).
5. For Bolt Circles other than 5 inch on type SH2GBP-A-B2 contact factory.
6. **S2GBPA-B2 connectors rated 550 kV when used with type "STS" Shielding Caps. Ordered separately, refer to page 32.**

Blue highlighted items are industry standard and most frequently ordered.

BOLTED BUNDLED CABLE SPACER (Four Bolt Clamping)

S2GBP-AB4 (Spacer)
S2GBPA-AB4 (Terminal Tap)
SH2GBP-A-B4 (Bus Support)

Bolted type
Applications: Cable to Cable spacer (Two Cables), Cable spacers with four hole pad, and Cable spacer to bus support insulator.

EHV RATED: SELF-SHIELDING UP TO 550 kV

Material: Cast 356 Aluminum Alloy
Hardware: Aluminum Alloy



Fig. 1

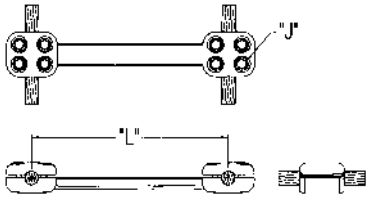


Fig. 1

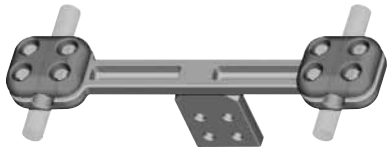


Fig. 2

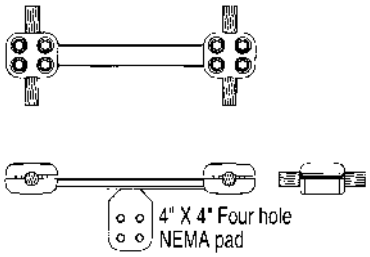


Fig. 2

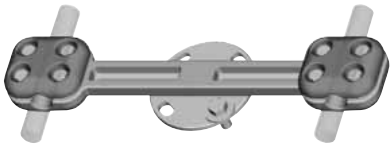


Fig. 3

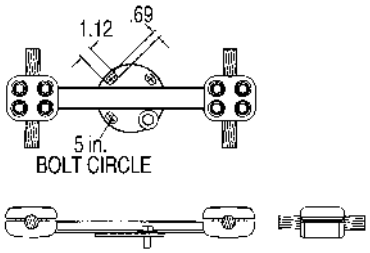


Fig. 3

Catalog Number			Cable Range		Cable Dia.			
Fig. 1	Fig. 2	Fig. 3	AAC	ACSR	Min.	Max.	"L"	"J" Dia.
S2GBP41AB4	S2GBPA41AB4	SH2GBP41A5B4	795 kcmil 37 Str. (1.026 Dia.) 874.5 kcmil 61 Str. (1.077 Dia.)	715 kcmil 24/7 Str. (1.036 Dia.) 715.5 kcmil 26/7 Str. (1.051 Dia.)	1.026 [26]	1.092 [28]	18.00 [457]	5/8"–11 X 1-1/2" LG. Alum. Alloy
S2GBP41A12B4	S2GBPA41A12B4	SH2GBP41A512B4					12.00 [305]	
S2GBP44AB4	S2GBPA44AB4	SH2GBP44A5B4	954 kcmil 61 Str. (1.126 Dia.)	795 kcmil 24/7 Str. (1.092 Dia.) 795 kcmil 54/7 Str. (1.093 Dia.)	1.092 [28]	1.165 [30]	18.00 [457]	5/8"–11 X 1-3/4" LG. Alum. Alloy
S2GBP44A12B4	S2GBPA44A12B4	SH2GBP44A512B4					12.00 [305]	
S2GBP445AB4	S2GBPA445AB4	SH2GBP445A5B4	1033.5 kcmil 37 Str. (1.170 Dia.) 1113 kcmil 61 Str. (1.216 Dia.)	954 kcmil 45/7 Str. (1.165 Dia.) 1033.5 kcmil 45/7 Str. (1.213 Dia.)	1.165 [30]	1.246 [32]	18.00 [457]	
S2GBP445A12B4	S2GBPA445A12B4	SH2GBP445A512B4					12.00 [305]	
S2GBP45AB4	S2GBPA45AB4	SH2GBP45A5B4	1192 kcmil 61 Str. (1.258 Dia.) 1272 kcmil 61 Str. (1.300 Dia.)	1033.5 kcmil 54/7 Str. (1.246 Dia.) 1192.5 kcmil 54/19 Str. (1.333 Dia.)	1.246 [32]	1.382 [35]	18.00 [457]	
S2GBP45A12B4	S2GBPA45A12B4	SH2GBP45A512B4					12.00 [305]	

(Table continued on next page)

NOTES:
1. Dimensions in brackets [ ] are in millimeters.
2. For stainless steel hardware add SUFFIX "SS" to catalog number (example: S2GBP41AB4SS).
3. For variations in cable spacing contact factory.
4. For pad rotated 90° on S2GBPA-AB4 add suffix R90 to the catalog number (example: S2GBPA44AB4R90).
5. For Bolt Circles other than 5 inch on type SH2GBP-A-B2 contact factory.
6. **S2GBPA-B4 connectors rated 550 kV when used with type "STS" Shielding Caps. Ordered separately, refer to page 32.**

BOLTED BUNDLED CABLE SPACER

(Continued)

(Four Bolt Clamping)

S2GBP-AB4 (Spacer)
S2GBPA-AB4 (Terminal Tap)
SH2GBP-A-B4 (Bus Support)

Catalog Number			Cable Range		Cable Dia.			
Fig. 1	Fig. 2	Fig. 3	AAC	ACSR	Min.	Max.	"L"	"J" Dia.
S2GBP46AB4	S2GBPA46AB4	SH2GBP46A5B4	1590 kcmil 61 Str. (1.453 Dia.) 1600 kcmil 127 Str. (1.454 Dia.)	1272 kcmil 54/19 Str. (1.382 Dia.) 1431 kcmil 54/19 Str. (1.465 Dia.)	1.382 [35]	1.504 [38]	18.00 [457]	5/8"–11 X 1-3/4" LG. Alum. Alloy
S2GBP46A12B4	S2GBPA46A12B4	SH2GBP46A512B4					12.00 [305]	
S2GBP48AB4	S2GBPA48AB4	SH2GBP48A5B4	1750 kcmil 127 Str. (1.526 Dia.) 2000 kcmil 91 Str. (1.630 Dia.)	1590 kcmil 45/7 Str. (1.502 Dia.) 1750 kcmil 84/19 Str. (1.602 Dia.)	1.504 [38]	1.632 [41]	18.00 [457]	
S2GBP48A12B4	S2GBPA48A12B4	SH2GBP48A512B4					12.00 [305]	
S2GBP483AB4	S2GBPA483AB4	SH2GBP483A5B4	2000 kcmil 91 Str. (1.630 Dia.) 2250 kcmil 91 Str. (1.729 Dia.)	1890 kcmil 84/19 Str. (1.650 Dia.) 2167 kcmil 72/7 Str. (1.737 Dia.)	1.632 [41]	1.737 [44]	18.00 [457]	5/8"–11 X 2" LG. Alum. Alloy
S2GBP483A12B4	S2GBPA483A12B4	SH2GBP483A512B4					12.00 [305]	
S2GBP486AB4	S2GBPA486AB4	SH2GBP486A5B4	2300 kcmil 61 Str. (1.750 Dia.) 2500 kcmil 127 Str. (1.823 Dia.)	2167 kcmil 72/7 Str. (1.737 Dia.) 2156 kcmil 84/19 Str. (1.762 Dia.)	1.737 [44]	1.824 [46]	18.00 [457]	
S2GBP486A12B4	S2GBPA486A12B4	SH2GBP486A512B4					12.00 [305]	

NOTES:
1. Dimensions in brackets [ ] are in millimeters.
2. For stainless steel hardware add SUFFIX "SS" to catalog number (example: S2GBP41AB4SS).
3. For variations in cable spacing contact factory.
4. For pad rotated 90° on S2GBPA-AB4 add suffix R90 to the catalog number (example: S2GBPA44AB4R90).
5. For Bolt Circles other than 5 inch on type SH2GBP-A-B2 contact factory.
6. **S2GBPA-B4 connectors rated 550 kV when used with type "STS" Shielding Caps. Ordered separately, refer to page 32.**

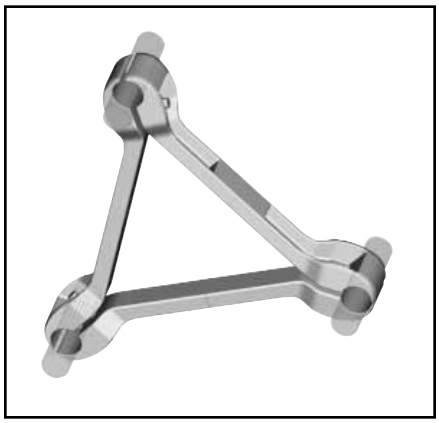
BOLTED BUNDLED CABLE SPACER (Three Conductor)

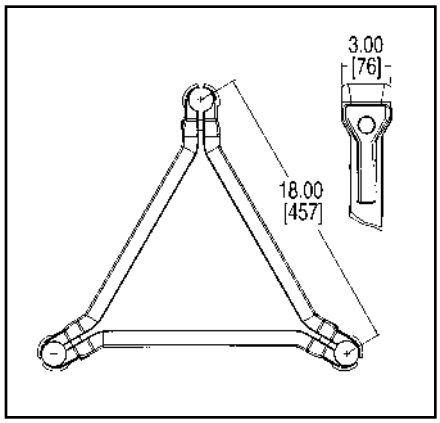
S3GBP-A

Bolted type
Application: Cable to Cable Spacer (three cables)

EHV RATED: SELF-SHIELDING UP TO 550 kV

Material: Cast 356 Aluminum Alloy
Hardware: Aluminum Alloy





Catalog Number	Cable Range		Cable Dia.		"J" Dia.
	AAC	ACSR	Min.	Max.	
S3GBP41A	795 kcmil 37 Str. (1.026 Dia.) 874.5 kcmil 61 Str. (1.077 Dia.)	715 kcmil 24/7 Str. (1.036 Dia.) 715.5 kcmil 26/7 Str. (1.051 Dia.)	1.026 [26]	1.092 [28]	5/8'-11 × 1-1/2" LG. Alum. Alloy
S3GBP44A	954 kcmil 61 Str. (1.126 Dia.)	795 kcmil 24/7 Str. (1.092 Dia.) 795 kcmil 54/7 Str. (1.093 Dia.)	1.092 [28]	1.165 [30]	5/8"-11 × 1-3/4" LG. Alum. Alloy
S3GBP445A	1033.5 kcmil 37 Str. (1.170 Dia.) 1113 kcmil 61 Str. (1.216 Dia.)	954 kcmil 45/7 Str. (1.165 Dia.) 1033.5 kcmil 45/7 Str. (1.213 Dia.)	1.165 [30]	1.246 [32]	
S3GBP45A	1192 kcmil 61 Str. (1.258 Dia.) 1272 kcmil 61 Str. (1.300 Dia.)	1033.5 kcmil 54/7 Str. (1.246 Dia.) 1192.5 kcmil 54/19 Str. (1.333 Dia.)	1.246 [32]	1.382 [35]	
S3GBP46A	1590 kcmil 61 Str. (1.453 Dia.) 1600 kcmil 127 Str. (1.454 Dia.)	1272 kcmil 54/19 Str. (1.382 Dia.) 1431 kcmil 54/19 Str. (1.465 Dia.)	1.382 [35]	1.504 [38]	
S3GBP48A	1750 kcmil 127 Str. (1.526 Dia.) 2000 kcmil 91 Str. (1.630 Dia.)	1590 kcmil 45/7 Str. (1.502 Dia.) 1750 kcmil 84/19 Str. (1.602 Dia.)	1.504 [38]	1.632 [41]	5/8"-11 × 2" LG. Alum Alloy
S3GBP483A	2000 kcmil 91 Str. (1.630 Dia.) 2250 kcmil 91 Str. (1.729 Dia.)	1890 kcmil 84/19 Str. (1.650 Dia.) 2167 kcmil 72/7 Str. (1.737 Dia.)	1.632 [41]	1.737 [44]	
S3GBP486A	2300 kcmil 61 Str. (1.750 Dia.) 2500 kcmil 127 Str. (1.823 Dia.)	2167 kcmil 72/7 Str. (1.737 Dia.) 2156 kcmil 84/19 Str. (1.762 Dia.)	1.737 [44]	1.824 [46]	

NOTES:
1. Dimensions in brackets [ ] are in millimeters.
2. For stainless steel hardware add SUFFIX "SS" to catalog number (example: S3GBP48ASS).
3. For variations in cable spacing contact factory.
4. For four hole straight pad tap or 90° version or bus support three bundled cable spacer, contact the factory.

Blue highlighted items are industry standard and most frequently ordered.

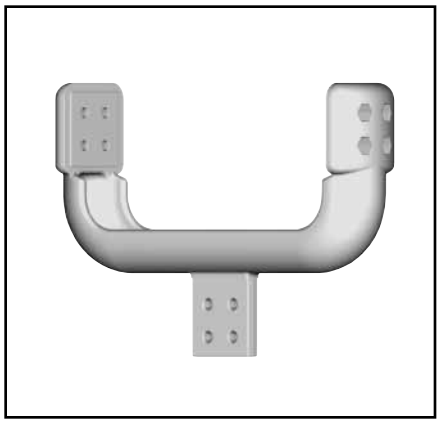
BIFURCATING TERMINAL CONNECTOR

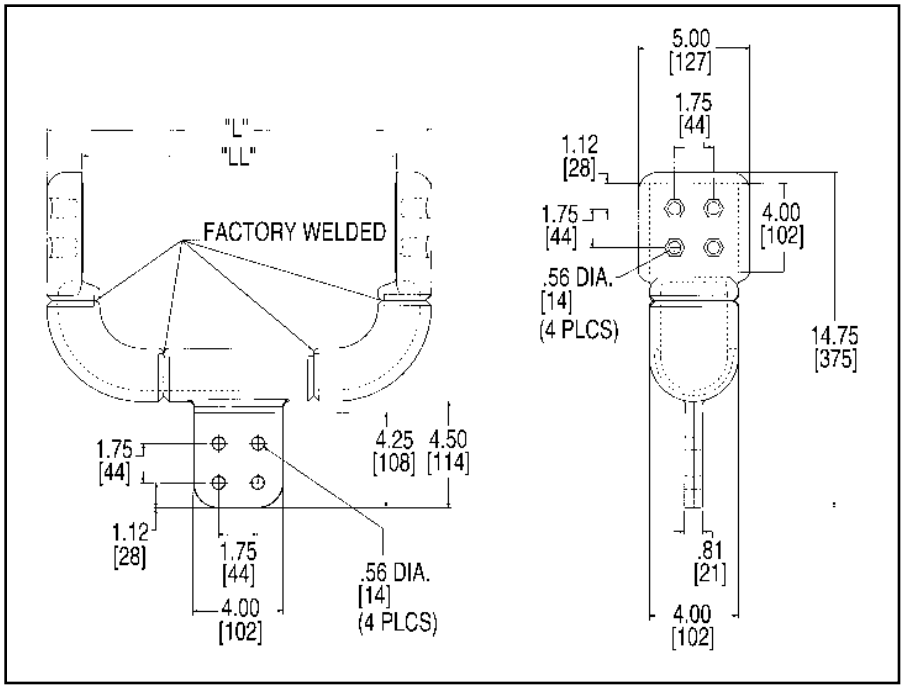
SF2A-NL-EX

Bolted type
Application: Four to Six Hole NEMA Pad to Two Four Hole NEMA Recessed Pads
Bifurcating Terminal

EHV RATED: SELF-SHIELDING UP TO 550 kV

Material: Cast 356 Aluminum Alloy





Catalog Number	"L"	"LL"
SF2A44NL12EX	17.21 [437]	13.97 [355]
SF2A44NL18EX	21.51 [546]	18.27 [464]

NOTES:
1. Dimensions in brackets [ ] are in millimeters.
2. One surface of pad finished. For finished pad on both sides add SUFFIX "Q" to the catalog number (example: SF2A44NL12EXQ).
3. Shielding caps are not required when terminals are installed within the recessed Housing. Hardware ordered separately.
4. **Shielding caps are required when installing to center (non recessed) four hole NEMA Pad.** Reference STS type shielding caps on page 32.
5. For six hole NEMA pad add "66" to catalog number (example: SF2A66NL12EX).

Blue highlighted items are industry standard and most frequently ordered.

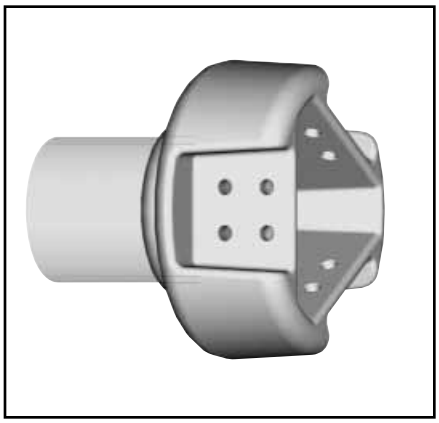
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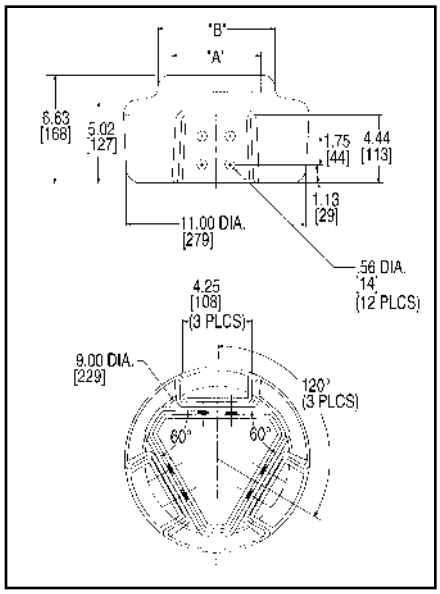
SW3A-A44N8

Weld type
Application: Bus to Trifurcating Terminals

EHV RATED: SELF-SHIELDING UP TO 550 kV

Material: Cast 356 Aluminum Alloy





Catalog Number	Accommodates		
	Alum. Tubing Size	"A" Dia.	"B" Dia.
SW3A20A44N8	3″ [76]	3.56 [90]	5.06 [129]
SW3A22A44N8	4″ [101]	4.57 [116]	6.09 [155]
SW3A24A44N8	5″ [127]	5.65 [144]	7.16 [182]
SW3A86A44N8	6″ [152]	6.72 [171]	8.00 [203]

NOTES:
1. Dimensions in brackets [ ] are in millimeters.
2. Shielding caps are not required when terminals are installed within the recessed housing. Hardware ordered separately.

TRIFURCATING TEE CONNECTOR

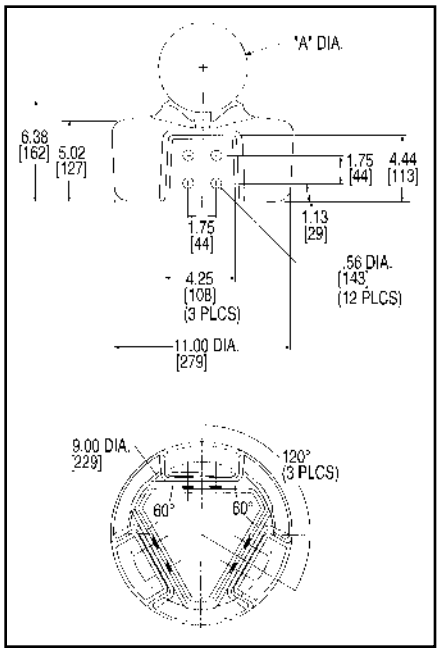
SW3AB-A44N8

Weld type
Application: Bus to Trifurcating Terminals

EHV RATED: SELF-SHIELDING UP TO 550 kV

Material: Cast 356 Aluminum Alloy





Catalog Number	Accommodates	
	Alum. Tubing Size	"A" Dia.
SW3AB20A44N8	3″ [76]	3.50 [89]
SW3AB22A44N8	4″ [101]	4.50 [114]
SW3AB24A44N8	5″ [127]	5.56 [141]
SW3AB86A44N8	6″ [152]	6.62 [168]

NOTES:
1. Dimensions in brackets [ ] are in millimeters.
2. Shielding caps are not required when terminals are installed within the recessed housing. Hardware ordered separately.

Blue highlighted items are industry standard and most frequently ordered.

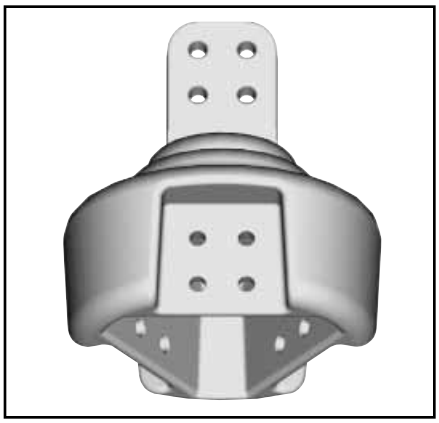
TRIFURCATING TERMINAL CONNECTOR

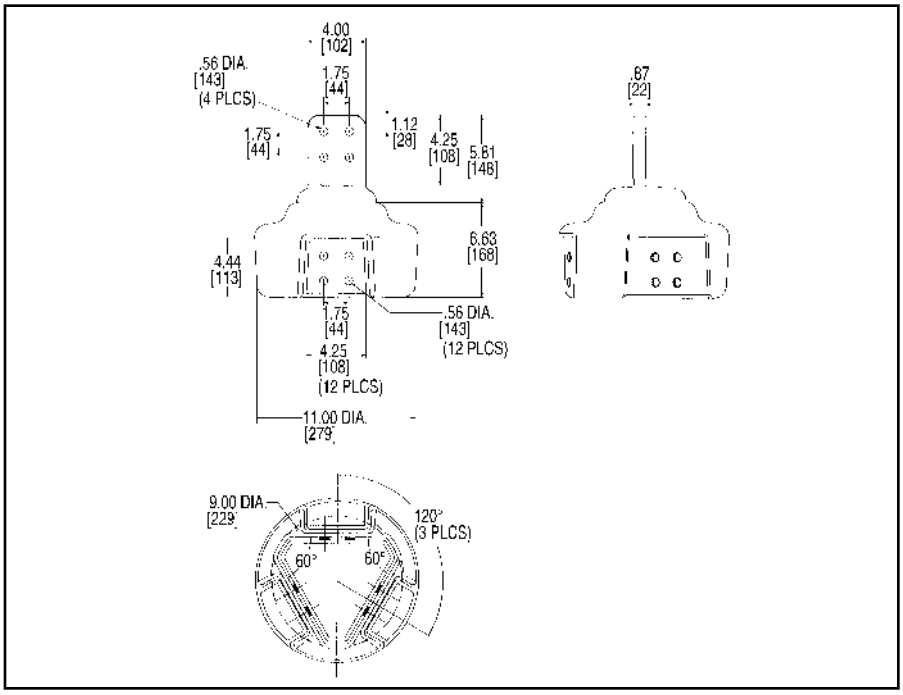
SF3A44N8

Bolted type
Application: Pad-to-Pad
Trifurcating Terminal

EHV RATED: SELF-SHIELDING UP TO 550 kV

Material: Cast 356 Aluminum Alloy





NOTES:
1. Dimensions in brackets [ ] are in millimeters.
2. One surface of pad finished. For finished pad on both sides add SUFFIX 'Q' to the catalog number (example: SF3A44N8Q).
3. Shielding caps are not required when terminals are installed within the recessed housing. Hardware ordered separately. For terminals not installed within the recessed housing shielding caps are required. Reference STS shielding caps page 32. Ordered separately.
4. For six hole NEMA external (non-recessed) pad order SF3A44N866N.

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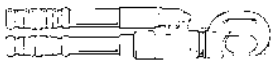
CRIMPERS



MECHANICAL AND RATCHET

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Y1MRTC N-13
M8ND N-14
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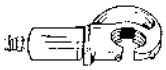


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Blue highlighted items are industry standard and most frequently ordered.

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Blue highlighted items are industry standard and most frequently ordered.

INTRODUCTION

INSTALLATION TOOLS
BURNDYs total compression program offers the most complete line of installation tools, mechanical, full cycle ratchet, self contained hydraulic, remote controlled hydraulic, power actuated pumps, hoses and accessories, available to the electrical industry. These tools have been designed to integrate with the complete line of BURNDY® compression connectors. Whether you're a small contractor working with #22 wire or a large utility working with 2500 kcmil conductor, there's a BURNDY® compression tool available to do the job.

The benefits of compression are many, however, probably the most significant benefit is reliability. There's nothing more important to the electrical industry today than reliability. It represents the one area that leads to economical installations that will endure for the life of the installation.

TOOL CENTER
An important element of the BURNDY® compression program is the Tool Center, 150 Burndy Road, Littleton, NH 03561 (800-426-8720). This center provides advice and information on the operation, maintenance and repair of BURNDY® tools. The repair center is staffed with specialized technicians who provide the best possible tool repair service, for all BURNDY® tools, pumps and accessories.

We designed and produced the first self contained hydraulic compression electrical connector installation tool in 1934. In our continuing efforts to provide the highest quality and highest value connection systems, we offer the current BURNDY® tool policy.

LIMITED WARRANTY
The full line of BURNDY® tools are warranted to be free of defects in materials and workmanship for a period of five (5) years from the date of shipment. If inspection by a certified tool technician shows the trouble is caused by defective workmanship or material, BURNDY® will repair (or at our option), replace the tool.

This Warranty does not apply where:

- Repairs or alterations have been made or attempted by others.
- Repairs are required because of normal wear and tear.
- The tool has been abused, misused or improperly maintained.
- The use of any non-BURNDY® products has resulted in damage to the tool.

STANDARD LIMITED WARRANTY AND LIMITATION OF LIABILITY
BURNDY® warrants that the goods and services stated on the face hereof, when furnished to Buyer by BURNDY®, conform with BURNDY's current written specifications and drawings (or with those of the Buyer specifically accepted by BURNDY® in writing), and will be free of defects in materials and workmanship. BURNDY's sole obligation (and Buyer's sole and exclusive remedy) for any breach of warranty under the foregoing warranty shall be to repair (at location designated by BURNDY®) or, at BURNDY's option: To replace FOB the original point of delivery any goods which are non-conforming or defective and are so specified by buyer in a written certified mail notice to an officer of BURNDY® within the applicable warranty period. BURNDY® expressly disclaims any and all express or implied warranties other than the warranty of its title to goods and the warranty hereinabove set forth. Such disclaimer includes, without limitation, warranty of fitness for a particular purpose and warranty of merchantable quality.

Limitation of Liability— BURNDY® will not, under any circumstances, be liable for the cost of removal or reinstallation of goods or the cost of disassembly or reassembly of equipment in connection therewith, or for loss of the use of Buyer's equipment or facilities, or for loss of business or good will or profits, or for cost of inspection or storage, or for any incidental or consequential damages of any nature or description whatever which may arise from BURNDY's sale of goods to Buyer.

REPAIR POLICY
All non-warranty repaired tools are completely reconditioned and receive a limited 1-year warranty. Non-warranty repair returns tools to like new condition at a maximum cost of 40% of a new tool. A nominal service charge of $5.00 is applied to all repairs to cover shop supplies, oil disposal and other miscellaneous services not covered as part of the standard repair.

If the decision is made not to repair, a handling charge of $25.00 will be applied plus return freight costs.

RETURN PROCEDURE
All tools sent to the Burndy Tool Center or an authorized repair center must be accompanied by a purchase order with detailed bill to and ship to address authorizing repair. Requests for repair charges before work is done must be stated on the purchase order. All tools sent to the Burndy Tool Center or an authorized repair center as a warranty claim must be accompanied by a proof of purchase such as a BURNDY® invoice or invoice from any BURNDY® distributor.

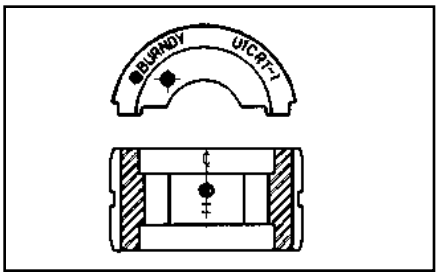
All tools must be shipped at the owner's expense, prepaid. BURNDY® pays for the return freight, same surface freight as received. Airfreight returns will be returned same way collect for non-warranty repair and prepaid for warranty repairs.

This warranty and repair policy supercedes all previous policies and is in effect January 1, 2005.

12-TON U DIES*

BURNDY® Die Sets

Fits Y35, Y39, Y750 Series, PAT750-18V Series, PAT46-18V, Y46 (W/PUADP-1 Adapter)





U die case Part# **PT29291**, holds up to 15 dies

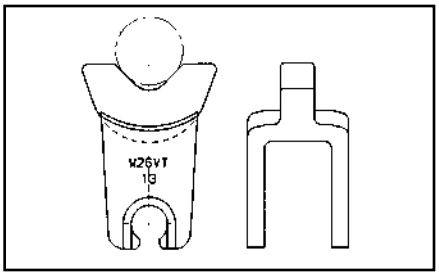
Wire Size		Copper	Aluminum
Small	#8	**U8CRT**	**U8CABT**
	#6	**U5CRT**	**U6CABT**
	#4	**U4CRT**	**U4CABT**
	#3	**U3CRT**	N/A
	#2	**U2CRT**	**U2CABT**
	#1	**U1CRT-1**	**U1CART**
	1/0	**U25RT**	**U25ART**
	2/0	**U26RT**	**U26ART**
	3/0	**U27RT**	**U27ART**
	4/0	**U28RT**	**U28ART**
	250 kcmil	**U29RT**	**U29ART**
	300 kcmil	**U30RT**	**U30ART**
	350 kcmil	**U31RT**	**U31ART**
	400 kcmil	**U32RT**	**U32ART**
	500 kcmil	**U34RT**	**U34ART**
	535 Flex kcmil	**U38XRT**	N/A
	600 kcmil	**U36RT**	**U36ART**
	750 kcmil	**U39RT**	**U39ART-2**
Large	777 Flex	**U44XRT**	N/A

* Non-tension U-type 12-ton dies for YA, YS, YA-A, YS-A style connectors.
NOTE: N/A = not applicable.

W DIES

BURNDY® Die Sets

Fits Tools MD6, MD7, Y500CTHS, PAT600-18V, PATMD6





W die case Part# **PT4946**, holds up to 12 dies

Wire Size		Copper	Copper	Aluminum
Small	#8	**W8CVT**	**W8CRT**	**X8CART**
	#6	**W5CVT**	**W5CRT**	**W161**
	#4	**W4CVT**	**W4CRT**	**W162**
	#3	**W3CRT**	**W3CRT**	N/A
	#2	**W2CVT**	**W2CRT**	**W239**
	#1	**W1CVT**	**W1CRT**	**W163**
	1/0	**W25VT**	**W25CRT**	**W241**
	2/0	**W26VT**	**W26CRT**	**W245**
	3/0	**W27VT**	**W27CRT**	**W166**
	4/0	**W28VT**	**W28CRT**	**W660**
	250	***W29VT**	**W29CRT**	N/A
	300	***W30VT**	**W30CRT**	N/A
	350	***W31VT**	**W31CRT**	***W31ART**
	400	***W32VT**	**W32CRT**	N/A
	450	**W33VT**	**W33CRT**	
	500	***W34VT**	**W34CRT**	N/A
Large	600	****W36RT**	**W36CRT**	N/A

* These sizes (250-500) for Y5000CTHS, MD7-34(R), BAT500, BCT500HS only.
** For PAT600-18V only.
NOTE: N/A = not applicable.
Suitable for use on YA, YS, YA-A, YS-A type non-tension connectors.

Blue highlighted items are industry standard and most frequently ordered.

UDIEKITCU, UDIEKITAL, UDIEKITHYGRD

BURNDY® U DIE KITS

Each UDIEKITCU and UDIEKITAL die kit includes 15 sets of "U" dies and the PT29291 die case. These stainless steel color coded dies are for crimping BURNDY® YA, YS, YA-A and YS-A type HYLUG™ and HYLINK™ color coded terminals and splices ranging from #6 AWG through 750 kcmil.

The UDIEKITHYGRD kit includes eight die sets. Seven dies sets are used to install the BURNDY® HYGROUND® irreversible compression grounding connectors, and the U2CABT die set for pre-crimping 1/2″, 5/8″ and 3/4″ ground rods for increased rotational resistance.

BURNDY® "U" dies are used in the Y35, Y39, Y750 series, PAT750-18V series, Y46, and PAT46-18V (with PUADP-1 adapter) tools.



UDIEKITHYGRD Includes
Catalog Number
UC
UO
U997
PU998
U1011
U1104
U1105
U2CABT (Ground rod pre-crimp die)
PT29291 (Die case)

UDIEKITCU Includes		UDIEKITAL Includes	
Copper Wire Size	**Catalog Number**	**Aluminum Wire Size**	**Catalog Number**
#6 AWG	**U5CRT**	#6 AWG	**U6CABT**
#4 AWG	**U4CRT**	#4 AWG	**U4CABT**
#2 AWG	**U2CRT**	#2 AWG	**U2CABT**
#1 AWG	**U1CRT-1**	#1 AWG	**U1CART**
1/0 AWG	**U25RT**	1/0 AWG	**U25ART**
2/0 AWG	**U26RT**	2/0 AWG	**U26ART**
3/0 AWG	**U27RT**	3/0 AWG	**U27ART**
4/0 AWG	**U28RT**	4/0 AWG	**U28ART**
250 kcmil	**U29RT**	250 kcmil	**U29ART**
300 kcmil	**U30RT**	300 kcmil	**U30ART**
350 kcmil	**U31RT**	350 kcmil	**U31ART**
400 kcmil	**U32RT**	400 kcmil	**U32ART**
500 kcmil	**U34RT**	500 kcmil	**U34ART**
600 kcmil	**U36RT**	600 kcmil	**U36ART**
750 kcmil	**U39RT**	750 kcmil	**U39ART-2**
Die Case	**PT29291**	Die Case	**PT29291**

Blue highlighted items are industry standard and most frequently ordered.

Y10D

HYTOOL™

Two Tools in One—
#22-10 AWG Nylon
Insulated Connectors,
#22-10 AWG Uninsulated
Connectors

Hand-held plier type tool that will install #10-22 AWG nylon insulated and uninsulated terminals and splices, with a precision machined wire cutter for aluminum and copper wire in the nose of the tool. Long handles provide greater mechanical advantage. 5-year limited warranty.



BENEFITS

- Easy wire cutting with precision machined cutting blade.
- Save time, money and lower installed costs with one tool for both nylon insulated and uninsulated (bare) connectors.
- Easy tool operation out of the carton. No need to break in the tool prior to actual usage.
- A heavy duty forged steel tool, that has a rust resistant finish will provide a long durable life.

BENEFITS (Continued)

- Easier crimping on #22-10 bare and nylon insulated connectors because of the longer handles that provides greater mechanical advantage.*
- Comfort grip handles fit hands comfortably helping make the tool easy to use.
- Terminals and splice connectors are UL listed and CSA certified when installed with the Y10D HYTOOL™.
- 5-year limited warranty.

* Conductor crimp only.

SPECIFICATIONS

Length: 9-3/4″
Weight: 13.5 oz.

FOR USE ON

#10-22 AWG Nylon Insulated Terminals

Box Cat. Types	Bulk Cat. Types
TN	YAES
TN-F	YAES-E
YAE-N BOX	YAE-N
YAE-N-F BOX	YAE-N-F
YAE-Z BOX	YAE-Z
YAEV BOX	YAEV

#10-22 AWG Nylon Insulated Splices

Box Cat. Types	Bulk Cat. Types
SN	YSE-HN *
SNM	YSES
YSE-H BOX *	YSE-H *

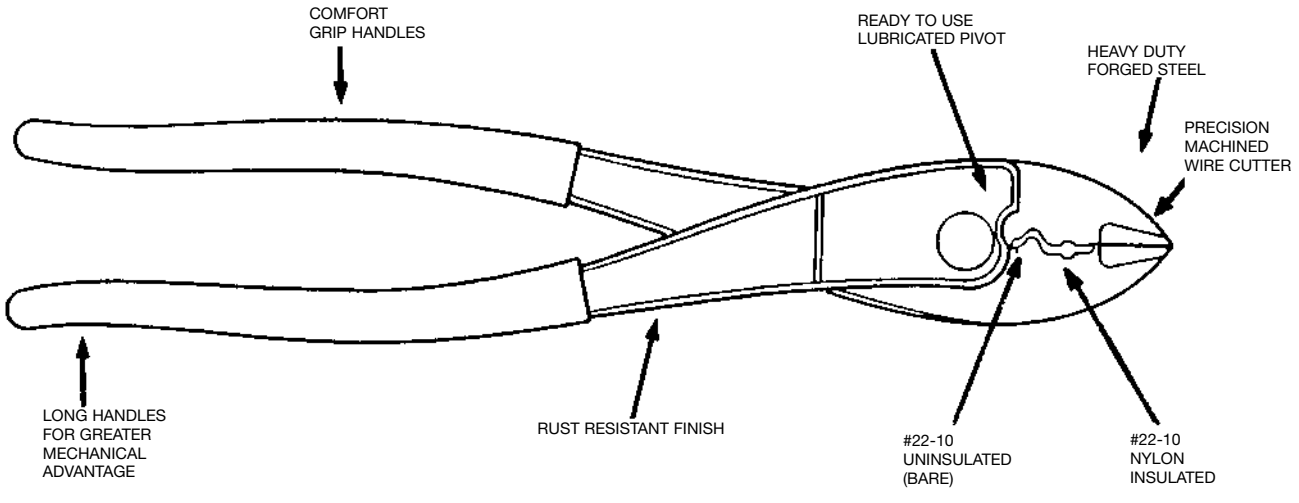
#10-22 AWG Uninsulated (Bare) Terminals

Box Cat. Types	Bulk Cat. Types
T	YAD
T-F	YAD-F
YAV BOX	YAV
YAV-T-F BOX	YAV-T-F
YAV-H BOX *	YAV-H *
YAV-H-F BOX *	YAV-H-F *
YAV-Z BOX	YAV-Z

#10-22 AWG Uninsulated (Bare) Splices

Box Cat. Types	Bulk Cat. Types
YSV BOX	YSV
YSV-H BOX *	YSV-H *

Features



Blue highlighted items are industry standard and most frequently ordered.

Y10-22

HYTOOL™

#22-10 AWG Insulated Connectors,
#22-10 AWG Uninsulated Connectors

Hand-held plier type tool to install #10-22 AWG insulated and uninsulated terminals and splices with a wire cutter in the nose of the tool. Will strip #10-22 AWG wire and cut common size mild steel and non-ferrous screws. 5-year limited warranty.



BENEFITS

- Easy wire cutting with anvil type wire cutter design.
- Crimps full range of insulated terminals and splices #22-10 AWG.
- Cut off dies for common size mild steel and non-ferrous screws.
- Crimps full range of uninsulated terminals and splices #22-10 AWG.
- Full range insulation strippers for wire sizes #22-10. One step stripping.
- Comfort grip handles fit hands comfortably helping make the tool easy to use.
- 5-year limited warranty.

* Conductor crimp only.

SPECIFICATIONS

Length: 8-5/8″
Weight: 11 oz.

FOR USE ON

#10-22 AWG Nylon Insulated Terminals

Box Cat. Types	Bulk Cat. Types
TN	YAES
TN-F	YAES-F
YAE-N BOX	YAE-N
YAE-N-F BOX	YAE-N-F
YAE-Z BOX	YAE-Z
YAEV BOX	YAEV

#10-22 AWG Nylon Insulated Splices

Box Cat. Types	Bulk Cat. Types
SN	YSE-HN *
SNM	YSES
YSE-H BOX	*YSE-H *

#10-22 AWG Vinyl Insulated Terminals

Box Cat. Types	Bulk Cat. Types
TP	BA
TP-F	BA-EF
TP-ZBA-EZ	

#10-22 AWG Vinyl Insulated Splices

Box Cat. Types	Bulk Cat. Types
SP	BS

#10-22 AWG Uninsulated (Bare) Terminals

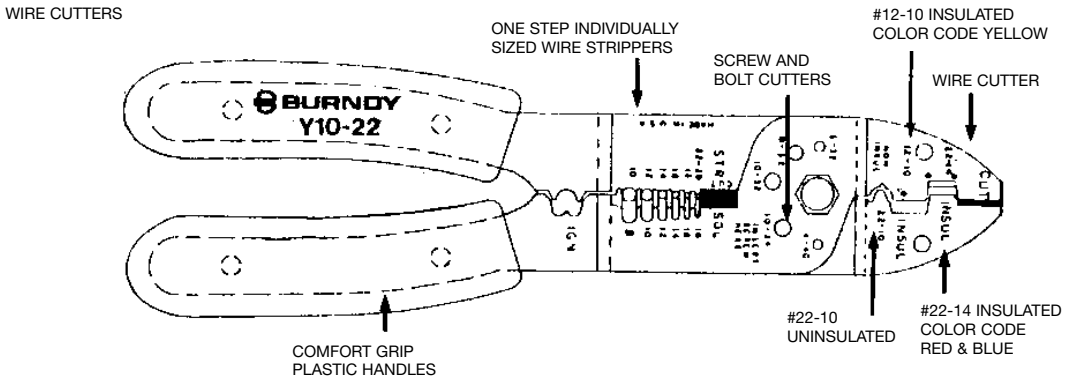
Box Cat. Types	Bulk Cat. Types
T	YAD
T-F	YAD-F
YAV BOX	YAV
YAV-T-F BOX	YAV-T-F
YAV-H-F BOX *	YAV-H-F *
YAV-Z BOX	YAV-Z

#10-22 AWG Uninsulated (Bare) Splices

Box Cat. Types	Bulk Cat. Types
YSV BOX	YSV
YSV-H BOX *	YSV-H *

N-7

Features



Blue highlighted items are industry standard and most frequently ordered.

YF-TOOL

Installation Ratchet Tool for Bare and Insulated Ferrules

For Use On Copper Ferrules

These tools have been specifically designed to work with both the insulated and uninsulated ferrules type YF. Unless otherwise noted, the tools have a trapezoidal crimp type.





YF4/0250TOOL

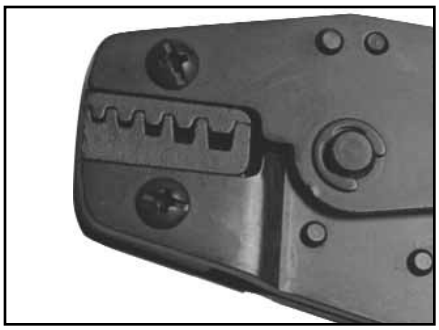
Features and Benefits

- Ergonomic handle design to help ease installer fatigue
- Release mechanism
- Low handle force required

Catalog Number	Capacity	Crimp Profile	Weight	Handle Color
YF3206TOOL	32-6 AWG	Square	1.10 lbs	Black/Orange
YF2610TOOL	26-10 AWG	Trapezoidal	1.02 lbs	Blue
YF2214TOOL	22-14 AWG	Trapezoidal	1.05 lbs	Red
YF2210TOOL	22-10 AWG	Trapezoidal	1.05 lbs	Red
YF1006TOOL	10-6 AWG	Trapezoidal	1.05 lbs	Red
YF0801TOOL	8-1 AWG	Trapezoidal	1.80 lbs	Red
YF0401TOOL	4-1 AWG	Trapezoidal	1.50 lbs	Red/Blue
YF/03/0TOOL	1/0-3/0 kcmil	Trapezoidal	1.80 lbs	Red
YF4/0250TOOL	4/0-250 kcmil	Trapezoidal	1.80 lbs	Red



YF2214TOOL has one groove to accept 22-14 AWG range.



YF2610TOOL, YF2210TOOL, and YF1006TOOL have multiple grooves for range capacity.

Y8MRB-1

HYTOOL™

#22-8 AWG

Hand-held full cycle ratchet tool for #8-22 AWG uninsulated terminals and splices. Full cycle feature builds in reliability and removes the human factor from the finished installation. 5-year limited warranty.



SPECIFICATIONS

Length: 9-1/2″
Weight: 1.21 lbs.

FOR USE ON

BOX CAT. TYPES	BULK CAT. TYPES
Uninsulated Terminals	
T	YAD
T-F	YAD-F
YAV BOX	YAV
YAV-L BOX	YAV-L
YAV-T-F BOX	YAV-T-F
YAV-Z BOX	YAV-Z
Uninsulated Splices	
YSV BOX	YSV
YSV-L BOX	YSV-L

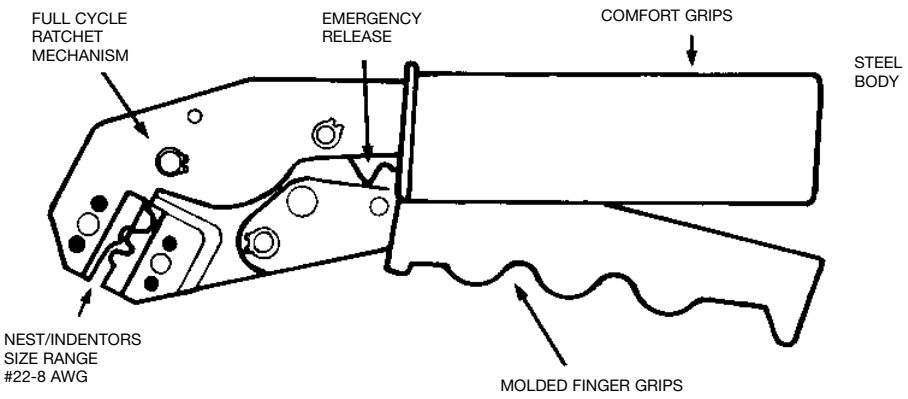
BENEFITS

- One tool to accommodate #22-8 AWG.
- Lightweight.
- Full cycle ratchet for positive crimping.
- Inspection (PG) gauges available to check each groove.

Groove	Gauge#
#18	PG395-1
#14	PG396-1
#10	PG397-1
# 8	PG398-1

- Each indentor has its own identifying mark for inspectability.
- Jaw opening orientation, molded finger and palm grips and the easy reach frame minimize user fatigue.

Features



Blue highlighted items are industry standard and most frequently ordered.

MR8

HYTOOL™

Full Cycle Ratchet Hand Tools

The Type MR8 series HYTOOLS™ incorporate a full cycle ratchet mechanism that provides a complete, positive crimp each time. Once started the ratchet mechanism does not allow the handles to be opened until after the full ratcheting cycle is completed. This provides for a completed crimp before a connector can be removed from the tool. The MR8 series of tools are specifically designed with the ratchet mechanism completely inside the body of the tool without a path to reach and defeat the mechanism. This permits the tools to be used in the most critical applications including nuclear-class 1E terminations, heavy duty industrial, utility generation, OEM, aircraft, and other applications where a dependable electrical termination is needed. 5-year limited warranty.



BENEFITS

- Lightweight aluminum permits easier continuous usage.
- One tool to accommodate #22-10 AWG.
- Easy groove identification with color-coded dies.
- Long life expectancy with fully protected ratchet mechanism.
- Easy one-hand tool operation with long handle length for greater mechanical advantage.
- 5-year limited warranty.

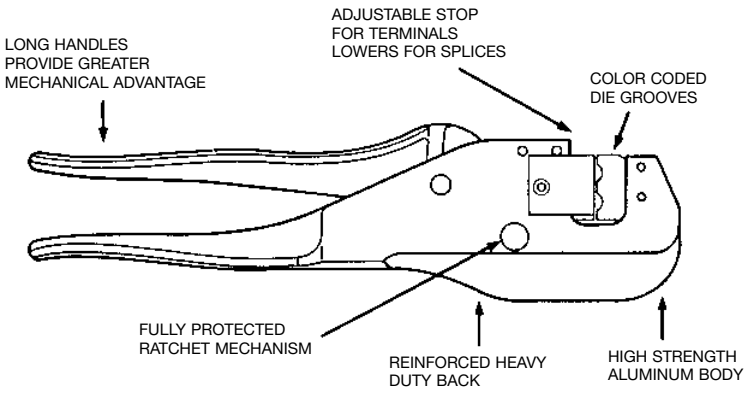
SPECIFICATIONS

Length: 10-1/2″
Weight: 1-1/2 lbs.

FOR USE ON

		Connectors	
Tool	**AWG Size Range**	**Box Catalog Types**	**Bulk Catalog Types**
MR8-1A	#10-22 AN Copper Cable	INSULUG™	YAE
MR8-9Q	#8-18 AN Copper Cable #10-22 AWG Sol. Cable #8-22 Str. AWG Cable	YAV BOX YSV BOX T T-F	YAV, YSV YAD, YAD-F
MR8-33S-1 **MR8-33T-1**	#10-18 MIL-W-5086 Str.	YSE BOX YSE-H BOX	YSE YSE-H
MR8-G96	#14-22	TP	BA
MR8-G98	#10-22	YAV, T	YAD, YAV

Features



Blue highlighted items are industry standard and most frequently ordered.

MR15, MR18, MR20

HYTOOL™

Full Cycle Ratchet Hand Tools

The Types MR15, MR18 and MR20 series HYTOOL™ incorporate a full cycle ratchet mechanism that provides a complete, positive crimp each time. Once started the ratchet mechanism does not allow the handles to be opened until after the full ratcheting cycle is completed, unless the user actuates the emergency release lever. This provides for a completed crimp before a connector can be removed from the tool.



MR15,
MR18,
MR20

BENEFITS

- UL listed for use with BURNDY® connectors.
- Fully ratcheted tool to assure properly crimped connections.
- Easy groove indentification with color coded dies.
- Maximum crimping comfort grips.
- Compact, narrow nose to work in confined areas.
- 5-year limited warranty.

SPECIFICATIONS

Length: 8.86″
Weight: 1.10 lbs.
Open: 5.90″
Closed: 2.50″
Wire Range: #22-10 AWG

FOR USE ON

MR15 Vinyl Insulated Terminals and Splices (Wire Range 22-10 AWG)

Vinyl Terminals		Vinyl Splices	
TP	BA	SP	BS
TP-F	BA-EF		
TP-Z	BA-EZ		
TP-LF	BA-EL		

MR18 Nylon Insulated Terminals and Splices

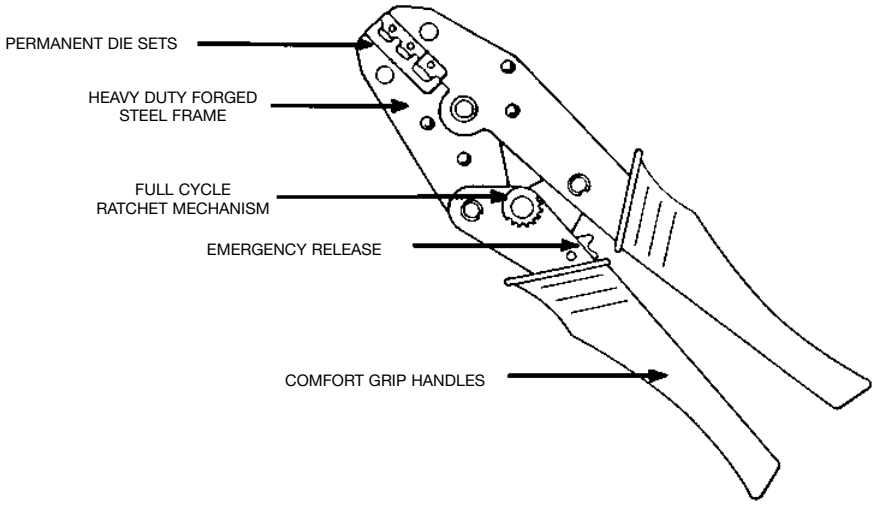
Nylon Terminals	Nylon Splices
TN	SN
TN-F	SNM
YAES	YSE-HN
YAES-F	YSES

MR20 Uninsulated Terminals and Splices

Terminals		Splices
T	YAD-F	YSV
T-F	YAV-H*	YSV-H*
YAV	YAV-H-F*	
YAD		
YAV-T-F		

*Conductor crimps only.

Features



Blue highlighted items are industry standard and most frequently ordered.

MR4C

FULL CYCLE RATCHET HAND TOOL

For #9-4 AWG Uninsulated Terminals and Splices

Hand-held full cycle ratchet tool for #9-4 AWG uninsulated terminals and splices. Full cycle feature builds in reliability and removes the human factor from the completed installation. Long handles provide greater leverage. 5-year limited warranty.



SPECIFICATIONS

Length: 11-3/4″
Weight: 2-1/4 lbs.

FOR USE ON

Terminals	YAV-L YA-L
Splices	YSV YSM YS-L

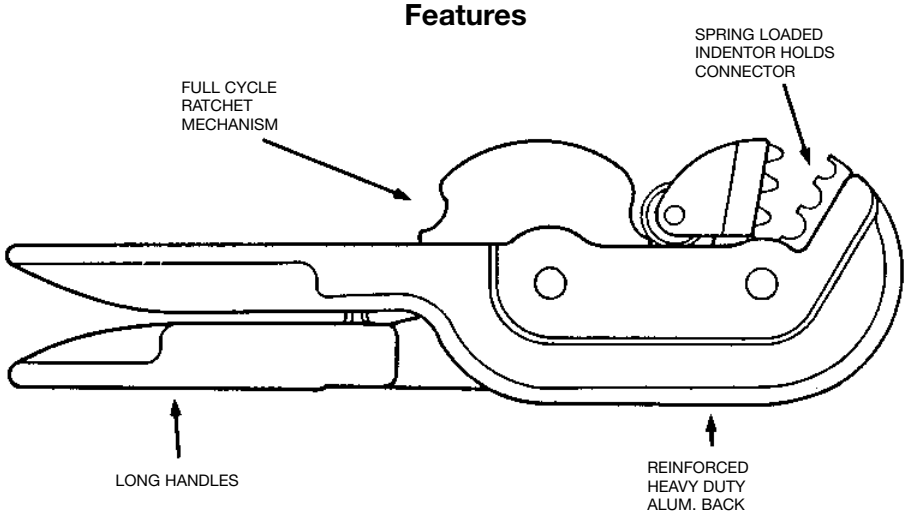
BENEFITS

- High strength aluminum body.
- Fully protected ratchet mechanism.
- Reinforced heavy duty back.
- Long handles provide greater mechanical advantages.
- Lightweight aluminum permits easier continuous usage.
- One tool to accommodate #9-4 AWG.
- Inspection (PG) gauges available to check each groove.

Groove		Gauge#
9-8	-	**PG121-1**
6	-	**PG125-1**
4	-	**PG133-1**

- Spring loaded indentor jaw holds connector in groove prior to crimping or ratchet engaging.
- 5-year limited warranty.

Features



Blue highlighted items are industry standard and most frequently ordered.

Y1MRTC

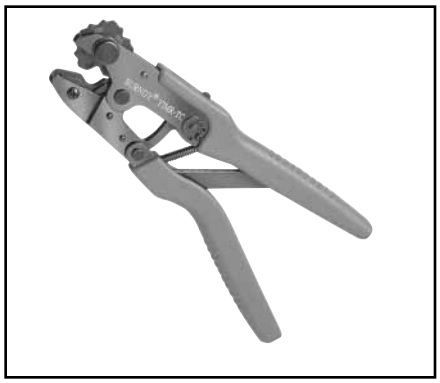
HYTOOL™

#8 – #1 Copper HYDENT™ Terminals, Splices, and #6 – #6 Thin-Wall C-Taps

Type Y1MRTC mechanical full cycle ratchet HYTOOL™ will accommodate copper compression HYDENT™ connectors for #8 through #1 code conductor, #8 through #2 Class I flexible strand copper conductor, and #2 solid. The color coded die wheel rotates to provide a proper match of the die and color coded connector. The die index is embossed on the crimped connector for permanent inspectability. A ratchet mechanism assures the tool must complete a full cycle before releasing.

SPECIFICATIONS

Length: 9.875″
Height: 2.72″ (closed)
Width: .73″
Weight: 1.7 lbs.
Wire Range: #8-#1 code conductor,
#8-#2 Class I Flex,
#2 Solid
Up to #6-#6 (Brown)
type “YC-L C-TAP”



BENEFITS

- Rotating die is color coded to match color coded connectors
- Die index embossment allows permanent inspectability of installed connectors to insure consistently reliable and dependable connections.
- Molded comfort grips reduce fatigue during continuous use.
- Ratchet mechanism assures a complete crimp every time.
- Emergency release mechanism allows tool to be removed from connector in case of mistaken die choice or to reposition tool.
- 5-year limited warranty.

FOR USE ON

Cu Lug and Splice Connectors				
Copper Wire Size	Connector Catalog Types	Die Index # (Color)	# of Crimps Per Barrel Length	
			Std	Long
# 8 AWG Code & Flex	YA8C- YS8C- YAV8C- YSV8C-	49 (Red)	1	2
#6 AWG Code	YA6C- YS6C-	7 (Blue)	1	2
#6 AWG Code & Flex	YAV6C- YSV6C-			
#4 AWG Code	YA4C- YS4C-	8 (Grey)	2	4
#4 AWG Code & Flex	YAV4C- YSV4C-			
#3 AWG #2 Sol.	YA3C- YS3C-	9 (White)	2	4
#2 AWG Code	YA2C- YS2C-	10** (Brown)	2	4
#2 AWG Code & Flex	YAV2C- YSV2C-			
#1 AWG Code	YA1C- YS1C-	11** (Green)	2	4

** Die Index 10 (Brown Die) and 11 (Green Die) use the same die wheel crimp groove.

Die Index Number Embossment on Connector after Crimp for inspection verification.

Y1MRTC

Wire Range: #8-#1 AWG Class B,
#8-#2 Class I Flex.
#2 Solid & #3 Stranded

Y1MRKIT

Kit Contains:
Y1MRTC Full-cycle Ratchet Tool
Sturdy Metal Carrying Case
Terminals:
YA8CL, YA8CL1, YA6CL, YAV6CLTC14FX, YA4CL, YAV4CLTC14FX, YA2CL, YAV2CLTC516FX, YA1CL
Splices:
YS8CL, YS6CL, YS4CL, YS2CL, YS1CL

Y1MRTCKIT

Kit Contains:
Y1MRTC Full-cycle Ratchet Tool
Sturdy Metal Carrying Case
Terminals:
YA8CL2TC14, YA8CL2TC38, YA6C2TC38, YA6CL2TC14, YA6CL2TC14E1, YA6CL2TC14E2, YA6CL2TC38, YAV6CL2TC14E2FX, YAV6CL2TC14FX, YA4CL2TC14, YA4CL2TC38, YA3C2TC38, YA2C2TC38, YA2CL2TC38, YA2CL2TC14

Thin-Wall C-Taps:
YC4L12

Cu C-Tap Connectors				
Catalog Number	Wire Size Cu Str. AWG		Die Index # (Color)	# of Crimps
	Run	Tap		
YC10L12	14 12 10	16-14 16-14 16	49 (Red)	1
YC8L12	10 8	10 12	7 (Blue)	1
YC6L12	8 6	10-8 12-10	8 (Grey)	1
YC4L12	6 5,4	8-6 12-8	10 (Brown)	2

N-13

Blue highlighted items are industry standard and most frequently ordered.

M8ND

HYTOOL™

Full Cycle Ratchet Hand Tool

#8-26 AWG Terminals
and Splices

Hand-held full cycle ratchet tool for #8-26 AWG terminals and splices. Full cycle feature builds in reliability and removes the human element from the completed installation. Long handles provide greater leverage. 5-year limited warranty.



BENEFITS

- Fully protected ratchet mechanism.
- Reinforced heavy duty back.
- Long handles provide greater mechanical advantages.
- Uses all standard BURNDY® “N” dies.
- Easy groove identification with color-coded dies.
- 5-year limited warranty.

SPECIFICATIONS

Length: 10-3/4″
Width: 1-3/4″

FOR USE ON

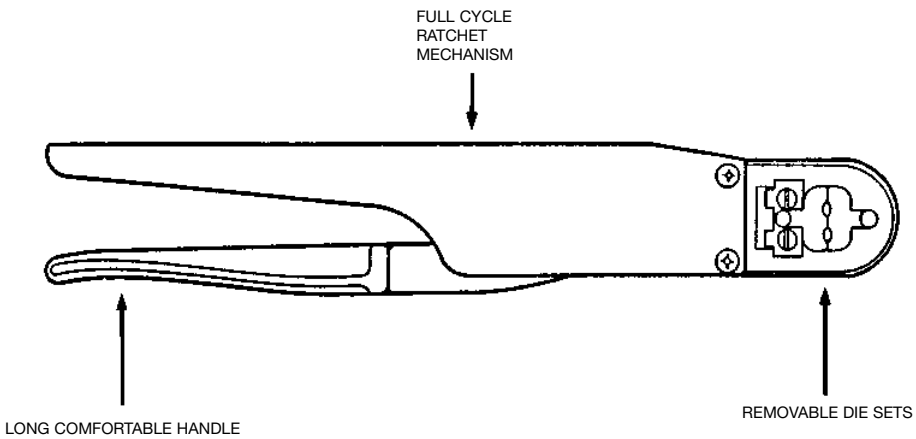
Terminals

YAD	BA-E
YAD-F	BA-EF
YAE	BA-ES
YAE-F	BA-EZ
YAE-Z	BA-EL
YAES	
YAEV-H	
YAEV-L	
YAV	
YAV-F	
YAV-H	
YAV-H-F	

Splices

YSV	YSM
YSV-H	YRV-L

Features



Blue highlighted items are industry standard and most frequently ordered.

MRC840 AND MRC840AL

HYTOOL™

Hand-Operated Tool

#8 - 4/0 AWG Non-Insulated Copper and Aluminum Terminals and Splices

The MRC840 Mechanical Rotating Crimp tool will accommodate BURNDY® copper compression YA and YS series of HYLUG™ and HYLINK™ terminals and splices from #8 - 4/0 AWG stranded copper conductor. The MRC840AL Mechanical Rotating Crimp tool for Aluminum HYLUG™ and HYLINK™ terminals and splices from #8 - 4/0 AWG aluminum and copper conductors. Butting steel jaws and over center cam action assure full crimp force.

The rotatable die wheel is color-coded and stamped with the conductor size to provide an easy match of the die and color-coded BURNDY® HYDENT™ terminals and splices. YA, YS, YA-A and YS-A series of copper and aluminum terminals and splices are UL Listed when installed with these tools. Each tool comes complete with a 5-year limited warranty.



Features and Benefits

- Comfort grip handles.
  - ◊ Aids in prevention of hand slippage. Reduces fatigue during continuous use.
- Heat treated steel jaws
  - ◊ Reduces jaw buckling and misalignment under heavy loading.
- Approximately 9,000 crimp cycle life.
  - ◊ Lasts longer than imitations and will still be working when others have worn out.
- Multiple grip selections on rotatable die wheels.
  - ◊ No lost dies, 9 position color-coded rotatable die wheels.
- High strength fasteners.
  - ◊ Increase tool life by reducing tool wear.
- Plated jaws.
  - ◊ Provide enhanced corrosion protection.
- Engraved crimp groove (Die index number).
  - ◊ Die index embossment allows permanent inspectability of installed connectors to ensure consistently reliable and dependable connections.

SPECIFICATIONS

Length: 26″
Height: 8″
Weight: 8-1/4 lbs.

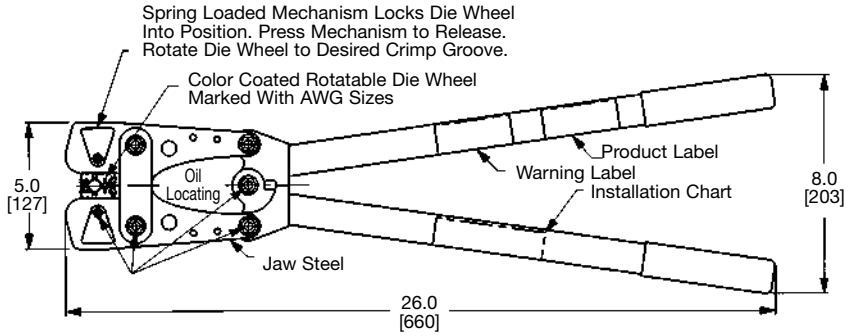
FOR USE ON

MRC840 #8 - 4/0 AWG Copper Terminals and Splices (YA, YA-L, YS, YS-L)

MRC840AL #8 - 4/0 AWG Aluminum Terminals and Splices (YA-A, YS-A)

N-15

Features



Blue highlighted items are industry standard and most frequently ordered.

MY

DIELESS HYTOOL™

#8 Str. through 250 kcmil Copper, #8 Str. through 4/0 Str. Aluminum Conductors

BENEFITS

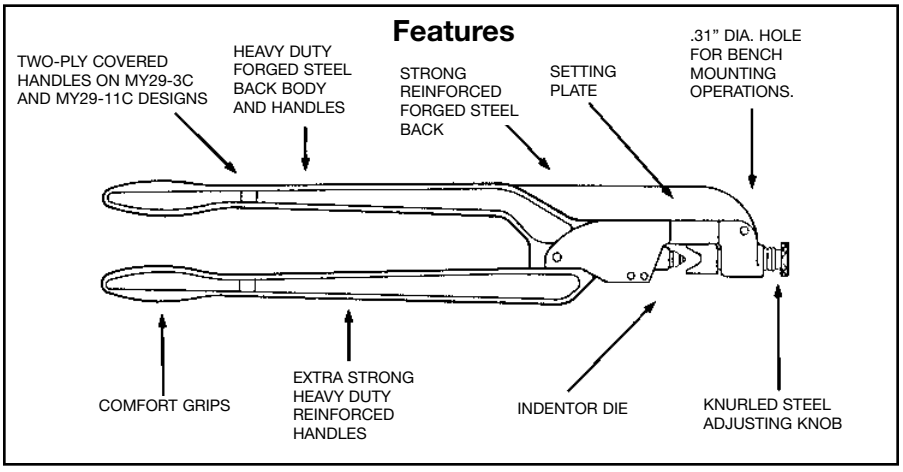
- Save on capital investment with the type MY HYTOOL™ that accommodates a wide range of connector/conductor combinations from #8 str.-250 kcmil.
- Save time, money, and lower installed cost with the original dieless MY tool design. No separate dies required to purchase or to lose.
- Fast and easy tool setting for the connector/conductor combination simply by aligning the white scribe on the nest die with the wire size on the gauge for proper crimping results.
- Easy to adjust nest die with knurled steel knob and machine threads.
- Quality tool with precision machines indentor, component parts and tool body.
- Fast, medium and high volume crimping is easily accomplished by bench mounting the type MY tool in the BMY-BCH-MT bench mount adapter. A single bolt holds the MY HYTOOL™ securely using the .31 dia. mounting hole in the bench mount adapter.



BENEFITS (Continued)

- High quality rugged tool design manufactured from heavy duty forged steel with strong reinforced back and handles.
- Covered handles available on the MY29-3C, MY29-11C and MY29-3CF HYTOOL™.
- Comfort grip handles for long periods of usage.
- Compression terminals and splices are UL listed and CSA Certified when installed with type MY HYTOOL™.
- 5-year limited warranty.

MY29-3	#8 str.-250 kcmil Copper commercial (code) cable
MY29-3C (covered handles)	30 Navy-250 Navy Copper Navy Cable
MY29-3CF (fully covered)	#8 str.-4/0 str. Aluminum commercial (code) cable
MY29 UNIVERSAL KIT	#8 str.-250 kcmil Copper commercial (code) cable
MY29-11	30 Navy-250 Navy Copper Navy cable
MY29-11C (covered handles)	#8 str.-4/0 str. Flexible copper mine machine cable
MY28	#8 str.-4/0 str. Copper aircraft cable
MY28-4	#8 str.-4/0 str. Aluminum aircraft cable
MY28-6 (nylon covered connector)	#8 str.-2/0 str. Copper aircraft cable (flexible)



SPECIFICATIONS

Length: 22.65″
Width: 8 lbs. approx.
Depth: 4.86″
Width: 1.12″

Bench Mount Adapter
Cat. No. **BMY-BCH-MT**

FOR USE ON

Tool	Connectors
MY29-3	
MY29-3C	Copper-YA, YA-L, YS-L
MY29-3CF	Aluminum-YA-A, YS-A
MY29-11	Copper-YA, YA-L, YS
MY29-11C	YAV-FX
	YS-L, YAV-L, YSV-L
MY28	YAV-L, YSV-L
MY28-4	YAV-A-L, YSV-A-L, YAV-A-R
MY28-6	YAE-L, YAEV-RS, YAEV-H, YAEV-RH

ACCESSORIES

BMY-BCH-MT Bench Mount Adapter

MY29 UNIVERSAL KIT Contents:

1 EA	MY29-11
50 EA	YA8CLBOX
50 EA	YAV6CLTC14FX
50 EA	YAV4CLTC516FX
50 EA	YAV2CLTC516FX
50 EA	YAV1CLTC38FX
10 EA	YAV25LTC38FX
10 EA	YAV26LTC516FX
10 EA	YAV27LTC12FX
10 EA	YAV28LTC12FX
10 EA	YA29LBOX
1 EA	CASE

Blue highlighted items are industry standard and most frequently ordered.

OH25

HYTOOL™

One-Hand Operation,
Dieless, Full Cycle Ratchet Tool

Installs service entrance splice connectors. Conductor range: #10 through 1/0.

The OH25 incorporates a full cycle ratchet and cam mechanism allowing an easy, one-hand crimping operation. The ratchet mechanism provides for properly completed crimps every time before the tool can be removed from the connection. The OH25 is designed to install 5/8″ INSULINK™ and LINKIT™ service entrance connectors with only (1) crimp per connector end, speeding installation time. The single crimp covers the complete contact area, eliminating possible overlapping or failure to make the proper number of crimps. 5-year limited warranty.



BENEFITS

- One crimp speeds installation.
- No dies to lose.
- Long dependable life with forged steel jaws and stainless steel indentor.
- Convenient hole to hang tool.
- Protection of internal parts provides long life.
- Ratchet mechanism provides proper crimp and uniform quality installations.
- Easy one-hand tool operation with spring loaded comfort grip handles.
- Proven reliable with years of dependable service.
- 5-year limited warranty.

SPECIFICATIONS

Handle force: 50 lbs. max.
Max force developed: 6,000 lbs.
Weight: 2 lbs. 11 oz.
Length: 12-1/4″

ACCESSORIES

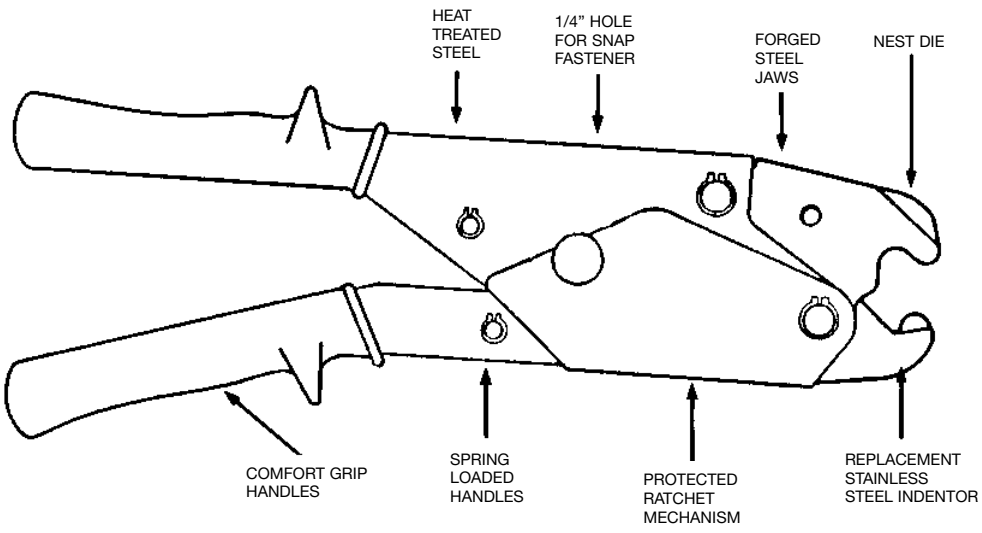
Leather Holster
Cat. No. **PT4583**

No-Go Gauge
Cat. No. **PT8504**
The PT8504 NO-GO Gauge is used to check the OH25 HYTOOL™ crimp dimensions.

FOR USE ON

- 5/8″ Service entrance sleeves
- INSULINK™ Type ES (insulated) #10 through 1/0 str.
- LINKIT™ type YSU (bare) #8 through 1/0 str.
- 5/8″ neutral tension sleeves HYSPLICE™ types YS-S YCS-R YDS-AT #4 through 1/0.
- AYP HYPLUG™ #6-1/0 str.

Features



Blue highlighted items are industry standard and most frequently ordered.

OUR840

840 POPPER HYTOOL™

One-Handed Operation,
Overhead/Underground,
Full Cycle Ratchet Tool
Installs a Range of Connectors
(Taps, Splices, Terminals)

The OUR840 incorporates a full cycle ratchet and cam mechanism allowing an easy, one hand crimping action. Designed for low maintenance operation. The OUR840 has a five (5) year warranty. The ratchet mechanism provides for properly completed crimps every time before the tool can be removed from the connection. With nest and indentor dies, it will install 5/8″ INSULINK™ and LINKIT™ service entrance connectors with only one (1) crimp per end. With the use of reduced handle force "X" dies, additional splices, taps, and terminals can be properly installed. The die inserts snap into the permanent groove easily with one hand and lock securely in the tool with the spring loaded positive lock die retainer buttons. Tool operation is simple:

A. Slip the tool over the connector.
B. The first few strokes grip the connector.
C. Stroke until automatic tool release signifies a completed compression.

INSTALLATION TOOLING

Conductor (Copper)	Connector (Copper) HYLUG™ Terminal	HYLINK™ Splice	Color Code	Die	OUR-840 Die Index	(# Crimps) Std.	Long
#8 AWG Str.	YA8C-	YS8C-	Red	X8CRT	49	1	2
#6 AWG Str.	YA6C-	YS6C-	Blue	X5CRT	7	1	2
#5 AWG Str.	YA5C-	YS5C-	Blue	X5CRT	7	1	2
#4 AWG Str.	YA4C-	YS4C-	Gray	X4CRT	8	1	2
#2 AWG Str.	YA2C-	YS2C-	Brown	X2CRT	10	1	2
#1 AWG Str.	YA1C-	YS1C-	Green	X1CRT	11	1	2
1/0 AWG Str.	YA25-	YS25-	Pink	X25RT	12	2	4
2/0 AWG Str.	YA26-	YS26-	Black	X26RT	13	2	4
3/0 AWG Str.	YA27-	YS27-	Orange	X27RT	14	3	6
4/0 AWG Str.	YA28-	YS28-	Purple	X28RT	15	3	6
250 kcmil	YA29-	YS29-	Yellow	X29RT	16	4	8
			WVT Dies may be substituted				

Conductor (Aluminum)	Connector (Aluminum) HYLUG™ Terminal	HYLINK™ Splice	Color Code	Die	OUR-840 Die Index	No. of Crimps
#8 AWG Str.	YA8CA-	YS8CA-	Blue	X8CART	374	2
#6 AWG Str.	YA6CA-	YS6CA-	Gray	X6CART	346	2
#4 AWG Str.	YA4CA-	YS4CA-	Green	X4CART	375	3
#2 AWG Str.	YA2CA-	YS2CA-	Pink	X2CART	348	4
#1 AWG Str.	YA1CA	YS1CA	Gold	X1CART	471	3
1/0 AWG Str.	YA25A-	YS25A-	Tan	X25ART	296	4
2/0 AWG Str.	YA26A-	YS26A-	Olive	X26ART	297	4
3/0 AWG Str.	YA27A-	YS27A	Ruby	X27ART	467	4
4/0 AWG Str.	YA28A-	YS28A-	White	X28ART	298	6



BENEFITS

- Allows proper crimping of sleeves and terminations in crimping underground applications.
- Proper crimps are assured with butting surface inspection and full cycle ratchet mechanism.
- Uses reduced handles force "X" dies.
- One tool for most service applications.
- Improved service through redesign and improvement of many internal parts.
- Easy visual field check for proper tool adjustment with butting surfaces.
- Easier tool operation is provided with mini strokes and anti-slip grips.
- Nest and indenter dies available.
- W-28K cutter die permits use of OUR840 tool as a cable cutter. Conductor range: #4-4/0 ACSR. Aluminum and Copper.
- UL Listed connections when color coded "X" dies are used on BURNDY® connectors.
- 5-year limited warranty.

SPECIFICATIONS

Max. Crimp Force: 8,000 lbs.
Max Handle Force: 8 lbs. approx.
Weight: 2 lbs. 14 oz.
Length: 13″

FOR USE ON

SELECTED APPLICATIONS

Copper connectors from #8 AWG to 250 kcmil
Aluminum connectors from #8 AWG to 4/0 AWG

ACCESSORIES

Cat. No.
PT4583 Leather Holster

- Top grain cowhide saddle leather.
- Large grommet.

(Order Separately)

OUR840-WC Metal carrying case with die tray.

- Holds one (11) OUR840 and up to eleven (11) "X" dies. Dies not included.

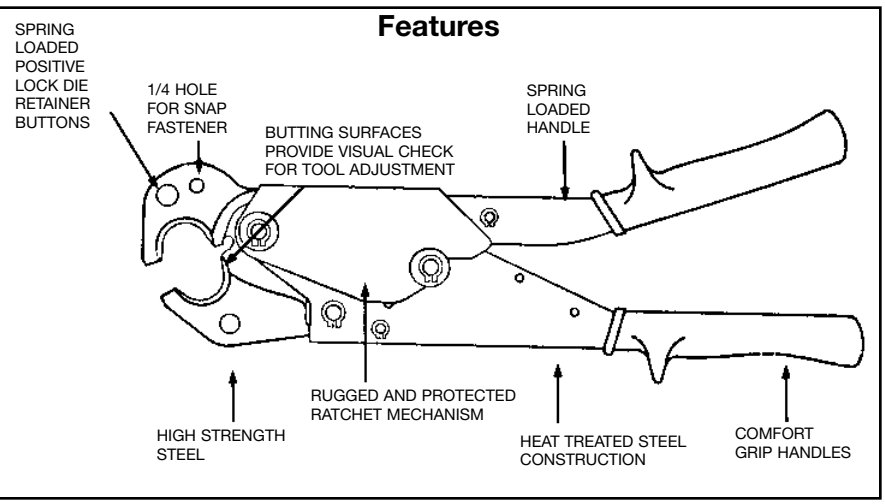
(Order Separately) OUR840 DIES

X-Dies Catalog Number	Die Index	Recommended "W" Die Crimp Ratio
XNBG	BG	2*
XBG	BG	2
X161	161	3*
X241	241	2
X245	245	2
X247	247	2
X249	249	2
X660	660	2
X840	840	1
XOH25	-	OH 25 Equiv.

* Overlap crimps

- "W" Dies with a die index listed above are not recommended for the OUR840. Since the standard "W" Dies are wider than the "X" Dies, additional crimps are required depending on the connector and the die index.

Features



Blue highlighted items are industry standard and most frequently ordered.

MD6-8

HYTOOL™

Hand-Operated Tool

Installs full range of connectors (taps, splices, terminals): #14 through 4/0. Applications: Full Tension and Non-Tension.

The MD6-8 has a five (5) year warranty and is designed to provide over 90,000 reliable crimps installing full-tension and non-tension connectors.

The MD6-8 installs almost all of the line, pole and house connections in the Burndy Compression Connector Program with only one (1) extra die set (W-BG). The tool has two (2) permanent die grooves, "O" and "D_3" for distribution tap connectors. The "D_3" groove also serves as a seat for die inserts to install additional splices, taps and terminal connectors. The die inserts snap into the D_3 groove easily with one hand and lock securely in the tool with the spring loaded positive lock die retainer buttons.

The MD6-K accepts KEARNEY™ type "O" dies and BURNDY® "W" and "X" dies with the KWADP adapter.

KEARNEY™ is a registered trademark of COOPER TECHNOLOGIES COMPANY.

BENEFITS

- Proper crimps are assured with butting steel jaws.
- No additional dies required for "O" and "D_3" size tap connectors.
- Increased strength and greater bearing area is provided with larger steel bolts.
- Fast, easy, one-hand die insertion.
- No lost dies with spring loaded positive lock die retainer buttons.
- Easy visual field check for proper tool adjustment with orange alignment guide lines.
- Over 90,000 crimps provided with Teflon impregnated steel backed bronze bushings.
- Full crimp force assured with over center cam action.
- Easy tool adjustment with allen wrench.
- Operator protection provided with butt stops and heat shrink tubing.
- Long life expectancy provided with select clear hickory handles and lightweight high strength aluminum alloy castings.
- Easier tool operation is provided with bent handles and anti-slip grips.
- The "D_3" groove accommodates the complete line of type "W-" die inserts.
- 5-year limited warranty.



MD6 Tool Variations

MD6 Standard MD6 with permanent "BG" (5/8″) and "D_3" grooves. Installs CABLELOK CRIMPIT and HYCRIMP™ Tap Connectors with one additional die insert (W-O). All other tool features and connector ranges are the same as the MD6-8 described above.

MD6-4 Standard MD6 with permanent "BG" (5/8″) and "D_3" grooves and straight fiberglass handles 24" long. Fiberglass rated at 100 kV per foot for 5 minutes.

MD6-14 Standard MD6 with permanent "BG" (5/8″) and "D_3" grooves and straight fiberglass handles 19″ long including bent aluminum grips. Fiberglass rated at 100 kV per foot for 5 minutes.

MD6-12 Standard MD6-8 jaws with permanent "O" and "D_3" grooves and straight fiberglass handles 24" long. Fiberglass rated at 100 kV per foot for 5 minutes.

MD6-6 "Snub-Nose" variation of MD6 has a permanent "D_3" groove in jaw. Recommended for use where space for tool jaw is limited.

MD6-37 Permanent 161, 162, 163, 171 dies in the jaw (J, M&P, T & X).

MD6-38 Permanent K, BG, C, dies in the jaw.

MD6-K "Snub-Nose" permanent KEARNEY™ groove.

SPECIFICATIONS

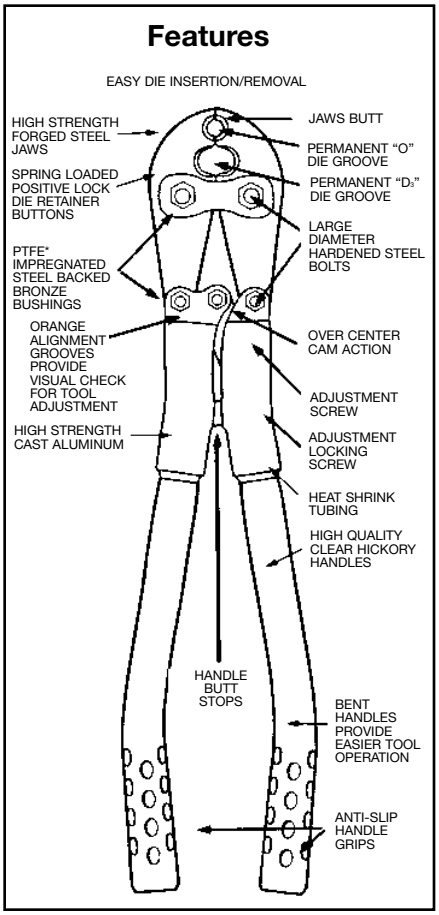
Crimp Force: 9,000 lbs.
Length: 25-3/8″
Weight: 6 lbs.

Quality Unsurpassed!
Life cycle tested under full operating forces for over 90,000 cycles successfully without adjustment or any parts replacement.

FOR USE ON

- Copper, Aluminum, ACSR, Copperweld, Alumoweld, Steel, 6201, 5005, Compressed and compact conductors.
- Copper Taps: #10 sol.-2/0 str.
- Aluminum, ACSR Taps: #14 sol.-4/0 ACSR
- Stirrups: #6 ACSR-4/0 ACSR
- Overhead Full Tension Deadend, Full Tension Splices, Non Tension Splices, and Terminals Conductor Range: #10 str.-4/0 ACSR.
- Code conductor connectors: #6-4/0 str. Copper and Aluminum

To Check Tool Adjustment
Simply close the tool handles until the jaws initially butt. When the orange alignment grooves are in line, the tool is in correct adjustment.



N-19

Blue highlighted items are industry standard and most frequently ordered.

MD7 POSI-PRESS

HYTOOL™

Hand-Operated Tool

The MD7 POSI-PRESS HYTOOL™ is a composite polymer handle installation tool that requires no adjustment for the life of the tool. This assures users of the MD7 tool, that all connections installed with the MD7 POSI-PRESS HYTOOL™ are consistent and reliable over the life of the tool. This new technology tool provides a visual wear indicator that makes verification of the tool's condition easy to determine. Once the tool has worn beyond its useful life, it can be returned to BURNDY's Tool Repair Center for re-fitting at a fraction of the price of a new tool.

Installs full range of connectors, (taps, splices, terminals): #14 Awg through 4/0 AWG.

Applications: Full-Tension and Non-Tension.

The MD7 series of tooling has a five (5) year warranty and is designed to provide over 99,000 reliable crimps installing both full-tension and non-tension connectors.

The MD7-8 POSI-PRESS HYTOOL™ installs almost all of the line, pole, and house connections in the Burndy Compression Connector Program with only one (1) extra die set (W-BG). The MD7-8 tool has two (2) permanent die grooves, "O" and D_3" for distribution tap connectors. For other tool versions, see the MD7 Tool Variations sections below. The "D_3" groove also serves as a seat for die inserts to install splices, taps, and terminal connectors. The die inserts snap into the "D_3" groove easily with only one hand, and lock securely in the tool with the spring loaded, positive lock, die retainer buttons. Handles have been tested at 100 kV per foot for five (5) minutes.



FEATURES

- Ergonomically designed, one-piece, composite polymer handles.
- Comfort grip handles.
- Time-proven steel jaw designs.
- No tool adjustment required.
- 99,000 crimp/cycle life.
- Positive lock, spring loaded die retainer buttons.
- Permanent "D_3" die groove.
- PTFE impregnated steel/bronze bushings and stainless steel pins.
- Electroless nickel plated jaws and jaw links.

BENEFITS

- Easier tool operation due to unique handle design, and anti-slip grips.
- Improves operation by preventing slipping.
- Proper crimps are assured with butting jaws.
- Provides reliable and consistent crimps every time.
- Lasts up to 6 times longer than cheap imitations, and will still be working when others have long since worn out.
- No lost dies and one-hand die insertion.
- Allows use of the complete line of Burndy "W" and "X" die inserts.
- Increases life of tool by reducing tool wear.
- 5-year limited warranty.

SPECIFICATIONS

Crimp force: 9,000 lbs.
60 lbs. Handle Force
Length: 25″
Width: 8″ (at handle end)
4-1/2″ (at jaw end)
Width: 7 lbs.

Unsurpassed Quality that no one else can match!
Life cycle tested under the full range of operating forces for over 99,000 cycles successfully without failure or any parts replacement.

FOR USE ON

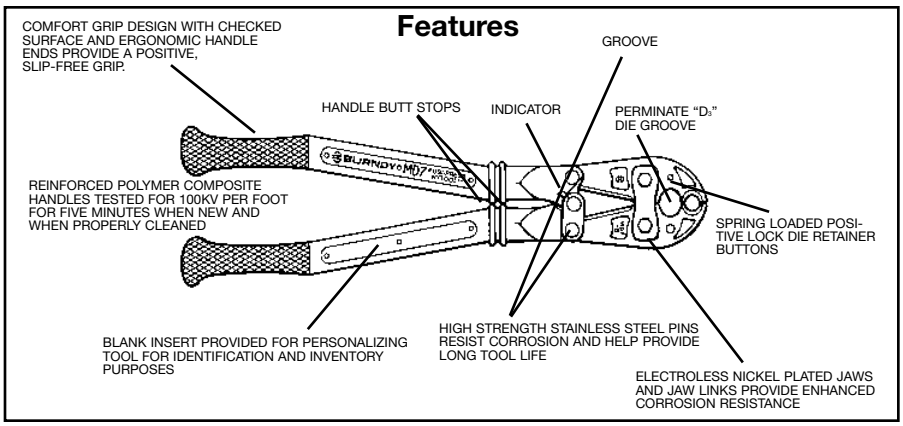
- Copper, Aluminum, ACSR, Copperweld, Alumoweld, Steel, 6201 5005. Compressed and compact conductors
- Copper Taps: #10 sol. - 2/0 str.
- Aluminum, ACSR Taps: #14 sol. - 4/0 ACSR
- Stirrups: #6 ACSR - 4/0 ACSR
- Overhead Full Tension Deadend, Full Tension Splices, Non Tension Splices, and Terminals Conductor Range: #10 str. - 4/0 ACSR
- Code conductor connectors: #6 - 4/0 str. Copper and Aluminum

MD7 Tool Variations

MD7-8 MD7 with permanent "O" and "D_3" grooves. Installs almost all of the line, pole, and house connections in the Burndy Compression Connector Program with only one (1) extra die set (W-BG).

MD7-6 "Snub-Nose" variation of MD7 has a permanent "D_3" groove jaw. Accepts the full-line of BURNDY® "W" and "X" die inserts. Recommended for use where space for tool jaw is limited.

MD7 Standard MD7 with permanent "BG" (5/8″) and "D_3" grooves. Installs Cablelok Crimpit and HYCRIMP™ Tap connectors with one (1) additional die insert (W-O). All other tool features and connector ranges are the same as the MD7-8.



Blue highlighted items are industry standard and most frequently ordered.

MD7-34R POSI-PRESS

HYTOOL™

Hand-Operated Full Cycle Ratchet Tool

The MD7-34R POSI-PRESS HYTOOL™ has a full stroke ratchet that assures the user has cycled the tool completely for a consistent crimp every time. The tool handles are manufactured from a new reinforced composite polymer that requires no adjustment for the life of the tool. This new tool design assures users that all connections installed with the MD7-34R are consistent and reliable over the life of the tool. A visual wear indicator provides easy verification of the tool's condition. An emergency ratchet release allows tool removal in case of mistaken die choice or to reposition tool. The MD7-34R crimps color coded lugs and splices for #8-500 kcmil class B code conductor and #8-350 kcmil Cu Flex conductor. It will also crimp thin wall C-Taps from #12 - 3/0 AWG class B code conductor. The color coded W-VT dies snap into the jaw grooves easily with only one hand and lock securely into the tool with the spring loaded, positive lock, die retainer buttons. The die index number is engraved in the crimping groove to emboss the finished connection. This makes inspection and verification of proper installation an easy process. Due to the one piece handle design, if the tool ever wears beyond it's useful life, it can be returned to BURNDY's Tool Repair Center for refitting at a fraction of the price of a new tool. A rubber covered version, the MD7-34R-C, is available.



FEATURES

- Full Stroke Ratchet Mechanism.
- Ergonomically designed, one piece, composite polymer handles.
- Comfort grip handles.
- Time-proven forged steel jaw designs.
- No tool adjustment required.
- Positive lock, spring loaded die retainer buttons.
- PTFE impregnated steel/bronze bushings and stainless steel pins.
- Color Coded Dies.
- DIE index embossed on finished connection.

SPECIFICATIONS

Crimp force: 9,000 lbs.
Length: 26″
Width: 8″ at handles 4-1/2″ at jaws
Jaw Covering: EPDM Rubber (MD7-34RC).
Handle Material: Reinforced composite polymer
Warranty: 5 years

MD7-34 Tool Variations

MD7-34R - #8-500 Cu HYDENT™, Full Stroke Ratchet
MD7-34R-KIT1 - MD7-34R, metal carrying case and all dies for #8-500 kcmil Cu HYDENT™ and C-Taps
MD7-34 - Supplied without the ratchet mechanism
MD7-34-KIT1 - MD7-34, metal carrying case, and all dies for #8-500 kcmil Cu HYDENT™ and C-Taps for #12 - 3/0 AWG.

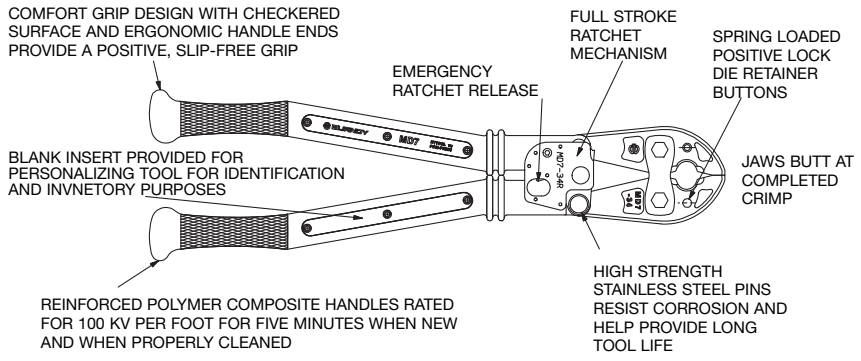
FOR USE ON

- Copper Lugs and Splices #8-500 kcmil. Types YA, YA-L, YA-L-TC, YA-L-NT, YS-L, YS, YST, YA-TC
- Copper Lugs and Splices #8-350 kcmil Flex. Types YAV-L-TC-FX, YA-LB, YA-TC-FXB, YSV-L, YAV-L-NT-FX, YAV-L-FX, YAV-FXB
- Copper Battery Lugs #8-350 kcmil Flex. Types YAG-TC-LD
- Thin wall C-taps #12 - 3/0 AWG. Types YC-L

BENEFITS

- Easier tool operation due to unique handle design, and anti-slip grips.
- Grips and handle knobs improve operation by preventing slipping.
- Butting jaws assure proper crimps.
- Wear indicator allows instant inspection of calibration.
- Full cycle ratchet assures complete consistent crimp.
- High grade hardware increases tool life and durability.
- Allows use of complete line of BURNDY® W-VT, W-RT and X-RT series dies.
- Color Coded dies simplify selection of correct connector and die combinations.
- Die index embossment on crimp provides easy inspection and quality assurance.
- 99,000 crimps without needing adjustment.
- 5-year limited warranty.

Features



Blue highlighted items are industry standard and most frequently ordered.

MD6/MD7

TOOLING ACCESSORIES

Dies for Special Applications

(See present installation tool index in reference section for complete W-Die listing.)

W-BG
The W-BG die is a double groove die set requiring only one (1) crimp per end on service entrance sleeves and only 1/2 the number of crimps on other 5/8″ sleeves.

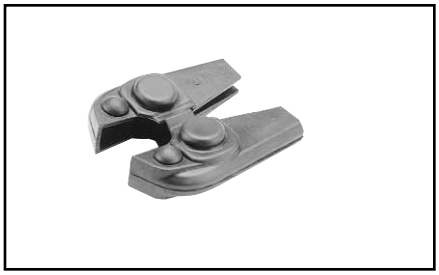
W-28K
The W-28K cutter die permits use of MD6/MD7 type tools as a cable cutter. Conductor range: 4-4/0 ACSR, Aluminum or Copper.

Protective Jaw Covers

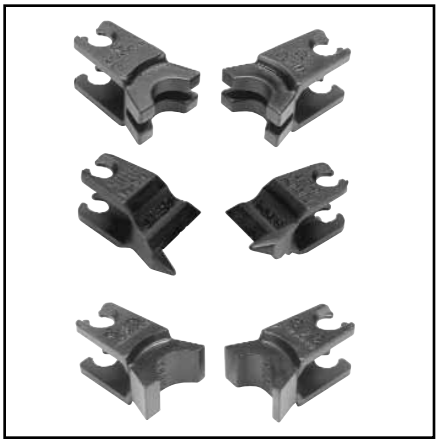


Cat. No. **MD6-CP1**
The laminated vinyl covers, are provided for the MD6/MD7 HYTOOL™ to avoid damage. Compact in size, the covers snap easily into place over the jaw edges without obstructing vision.

The MD6-CP1 fits all MD6/MD7 tool variations except the Snub-Nose MD6-6/MD7-6 type design. Supplied as a set.



Cat. No. **PT6744**
The semi-rigid Neoprene cover, a non-conductive material, is provided for the MD6-6 “Snub-Nose” HYTOOL™ to avoid damage. Fits all MD6-6 Snub-Nose variations.



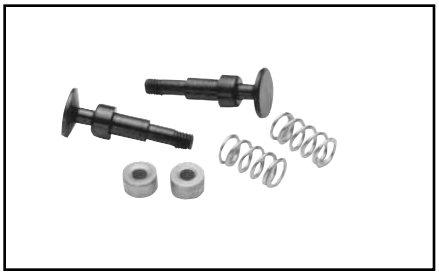
Non-Bowing Dies

Cat. Nos. **W-687** and **W-702**
The Non-Bowing die sets install one-piece, full-tension UNISPLICE™ sleeves on ACSR conductors without bowing.

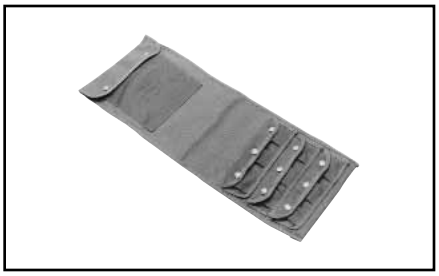
UNISPLICE™ ONE-PIECE SLEEVES:

W-687 Installs: #4 ACSR 6/1, 7/1-YDS4RL and YDS4RLY
#2 ACSR 6/1-YDS2RL and YDS2RLY

W-702 Installs: #2 ACSR 7/1-YDSO21RL and YDS021RLY
1/0 ACSR-YDS25RL and YDS25RLY



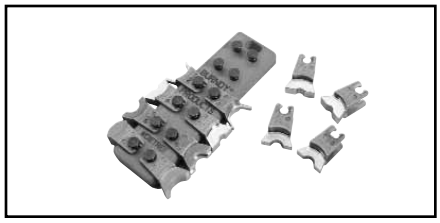
PT4931-1
Die Button Repair Kit



Cat. No. **PT4925**
Canvas Bag
The PT4925 is a sturdy canvas bag for protecting the MD6/MD7 tools with or without rubber covers plus up to (9) die sets. Dies purchased separately.



Cat. No. **CASEWDIES**
Compact Die Case
Compact die case for (12) “W” or “X” die sets. Dies purchased separately.



Cat. No. **WDIETREE**
W Die Holder
This innovative W-Die Holder replaces the standard metal carrying case designed for BURNDY® W-Dies. Its straight forward design allows for easy insertion of the W-Dies onto the holder, providing greater flexibility and secure storage.



Cat. No. **PT4952-1**
Steel Carrying Case
The PT4952-1 steel carrying case provides storage and protection for the MD6 tools with or without rubber covers plus up to (18) die sets. Tool and die sets not included. Fits MD6, MD6-6, MD6-8, MD6-14, MD6-37, MD6-38, MD7 and MD7-6.



Cat. No. **PT6733**
Hot-Line Tool Carrying Bag
The PT6733 is a heavy-duty, adjustable canvas bag for the storage and protection of Hot-Line Tools. The bag accommodates 48″, 60″ and 72″ variations of the MD6 and Y35 Hot-Line Tools.

Blue highlighted items are industry standard and most frequently ordered.

MD6R

HYTOOL™

Full-Cycle Ratchet Tool

Installs full range of connectors (Taps, Splices, Terminals): #6 through 4/0 AWG.

Applications: Overhead and underground — full-tension and non-tension. Use MD6-6R2 for code cable terminals and splices through 500 kcmil copper.

The MD6R full-cycle ratchet tool installs all the same connectors using the same "W"-type dies that the MD6 tool installs plus the addition of code cable connectors through 500 kcmil copper.

A maximum handle force of 40 lbs. plus short handle opening and angled head combine to provide an ideal tool for difficult overhead and tight underground applications. 5-year limited warranty.



BENEFITS

- Precise crimping everytime is provided with the ratchet mechanism and automatic release only after five (5) handle strokes.
- Easy tool operation is provided with 40 lbs. maximum handle force reducing possible back strain.
- Convenient operator usage for difficult to reach overhead and tight underground trench applications is provided with the angled head, short handle stroke and minimal handle force requirements.
- Easy handling and insertion is provided with spring loaded handles.
- The D_3 groove accommodates the complete line of "W" die inserts.
- 5-year limited warranty

MD6R Variations:

Cat. No.	Permanent Die Grooves
MD6R	BG (5/8″) and D_3
MD6-6R	D_3 Snub-Nose
MD6-6R-2	D_3 Modified for copper color coded dies #8 through 500 kcmil.
MD6-8R	O and D_3

Accessories:

Cat. No. **PT4925**
The PT4925 is a heavy-duty canvas carrying bag for the storage and protection of the MD6...R tools. Pockets for dies are included.

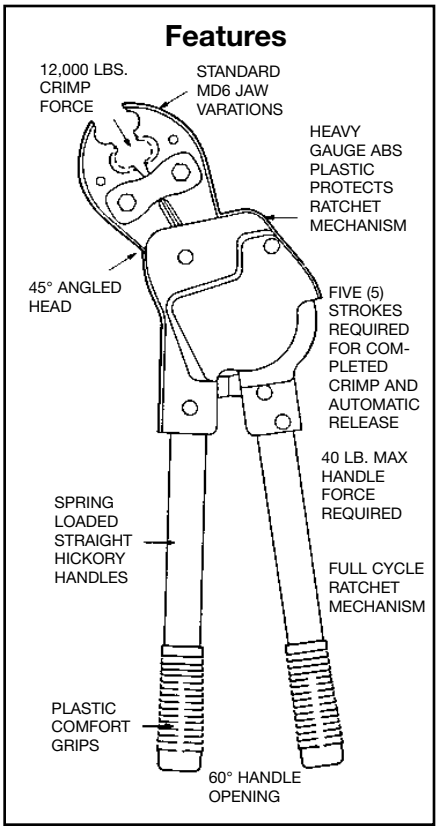
Cat. No. **PT17188**
ABS Cover Kit
The PT17188 is the heavy-duty ABS plastic cover kit including (3) piece ABS cover, label and hardware.

SPECIFICATIONS

Output force:	12,000 lbs.
Handle input force:	40 lbs.
Number of strokes:	5
Weight:	10 lbs.
Length:	24″

FOR USE ON

- Copper, Aluminum, ACSR, Copperweld, Alumoweld, Steel, 6201, 5005, Compressed and compact conductors.
- Copper Taps: #10 sol.- 2/0 str.
- Aluminum, ACSR Taps: #14 sol.- 4/0 ACSR.
- Stirrups: #6 ACSR- 4/0 ACSR.
- Overhead Full Tension Deadends, Full Tension Splices, Non Tension Splices, and Terminals Conductor Range: #10 str.-4/0 ACSR.
- Code conductor connectors: #6-500 kcmil. Copper.



Blue highlighted items are industry standard and most frequently ordered.

MD6 HOTSTICK TOOLS

The MD6 Type Hotstick tools incorporate either a pantograph toggle action handle or straight handles. They use standard MD6 Type jaws so that they will do everything the standard MD6 will do only they can be used for energized installations. The fiberglass handles are rated at 100 kV/ft for 5 minutes. 5-year limited warranty.



BENEFITS

- The MD6-HS type Hot-Line Tool incorporates a pantograph, toggle-action design to install connectors with the same handle force as the standard MD6-type tooling.
- All fiberglass handles rated at 100 kV per foot for five minutes.
- Angled head and lightweight makes connector installation easier.
- Supplied with MD6, MD6-6, and MD6-8 jaw variations.
- The MD6-AH type Hot-Line Tool incorporates an angled head to make hard to reach hot-line connections easier.
- Straight 48” fiberglass handles rated at 100 kV per foot for five minutes.
- Supplied in MD6, MD6-6 and MD6-8 jaw variations.
- 5-year limited warranty.

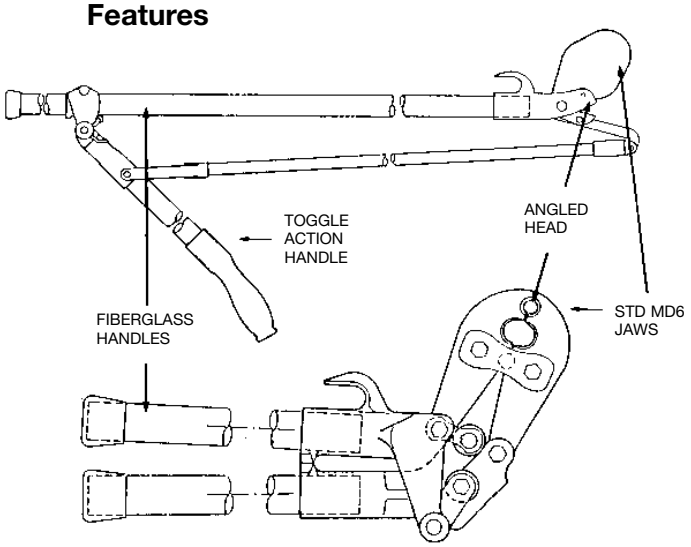
SPECIFICATIONS

Cat. No.	Handle Length	Weight/Lbs.
MD6HS60	60″	15.5
MD6HS72	72″	16.5
MD6-6HS60	60″	15.5
MD6-6HS72	72″	16.5
MD6-8HS60	60″	15.5
MD6-8HS72	72″	16.5
MD6-AH48	48″	13.75
MD6-8AH48	48″	13.75

FOR USE ON

- Copper, Aluminum, ACSR, Copperweld, Alumoweld, Steel, 6201, 5005. Compressed and compact conductors.
- Copper Taps: #10 sol.-2/0 str.
- Aluminum, ACSR Taps: #14 sol.-4/0 ACSR.
- Stirrups: #6 ACSR-4/0 ACSR.
- Overhead Full Tension Deadends, Full Tension Splices, Non Tension Splices, and Terminals Conductor Range: #10 str.- 4/0 ACSR.
- Code conductor connectors: #6 - 4/0 str. Copper and Aluminum.

Features



Blue highlighted items are industry standard and most frequently ordered.

RK147-2

CONSTRUCTION/ MAINTENANCE WIRE STRIPPERS

These two lightweight strippers feature precision ground blades that give a precise and rapid strip for small wire applications. The RK190-2 has presize stripping grooves for #10-#20 AWG solid and a copper wire cutting blade. The RK147-2 is an adjustable stripper cutter with a simple cam screw adjustment for multi-varied wire sizes and insulation thickness up to #12 AWG solid or stranded wire. Both tools are part of BURNDY's convenience package program and are shipped on merchandising rack cards.

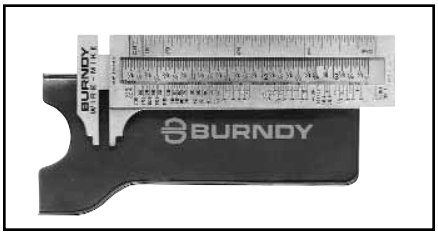


RK147-2

Wire Stripping Range: No minimum, up to #12 AWG
Overall Length: 5.31″
Weight: .18 lbs.

WIREMIKE

RK194-2
The wire mike is a useful instrument designed for measuring ACSR, stranded and solid conductors, I.P.S. tubing, rigid and thinwall conduit, plus inside and outside dimensions of tubing and pipe sizes. A ruler is also included.



FOR USE ON:

- ACSR: #6 - 336.4 (26/7) str.
- Stranded: #18 str. - 2,000 kcmil
- Solid: #20 sol. - 4/0 sol.
- IPS Tubing (Cu/Al) & Rigid conduit: 1/4″ - 2-1/2″
- Tubing sizes: 3-11/8″ inside max. 2-15/16″ outside max.
- Thinwall conduit: 3/8″ - 2-1/2″

BENEFITS:

- Provides quick and easy identification of commonly used conductors (ACSR, stranded and solid AWG).
- Provides quick and easy identification of IPS tubing and rigid conduit.
- Provides quick and easy identification of thinwall conduit.
- Measures I.D. and O.D. of tubing.
- Provides easy conversion of information.
- Strong, durable, long lasting, high quality stainless steel wire mike.
- Convenient size makes it easy to carry.
- Available with your company name and logo. Customer must supply camera ready artwork. Contact BURNDY® for details. Minimum order required.

Y500CT-HS

L'IL CRIMP™

6 Ton Hydraulic Crimp Tool

The BURNDY® Y500CT-HS HYPRESS™ connector installation tool provides 6 U.S. Short tons of force in a compact and easy to use, hand-held hydraulic tool. The Y500CT-HS incorporates a specialized latch style head with a generous working stroke for a wide variety of crimping applications. The specialized head allows interference-free closures on tap connectors up to the BURNDY® YHD-400 size. The head is fitted onto a lightweight tool body with handles that are ergonomically designed to provide slip-free grip and easier crimping. The tool features a patented high speed ram advance mechanism that minimizes crimp cycle time along with an ergonomic trigger drain mechanism that allows the ram to return to the preset position. The tool accommodates all BURNDY® "X", "W", and "W-VT" style dies that seat in the permanent "D_3" crimping groove. Installation applications include #6 AWG to 600 kcmil copper lugs and splices, #6 AWG to 350 AWG aluminum lugs and splices, and up to 4/0 aluminum tap connections. The permanent "D_3" groove and 180 degree rotatable head are standard on the Y500CT-HS.

Each Y500CT-HS HYPRESS™ tool uses BURNDY® dies and off-the-shelf connectors that are available worldwide. Your Y500CT-HS HYPRESS™ comes equipped with a durable metal carry case to hold the tool and a multitude of die sets.



Features and Benefits

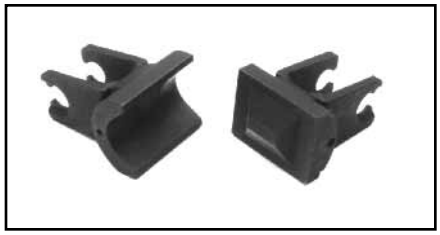
- Lightweight latch head design.
  - ◊ Provides enhanced clearance for tap connectors.
- 180° head rotation.
  - ◊ Versatile tool head allowing user crimp access into tight spaces.
- Ergonomic handle design.
  - ◊ Easier operation, helping reduce fatigue.
- Audible pressure "pop-off" valve.
  - ◊ Indicates properly completed crimp.
- Permanent "D_3" crimp groove accepts all BURNDY® "W" and "X" dies.
  - ◊ Standard die design with proven performance.
- Durable metal carrying case.
  - ◊ Provides superior protection and stores all accessories.
- High speed ram advance.
  - ◊ Provides faster crimps.
- Handle trigger drain.
  - ◊ Convenient ram retraction.
- 5-year limited warranty.
  - ◊ Customer satisfaction and technical support.

SPECIFICATIONS

Output Force: 6 tons (5.4 metric tons)
Tool Weight: 7.8 lbs. (3.5 kg)
Total Strokes: 7 (w/o connector)
Height: 6.0″ (152 mm)
Length: 17.6″ (447 mm)

FOR USE ON

- Copper, Aluminum, ASCR, Steel, Copperweld, Alumoweld, 6201, 5005, Compressed, Compact, Stranded & Solid conductors
- Installs splices, taps, or terminations:
  #8 - 600 kcmil Copper Str.
  #8 - 350 kcmil Flex
  #8 - 350 AWG Aluminum

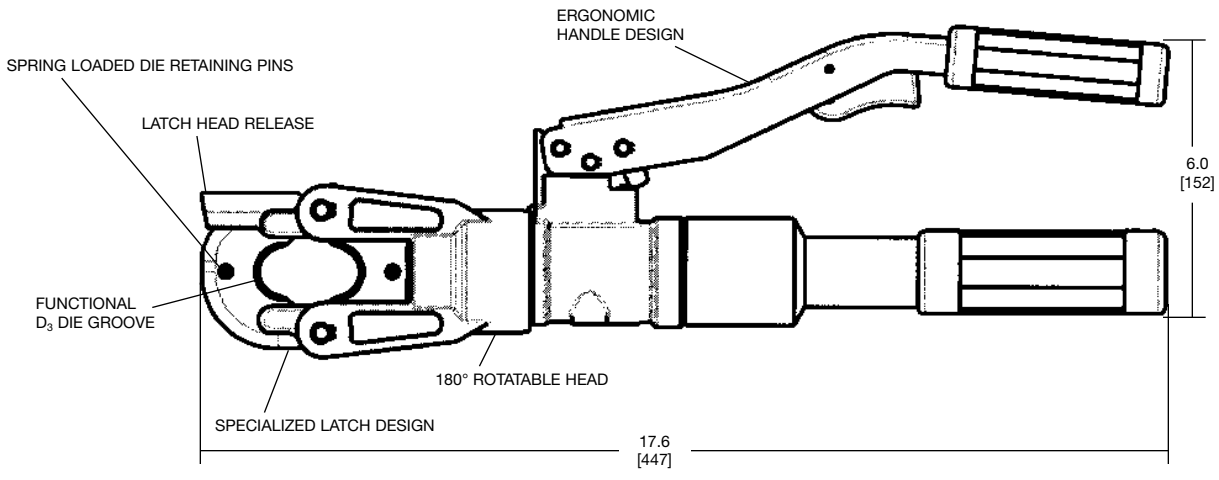


RANGE TAKING DIES

WDC4500: #4-500 Cu Str.
#2-4/0 Cu Flex
UL and CSA for use on YA and YS series. Also for use on YAV and YSV series.

WDA8300: #8-300 Al
#6-400 Cu Str.
#2-4/0 Cu Flex
UL and CSA for use on YA, YS, YA-A, and YS-A series. Also for use on YAV and YSV series.

Features



Blue highlighted items are industry standard and most frequently ordered.

Y35 AND Y35-2

HYPRESS™

Hand-Operated Hydraulic Tool

The Y35 HYPRESS™ Tool incorporates a C-shaped, rotatable head for overhead line work and compression grounding applications. The hook style head with extensive ram travel provides for easy tapping and splicing of overhead lines as well as HYGROUND® compression grounding systems.

The Y35-2 HYPRESS™ head, body and handles are covered with 3/16″ rubber for tool impact protection.

Order the hot-line handle assembly, "U" dies and accessories separately. 5-year limited warranty.



SPECIFICATIONS

	Y35	Y35-2
Force developed:	12 tons	12 tons
Operating pressure:	10,000 psi	10,000 psi
Weight (less case):	13 lbs.	13-1/2 lbs.
Overall length:	23-1/4″	24″
Head width:	4-3/4″	6″
Molded Covering:	Body & Handles	Head, Body and Handles

FOR USE ON

Copper #8 str.-500 kcmil Code Cables	Terminals-grounding YGH, YGHA, YGF Splices-grounding YGS, YGHS
Copper #8 str.-kcmil and up to 3/4" ground rod	Taps-grounding YGHC-C, YGHP-C YGHR-C
Copper #8 str.-750 kcmil Code Cables N30-N500 Navy Cables Flexible and Extra Flex	Terminals Uninsulated YA, YA-2N, YA-L, YA-LB YA-2LN Terminals Insulated YAEV-L Box, YAEV-L YAEV-H, YAEV-RS, YAEV-RH Splices To Size 400 kcmil YS, YS-T, YS-L YS-LB, YSV-L Box YSV-L, YSM
Aluminum #8 str.-750 kcmil Code Cables	Terminals YA-A AYP, AYPO Splices To Size 350 kcmil YSA, YRB, YS-AT
ACSR	See Burndy Overhead Transmission and Distribution Catalog Module

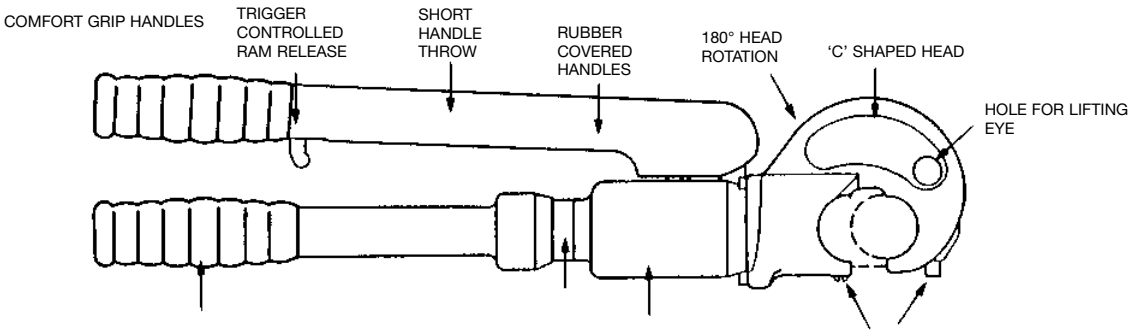
BENEFITS

- Compact "C" shaped head allows easy placement and removal from continuous conductor lengths.
- Easy to position tool for work with 180° head rotation.
- Versatile and economical-tool works with all commonly used copper, aluminum and ACSR conductors from #6 str. to #556.5 26/7 stranding.
- Body and handles covered with 3/16″ molded rubber for tool impact protection.
- Easy die change accomplished with push button die locks.
- Quality assurance is provided with automatic 10,000 PSI blow-off pressure release valve for positive crimping.

BENEFITS (Continued)

- Rapid ram advance reduces installation time by eliminating need to pump handles to advance ram to connector.
- Saves installation time with trigger controlled return release which returns ram to its preset starting point.
- Long continuous usage is aided with comfort grip handles.
- Compression terminal and splice connectors are UL Listed and CSA Certified when installed with recommended die set.
- 5-year limited warranty.

Features



Blue highlighted items are industry standard and most frequently ordered.

Y35 SERIES ACCESSORIES



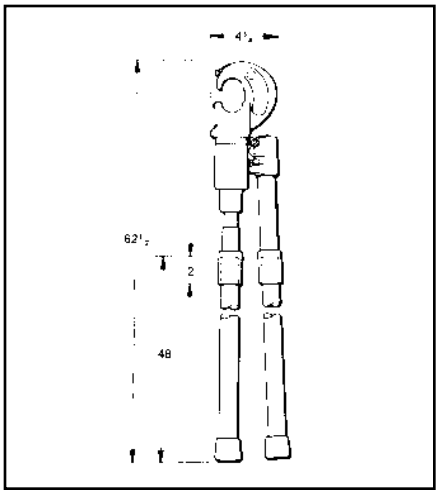
PT 29279-2

Force Test Gauge

The PT 29279-2 Force Test Gauge is designed to provide an accurate visual reading of the output force produced by the hand-hydraulic Y35, Y35-2, Y39 and Y750 HYPRESS™ tools. It is not recommended for any remote powered HYPRESS™ heads such as the Y35BH. The PT 29279-2 Force Test Gauge is factory calibrated and inspected to very stringent tolerances providing the customer accuracy and an excellent means for quality assurance control. Supplied with padded storage case.

BENEFITS

- Easy to read
- Provides means for quality assurance control.
- Blank (test) “U” dies are provided for testing procedure.
- Tool output force is applied to load cell for visual read out of the resulting force on the dial.
- The blank (test) “U” set is included with the Force Test Gauge.
- An easy to read operating and maintenance manual is included.



Cat. No. **HH5-RL48**

Hot-Line Handle Assembly

The HH5-RL48 is a 48” long fiberglass handle assembly that easily attaches to a standard Y35 HYPRESS™ tool. Rotation of the handles controls the rapid ram advance and release mechanisms. The handles are rated at 100KV per foot for five minutes. The Catalog Number does not include the Y35.

For factory assembled unit order Catalog Number **Y35-16**.



Cat. No. **PT6733**

Hot-Line Tool (Heavy-Duty) Carrying Bag

The PT6733 is a heavy-duty, adjustable canvas bag for the storage and protection of hot-line tools. The bag accommodates 48″ through 72″ variations of the Y35 and MD6 hot-line tools.



Cat. No. **PT29291**

Die Case

Steel case designed for storage and protecton of “U” dies used with the Y35 and other BURNDY® tools. Holds 15 die sets. Length 9 1/2″, width 6″, height 1-1/2″. Dies sold separately.

Y34A Indentor Adaptor:
To use Y34A indentors in a Y35, Y39, or Y750 tool.
Cat. No. **Y35P3**

Seal Repair Kit:
Cat. No. **Y35/Y39 REP KIT A**

Steel Carrying Case
Cat. No. **PT2972** for Y35
Cat. No. **PT29360** for Y35-2

Blue highlighted items are industry standard and most frequently ordered.

Y39

HYPRESS™

Hand-Operated Hydraulic Tool

The versatile, lightweight Y39 weighs 13 lbs., and its small 3-1/8″ wide head rotates 180° for convenience and flexibility. The tool provides 12 tons of crimping power, while its built-in overload valve automatically releases pressure when the crimp is completed.

The Y39 is designed for easy die insertion and removal without ball checks or set screws. Its rapid ram advance and trigger-controlled release eliminate unnecessary pumping after every crimp. 5-year limited warranty.



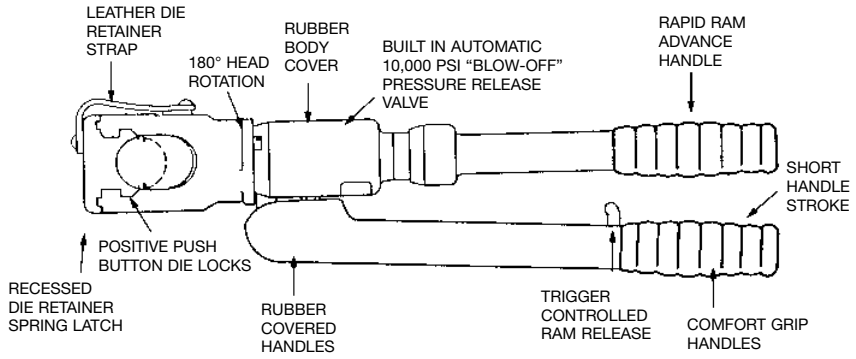
BENEFITS

- Easy to work in small tight spaces with only a 3-1/8″ wide compression head and short handle throw.
- Easy to position tool for work with 180° head rotation.
- Versatile and economical-tool works on all commonly used copper and aluminum conductors from #6 str. to 750 kcmil.
- Body and handles covered with 3/16″ rubber.
- Easy to locate and hold dies in position with the positive push button die locks plus die changing is accomplished easily without ball checks or set screws.
- Easy to remove or lock into position die holder with recessed spring latch plus leather strap to prevent loss.

BENEFITS (Continued)

- Quality assurance is provided with automatic 10,000 psi “blow off” pressure release valve for positive crimping.
- Rapid ram advance elmininates requirement for pumping handles to advance ram to connector.
- Trigger release allows ram to return to preset position.
- Long continuous usage is aided with comfort grip handles.
- Compression terminal, tap and splice connectors are UL Listed and CSA Certified when installed with the Y39 tool and recommended die set.
- 5-year limited warranty.

Features



SPECIFICATIONS

Force developed:	12 tons
Operating force:	10,000 PSI
Weight - less case:	12 lbs.
Overall length:	23″
Max. head width:	3-1/8″
Die accommodation:	U-dies

FOR USE ON

Copper
#6 AWG -750 kcmil str.
Code Cable
N30 - N650 Navy Cable
Flexible and Extra Flexible
Terminals -Uninsulated
YA, YA-L, YA-LB, YGH, YGHA
Splices & Tees - Uninsulated
YS, YS-L, YS-LB, YS-T, YSP-T, YST

Copper- AN or AIR
#6 AWG-#4/0 str. Code Cable
AN6-AN #4/0 Aircraft Cable
Flexible and Extra Flexible
Terminals - Uninsulated
YAV-L Box, YAV-L, YAV-Rs Box, YAV-RS
Splices - Uninsulated
YSV-L Box, YSV-L

Copper-Insulated Terminals
#8 AWG - #2/0 str. Code Cable
AN8 - AN #2/0 Aircraft Cable
Flexible and Extra Flexible
Terminals-Insulated
YAEV- L Box, YAEV- L, YAEV- RS Box, YAEV- RS, YAEV-RH

Copper-Taps
#12 AWG Solid-250 kcmil
Taps -YC-C, YGHC -C, YGHP -C, YGHR -C

Aluminum
#8 AWG-750 kcmil str.
Code Cable
Terminals-YA-A
Splices-YS-A, YS-AT, YRB

Aluminum
#6 str.-500 kcmil
Taps -YFD, YFN, YFO

Blue highlighted items are industry standard and most frequently ordered.

Y750HSXT AND Y750CHSXT RUBBER COVERED HEAD

750 REVOLVER HYPRESS™

Hydraulic Hand Operated Tool—
12 Ton Crimp Force

Conductor Range:
#14 - 750 kcmil Cu/Al
#4 - 556.5 kcmil ACSR

The BURNDY® Y750HSXT Series HYPRESS™ is a wide mouth (1.65″) hand operated hydraulic 12 ton crimping tool for use on virtually all compression applications. The C-shaped head rotates 355° relative to the handle and is mated to a patented rapid advance pump. The Y750HSXT provides easy tapping, splicing, and terminating of overhead lines, the full line of HYGROUND® compression grounding connectors, NEC cable connections, and N30 - N650 Navy cable connections.

The Y750HSXT accepts all BURNDY® "U" dies for use on conductor ranges of #14 - 750 kcmil AL/CU and #4 - 556.5 kcmil ACSR conductors.

The Y750CHSXT HYPRESS™ has a rubber-covered head and handles for tool impact protection.

Each Y750HSXT uses standard BURNDY® dies and off-the-shelf connectors available world-wide. Supplied with a durable high impact formed carrying case to hold the tool, and die compartment to hold "U" die sets. (Dies sold separately.) All BURNDY® Y750HSXT series tools are provided with a 5-year limited warranty.



BENEFITS

- Covers a wide range of applications with a lightweight, self-contained system and provides easy tool removal from continuous conductors with its C-shaped head.
- Easy tool positioning with its 355° head rotation.
- Patented rapid advance pump for faster crimps.
- Exposed positive die lock buttons for easy die change out and die retention.
- Handle trigger drain for convenient ram retraction.
- Quality assurance is provided with an audible "Pop-Off" pressure relief valve.
- Comfort grip handles help ease operator fatigue with continuous use.
- Long life expectancy from the company that provided the industry with the first self-contained hydraulic tool in 1934.
- Rubber covered head and handles on Y750CHSXT for tool impact protection.
- Supplied with high impact plastic carrying case.
- 5-year limited warranty.

SPECIFICATIONS

Force developed: 12 tons
Weight: 14.5 lbs. (6.6 kg)
Length: 23.96″ (608 mm)
Height: 2.86″ (78 mm)
Width: 8.71″ (222 mm)
Jaw opening: 1.65″ (42 mm)

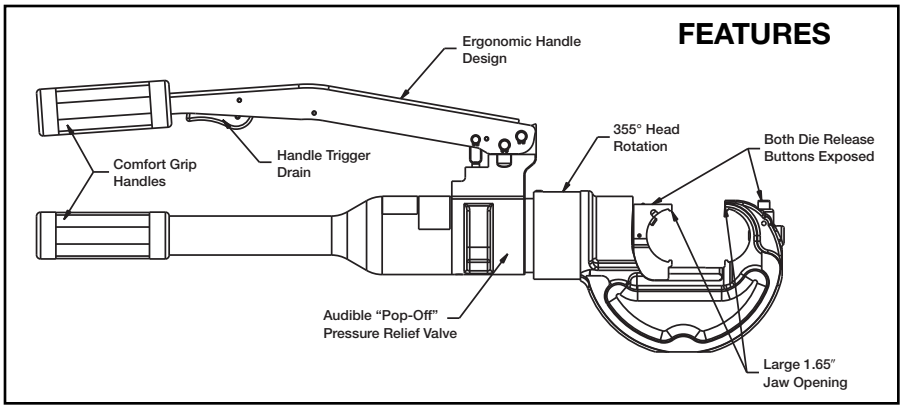
FOR USE ON

- Tension Sleeves
  - Copper #8 sol. - 500 kcmil
  - Aluminum #8 sol. - 556.5 kcmil
  - ACSR #4 - 556.5 kcmil
- Taps
  - Copper #14 sol. - 500 kcmil
  - Aluminum #8 - 500 kcmil
- Aerial Cable
  - Copper #6 - 500 kcmil
- Terminals & Splices
  - Aluminum #8 - 750 kcmil
  - Copper #8 - 750 kcmil
  - ACSR #4 - 556 kcmil
- HYGROUND® (Compression Grounding)
  - Copper #8 - 500 kcmil (cable/ground rod)
  - Ground Rods 1/2″ - 1″ Diameter

ACCESSORIES:

Cat. No.	Description
Y750HSCASE	Plastic Carrying Case for Y750HSXT or Y750CHSXT.
PT29279-2	Force test gauge for accurate visual reading of output force.
PT29291	Die Case Steel case for storage and protection of "U" dies.
WIREMIKE	Provides quick and easy identification of commonly used conductors.

FEATURES



Blue highlighted items are industry standard and most frequently ordered.

Y644HSXT DIELESS HYPRESS™

THE "1" CRIMP RANGE TAKING TOOL

Hydraulic Hand Operated Tool—11 Ton Crimp Force

#6 - 1000 kcmil Copper HYLUG™ Terminals and HYLINK™ Splices

#6 - 750 kcmil Aluminum HYLUG™ Terminals and HYLINK™ Splices

The Y644HSXT dieless HYPRESS™ is a hand operated 11 ton hydraulic crimping tool. Only 1 crimp is required for each wire termination for both long and standard length barrels on HYLUG™ terminals and HYLINK™ splices.

The Y644HSXT has a latch style head which provides easy tool removal from continuous conductor runs. The head rotates 355° relative to the handles and is mated to a patented rapid advance pump. The Y644HSXT weighs only 15 pounds and delivers 11 tons of crimping force. The result is easy terminating and splicing using BURNDY® HYLUG™ and HYLINK™ terminals and splices.

Y644HSXT Dieless HYPRESS™ Range Taking Capabilities. The following size HYDENT™ lugs and two way splices, when crimped with the Y644HSXT Dieless HYPRESS™ Tool, produce the following UL Listed range taking capabilities.

Aluminum Connectors		Copper Connectors	
Standard Wire Size	Expanded Wire Range	Standard Wire Size	Expanded Wire Range
#6 AWG	#6 AWG	#6 AWG	#6 AWG
#5 AWG	#5-#6 AWG	#5 AWG	#5-#6 AWG
#4 AWG	#4-#6 AWG	#4 AWG	#4-#6 AWG
#3 AWG	#3-#6 AWG	#3 AWG	#3-#6 AWG
#2 AWG	#2-#6 AWG	#2 AWG	#2-#6 AWG
#1 AWG	#1-#2 AWG	#1 AWG	#1-#6 AWG
1/0 AWG	1/0-#1 AWG	1/0 AWG	1/0-#6 AWG
2/0 AWG	2/0-#1 AWG	2/0 AWG	2/0-#4 AWG
3/0 AWG	3/0-#1 AWG	3.0 AWG	3/0-#2 AWG
4/0 AWG	4/0-#1 AWG	4/0 AWG	4/0-#1 AWG
250 kcmil	250-1/0 AWG	250 kcmil	250-1/0
300 kcmil	300-2/0 AWG	300 kcmil	300-2/0
350 kcmil	350-3/0 AWG	350 kcmil	350-3/0
400 kcmil	400-4/0 AWG	400 kcmil	400-4/0
500 kcmil	500-4/0 AWG	500 kcmil	500-4/0
600 kcmil	600-250 kcmil	600 kcmil	600-250
750 kcmil	750-500 kcmil	750 kcmil	750-500
		800 kcmil	800-500
		1000 kcmil	1000-750



BENEFITS

- Dieless system, eliminates the need to purchase and maintain dies.
- Patented rapid advance pump for faster crimps.
- Pressure relief "Pop-Off" valve provides audible indication that crimp is complete.
- Handle trigger drain for convenient ram retraction.
- 355° head rotation for versatile tool head positioning in tight areas.
- Easy inspection and positive identification is provided with the BURNDY® " ⛁ ".
- Comfort grip handles help ease fatigue with continuous use.
- Supplied with high impact plastic carrying case.
- 5-year limited warranty.

SPECIFICATIONS

Output Force: 11 tons (22,000 lbs.)
Weight: 15 lbs. (5.6 kg)
Length: 23.20″ (589 mm)
Height: 3.00″ (76 mm)
Width: 7.04″ (179 mm)

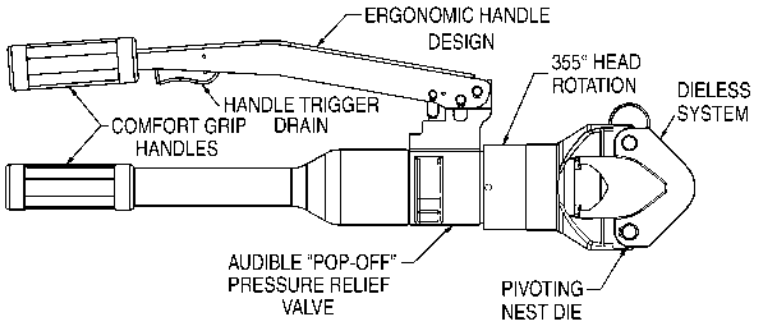
FOR USE ON

AWG/kcmil Size Range	Connector Type
Copper	Terminals
#6 - 1000 kcmil	YA-L, YA-2LN, YA, YA-FXB YA-2N, YA-L-2TC, YA-L-FX YAB-4N, YA-L-TC, YA-2L, YA-4N, YEV-P-FX, YE-P, YE-P-FX
	Splices
	YS-L, YS, YS-T
Aluminum	Terminals
#6 - 750 kcmil	YA-A, YA-A-TN
	Splices
	YS-A
Aluminum	HYPLUG™
#6 - 750 kcmil	AYP, AYPO

ACCESSORIES

Cat. No.	Description
WIREMIKE	Provides quick and easy identification of commonly used conductors.
Y644HSCASE	Plastic carrying case.

FEATURES



Blue highlighted items are industry standard and most frequently ordered.

4-POINT® Y81KFT

DIELESS HYPRESS™

Hydraulic Hand Operated Crimping Tool

#8 – 1000 kcmil Copper HYLUG™ Terminals and HYLINK™ Splices

#8 – 750 kcmil Aluminum HYLUG™ Terminals and HYLINK™ Splices

The Y81KFT 4-POINT® dieless HYPRESS™ is a hand operated 6 ton hydraulic crimping tool for use on a wide variety of terminal and splice compression applications. The Y81KFT incorporates a dieless latch style head that provides easy tool removal from continuous conductor runs and eliminates the need to purchase and maintain dies. The head rotates 360° relative to the handles and is mated to a patented rapid advance pump. The Y81KFT weighs only 12 pounds and delivers 6 tons of crimping force. The result is easy termination and splicing using BURNDY® HYLUG™ and HYLINK™ terminals and splices.

The Y81KFT is supplied with a molded high impact plastic case and comes complete with a 5-year limited warranty.

Y81KFT dieless HYPRESS™ Range Taking Capabilities: The Y81KFT provides range taking capabilities that is UL Listed and CSA Certified for Copper (Code, Compact and Flex) and Aluminum (Code and Compact) conductors when used in conjunction with BURNDY® HYLUG™ terminals and HYLINK™ splices. *See chart for connector, conductor and range taking combinations on pages C-7 and C-8.*



SPECIFICATIONS

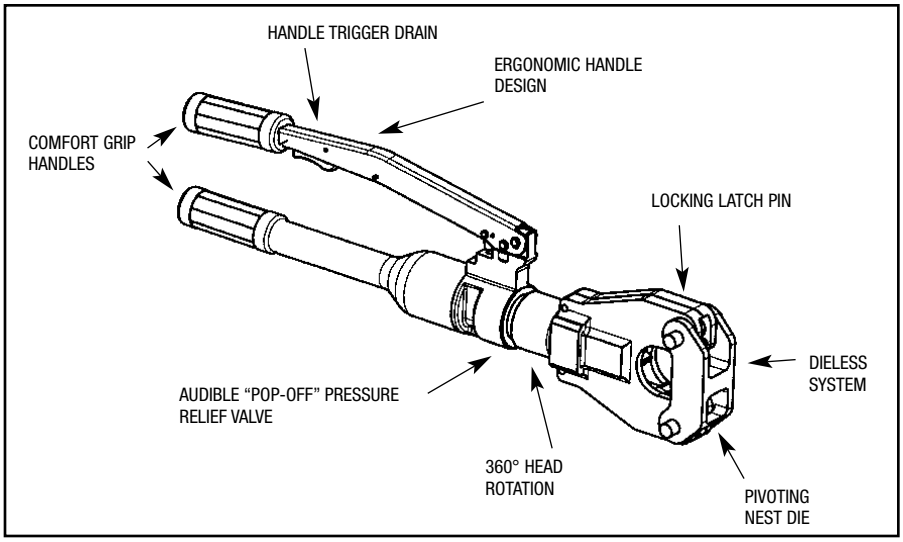
Output Force: 6 tons (12,000 lbs) (5450 kg)
Weight: 12 lbs. (5.45 kg)
Length: 25.6 in. (650 mm)
Height: 7.7 in. (196 mm)
Width: 2.5 in. (64 mm)

FOR USE ON

- Copper, Aluminum, Compressed, Compact, Stranded, Solid and Flex Conductors.
- Installs Splices, Taps and Terminations:
  - #8 - 1000 kcmil Copper (YA, YA-L, YS, YS-L, YS-T, Y-R)
  - #8 - 777.7 (750 Nominal Flex Wire Size) kcmil Flex (YA-FX, YAV, YA-L-FX, YS, YSV-FXB)
  - #8 - 750 kcmil Aluminum (YA-A, YS-A)
  - #8 - 750 kcmil Aluminium Pin Adapters (AYP, AYPO)

Features and Benefits

- Dieless installation system.
  - ◊ Eliminates the need to purchase and maintain dies.
- UL Listed and CSA Certified with Range Taking Capabilities
  - ◊ Provides the installer with a UL Listed and CSA Certified crimps with Range Taking Capabilities when used in conjunction with BURNDY® HYLUG™ Terminals and HYLINK™ Splices
- Flip top head design.
  - ◊ For easy loading and removal of installed terminals and splices, saving time.
- Audible pressure “pop-off” valve and die embossment providing 360° inspectability.
  - ◊ Assures proper crimps with both audible and visual indicators for the installer.
- Handle Trigger release.
  - ◊ Convenient ram release located in the handle.
- Advanced high speed pump design.
  - ◊ Provides fast crimps, longer life, efficiency, and reliability.
- 360 Degree head rotation.
  - ◊ Versatile tool head positioning lets the user get into tight areas easier.
- Durable high impact formed carrying case.
  - ◊ Provides tool protection and stores all accessories.
- 5-year limited warranty.
  - ◊ Customer satisfaction and support.



Blue highlighted items are industry standard and most frequently ordered.

4-POINT® Y4PC834

DIELESS HYPRESS™

Hydraulic Hand Operated Crimping Tool

The 4-POINT® C-shaped head dieless HYPRESS™ is a hand operated 6 ton hydraulic crimping tool for use on a wide variety of tap, terminate, and splice compression applications. The dieless capability of this tool eliminates the need to purchase or maintain additional dies. The Y4PC834 incorporates a C-shaped head design making it ideal for crimping in tight areas and is easily removed from continuous conductor runs. The head rotates 360° and is mated to a patented rapid advance pump. The Y4PC834 weighs only 12 pounds and delivers 6 tons of crimping force. The result allows for easy tap, termination and splicing of compression connectors.

The Y4PC834 is supplied with a molded high impact carry case and comes with a 5-year limited warranty.

The Y4PC834 provides range taking capabilities that are UL Listed and CSA Certified for Copper (Code, Compact and Flex) and Aluminum (Code and Compact) conductors when used in conjunction with BURNDY® HYLUG™ terminals and HYLINK™ splices as listed on pages C-7 and C-8 in the Master Catalog.



Features and Benefits

- Dieless installation system
  - ◊ Eliminates the need to purchase and maintain dies.
- UL Listed and CSA Certified with range taking capabilities
  - ◊ Provides the installer with UL Listed and CSA Certified crimps when used in conjunction with BURNDY® HYLUG™ and HYLINK™ compression connectors.
- C-shaped head design
  - ◊ For easily removing tool from continuous run conductors – simply slide the opening of the head off the conductor. Also ideal for use in tight or constraint spaces.
- Audible pressure “pop-off” valve and die embossment providing 360° inspectability.
  - ◊ Assures proper cimps with both audible and visual indicators for the installer.
- Handle Trigger release
  - ◊ Convenient ram release located in the handle.
- Advanced high speed pump design
  - ◊ Provides fast crimps, longer life, efficiency, and reliability.
- 360° head rotation
  - ◊ Versatile tool head positioning lets the user get into tight areas easier.
- Durable high impact formed carrying case
  - ◊ Provides tool protection and stores all accessories.
- 5-year limited warranty
  - ◊ Customer satisfaction and support.

SPECIFICATIONS

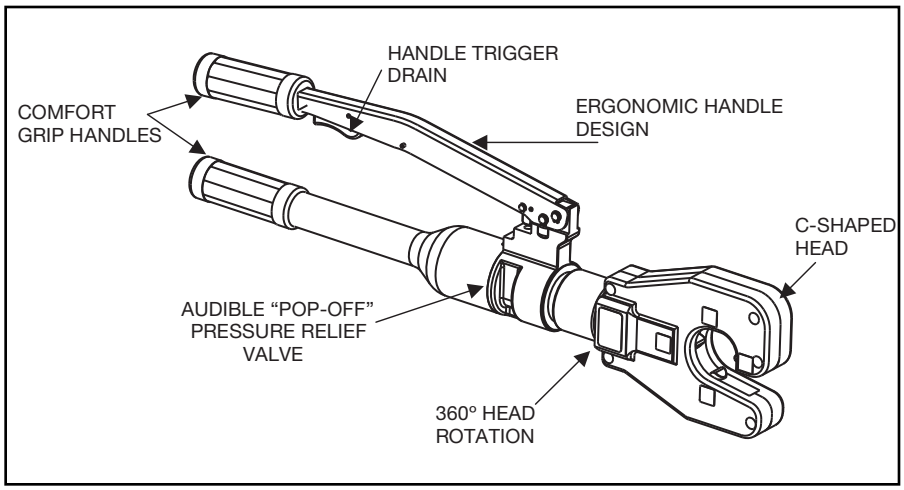
Output Force: 6 Tons (5.4 Metric Tons)
Weight: 11.85 lbs (5.38 kg)
Length: 25.6 in (651 mm)
Height: 7.7 in (196 mm)
Width: 2.5 in (64mm)

FOR USE ON

Copper, Aluminum, Compressed, Compact, Stranded, Solid and Flex Conductors

Installs Splices, Taps and Terminations

#8 – 1000 kcmil Copper (YA, YA-L)
#8 – 500 kcmil Copper (YS, YS-T, YS-L, Y-R)
#8 – 777 (750 Nominal Flex Wire Size) kcmil Flex ((YA-FX, YAV, YA-L-FX)
#8 – 535 (500 kcmil nominal flex wire size) kcmil flex (YS, YS-LB, YSV-FXB)
#8 – 750 kcmil Aluminum (YA-A)
#8 – 350 kcmil Aluminum (YS-A)
#8 – 750 kcmil Aluminum Pin Adaptors (AYP, AYPO)



Blue highlighted items are industry standard and most frequently ordered.

PATRIOT® HIGH PERFORMANCE PAT750XT-18V

Battery Actuated Tool

Hydraulic Self-Contained
12 Ton Crimping Tool

The BURNDY® PATRIOT® High Performance PAT750XT-18V tool is 25% faster than previous models. In addition to faster crimp cycles, the High Performance PAT750XT-18V has newly designed electronics that are field proven for ultimate reliability and proven to handle the harshest work environments.

The High Performance PAT750XT-18V incorporates the latest engineering technology with a refined hydraulic system for ultra performance, speed and reliability. All PATRIOT® tools feature the BURNDY INFINITY DRIVE® transmission which has a lifetime warranty.

The High Performance PAT750XT-18V features BURNDY's Y750 tool head, capable of using all "U" style dies, and incorporates a bearing and alignment guide for use on HYGROUND® and other asymmetrical connectors. Features reliable head rotation design for operation in virtually any position. All PATRIOT® battery actuated hydraulic tools provide a consistent, reliable connection every time.

Each PATRIOT® tool uses standard BURNDY® dies and off-the-shelf connectors available world-wide. Supplied with a durable high impact formed carrying case to hold the tool, battery charger, two batteries, tool retention lanyard, and die compartment to hold "U" die sets. (Dies sold separately.) All BURNDY® PATRIOT® 18V series tools are provided with a 5-year limited warranty.



Features and Benefits

- Refined hydraulic system for ultra performance, speed and reliability.
- Field proven electronics for ultimate reliability in the harshest environments.
- True, one-handed operation for advance, retract, and hold.
- 12 tons of output force for use on virtually all compression applications.
- State of the art crimping head design, 360° head rotation lets user get into tight areas easier.
- Allows use of standard BURNDY® dies already in use.
- Ergonomically balanced tool design eases operation and helps lessen fatigue.
- Durable high impact formed carrying case provides superior protection and stores all accessories.
- PAT750CXT-18V — with rubber covered head is available.
- 18 volt Ni-MH battery eliminates voltage depression (memory issues).
- 5-year limited warranty on tool.
- Lifetime warranty on INFINITY DRIVE®.
- 1-year warranty on batteries and charger.

SPECIFICATIONS

Output force:	12 tons (10.9 metric tons)
Tool Weight:	16.5 lbs (7.5 kg) With Battery
Length:	15.75″ (40 cm)
Width:	3.5″ (8.89 cm)
Height:	13.5″ (34.29 cm)
Operating Voltage:	18 V-DC
Recharge Time:	< 45 minutes

FOR USE ON

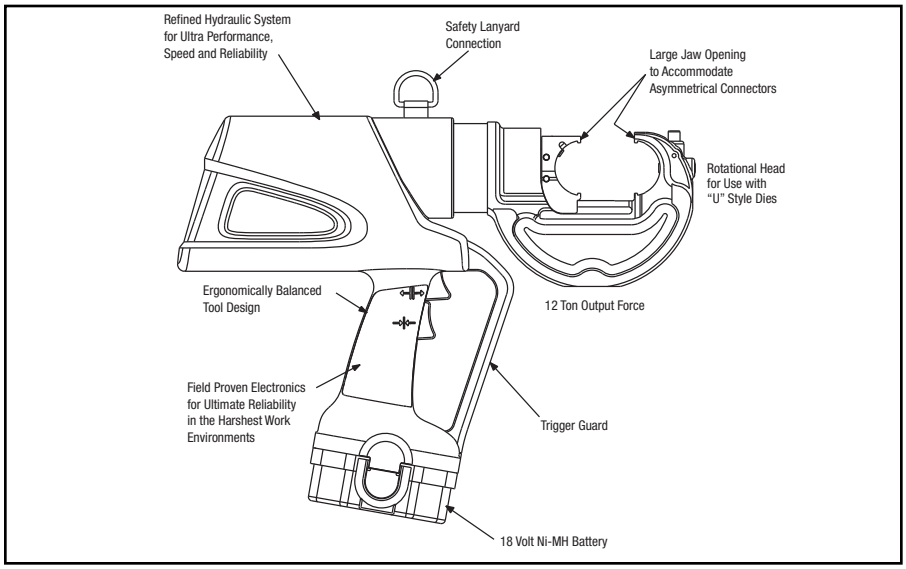
- Tension Sleeves
  - Copper #8 sol. - 500 kcmil
  - Aluminum #8 sol. - 587.2 kcmil
  - ACSR #4 - 556.5 kcmil
- Taps
  - Copper #14 sol. - 500 kcmil
  - Aluminum #8 - 500 kcmil
- Aerial Cable
  - Copper #6 - 500 kcmil
- Terminals & Splices
  - Aluminum #8 - 750 kcmil
  - Copper #8 - 750 kcmil
  - ACSR #4 - 556 kcmil
- HYGROUND®
  - Copper #8 - 500 kcmil (cable/ground rod)
  - Ground Rods 1/2″ - 1″ Diameter

ACCESSORIES

Battery: Cat# **BAT18V**
Hi-capacity (2.6 AH)

Chargers:
120V-AC Cat# **PATCHGR18V**
12/24V-DC Cat# **BCT/PATDCCHGR**
240/250V-AC Cat# **PATCHGR250V**

Lanyard: Cat# **PT208620**



Blue highlighted items are industry standard and most frequently ordered.

PATRIOT®
PAT750K-18V

BATTERY ACTUATED TOOL

Hydraulic Self-Contained—
12 Ton

The BURNDY® PATRIOT® tools can be operated with only one hand, making them the most ergonomic, one-handed battery powered crimping and cutting tools available in the world today.

The PAT750K-18V incorporates the latest engineering technology with the patented high speed hydraulic pump. Our battery actuated hydraulic tool provides a consistent, reliable connection every time. The PAT750K-18V is capable of using KEARNEY™ WH1 and WH2 and BURNDY "U" style dies with the KUADP adapter. The PAT750K-18V head rotates 355° for operation in virtually any position.

Each PATRIOT® tool uses standard BURNDY® dies and off-the-shelf connectors available world-wide. The PAT750K-18V is supplied with a durable high impact formed carrying case to hold the tool, battery charger, two batteries, tool retention lanyard, and die compartment to hold "U" die sets. (Dies sold separately.) All BURNDY® PATRIOT® 18V series tools are provided with a 5-year limited warranty.



Features and Benefits

- True, one-handed operation for advance, retract, and hold.
- 12 ton output force.
- State of the art crimping head design with 355° rotation.
- Positive lock die buttons to secure dies or die adapter.
- Allows use of standard BURNDY® "U" dies with KUADP adapter, and KEARNEY™ WH1 and WH2 dies.
- Smoother, quieter, more efficient tool operation.
- PAT750CK-18V with rubber covered head is available.
- Ergonomically balanced tool design to help lessen operator fatigue.
- Durable high impact formed carrying case.
- 18 volt Ni-MH battery eliminates voltage depression (memory issues).
- 5-year limited warranty on tool.
- Lifetime warranty on INFINITY DRIVE®.
- 1-year warranty on battery and charger.

SPECIFICATIONS

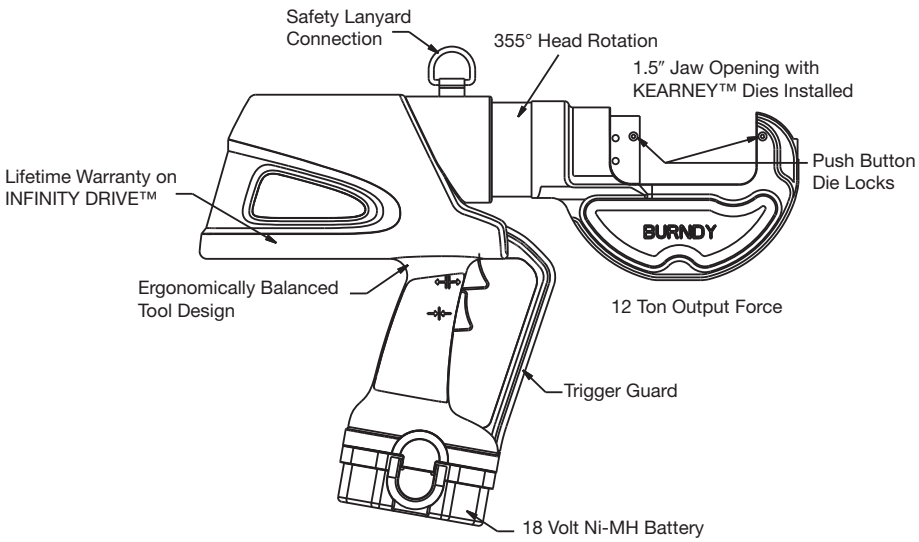
Output Force: 12 tons (10.9 metric tons)
Tool Weight: 18.4 lbs. (8.3 kg) with battery
Length: 17.5″ (44.45 cm)
Width: 3.5″ (8.89 cm)
Height: 13.5″ (34.29 cm)
Operating Voltage: 18 V-DC
Recharge Time: < 45 minutes

FOR USE ON

- Tension Sleeves up to 477 ACSR
- Taps through 500 kcmil
- Terminals up to 1033 kcmil

ACCESSORIES

"U" Die Adapter:	**KUADP**
Battery:	**BAT18V** Hi-capacity (2.6 AH)
Charger:	
120V-AC	**PATCHGR18V**
12/24V-DC	**BCT/PATDCCHGR**
240/250V-AC	**PATCHGR250V**
Lanyard:	**PT208620**



Blue highlighted items are industry standard and most frequently ordered.

PATRIOT® PAT644XT-18V

BATTERY ACTUATED TOOL

Hydraulic Self-Contained—
11 Ton

The BURNDY® PATRIOT® series of battery actuated tools can be operated with only one hand, which allows the other hand to be free to position the connector and conductor prior to crimping.

The BURNDY® PATRIOT® PAT644XT-18V incorporates the latest engineering technology with patent pending pump, transmission and piston component designs. Our self-contained hydraulic tool provides a consistent, reliable connection every time. The PAT644XT-18V features BURNDY's Y644 dieless latch head tool which eliminates the need to purchase and maintain dies. Features reliable head rotation design for operation in virtually any position.

Each PATRIOT® uses standard BURNDY® off-the-shelf connectors available worldwide. Supplied with a durable high impact formed carrying case to hold the tool, battery charger, two batteries, and tool retention lanyard. All BURNDY® PATRIOT® 18V series tools are provided with a 5-year limited warranty.

PAT644XT-18V Range Taking Capabilities: Please refer to the individual connector pages for detailed information on the PAT644XT-18V range taking capabilities.



FEATURES

- Dieless system.
- True, one-handed operation for advance, retract, and hold.
- 11-ton output force.
- State of the art crimping head design, 360° head rotation.
- Audible "pop-off" indicates properly completed crimps.
- Ergonomically balanced tool design.
- Durable High Impact Formed carrying case.
- Ni-MH battery eliminates voltage depression (memory issues).
- 5-year limited warranty on tool. 1-year warranty on batteries and charger.

SPECIFICATIONS

Crimp Force:	11 Tons (10.9 metric tons)
Tool Weight:	17 lbs (7.7 kg)
Length:	14.9″ (37.8 cm)
Width:	3.7″ (9.4 cm)
Height:	14″ (35.6 cm)
Operating Voltage:	18 V-DC
Recharge Time:	< 45 mins.

BENEFITS

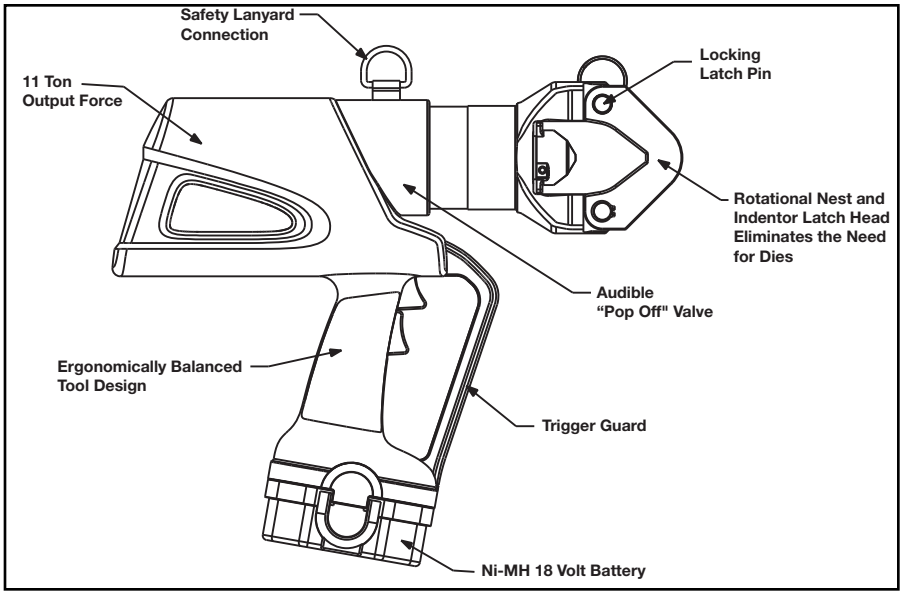
- Eliminates the need to purchase and maintain dies.
- Easier tool operation.
- Versatile tool head positioning lets user get into tight areas easier.
- Less "down-time" due to high capacity, high voltage 18 volt battery.
- Assures proper crimps with both audible and visual indicators, leaving no doubt for the tool user.
- Ergonomically balanced tool eases operation and helps lessen fatigue.
- Smoother, quieter, more efficient tool operation.
- Durable high impact formed case provides superior protection and stores all accessories.

FOR USE ON

AWG/kcmil Wire Size Range	Connector Types
Copper #6 - 1000 kcmil	Terminals YA-L, YA-2LN, YA, YA-2N, YA-L-2TC, YAB-4N, YA-L-TC, YA-2L, YA-4N Splices YS-L, YS, YS-T
Aluminum #6 - 750 kcmil	Terminals YA-A, YA-A-TN Splices YS-A
Aluminum #6 - 750 kcmil	HYPLUG™ AYP, AYPO

ACCESSORIES

- **Battery:** Cat# **BAT18V**
  Hi-capacity Ni-MH (2600 mA-hr)
- **Charger:**
  120V-AC Cat# **PATCHGR18V**
  12/24V-DC Cat# **BCT/PATDCCHGR**
  240/250V-AC Cat# **PATCHGR250V**
- **Lanyard:** Cat# **PT208620**



Blue highlighted items are industry standard and most frequently ordered.

PATRIOT® PAT46-18V

BATTERY ACTUATED TOOL

Hydraulic Self-Contained
15-Ton Crimping Tool

The BURNDY® PATRIOT® PAT46-18V incorporates the latest engineering technology with a patented high speed hydraulic pump. Our battery actuated hydraulic tool provides a consistent, reliable connection every time. The PAT46-18V features BURNDY's Y46 tool head, capable of using all "P" and "U" style dies.

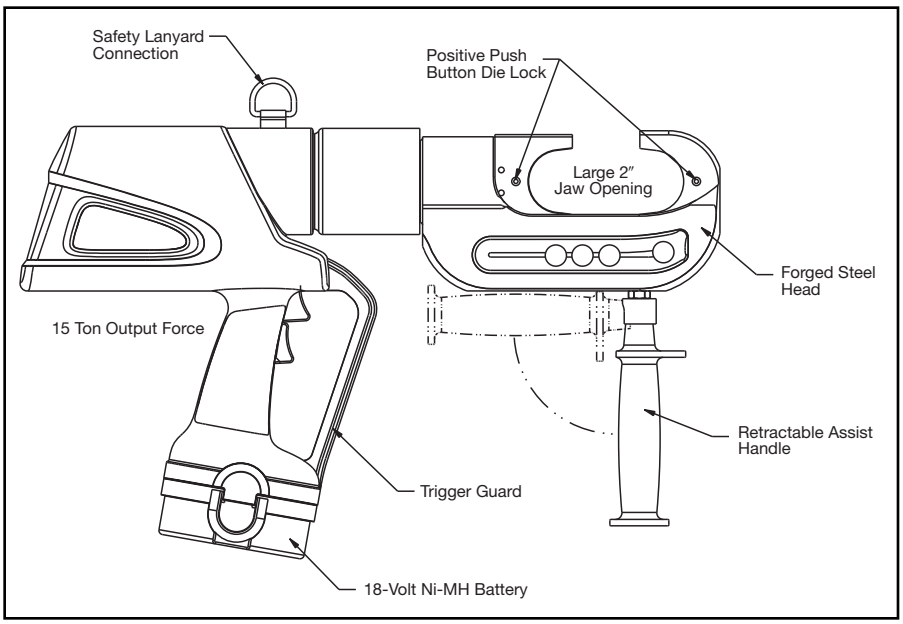
Each PATRIOT® uses standard BURNDY® dies and off-the-shelf connectors available worldwide. Supplied with a durable high impact formed carrying case to hold the tool, battery charger, two batteries, tool retention lanyard, and die compartments to hold both "P" and "U" die sets (dies sold separately). All BURNDY® PATRIOT® PAT46 tools are provided with a 5-year limited warranty.

PAT46C-18V — with rubber covered head is available.



Features and Benefits

- BURNDY's largest battery actuated crimp tool, providing 15-tons of output force with a 2″ jaw opening.
  - ♢ Allows users to install the largest variety of splices, taps and terminals with one tool. Also provides easy placement and removal from continuous conductor lengths.
- State of the art C-Head crimp design with 355° head rotation.
  - ♢ Versatile tool head positioning lets user get into tight areas easier.
- Retractable assist handle under head of tool for better handling of tool.
  - ♢ Allows for better balance of tool and retractable for getting head into tight areas.
- Durable high impact formed carrying case.
  - ♢ Provides superior protection and stores all accessories.
- 18-volt Ni-MH battery eliminates voltage depression (memory issues).
  - ♢ Less "down-time" due to high capacity, high voltage 18-volt battery
- 5-year limited warranty on tool. 1-year warranty on battery and charger.



SPECIFICATIONS

Output Force:	15 tons (13.6 metric tons)
Weight:	26.2 lbs. (11.88 kg)
Length:	20.77″ (52.76 cm)
Height:	14.43″ (36.65 cm)
Width:	3.70″ (9.40 cm)
Operating Voltage:	18V-DC
Battery Recharge Time:	<45 minutes

FOR USE ON

Connector Type	Conductor Range
Copper, #8 AWG str. - 1500 kcmil Code Cable, Navy Cable, Flexible and Extra Flexible 1/2″ - 1″ Ground Rods	Terminals, grounding: to 500 kcmil YGA, YGHA, YGF Terminals, uninsulated: #8 to 1500 kcmil: YA, YA-2N, YA-L, YA-LB, YA-TC, YA-2LN, YAB-4N YAV-L Box, YAV-L, YAV-RS Box, YAV-RS, YA-TC-FX Terminals, insulated: #8 to 2/0 YAEV-L Box, YAEV-L, YAEV-H, YAEV-RS, YAEV-RH Splices: #8 to 1500 kcmil YS, YS-T, YS-L, YS-LB, YST, YSP-T, YGS, YGHS Taps: YH, YCHC #14 to 1000 kcmil, YC-C to 4/0 AWG Taps, grounding: to 500 kcmil YGHC-C, YGHP-C, YGHR-C
Aluminum #8 AWG - 1250 kcmil Code Cables	Terminals: YA-A, AYP, AYPO Splices: YS-A, YS-AT, YRB Taps: YFD, YFN, YFO, YFR
ACSR	See BURNDY® Overhead Transmission and Distribution Catalog Module

ACCESSORIES

- **Cutter Die:** Cat# **P15K**
  Die max. 1.2″ dia.
- **"U" Die Adapter:** Cat# **PUADP-1**
- **Battery:** Cat# **BAT18V**
  High Capacity Ni-MH (2.6 AH)
- **Chargers:**
  120V-AC Cat# **PATCHGR18V**
  12/24V-DC Cat# **BCT/PATDCCHGR**
  240/250V-AC Cat# **PATCHGR250V**

Blue highlighted items are industry standard and most frequently ordered.

4-POINT® PATRIOT® PAT81KFT-18V

BATTERY ACTUATED TOOL

Hydraulic Self-Contained Crimping Tool

#8-1000 kcmil Copper HYLUG™ Terminals and HYLINK™ Splices

#8-750 kcmil Aluminum HYLUG™ Terminals and HYLINK™ Splices

The BURNDY® PAT81KFT-18V is a battery powered crimping tool that provides a powerful 6 tons of crimping force. It is compact, fast, easy to use and incorporates the latest in battery tool technology. The ergonomic design allows for one hand operation so that the other is free to position the connectors and conductor prior to crimping. The PAT81KFT-18V features a dieless latch head design which eliminates the need to purchase and maintain dies. Featuring 360° head rotation, the PAT81KFT-18V is designed for easy operation in virtually any position.

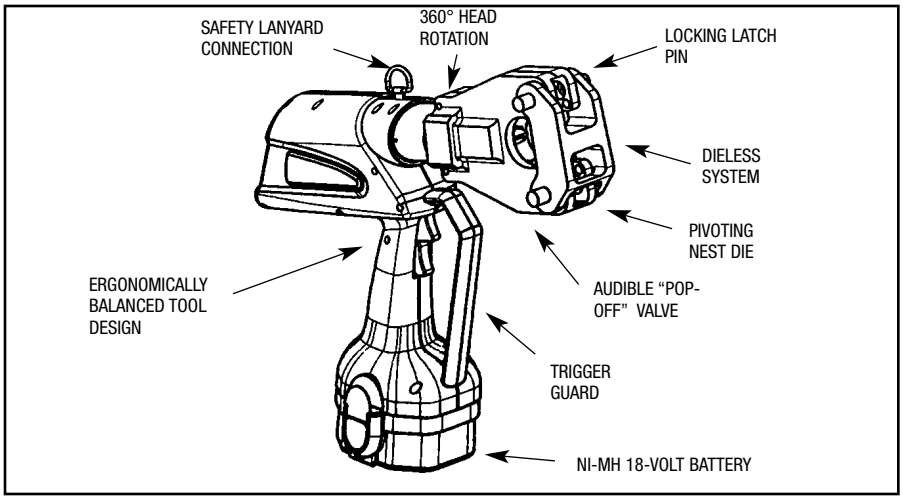
The PAT81KFT-18V is supplied with a high impact carrying case, battery charger, lanyard and two batteries. The PAT81KFT-18V comes complete with a 5-year limited warranty on the tool and 1 year limited warranty on the batteries.

PAT81KFT-18V Dieless HYPRESS™ Range Taking Capabilities: The PAT81KFT-18V provides range taking capabilities that is UL and CSA listed for Copper (Code, Compact and Flex) and Aluminum (Code and Compact) conductors when used in conjunction with BURNDY® HYLUG™ terminals and HYLINK™ splices. *See chart for connector, conductor and range taking combinations.*



Features and Benefits

- Dieless installation system.
  - ◊ Eliminates the need to purchase and maintain dies.
- UL Listed and CSA Certified with Range Taking Capabilities
  - ◊ Provides the installer with UL Listed and CSA Certified crimps with Range Taking Capabilities when used in conjunction with BURNDY® HYLUG™ Terminals and HYLINK™ Splices
- Audible pressure “pop-off” valve and die embossment providing 360° inspectability.
  - ◊ Assures proper crimps with both audible and visual indicators for the installer.
- Battery powered crimp technology.
  - ◊ Easy Tool Operation and portability.
- Advanced high speed pump design.
  - ◊ Provides faster crimps, longer life, efficiency, and reliability.
- Ergonomic design allows one hand operation for ram advance and ram retraction.
  - ◊ User always has one hand free to manipulate connector and conductor.
- 360 Degree head rotation.
  - ◊ Versatile tool head positioning lets the user get into tight areas easier.



SPECIFICATIONS

Output Force:	6 tons (5.4 Metric Tons)
Weight:	14 lbs. (6.35 kg)
Length:	17.6 (447 mm)
Height:	13.9 in (354 mm)
Width:	3.7 in (94 mm)
Operating Voltage:	18V-DC
Battery Recharge Time:	<45 Mins

FOR USE ON

- Copper, Aluminum, Compressed, Compact, Stranded, Solid and Flex Conductors.
- Installs Splices, Taps and Terminations:

  #8 - 1000 kcmil Copper (YA, YA-L, YS, YS-L, YS-T, Y-R)

  #8 - 777.7 (750 Nominal Flex Wire Size) kcmil Flex (YA-FX, YAV, YA-L-FX, YS, YSV-FXB)

  #8 - 750 kcmil Aluminum (YA-A, YS-A)

  #8 - 750 kcmil Aluminium Pin Adapters (AYP, AYPO)

ACCESSORIES

- **Battery:** Cat# **BAT18V**
  Hi Capacity Ni-MH (2.6 AH)
- **Charger:**
  120V-AC Cat# **PATCHGR18V**
  12/240V-DC Cat# **BCT/PATDCCHGR**
- **Lanyard** Cat# **PT208620**

Features and Benefits (Continued)

- Ram holds position when trigger is released.
  - ◊ Provides the ability to hold the connector between the indentors and check for alignment prior to crimping action.
- Mechanical ram release.
  - ◊ Reliable ram release (no battery consumption).
- Uses 18 volt Ni-MH batteries.
  - ◊ Eliminates voltage depression or ”memory”.
- Audible pressure “pop-off” value.
  - ◊ Indicates properly completed crimps.
- Durable high impact formed carrying case.
  - ◊ Provides tool protection and stores all accessories.
- 5-year limited warranty on tool, 1-year on batteries and charger.
  - ◊ Customer satisfaction and support.

Blue highlighted items are industry standard and most frequently ordered.

4-POINT® PATRIOT® PAT4PC834-18V

BATTERY ACTUATED TOOL

Hydraulic Self-Contained—6 Ton

The BURNDY® PATRIOT® 4-POINT® C-shaped head dieless HYPRESS™ is a battery actuated 6 ton hydraulic crimping tool for use on a wide variety of tap, terminate, and splice compression applications. The dieless capability of this tool eliminates the need to purchase or maintain additional dies. It is compact, fast, easy to use and incorporates the latest in battery tool technology. The ergonomic design allows for one hand operation so that the other is free to position the connector and conductor prior to crimping. The PAT4PC834-18V incorporates a C-shaped head design making it ideal for crimping in tight areas and can be easily removed from continuous conductor runs. The head rotates 360° and is mated to a patented rapid advance pump. The PAT4PC834-18V weighs only 13.8 pounds and delivers 6 tons of crimping force. The result allows for easy tap, termination and splicing of compression connectors.

The PAT4PC834-18V is supplied with a molded high impact carry case, battery charger, lanyard, and two batteries. The PAT4PC834-18V comes with a 5-year limited warranty.

The PAT4PC834-18V provides range taking capabilities that are UL and CSA Listed for Copper (Code, Compact and Flex) and Aluminum (Code and Compact) conductors when used in conjunction with BURNDY® HYLUG™ terminals and HYLINK™ splices as listed on page C-7 in the Master Catalog.



Features and Benefits

- Dieless installation system
  - ◊ Eliminates the need to purchase and maintain dies.
- UL Listed and CSA Certified with range taking capabilities
  - ◊ Provides the installer with a UL Listed and CSA Certified crimp when used in conjunction with BURNDY® HYLUG™ and HYLINK™ compression connectors.
- C-shaped head Design
  - ◊ For easily removing tool from continuous run conductors – simply slide the opening of the head off the conductor. Also ideal for use in tight or constrained spaces.
- Audible pressure “pop-off” valve and die embossment providing 360° inspectability.
  - ◊ Assures proper cimps with both audible and visual indicators for the installer.
- Handle Trigger release
  - ◊ Convenient ram release located in the handle.

SPECIFICATIONS

Output Force:	6 Ton (5.4 Metric Tons)
Weight:	13.85 lbs (6.28 kg)
Length:	17.6 in (448 mm)
Height:	13.9 in (354 mm)
Width:	3.7 in (94 mm)

FOR USE ON

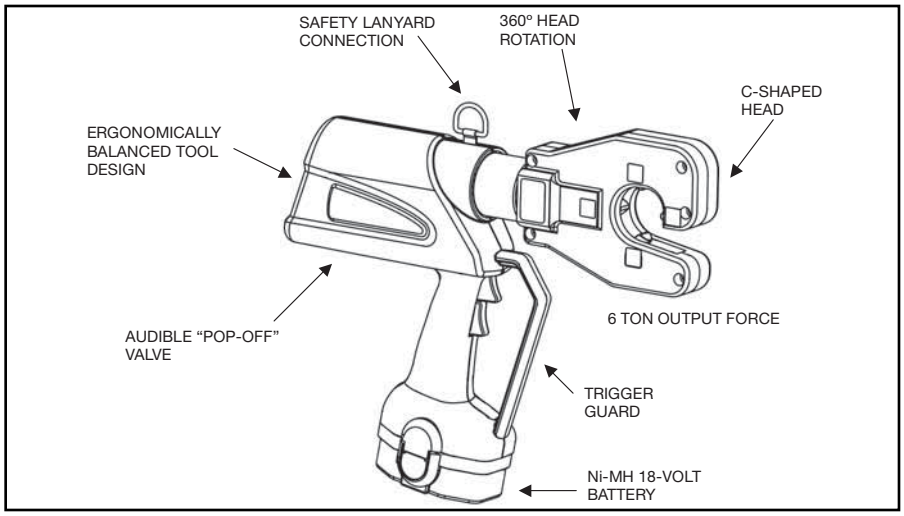
Copper, Aluminum, Compressed, Compact, Stranded, Solid and Flex Conductors

Installs Splices, Taps and Terminations

#8 - 1000 kcmil Copper (YA, YA-L)
#8 - 500 kcmil Copper (YS, YS-T, YS-L, Y-R)
#8 - 777 (750 Nominal Flex Wire Size) kcmil Flex (YA-FX, YAV, YA-L-FX)
#8 - 535 (500 kcmil nominal flex wire size) kcmil flex (YS, YS-LB, YSV-FXB)
#8 - 750 kcmil Aluminum (YA-A)
#8 - 350 kcmil Aluminum (YS-A)
#8 - 750 kcmil Aluminum Pin Adaptors (AYP, AYPO)

Features and Benefits (Continued)

- Advanced high speed pump design.
  - ◊ Provides fast crimps, longer life, efficiency, and reliability.
- 360° head rotation
  - ◊ Versatile tool head positioning lets the user get into tight areas easier.
- Durable high impact formed carrying case
  - ◊ Provides tool protection and stores all accessories.
- 5-year limited warranty
  - ◊ Customer satisfaction and support.



Blue highlighted items are industry standard and most frequently ordered.

PATRIOT® IN-LINE® PATMD6-14V SERIES

BATTERY ACTUATED TOOL

Hydraulic Self Contained—6 Ton

The BURNDY® IN-LINE® tools are battery actuated and can be operated with one hand allowing for advance, retract and hold functions for easier operation. One hand operation allows the operator one free hand to position the connector and conductor while crimping. The PATRIOT® PATMD6-14V series of tools incorporate a high speed hydraulic pump generating 6 tons of crimping force. This design provides a consistent, reliable connection every time.

The IN-LINE® tool features interchangeable MD6 series heads, capable of using "W" and "X" style dies in the permanent D_3 groove. The PATMD6-K-14V accepts KEARNEY™ type "O" dies and BURNDY® "W" and "X" style dies with KWADP adapter. When ordering choose the tool that best suits your crimping needs. The IN-LINE® tools feature 350° rotatable heads for operation in virtually any position.

Each PATRIOT® IN-LINE® tool uses standard BURNDY® dies and off-the-shelf connectors available world-wide. IN-LINE® tools are supplied with a durable high impact formed carrying case, battery charger, two batteries, and die compartment to hold dies. (Dies are sold separately.) All BURNDY® IN-LINE® tools are provided with a 3-year limited warranty.

KEARNEY™ is a registered trademark of COOPER TECHNOLOGIES COMPANY.

PATRIOT® IN-LINE® VARIATIONS

PATMD6-14V	Permanent "BG" (5/8″) and "D_3" grooves.
PATMD6-8-14V	Permanent "O" and "D_3" grooves.
PATMD6-6-14V	"Snub-Nose" version with permanent "D_3" groove.
PATMD6-K-14V	Accepts KEARNEY™ "O" type dies and BURNDY® "W" and "X" dies with KWADP adapter.



Features and Benefits

- True, one-handed operation for advance, retract, and hold.
- 6-ton output force for reliable compression connections.
- Pressure "pop-off" valve indicates completion of crimp.
- Interchangeable scissor action crimp jaws allow easier access to tight spaces.
- Ram holds position when trigger is released to allow the operator to check alignment prior to crimping.
- Allows the use of standard BURNDY® "W" and "X" dies already in use.
- Large hand grip area allows easier operation with gloves.
- Ergonomically balanced tool design helps lessen operator fatigue.
- Durable high impact formed carrying case.
- High capacity 2.6 AH batteries provide more crimps per charge.
- 14.4 volt Ni-MH battery eliminates voltage depression (memory issues).
- 3-year limited warranty on tool.
- 1-year warranty on batteries and charger.

SPECIFICATIONS

Output force:	6 tons (5.4 metric tons)
Tool Weight:	7.8 lbs (3.5 kg) With Battery
Length:	20.91″ (53.11cm)
Width:	3.69″ (9.37 cm)
Height:	5.48″ (13.91 cm)
Operating Voltage:	14.4 V-DC
Recharge Time:	< 45 minutes

FOR USE ON

- Copper, Aluminum, ACSR. Steel, Copperweld, Alumoweld, 6201, 5005, Compressed, and Compact conductors
- Copper Taps: #10 solid - 2/0 stranded
- Aluminum and ACSR Taps: #14 solid - 4/0 ACSR
- Stirrups: #6 - 4/0 ACSR
- Overhead Full Tension Deadends, Full Tension Splices and Terminals #10 str. - 4/0 ACSR
- Installs splices, taps or terminations:
  #8 - 500 kcmil Copper Str. (YA, YA-L, YS, YS-L)
  #8 - 350 kcmil flex
  #8 - 350 kcmil Aluminum (YA-A, & YS-A)

ACCESSORIES

Battery: Cat# **BAT14V**
(2.6 AH) Hi-capacity Ni-MH

Chargers:

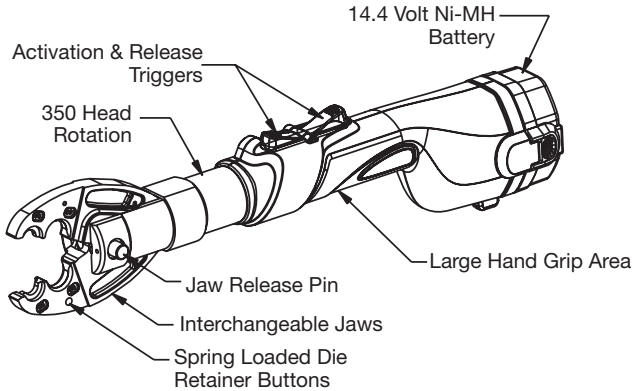
120V-AC	Cat# **PATCHGR18V**
12/24V-DC	Cat# **BCT/PATDCCHGR**
240/250V-AC	Cat# **PATCHGR250V**

Cutter Dies: Cat# **W28K**
For cutting #4-4/0 Copper, Aluminum & ACSR

Interchangeable Jaw Assemblies:

"BG" and "D_3" Grooves	**PATJAWSMD6**
"O" and "D_3" Grooves	**PATJAWSMD6-8**
"D_3" Only ("Snub-Nose")	**PATJAWSMD6-6**
KEARNEY Groove ("Snub-Nose")	**PATJAWSMD6K**

Jaw Covers: **PATMD6JC**, **PATMD66JC**, **PATMD6KJC**



Blue highlighted items are industry standard and most frequently ordered.

PATRIOT® PAT600-18V

BATTERY ACTUATED TOOL

Hydraulic Self-Contained—6 Ton

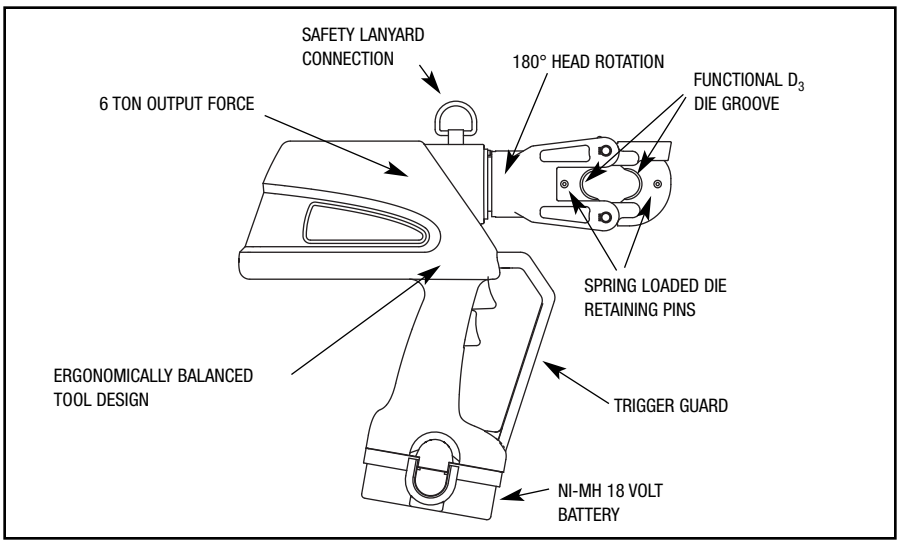
The BURNDY® PAT600-18V battery powered crimping tool provides a powerful 6 tons of crimping force and completes a crimp in approximately 3 seconds. The PAT600-18V is compact, easy to use and incorporates the latest in battery tool technology. The PAT600-18V tool incorporates a specialized latch style head with enhanced working stroke and clearance capabilities. The specialized head allows interference-free closure on tap connections up to the BURNDY® YHD-400 size including 350 kcmil aluminum connectors. Die selection with this tool includes all BURNDY® "W" and "W-VT" style dies which seat in the permanent "D_3" crimping groove. Installation applications include #8 AWG to 600 kcmil copper lugs and splices, #8 AWG to 350 kcmil aluminum lugs and splices (YA-A and YS-A), and up to 4/0 aluminum tap connections. The permanent "D_3" groove and 180 degree rotatable head are standard on the PAT600-18V.

Each PAT600-18V tool uses BURNDY® dies and off-the-shelf connectors available worldwide. The PAT600-18V comes equipped with a high impact formed carrying case to hold the tool, a battery charger and two batteries. The case houses up to 10 "W" dies (dies purchased separately). The PAT600-18V uses industry standard batteries and chargers. The PAT600-18V comes complete with a 5-year limited warranty and one year on batteries and charger.



Features and Benefits

- Battery powered crimp technology.
  - ◇ Easy tool operation and portability.
- Advance design high speed pump completes crimp in approximately 3 seconds.
  - ◇ Longer life, efficiency, and reliability.
- Ergonomic design allows one hand operation for ram advance and ram retraction.
  - ◇ User always has one hand free to manipulate connector and conductor.
- Variable speed trigger.
  - ◇ Provides flexibility in speed of ram advance.
- Ram holds position when trigger is released.
  - ◇ Provides ability to hold the connector between dies and check for proper alignment prior to crimping action.
- Mechanical ram release.
  - ◇ Reliable ram release (no battery power consumption).
- Specialized latch head design.
  - ◇ Provides enhanced clearance on tap connectors when compared with competitive designs.



SPECIFICATIONS

Crimp Force:	6 Tons (US) (5.4 metric tons)
Tool Weight:	10.9 lbs. (4.9 kg)
Length:	14.5″ (36.8 cm)
Width:	3.5″ (8.9 cm)
Height:	13.75″ (34.9 cm)
Operating Voltage:	18 V-DC
Crimp Time:	Approx. 3 seconds
Recharge Time:	< 45 mins.

FOR USE ON

- Copper, Aluminum, ACSR, Steel, Copperweld, Alumoweld, 6201, 5005, Compressed, Compact, Stranded & Solid
- Installs splices, taps, or terminations:
  - #8 - 600 kcmil Copper Str. (YA, YA-L,YS, YS-L)
  - #8 - 350 kcmil Flex
  - #8 - 350 kcmil Aluminum (YA-A & YS-A)

ACCESSORIES

• **Lanyard:**	Cat# **PT208620**
• **W Die Holder**	Cat# **WDIETREE**
• **Battery:**	
Hi-capacity (2.6 AH)	Cat# **BAT18V**
• **Charger:**	
120V-AC	Cat# **PATCHGR18V**
12/24V-DC	Cat# **BCT/PATDCCHGR**
240/250V-AC	Cat# **PATCHGR250V**

Features and Benefits (Continued)

- 180 degree head rotation.
  - ◇ Versatile tool head positioning lets user get into tight areas easier.
- Uses 18 volt Ni-MH batteries.
  - ◇ Eliminates voltage depression or "memory".
- Audible pressure "pop-off" valve.
  - ◇ Indicates properly completed crimp.
- Permanent D_3 crimp groove accepts all "W-Dies".
  - ◇ Uses standard die design with proven performance.
- PAT600C-18V with covered head is available.
  - ◇ Covered head for impact protection.
- Durable high impact formed carrying case.
  - ◇ Provides tool protection and stores all accessories.
- 5-year limited warranty on tool, 1-year on batteries and charger.
  - ◇ Customer satisfaction and support.

Blue highlighted items are industry standard and most frequently ordered.

Y35BH HYPRESS™ 10,000 PSI

REMOTE POWER OPERATED COMPRESSION TOOLS

The Y35BH series remote head is designed for remote power operation and incorporates the same C-shaped head as the Y35. The hook style head with extensive ram travel provides for easy tapping and splicing of overhead lines as well as HYGROUND® compression grounding systems. Uses all standard BURNDY® "U" dies.

The remote power operated Y35 heads are available covered with 3/16″ molded rubber for tool impact protection.

Order head, hose, pump, dies and accessories separately. Five-year limited warranty.



BENEFITS

- Easy tool removal from line conductor after compression taps are installed with the open "C" shaped head.
- Easily lifted into working position using the lifting eye.
- Easy die changing plus secure die alignments provided with the positive die lock buttons.
- Uses all standard BURNDY® "U" dies.
- Long life expectancy is provided with heavy duty reinforced back.
- Mates with all universal type Hot-stick tooling.
- Rapid assembly and disassembly is provided with the quick disconnect hydraulic fitting.
- Type Y35BH-4 head is covered with 3/16″ molded rubber.
- 5-year limited warranty.

SPECIFICATIONS

	Y35BH	Y35BH-4
Operating pressure:	10,000 psi	10,000 psi
Jaw Opening:	.95″	.95″
Force developed:	12 tons	12 tons
Weight (less case):	8 lbs.	9 lbs.
Maximum width:	4-3/4″	6″
Maximum height:	9-1/4″	10-1/2″
Molded covering:	—	Yes

FOR USE ON

Connector Type		Conductor Range
Tension Sleeves	Copper	#8 sol.-500 kcmil
	Aluminum	#6 sol.-636 kcmil
	ACSR	#4 -556.5 (26/7)
Taps		#14-556.5 ACSR (18/1)
Aerial Cable Connectors	Copper	#6 str.-500 kcmil
	Aluminum	#4 str.-600 kcmil
Code Conductors	Copper	#8 str.-750 kcmil Term (400 kcmil splices)
	Aluminum	#6 str.-750 kcmil Term (400 kcmil splices)
HYGROUND® Compression Grounding	Copper (cable/cable)	#6-500 kcmil
	Copper (cable/grd. rod)	#6-250 kcmil
	Ground Rods	1/2″–3/4″

Y35BH Variations:

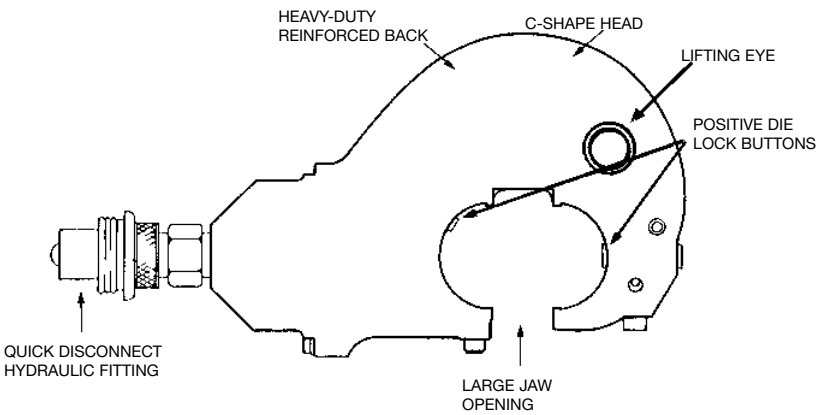
Y35BH Head Only.

Y35H Includes the Y35BH HYPRESS™ head, PT29402-1 universal hot-stick adapter, and steel carrying case.

Y35B Includes the Y35BH HYPRESS™ head, PT91 steel reinforced hydraulic hose and an FP10 foot pump in a steel carrying case. Note: NOT for use on energized conductors.

Y35BH-4 Permanent Molded Rubber Head. The Y35BH-4 is covered with 3/16″ molded rubber for tool impact protection (not insulation).

FEATURES



Blue highlighted items are industry standard and most frequently ordered.

Y39BH HYPRESS™ 10,000 PSI

REMOTE POWER OPERATED COMPRESSION TOOL

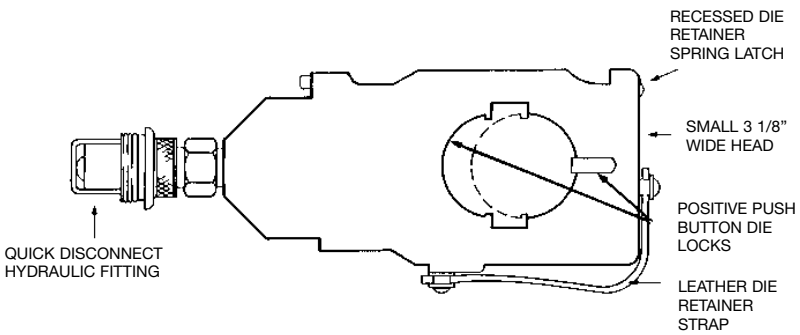
The Y39BH Remote Head is designed for remote power operation and incorporates the same small head as the Y39. Convenient die holder with recessed spring latch makes it easy to remove or lock into position. Dies are located and held in position with positive push button die locks. Dies sold separately. Uses all standard BURNDY® "U" dies. Five-year limited warranty.



BENEFITS

- Easy to work in small tight spaces with only a 3-1/8″ wide compression head.
- Easy to locate and hold dies in position with the positive push button die locks plus die changing is accomplished easily without ball checks or set screws.
- Easy to remove or lock into position die holder with recessed spring latch plus leather strap to prevent loss.
- Compression terminal, tap and splice connectors are UL Listed and CSA Certified when installed with the Y39 tool and recommended die set.
- Uses all standard BURNDY® "U" dies.
- Very versatile tool that is able to work with 10,000 PSI pumps.
- 5-year limited warranty.

FEATURES



SPECIFICATIONS

Operating pressure: 10,000 psi
Force developed: 12 tons
Weight: 6-1/2 lbs.
Maximum head width: 3-1/8″
Minimum height: 9-1/8″

FOR USE ON

COPPER
#6 AWG - 750 kcmil str.
Code Cable
N30-N650 Navy Cable
Flexible and Extra Flexible
Terminals—Uninsulated
YA, YA-L, YA-LB, YGH, YGHA
Splices and Tees—Uninsulated
YS, YS-L, YS-LB, YS-T, YSP-T, YST

COPPER-AN or AIR
#6 AWG - 4/0 str. Code Cable
AN6-AN 4/0 Aircraft Cable
Flexible and Extra Flexible
Terminals—Uninsulated
YAV-L Box, YAV-L, YAV-RS Box, YAV-RS
Splices and Tees—Uninsulated
YSV-L Box, YSV-L

COPPER-INSULATED TERMINALS
#8-AWG - 2/0 str. Code Cable
AN8-AN 2/0 Aircraft Cable
Flexible and Extra Flexible
Terminals—Insulated
YAEV-L Box, YAEV-L, YAEV-RS Box, YAEV-RS, YAEV-RH

COPPER - TAPS
#12 AWG Solid - 250 kcmil
Taps—YC-C, YGHC-C, YGHP-C, YGHR-C, YH, YCHC

ALUMINUM
#8 AWG - 750 kcmil str.
Code Cable
Terminals—YA-A
Splices—YS-A, YS-AT, YRB

ALUMINUM
#6 str. - 500 kcmil
Taps—YFD, YFN, YFO

Blue highlighted items are industry standard and most frequently ordered.

Y34BH

HYPRESS™

Hydraulic Tool—
Remote Operated 10,000 PSI

9 ton remote power operated hydraulic tool. The Y34BH HYPRESS™ tool is designed for remote hydraulic power operation. Its new 10,000 PSI operating pressure makes it easily adaptable to most remote power systems. Its small C-shaped head is light-weight, compact and with a relatively large jaw opening ideally suited for NETWORK UNDERGROUND systems. The tool comes standard with permanent molded head with 3/16" rubber and includes a separate molded rubber boot that covers the lower body and hydraulic coupler for tool impact protection. Together, with other BURNDY® hydraulic accessories, the Y34BH HYPRESS™ tool may be used on lines. The Y34BH-1 has a ten foot non-conductive 10,000 PSI hose attached at the factory. The Y34BH Series tool has a 5-year limited warranty.



BENEFITS

- Allows for easy placement and removal from continuous conductor lengths.
- Long life.
- Fast ram retraction.
- Moldedrubber covering on head, body, and hose fittings.
- Standard operating pressure.
- Ease in handling.
- Greater reliability.
- Reduced tool life cycle cost.
- 5-year limited warranty.

SPECIFICATIONS

Operating pressure: 10,000 psi
Jaw opening: 1-1/2″
Max force generated: 9 Tons
Head and body rubberized
Accommodates "B" dies
Head length: 11-1/2″
Overall dimensions: 16-3/4″ (incl. boot)
Total weight: Approx. 8 lbs.

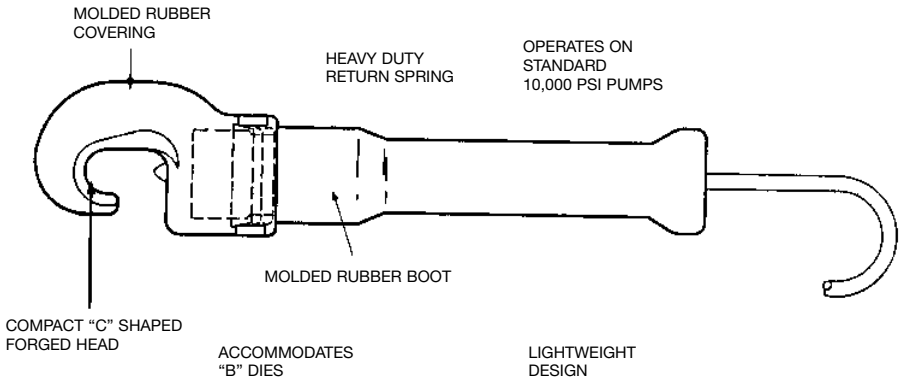
FOR USE ON

- Copper: #4-500 kcmil str.
  Welding Cable: 350 kcmil
  N40 to N500 Navy Cable
  Flexible and Extra Flexible
  #4 to 4/0 Aircraft Cable
  HYLUG™: Terminals-Uninsulated
  HYLINK™: Splices and Tees-Uninsulated
- HYCRAB™: BURNDY® Network Connector System.
  Copper: #4-500 kcmil str.
  Aluminum: #6-300 kcmil

Installation	Die	Maximum Conductor Size	
Nest	Indentor	Copper	Aluminum
B4CD	Y34PA		#6 Str.
B1CD	Y34PA		#4 Str.
B26D	Y34PA		#2 Str.
B26D	Y34PR-5		#1 Str.
B27D	Y34PR-5		1/0 Str.
B29D	Y34PR-5		2/0 Str.
B30D	Y34PR-5		3/0 Str.
B31D	Y34PR-5		4/0 Str.
B32D	Y34PR-5		250 kcmil
No die req'd.	Y34PR-11		300 kcmil

Installation	Die	Maximum Conductor Size	
Nest	Indentor	Copper	Aluminum
B4CD	Y34PR	#4 Str.	
B2CD	Y34PR	#2 Str.	
B1CD	Y34PR	#1 Str.	
B25D	Y34PR	1/0 Str.	
B26D	Y34PR	2/0 Str.	
B27D	Y34PR	3/0 Str.	
B28D	Y34PR	4/0 Str.	
B29D	Y34PR	250 kcmil	
B30D	Y34PR	300 kcmil	
B31D	Y34PR	350 kcmil	
No die req'd.	Y34PR	500 kcmil	

FEATURES



Blue highlighted items are industry standard and most frequently ordered.

Y29BH

HYPRESS™

Hydraulic Tool—
Remote Operated 6,000 PSI

4.5 Ton remote power operated hydraulic tool. The Y29BH HYPRESS™ tool is designed for remote hydraulic power operation. Its small, "C" shaped head is lightweight, designed for use in confined areas, where visibility and space is limited. Accommodates D-(series) nest dies and Y29-(series) indentor dies, for use with code or flex connector/conductor applications. Ideal for OEM applications. Dies sold separately. The Y29BH has a 5-year limited warranty.



BENEFITS

- Easy placement/removal on continuous conductor lengths.
- Lightweight, portable head design
- Companion tool of Y29NC pneumatic HYPRESS™.
- Installs a wide variety of lugs and splices
- Ideal for AN, Flex and Code conductor terminations.
- 5-year limited warranty.

SPECIFICATIONS

Operating Pressure: 6,000 psi
Height: 3″
Length: 10.75″ (including coupler fitting)
Head Width: 1.15″
Jaw Opening: 1.2″
Weight: 5 lbs.
Output Force: 4.5 tons (9000 lbs)
Crimp Type: Nest/Indentor

FOR USE ON

Copper #8 - 4/0 AWG, Code/Flex

Nylon Insulated Lugs
(Connectors meet MIL-T-7928 requirements)
• YAEV-L, YAEV-H, YAEV-RS, YAEV-RH

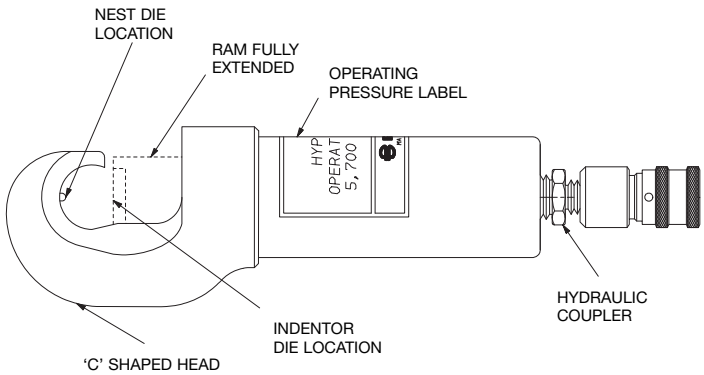
Non-Insulated Lugs
(Connectors meet MIL-T-7928 requirements)
• YAV-L, YAV-R, YAV-RS

Non-Insulated Splices
(Type YSV-L connectors UL Listed, CSA Certifed)
• YSM, YSV-L

(Consult "Section B" of Catalog for detailed connector descriptions)

Uninsulated Connectors		Maximum Conductor	Insulated Connectors	
NEST	IND.	SIZE	NEST	IND
DV8L-1	Y29PL	#8 AWG	DEV8L	Y29PLE-1
DV6L	Y29PL	#6 AWG	DEV6L	Y29PLE-1
DV4L	Y29PL	#4 AWG	DEV4L	Y29PLE-1
DV2L	Y29PL	#2 AWG	DEV2L	Y29PLE
DV1L	Y29PL	#1 AWG	DEV1L	Y29PLE
DV25L	Y29PL	1/0 AWG	DEV25L	Y29PLE
DV26L	Y29PL	2/0 AWG	DEV26L	Y29PLE

FEATURES



Blue highlighted items are industry standard and most frequently ordered.

Y750BHXT AND Y750CBHXT RUBBER COVERED HEAD

HYPRESS™

12 Ton Remote Power Operated Hydraulic Tool

Conductor Range:
#14 - 750 kcmil Al/Cu
#4 - 556.5 kcmil ACSR

12 ton remote power operated hydraulic tool. The Y750BHXT HYPRESS™ incorporates a wide mouth (1.65") C-shaped head for all compression applications. The hook style head provides for easy tapping, splicing, and terminating of overhead lines as well as the full range of HYGROUND® compression grounding system connectors, NEC cable connections and N30 - N650 Navy cable applications.

All standard BURNDY® "U" dies fit the Y750BHXT and Y750CBHXT HYPRESS™. Dies and accessories sold separately.

The Y750CBHXT has a permanently molded rubber covered head and includes a separate rubber molded boot that covers the lower body and hydraulic fitting for tool impact protection. 5-year limited warranty.



BENEFITS

- Covers a wide range of applications and provides easy tool removal from continuous conductors with its C-shaped head (1.65″ opening).
- Easy die change out and retention with exposed positive die lock buttons.
- Uses all standard BURNDY® U-dies.
- Y750CBHXT provides molded rubber covering on head, body and hose fittings.
- Hot stick adapter sold separately.
- Infinitely rotatable head, so hydraulic couplers won't easily loosen.
- 5-year limited warranty.

SPECIFICATIONS

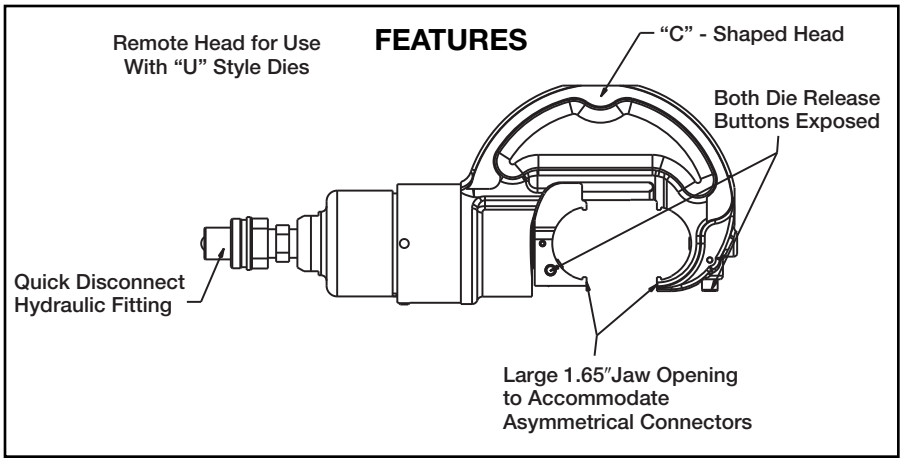
Operating pressure: 10,000 psi
Force developed: 12 tons
Jaw opening: 1.65″ (42 mm)
Length: 12.8″ (325 mm)
Weight: 10.3 lbs. (4.7 kg)
Head width: 5.2″ (132 mm)

FOR USE ON

- **Tension Sleeves**
  - Copper #8 sol - 500 kcmil
  - Aluminum #6 sol. - 556.5 kcmil
  - ACSR #4 - 556.5 kcmil
- **Taps**
  - Copper #14 solid - 500 kcmil
  - Aluminum #6 - 500 kcmil
- **Aerial Cable**
  - Copper #6 - 500 kcmil
- **Terminals and Splices**
  - Aluminum #8 - 750 kcmil
  - Copper #8 - 750 kcmil
  - ACSR #4 - 556 kcmil
- **HYGROUND®** (Compression Grounding)
  - Copper #6 - 500 kcmil (cable/ground rod)
  - Ground Rods 1/2″ - 1″ Diameter

ACCESSORIES:

Cat. No.	Description
PT29402-1	Adjustable head grip for joining head to universal hot sticks.
PT29279-2	Force test gauge for accurate visual reading of output force.
PT29291	Die Case Steel case for storage and protection of "U" dies.
WIREMIKE	Provides quick and easy identification of commonly used conductors.



Blue highlighted items are industry standard and most frequently ordered.

Y644MBH

DIELESS HYPRESS™

Hydraulic Tool—
Remote Operated 10,000 PSI

The "1" Crimp-Range Taking 11-Ton Force - Hydraulic Remote Tool #6-1000 kcmil Copper HYLUG™ Terminals and HYLINK™ Splices #6-1000 kcmil Aluminum HYLUG™ Terminal and HYLINK™ Splices

The "1" Crimp Type Y644MBH Dieless HYPRESS™ Remote Tool, crimps 195 different copper and aluminum HYLUG™ terminals and HYLINK™ splices, which cover the breadth of 38 code conductor sizes and 15 Navy cable sizes.

Only one (1) crimp is required for each wire termination for both long and standard length barrels on BURNDY® HYLUG™ and HYLINK™ connectors throughout the entire conductor range. The Y644MBH dieless remote head tool operates on 10,000 psi hydraulic pressure and develops an output force of 11 tons, the same as the self-contained Y644M Dieless HYPRESS™. Five-year limited warranty.



BENEFITS

- Dieless system, eliminates the need to purchase and maintain dies.
- Easy tool positioning with its infinitely rotatable head.
- Easy inspection and positive identification is provided with the BURNDY® logo.
- Five-year limited warranty.

SPECIFICATIONS

Force Developed: 11 Tons
Operating Pressure: 10,000 psi
Head Width: 3.93″
Overall Length: 12″
Weight (less case): 9-1/2 lbs.

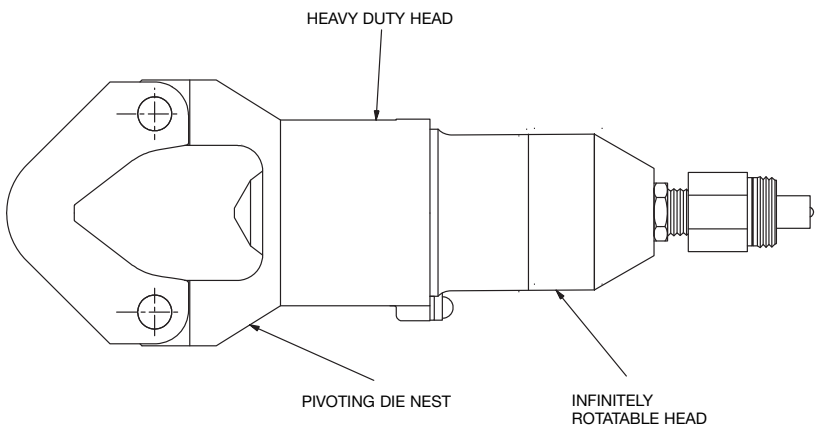
FOR USE ON

AWG/kcmil Wire Size Range	Connector Type
Copper #6 - 1000 kcmil	Terminals YA-L, YA-2LN, YA, YA-2N, YA-L-2TC, YAB-4N, YA-L-TC, YA-2L, YA-4N Splices YS-L, YS-T, YS
Aluminum #6 - 1000 kcmil	Terminals YA-A, YA-A-TN Splices YS-A
Aluminum #6 - 750 kcmil	HYPLUG™ AYP, AYPO

The following size HYDENT™ lugs and two way splices, when crimped with the Y644MBH Dieless HYPRESS™ Tool, produce the following range taking capabilites.

Aluminum Connectors		Copper Connectors	
Standard Wire Size	Expanded Wire Range	Standard Wire Size	Expanded Wire Range
#6 AWG	#6 AWG	#6 AWG	#6 AWG
#5 AWG	#5-#6 AWG	#5 AWG	#5-#6 AWG
#4 AWG	#4-#6 AWG	#4 AWG	#4-#6 AWG
#3 AWG	#3-#6 AWG	#3 AWG	#3-#6 AWG
#2 AWG	#2-#6 AWG	#2 AWG	#2-#6 AWG
#1 AWG	#1-#2 AWG	#1 AWG	#1-#6 AWG
1/0 AWG	1/0-#1 AWG	1/0 AWG	1/0-#6 AWG
2/0 AWG	2/0-#1 AWG	2/0 AWG	2/0-#4 AWG
3/0 AWG	3/0-#1 AWG	3/0 AWG	3/0-#2 AWG
4/0 AWG	4/0-#1 AWG	4/0 AWG	4/0-#1 AWG
250 kcmil	250-1/0 AWG	250 kcmil	250-1/0
300 kcmil	300-2/0 AWG	300 kcmil	300-2/0
350 kcmil	350-3/0 AWG	350 kcmil	350-3/0
400 kcmil	400-4/0 AWG	400 kcmil	400-4/0
500 kcmil	500-4/0 AWG	500 kcmil	500-4/0
600 kcmil	600-250 kcmil	600 kcmil	600-250
750 kcmil	750-500 kcmil	750 kcmil	750-500
1000 kcmil	1000-750 kcmil	800 kcmil	800-500
		1000 kcmil	1000-750

FEATURES



Blue highlighted items are industry standard and most frequently ordered.

4-POINT® Y81KFTMBH

DIELESS HYPRESS™

10,000 PSI Dieless Hydraulic Tool—Remote Operated

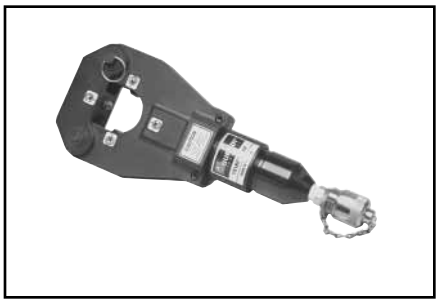
#8 - 1000 kcmil Copper HYLUG™ Terminals and HYLINK™ Splices

#8 - 750 kcmil Aluminum HYLUG™ Terminals and HYLINK™ Splices

The Y81KFTMBH 4-POINT® dieless HYPRESS™ is a remote powered 6 ton hydraulic crimping tool for use on a wide variety of terminal and splice compression applications. The Y81KFTMBH incorporates a dieless latch style head that provides easy tool removal from continuous conductor runs and eliminates the need to purchase and maintain dies. The Y81KFTMBH dieless remote head tool operates on 10,000 psi hydraulic pressure and develops an output force of 6 tons, the same as the self contained Y81KFTMBH. The result is easy termination and splicing using BURNDY® HYLUG™ and HYLINK™ terminals and splices.

The Y81KFTMBH is supplied with a canvas bag and quick connect fittings and comes complete with a 5-year limited warranty.

Y81KFTMBH dieless HYPRESS™ Range Taking Capabilities: The Y81KFTMBH provides range taking capabilities that is UL and CSA listed for Copper (Code, Compact and Flex) and Aluminum (Code and Compact) conductors when used in conjunction with BURNDY® HYLUG™ terminals and HYLINK™ splices. *See chart for connector, conductor and range taking combinations.*



Features and Benefits

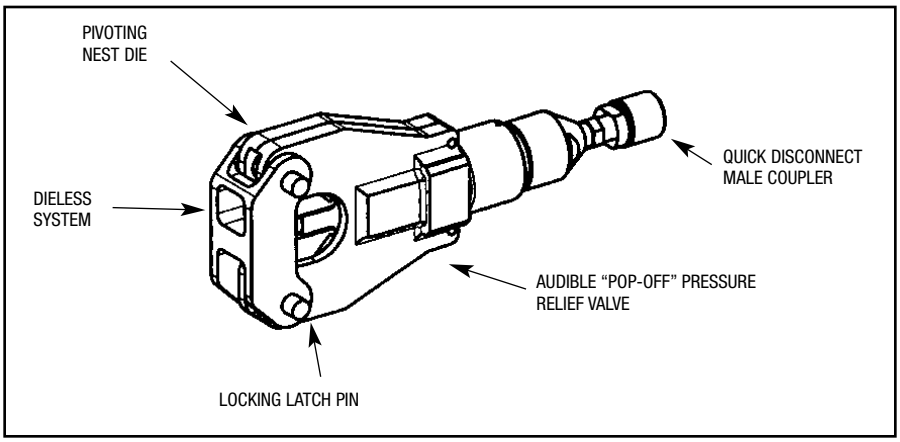
- Dieless installation system.
  - ◊ Eliminates the need to purchase and maintain dies.
- UL Listed and CSA Certified with Range Taking Capabilities
  - ◊ Provides the installer with UL Listed and CSA Certified crimps with Range Taking Capabilities when used in conjunction with BURNDY® HYLUG™ Terminals and HYLINK™ Splices.
- Flip top head design.
  - ◊ For easy loading and removal of installed terminals and splices, saving time.
- Incorporates Parker type quick connect couplers.
  - ◊ Eases installation time.
- Audible pressure “pop-off” valve and die embossment providing 360° inspectability.
  - ◊ Assures proper crimps with both audible and visual indicators for the installer.
- 5-year limited warranty on tool.
  - ◊ Customer satisfaction and support.

SPECIFICATIONS

Output Force:	6 tons (12,000 lbs.) (5.4 Metric Tons)
Weight:	8.5 lbs. (3.86 kg)
Overall Length:	13.9 in. (354 mm)
Head Width:	5.4 in. (138 mm)
Operating Pressure:	10,000 psi (68.9 MPa)

FOR USE ON

- Copper, Aluminum, Compressed, Compact, Stranded, Solid and Flex Conductors.
- Installs Splices, Taps and Terminations:
  - #8 - 1000 kcmil Copper (YA, YA-L, YS, YS-L, YS-T, Y-R)
  - #8 - 777.7 (750 Nominal Flex Wire Size) kcmil Flex (YA-FX, YAV, YA-L-FX, YS, YSV-FXB)
  - #8 - 750 kcmil Aluminum (YA-A, YS-A)
  - #8 - 750 kcmil Aluminium Pin Adapters (AYP, AYPO)



Blue highlighted items are industry standard and most frequently ordered.

4-POINT® Y4PC834MBH

DIELESS HYPRESS™

10,000 PSI Dieless Hydraulic Tool—Remote Operated

The Y4PC834MBH 4-POINT® C-head dieless HYPRESS™ is a remote powered 6 ton hydraulic crimping tool for use on a wide variety of tap, terminate, and splice compression applications. The dieless capability of this tool eliminates the need to purchase or maintain additional dies. The Y4PC834MBH incorporates a C-shaped head design making it ideal for crimping in tight areas and is easily removed from continuous conductor runs. The head rotates 360° and is mated to a patented rapid advance pump. The Y4PC834MBH weighs only 8.35 pounds and delivers 6 tons of crimping force. The result allows for easy tap, termination and splicing of compression connectors.

The Y4PC834MBH is supplied with a canvas bag, quick connect fittings and comes with a 5-year limited warranty.

The Y4PC834MBH provides range taking capabilities that are UL Listed and CSA Certified for Copper (Code, Compact and Flex) and Aluminum (Code and Compact) conductors when used in conjunction with BURNDY® HYLUG™ terminals and HYLINK™ splices as listed on page C-7 in the Master Catalog.



Features and Benefits

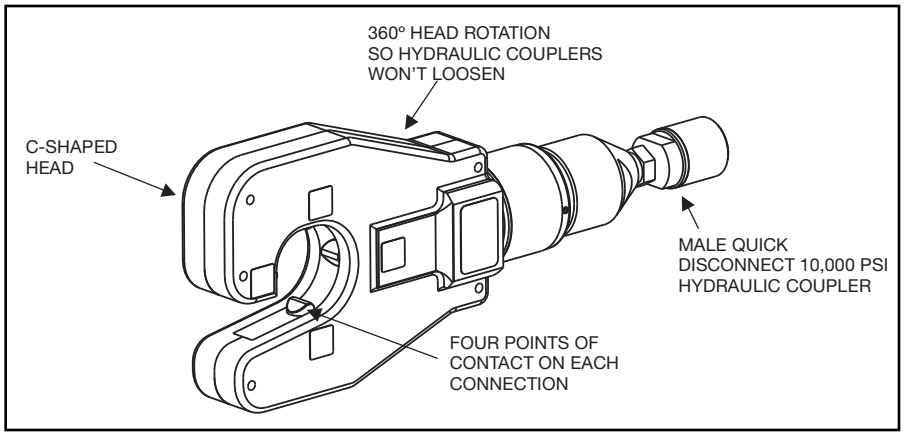
- Dieless installation system
  - ◊ Eliminates the need to purchase and maintain dies.
- UL Listed and CSA Certified with range taking capabilities
  - ◊ Provides the installer with a UL Listed and CSA Certified crimps when used in conjunction with BURNDY HYLUG™ and HYLINK™ compression connectors.
- C-shaped head design
  - ◊ For easily removing tool from continuous run conductors – Simply slide the opening of the head off the conductor. Also ideal for use in tight or constrained spaces.
- Visual 360° inspectability
  - ◊ Assures proper crimps with visual indicators for the installer.
- 5-year limited warranty
  - ◊ Customer satisfaction and support.

SPECIFICATIONS

Output Force: 6 Tons (5.4 Metric Tons)
Weight: 8.35 lbs (3.7 kg)
Length: 13.9 in (354 mm)
Width: 5.4 in (178 mm)

FOR USE ON

- Copper, Aluminum, Compressed, Compact, Stranded, Solid and Flex Conductors
- Installs Splices, Taps and Terminations:
  - #8 - 1000 kcmil Copper (YA, YA-L)
  - #8 - 500 kcmil Copper (YS, YS-T, YS-L, Y-R)
  - #8 - 777 (750 Nominal Flex Wire Size) kcmil Flex ((YA-FX, YAV, YA-L-FX)
  - #8 - 535 (500 kcmil nominal flex wire size) kcmil flex (YS, YS-LB, YSV-FXB)
  - #8 - 750 kcmil Aluminum (YA-A)
  - #8 - 350 kcmil Aluminum (YS-A)
  - #8 - 750 kcmil Aluminum Pin Adaptors (AYP, AYPO)



Blue highlighted items are industry standard and most frequently ordered.

Y45

HYPRESS™

15 Ton Remote Power Operated Hydraulic Tool—10,000 PSI

The Y45 Series is designed for remote hydraulic operation. A C-shaped head design provides easy installation of tap and splice connectors. The hook style head with extensive ram travel operates easily on large distribution and transmission conductors. Together with accessories, the Y45 Series tooling may be used on overhead lines. The small light-weight head design is very adaptable for work in underground trenches and manholes. Uses standard BURNDY® "S" Dies.

Cat. No. **PT6515** is required to use "U-" type dies in all Y45 variations. Order Head, Hose, Pump, Dies, and accessories separately. 5-year limited warranty.



PT6545

BENEFITS

- Easy connector installation and tool removal from line conductors with the open C-shaped head.
- Easily lifted into working position using lifting eye.
- Easy die changing plus secure die alignment is provided with the positive die lock buttons.
- Long life expectancy is provided with fully protected ram and die buttons.
- Rapid assembly and disassembly is provided with the quick disconnect hydraulic coupler.
- Rugged design provides long life expectancy.
- 5-year limited warranty.

SPECIFICATIONS

	Y45
Operating pressure:	10,000 psi
Force developed:	15 Tons
Weight (less case):	15-3/4 lbs.
Maximum Width:	7-1/4″
Maximum Height:	14-1/4″

FOR USE ON

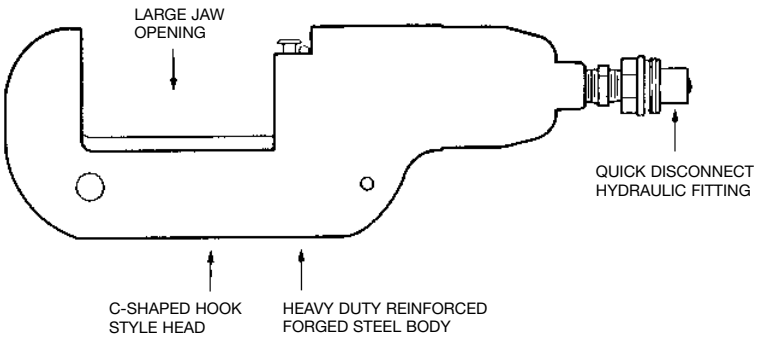
AWG/kcmil Wire Size Range	Connector Type	
Tension Sleeves	Copper	#8 sol.-500 kcmil
	Aluminum	#6 sol.-954 kcmil
	ACSR	#4 -795 (26/7)
Taps	Aluminum	#14-954 (18/1) ACSR
	ACSR	#6-795 (54/7)
Aerial Cable Connectors	Copper	#6 str.-1500 kcmil
	Aluminum	#4 str.-1000 kcmil
HYGROUND® Compression Grounding	Copper	#6-500 kcmil 1/2″ - 1″ ground rods
Code Cable Terminals and Splices	Copper	#8-1500 kcmil
	Aluminum	#8-1000 kcmil
Taps	Copper	#14-1000 kcmil
	Aluminum	#14-900 kcmil

ACCESSORIES:

Cat. No. **PT6515**
Description:
Adapter for use with "U-"die sets.

Cat. No. **PT6545**
Description:
Die carrying case for "S" and "P" type dies. Holds eight (8) die sets. (Dies sold separately.)

FEATURES



Blue highlighted items are industry standard and most frequently ordered.

Y46 AND Y46C

HYPRESS™

15 Ton Force Remote Operated Hydraulic Tool—10,000 PSI

The Y46 standard tool and Y46C rubber covered tools are lightweight, compact and versatile with installation dies for both circumferential and nest-indentor types. Accessories include "U-" die adapter, a cable cutting die for 1.2″ diameter non-steel conductors, plus a lifting eye and universal hot-stick adapter for overhead line construction. 5-year limited warranty.



BENEFITS

- Compact "C" shaped head allows easy placement and removal from continuous conductor lengths.
- Versatile and economical-HYPRESS™ tools work on all commonly used copper and aluminum products.
- Dies and adapters lock into or remove from tool head easily with the positive push button die locks.
- Safety, strength and high quality is provided with strong forged steel and precision machined components.
- Excellent for HYGROUND® compression grounding applications through 1″ ground rods and up to 500 kcmil taps, terminals and splices.
- Compression terminal, splice and tap connectors are UL Listed and CSA Certified when installed with the Y46 and Y46C HYPRESS™ and recommended die set.
- Y46C has a permanently molded head of 3/16″ rubber and includes a separate molded rubber boot to cover the lower HYPRESS™ body and hydraulic coupler for impact protection.

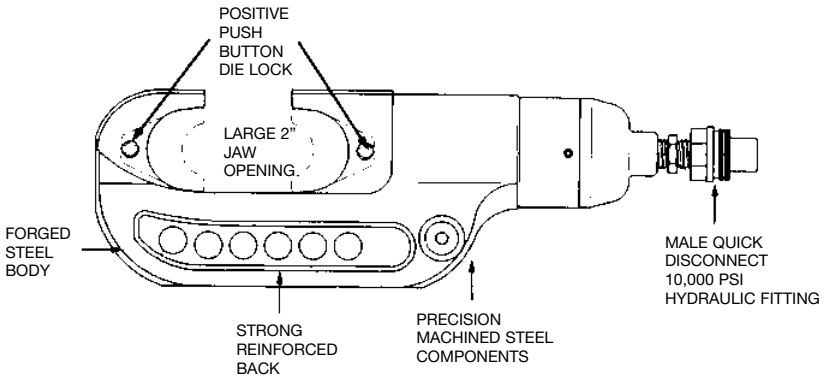
SPECIFICATIONS

	Y46	Y46C
Force developed:	15 Tons	15 Tons
Operating pressure:	10,000 psi	10,000 psi
Jaw opening:	2″	2″
Maximum width:	4-1/2″	4-3/4″
Overall length:	15″	21-3/4″ (incl. boot)
Weight (less case):	16 lbs.	17-1/2 lbs.
Molded Covering:	No	Yes

FOR USE ON

Connector Type	Conductor Range
Copper #8 AWG str.- 1500 kcmil Code Cable Navy Cables Flexible and Extra Flexible 1/2"-1" Ground Rods	Terminals-Grounding to 500 kcmil YGA, YGHA, YGF Terminals-Uninsulated #8 to 1500 kcmil YA, YA-2N, YA-L, YA-LB, YA-TC, YA-2LN, YAB-4N, YAV-L Box, YAV-L, YAV-RS Box, YAV-RS, YA-TC-FX Terminals-Insulated #8 to 2/0 YAEV-L Box, YAEV-L, YAEV-H, YAEV-RS, YAEV-RH Splices #8 to 1500 kcmil YS, YS-T, YS-L, YS-LB, YST, YSP-T, YGS, YGHS Taps YH, YCHC #14 to 1000 kcmil YC-C to 4/0 AWG Taps-Grounding to 500 kcmil YGHC-C, YGHP-C, YGHR-C
Aluminum #8 AWG- 1250 kcmil Code Cables	Terminals YA-A, AYP, AYPO Splices YS-A, YS-AT, YRB Taps YFD, YFN, YFO, YFR
ACSR	See Burndy Overhead Transmission and Distribution Catalog Module

FEATURES



ACCESSORIES:

Cat. No.	
P15K	Cutter die max. 1.2″ dia.
PUADP-1	"U"-die adapter
PT10128	Universal hotstick adapter-Y46
Y46-2	Same as Y46 with Female coupler

N-51

Blue highlighted items are industry standard and most frequently ordered.

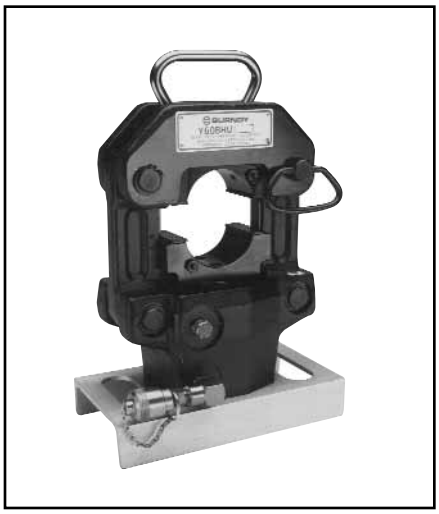
Y60BHU AND Y60BHUD

HYPRESS™

60 Ton Remote
Power Operated Hydraulic Tools

Single and Double Acting
Hydraulic Tool Designs

The Y60BHU HYPRESS™, single acting, and Y60BHU-D HYPRESS™, double acting, are both designed to provide fast, easy operation plus a durable and substantially longer design life expectancy. Both Y60BHU and Y60BHU-D HYPRESS™ tools accommodate the same "L" dies. The "L" dies are designed for copper and aluminum code cables and aerial conductor sizes through 2500 kcmil and will accommodate ACSR through 2156 (84/19) str. Five-year limited warranty.



BENEFITS

- Easy to carry with heavy duty handle.
- Easy to remove splices with nest that pivots open.
- Safety and security is provided with captive locking pin for nest die.
- Long life expectancy (50,000 cycles) with heavy duty steel frame.
- Fast easy die changing and secure die positioning with positive die release locking pins.
- Faster retraction with double acting hydraulic system (Y60BHUD).
- Protected male coupler with captive cap.
- Stability is provided with sturdy steel base.
- Easy, less costly repairs with fewer parts that are easily accessible (example: Bottom die holder).
- 5-year limited warranty.

SPECIFICATIONS

Force developed:	60 tons
Operating pressure:	10,000 psi
Hydraulic oil:	BURNDY® ALFLUID™
Life expectancy:	50,000 cycles min.
Height:	16.62″
Weight (less case):	70 lbs.
Shipping weight:	97 lbs.

FOR USE ON

Copper
300 kcmil-2000 kcmil
Str. Code Cable
Terminals
YA, YA-2N, YAB-4N, YA-L, YA-2LN, YA-LB
Splices
YS, YST, YS-L, YS-T, YSP-T

Aluminum
250 kcmil-2000 kcmil
Str. Code Cable
Terminals
YA-A
Splices
YS-A, YS-AT

Transmission and Distribution Connectors
Tension Sleeves:
Copper: 1/0 str. - 1000 kcmil
Aluminum: 1/0 str. - 2300 kcmil
ACSR: 1/0 - 2156 (84/19 str.)
Aerial:
Copper: 4/0 str. - 2500 kcmil
Aluminum: 3/0 str. - 2500 kcmil
YTS, YTN, YNS, YNA, YNT, YNTA, YNU, YDS, YDN, YCS, YCA, YCU

TYPE "L" DIES

For Use With Y60BHU and Y60BHUD

BURNDY® offers two types of "L" dies. Our standard width L dies (example: L735).



Standard L Die



Wide L Die

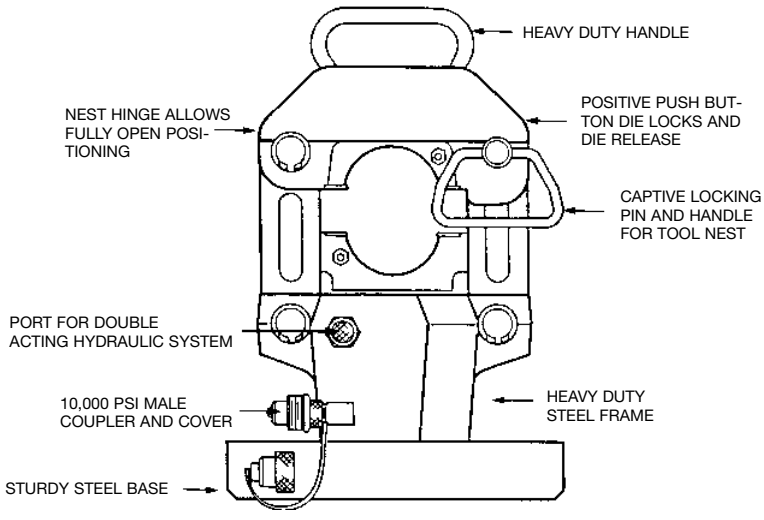
Wider "L" dies with Indicia marks (example: L735W). Indicia marks on the die provide the installer with the start location for the next overlap crimp consistently on aluminum connector surfaces. Reduces the number of crimps and installation time.



The following dies are available in this series:

L717W	**L719W**
L720W	**L722W**
L724W	**L725W**
L727W	**L728W**
L729W	**L735W**

FEATURES

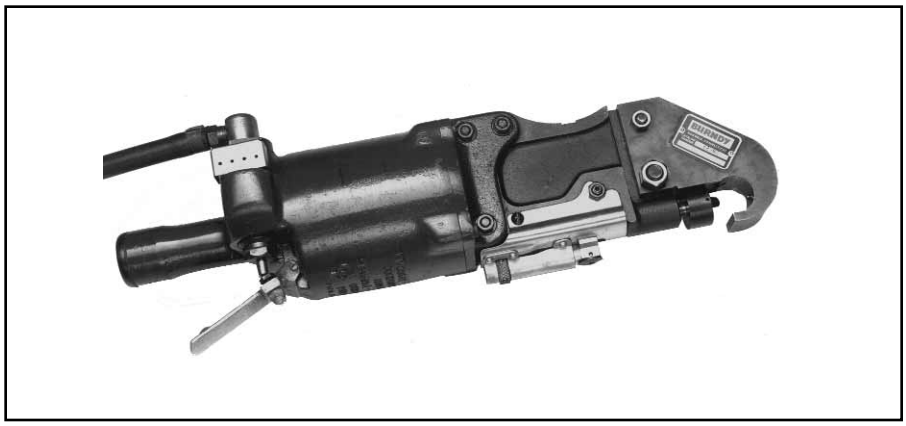


Blue highlighted items are industry standard and most frequently ordered.

Y29NC

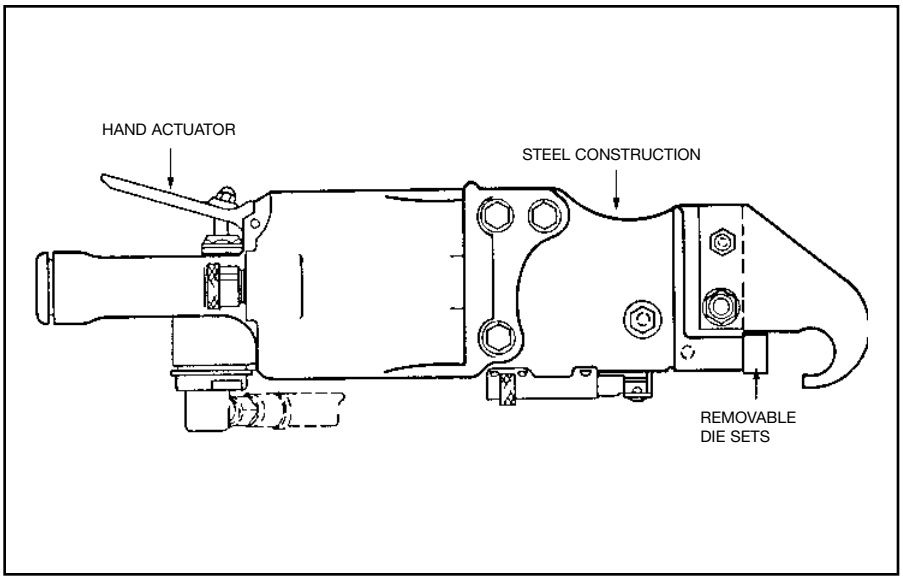
PNEUMATIC HYPRESS™

The Y29NC Pneumatic HYPRESS™ operates on 85-100 PSI and will install insulated and uninsulated terminals from #8 - 2/0 copper. Uses DV type nest with Y29 type indentor.



BENEFITS

- Portable or bench mounted.
- Adjustable blow off valve to ensure proper indenting force.
- Uses DV type nest with Y29 type indentor.
- Hand operated.
- 5-year limited warranty.



SPECIFICATIONS

Weight: 12-1/2 lbs.
Length: 17-1/2″
Air line pressure: 85 - 100 PSI

FOR USE ON

Wire Range: #8–2/0 Cu

YAEV-L, YAEV-H, YAEV-RS, YAEV-RH, YAV-L,YAV-R
YAV-RS, YSV-L, YSM

Die Index	Nest/Indenter
38/631	DV8L/Y29PL
6/631	DV8L/Y29PL
39/632	DV6LY29PL
7	D6CL/Y29PL
40/633	DV4L/Y29PL
9	D3CL/Y29PR
41/634	DV2CL/Y29PL
42	DVIL/Y29PR
43	DV256/Y29PR
13	D26L/Y29PR
44	DV26L/Y29PR
49	DV8L/Y29PL

Blue highlighted items are industry standard and most frequently ordered.

TFM

TAPE FED MACHINE

For Automatic Installation of Tape Mounted Terminals

The BURNDY® TFM machine installs vinyl insulated, nylon insulated and uninsulated terminal sizes #26-#10 without time-consuming die changes. A rotating turret die holder consists of three die sets. With the new TFM, your operators can crimp from 1,500 to 2,500 terminals per hour.

BURNDY® has made a breakthrough in die changing-the TFM is the first and only turret die holder to crimp terminals automatically. No long complicated setups or paying for duplicate machines: Once the dies are secure to the die holder there's never a need to remove them. No adjustments. No calibrations. Just a simple twist of the wrist. An operator can change reels, terminals and dies in seconds flat.



SPECIFICATIONS

Height: 16″
Width: 13″
Depth: 6″
Weight: 35 lbs.

FOR USE ON

#26 - #10 AWG Cu

Vinyl Insulated Terminals:
BA-EF-M, BA-EL-M, BA-EM, BA-EZ-M

Nylon Insulated Terminals:
YAE-M, YAE-FM, YAE-ZM

Non-Insulated Terminals:
YAD-M, YAD-FM

Vinyl Insulated Disconnects:
PQ-M

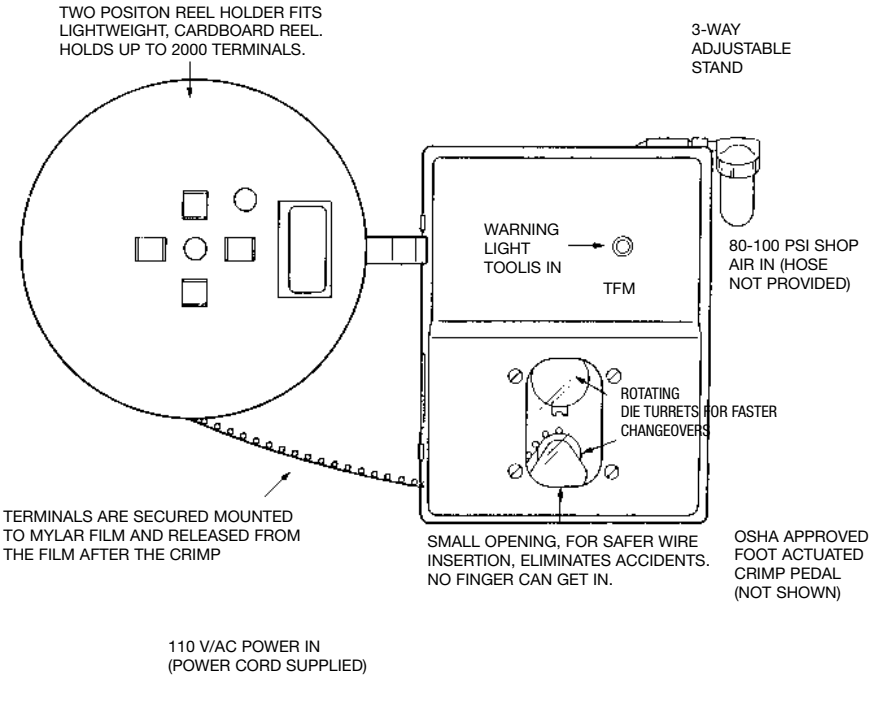
FEATURES

- Positive wire locator.
- Foot-actuated crimp.
- Lightweight Reel.
- Quiet operation.
- Lease policy.
- Can crimp up to 1,500 to 2,500 terminals per hour.
- An operator can change reels, terminals and dies in 30 seconds.
- Rotating turret die holder permits terminal change over in seconds.

BENEFITS

- Ensures proper wire termination.
- Minimizes repetitive hand motion injuries.
- Smooth rotation advance of connectors.
- Eliminates need for earplugs/noise dampeners.
- Inexpensive alternative to buying.
- High volume production capability.
- Minimizes production downtime.

Cat.# TFM1D5R
(Lease Only)



Blue highlighted items are industry standard and most frequently ordered.

TFM INSTALLATION TOOLING CHART

Tape Mounted Catalog Number 2000/Reel	Installation Tooling
BA16E4M	TFM with DFM3-1 Die
BA16E6M	
BA16E8M	
BA16E10M	
BA16E14M	
BA16E38M	
BA14E4M	TFM with DFM2-1
BA14E6M	
BA14E8M	
BA14E10M	
BA14E14M	
BA14E516M	
*BA10E6M	TFM with DFM1D5 Die
*BA10E8M	
*BA10E10M	
*BA10E14M	
*BA10E38M	

BA16EF2M	TFM with DFM3-1 Die
BA16EF6M	
BA16EF8M	
BA16EF10M	
BA14EF8M	TFM with DFM2-1 Die
BA14EF10M	
*BA10EF6M	TFM with DFM1D5 Die
*BA10EF8M	
*BA10EF10M	

BA16EL6M	TFM with DFM20D1 (20-22 AWG) DFM3-1 (16-10 AWG)
BA16EL8M	
BA16EL10M	
BA14EL6M	TFM with DFM2-1 DIE
BA14EL8M	
BA14EL10M	
*BA10EL6M	TFM with DFM1D5 Die
*BA10EL8M	
*BA10EL10M	

* 1000 per Reel

Tape Mounted Catalog Number 2000/Reel	Installation Tooling
YAD18-4M	TFM with DFM6-1 Die
YAD18-6M	
YAD18-8M	
YAD18-10M	
YAD18-14M	
YAD14-4M	TFM with DFM5D1 Die
YAD14-6M	
YAD14-8M	
YAD14-10M	
YAD14-14M	
YAD14-38M	
*YAD10-8M	TFM with DFM4D1 Die
*TAD10-14M	
*YAD10-516M	
*YAD10-38M	

YAE22N65FM	TFM with DFM11D1 Die
YAE22N66FM	
YAE18G43FM	TFM with DFM10D1 Die
YAE18N56FM	
YAE18N57FM	
YAE14N76FM	TFM with DFM9D1 Die
YAE14N77FM	
YAE14N78FM	

* 1000 per Reel

Tape Mounted Catalog Number 2000/Reel	Installation Tooling
YAE22G18M	TFM with DFM11D1 Die
YAE22G16M	
YAE22G13M	
YAE18N29M	TFM with DFM10D1 Die
YAE18N27M	
YAE18-N7M	
YAE18N26M	
YAE18N21M	
YAE18N25M	
YAE18G43M	
YAE-18N24M	
YAE18N1M	
YAE18NM	
YAE18N2M	
YAE18N3M	
YAE14N43M	TFM with DFM9D1 Die
YAE14N1M	
YAE14NM	
YAE14N2M	
YAE14N3M	
YAE14N4M	
YAE12N9M	TFM with DFM7D1 Die
YAE12N1M	
YAE12NM	
YAE12N2M	
YAE12N3M	
*YAE10N5M	
*YAE10N11M	
*YAE10NM	
*YAE10N3M	
*YAE10N2M	
*YAE10N4M	

* 1000 per Reel

Tape Mounted Catalog Number 2000/Reel	Installation Tooling
YAE22Z1M	TFM with DFM11D1 Die
YAE22Z2M	
YAE22Z3M	
YAE18Z1M	TFM with DFM10D1 Die
YAE18Z3M	
YAE18Z4M	
YAE14Z3M	TFM with DFM9D1 Die
YAE14Z4M	
YAE12Z2M	TFM with DFM7D1 Die
YAE12Z3M	

BA16EZ2M	TFM with DFM3-1 Die
BA16EZ6M	
BA16EZ10M	
BA14EZ6M	TFM with DFM2-1 Die
BA14EZ8M	
BA14EZ10M	
*BA10EZ8M	TFM with DFM1D5 Die

PQ18R257M	TFM with DFM13D1 Die
PQ18R258M	
PQ14R257M	TFM with DFM12D1 Die
PQ14R258M	
PQ10R258M	TFM with DFM16D1 Die

PQ18R256M	TFM with DFM15D1 Die
PQ14R256M	TFM with DFM14D1 Die

PQ18R187M	TFM with DFM13D1 Die
PQ18R188M	
PQ14R187M	TFM with DFM12D1 Die
PQ14R188M	

* 1000 per Reel

Blue highlighted items are industry standard and most frequently ordered.

MCC500, MCC1000

MANUAL CABLE CUTTERS

The MCC series cable cutters are precision cable cutters incorporating high leverage shear-type design capable of cutting up to 1000 kcmil copper and aluminum cables. Rugged steel blades and fiberglass construction provide cutting ease, long life and minimum cable distortion. MCC20 has non-slip grip covered forged steel handles.

The MCC series cable cutters are warranted to be free from defects in material (excluding blades) and workmanship for one year.



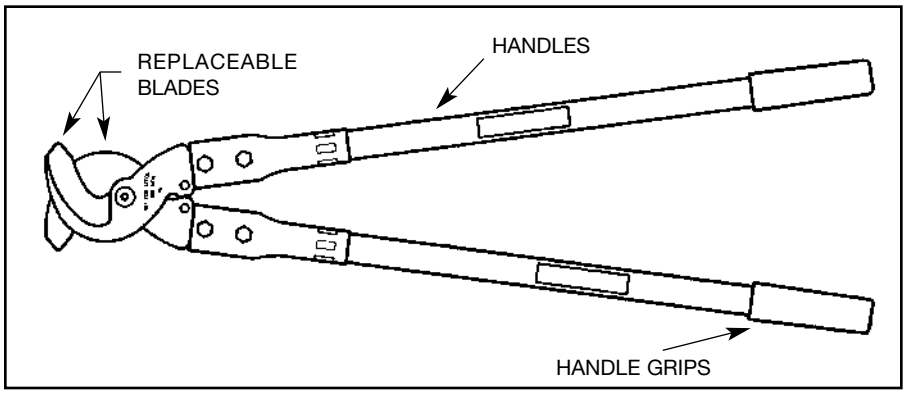
FEATURES

- High quality design and construction.
- Rugged high quality steel blades.
- Fiberglass handles with soft grips.
- MCC20 has forged steel handles with non-slip grips.

BENEFITS

- Easy cutting with minimal cable distortion.
- Excellent cutting edge performance.
- Provides comfortable tool operation and long life.

Catalog Number	Overall Length	Max. Capacity		Max. Insulation Diameter	Weight
		Copper	Aluminum		
MCC500	21″ [533 mm]	500 kcmil	500 kcmil	1.25″ [32 mm]	3.5 lbs. (1.5 kg)
MCC1000	32″ [813 mm]	1000 kcmil	1000 kcmil	1.90″ [48 mm]	9.0 lbs. (4.0 kg)



Replacement Blades

Catalog Number	Description
MCC500BLADESET	Replacement blades for MCC500
MCC1000BLADESET	Replacement blades for MCC1000

Blue highlighted items are industry standard and most frequently ordered.

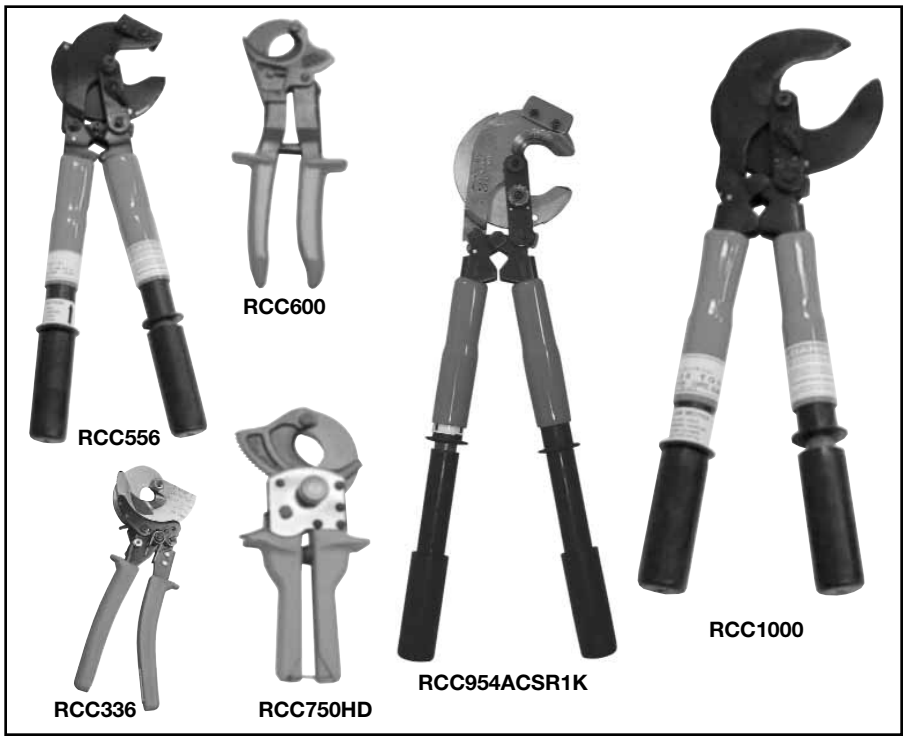
RCC336, RCC556, RCC600, RCC750HD, RCC954ACSR, RCC1000

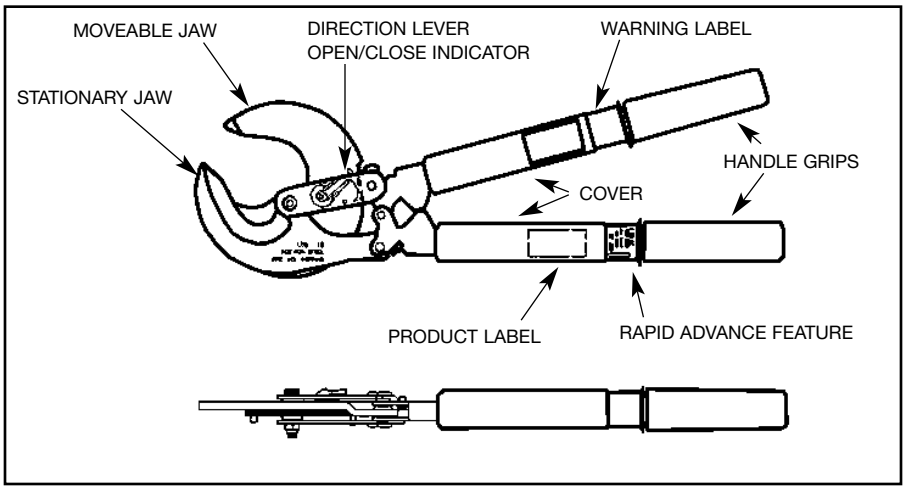
RATCHET CABLE CUTTERS

The RCC series cable cutters are precision high quality tools designed to cut up to 954 ACSR and 1000 kcmil copper and aluminum. The tools are equipped with rugged steel blades, and a precision bi-directional ratchet mechanism for positive blade control, including where applicable, a fast action thumb slide collar for rapid blade advance and rugged fiberglass or non-slip grip handles. RCC600 and RCC750HD have cushion grip covered steel handles.

The RCC series cable cutters are warranted to be free from defects in material (excluding blades) and workmanship for one year.

For replacement blades, consult factory for details.





FEATURES

- Patented high strength steel blades.
- Quick release, bi-directional ratchet mechanism.
- Rapid blade advance.

BENEFITS

- Easy cutting with minimal cable distortion.
- Excellent cutting edge performance.
- Provides comfortable tool operation and long life.

Catalog Number	Overall Length	Maximum Capacity			Maximum Insulation Diameter	Weight
		Copper	Aluminum	ACSR		
RCC336	10.5″ [267 mm]	350 kcmil [177 mm]	500 kcmil [253 mm]	336 kcmil [18.31 mm]	0.74″ [18.8 mm]	1.2 Lbs. (0.5 kg)
RCC556	20″ [508 mm]	500 kcmil [26.70 mm]	500 kcmil [26.70 mm]	556 kcmil [23.55 mm]	1.25″ [31.75 mm]	4.5 Lbs. (2.0 kg)
RCC600	10″ [254 mm]	600 kcmil [26.70 mm]	600 kcmil [26.70 mm]	—	1.25″ [31.75 mm]	1.27 Lbs. (.57 kg)
RCC750HD	10.5″ [267 mm]	750 kcmil [29.36 mm]	750 kcmil [29.36 mm]	—	1.62″ [41.15 mm]	2.43 Lbs. (1.1 kg)
RCC954ACSR1K	22.75″ [578 mm]	1000 kcmil [33.27 mm]	1000 kcmil [33.27 mm]	954 kcmil [30.38 mm]	1.38″ [35.05 mm]	6.5 Lbs. (2.95 kg)
RCC1000	20″ [508 mm]	1000 kcmil [33.27 mm]	1000 kcmil [33.27 mm]	—	2.375″ [60.32 mm]	4.5 Lbs. (2.0 kg)

Blue highlighted items are industry standard and most frequently ordered.

YCUT129ACSR

HYDRAULIC HAND OPERATED CUTTER

The BURNDY® YCUT129ACSR incorporates a specialized latch style cutting head that allows interference-free closure for mid-span cuts. The cutter head rotates 180 degrees to allow users to get into tight areas easier. The YCUT129ACSR weighs only 11.4 pounds, yet delivers 7 tons of cutting force. The YCUT129ACSR with its hardened steel blades is capable of cutting up to 1.29″ diameter bare or insulated copper and aluminum cable, 1113 ACSR, 5/8″ ground rod, 1/2″ rebar and 5/8″ diameter soft steel bolts 1/2″ standard guy strand and up to 3/8″ EHS guy strand.

The YCUT129ACSR comes equipped with a high impact formed carrying case to hold the tool and accessories. The BURNDY® YCUT129ACSR is provided with a 5-year limited warranty (excluding blades).



Features and Benefits

- Patented rapid advance pump.
  - ◊ Faster cuts with less hand strokes.
- Specialized latch head design.
  - ◊ Interference free closure on mid-span cuts.
- Handle trigger drain
  - ◊ For convenient blade retraction.
- Hardened steel blades.
  - ◊ Ability to cut ACSR, ground rods, rebar and guy wire.
- Comfort grip handles.
  - ◊ Help ease fatigue with continuous use.
- 180-degree head rotation.
  - ◊ Versatile head positioning to get into tight areas easier.
- Durable high impact formed carrying case.
  - ◊ Provides tool protection and stores accessories.
- 5-year limited warranty on tool (excluding blades).
  - ◊ Customer satisfaction and support.

SPECIFICATIONS

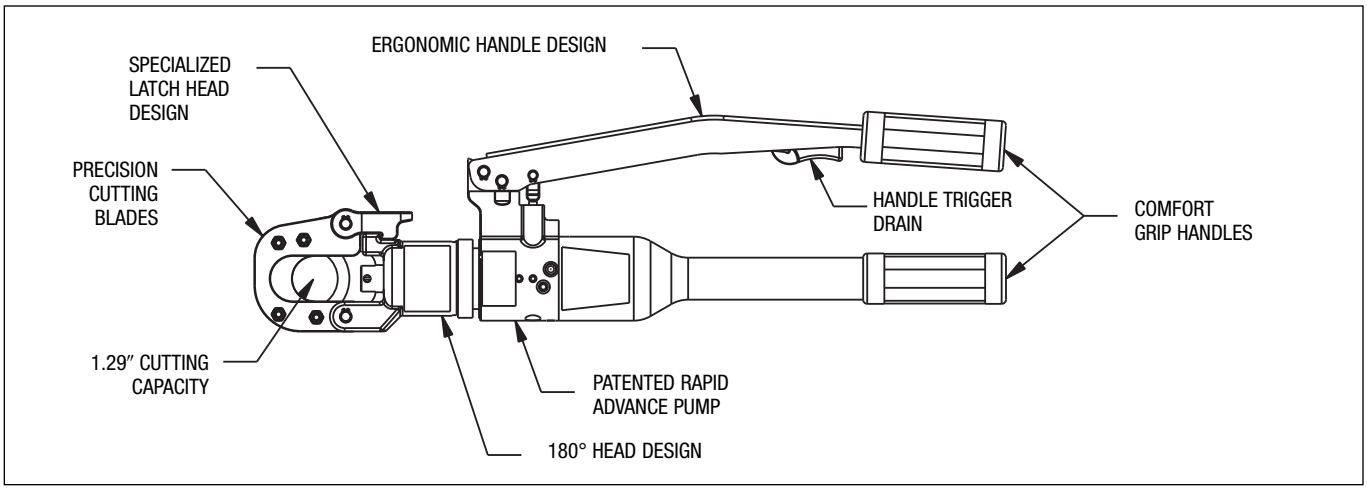
Force Developed: 7 U.S. short tons
Tool Weight: 11.4 lbs. (5.1 kg)
Length: 22.4″ (56.9 cm)
Width: 2.5″ (6.4 cm)
Height: 6.6″ (16.8 cm)

FOR USE ON

- Copper Cable: up to 1.29″
- Aluminum Cable: up to 1.29″
- ACSR: up to 1113 ACSR
- Ground Rod: up to 5/8″
- Rebar: up to 1/2″
- Soft Steel Bolts: up to 5/8″
- Standard Guy Strand: up to 1/2″
- EHS Guy Strand: up to 3/8″

ACCESSORIES

- **Carrying Case:** Cat# **PT10024162**
- **Replacement Blades:**
  Cat# **PT10037388** (Moving Blade)
  Cat# **PT10037384** (Fixed Blade)



Blue highlighted items are industry standard and most frequently ordered.

PATRIOT® PATHCC10-18V SERIES

BATTERY ACTUATED TOOL

Hydraulic Self-Contained Cutter

The BURNDY® PATHCC10-18V series C-head cutter is an innovative compact and mobile cutting tool that allows users to interchange different cutting blades customized for their application. With a "C"-shaped style head and large opening, it's easy to scoop and cut without the need to open or close a latch. The tool head swivels 355° and comes with a retractable assist handle to help maneuver the cutting head into position. The PATHCC10-18V blade alignment technology ensures a clean cut and maximum blade life.

The PATHCC10-18V series tool accommodates four different interchangeable blade types: HCCACSR, HCCSOL, HCCCUAL, and HCCGUY. The PATHCC10-18V series tool comes in a variety of options to include a covered head version (PATHCC10C-18V), and the ability to order the tool with specific blades only. See the table for individual catalog numbers.

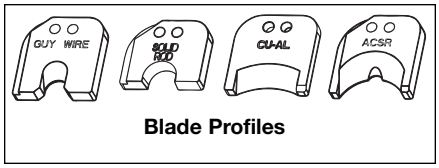
The PATHCC10-18V series cutters operate on 18-volt Ni-MH batteries. Each tool comes equipped with an impact resistant formed carrying case along with a tool retention lanyard, battery charger and two batteries. The carrying case also has pre-formed pockets to house all four blade types. The PATHCC10-18V series tools are provided with a 5-year limited warranty (excluding blades) and a lifetime power-train warranty on the INFINITY DRIVE®. The batteries and charger are provided with a 1-year limited warranty.



Tool Catalog Number	Blade Provided
PATHCC10-18V	HCCACSR, HCCGUY, HCCSOL, HCCCUAL
PATHCC10ACSR-18V	HCCACSR
PATHCC10GUY-18V	HCCGUY
PATHCC10SOL-18V	HCCSOL
PATHCC10CUAL-18V	HCCCUAL
PATHCC10*	None

* The PATHCC10 is an economical solution for those customers already set up with batteries and chargers. The PATHCC10 is strictly the tool and carrying case; it does not include blades, batteries or a charger. Order blades separately.

Each BURNDY® HCC blade kit is designed specifically for the material it is intended to cut. Each blade is made from high strength tool steel and then hardened to ensure a long life. Each blade kit comes complete with screws and wrench for installation. The HCCGUY and HCCSOL blade kits are also provided with a blade holder. This holder provides additional support when cutting. The blade table points out the materials each blade is designed to cut.



Blade Profiles

SPECIFICATIONS

Tool Weight: 20.4 lbs
Length: 21.4″
Width: 3.7″
Height: 12.8″
Operating Voltage: 18V
Recharge Time: < 45 minutes

FOR USE ON

Reference Blade Table

- ACSR: up to 1590 (Falcon)
- EHS guy strand: up to 9/16″
- Standard guy strand: up to 9/16″
- Ground Rod: up to 3/4″
- Rebar: up to 5/8″
- Soft steel bolts: up to 5/8″
- Copper: up to 1.50″
- Aluminum: up to 1.50″

ACCESSORIES

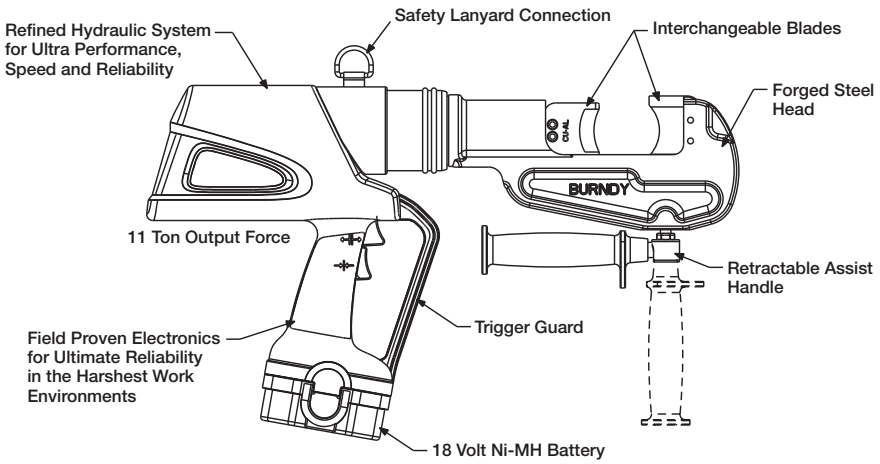
Battery: Cat# **BAT18V**
Hi-capacity 18V (2.6AH)

Chargers:
120V-AC Cat# **PATCHGR18V**
12/24V-DC Cat# **BCT/PATDCCHGR**
240/250V-AC Cat# **PATCHGR250V**

Blade Table		
Catalog Number	**Cutting Material**	**Max. O.D.**
HCCACSR	ACSR	1590 kcmil
HCCCUAL	Cu & Al	1.5″ (38 mm)
HCCSOL	Ground Rod	3/4″ (19 mm)
	Rebar	5/8″ (16 mm)
	Soft Steel Bolts	5/8″ (16 mm)
HCCGUY	Std. Guy Wire	9/16″ (14 mm)
	EHS Guy Wire	9/16″ (14 mm)

The HCCSOL and HHCGUY blade kits include a blade holder for the stationary blade. To order replacement blades without the blade holder order catalog number HCCSOLRPLBLDS or HCCGUYRPLBLDS.

N-59



Blue highlighted items are industry standard and most frequently ordered.

PATRIOT®
PATCUT129ACSR-18V

BATTERY ACTUATED TOOL

Hydraulic Self-Contained Cutter

The BURNDY® PATCUT129ACSR-18V battery powered cutting tool is compact, fast, easy to use and incorporates the latest in battery tool technology. The ergonomic design allows one hand operation so that the other is free to manipulate the conductor in the proper cutting position. The PATCUT129ACSR-18V incorporates a specialized latch style cutting head that allows interference-free closure for mid-span cuts. The cutter head rotates 180 degrees to allow users to get into tight areas easier. The PATCUT129ACSR-18V is capable of cutting up to 1.29″ diameter copper and aluminum cable, 1113 ACSR, 5/8″ ground rod, 1/2″ rebar, 5/8″ diameter soft steel bolts, up to 1/2″ standard guy strand, and up to 3/8″ EHS guy strand.

The PATCUT129ACSR-18V operates on industry standard 18-volt Ni/MH batteries that eliminate voltage depression or “memory” issues. The PATCUT129ACSR-18V comes equipped with a high impact formed carrying case to hold the tool, a tool retention lanyard, a battery charger and two batteries. The PATCUT129ACSR-18V is provided with a 5-year limited warranty (excluding blades), and 1-year on batteries and charger.



Features and Benefits

- Battery powered cutting technology.
  - ◇ Easy tool operation and portability.
- Advance design high-speed pump completes tough cuts faster.
  - ◇ Longer life, efficiency, and reliability.
- Specialized latch head design.
  - ◇ Interference free closure for mid-span cuts.
- Ergonomic design allows one hand operation.
  - ◇ User has one hand free to manipulate material to be cut.
- 180 degree head rotation.
  - ◇ Versatile head positioning allows user to get into tight areas easier.
- Mechanical ram release.
  - ◇ Reliable ram release (no battery power consumption).
- Operates on 18 volt Ni-MH batteries.
  - ◇ Eliminates voltage depression or ”memory” issues.
- Durable high impact formed carrying case.
  - ◇ Provides tool protection and stores all accessories.
- 5-year limited warranty on tool (excluding blades) and 1 year on batteries and charger.
  - ◇ Customer satisfaction and support.

SPECIFICATIONS

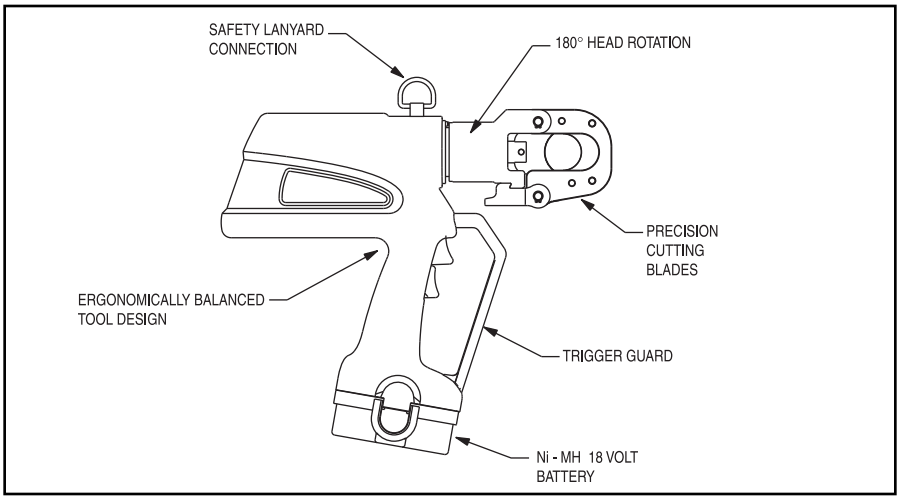
Tool Weight:	11 lbs.
Length:	14.5″
Width:	3.5″
Height:	13.5″
Operating Voltage:	18 V-DC
Recharge Time:	< 45 mins.

FOR USE ON

- Copper Cable: up to 1.29″
- Aluminum Cable: up to 1.29″
- ACSR: up to 1113 ACSR
- Ground Rod: up to 5/8″
- Rebar: up to 1/2″
- Soft Steel Bolts: up to 5/8″
- Standard Guy Strand: up to 1/2″
- EHS Guy Strand: up to 3/8″

ACCESSORIES

- **Lanyard:** Cat# **PT208620**
- **Battery:**
  Hi-capacity (2.6 AH) Cat# **BAT18V**
- **Charger:**
  120V-AC Cat# **PATCHGR18V**
  12/24V-DC Cat# **BCT/PATDCCHGR**
  240/250V-AC Cat# **PATCHGR250V**
- **Replacement Blades:**
  Cat# **PT10037388** (Moving Blade)
  Cat# **PT10037384** (Fixed Blade)



Blue highlighted items are industry standard and most frequently ordered.

PATRIOT® PATCUT245CUAL-18V

BATTERY ACTUATED TOOL

Hydraulic Self Contained Cutter

The BURNDY® PATCUT245CUAL-18V battery powered cutting tool is compact, fast, easy to use and incorporates the latest in battery tool technology. The ergonomic design allows one hand operation so that the other is free to manipulate the conductor in the proper cutting position. The PATCUT245CUAL-18V incorporates a specialized latch style cutting head that allows interference-free closure for mid-span cuts. The cutter head rotates 180 degrees to allow users to get into tight areas easier. The PATCUT245CUAL-18V is capable of cutting up to 2.45″ diameter copper and aluminum cable.

The PATCUT245CUAL-18V operates on industry standard 18-volt Ni/MH batteries that eliminate voltage depression or "memory" issues. The PATCUT245CUAL-18V comes equipped with a high impact formed carrying case to hold the tool, a tool retention lanyard, a battery charger and two batteries. The PATCUT245CUAL-18V is provided with a 5-year limited warranty (excluding blades), and 1-year on batteries and charger.



Features and Benefits

- Battery powered cutting technology.
  - ◊ Easy tool operation and portability.
- Advance design high-speed pump completes tough cuts faster.
  - ◊ Longer life, efficiency, and reliability.
- Specialized latch head design.
  - ◊ Interference free closure for mid-span cuts.
- Ergonomic design allows one hand operation.
  - ◊ User has one hand free to manipulate material to be cut.
- 180-degree head rotation.
  - ◊ Versatile head positioning allows user to get into tight areas easier.
- Mechanical ram release.
  - ◊ Reliable ram release (no battery power consumption).
- Operates on 18-volt Ni/MH batteries.
  - ◊ Eliminates voltage depression or "memory" issues.
- Durable high impact formed carrying case.
  - ◊ Provides tool protection and stores all accessories.
- 5-year limited warranty on tool (excluding blades) and 1-year on batteries and charger.
  - ◊ Customer satisfaction and support.

SPECIFICATIONS

Tool Weight:	14.5 lbs. (5.4 kg) With Battery
Length:	18″ (45.7 cm)
Width:	3.75″ (9.5 cm)
Height:	14.75″ (37.5 cm)
Operating Voltage:	18 V-DC
Recharge Time:	< 45 mins.

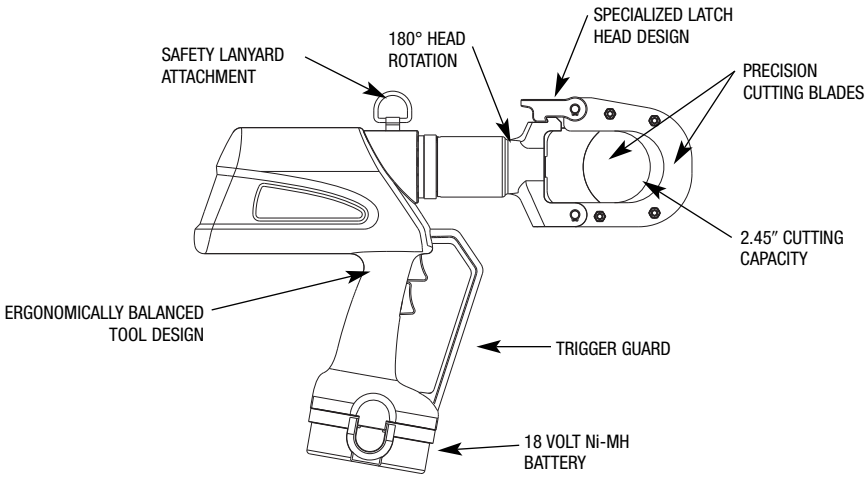
FOR USE ON

Copper and Aluminum Cable:	Up to 2.45″ O.D (62.2 mm)

For Copper and Aluminum cable only. Do not cut steel, ground rod, rebar, or guy wire.

ACCESSORIES

- **Carrying Case:** Cat# **PT10044980**
- **Lanyard:** Cat# **PT208620**
- **Battery:**
  Hi-capacity (2.6 AH) Cat# **BAT18V**
- **Charger:**
  120V-AC Cat# **PATCHGR18V**
  12/24V-DC Cat# **BCT/PATDCCHGR**
  240/250V-AC Cat# **PATCHGR250V**
- **Replacement Blades:**
  Cat# **PT10038657** (Moving Blade)
  Cat# **PT10040663** (Fixed Blade)



Blue highlighted items are industry standard and most frequently ordered.

BCC1000CUAL

BATTERY ACTUATED CABLE CUTTER

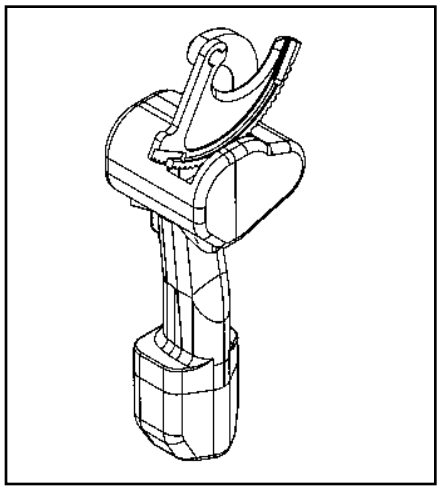
The BURNDY® BCC1000CUAL is a 12-V-DC battery actuated cable cutter capable of cutting up to 750 kcmil hard drawn copper cable, and up to 1000 kcmil soft drawn copper and up to 2″ O.D. aluminum cable. DO NOT CUT STEEL or ACSR. The BCC1000CUAL comes with battery powered cutting tool, sealed nickel cadmium 12V battery, 120V AC charger, carrying case, and wrist loop which provides added security when making cuts overhead.

The BURNDY® BCC1000CUAL is designed to cut copper and aluminum cables in a limited amount of space. The BCC1000CUAL makes fast reliable cuts without stress to the user. Just squeeze the trigger and it will cut through your toughest copper and aluminum cables. The BCC1000CUAL has a three-way switch (forward, reverse, and neutral) which allows the user to make partial cuts, back off cables, or make adjustments during cutting.

The battery charge time is approximately 1 hour for a fast charge (80%), 4 to 6 hours for a quick charge, and 14 to 16 hours for a standard charge (100%). The 12V battery can be recharged approximately 1,000 times.

The BCC1000CUAL (excluding cutting blades) is warranted to be free of defects in material and workmanship for a period of 90 days, except in the case of abuse or modification.





FEATURES

- Hook head design.
- Three way switch.
- Hardened steel blades.
- Ergonomic design.
- Wrist loop.

BENEFITS

- Simplifies conductor cutting and allows working in tight spaces.
- Allows backing off cable, partial cuts, and adjusting during cutting.
- Helps ensure consistent cuts and longer blade life.
- Prevents hand/wrist injury.
- Withstands rugged use. Resists oil and solvents.
- Added security when cutting cables overhead.

ACCESSORIES

Catalog Number	Item Description
BCCBAT12V	BCC1000CUAL Battery
BCCCHGR	BCC1000CUAL Charger
BCCCASE	BCC1000CUAL Carrying Case
RP50RP03	BCC1000CUAL Moving Blade
RP50RP02	BCC1000CUAL Fixed Blade

SPECIFICATIONS

Cutting Tool

Specifications	Description
Drive Unit:	12.0V DC Motor
Dimensions:	4″L × 4.5″W × 14.5″ H
Weight:	6 lbs.
Cutting Capacity:	1000 kcmil soft drawn copper, 750 kcmil hard drawn copper and up to 2″ O.D. aluminum

Battery

Specifications	Description
Battery Type:	Sealed nickel cadmium
Voltage:	12.0V DC
Rated Capacity:	1.2A/hr
Charge Time:	Fast, approx. 1 hour Quick, 4-6 hours Standard, 14-16 hours
Dimensions:	2.75″L × 2.7″W × 4.75″H
Weight:	1.4 lb.

Battery Charger

Specifications	Description
Input Voltage:	120V AC
Input Frequency:	60 Hz
Input Current:	110/120V
Dimensions:	5.7″L × 3″W × 2.8″H
Weight:	2.2 lbs.

FOR USE ON

Maximum conductors accommodated:
750 kcmil hard drawn copper
1000 kcmil soft drawn copper
1000 kcmil alumimum

Blue highlighted items are industry standard and most frequently ordered.

RHCC129ACSR

10,000 PSI Remote Cable Cutter

Remote Power Operated Hydraulic Cable Cutter

The BURNDY® RHCC129ACSR remote hydraulic cable cutter incorporates a specialized latch style cutting head that allows interference-free closure for mid-span cuts. The RHCC129ACSR with its precision cutting blades is capable of cutting up to 1.29″ diameter bare or insulated copper and aluminum cable, 1113 ACSR, 5/8″ ground rod, 1/2″ rebar, 5/8″ diameter soft steel bolts, 1/2″ standard guy strand, and up to 3/8″ EHS guy strand.

The RHCC129ACSR is provided with a 5-year limited warranty (excluding blades).



Features and Benefits

- Specialized latch head design.
  - ◊ Interference free closure for mid-span cuts.
- Precision cutting blades.
  - ◊ For clean cuts on Cu/Al, ACSR, ground rods, rebar, guy strand, and soft steel bolts.
- High strength steel cylinder.
  - ◊ For durability and long life.
- Lightweight ergonomic design allows one hand operation.
  - ◊ User has one hand free to manipulate material to be cut.
- Durable canvas carrying bag.
  - ◊ Provides tool protection and stores all accessories.
- 5-year limited warranty on tool (excluding blades).
  - ◊ Customer satisfaction and support.

SPECIFICATIONS

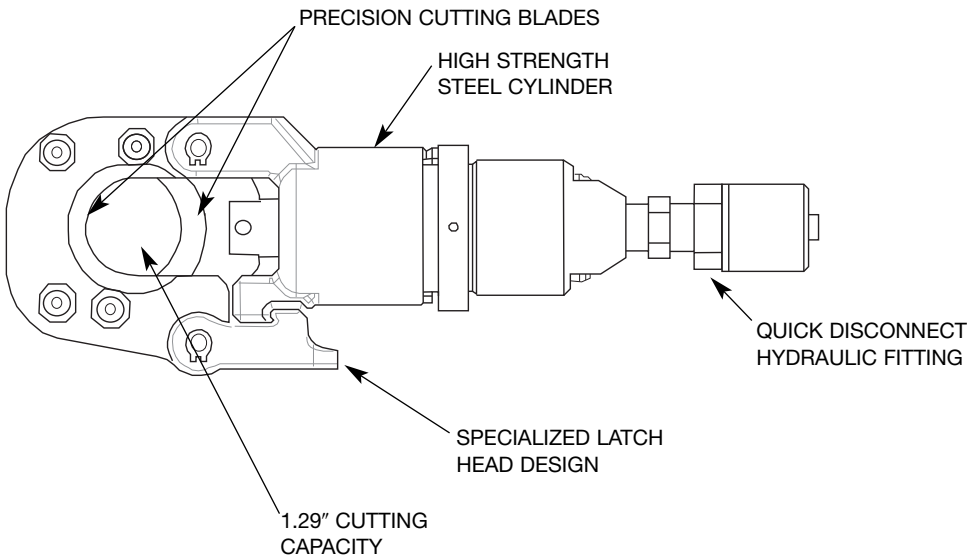
Operating Pressure: 10,000 psi (700 bar)
Tool Weight: 5.85 lbs. (2.65 kg)
Length: 11.25″ (286 mm)
Width: 3.7″ (94 mm)

FOR USE ON

- Copper Cable: up to 1.29″
- Aluminum Cable: up to 1.29″
- ACSR: up to 1113 ACSR
- Ground Rod: up to 5/8″
- Rebar: up to 1/2″
- Soft Steel Bolts: up to 5/8″
- Standard Guy Strand: up to 1/2″
- EHS Guy Strand: up to 3/8″

ACCESSORIES

Canvas Bag:	Cat# **PT10043890**
Replacement Blades:	Cat# **PT10037388** (Moving Blade)
	Cat# **PT10037384** (Fixed Blade)
Hot Stick Adapter:	Cat# **RHCCHSA**



Blue highlighted items are industry standard and most frequently ordered.

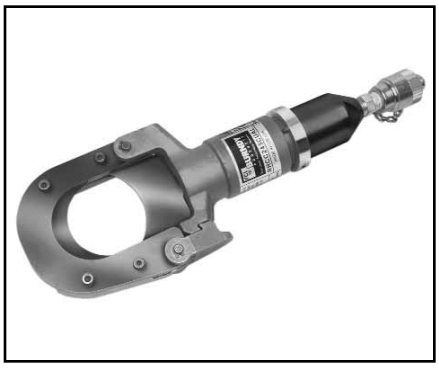
RHCC245CUAL

10,000 PSI Remote Cable Cutter

Remote Power Operated Hydraulic Cable Cutter

The BURNDY® RHCC245CUAL remote hydraulic cable cutter incorporates a specialized latch style cutting head that allows interference-free closure for mid-span cuts. The RHCC245CUAL with its precision cutting blades is capable of cutting up to 2.45″ diameter copper and aluminum cable.

The RHCC245CUAL is provided with a 5-year limited warranty (excluding blades).



Features and Benefits

- Specialized latch head design.
  - ◊ Interference free closure for mid-span cuts.
- Precision cutting blades.
  - ◊ For clean cuts on copper and aluminum cable.
- High strength steel body.
  - ◊ For durability and long life
- Lightweight ergonomic design allows one hand operation.
  - ◊ User has one hand free to manipulate material to be cut.
- Durable canvas carrying bag.
  - ◊ Provides tool protection and stores all accessories.
- 5-year limited warranty on tool (excluding blades).
  - ◊ Customer satisfaction and support.

SPECIFICATIONS

Operating Pressure: 10,000 psi (700 bar)
Tool Weight: 8.3 lbs. (3.8 kg)
Length: 14.8″ (376 mm)
Width: 4.75″ (121 mm)

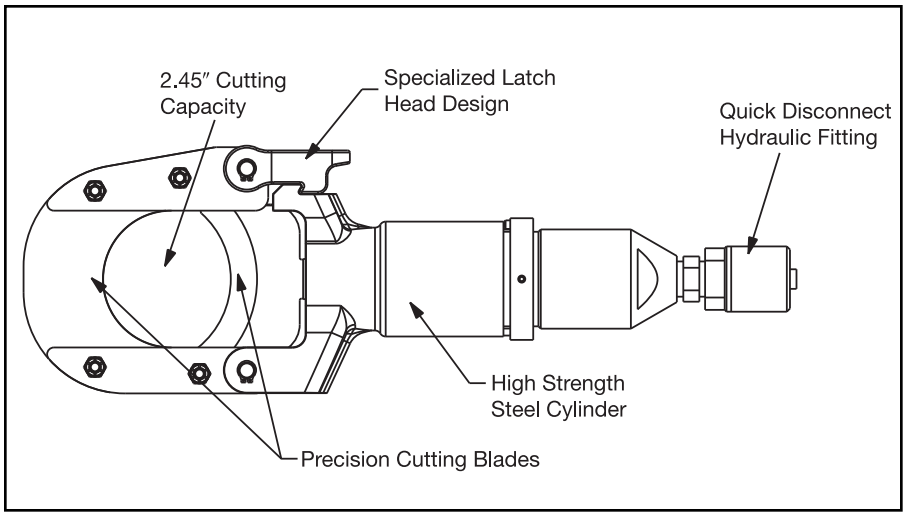
FOR USE ON

Copper & Aluminum 2.45″ O.D. (62 mm)

ACCESSORIES

Canvas Bag: Cat# **PT10054094**

Replacement Blades: Cat# **PT10038657** (Moving Blade)
Cat# **PT10040663** (Fixed Blade)



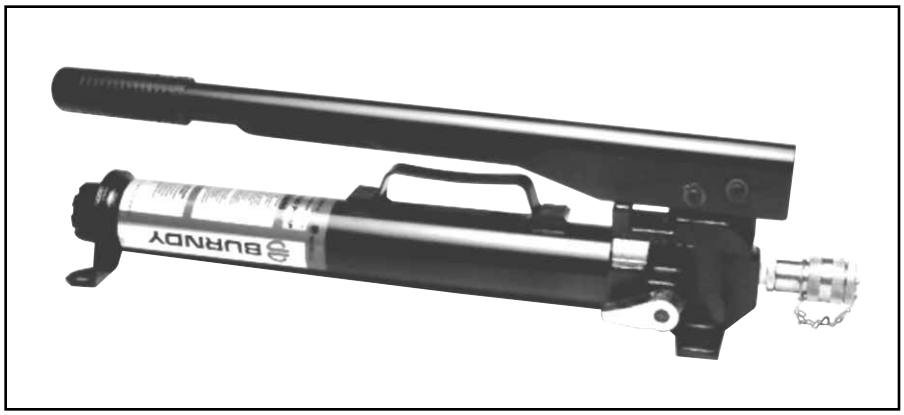
Blue highlighted items are industry standard and most frequently ordered.

HP10, HP8, AND HP6

HP Series Manual Hydraulic Hand Pumps

Hydraulic Output Pressures of 10,000 PSI, 8,800 PSI, and 6,000 PSI

Hand pumps are designed to match the output pressure requirements of HYPRESS™ heads and cutters. Each pump is equipped with a built-in, factory set pressure release valve with audible click to signal completion of crimp cycle.



BENEFITS

- Durable, long life expectancy.
- Easy to transport and move tool around job site with built in handle.
- Maximum mechanical advantage provided with long handle.
- Solid tool base provided with sturdy broad leg stabilizers.
- Save time with quick disconnect hydraulic fitting.
- High quality crimps provided with built-in, factory set pressure release valve and audible click to signal completion of crimp.
- 5-year limited warranty.

SPECIFICATIONS

Reservoir volume:	1-1/8 qts.
Length:	24-3/4″
Width:	5″
Weight:	18 lbs.
Closed height:	6-3/4″
Height (with handle open):	20″

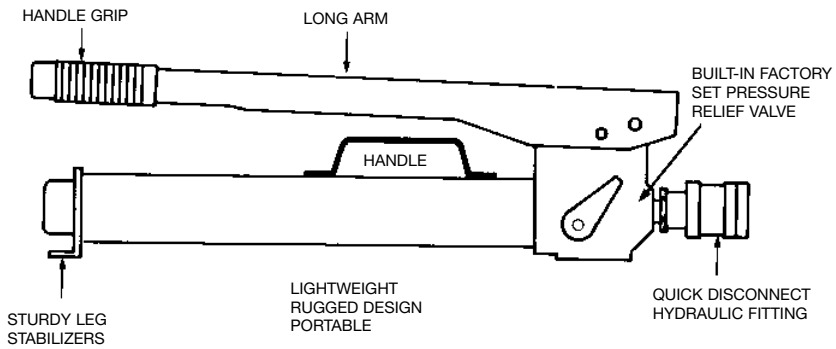
FOR USE ON

HP10	10,000	Y34BH, Y35BH, Y35BH-4, Y750BH, Y750BH-2, Y39BH, Y45, Y46C, Y46, Y60BHU, RHCC Series Cutters
HP8	8,800	Y48BH
HP6	6,000	Y35-L

ACCESSORIES

Extended leg pad stablilizes (w/hardware)
Cat # **BP10PADKIT**

FEATURES



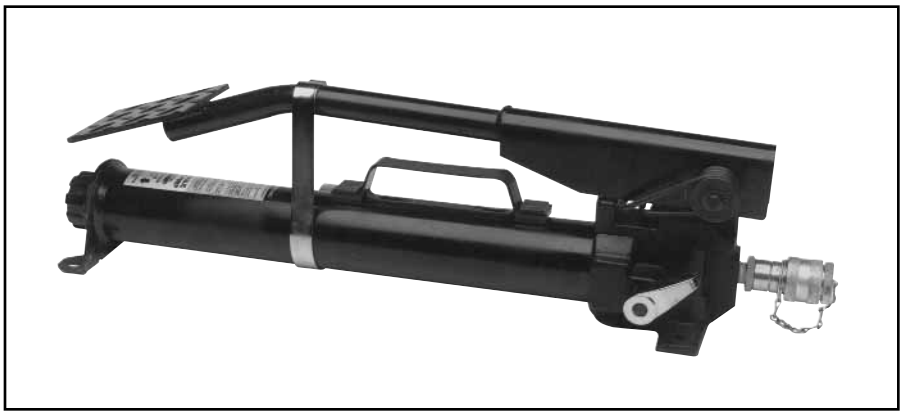
Blue highlighted items are industry standard and most frequently ordered.

FP10, FP8, AND FP6

FP Series Manual Hydraulic Foot Pumps

Hydraulic Output Pressures of 10,000 PSI, 8,800 PSI, and 6,000 PSI

Foot pumps are designed to match the output pressure requirements for use with all HYPRESS™ heads and cutters. Each pump is equipped with a built-in, factory set pressure release valve with audible click to signal completion of a crimp cycle.



BENEFITS

- Easy to lift and carry.
- Durable. Long life expectancy.
- Easy to transport and move tool around job site with built in handle.
- Easy operation provided with spring assisted return arm.
- Maximum mechanical advantage provided with long arm extending beyond pump body.
- Quality, heavy duty foot pad provided with diamond plate steel.
- Solid tool base provided with sturdy broad leg stabilizers.
- Time saving quick disconnect hydraulic fitting.
- High quality crimps provided with factory set pressure release valve with audible click to signal completion of crimp.
- 5-year limited warranty.

SPECIFICATIONS

Reservoir volume: 1-1/8 qts.
Length: 24-3/4″
Width: 5″
Weight: 19 lbs.
Closed height: 6-1/2″
Height (with handle open): 17″

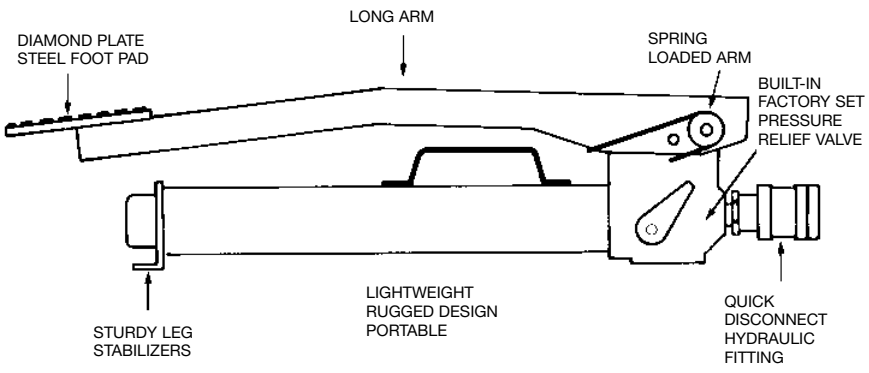
FOR USE ON

FP-10	10,000	Y34BH, Y35BH, Y35BH-4, Y750BH, Y750BH-2, Y39BH, Y45, Y46C, Y46, Y60BHU, Y750BH, RHCC Series Cutters
FP-8	8,800	Y48BH
FP-6	6,000	Y35-L

ACCESSORIES

Extended leg pad stablilizes (w/hardware)
Cat # **BP10PADKIT**

FEATURES



Blue highlighted items are industry standard and most frequently ordered.

Y10AC9

Electric Hydraulic Pump

Hydraulic Output Pressure of 10,000 PSI

The Y10AC9 electric hydraulic pump is for use with all HYPRESS™ heads and cutters requiring 10,000 PSI operating pressure.The Y10AC9 is equipped with a built-in, factory set pressure relief valve. An audible “pop” and recycling of the pump as well as relaxing of the hose signal completion of the crimping/cutting cycle. Pump is supplied with a durable hand-held electric pendant switch.



Specifications

Motor: 115V AC 50/60 Hz
5/8 HP, 10,000 rpm
11 amp current draw
Reservoir Volume: 1.61 quarts
Height: 14.38″
Base: 6.5″ × 8.25″
Weight: 28 lbs. (with oil)

FOR USE ON

Y34BH, Y35BH, Y35BH4, Y39BH, Y45, Y46, Y46C, Y750BHXT, Y750CBHXT, Y644MBH, Y4PC834MBH, Y81KFTMBH, Y60BHU, RHCC129ACSR, RHCC245CUAL

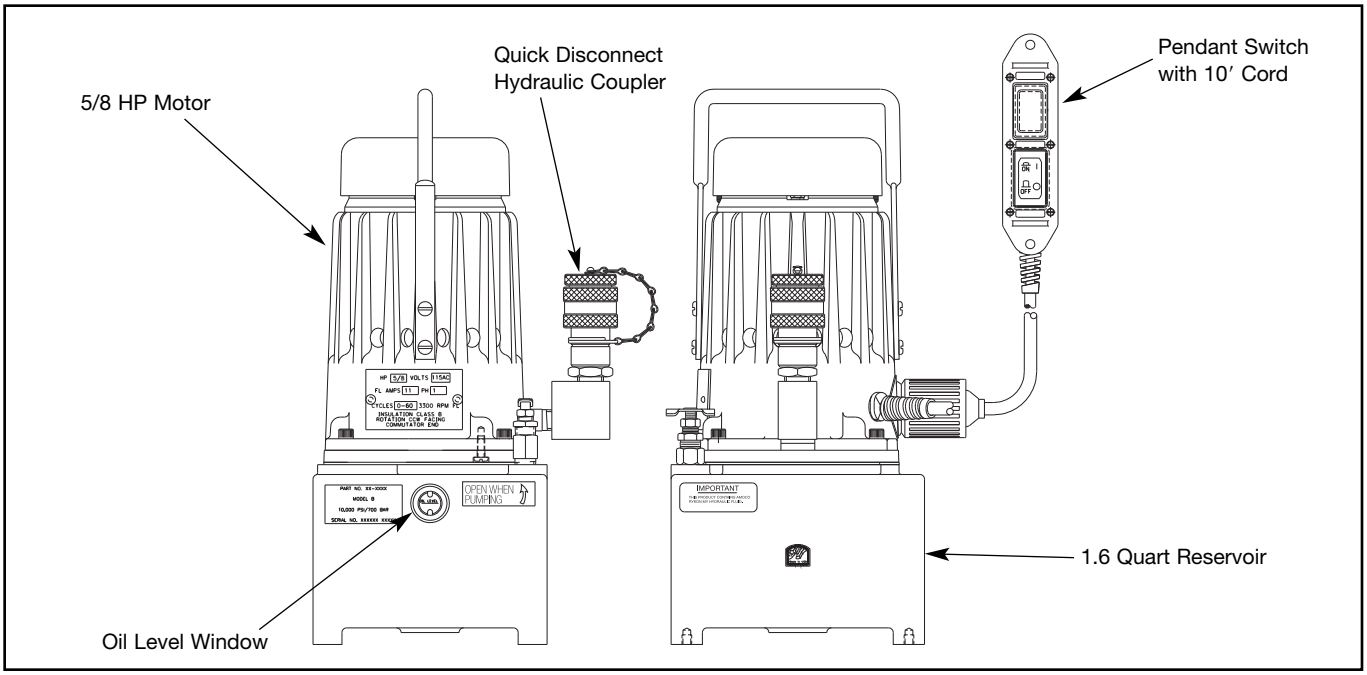
ACCESSORIES

Catalog Number: **YAC-CASE**
Steel carrying case with handle and locking latch.

Features and Benefits

- Lightweight, small size.
  - ◊ Easy to lift, carry and transport tool around job site with lightweight body and handle.
- Factory set relief valve.
  - ◊ High quality crimps are achieved with built-in, factory set pressure relief valve and audible recycling of pump to signal completion of crimp cycle.
- 100,000 (+) life cycles.
  - ◊ Long durable life expectancy with lightweight cast aluminum reservoir body.
- Convenient 115V AC electric powered motor.
- Saves time with quick disconnect hydraulic fitting.
- Sealed electric pendant switch.
  - ◊ Easy operation with durable remote pendant switch with 10-foot cord.
- 5-year limited warranty.

The BURNDY® **Y10AC9OEM** is an additional electric hydraulic pump offering that comes equipped with a foot switch and “jog-and-hold” feature. Keep both hands on the connection with the Y10AC9OEM pump kit. For further details please contact customer service.



Blue highlighted items are industry standard and most frequently ordered.

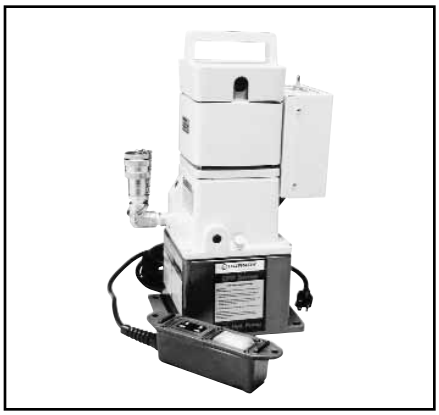
EPP10 AND EPP6

EPP Series
Electric/Hydraulic Pump

Hydraulic Output Pressures of 10,000 PSI and 6,000 PSI

The lightweight and durable EPP10 electric/hydraulic pump is for use with all BURNDY® HYPRESS™ remote heads and cutters requiring 10,000 PSI operating pressure. Both the EPP10 and the EPP6 are equipped with a built-in, factory set pressure relief valve. An audible "pop" and recycling of the pump and relaxing of the hose, signals completion of the crimping/cutting cycle. Both pumps are supplied with a durable hand-held electric pendant switch, for remote operation of the unit, and have a manual selection switch mounted for operation of the unit at the pump. The operator can select which method is best suited for the application.

An optional carry/shipping case can be ordered. All EPP Series pumps have been life cycle tested to over 100,000 cycles without failure, and are warranted to be free of defects in materials and workmanship for five (5) years when properly maintained and operated.



FEATURES

- Lightweight.
- Small size.
- Factory set relief valve.
- 100,000 (+) life cycles.
- Sealed electric pendant switch.

BENEFITS

- High quality crimps are achieved with built in, factory set pressure release valve and audible recycling of pump to signal completion of crimp cycle.
- Easy to lift, carry and transport tool around job site with lightweight body and handle.
- Convenient 115 V-AC electric powered motor.
- Durable remote pendent switch.
- Easy operation controlled with pendent switch, or manual switch.
- Saves time with quick disconnect hydraulic fitting.
- Long durable life expectancy with lightweight cast aluminum reservoir body.
- 5-year limited warranty.

SPECIFICATIONS

Motor:	115 V-AC/60 Hz 1/2 HP @ 3450 RPM
Maximum current draw:	12.5 amperes
Reservoir volume:	2 qts.
Height:	16″
Base:	6″ × 8″
Weight:	30 lbs.

FOR USE ON

EPP10	10,000	Y34BH, Y35BH, Y35BH-4, Y39BH, Y45, Y46, Y46C, Y60BHU, 750BH, Y750BH-2, Y644MBH, RHCC Series Cutters
EPP6	6,000	Y35L, Y28B

ACCESSORIES

Cat. No. **EPPCASE-1**
Steel carrying case with handle and locking latch.

EPAC10, EPAC8, AND EPAC6

EPAC Series Electric/Hydraulic Pump, Air Control

Hydraulic Output Pressures of 10,000 PSI, 8,800 PSI, and 6,000 PSI

The EPAC10, EPAC8, and EPAC6 electrically driven hydraulic pumps feature exclusive automatic or manual "jog and hold" operation control provided by a unique air control switch, which provides the safest operation method of any pump available. All EPAC's are remotely controlled by an improved air control switch which electrically isolates the operator from the unit, and can be operated by either hand or foot activation. A three (3) position toggle switch mounted on the control box allows the operator to select either full automatic, off, or manual operation.

The automatic mode advances the remote tool into a "hold" position without crimping the connector so the operator can inspect the orientation before completing the crimp. Once the crimp is completed, the pump automatically turns the pump off, allowing the retraction of the remote tool and resets itself for the next operation.

The manual position allows the operator to jog the tool forward without the tool ram retracting. To retract the tool prior to completing the crimp, turn the control switch to "off," the pump will stop and the tool will retract. In the manual mode the pump advances only while the control is being depressed. To complete a crimp, squeeze and hold the air control switch until the pump reaches the pre-set pressure and shuts off.

The EPAC Series of electrically driven hydraulic pumps incorporate a heavy-duty roll cage design that is both rugged and portable. All EPAC Series pumps have been life cycle tested to over 100,000 cycles without failure, and are warranted to be free of defects in material and workmanship for five (5) years when properly maintained and operated.



FEATURES

- Roll cage
- 3 position switch and control box
- Factory set output pressure
- Quick disconnect hydraulic coupler
- Oil level window
- 8 quart reservoir

BENEFITS

- Permits final inspection of connector before completing crimp cycle.
- Extra supply hydraulic fluid 8-quart reservoir.
- Full automatic or manual "Jog and Hold" cycles.
- Operator safety with power loss "smart circuit," freezes unit in event of power disruption.
- Method of operation desired is permitted with 3-position selection switch.
- Safety is provided against hazardous shock with airbulb actuator and air line.
- Saves time with quick disconnect hydraulic fitting.
- Windows allows easy inspection of proper oil level.
- High quality crimps are achieved with built-in factory set pressure release valve.
- 5-year limited warranty.

SPECIFICATIONS

Motor:	1/2 HP 115/230 V-AC, 60 Cycle
Maximum current draw:	10 amperes
Reservoir volume:	8 quarts max., 2 quarts min.
Height:	17-1/2″
Base:	11-3/4″ × 18-1/2″
Dry weight:	68 lbs. (82 lbs. w/max. fluid)

(1/2 Hp @ 3450 RPM)

FOR USE ON

EPAC10	10,000	Y34BH, Y35BH,
EPAC-8	8,800	Y48BH
EPAC-6	6,000	Y35L

Blue highlighted items are industry standard and most frequently ordered.

EP10, EP10-2, EP8, AND EP6

EP SERIES ELECTRIC/ HYDRAULIC PUMPS

Hydraulic Output Pressures of 10,000 PSI, 8,800 PSI, and 6,000 PSI

Electrically driven hydraulic pumps are supplied with a durable, hand-held electric pendent switch that remotely controls the pump and matches the output requirements of all HYPRESS™ remote heads and cutters. Each pump is equipped with a built-in, factory set, pressure relief valve. An audible "pop" and recycling of the pump and relaxing of the hose, signals completion of the crimping/cutting cycle.

All EP series pumps are supplied with 115/230 - 220/230 voltage, 60/50 hertz, 1/2 horsepower motor and can be wired for use with any electric power source worldwide. A three prong, grounded plug is wired standard on the units. All EP Series pumps have been life cycle tested to over 100,000 cycles without failure, and are warranted to be free of defects in materials and workmanship for five (5) years when properly maintained and operated.



BENEFITS

- Provides fast sure pump action plus a long life expectancy.
- It's portable. Roll cage allows easy moving on the job site.
- Durable 1/2 HP dual voltage motor.
- Extra supply of hydraulic fluid with 8 quart reservoir.
- Saves time with quick-disconnect hydraulic fitting.
- Easy operator control is provided with remote pendent switch.
- Easy inspection of proper oil level is provided by see through window.
- High quality crimps are achieved with built-in, factory set, pressure release valve and audible recycling of pump which signals completion of crimp.
- 5-year limited warranty.

SPECIFICATIONS

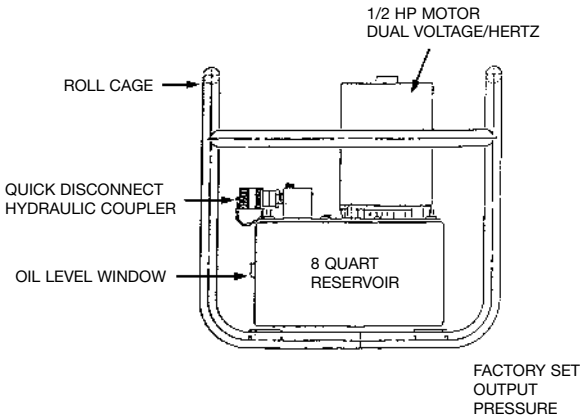
Motor:	1/2 HP 115/230 V-AC, 60 cycle
(EP**-2 versions):	1/2 HP 220/230 V-AC, 50 cycle
Maximum current draw:	10 amperes
Reservoir volume:	8 quarts max., 2 quarts min.
Height:	17-1/2″
Base:	11-3/4″ × 18-1/2″
Dry weight:	68 lbs. (86 lbs. with max. fluid)

(1/2 Hp @ 3450 RPM)

FOR USE ON

EP10	10,000	Y34BH, Y35BH, Y35BH-4,
EP10-2		Y39BH, Y45, Y46, Y46-C, Y60BHU, Y750BH, Y750BH-2, RHCC Series Cutters
EP8	8,800	Y48BH
EP6	6,000	Y35L

FEATURES



Blue highlighted items are industry standard and most frequently ordered.

EP10-1HP AND EP10-1HP-2

EP-1HP SERIES ELECTRIC/ HYDRAULIC PUMPS

Hydraulic Output Pressures of 10,000 PSI, 8,800 PSI, and 6,000 PSI

Heavy duty electrically driven hydraulic pumps are supplied with a durable, hand-held electric pendent switch that remotely controls the pump and matches the output requirements of all HYPRESS™ remote heads and cutters. Each pump is equipped with a built-in, factory set, pressure relief valve. An audible “pop” and recycling of the pump and relaxing of the hose, signals completion of the crimping/cutting cycle.

All EP-1HP series pumps are supplied with 115/230 - 220/230 voltage, 60/50 hertz, 1 horsepower motors and can be wired for use with any electric power source worldwide. A three prong, grounded plug is wired standard on the units. All EP-1HP Series pumps have been life cycle tested to over 100,000 cycles without failure, and are warranted to be free of defects in materials and workmanship for five (5) years when properly maintained and operated.



FEATURES

- Heavy duty design.
- Roll cage.
- Quick disconnect hydraulic coupler.
- Oil level window.
- 8 quart reservoir.
- Factory set output pressure.
- 1 HP motor dual voltage/hertz.

BENEFITS

- Provides fast sure pump action plus a long life expectancy.
- Its portable roll cage allows easy moving on the job site.
- Strong durable motor provided with (1) H.P. dual voltage design.
- Extra supply of hydraulic fluid with 8 quart reservoir.
- Saves time with quick-disconnect hydraulic fitting.
- Easy operator control is provided with remote pendant switch.
- Easy inspection of proper oil level is provided by see through window.
- High quality crimps are achieved with built-in, factory set, pressure release valve and audible recycling of pump which signals completion of crimp.
- 5-year limited warranty.

SPECIFICATIONS

Motor:	1 HP 115/230 V-AC, 60 cycle
(EP**-2 versions):	1/2 HP 220/230 V-AC, 50 cycle
Maximum current draw:	10 amperes
Reservoir volume:	8 quarts max., 2 quarts min.
Height:	17-1/2″
Base:	11-3/4″ × 18-1/2″
Dry weight:	68 lbs. (86 lbs. with max. fluid)
(1/2 Hp @ 3450 RPM)	

FOR USE ON

EP10-1HP	10,000	Y34BH, Y35BH,
EP10-1HP-2		Y35BH-4, Y39BH, Y45, Y46, Y46-C, Y60BHU, Y750BH, Y750BH-2, RHCC Series Cutters

Blue highlighted items are industry standard and most frequently ordered.

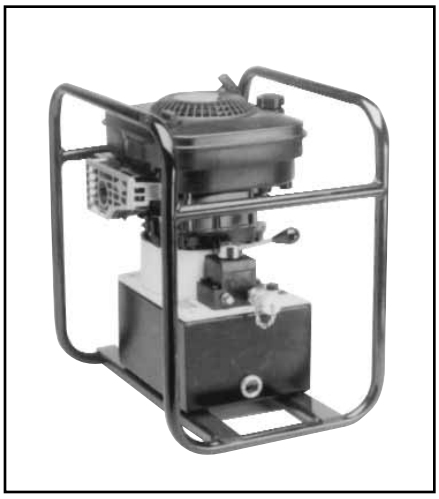
GP10

GP Series Gasoline Engine Driven Hydraulic Pump

Hydraulic Output Pressures of 10,000 PSI

The GP series gasoline engine driven hydraulic pump is a heavy-duty design that is rugged and portable. Supplied with a four (4) H.P. engine, the pump operates all BURNDY® remote compression heads and cable cutters.

All GP style pumps have a built-in, factory pre-set, automatic pressure release overload valve with a definite pulsing and recycling to signal the completion of a crimp. The manual control valve allows user to "Jog and Hold" due to the unique check valve design that keeps pressure in the output line until retracted.



BENEFITS

- Portable pump with sturdy steel roll cage.
- Durable heavy-duty four (4) H.P. engine for all HYPRESS™ applications and long life expectancy.
- Manual control valve permits easy control of crimping or cutting operations.
- Fast hose assembly with quick disconnect pressure matched hydraulic couplers.
- Ample hydraulic capacity with (8) quart reservoir.
- 5-year limited warranty.

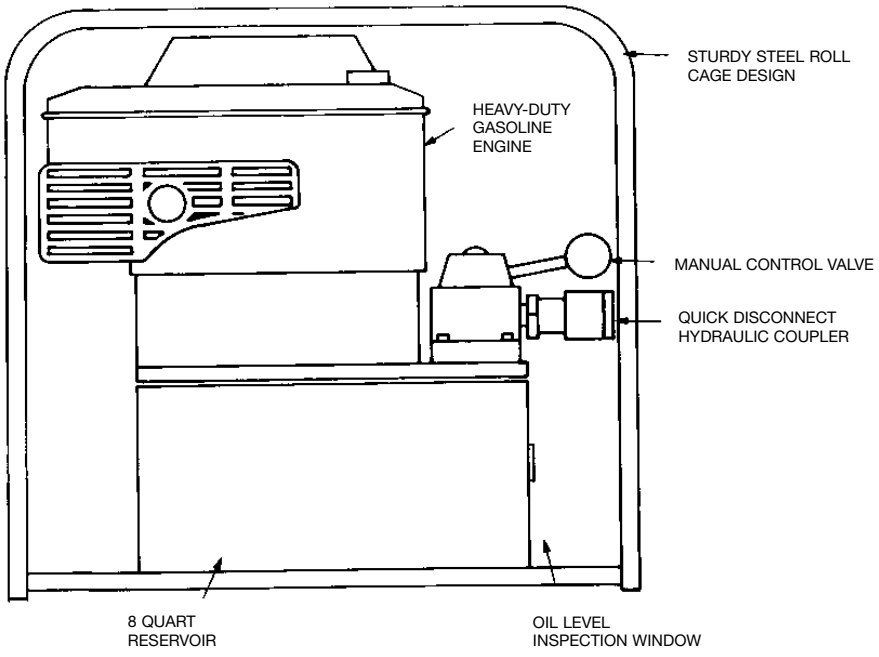
Specifications

Engine:	4 H.P., 4 cycle
Reservoir volume:	2 gallons (8 qts.)
Pump height:	19-3/4″
Pump width:	13″
Pump length:	18″
Overall height:	22-1/4″
Overall width:	16″
Overall length:	21″
Pump and motor dry weight:	64-1/4 lbs.
Overall dry weight:	77-3/4 lbs.

FOR USE ON

Pump	PSI	Hydraulic Tools and Cutter
GP10	10,000	Y34BH, Y35BH, Y35BH-4, Y39BH, Y45, Y46, Y46C, Y60BHU, Y60BHU-D, Y750BH, Y750BH-2, RHCC Series Cutters

FEATURES



Blue highlighted items are industry standard and most frequently ordered.

HYDRAULIC HOSES

NON CONDUCTIVE HOSES*



10,000 PSI

Cat. No.	Description
PT 29900-10	10′ - 3/16″ diameter - non conductive hose with stackable couplers (male/female) - orange
PT 29900-15	15′ - 3/16″ diameter - non conductive hose with stackable couplers (male/female) - orange
PT 29900-25	25′ - 3/16″ diameter - non conductive hose with stackable couplers (male/female) - orange
PT 29901-10	10′ - 1/4″ diameter - non conductive hose with stackable couplers (male/female) - orange
PT 29901-15	15′ - 1/4″ diameter - non conductive hose with stackable couplers (male/female) - orange
PT 29901-25	25′ - 1/4″ diameter - non conductive hose with stackable couplers (male/female) - orange

Note: 1/4″ diameter hose provides higher flow rate for faster ram movement.

* For proper care and maintenance of hydraulic hoses, consult the “Hydraulic Hose Care” manual, Form No. 7828

NON CONDUCTIVE HOSES*

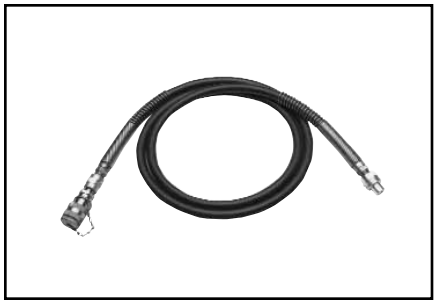


6,000 PSI

Cat. No.	Description
PT 29902-10	10′ - non conductive hose with stackable couplers (male/female) - orange
PT 29902-15	15′ - non conductive hose with stackable couplers (male/female) - orange
PT 29902-25	25′ - non conductive hose with stackable couplers (male/female) - orange
PT 29074-1	Non conductive hose carrying bag

* For proper care and maintenance of hydraulic hoses, consult the “Hydraulic Hose Care” manual, Form No. 7828

CONDUCTIVE HOSES*



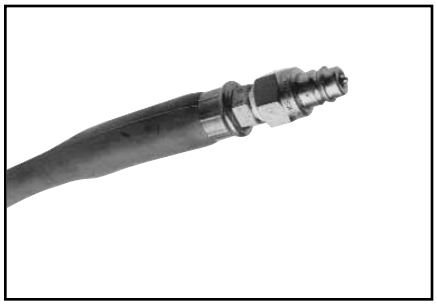
10,000 PSI

Cat. No.	Description
PT 91	8′ - steel braided hose with steel spring reinforced ends. Stackable couplers (male/female) - Black. No electrical rating. DO NOT use on energized conductor.

8,800 PSI

Cat No.	Description
PT 76	8′ - steel braided hose with steel spring reinforced ends. Stackable couplers (male/female) - Black. No electrical rating. DO NOT use on energized conductor.

* For proper care and maintenance of hydraulic hoses, consult the “Hydraulic Hose Care” manual, Form No. 7828.



Do not attempt to repair or recouple the hose yourself!

ACCESSORIES

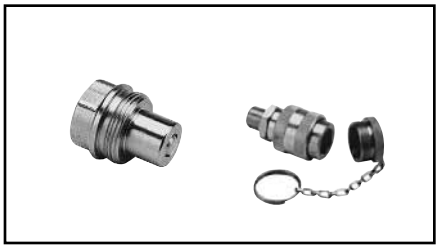


PT 29074-1 Insulated hose carrying bag

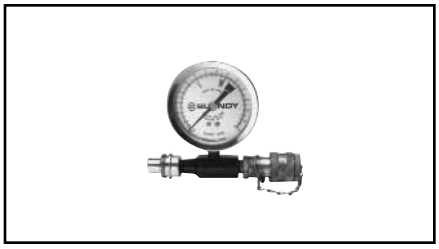
Designed to provide protection and cleanliness of non-conductive hoses. Accommodates 100 ft. of non-conductive coiled to 17-1/2″ O.D. and 3-3/4″ wide. Maximum carrying capacity: 10 lbs.



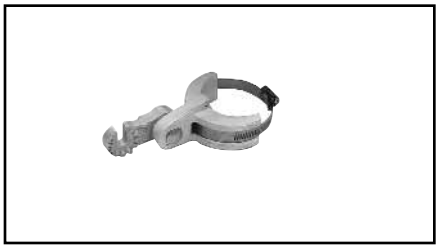
Replacement Coupler 6,000 PSI operating pressure
PT 29091 (male)
PT 29214-1 (female)



Replacement Coupler 10,000 PSI operating pressure
PT 94 (male)
PT 93 (female)



In-line Pressure Gauge 10,000 PSI operating pressure for hydraulic pumps
PT 11018



Adjustable Head Grip For joining HYPRESS™ heads to universal hot sticks
PT 29075 (for Y35L)
PT 29402-1 (for Y35BH)
PT 10128 (for Y46)



HYFLUID™

HYFLUID™ QT.
HYFLUID™ GAL.
(available in quart and gallon size containers)

Hydraulic fluid for BURNDY® HYPRESS™ hand operated tools:

Y35 and Y35-2 HYPRESS™ tools
Y39 HYPRESS™ tool
Y750 REVOLVER HYPRESS™ tools



DIE CASES

PT 29291
(Y750, Y35/Y39) die case for "U" -type die sets

PT 6545
(Y45 and Y46) die case for "S" and "P" -type die sets



ALFLUID™

ALFLUID™ QT.
ALFLUID™ GAL.
(available in quart and gallon size containers)

Use ALFLUID™ in hand operated tools during extended use below 32 degrees.

All weather HYDRAULIC fluid for BURNDY® pumps:

HP hand pump
FP foot pump
GP gasoline pump

EPP. electric pump
AC-3H auto/man. elect. pump
DC-3H auto/man. elect. pump

Blue highlighted items are industry standard and most frequently ordered.

ENFORCER™ HIW716ENF

HYDRAULIC IMPACT WRENCH VARIABLE TORQUE

7/16″ Quick Chuck

When it comes to drilling holes or tightening and loosening hardware the ENFORCER™ hydraulic impact wrench (Catalog Number HIW716ENF) provides a powerful punch with 515 ft-lbs of torque that is unsurpassed in the 7/16″ series of low pressure wrenches. Utilizing the very latest in CNC machining technology and superior materials, BURNDY® is proud to provide one of the toughest, lightweight wrenches ever offered in this class.

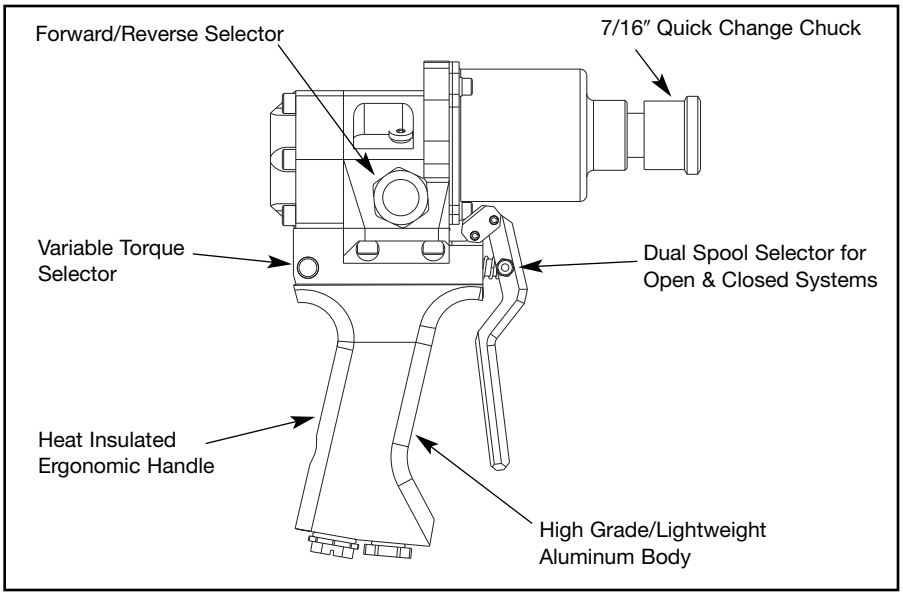
The ENFORCER™ wrench comes with a 7/16″ Tri-ball quick chuck with a wide flange that will provide a secure hold on all standard 7/16″ hex drive bits and accessories. The adjustable torque selector allows users to choose between a low setting of 200 ft-lbs and high setting of 515 ft-lbs of output torque. The dual acting spool allows the user to change from Open to Closed center operating circuits. In addition to our standard five-year limited warrany, the ENFORCER™ wrench comes with a full one-year unlimited warranty on the shaft seal.

The ENFORCER™ wrench comes equipped with an internal safety relief valve to protect the tool against hydraulic pressure spikes. This regulates pressure to the motor, and therefore allows excessive flow (flow which is beyond that which is required to do the work) to bypass back to the return side of the circuit.



Features and Benefits

- Industry exclusive torque selector.
  - ◊ Dual torque selector spool allows users to switch between 200 and 515 ft-lb torque settings.
- 7/16″ Tri-ball quick chuck.
  - ◊ Allows users to quickly change bits, sockets or other hardware adaptors.
- CNC Machined billet aluminum.
  - ◊ Provides superior strength, reliability and makes for the lightest tool in its class. Also provides for tighter tolerancing to ensure higher quality.
- Cartridge style valves.
  - ◊ Provides for greater accuracy and more economical servicing
- Dual spool operation.
  - ◊ Allows tool to be used in either an OPEN or CLOSED center hydraulic system.



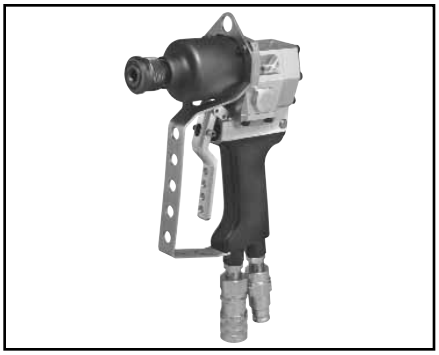
SPECIFICATIONS

Chuck Type:	7/16″ Quick Change
Optimal Pressure:	750-2000 PSI
Flow Range:	4-12 GPM
Optimal Flow Range:	4-8 GPM
Operation:	Open/Closed option
Torque:	515 ft-lbs
Weight:	5.95 lbs
Length:	7.80 in.
Height:	8.90 in.
Width:	3.10 in.

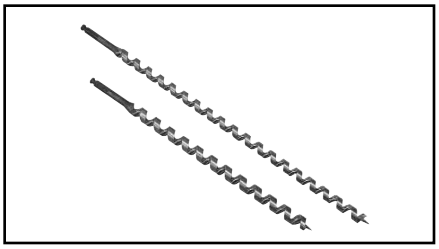
ACCESSORIES

Cat. No.	Description
HIW716ENFTGKIT	Trigger guard assembly kit
HIW716ENFTG	**HIW716ENF** wrench provided with a factory installed **HIW716ENFTGKIT**
LPHTADPMMOP66	Male to Male adaptor for use with couplers listed below *(Qty. 2)
LPHTHTMANOSE66	Male Coupling 3/8″ NPT *(Qty. 1)
LPHTHTMABODY66	Female Coupling 3/8″ NPT *(Qty. 1)
LPHTHOSNCR66668	3/8″ x 8 Ft. Hose Set *(Qty. 1)

*(Recommended quantity for use with HIW716ENF.)



The picture above shows the HIW716ENF model with trigger guard, adaptors, and couplers as listed under Accessories.



See our complete line of Dominator Drill Bits on page N83 in the Master Catalog.

Blue highlighted items are industry standard and most frequently ordered.

HIW-716R1

IMPACT WRENCH

7/16″ Quick Chuck

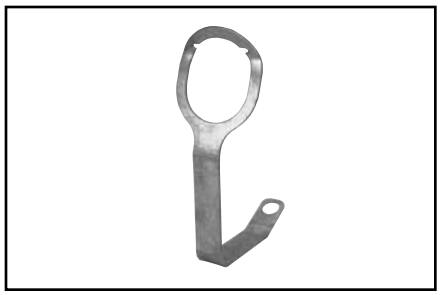


Features and Benefits

- Gerotor motor has a lifetime warranty and greater efficiency with longer life than gear type motor tools
- High torque output provides unmatched power, yet controllable, with 500 ft-lbs of torque @ 7 GPM
- Dual action for Open or Closed center operation
- Innovative 3 part design allows tool sub-assemblies to be quickly removed/replaced if service is required.
- 7/16″ Tri-ball Quick Chuck accommodates standard 7/16″ hex drive bits and accessories
- Eyelet Kit included
- 5-year limited warranty
- Optional trigger guard kit **HIW71612TGKIT**

SPECIFICATIONS

Specifications	Description
Chuck Type:	7/16″ Quick Chuck
Pressure:	1000-2000 psi (70-140 BAR)
Flow:	4-7 GPM (15-27 LPM)
Operation:	Open/Closed center
Torque:	450 ft-lbs @ 6 GPM
Motor:	Gerotor
Max. Back Pressure:	250 psi (17 BAR)
Weight:	7.25 lbs. (3.29 kg)
Length:	9 in. (23 cm)
Height:	9 in. (23 cm)
Width:	3 in. (7.6 cm)
Tool Ports:	#6 SAE O-Ring (F)



Cat.# **HIW71612TGKIT**

Trigger Guard

HIW716VTR1

VARIABLE IMPACT WRENCH



Features and Benefits

- Adjustable torque setting allows user to select proper power and torque for any job application
- Torque is controlled by dumping hydraulic flow back to tank, therefore, no heat build-up or over-taxing of hydraulic power source
- Gerotor type motor
- Lightweight—Most powerful wrench in the industry
- Dual action spool (Open/Closed center operation) allows the user to quickly change from Open to Closed Center circuits
- 7/16″ Tri-ball Quick Chuck with wide flared flange accommodates standard 7/16″ hex drive bits and accessories. Tri-Ball design provides a secure hold on attachments
- Eyelet Kit included
- 5-year limited warranty
- Optional trigger guard kit **HIW71612TGKIT**

SPECIFICATIONS

Specifications	Description
Chuck Type:	7/16″ Quick Chuck
Pressure:	1000-2000 psi (70-140 BAR)
Flow:	4-7 GPM (15-27 LPM)
Operation:	Open/Closed center
Torque:	Adjustable 200-500 ft-lbs
Max. Back Pressure:	250 psi (17 BAR)
Weight:	7.25 lbs. (3.29 kg)
Length:	9 in. (23 cm)
Height:	9 in. (23 cm)
Width:	3 in. (7.6 cm)
Tool Ports:	#6 SAE O-Ring (F)

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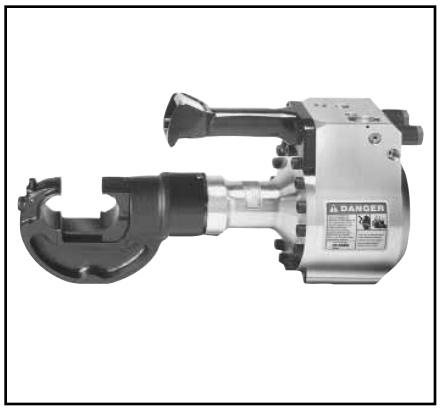
KOMPRESSOR™ LPHY750XT AND LPHY750CXT

Remote Operated 12 Ton Low Pressure Hydraulic Compression Tool

The BURNDY® LPHY750XT KOMPRESSOR™ is a lightweight, compact, low pressure, hydraulic 12 ton crimping tool. The LPHY750XT is double acting for hydraulic ram advance and retract. The KOMPRESSOR™ also has an industry exclusive spring back up for ram retraction in case of loss of hydraulic pressure. The LPHY750XT comes equipped with an ergonomic handle designed for better balance, which helps lessen fatigue to the operator.

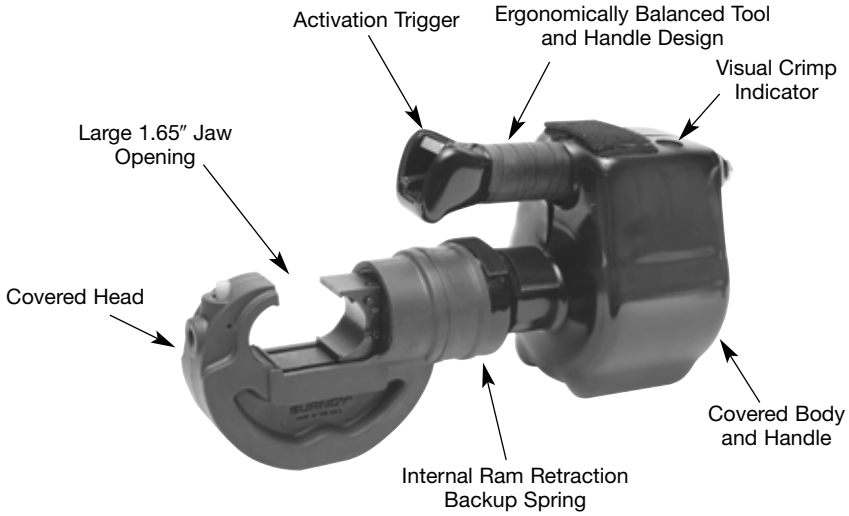
The LPHY750XT KOMPRESSOR™ features the BURNDY® 750XT tool head with a 1.65″ jaw opening capable of using all industry standard BURNDY® "U" dies. The LPHY750XT also has an industry exclusive visual crimp indicator to assure the operator of a properly completed crimp. The LPHY750XT also has an audible crimp indicator.

The LPHY750XT is powered directly from open center or closed center hydraulic tool circuits present on most utility line trucks or can be operated from individual low-pressure hydraulic power units. The LPHY750XT can be switched from open center to closed center operation with a simple external adjustment. The LPHY750XT does not require any additional tooling such as boosters, intensifiers, or hand controls in the bucket. Five-year limited warranty.



FEATURES

- LPHY750CXT covered version available. (See picture below.)
- Visual and audible crimp indicator assures properly completed crimps with 12 tons of force.
- Covers a wide range of applications with its 1.65″ jaw opening.
- 350° head rotation for versatile tool head positioning allowing the user to get into tight areas easier.
- Uses all standard BURNDY® "U" dies.
- Operates on open center or closed center hydraulic systems.
- Ergonomic handle design for better balance and helps lessen fatigue.
- Double acting tool for hydraulic ram advance and retraction.
- Spring back up for ram retraction if hydraulic system shuts down.
- 5-year limited warranty.



LPHY750CXT Covered Model Shown

SPECIFICATIONS

Flow Rate:	3 - 9 GPM (11 - 34 LPM)
Operating Pressure:	1,500 - 2,500 psi (103 - 172 BAR)
Force Developed:	12 Tons
Weight:	21 lbs. (9.5 kg)
Overall Length:	20.65 in. (524 mm)
Width:	15 in. (381 mm)
Jaw Opening:	1.65 in. (42 mm)
Max. Back Pressure:	250 psi (17 BAR)
Crimp Time:	Approximately 2 seconds

FOR USE ON

- **Tension Sleeves**

Copper	#8 sol - 500 kcmil
Aluminum	#8 sol - 587.2 kcmil
ACSR	#4 - 556.5 kcmil

- **Taps**

Copper	#14 sol - 500 kcmil
Aluminum	#8 sol - 500 kcmil

- **Aerial Cable**

Copper	#6 - 500 kcmil

- **Terminals and Splices**

Copper	#8 - 750 kcmil
Aluminum	#8 - 750 kcmil
ACSR	#4 - 556.5 kcmil

- **HYGROUND®**

Copper	#8 - 500 kcmil
Ground Rods	1/2″ - 1″ diameter

ACCESSORIES

Hoses:

Cat No. **LPHTHOSNCR66668OP**
Direct connect 8′ non-conductive hose set

Cat No. **LPHTHOSNCR666610OP**
Direct connect 10′ non-conductive hose set

*Cat No. **LPHTHOSNCR66668**
8′ non-conductive hose set

*Cat No. **LPHTHOSNCR666610**
10′ non-conductive hose set

Hydraulic Fittings:

Cat No. **LPHTHTMANOSE66**
Male coupler 3/8″ HTMA

Cat No. **LPHTHTMABODY66**
Female coupler 3/8″ HTMA

Cat No. **LPHTADPSMFOP66**
Swivel Adapter

*These hoses are used with the LPHTADPSMFOP66 swivel adapter.

Blue highlighted items are industry standard and most frequently ordered.

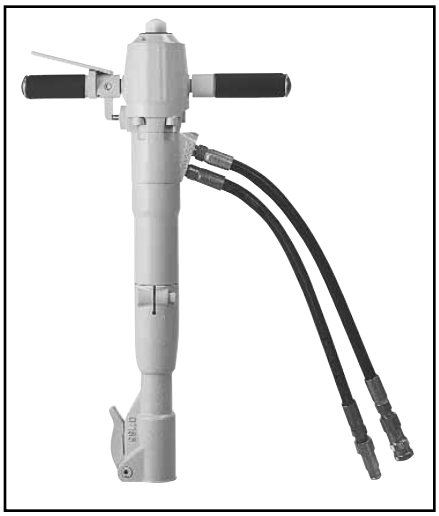
HBR40

HYDRAULIC BREAKER

Light and Medium Duty

Features and Benefits

- Light to Medium Duty breakers powerful enough for most breaking applications.
- Control trigger built into handle.
- Provided with 18″ braided whip hoses (order HTMA couplers separately).
- Standard tool attachment mechanism allows use of all standard tool bits.
- No compressed air exploding into atmosphere spreading dirt, dust and noise.
- Hydraulic cushioning of return stroke reduces operator shock and fatigue.
- Hand grips at comfortable working height.
- Hydraulic operation provides continuous lubrication of all moving parts.
- 5-year limited warranty.



SPECIFICATIONS

Flow:	4-7 GPM (15-27 LPM)
Optimum Flow:	4 GPM (15 LPM)
Pressure:	1200-2000 psi (85-140 BAR)
Max. Back Pressure:	150 psi (11 BAR)
Weight:	40-48 lbs.
Length:	25″
Tool Steel Capacity:	1″ × 4-1/4″
Performance:	(1500 BPM) 45-55 lb. class breakers
Whip Hoses:	18″ with 3/8″ NPT fittings

HBR66

HYDRAULIC BREAKER

Medium and Heavy Duty

Features and Benefits

- Medium to Heavy Duty breakers suitable for extended periods of operation.
- Control trigger built into handle.
- Provided with 18″ braided whip hoses (order HTMA couplers separately).
- Standard tool attachment mechanism allows use of all standard tool bits.
- No compressed air exploding into atmosphere spreading dirt, dust and noise.
- Hydraulic cushioning of return stroke reduces operator shock and fatigue.
- Hand grips at comfortable working height.
- Hydraulic operation provides continuous lubrication of all moving parts.
- HBR67HF capable of handling 7-10 GPM.
- 5-year limited warranty.



SPECIFICATIONS

Flow:	4-7 GPM (15-27 LPM)
Optimum Flow:	4 GPM (15 LPM)
Pressure:	1200-2000 psi (85-140 BAR)
Max. Back Pressure:	150 psi (11 BAR)
Weight:	50-67 lbs.
Length:	27″ to 35″
Tool Steel Capacity:	1-1/4″ × 6″
Performance:	60-80 lb. class series
Whip Hoses:	18″ with 3/8″ NPT fittings

Blue highlighted items are industry standard and most frequently ordered.

HTP3, HP3

3″ SUBMERSIBLE PUMPS

The HP3 and HTP3 hydraulic submersible pumps are designed to reliably pump large volumes of liquids and solids (per specifications). HP and HTP models are durable and offer a very high performance-to-weight ratio. These pumps are self-lubricating, utilizing the hydraulic fluid in a closed loop to ensure consistent, reliable lubrication. The units can be run dry as they do not require water for cooling purposes whether submersed or not.

The high output and compact nature of these pumps make them ideal for pumping out vaults, trenches, ditches, ponds, tanks, pools, etc. in a multitude of industries including agriculture, construction, mining, utilities, public works, departments of transportation, and more.

Features and Benefits

- Totally submersible
- Pumps solids without blockage or damage
- Self lubricating design
- Cast aluminum pump body
- Double-sealed hydraulic motor shaft protects hydraulic source from water
- Thumb screw secured lid so cover is easy to remove without special tools
- Provided with whip hoses
- High impact, abrasion resistant liner
- 5-year limited warranty



3″ Submersible Pump
HP3

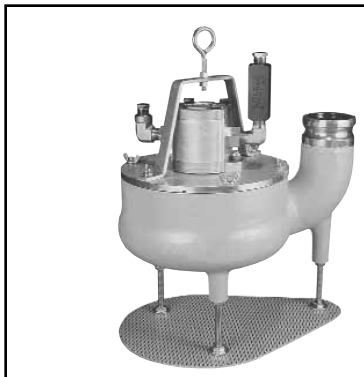
SPECIFICATIONS

HP3

Flow:	7-10 GPM (27-38 LPM)
Pressure:	1000-2000 PSI (70-140 BAR)
Weight:	36 lbs. (16.34 kg)
Pump capacity:	750 GPM (2800 LPM)
Operation:	Open/Closed center
Discharge size:	3″ outlet (3″ Male Cam-Lock)
Maximum lift:	50 ft. (21.34 m)
Motor:	Gear Motor

ACCESSORIES

Cat. No.	Description
HOSE325	25 ft. long hose
HOSE350	50 ft. long hose



3″ Trash Pump
HTP3

SPECIFICATIONS

HTP3

Flow:	7-10 GPM (27-38 LPM)
Pressure:	1000-2000 psi (70-140 BAR)
Max. Back Pressure:	250 psi (17 BAR)
Weight:	40 lbs. (18.16 kg)
Pump capacity:	500 GPM (1900 LPM)
Operation:	Open/Closed center
Discharge size:	3″ outlet (3″ Male Cam-Lock)
Motor:	Gear Motor
Diameter:	12 in (30.5 cm)
Maximum lift:	40 ft. (18.29 m)
Ports:	½″ × 14 (#8) NPT (F)

HP2HV (HIGH VOLUME)

2″ SUBMERSIBLE PUMPS

Features and Benefits

- Totally submersible
- Self lubricating design
- Lightweigt cast aluminum pump body
- Built-in lifting handle/eye
- Self-priming pump
- Provided with whip hoses
- Unit can run dry without damage
- HP2HV adaptable to either 2″ or 2-1/2″ discharge
- 5-year limited warranty



SPECIFICATIONS

Flow:	4-9 GPM
Pressure:	1000-2000 psi (70-140 BAR)
Weight:	13 lbs.
Pump Capacity:	340 GPM
Operation:	Open/Closed center
Maximum Lift:	80 GPM @ 70 ft
Motor:	Gerotor Motor

ACCESSORIES

Cat. No.	Description
HOSE2	Hose

Blue highlighted items are industry standard and most frequently ordered.

HPTR1 SERIES

POLE TAMPERS

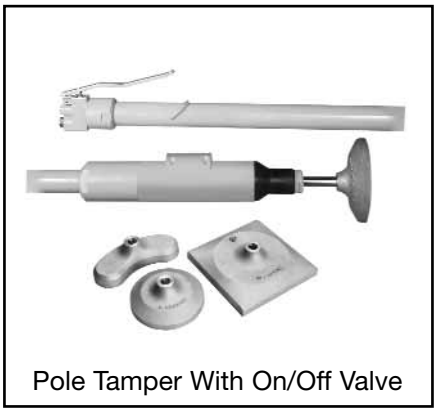
The HPT hydraulic pole tampers are designed to provide trouble-free service for compacting around poles, posts, footings and other objects.

The pole tamper operates best on a flow rate of 4 gal/min. Operating pressure. Force of blow, and frequency of blow will be a function of the flow rate provided. A minimum of 1000 lb/in^2 operating pressure is essential in order to obtain the maximum output performance.

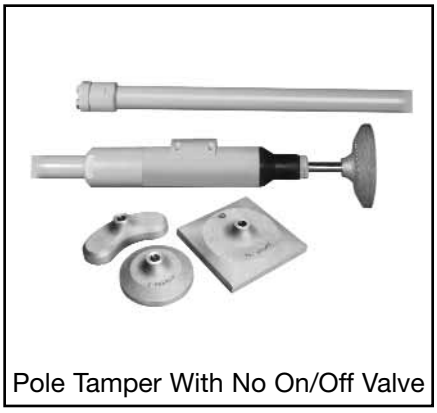
The unique patented valving of the HPT pole tamper provides low maintenance, long life and superior handling characteristics because there is no mechanical impacting of the ram within the tamper. The oil reverses the stroke before bottoming out, preventing the tamper from hammering itself when running free between compaction strokes.

These features provide unexcelled compaction while virtually eliminating kick-back to the operator's hand.

Tamper shoes sold separately.



Pole Tamper With On/Off Valve



Pole Tamper With No On/Off Valve

Features and Benefits

- Available with or without On/Off control valve
- Patented valving prevents impacting of the ram within the tamper
- Stroke amplitude of 1⅝″
- Stroke frequency of 1375 blows/min. is ideal for compacting around poles, posts, footings, and other objects
- Interchangeable heavy duty tamper shoes allows for flexibility
- 5-year limited warranty

SPECIFICATIONS

Flow:	4-10 GPM (15-38 LPM)
Pressure:	1000–2000 PSI (70–140 BAR)
Max. Back Pressure:	250 psi (17 BAR)
Operation:	Open/Closed center
Stroke Amplitude:	1⅝ in.
Stroke Frequency:	1375 per minute
Tool Ports:	#6 SAE O-Ring (F)

With On/Off Valve			No On/Off Valve		
Catalog Number	**Overall Length**	**Weight (Approx.)**	**Catalog Number**	**Overall Length**	**Weight (Approx.)**
HPT-60-R1	60″ (152 cm)	29 lbs (13 kg)	**HPT-59-R1**	59″ (150 cm)	26 lbs. (12 kg)
HPT-72-R1	72″ (183 cm)	30 lbs (14 kg)	**HPT-71-R1**	71″ (180 cm)	28 lbs. (13 kg)
HPT-84-R1	84″ (213 cm)	32 lbs (15 kg)	**HPT-83-R1**	83″ (211 cm)	31 lbs. (14 kg)
HPT-96-R1	96″ (244 cm)	34 lbs (15.4 kg)	—	—	—

ACCESSORIES

Tamper shoes must be ordered separately

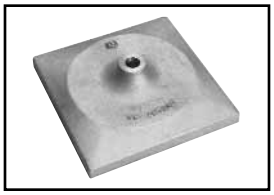
Cat # **TS-KD**: Kidney shoe, 3″ × 8″ (7.6 × 20.3 cm)
Cat # **TS-RD**: Round show, 6″ dia. (15.2 cm dia.)
Cat # **TS-SQ**: Square shoe, 8″ × 8″ (20.3 × 20.3 cm)

Whip Hoses must be ordered separately.

Cat # **LPHTWHP-BCS66606-18** (Incl. set of [2] hoses) Stk # 002045



Kidney Shoe



Square Shoe



Round Shoe

Blue highlighted items are industry standard and most frequently ordered.

HHS Series

HAND CHAIN SAWS

The lightweight Hydraulic Hand-held Chain Saw was designed for the ease of handling, balance and dependability. A Gerotor motor provides the hand-held chain saw with a high level of torque and horsepower for long and trouble-free operation. The handle remains cooler because no hydraulic fluid flows through the grip. An automatic chain oiler is another feature of the saw. In addition, the guide bar contains a nose sprocket for improved cutting performance and reduced wear of the guide bar. The saws are furnished with a .325 pitch anti-kick back chain. The dual spool trigger design enables operation of the tool on both open-center and closed-center systems.



Features and Benefits

- Gerotor type motor has lifetime warranty.
- Supplied with .325″ pitch anti-kickback chain for maximum safety.
- Dual action spool quickly and easily changes from Open to Closed center operation.
- Automatic, adjustable chain oiler enables longer running time without damage to chain/bar due to lack of lubrication.
- Low RPM and high torque—minimizes saw kickback.
- Choice of 11″, 13″, 16″ or 20″ bars.
- 5-year limited warranty.

Catalog Number	Overall Length	Bar Length	Cutting Capacity	Weight (Approx.)
HHS-O/C-B11	21″	13-1/2″	11″	7-1/4 lbs.
HHS-O/C-B13	24″	15-1/2″	13″	7-1/2 lbs.
HHS-O/C-B16	27″	18-1/2″	16″	8 lbs.
HHS-O/C-B20	30″	22-1/2″	20″	8-1/2 lbs.

SPECIFICATIONS

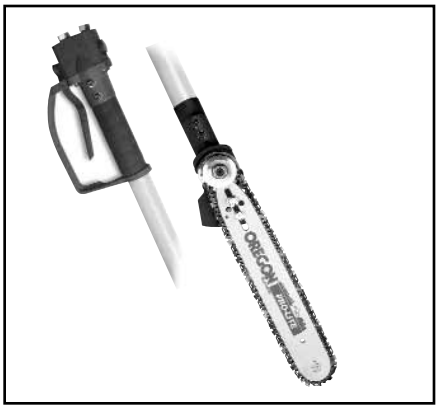
HHS & HPS

Flow: 5-8 GPM (19-30 LPM)
Pressure: 1000-2000 psi (70-140 BAR)
Operation: Open/Closed center
Motor: Gerotor
Chain: .325″ pitch anti-kickback
Tool Ports: #6 SAE O-Ring (F)
Max. Back Pressure: 250 psi (17 BAR)

HPS Series

POLE CHAIN SAWS

The HPS hydraulic pole saws are designed for safety, convenience and function. The fiberglass extension provides lightweight strength reducing operator fatigue. The trigger guard helps to prevent accidental motor start. The high speed, high performance Gerotor motor enables these pole saws to tackle the toughest of pruning or clearing jobs. Pole circular saw models incorporate a nose and blade guard for stability and fewer chips thrown towards the operator. Pole chain saw models have a disk next to the sprocket to lessen the danger of a poorly adjusted chain from coming off the sprocket. In addition, the guide bar contains a self-lubricating oiling system to help reduce wear and increase performance. Non-conducting fiberglass poles tested to meet OSHA regulation 1910.269.



Catalog Number	Overall Length	Handle Length	Bar Length	Cutting Capacity	Weight (Approx.)
HPS-O/C-4-B11	73″ (6′1″)	48″	13-1/2″	11″	8-3/4 lbs.
HPS-O/C-4-B13	76″ (6′4″)	48″	15-1/2″	13″	9 lbs.
HPS-O/C-5-B11	85″ (7′1″)	60″	13-1/2″	11″	9-1/4 lbs.
HPS-O/C-5-B13	88″ (7′4″)	60″	15-1/2″	13″	9-1/2 lbs.

Features and Benefits

- Gerotor motor has lifetime warranty.
- Dual action spool quickly and easily changes from Open to Closed center operation.
- Automatic, adjustable chain oiler enables longer running time without damage to chain/bar due to lack of lubrication.
- .325″ pitch anti-kick back chain supplied standard.
- Low RPM and high torque—minimize saw kickback.
- Choice of 11″ or 13″ bars.
- 5-year limited warranty.

Blue highlighted items are industry standard and most frequently ordered.

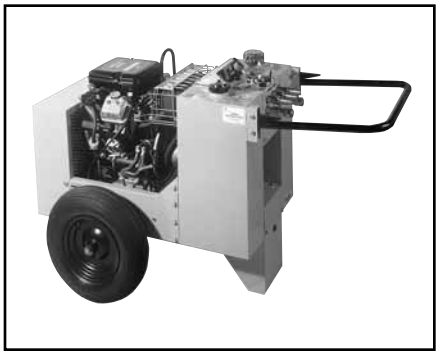
HPP18, HPP18-2

HYDRAULIC POWER PACK

Cat # **HPP18** (Single Circuit)
Cat # **HPP18-2** (Dual Circuit)

The HPP18-2 Hydraulic Power Pack is designed to provide hydraulic flow and pressure for operation of HTMA Type I and Type II hydraulic tools. The power pack is equipped with an 18 HP gas engine. The power packs are all equipped with air-to-oil coolers with suction fan mounted to the power shaft on the engine. The fuel and hydraulic systems are self-contained with the required reservoir, filtration and level indicators.

The hydraulic system consists of a hydraulic system fluid reservoir; filter assembly, single (HPP18) or tandem pump (HPP18-2), and a wide variety of flow controls. The filter element is a "spin on" type element for easy replacement. The filter housing has a pressure bypass valve to divert fluid directly to the tank in the event of a restricted filter. Only the hydraulic pumps are called out in the parts section of this manual. Pressure hoses from the pumps are connected directly to a control module, which contains a relief valve, a flow control valve, and pressure and return ports. 5 gallon hydraulic reservoir for cooler oil operation.



Features and Benefits

- Briggs & Stratton 18 HP VANGUARD gas engine (twin OHV cylinders.)
- Integral oil cooling system with fully shrouded fan and changeable oil filter.
- Fold away locking handle for easy job site portability.
- Electronic ignition with key start, 12 Volt battery.
- Features manual choke and an adjustable throttle mechanism with lock/adjustment.
- Variable GPM output valve provides fluid flow from 1-10 GPM @ 2,000 psi (HPP18 only).
- HPP18-2 is a dual circuit unit: (1) 10 GPM or (2) 5 GPM.
- HPP18-2 has the ability to operate two (2) 5 GPM tools simultaneously or one (1) tool up to 10 GPM.

SPECIFICATIONS

HPP18

Output/Flow:	1 @ 2,000 PSI @ 1–10 GPM (138 Bar @ 0-38 LPM)
Dry Weight:	233 lbs. (105.6 kg)
Length:	35″ (88.9 cm)
Width:	29″ (73.6 cm)
Height:	32″ (81.2 cm)
Motor:	18 Hp @ 3500 RPM

HPP18-2

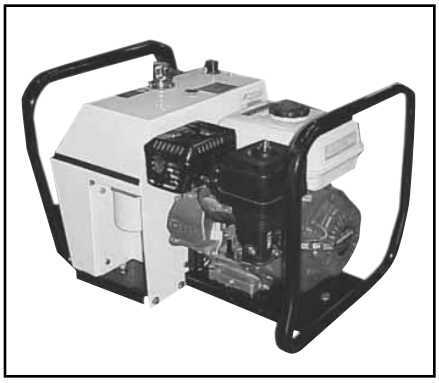
Output/Flow	2 @ 2,000 PSI @ 5 GPM or 1 @ 2,000 PSI @ 10 GPM
Dry Weight:	233 lbs. (105.6 kg)
Length:	35″ (88.9 cm)
Width:	29″ (73.6 cm)
Height:	32″ (81.2 cm)
Motor:	18 Hp @ 3500 RPM

HPP5

HYDRAULIC POWER PACK

Features and Benefits

- Honda 5.5 HP engine with recoil start for reliability, ease of use and minimal maintenance.
- Lightweight and compact, weighing only 83 lbs. Easily transported and can be picked up by one person.
- Air blast oil cooler/radiator system with thermostatic control. Prevents overheating of the hydraulic oil.



- Built with a robust stainless steel frame and wheel kit. Provides outstanding protection during use and transport.
- Operating controls are basic and easy to use.

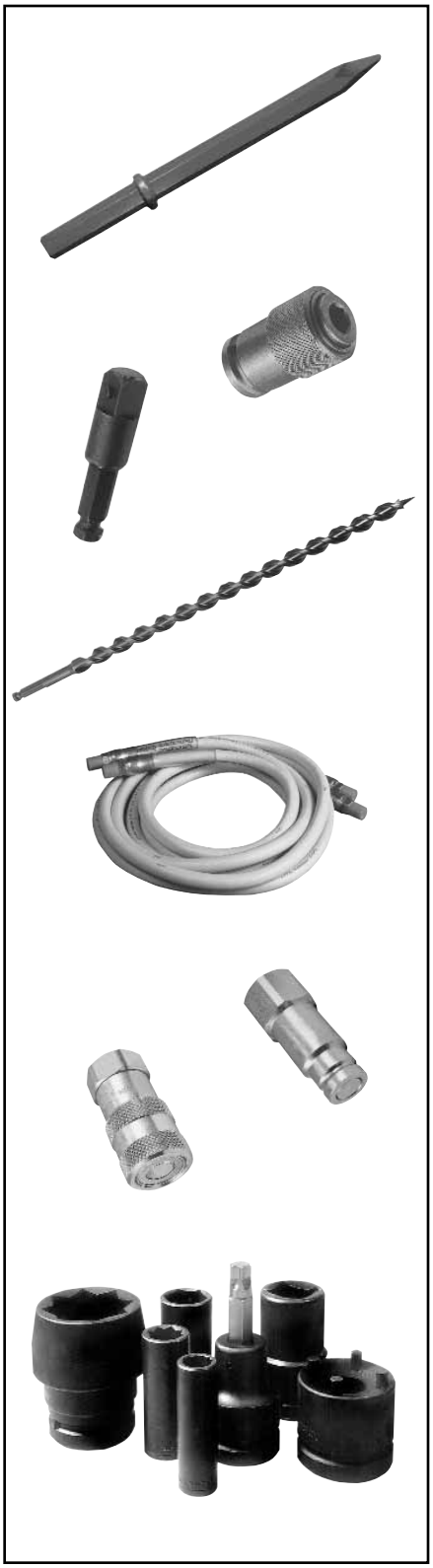
SPECIFICATIONS

Specifications	Description
Engine:	Honda 5.5 Hp recoil start
Operating Pressure:	1450 psi
Flow:	5.4 GPM
Dry Weight:	83 lbs.
Fuel Tank Capacity:	1 gallon
Hyd. Oil Capacity:	1.25 gallons
Length:	20″
Width:	17″
Height:	18″

LPHT ACCESSORIES

This is a generic sample of the more than 200 accessory items available. If you do not see what you are looking for, call us at BURNDY® and we will get it for you: 1-800-346-4175.

Catalog Number	Description
LPHT3CHISEL11418	3″ Chisel, 1-1/4″ hex, 18″ Long
LPHTASPHALTCUT118	Asphalt Cutter, 1-1/8″ hex
LPHTCLAYSPADE118	Clay Spade, 1-1/8″ hex
LPHTGRDVR11458	Ground Rod Driver, 1-1/4″ hex, 5/8″ Rod
LPHTGRDVR11858	Ground Rod Driver, 1-1/8″ hex, 5/8″ Rod
LPHTMOILPT118	Moil Point, 1″ hex, 18″ Long
LPHTMOILPT11814	Moil Point, 1-1/8″ hex, 14″ Long
LPHTNARCHISEL11814	Narrow Chisel, 1-1/8″ hex, 14″ Long
LPHTADPMM71612	7/16″ Quick Chuck Adaptor × 1/2″ Square
HIW71612TGKIT	Trigger Guard for HIW-716, HIW-12
LPHTADPMMOP66	ADP Male/Male SAE #6, 3/8 NPT (2 required per tool)
Auger Bits (call for many additional options)	
LPHTBIT111618D	11/16″ × 18″ Long × 7/16 QC; Dominator
LPHTBIT111624D	11/16″ × 24″ Long × 7/16 QC; Dominator
LPHTBIT131618D	13/16″ × 18″ Long × 7/16 QC; Dominator
LPHTBIT131624D	13/16″ × 24″ Long × 7/16 QC; Dominator
LPHTBIT151618D	15/16″ × 18″ Long × 7/16 QC; Dominator
LPHTBIT151624D	15/16″ × 24″ Long × 7/16 QC; Dominator
Hoses (call for many additional options) red or orange	
LPHTHOSNCR666610	Hose - Insulated, 10 ft., 3/8 NPT, 3/8 NPT
LPHTHOSNCR66668	Hose - Insulated, 8 ft., 3/8 NPT, 3/8 NPT
LPHTHOSNCR66668QP	Hose - Insulated, 8 ft., SAE #6, 3/8 NPT
LPHTHOSNCR666610OP	Hose - Insulated, 10 ft., SAE #6, 3/8 NPT
Couplers (call for many additional options)	
LPHTDRIPBODY66	Dripless Body - 3/8 Body, 3/8 NPT
LPHTDRIPBODY88	Dripless Body - 1/2 Body, 1/2 NPT
LPHTDRIPNOSE66	Dripless Nose - 3/8 Body, 3/8 NPT
LPHTDRIPNOSE88	Dripless Nose - 1/2 Body, 1/2 NPT
LPC38S	3/8, 3/8 NPT Flush Face Coupler Set - Body & Nose
LPC12S	3/8, 1/2 NPT Flush Face Coupler Set - Body & Nose
LPHTHTMADUSTCAPF	HTMA Dust Cap - Body
LPHTHTMADUSTCAPM	HTMA Dust Cap - Nose
Sockets	
LPHTSOC121/118	Dual Socket - 1/2″ Drive × 1″ × 1-1/8″
LPHTSOC121316/1516	Dual Socket - 1/2″ Drive × 13/16″ & 15/16″
LPHTSOC121	Socket - 1/2″ Drive × 1″
LPHTSOC121116	Socket - 1/2″ Drive × 11/16″
LPHTSOC12112	Socket - 1/2″ Drive × 1-1/2″
LPHTSOC12114	Socket - 1/2″ Drive × 1-1/4″
LPHTSOC12118	Socket - 1/2″ Drive × 1-1/8″
LPHTSOC121188PT	Socket - 1/2″ Drive × 1-1/8″, 8 Point
LPHTSOC1212	Socket - 1/2″ Drive × 1/2″
LPHTSOC12128PT	Socket - 1/2″ Drive × 1/2″, 8 Point
LPHTSOC121316	Socket - 1/2″ Drive × 13/16″
LPHTSOC1213168PT	Socket - 1/2″ Drive × 13/16″, 8 Point
LPHTSOC12138	Socket - 1/2″ Drive × 1-3/8″
LPHTSOC1215168PT	Socket - 1/2″ Drive × 15/16″, 8 Point
LPHTSOC121716	Socket - 1/2″ Drive × 1-1/16″
LPHTSOC1217168PT	Socket - 1/2″ Drive × 1-1/16″, 8 Point
LPHTSOC1218PT	Socket - 1/2″ Drive × 1″, 8 Point
LPHTSOC1234	Socket - 1/2″ Drive × 3/4″
LPHTSOC12348PT	Socket - 1/2″ Drive × 3/4″, 8 Point
LPHTSOC1258	Socket - 1/2″ Drive × 5/8″
LPHTSOC12588PT	Socket - 1/2″ Drive × 5/8″, 8 Point
LPHTSOC1278	Socket - 1/2″ Drive × 7/8″
LPHTSOC12788PT	Socket - 1/2″ Drive × 7/8″, 8 Point
LPHTSOC12916	Socket - 1/2″ Drive × 9/16″
HIW12SOCSET	Socket Set - 1/2″ Drive DP IMP 6 Point



BKOM50125

KNOCKOUT SET

For 1/2″ – 1-1/4″ Conduit Size

The BURNDY® Knockout Set is designed to punch holes for 1/2″ – 1-1/4″ conduit in distribution boxes, electrical panels and troughs.

The Knockout Set is provided with a 1-year limited warranty.



Features and Benefits

- Four-point design allows slug to drop automatically without splitting.
- Punches up to 10-gauge mild steel.
- Set includes the four most popular sizes of punches and dies packed in a sturdy storage case.
- 1-year limited warranty.

BKOM50125 SPECIFICATIONS

Description	Weight
1/2″ – 1-1/4″ Knockout Set	3 lbs.

ACCESSORIES

Components for kit listed above can be purchased separately.

SET INCLUDES

Catalog Number	Description	Hole	Weight
BKP500B	1/2″ Punch	7/8″	.4 lb.
BKD500B	1/2″ Die	7/8″	1 lb.
BKP750B	3/4″ Punch	1-3/32″	.4 lb.
BKD750B	3/4″ Die	1-3/32″	1 lb.
BKP1000B	1″ Punch	1-11/32″	1 lb.
BKD1000B	1″ Die	1-11/32″	1 lb.
BKP1250B	1-1/4″ Punch	1-11/16″	2 lb.
BKD1250B	1-1/4″ Die	1-11/16″	2 lb.
BKSB50B	1/2″ Bearing & Drive Screw		1 lb.
BKS752B	3/4″ – 2″ Bearing & Drive Screw		1 lb.
BK88004	Storage Case		1.5 lb.

BKOM152

KNOCKOUT SET

For 1-1/2″ – 2″ Conduit Size

The BURNDY® Knockout Set is designed to punch holes for 1-1/2″ – 2″ conduit in distribution boxes, electrical panels and troughs.

The Knockout Set is provided with a 1-year limited warranty.



Features and Benefits

- Four-point design allows slug to drop automatically without splitting.
- Punches up to 10-gauge mild steel.
- Durable storage case.
- 1-year limited warranty.

BKOM152 SPECIFICATIONS

Description	Weight
1-1/2″ – 2″ Knockout Set	4 lbs.

ACCESSORIES

Components for kit listed above can be purchased separately.

SET INCLUDES

Catalog Number	Description	Hole	Weight
BKP1500B	1-1/2″ Punch	1-15/16″	2 lb.
BKD1500B	1-1/2″ Die	1-15/16″	2 lb.
BKP2000B	2″ Punch	2-3/8″	2 lb.
BKD2000B	2″ Die	2-3/8″	2 lb.
BKS752B	3/4″ – 2″ Bearing & Drive Screw	—	1 lb.
BK88001	Storage Case	—	1.5 lb.

BKOH2540

ASSORTED KNOCKOUT KIT

For 2-1/2″ – 4″ Conduit Size

The BURNDY® Assorted Knockout Kit is designed to punch holes for 2-1/2″ – 4″ conduit in distribution boxes, electrical panels and troughs.

The Knockout Kit is provided with a 1-year limited warranty.



Features and Benefits

- Expand capability of 1/2″ – 2″ sets.
- Four-point design allows slug to drop automatically without splitting.
- Punches up to 10-gauge mild steel.
- Packed in metal storage case.
- 1-year limited warranty.

BKOH2540 SPECIFICATIONS

Description	Weight
2-1/2″ – 4″ Knockout Kit	22 lbs.

ACCESSORIES

Components for kit listed above can be purchased separately.

SET INCLUDES

Catalog Number	Description	Hole	Weight
BKP2500	2-1/2″ Punch	2-7/8″	3 lb.
BKD2500	2-1/2″ Die	2-7/8″	3 lb.
BKP3000	3″ Punch	3-1/2″	4 lb.
BKD3000	3″ Die	3-1/2″	4 lb.
BKP3500	3-1/2″ Punch	4″	4 lb.
BKD3500	3-1/2″ Die	4″	4 lb.
BKP4000	4″ Punch	4-1/2″	4 lb.
BKD4000	4″ Die	4-1/2″	4 lb.
BK88008	Metal Storage Case	—	5 lb.

BKOW520

KNOCKOUT SET WITH RATCHET WRENCH

For 1/2″ – 2″ Conduit

The BURNDY® Knockout Set with Ratchet Wrench is designed to punch holes for 1/2″ – 2″ conduit in distribution boxes, electrical panels and troughs.

The Knockout Set with Ratchet Wrench is provided with a 1-year limited warranty.



Features and Benefits

- Four-point design allows slug to drop automatically without splitting.
- Punches up to 10-gauge mild steel.
- Set includes ratchet wrench, six sizes of punches and dies, and two drive screws; all packaged in a rugged storage case.
- 1-year limited warranty.

BKOW520 SPECIFICATIONS

Description	Weight
1/2″ – 2″ Knockout Set with Ratchet Wrench (BKW52)	12 lbs.

ACCESSORIES

Components for the kit listed above can be purchased separately.

SET INCLUDES

Catalog Number	Description	Hole	Weight
BKP500B	1/2″ Punch	7/8″	.4 lb.
BKD500B	1/2″ Die	7/8″	1 lb.
BKP750B	3/4″ Punch	1-3/32″	.4 lb.
BKD750B	3/4″ Die	1-3/32″	1 lb.
BKP1000B	1″ Punch	1-11/32″	1 lb.
BKD1000B	1″ Die	1-11/32″	1 lb.
BKP1250B	1-1/4″ Punch	1-11/16″	2 lb.
BKD1250B	1-1/4″ Die	1-11/16″	2 lb.
BKP1500B	1-1/2″ Punch	1-15/16″	2 lb.
BKD1500B	1-1/2″ Die	1-15/16″	2 lb.
BKP2000B	2″ Punch	2-3/8″	2 lb.
BKD2000B	2″ Die	2-3/8″	2 lb.
BKW52	Hand Ratchet Wrench	—	1 lb.
BKSB50B	1/2″ Bearing & Drive Screw	—	1 lb.
BKS752B	3/4″ – 2″ Bearing & Drive Screw	—	1 lb.
BK88007	Storage Case	—	1.5 lb.

BKOR520

QUICK HAND RATCHET KNOCKOUT SET

For 1/2″ – 2″ Conduit

The BURNDY® Hand Ratchet Knockout Set is designed to punch holes for 1/2″ – 2″ conduit in distribution boxes, electrical panels and troughs.

The Hand Ratchet Knockout Set is provided with a 1-year limited warranty.



Features and Benefits

- Four-point design allows slug to drop automatically without splitting.
- Smooth operating ratchet handles up to 10-gauge mild steel or 12-gauge stainless steel.
- 1-year limited warranty.

BKOR520 SPECIFICATIONS

Description	Weight
1/2″ – 2″ Quick Hand Ratchet Knockout Set	16 lbs.

ACCESSORIES

Components for kit listed above can be purchased separately.

SET INCLUDES

Catalog Number	Description	Hole	Weight
BKP500B	1/2″ Punch	7/8″	.4 lb.
BKD500B	1/2″ Die	7/8″	1 lb.
BKP750B	3/4″ Punch	1-3/32″	.4 lb.
BKD750B	3/4″ Die	1-3/32″	1 lb.
BKP1000B	1″ Punch	1-11/32″	1 lb.
BKD1000B	1″ Die	1-11/32″	1 lb.
BKP1250B	1-1/4″ Punch	1-11/16″	2 lb.
BKD1250B	1-1/4″ Die	1-11/16″	2 lb.
BKP1500B	1-1/2″ Punch	1-15/16″	2 lb.
BKD1500B	1-1/2″ Die	1-15/16″	2 lb.
BKP2000B	2″ Punch	2-3/8″	2 lb.
BKD2000B	2″ Die	2-3/8″	2 lb.
BKOR14	Ratchet	—	12 lb.
BKOR50	1/2″ Screw Adapter	—	.4 lb.
BKOR75125	3/4″ – 1-1/4″ Screw Adapter	—	1 lb.
BKOR152	1-1/2″ – 2″ Screw Adapter	—	1 lb.
BK88020	Metal Storage Case	—	4 lb.

BKOS5290

SELF-CONTAINED HYDRAULIC 360° KNOCKOUT SET

For 1/2″ – 2″ Conduit

The BURNDY® Self-Contained 360° Knockout Set is designed to punch holes for 1/2″ – 2″ conduit in distribution boxes, electrical panels and troughs.

The self-contained 360° Knockout Set is provided with a 1-year limited warranty.



SET INCLUDES

Catalog Number	Description	Hole	Weight
BKP500B	1/2″ Punch	7/8″	.4 lb.
BKD500B	1/2″ Die	7/8″	1 lb.
BKP750B	3/4″ Punch	1-3/32″	.4 lb.
BKD750B	3/4″ Die	1-3/32″	1 lb.
BKP1000B	1″ Punch	1-11/32″	1 lb.
BKD1000B	1″ Die	1-11/32″	1 lb.
BKP1250B	1-1/4″ Punch	1-11/16″	2 lb.
BKD1250B	1-1/4″ Die	1-11/16″	2 lb.
BKP1500B	1-1/2″ Punch	1-15/16″	2 lb.
BKD1500B	1-1/2″ Die	1-15/16″	2 lb.
BKP2000B	2″ Punch	2-3/8″	2 lb.
BKD2000B	2″ Die	2-3/8″	2 lb.
BKLP6	Hydraulic Driver	—	10 lb.
BKPR7520	Drawstud	—	1 lb.
BKPS50	Drawstud	—	.2 lb.
BKSA50	Drawstud Adapter	—	.3 lb.

BKOS5290 SPECIFICATIONS

Description	Weight
1/2″ – 2″ Self-Contained Hydraulic Knockout Set — head swivels 360°	7-1/2 lbs.

Features and Benefits

- Right-angle head swivels 360° for flexible punching in tight work spaces.
- Punches up to 2-1/2″ conduit sizes, up to 10-gauge mild steel or 12-gauge stainless steel.
- No cumbersome “spacers” required.
- Compact, lightweight size: 7-1/2 pounds and 13″ in length.
- Operating pressure rated at 10,000 psi.
- Set includes the most popular drawstuds, punches, and dies for punching holes for 1/2″ to 2″ conduit; all packed in a sturdy storage case.
- 1-year limited warranty.

ACCESSORIES

Components for the kit listed above can be purchased separately.

BKLP6K1 Seal Repair Kit

Blue highlighted items are industry standard and most frequently ordered.

BKOS520

SELF-CONTAINED HYDRAULIC KNOCKOUT SET

For 1/2″ – 2″ Conduit

The BURNDY® Self-Contained Hydraulic Knockout Set is designed to punch holes for 1/2″ – 2″ conduit in distribution boxes, electrical panels and troughs.

The Self-Contained Hydraulic Knockout Set is provided with a 1-year limited warranty.

Optional 2-1/2″ and 3″ punch and die available.



Features and Benefits

- Hydraulic driver punches up to 10-gauge mild steel or 12-gauge stainless steel.
- Four-point design allows slug to drop automatically without splitting.
- Lightweight and easy to use.
- Hydraulic driver operates in any position.
- 1-year limited warranty.

BKOS520 SPECIFICATIONS

Description	Weight
1/2″ – 2″ Self-Contained Hydraulic Set	14 lbs.

SET INCLUDES

Catalog Number	Description	Hole	Weight
BKP500B	1/2″ Punch	7/8″	.4 lb.
BKD500B	1/2″ Die	7/8″	1 lb.
BKP750B	3/4″ Punch	1-3/32″	.4 lb.
BKD750B	3/4″ Die	1-3/32″	1 lb.
BKP1000B	1″ Punch	1-11/32″	1 lb.
BKD1000B	1″ Die	1-11/32″	1 lb.
BKP1250B	1-1/4″ Punch	1-11/16″	2 lb.
BKD1250B	1-1/4″ Die	1-11/16″	2 lb.
BKP1500B	1-1/2″ Punch	1-15/16″	2 lb.
BKD1500B	1-1/2″ Die	1-15/16″	2 lb.
BKP2000B	2″ Punch	2-3/8″	2 lb.
BKD2000B	2″ Die	2-3/8″	2 lb.
BKLP2	Hydraulic Driver	—	10 lb.
BKPR7520	Drawstud	—	1 lb.
BKPS50	Drawstud	—	.2 lb.
BKSA50	Drawstud Adapter	—	.3 lb.
BK88020	Metal Storage Case	—	4.1 lb.

ACCESSORIES

Components for the kit listed above can be purchased separately. Additional accessories, not included in kit, are listed below.

Catalog Number	Description	Hole	Weight
BKP2500	2-1/2″ Punch	2-7/8″	3 lb.
BKD2500	2-1/2″ Die	2-7/8″	3 lb.
BKP3000	3″ Punch	3-1/2″	4 lb.
BKD3000	3″ Die	3-1/2″	4 lb.
BKLP2K1	Seal Repair Kit	—	—

BKOH520A

HYDRAULIC KNOCKOUT SET

For 1/2″ – 2″ Conduit

The BURNDY® Hydraulic Knockout Set is designed to punch holes for 1/2″ – 2″ conduit in distribution boxes, electrical panels and troughs. Provided with hand pump.

The Hydraulic Knockout Set is provided with a 1-year limited warranty.



BKOH520A SET INCLUDES

Catalog Number	Description	Hole	Weight
BKP500B	1/2″ Punch	7/8″	.4 lb.
BKD500B	1/2″ Die	7/8″	1 lb.
BKP750B	3/4″ Punch	1-3/32″	.4 lb.
BKD750B	3/4″ Die	1-3/32″	1 lb.
BKP1000B	1″ Punch	1-11/32″	1 lb.
BKD1000B	1″ Die	1-11/32″	1 lb.
BKP1250B	1-1/4″ Punch	1-11/16″	2 lb.
BKD1250B	1-1/4″ Die	1-11/16″	2 lb.
BKP1500B	1-1/2″ Punch	1-15⁄16″	2 lb.
BKD1500B	1-1/2″ Die	1-15⁄16″	2 lb.
BKP2000B	2″ Punch	2-3/8″	2 lb.
BKD2000B	2″ Die	2-3/8″	2 lb.
BPH20	Hand Pump — 2 speed	—	5 lb.
BKPR7540	Drawstud for 3/4″ – 4″ Punches & Dies	—	2.5 lb.
BKPS50*	Stainless Steel Drawstud, 3/8″ dia.	—	.2 lb.
BKC3540**	Converter	—	.4 lb.
BCH1211	12-ton Hydraulic Cylinder	—	6 lb.
BH864	6′ Rubber Hose Coupler	—	2 lb.
BCM5	Metal Case	—	11 lb.

* Must be used with 1/2″ punch and die.
** Must be used with 3-1/2″ – 4″ punch and die.

BKOH520A SPECIFICATIONS

Description	Weight
1/2″ – 2″ Hydraulic Knockout Set with BPH20 Hand Pump	31 lb.

Features and Benefits

- Four-point design allows slug to drop automatically without splitting.
- Punches up to 10-gauge mild steel or 12-gauge stainless steel.
- Hand-powered hydraulic pump.
- Assortment of punches, dies and accessories.
- Includes metal storage case (11-1/8″ x 18-3/4″ x 6-1/4″).
- Competitors' punches and dies are interchangeable.
- 1-year limited warranty.

ACCESSORIES

Components for kit listed above can be purchased separately.

Blue highlighted items are industry standard and most frequently ordered.

BKOH540A

HYDRAULIC KNOCKOUT SET

For 1/2″ – 4″ Conduit

The BURNDY® Hydraulic Knockout Set is designed to punch holes for 1/2″ – 4″ conduit in distribution boxes, electrical panels and troughs. Provided with hand pump.

The Hydraulic Knockout Set is provided with a 1-year limited warranty.



BKOH540A SET INCLUDES

Catalog Number	Description	Hole	Weight
BKP500B	1/2″ Punch	7/8″	.4 lb.
BKD500B	1/2″ Die	7/8″	1 lb.
BKP750B	3/4″ Punch	1-3/32″	.4 lb.
BKD750B	3/4″ Die	1-3/32″	1 lb.
BKP1000B	1″ Punch	1-11/32″	1 lb.
BKD1000B	1″ Die	1-11/32″	1 lb.
BKP1250B	1-1/4″ Punch	1-11/16″	2 lb.
BKD1250B	1-1/4″ Die	1-11/16″	2 lb.
BKP1500B	1-1/2″ Punch	1-15/16″	2 lb.
BKD1500B	1-1/2″ Die	1-15/16″	2 lb.
BKP2000B	2″ Punch	2-3/8″	2 lb.
BKD2000B	2″ Die	2-3/8″	2 lb.
BKP2500	2-1/2″ Punch	2-7/8″	3 lb.
BKD2500	2-1/2″ Die	2-7/8″	3 lb.
BKP3000	3″ Punch	3-1/2″	4 lb.
BKD3000	3″ Die	3-1/2″	4 lb.
BKP3500	3-1/2″ Punch	4″	4 lb.
BKD3500	3-1/2″ Die	4″	4 lb.
BKP4000	4″ Punch	4-1/2″	4 lb.
BKD4000	4″ Die	4-1/2″	4 lb.
BPH20	Hand Pump — 2 speed	—	5 lb.
BKPR7540	Drawstud for 3/4″ – 4″ Punches & Dies	—	2.5 lb.
BKPS50*	Stainless Steel Drawstud, 3/4″ dia.	—	.2 lb.
BKC3540**	Converter	—	.4 lb.
BCH1211	12-ton Hydraulic Cylinder	—	6 lb.
BH864	6′ Rubber Hose Coupler	—	2 lb.
BCM5	Metal Case	—	11 lb.

* Must be used with 1/2” punch and die.
** Must be used with 3-1/2” – 4” punch and die.

BKOH540A SPECIFICATIONS

Description	Weight
1/2″ – 4″ Hydraulic Knockout Set with BPH20 Hand Pump	50 lb.

Features and Benefits

- Four-point design allows slug to drop automatically without splitting.
- Punches up to 10-gauge mild steel or 12-gauge stainless steel.
- Hand–powered hydraulic pump.
- Assortment of punches, dies and accessories.
- Includes metal storage case (11-1/8″ x 18-3/4″ x 6-1/4″).
- Competitors’ punches and dies are interchangeable.
- 1-year limited warranty.

ACCESSORIES

Components for kit listed above can be purchased separately.

BKOF520

HYDRAULIC KNOCKOUT SET

For 1/2″ – 2″ Conduit

The BURNDY® Hydraulic Knockout Set is designed to punch holes for 1/2″ – 2″ conduit in distribution boxes, electrical panels and troughs. Provided with foot pump.

The Hydraulic Knockout Set is provided with a 1-year limited warranty.



BKOF520 SPECIFICATIONS

Description	Weight
1/2″ – 2″ Hydraulic Knockout Set with BPF20 Foot Pump	31 lb.

Features and Benefits

- Four-point design allows slug to drop automatically without splitting.
- Punches up to 10-gauge mild steel or 12-gauge stainless steel.
- Foot-powered hydraulic pump.
- Assortment of punches, dies and accessories.
- Includes metal storage case (11-1/8″ x 18-3/4″ x 6-1/4″).
- Competitors' punches and dies are interchangeable.
- 1-year limited warranty.

BKOF520 SET INCLUDES

Catalog Number	Description	Hole	Weight
BKP500B	1/2″ Punch	7/8″	.4 lb.
BKD500B	1/2″ Die	7/8″	1 lb.
BKP750B	3/4″ Punch	1-3/32″	.4 lb.
BKD750B	3/4″ Die	1-3/32″	1 lb.
BKP1000B	1″ Punch	1-11/32″	1 lb.
BKD1000B	1″ Die	1-11/32″	1 lb.
BKP1250B	1-1/4″ Punch	1-11/16″	2 lb.
BKD1250B	1-1/4″ Die	1-11/16″	2 lb.
BKP1500B	1-1/2″ Punch	1-15⁄16″	2 lb.
BKD1500B	1-1/2″ Die	1-15⁄16″	2 lb.
BKP2000B	2″ Punch	2-3/8″	2 lb.
BKD2000B	2″ Die	2-3/8″	2 lb.
BPF20	Foot Pump — 2 speed	—	5 lb.
BKPR7540	Drawstud for 3/4″ – 4″ Punches & Dies	—	2.5 lb.
BKPS50*	Stainless Steel Drawstud, 3/8″ dia.	—	.2 lb.
BKC3540**	Converter	—	.4 lb.
BCH1211	12-ton Hydraulic Cylinder	—	6 lb.
BH864	6′ Rubber Hose Coupler	—	2 lb.
BCM5	Metal Case	—	11 lb.

* Must be used with 1/2″ punch and die.
** Must be used with 3-1/2″ – 4″ punch and die.

ACCESSORIES

Components for kit listed above can be purchased separately.

Blue highlighted items are industry standard and most frequently ordered.

BKOF540

HYDRAULIC KNOCKOUT SET

For 1/2″ – 4″ Conduit

The BURNDY® Hydraulic Knockout Set is designed to punch holes for 1/2″ – 4″ conduit in distribution boxes, electrical panels and troughs. Provided with foot pump.

The Hydraulic Knockout Set is provided with a 1-year limited warranty.



BKOH540A SPECIFICATIONS

Description	Weight
1/2″ – 4″ Hydraulic Knockout Set with BPF20 Foot Pump	50 lb.

Features and Benefits

- Four-point design allows slug to drop automatically without splitting.
- Punches up to 10-gauge mild steel or 12-gauge stainless steel.
- Foot–powered hydraulic pump.
- Assortment of punches, dies and accessories.
- Includes metal storage case (11-1/8″ x 18-3/4″ x 6-1/4″).
- Competitors' punches and dies are interchangeable.
- 1-year limited warranty.

BKOH540A SET INCLUDES

Catalog Number	Description	Hole	Weight
BKP500B	1/2″ Punch	7/8″	.4 lb.
BKD500B	1/2″ Die	7/8″	1 lb.
BKP750B	3/4″ Punch	1-3/32″	.4 lb.
BKD750B	3/4″ Die	1-3/32″	1 lb.
BKP1000B	1″ Punch	1-11/32″	1 lb.
BKD1000B	1″ Die	1-11/32″	1 lb.
BKP1250B	1-1/4″ Punch	1-11/16″	2 lb.
BKD1250B	1-1/4″ Die	1-11/16″	2 lb.
BKP1500B	1-1/2″ Punch	1-15/16″	2 lb.
BKD1500B	1-1/2″ Die	1-15/16″	2 lb.
BKP2000B	2″ Punch	2-3/8″	2 lb.
BKD2000B	2″ Die	2-3/8″	2 lb.
BKP2500	2-1/2″ Punch	2-7/8″	3 lb.
BKD2500	2-1/2″ Die	2-7/8″	3 lb.
BKP3000	3″ Punch	3-1/2″	4 lb.
BKD3000	3″ Die	3-1/2″	4 lb.
BKP3500	3-1/2″ Punch	4″	4 lb.
BKD3500	3-1/2″ Die	4″	4 lb.
BKP4000	4″ Punch	4-1/2″	4 lb.
BKD4000	4″ Die	4-1/2″	4 lb.
BPF20	Foot Pump — 2 speed	—	5 lb.
BKPR7540	Drawstud for 3/4″ – 4″ Punches & Dies	—	2.5 lb.
BKPS50*	Stainless Steel Drawstud, 3/4″ dia.	—	.2 lb.
BKC3540**	Converter	—	.4 lb.
BCH1211	12-ton Hydraulic Cylinder	—	6 lb.
BH864	6′ Rubber Hose Coupler	—	2 lb.
BCM5	Metal Case	—	11 lb.

* Must be used with 1/2" punch and die.
** Must be used with 3-1/2" – 4" punch and die.

ACCESSORIES

Components for kit listed above can be purchased separately.

B12E, B34E12R, B1E34R

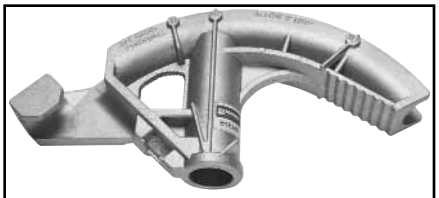
CONDUIT HAND BENDERS

The BURNDY® Aluminum Hand Bender is designed to bend EMT and Rigid conduit. The size range is 1/2″ - 1″ EMT.

The conduit hand bender is provided with a 5-year limited warranty.



B12E



B1E34R



B34E12R

Features and Benefits

- All models include embossment with sight lines for 10°, 22°, 30°, 45°, 60° and 90°.
- Industry standard markings — 30° bend when handle is straight up.
- The non-slip foot pedal is contoured allowing more foot room.
- 3/4″ and 1″ bender heads have levels which makes aligning easy.
- Designed with a channel to bend conduit back if you have an over-bend.
- 5-year limited warranty.



Handles

Bender Part Number	Description	Weight
B12E	1/2″ EMT (bender head only)	.90 lbs
B34E12R	3/4″ EMT – 1/2″ RIGID (bender head only)	1.80 lbs
B1E34R	1″ EMT – 3/4″ RIGID (bender head only)	3.55 lbs
Handle Part Number	**Description**	**Weight**
H12E	Handle for 1/2″ bender	3.65 lbs
H34E12R	Handle for 3/4″ bender	3.65 lbs
H1E34R	Handle for 1″ bender	5.45 lbs
Assembly (Bender & Handle)	**Description**	**Weight**
BHA12E	1/2″ EMT bender with handle	4.55 lbs
BHA34E12R	3/4″ EMT – 1/2″ RIGID bender with handle	5.45 lbs
BHA1E34R	1″ EMT – 3/4″ RIGID bender with handle	9 lbs

Blue highlighted items are industry standard and most frequently ordered.

BEB122

ELECTRIC CONDUIT BENDER

For 1/2″ - 2″ Conduit and Pipe

The BURNDY® BEB122 electric conduit bender is designed to bend 1/2″ - 2″ rigid conduit, IMC, EMT and 2" PVC coated conduit. The BEB122 bender assists the electrical contractor on larger jobs and will save time and labor.

The BEB122 electrical bender is provided with a 2-year limited warranty.

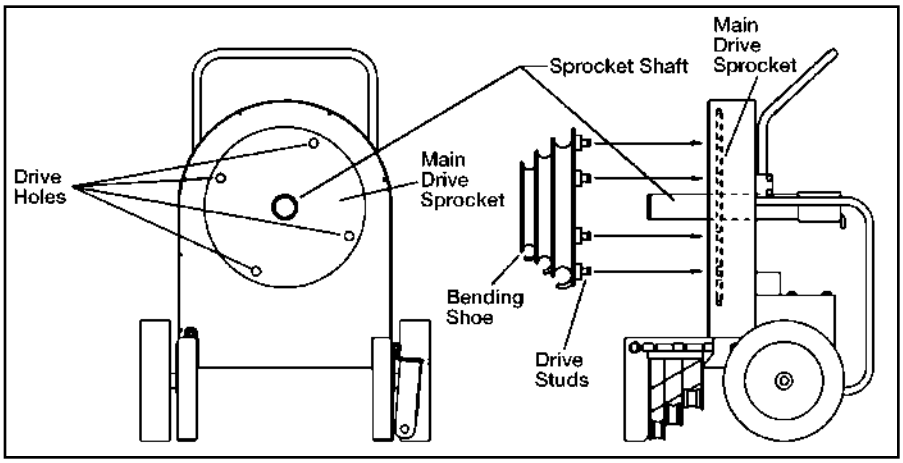


ACCESSORIES

Part Number	Description	Weight
BEBSHOECASE	Metal storage box	36 lbs.

Features and Benefits

- The electric bender is available for Rigid, EMT, IMC or PVC. Bender can also be purchased without shoes.
- Shoes and roller supports interchange with the Gardner Bender® GB2555, Greenlee® 555 and Current Tools® 77 series. (Only exception is using the Greenlee® four groove rigid shoe #00571. You must use roller support #00936.)
- Reliable electrical system that offers ease of repairs (does not contain any circuit boards).
- Proudly "Made in the USA."
- Maximum schedule 40 conduit.
- Will produce 180 degree bends in a single cycle.
- Limit stop control for bend angle settings.
- Operates on 115-120VAC 60Hz.
- Built in bend angle protractor bends 90 degrees quickly and efficiently.
- 2-year limited warranty.



Part Number	Description	Weight
BEB122	Electric Bender Power Unit only, without shoes and roller supports	270 lbs.
BEB122RIG	Electric Bender with shoes and roller supports for 1/2″ through 2″ RIGID conduit schedule 40 pipe and 1/2″ through 1-1/4″ IMC conduit	365 lbs.
BEB122EMT*	Electric Bender with shoes and roller supports for 1/2″ through 2″ EMT conduit	430 lbs.
BEB122PVC*	Electric Bender with shoes and roller supports for 1/2″ through 2″ PVC coated RIGID conduit	365 lbs.
122RIG	Shoes and roller supports only, for bending 1/2″ thru 2″ RIGID conduit, 1/2″ through 1-1/4″ IMC conduit and 1/2″ through 2″ Schedule 40 pipe	74 lbs.
122EMT*	Shoes and roller supports only, for bending 1/2″ through 2″ EMT (thinwall)	160 lbs.
122IMC*	Shoes and roller supports only, for bending 1-1/2″ and 2″ IMC	127 lbs.
122PVC*	Shoes and roller supports only, for bending 1/2″ through 2″ 40 mil PVC coated RIGID	110 lbs.

* Shoes and roller supports come with BEBSHOECASE metal box.

Blue highlighted items are industry standard and most frequently ordered.

BSC2H

The SmartCart®

2 Wheel Heavy Duty Cart

The SmartCart® is a versatile wire management system consisting of 2 wheeled carts, various modular wire racks for carrying spools of wire and wall storage units to organize and store racks with wire when not in use. The SmartCart® wire management system will assist the electrical contractor with wire installations, improves wire storage, and saves time and labor.

Heavy duty carts are rated for 600 lbs. capacity.

The SmartCart® is provided with a 1-year limited warranty.



BSC2H

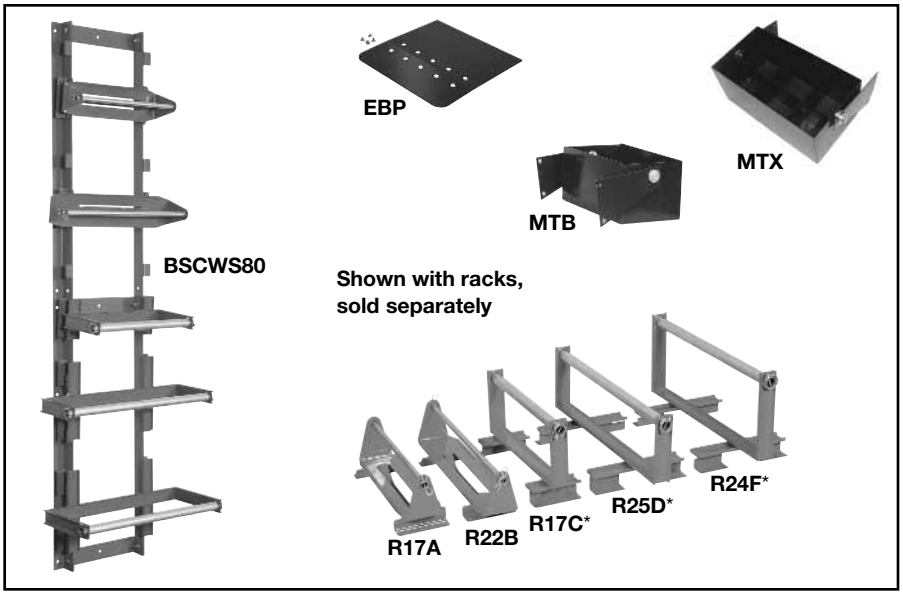


BSC2HA1B1FEBP

Features and Benefits

- Order as standard configuration or customize to your needs with various size racks
- Two holders provided for up to 1″ conduit benders
- Built-in tray to hold fish tapes and tools
- Handles are pre-dimpled for mounting material tool boxes (MTB and MTX)
- Cart base plate is pre-punched to accommodate mounting of the extension base plate with built-in wire guide
- Spools are easily changed by placing rack on its side, removing hitch pin and shaft, roll-out and roll-in desired new spool
- Motionless vise attached to the back of cart for cutting 1/2″, 3/4″ and 1″ conduit

Catalog Number	Description	Weight
BSC2H	2-Wheel Heavy Duty without racks	37 lbs.
BSC2H5A	2-Wheel Heavy Duty with (5) R17A racks	62 lbs.
BSC2H3A2B	2-Wheel Heavy Duty with (3) R17A racks and (2) R22B racks	64 lbs.
BSC2H5B	2-Wheel Heavy Duty with (5) R22B racks	67 lbs.
BSC2H1C2DEBP	2-Wheel Heavy Duty with (1) R17C rack, (2) R25D racks and (1) EBP	86 lbs.
BSC2H2C1DEBP	2-Wheel Heavy Duty with (2) R17C racks, (1) R25D rack and (1) EBP	82 lbs.
BSC2H2A1B1FEBP	2-Wheel Heavy Duty with (2) R17A racks (1) R22B rack (1) R24F rack and (1) EBP	81 lbs.



ACCESSORIES

EBP	Extension Base Plate with built-in wire guide
MTB	Material Tool Box 11″ L × 6″ W × 5″ D
MTX	Material Tool Box (MTB) with Dividers 6-Pockets: 3-5/8″ L × 3″ W × 3″ D
R17A	17″ wide rack for 7-1/2″ diameter spools with 1/2″ EMT spindles
R22B	22″ wide rack for 7-1/2″ diameter spools with 1/2″ EMT spindles
R17C *	17″ wide rack for 12″ diameter spools with 1″ EMT spindles
R25D *	25″ wide rack for 12″ diameter spools with 1″ EMT spindles
R24F *	24″ wide rack for 2-16″ diameter reels with 1″ EMT spindles
BSCWS40	40″ Wall Wire Reel Storage System
BSCWS80	80″ Wall Wire Reel Storage System

*Note: The R17C, R25D, and R24F racks are designed for oversized reels. The Extension Base Plate (EBP) is required when used on The SmartCart®.

Blue highlighted items are industry standard and most frequently ordered.

BSC2L

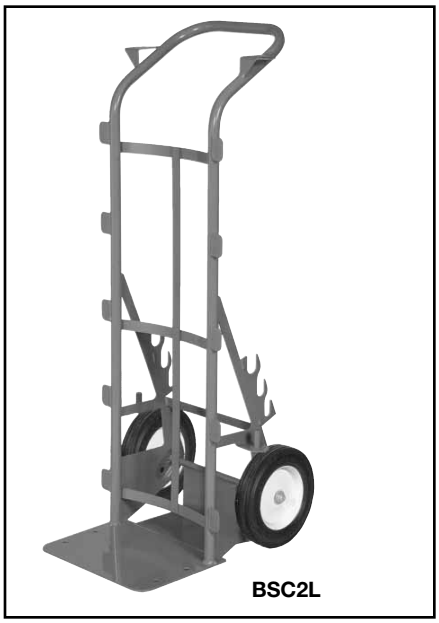
The SmartCart®

2 Wheel Light Duty Cart

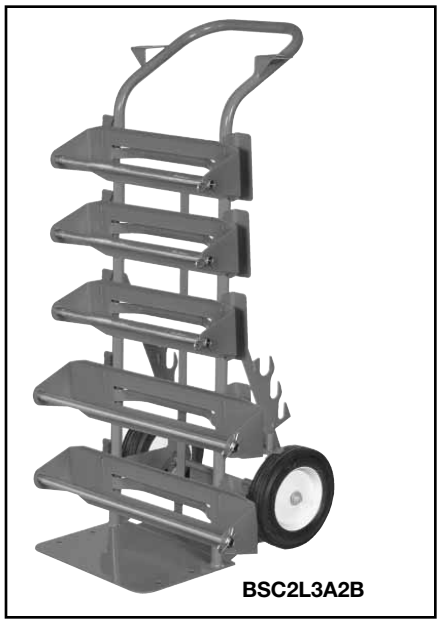
The SmartCart® is a versatile wire management system consisting of 2 wheeled carts, various modular wire racks for carrying spools of wire and wall storage units to organize and store racks with wire when not in use. The SmartCart® wire management system will assist the electrical contractor with wire installations, improves wire storage, and saves time and labor.

Light duty carts are rated for 300 lbs capacity.

The SmartCart® is provided with a 1-year limited warranty.



BSC2L

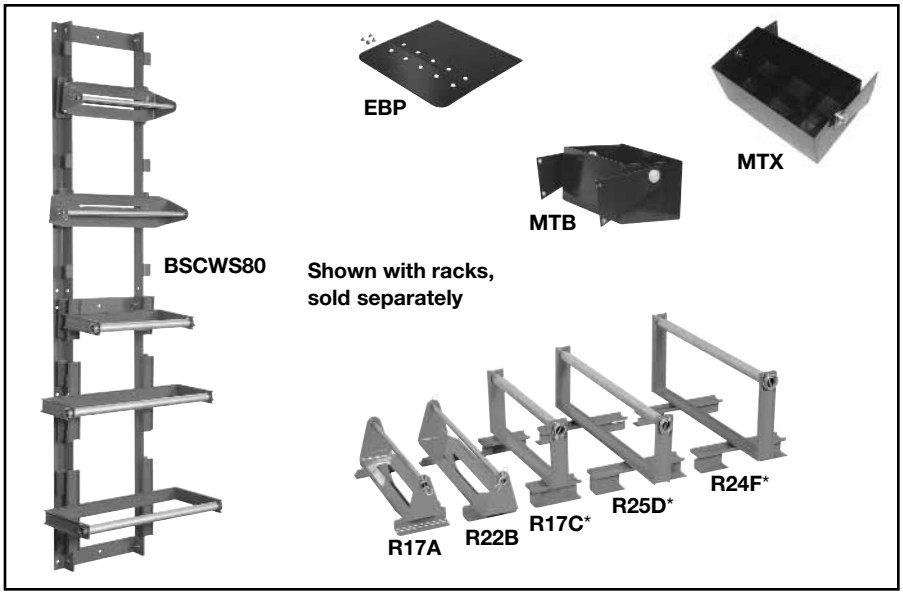


BSC2L3A2B

Features and Benefits

- Order as standard configuration or customize to your needs with various size racks
- Two holders provided for up to 1″ conduit benders
- Built-in tray to hold fish tapes and tools
- Handles are pre-dimpled for mounting material tool boxes (MTB and MTX)
- Cart base plate is pre-punched to accommodate mounting of the extension base plate with built-in wire guide
- Spools are easily changed by placing rack on its side, removing hitch pin and shaft, roll-out and roll-in desired new spool
- Motionless vise attached to the back of cart for cutting 1/2″, 3/4″ and 1″ conduit

Catalog Number	Description	Weight
BSC2L	2-Wheel Light Duty without racks	37 lbs.
BSC2L5A	2-Wheel Light Duty with (5) R17A racks	62 lbs.
BSC2L3A2B	2-Wheel Light Duty with (3) R17A racks and (2) R22B racks	64 lbs.
BSC2L5B	2-Wheel Light Duty with (5) R22B racks	67 lbs.
BSC2L1C2DEBP	2-Wheel Light Duty with (1) R17C rack, (2) R25D racks and (1) EBP	86 lbs.
BSC2L2C1DEBP	2-Wheel Light Duty with (2) R17C racks, (1) R25D rack and (1) EBP	82 lbs.



ACCESSORIES

EBP	Extension Base Plate with built-in wire guide
MTB	Material Tool Box 11″ L × 6″ W × 5″ D
MTX	Material Tool Box (MTB) with Dividers 6-Pockets: 3-5/8″ L × 3″ W × 3″ D
R17A	17″ wide rack for 7-1/2″ diameter spools with 1/2″ EMT spindles
R22B	22″ wide rack for 7-1/2″ diameter spools with 1/2″ EMT spindles
R17C *	17″ wide rack for 12″ diameter spools with 1″ EMT spindles
R25D *	25″ wide rack for 12″ diameter spools with 1″ EMT spindles
R24F *	24″ wide rack for 2-16″ diameter reels with 1″ EMT spindles
BSCWS40	40″ Wall Wire Reel Storage System
BSCWS80	80″ Wall Wire Reel Storage System

*Note: The R17C, R25D, and R24F racks are designed for oversized reels. The Extension Base Plate (EBP) is required when used on The SmartCart®.

Blue highlighted items are industry standard and most frequently ordered.

BSCWS40 AND BSCWS80

The SmartCart®

Wall Wire Reel Storage System

The BSCWS40, 40″ high and BSCWS80, 80″ high Wall Wire Reel Storage Systems are designed to work in a van, panel truck or shop and handles all 2 wheel SmartCart® racks.

Provides a time saving advantage by storing wire on racks which can be easily moved to 2 wheel carts for transporting and wire pulling.

Sizes: 40″ high, 17″ wide, 2-3/4″ deep
80″ high, 17″ wide, 2-3/4″ deep

The SmartCart® is provided with a 1-year limited warranty.



BSCWS80



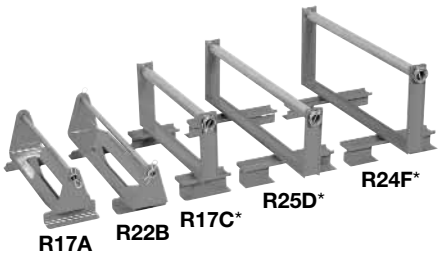
Shown with racks, sold separately



BSCWS40



Shown with racks, sold separately



Modular Racks for 2 Wheel Carts

(sold separately)

R17A	17″ wide rack for 7-1/2″ diameter spools with 1/2″ EMT spindles
R22B	22″ wide rack for 7-1/2″ diameter spools with 1/2″ EMT spindles
R17C *	17″ wide rack for 12″ diameter spools with 1″ EMT spindles
R25D *	25″ wide rack for 12″ diameter spools with 1″ EMT spindles
R24F *	24″ wide rack for 2-16″ diameter reels with 1″ EMT spindles

*Note: The R17C, R25D, and R24F racks are designed for oversized reels. The Extension Base Plate (EBP) is required when used on The SmartCart®.

Blue highlighted items are industry standard and most frequently ordered.

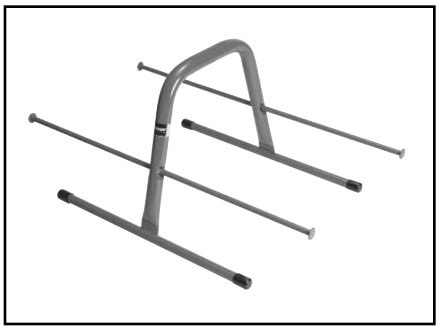
BWC04EHC

BURNDY® Wire Caddies

Economy Hand Caddy

The BWC04EHC Economy Hand Caddy is designed for 500′ spools of #10 AWG and smaller. No hitch pins to lose as retaining washers keep spools on spindles. (Can also be mounted on the BWC24MTHTC.)

Maximum Weight Capacity: 200 lbs.
Spool capacity: (8) 500′ spools of #12 AWG (4) 500′ spools of #10 AWG
Size: 10-1/2″ high, 13-1/2″ wide, 21″ long
Weight: 4 lbs.



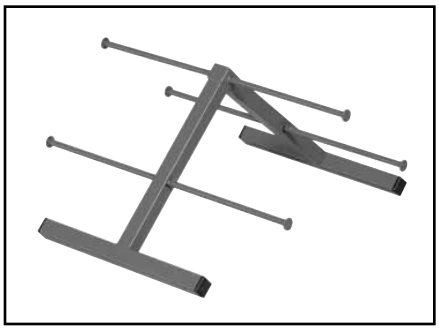
BWC06FHC

BURNDY® Wire Caddies

Folding Hand Caddy

The BWC06FHC Folding Hand Caddy is designed for 500′ spools of #10 AWG and smaller. No hitch pins to lose as retaining washers keep spools on spindles. Caddy folds down to 2-1/2” for compact storage.

Maximum Weight Capacity: 120 lbs.
Spool capacity: (6) 500′ spools of up to #10 AWG
Size: 10″ high, 18″ wide
Weight: 5 lbs.



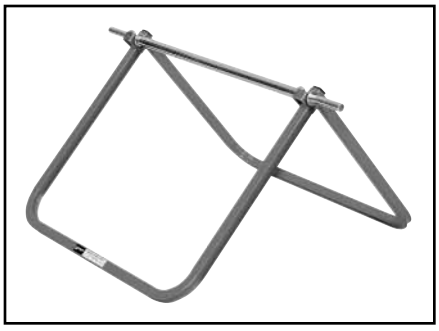
BWC01CMC

BURNDY® Wire Caddies

Compact Medium Caddy

The BWC01CMC is designed for medium size heavier reels. No hitch pins to lose. 3/4” solid steel spindle under 1” tubing sleeves for easy payout. Folds down for compact storage. (Can also be mounted on the BWC-24MTHTC.)

Maximum Weight Capacity: 300 lbs.
Reel capacity: 24-1/2″ traverse, 30″ diameter, 250 lbs.
Size: 24″ high, 35″ spindle length
Weight: 15 lbs.



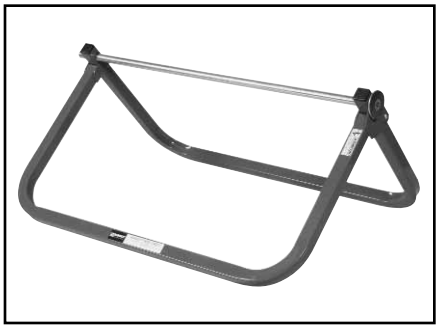
BWC01CDC

BURNDY® Wire Caddies

Compact Data Caddy

The BWC01CDC Compact Data Caddy is designed for medium size reels like Cat 5 or even 1000′ NM-B mounted on a 5/8” solid steel spindle. No hitch pins to lose and folds down for compact storage.

Maximum Weight Capacity: 300 lbs.
Reel capacity: 24-1/2″ traverse, 20″ diameter, 250 lbs.
Size: 16″ high, 28-1/2″ long
Weight: 9 lbs.



Blue highlighted items are industry standard and most frequently ordered.

BWC46CWD

BURNDY® Wire Caddies

Caddy Wire Dispenser

The BWC46CWD is designed for spools up to 9" diameter. No hitch pins to lose with (6) 1/2" solid steel spindles. Retaining washers keep spools on spindles. Removable handle with built in wire guide. (2) locking swivel casters and (2) swivel casters.

Maximum Weight Capacity: 350 lbs.
Spool capacity: 12-1/4" traverse, 9" diameter (per spindle)
Size: 16-1/2" high, 26" wide, 16" long
Weight: 19 lbs.



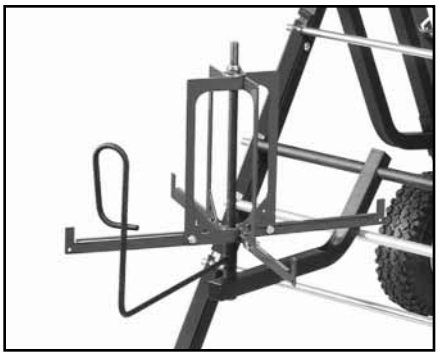
BWC01FCMR

BURNDY® Wire Caddies

Folding Caddy Mount Reel

The BWC01FCMR Folding Caddy Mount Reel is designed for dispensing coiled NM-B or MC. Attaches to the BWC28FAC for portability and accepts add-on BWC01FAR for additional coils. Caddy folds down for compact storage.

Maximum Weight Capacity: 100 lbs.
Capacity: (2) 250′ coils of NM-B; (1) 250′ coil of MC
Size: 15" high × 18" wide
Weight: 8 lbs.



BWC28FAC

BURNDY® Wire Caddies

Folding A-Frame Caddy

The BWC28FAC Folding A-Frame Caddy is designed for 500′ spools of #10 AWG and smaller. No hitch pins to lose with (8) 1/2" solid steel spindles, (2) 8 × 1-1/2" semi-pneumatic tires. Folds down for compact storage and wire can be left on caddy when folded. BWC01FCMR can be mounted for portability.

Maximum Weight Capacity: 400 lbs.
Spool capacity: 18" traverse, 6-3/4" diameter (per spindle)
Size: 47" High, 28-1/4" wide, 15-1/2" deep (when folded)
Weight: 45 lbs.



Blue highlighted items are industry standard and most frequently ordered.

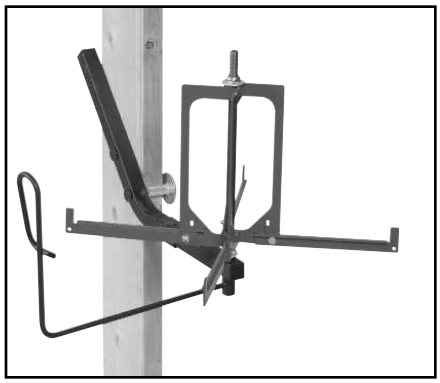
BWC01FSMC

BURNDY® Wire Caddies

Folding Stud Mount Caddy

The BWC01FSMC Folding Stud Mount Caddy is designed for dispensing coiled NM-B or MC while attached to wood studs. Caddy offers a universal mounting device for 2″ × 4″ or 2″ × 6″ studs. Caddy folds down for compact storage; accepts add-on BWC01FAR for additional coils.

Maximum Weight Capacity: 125 lbs.
Capacity: (2) 250′ coils of NM-B, (1) 250′ coil of MC
Size: 16″ high, 20-3/4″ (open), 5″ (folded) wide
Weight: 6 lbs.



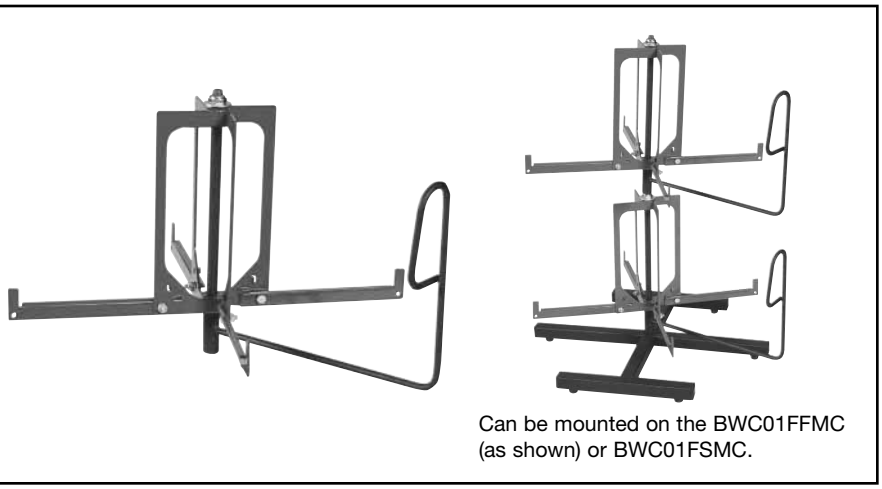
BWC01FAR

BURNDY® Wire Caddies

Folding Add-On Reel

The BWC01FAR Folding Add-On Reel is designed for dispensing coiled NM-B or MC while attached to BWC01FSMC or BWC01FFMC. Caddy Folds down for compact storage.

Maximum Weight Capacity: 100 lbs.
Capacity: (2) 250′ coils of NM-B, (1) 250′ coil of MC
Size: 16″ high, 20-3/4″ (open), 5″ (folded) wide
Weight: 4 lbs.



Can be mounted on the BWC01FFMC (as shown) or BWC01FSMC.

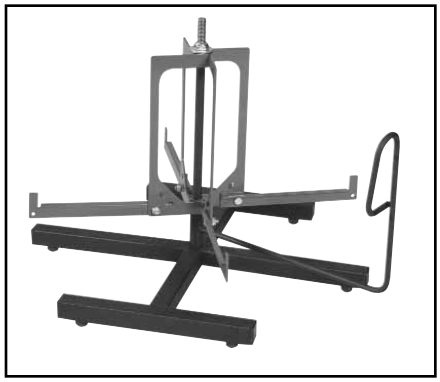
BWC01FFMC

BURNDY® Wire Caddies

Folding Floor Mount Caddy

The BWC01FFMC Folding Floor Mount Caddy is designed for dispensing coiled NM-B or MC. Caddy folds down for compact storage; accepts add-on reel BWC01FAR for additional coils. (Can also be mounted on the BWC24MTHTC.)

Maximum Weight Capacity: 125 lbs.
Capacity: (2) 250′ coils of NM-B, (1) 250′ coil of MC
Size: 16″ high, 20-3/4″ (open), 5″ (folded) wide
Weight: 8 lbs.



BWC46RC

BURNDY® Wire Caddies

6 Spindle Reel Caddy

The BWC46RC 6 Spindle Reel Caddy is designed for 2500′ reels of #10 AWG and smaller. No hitch pins to lose with (6) 3/4″ solid steel spindles under 1″ tubing sleeves for easy pay out. Retaining washers to keep reels on spindles. Folds down for compact storage. (2) 4″ locking swivel casters and (2) 8″ molded rubber wheels.

Maximum Weight Capacity: 750 lbs.
Reel capacity: 14-3/4″ traverse, 15″ diameter (per spindle)
Size: 40-1/2″ high, 33″ wide
Weight: 66 lbs.



BWC410RC

BURNDY® Wire Caddies

10 Spindle Reel Caddy

The BWC410RC 10 Spindle Reel Caddy is designed for 2500′ reels of #10 AWG and smaller. No hitch pins to lose with (10) 3/4″ solid steel spindles under 1″ tubing sleeves for easy pay out. Retaining washers to keep reels on spindles. Folds down for compact storage. (2) 4″ locking swivel casters and (2) 8″ molded rubber wheels.

Maximum Weight Capacity: 1200 lbs.
Reel capacity: 14-3/4″ traverse, 15″ diameter (per spindle)
Size: 51-1/2″ high, 34-1/2″ wide
Weight: 91 lbs.



BWC420MSC

BURNDY® Wire Caddies

Multi-Spool Caddy

The BWC420MSC Multi-Spool Caddy is designed for 500′ reels of #10 AWG and smaller. No hitch pins to lose with (20) 1/2″ solid steel spindles. Retaining washers to keep reels on spindles. Folds down for compact storage. (2) 4″ locking swivel casters and (2) 8″ molded rubber wheels.

Maximum Weight Capacity: 1000 lbs.
Reel capacity: 14-3/4″ traverse, 7″ diameter (per spindle)
Size: 45″ high, 34-1/2″ wide
Weight: 80 lbs.



Blue highlighted items are industry standard and most frequently ordered.

BWC24HTC

BURNDY® Wire Caddies

Hand Truck Caddy

The BWC24HTC Hand Truck Caddy is designed for 500′ spools of #10 AWG and smaller. No hitch pins to lose with (4) 1/2″ solid steel spindles. (2) 10″ x 4″ wheels with pneumatic tube tires.

Maximum Weight Capacity: 400 lbs.
Spool capacity: 18″ traverse; 6-3/4″ diameter (per spindle)
Size: 47″ High, 28-1/4″ wide, 15-1/2” deep
Weight: 38 lbs.


BWC24HTC

BWC25LHTC, BWC00ADP AND BWC27LHTCADP

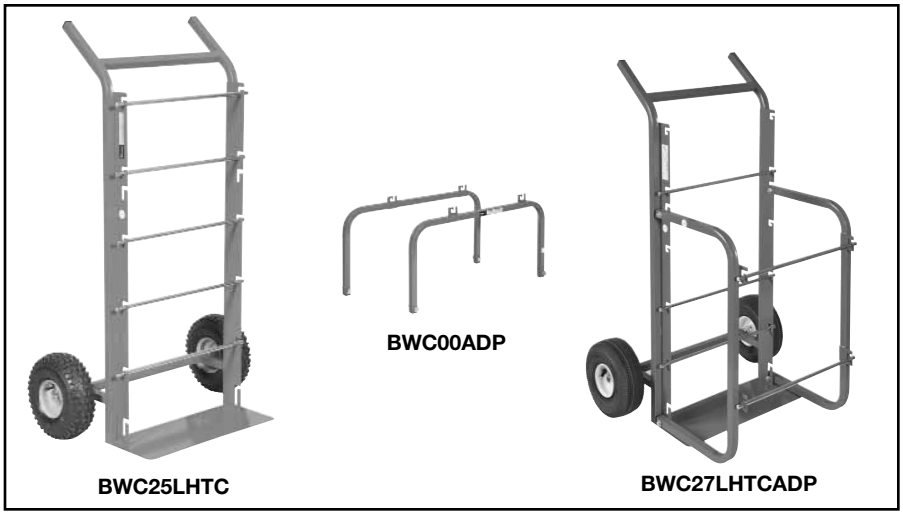
BURNDY® Wire Caddies

Large Hand Truck Caddy

The BWC25LHTC is designed for 500′ spools of #10 AWG and smaller. Accommodates larger spools with BWC00ADP attached. No hitch pins to lose with (5) 1/2″ solid steel spindles. (2) 8″ × 1-1/2″ semi pneumatic tires.

BWC25LHTC and BWC00ADP sold separately or combined as BWC27LHTCADP.

Maximum Weight Capacity: 400 lbs.
Spool capacity: 17-1/2″ traverse, 7″ diameter (per spindle)
With BWC00ADP: Max: 5 × 17-1/2″ traverse, 4 × 15″, 1 × 12″ diameter


BWC25LHTC
BWC00ADP
BWC27LHTCADP

Size: 48″ high, 27″ wide, 16-1/2″ deep
Weight:

BWC25LHTC	38 lbs.
BWC00ADP	9 lbs.
BWC27LHTCADP	47 lbs.

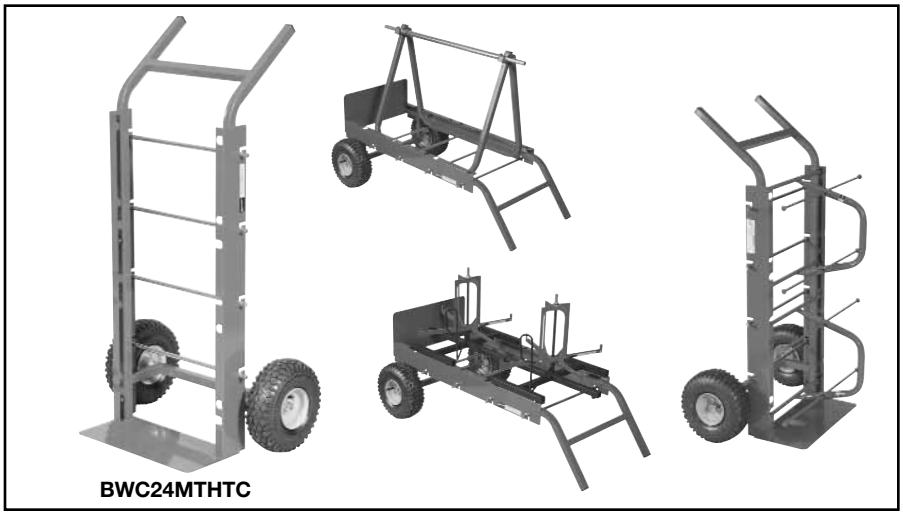
BWC24MTHTC

BURNDY® Wire Caddies

Multi-Task Hand Truck Caddy

The BWC24MTHTC Multi-Task Hand Truck Caddy is designed for 500′ spools of #10 AWG and smaller. No hitch pins to lose with (4) 1/2″ solid steel spindles, (2) 8 × 1-1/2″ semi-pneumatic tires. Base platform to carry (2) BWC04EHC, or (2) BWC01FFMC, or (1) BWC01CMC.

Maximum Weight Capacity: 400 lbs.
Spool capacity: 14″ traverse, 6-3/4″ diameter (per spindle)
Size: 46″ high, 21″ wide, 16″ deep
Weight: 36 lbs.


BWC24MTHTC

Blue highlighted items are industry standard and most frequently ordered.

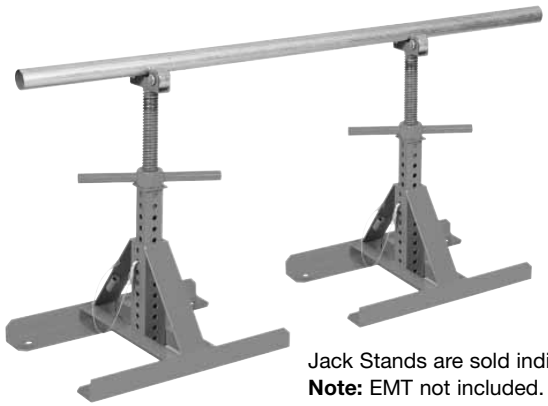
BWC00JS

BURNDY® Wire Caddies

Jack Stand

The BWC00JS Jack Stand is designed for:

Maximum Height & Weight Capacity: 26-1/2″ high, 2500 lbs.
Capacity: 26″ to 52″ reel diameter
Size: 15″ high, 20″ long, 14-1/2″ wide
Weight: 30 lbs. each



Jack Stands are sold individually.
Note: EMT not included.

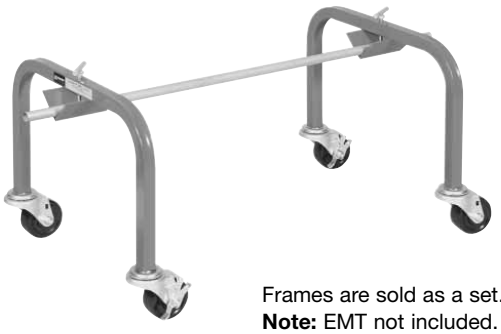
BWC20PRSF

BURNDY® Wire Caddies

Portable Reel Support Frame

The BWC20PRSF Portable Reel Support Frame is designed to support 1″ conduit for multi use spindle. (1) locking swivel caster and (1) swivel caster per frame. Sold in sets of two frames.

Maximum Weight Capacity: 400 lbs.
Capacity: 27″ diameter reels, 200 lbs. per frame
Size: 14″ high, 17-1/2″ wide
Weight: 14 lbs. per set



Frames are sold as a set.
Note: EMT not included.

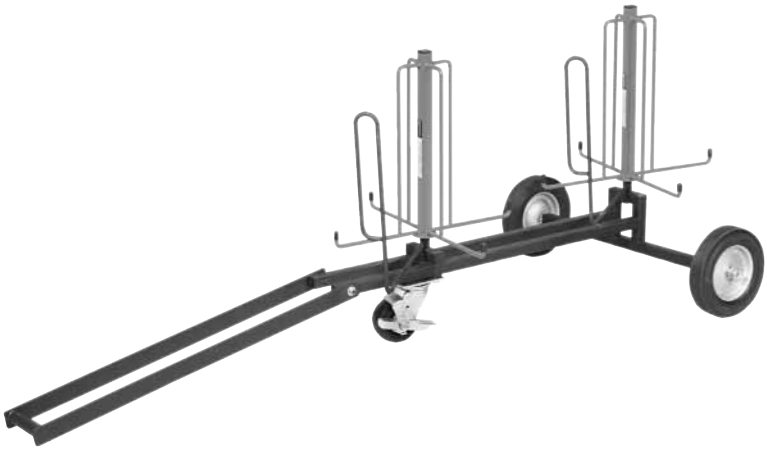
BWC32DCC

BURNDY® Wire Caddies

Double Coil Caddy

The BWC32DCC Double Coil Caddy is designed for dispensing MC cable from portable cart. (1) locking swivel caster and (2) 8″ × 2″ molded rubber wheels.

Maximum Weight Capacity: 300 lbs.
Capacity: (2) MC coils per reel
Size: 26″ high, 52-1/2″ long, 27″ wide
Weight: 46 lbs.



Blue highlighted items are industry standard and most frequently ordered.

BWC40PC

BURNDY® Wire Caddies

Push Cart

The BWC40PC Push Cart is designed with:
(2) 20-1/2″ × 35-1/2″ trays
(2) Pull out supports for ladder transport
(2) 2″ × 4″ wheels
(2) 2″ × 4″ locking swivel casters

Maximum Weight Capacity: 800 lbs.
Size: 36″ high, 44″ long, 21″ wide
Weight: 81 lbs.



BWC43UC

BURNDY® Wire Caddies

Utility Cart

The BWC43UC Utility Cart is designed with:
(2) 20-1/2″ × 35-1/2″ trays
(2) Pull out supports for ladder transport
(3) 1/2″ solid steel spindles with 16″ traverse
(2) Slots for conduit benders
(1) Fish tape holder

Trays and bins for fittings and hardware
(2) 2″ × 4″ wheels
(2) 2″ × 4″ locking swivel casters

Maximum Weight Capacity: 800 lbs.
Size: 36″ high, 44″ long, 21″ wide
Weight: 114 lbs.



Note: Chain Vise and Bracket are not included.

BWC43TRC

BURNDY® Wire Caddies

Triple Reel Caddy

The BWC43TRC Triple Reel Caddy is designed for dispensing medium diameter, heavy reels. Great for 1,000′ reels of MC or THHN. (3) 3/4″ solid steel spindles under 1″ tubing sleeves for easy pay out.

Maximum Weight Capacity: 750 lbs.
Capacity: 21″ traverse, 36″ diameter (per spindle)
Size: 20-1/2″ high, 52-1/2″ long, 28″ wide
Weight: 98 lbs.



Blue highlighted items are industry standard and most frequently ordered.

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INTRODUCTION

BASIC ELECTRICAL CONNECTION PRINCIPLES

Basic Factors:
The basic factors which influence the design and performance of pressure wire connections are as follows:

1. Creep
2. Surface Oxide
3. Corrosion

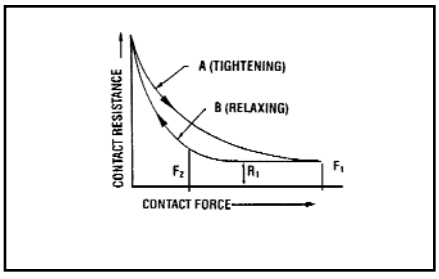
A fourth factor, known as thermal effects, is also a consideration, but due to the technical nature and length of the topic, it will not be discussed in this publication.

At the outset it should be pointed out that these factors give rise to much more difficult problems in connections involving aluminum conductors than those encountered in copper to copper connections.

CREEP (COLD FLOW)

Creep is the cold flow of the metal under pressure, and it continues until the pressure reduces to a value at which any further creep is negligible. Creep properties depend on the particular metal or alloy and on its hardness; alloys having less creep than pure metals, and harder metals have less creep than soft metals. In a typical connection, the conductors are generally of pure metal and often of soft temper and therefore, subject to considerable creep. In addition, the condition is further exaggerated when aluminum is the conductor as compared to copper, since its creep rate is many times that of copper.

Effect of Creep: Figure 2 shows typical curves of total contact resistance plotted against total contact force. Curve A shows how the contact resistance continually decreases with increasing contact force. When the full contact force F1 is reached, the contact resistance reaches the low value of R1. In general, the full tightening force on a connector greatly exceeds the maximum force for which there is no appreciable creep. Therefore, the force will gradually settle down to a value after which there will be no further significant creep. Fortunately, however, the resistance does not climb back up along curve A, the tightening curve, but instead it follows a new curve B, the relaxing curve, along which the resistance changes very little, until the force relaxes to a value such as F2.



Admittedly, the point of "no appreciable creep" is difficult to define. For pure metals, especially in the soft state, there is always some creep, even at very low pressures at room temperature. However, we do know that the pressure required to produce the same creep rate is several times greater for copper than for aluminum. Thus, to permit the same contact force F2 for aluminum and copper, the contact area A required for aluminum can be expected to be considerably greater than that required for copper. This explains why the contact areas for connectors for aluminum must be considerably greater than for copper, and why many light duty connectors for copper are entirely inadequate for aluminum, even when specially plated and when recommended compounds are used on the contact surfaces.

Relaxation: Relaxation of pressure due to creep, or for any other reason, would be a much more difficult factor in a pressure connection were it not for the relationship of contact pressure to contact resistance on the relaxation curve as shown in Figure 2. It is frequently observed that some time after the bolts of a clamp type connector are tightened, the bolt tensions are relaxed appreciably. The question arises as to whether it is necessary to retighten the bolts to the original torque value. In a properly designed connector, retightening is unnecessary since the contact resistance should increase very little due to the relaxation of pressure, as shown by the relaxation curve of Figure 2.

This fact is largely responsible for the successful operation of a compression connector. The application of the compression tool applies very high pressure, establishing very low contact resistance. The removal of the compression tool releases a very large proportion of this pressure, and creep further relaxes this pressure. Fortunately, the contact resistance increases very little due to this pressure relaxation.

Contact Force: The previous analysis shows that the total contact force largely determines the contact resistance. Thus, to achieve the desired low value of contact resistance, the proper size and number of bolts in a clamp type connector must be supplied, and the compression tool must apply the proper force to a compression connector. In addition, the connector must be designed with sufficient structural strength, contact area, and resilience, to assure that the contact force cannot relax beyond the point where contact resistance begins to rise appreciably, as shown in Figure 2.

SURFACE OXIDE

The contact of pure metallic surfaces cannot be assured in practical connections. Surface contamination must be expected, especially surface oxidation. These surface films are insulators as far as contact resistance is concerned, and they must be broken to achieve metal to metal contact to make an adequate electrical connection. The difficulty of breaking the film depends on the nature of the film, its thickness, and the metal on which it is formed.

Copper oxide is generally broken down by reasonably low values of contact pressure. Unless the copper is badly oxidized, good contact can be obtained with very little or no cleaning.

Silver oxide is even more easily broken down by the contact pressure; and since silver oxide forms less readily at elevated temperatures, silver contact surfaces are preferred over copper when used for higher temperatures. For this reason, it is considered good practice to silver plate copper contact surfaces that must operate at temperatures over 200° C.

On the other hand, aluminum oxide is a hard, tenacious, high resistance film that forms very rapidly on the surface of aluminum exposed to air. In fact, it is the toughness of this film that gives aluminum its good corrosion resistance. The oxide film that forms after more than a few hours is too thick and tough to permit a low resistance contact without cleaning. The aluminum oxide film is transparent so that even the bright and clean appearance of an aluminum connector is no assurance that the low contact resistance can be attained without cleaning.

In addition to the necessity for cleaning the oxide from aluminum, the surface should be covered with a good connector compound to prevent the oxide from reforming. Common practice is to clean the surface with a wire brush or emery cloth. The compound should be applied immediately after cleaning, or the compound should be put on first and the surface scraped through the compound. Present practice is to scratch brush dry and to apply the compound immediately thereafter. This allows a more thorough job of cleaning the conductor.

INTRODUCTION (Continued)

Contact Compounds: Petrolatum or No-Oxid are good contact surface compounds for aluminum, but BURNDY® PENETROX A, a petroleum type compound containing zinc dust, has the additional advantage of assisting in the breaking down of the contact resistance. How this is accomplished is not certain, but it appears that the zinc particles of PENETROX A probably act as current bridges in the breaks in the oxide film. For more complete information about the PENETROX™ line of compounds, refer to the Accessories Section of this catalog.

Interstrand Resistance: The high contact resistance due to the oxide on the strands of an aluminum cable may be responsible for a poor distribution of current among the strands on the cable. Thus, the outer strands may carry much more than their share of the current and overheating of the cable may result. Tests have shown that even on new cable this effect of interstrand resistance can be considerable unless a good contact compound is used. The clamping action tends to break down the oxide and force the compound between the strands. This is particularly true of compression connectors due to the very high unit pressures developed.

The most effective way to break down interstrand resistance of aluminum cable is to use compression connectors filled with a compound having zinc particles. Then, when the end of the cable is inserted in the connector, the compound is forced between the strands where it very effectively breaks down the interstrand resistance upon application of the compressive force.

Plating Aluminum: Plating the contact surfaces of aluminum connectors will prevent the formation of aluminum oxide. Electro-tin, cadmium and zinc platings have been used for this purpose. However, the use of a plated aluminum conductor, does not make it less necessary to scratch brush the aluminum conductor, nor does it reduce the need for a good contact compound. Additional problems are introduced due to the plating on aluminum which render it of very doubtful value over the proper use of bare aluminum. This will be more fully discussed later.

CORROSION

The electrical conductivity and mechanical strength of an electrical connection must remain stable under the deteriorating influences of the environment. This deterioration is corrosion. It is the electrolytic action of moisture and other elements of the atmosphere in conjunction with the metals of the connection. If the conductors and connectors are of copper or a corrosion resistant copper alloy, corrosion is usually a minor factor. However, it is a very vital factor if aluminum is involved.

If moisture can be kept away from the connection, corrosion will not be a factor. The electrical connection of a high voltage splice on insulated cable is generally free from corrosion since the taping must be moisture-proof. Similarly, taping may be used to avoid corrosion on bare cable, provided it excludes moisture. It is difficult to get a good tape seal to the conductor itself, especially on stranded cable. If moisture does penetrate the taping, it will not dry out as readily as if the joint were untaped. Various plastic materials are available today for covering low voltage connections or for bare conductor connections on high voltage. Unless such coverings are completely moisture-proof, it is better to rely on installation with a good contact compound, using a connector designed to resist corrosion.

Galvanic Action: Whenever dissimilar metals are in the presence of an electrolyte, a difference in electric potential is developed. One metal becomes the cathode and receives a positive charge. The other becomes the anode and receives a negative charge. When these metals are in contact, an electrical current will flow, as in the case of any short-circuited electric cell. This electrolytic action causes an attack of the anodic metal, leaving the cathodic metal unharmed. The extent of the attack is proportional to the strength of the electrolytic current, which in turn is proportional to the electric potential difference developed.

The magnitude of the potential difference generated between two dissimilar metals can be seen by the position of these metals in the electrolytic series. Figure 3 is such a series. When two metals are in contact in an electrolyte, the one higher up in this series is the anode, the corroded metal, while the one lower is the cathode, the protected metal. The further apart the metals are in this series, the greater the electrolytic potential difference, and the greater the attack to the anodic metal.

Note that copper and aluminum are quite far apart in the series, copper being cathodic and aluminum anodic. Hence, when aluminum and copper are in contact in an electrolyte, the aluminum can be expected to be severely attacked.

Crevice Corrosion: Electrolytic attack can also occur between like metals due to a phenomenon known as oxygen concentration cell or crevice corrosion. Since oxygen is necessary for corrosive action, a variation in the concentration of oxygen where a metal is exposed to an electrolyte will generate a difference of potential, and cause a corrosive attack in the oxygen starved area. Thus, since an electrolyte in a deep crevice is freely exposed to the air at the outside, the concentration of oxygen will be greatest at the mouth of the crevice. Then corrosion can be expected to occur in the crevice remote from the surface. Crevice corrosion can be prevented if the crevice is filled with a compound to exclude moisture. Thus, within the contact groove of an aluminum connector containing an aluminum conductor, there will be numerous crevices in which corrosion will take place unless a good connector compound is applied during installation. Copper, being a more noble metal, appears to be much less subject to crevice corrosion.

Corrosion Testing: The effectiveness of an electrical connection to resist corrosion can be tested in the laboratory under conditions designed to greatly accelerate the natural corrosive conditions of actual service. The most widely accepted means is the standard salt spray chamber. In this chamber the specimens are placed in a salt fog made by atomizing a 20% salt solution at 100 deg. F.

BURNDY® Electrical as well as other manufacturers and utility companies, have done a great deal of testing and a considerable area of agreement has been reached. There are, however, minor differences in recommended practices. The problem is concerned with aluminum and aluminum to copper connections since the effect of corrosion on copper to copper connections is far less serious. Let us study the recommended practices.

Aluminum to Aluminum Connections: For joining aluminum to aluminum conductors, there is little disagreement that an aluminum bodied connector is the proper choice, since this obviously eliminates the galvanic corrosion of dissimilar metals. However, even in this case, care must be taken to prevent crevice corrosion and to select an alloy of aluminum for the connector body that is free from cracking due to stress corrosion.

Aluminum to Copper Connections: Similarly, for joining aluminum to copper conductors, an aluminum bodied connector is the best choice since it prevents galvanic corrosion of the aluminum conductor, the

INTRODUCTION (Continued)

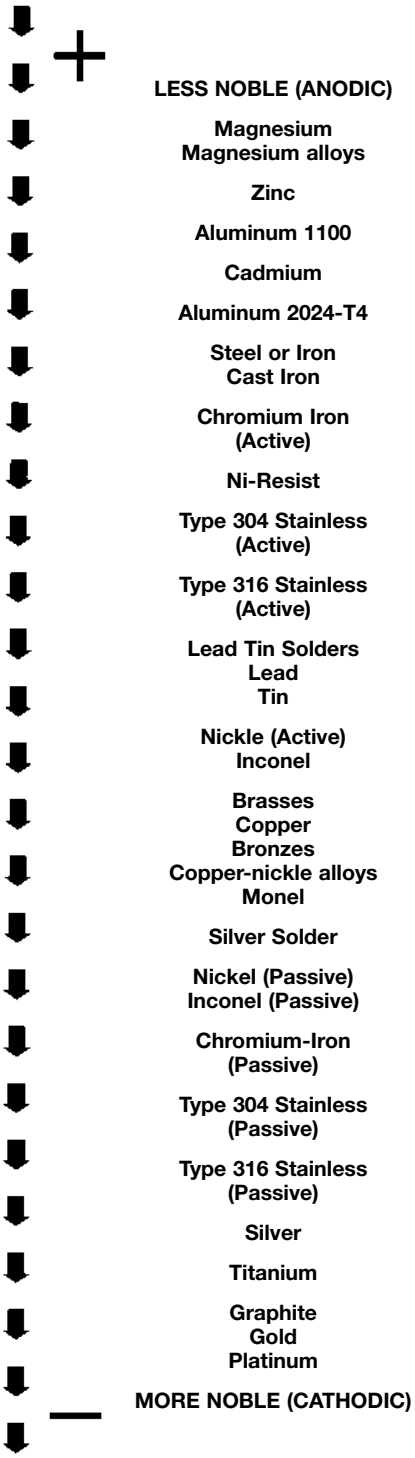


Fig. 3

most vulnerable element to attack in the connection. Realizing this, BURNDY® initiated a research program aimed at finding the best way to make an aluminum connector suitable for joining aluminum to copper conductors.

This led to the evolution of the "Massive Anode Principal" of connector design for joining conductors of dissimilar metal. On the basis of this principal, properly designed, all-aluminum connectors became available for universal use in joining aluminum to aluminum or aluminum to copper conductors.

Massive Anode Principle: By making the aluminum connector massive in comparison to the copper conductor, when the copper conductor emerges from the connector, the electrolytic current density over the exposed face of the aluminum connector is greatly reduced. This is schematically represented in Figure 4. Since the rate of corrosion is directly related to the current density on the surface of the anodic material, the relatively large face of the aluminum connector will suffer only minor attack.

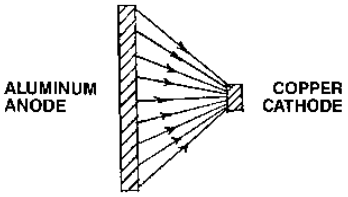


Fig. 4

In addition, because the aluminum connector body is massive in the region where the corrosion occurs, the small loss of metal caused by corrosion is insignificant, even after long periods of service. Furthermore, the connector design should be such that clamping bolts, and areas of high stress which provide structural strength, are not in the regions subject to galvanic attack.

The effectiveness of this theory has been amply demonstrated in salt spray corrosion tests in which the connectors were subject to 1,000 hours in the salt spray fog with only minor corrosive pitting adjacent to the copper conductor, as seen in Figure 5. In addition, the aluminum conductor was completely protected, and the joint resistance remained virtually unchanged. The test involved a wide variety of sizes and types of connectors showing the effectiveness for small service connectors as well as large power connectors. Figure 6 shows a large all aluminum clamp type T connector installed on 3½″ diameter copper run and 750 kcmil aluminum tap. The figure shows this connector opened up after the 1,400 hours of the salt spray test. Note that the contact surfaces are bright and clean and the only evidence is minor pitting along the faces adjacent to the copper.

*It should be emphasized that a good compound should be used on the contact surfaces whether aluminum or copper is used in an aluminum connector.

Position of Conductor: A properly designed aluminum connector for joining aluminum to copper must provide adequate separation between the conductors to prevent electrolytic attack on the aluminum conductor. Even then, it is good practice to install the aluminum conductor above the copper conductor if possible. This will prevent pitting of the aluminum conductor due to copper salts being washed over the aluminum.

Plated Aluminum Connectors: Plating has been used as a means to make an aluminum connector suitable for copper conductor. Such platings as copper, zinc, tin and cadmium have been used. The plating of aluminum is much more critical than plating a more noble metal such as copper. In addition, a preplate, usually of copper or brass, must be applied, thus introducing numerous metals and further possibilities for galvanic corrosion.

To be effective in reducing galvanic corrosion between the copper conductor and the aluminum connector, the plated metal must be closer in the Electrolytic Series to copper than is aluminum. It must therefore, be cathodic to aluminum. Since porosity and minor scratches are always present, galvanic action can be expected in the presence of moisture, resulting in attack of the aluminum under the plating. Corrosion tests reveal attack in the form of a mottled appearance and flaking of the plating.

In addition, the presence of plated metal can cause galvanic attack of the aluminum conductor, thus reducing the protection offered to this conductor in an aluminum connector.

Cleaning and the Use of Compound: It should be emphasized that when aluminum connectors or conductors are involved, proper cleaning of the aluminum and the use of a good connector compound, such as BURNDY® PENETROX A, are essential for trouble-free service. BURNDY®, as well as other manufacturers, provide the contact grooves with a coating to make it unnecessary to clean the connectors, but in all cases,

INTRODUCTION (Continued)

the aluminum conductor should be cleaned by means such as scratch brushing, and immediately coated with the connector compound.

To simplify the application of the compound, and to assure its use, almost all BURNDY® aluminum connectors, except the large clamp type substation connectors, are supplied factory filled with PENETROX compound. For the tubular compression connectors, the tubular barrels are sufficiently filled with PENETROX and capped. For other types, the contact grooves are filled with PENETROX and enclosed in plastic packaging in a process called “Stripsealing”.

Clamp vs. Compression: In general, a compression connection can be expected to be more corrosion resistant than a clamp connection. The high pressures applied in a compression connector more effectively seal the contact against the penetration of moisture. The tubular sleeve of a compression connector has no side openings such as exist in clamp connectors between the clamping members. On the other hand, the clamp connector can be made more corrosion resistant if the conductor grooves conform more closely with the conductor contour. Thus a clamp connector made to accommodate a wide range of conductor sizes cannot be expected to be as corrosion resistant as one designed for one specific conductor size. Nevertheless, the differences in effectiveness of various designs can be minimized if a good contact compound is used.



Fig. 5

Negligible Corrosion of Severe Salt Spray on Compression Connector Joining Aluminum to Copper.

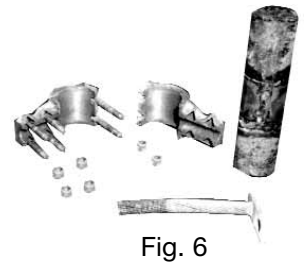


Fig. 6

Large Aluminum Bolted Connector Joining Copper Run to Aluminum Tap After Severe Salt Spray Test.

HARDWARE DATA

RECOMMENDED TIGHTENING TORQUE

The hardware used in connectors must be compatible with the connector material, have high mechanical strength and be corrosion resistant.

Copper alloy connectors have hardware made of DURIUM™, which is BURNDY's trade name for silicon bronze alloy ASTMB99. This material was first introduced by BURNDY® in 1927 for use in outdoor construction, and today, is the standard throughout the industry.

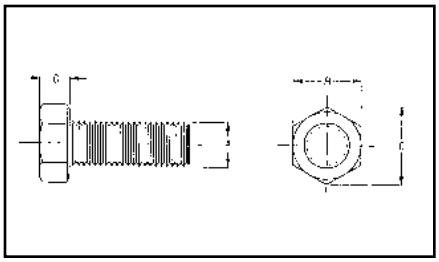
Aluminum connectors generally have aluminum alloy hardware. The bolts are 2024T4 and anodized to resist corrosion. The nuts are 6061T6, which is resistant to corrosion and does not require anodizing. Bolts are lubricated to eliminate galling and to provide consistent clamping forces.

The size material for clamping hardware are selected to provide the required force when tightened to the recommended torque. To reduce or greatly exceed the recommended torque can adversely affect the performance of the connector.

Steel Hardware		Aluminum Hardware	
Bolt Size	Recommended Torque (Inch Pounds)	Bolt Size	Recommended Torque (Inch Pounds)
1/4 - 20	80	1/2 - 13	300
5/16 - 18	180	5/8 - 11	480
3/8 - 16	240	3/4 - 10	650
1/2 - 13	480		
5/8 - 11	660		
3/4 - 10	1050		

DURIUM™ (SILICON BRONZE)

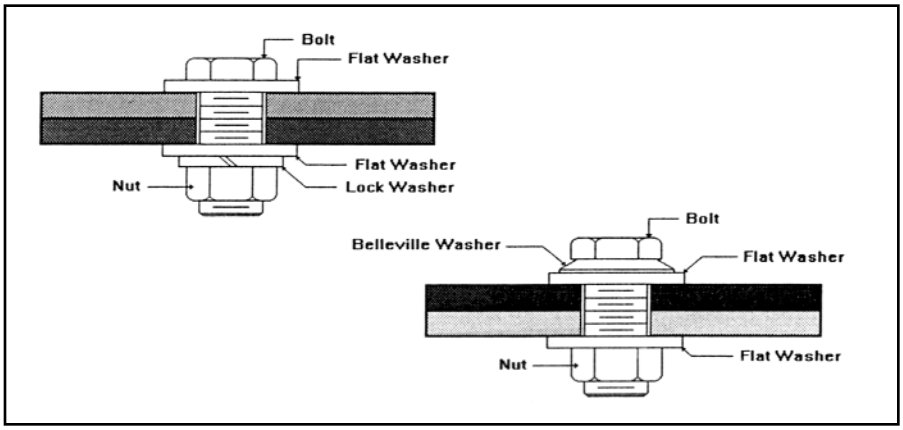
HEXAGONAL BOLT DATA



② CATALOG NO. SERIES	"A" (BOLT SIZE)	"B"	"C"	"D"	③ RECOMMENDED TORQUE (in-lb)	MIN. BREAKING FORCE (lb)	MIN. SHEARING FORCE (lb)
25X_ _ _HEB	1/4 - 20 UNC	7/16	.50	.16	80	1,780	990
31X_ _ _HEB	5/16 - 18 UNC	1/2	.56	.21	180	2,930	1,640
38X_ _ _HEB	3/8 - 16 UNC	9/16	.65	.24	240	4,350	2,430
50X_ _ _HEB	1/2 - 13 UNC	3/4	.87	.32	480	7,950	4,460
62X_ _ _HEB	5/8 - 11 UNC	15/16	1.08	.40	660	12,700	7,100
75X_ _ _HEB	3/4 - 10 UNC	1-1/8	1.30	.48	1050	17,510	10,540

1. Material: DURIUM™ (Silicon Bronze)
② "_ _ _" is substituted for bolt length. Consult sales representative for available lengths.
③ These torque values develop maximum bolt preload.
4. This drawing is based on BURNDY® engineering spec.

RECOMMENDED TERMINATION HARDWARE



RECOMMENDED TIGHTENING TORQUE

PER UL486A AND UL486B

Table 21—Tightening torque for screws

Test Conductor Size Installed in Connector		Tightening Torque, N•m (lbf-in)							
		Slotted Head No. 10 and Larger[a]				Hexagonal Head — External Drive Socket Wrench			
		Slot Width — 1.2 mm (0.047 in.) or Less and Slot Length — 6.4 mm (1/4 in.) or less		Slot Width — Over 1.2 mm (0.047 in.) or Slot Length — Over 6.4 mm (1/4 in.)		Split-Bolt Connectors		Other Connectors	
AWG or kcmil	(mm^2)	A	B	A	B	A	B	A	B
30 - 10	(0.05 - 5.3)	1.7 (15)	2.3 (20)	2.8 (25)	4.0 (35)	7.3 (65)	9.0 (80)	6.8 (60)	8.5 (75)
8	(8.4)	2.3 (20)	2.8 (25)	3.4 (30)	4.5 (40)	7.3 (65)	9.0 (80)	6.8 (60)	8.5 (75)
6 - 4	(13.2 - 21.2)	2.8 (25)	4.0 (35)	4.0 (35)	5.1 (45)	15.3 (135)	18.6 (165)	10.2 (90)	12.4 (110)
3	(26.7)	2.8 (25)	4.0 (35)	4.5 (40)	5.6 (50)	25.4 (225)	31.1 (275)	14.1 (125)	16.9 (150)
2	(33.6)	3.4 (30)	4.5 (40)	4.5 (40)	5.6 (50)	25.4 (225)	31.1 (275)	14.1 (125)	16.9 (150)
1	(42.4)	—	—	4.5 (40)	5.6 (50)	25.4 (225)	31.1 (275)	14.1 (125)	16.9 (150)
1/0 - 2/0	(53.5 - 67.4)	—	—	4.5 (40)	5.6 (50)	35.6 (315)	43.5 (385)	16.9 (150)	20.3 (180)
3/0 - 4/0	(85.0 - 107.2)	—	—	4.5 (40)	5.6 (50)	45.2 (400)	56.5 (500)	22.6 (200)	28.2 (250)
250 - 350	(127 - 177)	—	—	4.5 (40)	5.6 (50)	62.1 (550)	73.4 (650)	28.2 (250)	36.7 (325)
400	(203)	—	—	4.5 (40)	5.6 (50)	76.3 (675)	93.2 (825)	28.2 (250)	36.7 (325)
500	(253)	—	—	4.5 (40)	5.6 (50)	76.3 (675)	93.2 (825)	33.9 (300)	42.4 (375)
600 - 750	(304 - 380)	—	—	4.5 (40)	5.6 (50)	90.4 (800)	113.0 (1000)	33.9 (300)	42.4 (375)
800 - 1000	(406 - 508)	—	—	4.5 (40)	5.6 (50)	111.7 (900)	124.3 (1100)	45.2 (400)	56.5 (500)
1250 - 2000	(635 - 1000)	—	—	—	—	111.7 (900)	124.3 (1100)	56.5 (500)	67.8 (600)

[a] For values of slot width or length not corresponding to those specified, select the largest torque value associated with the conductor size. Slot width is the nominal design value. Slot length shall be measured at the bottom of the slot.

Table 22—Tightening torque for slotted head screws smaller than No. 10 intended for use with 8 AWG (8.4 mm^2) or smaller conductors

Slot Length of Screw[a]		Tightening Torque, N•m (lbf-in)			
		Slot Width of Screw Smaller than 1.2 mm (0.047 in.)[b]		Slot Width of Screw 1.2 mm (0.047 in.) and larger[b]	
mm	(in.)	A	B	A	B
Less than 4	(Less than 5/32)	0.68 (6)	0.79 (7)	0.79 (7)	1.0 (9)
4	(5/32)	0.68 (6)	0.79 (7)	1.1 (10)	1.4 (12)
4.8	(3/16)	0.68 (6)	0.79 (7)	1.1 (10)	1.4 (12)
5.6	(7/32)	0.68 (6)	0.79 (7)	1.1 (10)	1.4 (12)
6.4	(1/4)	0.79 (7)	1.0 (9)	1.1 (10)	1.4 (12)
7.1	(9/32)	—	—	1.4 (12)	1.7 (15)
Above 7.1	(Above 9/32)	—	—	1.8 (16)	2.3 (20)

[a] For slot lengths of intermediate values, select torques pertaining to next shorter slot length. Also, see Table 21 for screws with multiple tightening means. Slot length shall be measured at the bottom of the slot.
[b] Slot width is the nominal design value.

Table 23—Tightening torque for screws with recessed allen or square drives

Socket Width Across Flats[a]		Tightening Torque, N•m (lbf-in)	
mm	(in.)	A	B
3.2	(1/8)	4.0 (35)	5.1 (45)
4.0	(5/32)	9.0 (80)	11.3 (100)
4.8	(3/16)	11.3 (100)	136.6 (120)
5.6	(7/32)	13.6 (120)	16.9 (150)
6.4	(1/4)	16.9 (150)	22.6 (200)
7.9	(5/16)	25.4 (225)	31.1 (275)
9.5	(3/8)	33.9 (300)	42.4 (375)
12.7	(1/2)	45.2 (400)	56.5 (500)
14.3	(9/16)	56.5 (500)	67.8 (600)

[a] See Table 21 for screws with multiple tightening means.

CABLE DATA

COPPER TUBE (BUS)

SIZE OF TUBE IPS	DIAMETER OF TUBE (Inches) OUTSIDE	INSIDE	WALL THICKNESS (Inches)
STANDARD PIPE SIZES			
1/4″	0.540	0.375	0.082 5
3/8″	0.675	0.494	0.090 5
1/2″	0.840	0.625	0.107 5
3/4″	1.050	0.822	0.114 0
1″	1.315	1.062	0.126 5
1-1/4″	1.660	1.368	0.146 0
1-1/2″	1.900	1.600	0.150 0
2″	2.375	2.062	0.156 5
2-1/2″	2.875	2.500	0.187 5
3″	3.500	3.062	0.219 0
3-1/2″	4.000	3.500	0.250 0
4″	4.500	4.000	0.250 0
4-1/2″	5.000	4.500	0.250 0
5″	5.563	5.063	0.250 0
6″	6.625	6.125	0.250 0
EXTRA HEAVY PIPE SIZES			
1/4″	0.540	0.294	0.123
3/8″	0.675	0.421	0.127
1/2″	0.840	0.542	0.149
3/4″	1.050	0.736	0.157
1″	1.315	0.951	0.182
1-1/4″	1.660	1.272	0.194
1-1/2″	1.900	1.494	0.203
2″	2.375	1.933	0.221
2-1/2″	2.875	2.315	0.280
3″	3.500	2.892	0.304
3-1/2″	4.000	3.358	0.321
4″	4.500	3.818	0.341
4-1/2″	5.000	4.250	0.375
5″	5.563	4.813	0.375
6″	6.625	5.751	0.437
DOUBLE EXTRA HEAVY PIPE SIZES			
1/2″	0.840	0.252	0.294
3/4″	1.050	0.434	0.308
1″	1.315	0.599	0.358
1-1/4″	1.660	0.896	0.382
1-1/2″	1.900	1.100	0.400
2″	2.375	1.503	0.436
2-1/2″	2.875	1.771	0.552
3″	3.500	2.300	0.600
3-1/2″	4.000	2.728	0.636
4″	4.500	3.152	0.674
4-1/2″	5.000	3.580	0.710
5″	5.563	4.063	0.750
6″	6.625	4.897	0.864

Tube dimensions (excepting wall thickness, of double extra heavy) taken from A.S.T.M. Specification B42-33. Tubular values based on a density of 0.322 pound per cubic inch.

* Conductivity of 98% I.A.C.S. at 20° C or 68° F.

SOLID COPPER WIRE

(ASTM B1, B2, & B3)

SIZE AWG (SOLID)	WIRE DIA Inch	HARD DRAWN NORMAL BREAKING LOAD Pounds	MEDIUM DRAWN MINIMUM BREAKING LOAD Pounds	SOFT DRAWN ELONGATION IN 10 IN. % MIN.
18	.040 30	85.76	67.61	25
17	.045 26	107.5	84.71	25
16	.050 82	135.2	106.2	25
15	.057 07	170.0	133.0	25
14	.064 08	213.8	166.6	25
13	.071 96	268.2	208.0	25
12	.080 81	337.0	261.6	25
11	.090 74	422.5	327.6	25
10	.101 9	529.2	410.4	25
9	.114 4	661.0	514.2	30
8	.128 5	826.0	643.9	30
7	.144 3	1,030	806.6	30
6	.162 0	1,280	1,010	30
5	.181 9	1,591	1,265	30
4	.204 3	1,970	1,584	30
3	.229 4	2,439	1,984	30
2	.257 6	3,003	2,450	30
1	.289 3	3,688	3,024	30
1/0	.324 9	4,519	3,730	35
2/0	.364 8	5,518	4,599	35
3/0	.409 6	6,722	5,667	35
4/0	.460 0	8,143	6,980	35

STRANDED COPPER WIRE

(ASTM B8 EXCLUDING BREAKING LOADS)

SIZE STRANDED Circular Mills	AWG	A.S.T.M. STRANDINGS Class	No. of Wires	Cable Diameter Inches	HARD DRAWN Minimum Breaking Load Pounds	MEDIUM DRAWN Minimum Breaking Load Pounds	SOFT DRAWN Minimum Breaking Load Pounds
1,022	20	B	7	0.036 3	50.04	40.67	32.09
1,624	18	B	7	0.045 6	78.99	63.91	51.03
2,583	16	B	7	0.057 6	124.7	100.4	81.14
4,107	14	B	7	0.072 6	197.1	157.7	124.2
6,530	12	B	7	0.091 5	311.1	247.7	197.5
10,380	10	B	7	0.116	491.7	388.9	314.0
13,090	9	B	7	0.130	618.2	487.4	395.9
16,510	8	B	7	0.146	777.2	610.7	499.2
20,820	7	B	7	0.164	977.1	765.2	629.5
26,250	6	B	7	0.184	1,288	958.6	793.8
33,100	5	B	7	0.206	1,542	1,201	1001
41,740	4	AA	3	0.254	1,879	1,465	1213
41,740	4	B&A	7	0.232	1,938	1,505	1262
52,630	3	AA	3	0.285	2,359	1,835	1530

CABLE DATA (Continued)

STRANDED COPPER WIRE (Continued)

(ASTM B8 EXCLUDING BREAKING LOADS)

SIZE		A.S.T.M. STRANDINGS			HARD DRAWN	MEDIUM DRAWN	SOFT DRAWN
STRANDED							
Circular Mills	AWG	Class	No. of Wires	Cable Diameter Inches	Minimum Breaking Load Pounds	Minimum Breaking Load Pounds	Minimum Breaking Load Pounds
52,630	3	B&A	7	0.260	2,433	1,885	1592
66,370	2	AA	3	0.320	2,913	2,299	1929
66,370	2	B&A	7	0.292	3,045	2,361	2007
83,690	1	AA	3	0.360	3,621	2,879	2432
83,690	1	A	7	0.328	3,804	2,958	2432
83,690	1	B	19	0.332	3,899	3,037	2531
105,500	1/0	A&A	7	0.368	4,752	3,705	3067
105,500	1/0	—	12	0.390	4,841	3,755	3191
105,500	1/0	B	19	0.373	4,901	3,805	3191
133,100	2/0	A&A	7	0.414	5,926	4,640	3867
133,100	2/0	—	12	0.438	6,048	4,703	3867
133,100	2/0	B	19	0.419	6,152	4,765	4024
167,800	3/0	A&A	7	0.464	7,366	5,812	4876
167,800	3/0	—	12	0.492	7,556	5,890	4876
167,800	3/0	B	19	0.470	7,698	5,970	5074
211,600	4/0	A&A	7	0.522	9,154	7,278	6149
211,600	4/0	—	12	0.522	9,483	7,378	6149
211,600	4/0	B	19	0.528	9,617	7,479	6149

SIZE	A.S.T.M. STRANDINGS			HARD DRAWN	MEDIUM DRAWN	SOFT DRAWN
Circular Mills	Class	No. of Wires	Cable Diameter Inches	Minimum Breaking Load Pounds	Minimum Breaking Load Pounds	Minimum Breaking Load Pounds
250	AA	12	0.600	11,130	8,717	7265
250	A	19	0.574	11,360	8,986	7265
250	B	37	0.575	11,560	8,952	7559
300	AA	12	0.657	13,170	10,390	8718
300	A	19	0.628	13,510	10,530	8718
300	B	37	0.630	13,870	10,740	9071
350	AA	12	0.710	15,140	12,040	10170
350	A	19	0.679	15,590	12,200	10170
350	B	37	0.681	16,060	12,450	10580
400	A&AA	19	0.726	17,810	13,950	11620
400	B	37	0.728	18,320	14,140	11620
450	AA	19	0.770	19,750	15,590	13080
450	B&A	37	0.772	20,450	15,900	13080
500	AA	19	0.811	21,950	17,320	14530
500	B&A	37	0.813	22,510	17,550	14530
600	A&AA	37	0.891	27,020	21,060	17440
600	B	61	0.893	27,530	21,350	18140
700	AA	37	0.963	31,170	24,410	20340
700	B&A	61	0.964	31,820	24,740	20340
750	AA	37	0.997	33,400	26,150	21790
750	B&A	61	0.998	34,090	26,510	21790
800	AA	37	1.029	35,120	27,710	23250
800	B&A	61	1.031	36,360	28,270	23250
900	AA	37	1.092	39,510	31,170	26150
900	B&A	61	1.094	40,520	31,590	26150
1,000	AA	37	1.151	43,830	34,400	29060
1,000	B&A	61	1.152	45,030	35,100	29060
1,250	A	61	1.288	55,670	43,590	36320
1,250	B	91	1.289	56,280	43,880	36320
1,500	A	61	1.411	65,840	51,950	43590
1,500	B	91	1.412	67,540	52,650	43590
1,750	A	91	1.526	77,930	61,020	50850
1,750	B	127	1.526	78,800	61,430	50850
2,000	A	91	1.630	87,790	69,270	58120
2,000	B	127	1.632	90,050	70,210	58120

COMPACT STRANDED COPPER CABLE

(ASTM SPEC. B496)

CONDUCTOR SIZE		NUMBER OF WIRES	CONDUCTOR DIAMETER (IN.)
KCMIL (OR)	AWG		
1000		61[1]	1.060
900		61[1]	0.999
800		61[1]	0.938
750		61[1]	0.908
700		61[1]	0.877
650		61[1]	0.845
600		61[1]	0.813
550		61[1]	0.775
500		37[2]	0.736
450		37[2]	0.700
400		37[2]	0.659
350		37[2]	0.616
300		37[2]	0.570
250		37[2]	0.520
	4/0	19[3]	0.475
	3/0	19[3]	0.423
	2/0	19[3]	0.376
	1/0	19[3]	0.336
	1	19[3]	0.299
	2	7	0.268
	4	7	0.213
	6	7	0.169
	8	7	0.134

[1] 58 Wires Minimum
[2] 35 Wires Minimum
[3] 18 Wires Mlnimum

CABLE DATA (Continued)

FLEXIBLE COPPER STRANDED CABLE

CONDUCTOR SIZE KCMIL OR B & S G (AWG)	STRANDING AND DIAMETER	NOMINAL DIAMETER	CLASS
8	41/.0201	.156	I
8	49/.0184	.166	G
8	133/.0111	.167	H
8	168/.010	.157	K
8	420/.0063	.162	M
7	49/.0206	.185	G
7	52/.0201	.185	I
7	133/.0125	.188	H
7	210/.010	.179	K
7	532/.0063	.196	M
6	49/.0231	.208	G
6	63/.0201	.207	I
6	133/.0140	.210	H
6	266/.010	.210	K
6	665/.0063	.215	M
5	49/.0260	.234	G
5	84/.0201	.235	I
5	133/.0158	.237	H
5	336/.010	.235	K
5	836/.0063	.240	M
4	49/.0292	.263	G
4	105/.0201	.263	I
4	133/.0177	.266	H
4	420/.010	.272	K
4	1064/.0063	.269	M
3	49/.0328	.295	G
3	133/.0199	.299	H
3	133/.0201	.291	I
3	532/.010	.304	K
3	1323/.0063	.305	M
2	49/.0368	.331	G
2	133/.0223	.335	H
2	161/.0201	.319	I
2	665/.010	.338	K
2	1666/.0063	.337	M
1	133/.0251	.377	G
1	210/.0201	.367	I
1	259/.018	.378	H
1	836/.010	.397	K
1	2107/.0063	.376	M
1/0	133/.0282	.423	G
1/0	259/.0202	.424	H
1/0	266/.0201	.441	I
1/0	1064/.010	.451	K
1/0	2646/.0063	.423	M
2/0	133/.0316	.474	G
2/0	259/.0227	.477	H
2/0	342/.0201	.500	I
2/0	1323/.010	.470	K
2/0	3325/.0063	.508	M
3/0	133/.0355	.533	G
3/0	259/.0255	.536	H
3/0	418/.0201	.549	I
3/0	1666/.010	.533	K
3/0	4256/.0063	.576	M
4/0	133/.0399	.599	G
4/0	259/.0286	.601	H
4/0	532/.0201	.613	I
4/0	2107/.010	.627	K
4/0	5320/.0063	.645	M

CONDUCTOR SIZE KCMIL OR B & S G (AWG)	STRANDING AND DIAMETER	NOMINAL DIAMETER	CLASS
250	259/.0311	.650	G
250	427/.0242	.653	H
250	637/.0201	.682	I
250	2499/.010	.682	K
250	6384/.0063	.713	M
300	259/.0340	.714	G
300	427/.0265	.716	H
300	735/.0201	.737	I
300	2989/.010	.768	K
300	7581/.0063	.768	M
350	259/.0368	.773	G
350	427/.0286	.772	H
350	882/.0201	.800	I
350	3458/.010	.809	K
350	8806/.0063	.825	M
400	259/.0393	.825	G
400	427/.0306	.826	H
400	980/.0201	.831	I
400	3990/.010	.878	K
400	10101/.0063	.901	M
450	259/.0417	.876	G
450	427/.0325	.878	H
450	1127/.0201	.894	I
450	4522/.010	.933	K
450	11396/.0063	.940	M
500	259/.0439	.922	G
500	427/.0342	.923	H
500	1225/.0201	.941	I
500	5054/.010	.988	K
500	12691/.0063	.997	M
600	427/.0375	1.013	G
600	703/.0292	1.022	H
600	1470/.0201	1.027	I
600	5985/.010	1.125	K
600	14945/.0063	1.084	M
700	427/.0405	1.094	G
700	703/.0316	1.106	H
700	1729/.0201	1.194	I
700	6916/.010	1.207	K
700	17507/.0063	1.183	M
800	427/.0433	1.169	G
800	703/.0337	1.180	H
800	1995/.0201	1.290	I
800	7980/.010	1.305	K
800	20069/.0063	1.256	M
900	427/.0459	1.239	G
900	703/.0358	1.253	H
900	2261/.0201	1.372	I
900	9065/.010	1.323	K
900	22631/.0063	1.331	M
1000	427/.0484	1.307	G
1000	703/.0377	1.320	H
1000	2527/.0201	1.427	I
1000	10101/.010	1.419	K
1000	25193/.0063	1.404	M

CABLE DATA (Continued)

ALUMINUM TUBE

Size of Tube IPS	Diameter of Tube (In.)		Wall Thickness
	Outside	Inside	
Standard Pipe Sizes			
1/4	0.540	0.364	0.088
3/8	0.675	0.493	0.091
1/2	0.840	0.622	0.109
3/4	1.050	0.824	0.113
1	1.315	1.049	0.133
1-1/4	1.660	1.380	0.140
1-1/2	1.900	1.610	0.145
2	2.375	2.067	0.154
2-1/2	2.875	2.469	0.203
3	3.500	3.068	0.216
3-1/2	4.000	3.548	0.226
4	4.500	4.026	0.237
4-1/2	5.000	4.506	0.247
5	5.563	5.047	0.258
6	6.625	6.065	0.280
Extra Heavy Pipe Sizes			
1/4	0.540	0.302	0.119
3/8	0.675	0.423	0.126
1/2	0.840	0.546	0.147
3/4	1.050	0.742	0.154
1	1.315	0.957	0.179
1-1/4	1.660	1.278	0.191
1-1/2	1.900	1.500	0.200
2	2.375	1.939	0.218
2-1/2	2.875	2.323	0.276
3	3.500	2.900	0.300
3-1/2	4.000	3.364	0.318
4	4.500	3.826	0.337
4-1/2	5.000	4.290	0.355
5	5.563	4.813	0.375
6	6.625	5.761	0.432

ALUMINUM 1350 CABLE

BARE-CLASS B

Size Circular Mils or AWG	Copper Equivalent based upon equal D.C. resistance, Cu 97% Al 51%	Stranding No. of Wires	Cable Dia. Inches	Ultimate Strength Pounds Hard Drawn	Minimum Ultimate Strength Pounds 3/4 Hard	Minimum Ultimate Strength Pounds Inter Temper
250000	157300	37	0.575	4860	3338	2946
300000	188800	37	0.629	5831	4005	3534
350000	220200	37	0.681	6680	4673	4123
400000	251500	37	0.728	7352	5341	4713
450000	283000	37	0.772	8110	6007	5301
500000	314500	37	0.813	9012	6675	5890
550000	346000	61	0.855	10490	7344	6480
600000	377000	61	0.893	11450	8010	7068
650000	409000	61	0.929	11940	8678	7657
700000	440000	61	0.964	12860	9346	8247
750000	472000	61	0.998	13510	10010	8835
800000	503000	61	1.031	14410	10680	9424
900000	566000	61	1.094	15900	12010	10600
1000000	629000	61	1.152	17670	13350	11780
1100000	692000	91	1.209	20210	14680	12950
1200000	755000	91	1.263	21630	16020	14130
1250000	786000	91	1.289	22530	16690	14720
1300000	818000	91	1.315	23430	17350	15310
1400000	880000	91	1.364	24750	18700	16500
1500000	943000	91	1.412	26500	20020	17670
1600000	1006000	127	1.459	28840	21360	18850
1700000	1069000	127	1.504	30630	22690	20020
1750000	1101000	127	1.526	31530	23350	20610
1800000	1132000	127	1.548	32450	24030	21210
1900000	1195000	127	1.590	33570	25360	22380
2000000	1258000	127	1.632	35340	26700	23560
2500000	1570000	127	1.824	43300	33380	29460
3000000	1890000	169	1.998	53010	40050	35340
3500000	2200000	169	2.158	60610	46730	41230

ALUMINUM 1350 CABLE

BARE-CLASSES AA AND A

Hard Drawn

Cable Code Word	Size Circular mils or AWG	Copper Equivalent based on equal D.C. resistance, Cu 97% Al 61%	No. of Wires	Cable Dia. Inches	Ultimate Strength Pounds
Peachbell	6	8	7	0.184	528
Rose	4	6	7	0.232	826
Lily	3	5	7	0.260	1022
Iris	2	4	7	0.292	1266
Pansy	1	3	7	0.328	1537
Poppy	1/0	2	7	0.368	1865
Aster	2/0	1	7	0.414	2350
Phlox	3/0	1/0	7	0.464	2845
Oxlip	4/0	2/0	7	0.522	3590
Daisy	266800	3/0	7	0.586	4525
Laurel	266800	3/0	19	0.593	4800
Tulip	336400	4/0	19	0.666	5940
Canna	397500	250000	19	0.724	6880
Cosmos	477000	300000	19	0.793	8090
Syringa	477000	300000	37	0.795	8600
Dahlia	556500	350000	19	0.856	9440
Mistletoe	556500	350000	37	0.858	9830
Orchid	636000	400000	37	0.918	11240
Violet	715500	450000	37	0.974	12640
Nasturtium	715500	450000	61	0.975	13150
Arbutus	795000	500000	37	1.026	13770
Lilac	795000	500000	61	1.028	14330
Anemone	874500	550000	37	1.077	14830
Crocus	874500	550000	61	1.078	15760
Magnolia	954000	600000	37	1.124	16180
Goldenrod	954000	600000	61	1.126	16860
Bluebell	1033500	650000	37	1.170	17530
Larkspur	1033500	650000	61	1.172	18260
Marigold	1113000	700000	61	1.216	19660
Narcissus	1272000	800000	61	1.300	22000
Carnation	1431000	900000	61	1.379	24300
Coreopsis	1590000	1000000	61	1.454	27000
Dogwood	1590000	100000	91	1.454	28100

CABLE DATA (Continued)

ACSR

ASCR				Diameter		Copper Equivalent based upon equal D.C. resistance Cu 97% Al 61%	Ultimate Strength
		Stranding		Inches			
Code Word	Cir. Mils. or AWG	Number of Strands		Complete cable	Steel Core		Pounds
		Alum.	Steel				
Turkey	6	6	1	0.198	0.0661	8	1170
Thrush	5	6	1	0.223	0.0743	7	1460
Swan	4	6	1	0.250	0.0834	6	1830
Swanate	4	7	1	0.257	0.1029	6	2288
Swallow	3	6	1	0.281	0.0937	5	2250
Sparrow	2	6	1	0.316	0.1052	4	2790
Sparate	2	7	1	0.325	0.1299	4	3525
Robin	1	6	1	0.355	0.1182	3	3480
Raven	1/0	6	1	0.398	0.1327	2	4280
Quail	2/0	6	1	0.447	0.1490	1	5345
Pigeon	3/0	6	1	0.502	0.1672	1/0	6675
Penquin	4/0	6	1	0.563	0.1878	2/0	8420
Waxwing	266800	18	1	0.609	0.1217	3/0	7100
Owl	266800	26	7	0.633	0.2109	3/0	9645
Partridge	266800	26	7	0.642	0.2364	3/0	11250
Ostrich	300000	26	7	0.680	0.2505	188700	12650
Merlin	336400	18	1	0.684	0.1367	4/0	8950
Linnet	336400	26	7	0.721	0.2655	4/0	14050
Oriole	336400	30	7	0.741	0.3177	4/0	17040
Chickadee	397500	18	1	0.743	0.1486	250000	10400
Brant	397500	24	7	0.771	0.2575	250000	14690
Ibis	397500	26	7	0.783	0.2883	250000	16190
Lark	397500	30	7	0.806	0.3453	250000	19980
Pelican	477000	18	1	0.814	0.1628	300000	12300
Flicker	477000	24	7	0.846	0.2820	300000	17200
Hawk	477000	26	7	0.858	0.3162	300000	19430

ASCR				Diameter		Copper Equivalent based upon equal D.C. resistance Cu 97% Al 61%	Ultimate Strength
		Stranding		Inches			
Code Word	Cir. Mils. or AWG	Number of Strands		Complete cable	Steel Core		Pounds
		Alum.	Steel				
Hen	477000	30	7	0.883	0.3783	300000	23300
Parakeet	556500	24	7	0.914	0.3045	350000	19850
Dove	556500	26	7	0.927	0.341	350000	22400
Eagle	556500	30	7	0.953	0.409	350000	27200
Peacock	605000	24	7	0.953	0.318	380500	21500
Squab	605000	26	7	0.966	0.356	380500	24100
Teal	605000	30	19	0.994	0.426	380500	30000
Rook	636000	24	7	0.977	0.326	400000	22600
Grosbeak	636000	26	7	0.990	0.365	400000	25000
Egret	636000	30	19	1.019	0.437	400000	31500
Flamingo	666600	24	7	1.000	0.333	419000	23700
Crow	715500	54	7	1.036	0.345	450000	26300
Starling	715500	26	7	1.051	0.387	450000	28100
Redwing	715500	30	19	1.081	0.463	450000	34600
Condor	795000	54	7	1.093	0.364	500000	28500
Drake	795000	26	7	1.108	0.408	500000	31200
Mallard	795000	30	19	1.140	0.489	500000	38400
Crane	874500	54	7	1.146	0.382	550000	31400
Canary	900000	54	7	1.162	0.387	566000	32300
Cardinal	954000	54	7	1.196	0.399	600000	34200
Curlew	1033500	54	7	1.246	0.415	650000	37100
Finch	1113000	54	19	1.293	0.431	700000	40200
Pheasant	1272000	54	19	1.382	0.461	800000	44800
Plover	1431000	54	19	1.465	0.489	900000	50400
Falcon	1590000	54	19	1.545	0.515	1000000	56000

HIGH STRENGTH ACSR

ASCR				Diameter		Copper Equivalent based upon equal D.C. resistance Cu 97% Al 61%	Ultimate Strength
		Stranding		Inches			
Code Word	Cir. Mils. or AWG	Number of Strands		Complete cable	Steel Core		Pounds
		Alum.	Steel				
Grouse	80000	8	1	0.367	0.1670	50310	5200
Petrel	101800	12	7	0.461	0.2763	64160	9860
Minorca	110800	12	7	0.481	0.2883	69700	10730
Leghorn	134600	12	7	0.530	0.3177	84600	12920
Guinea	159000	12	7	0.576	0.3453	100000	15200
Dotterel	176900	12	7	0.607	0.3642	111200	16440
Dorking	190800	12	7	0.631	0.3783	120000	17730
Cochin	211300	12	7	0.663	0.3981	132900	19640
Brahma	203200	16	9	0.714	0.4885	127800	27500

CABLE DATA (Continued)

COMPACT ALUMINUM 1350 CABLE
(ASTM B400) EXTRA HARD

Conductor Size		Class	Number of Wire	Conductor Diameter Inches	Breaking Strength Lbs.
KCMIL	AWG				
1000		B	61[1]	1.060	17,700
900		B	61[1]	0.999	15,900
800		B	61[1]	0.938	14,400
750		B	61[1]	0.908	13,500
700		B	61[1]	0.877	12,900
650		B	61[1]	0.845	11,900
600		B	61[1]	0.813	11,500
556		AA	19[3]	0.780	9,750
550		B	61[1]	0.775	10,500
500		B	37[2]	0.736	9,110
500		AA	19[3]	0.736	8,760
477		AA	19[3]	0.722	8,360
450		B	37[2]	0.700	8,200
400		B	37[2]	0.659	7,440
397		AA, A	19[3]	0.659	7,110
350		B	37[2]	0.616	6,760
350		A	19[3]	0.616	6,390
336		A	19[3]	0.603	6,150
336		AA	7	0.603	5,960
300		B	37[2]	0.570	5,890
300		A	19[3]	0.570	5,480
300		AA	7	0.570	5,430
266		A	19[3]	0.537	4,970
266		AA	7	0.537	4,830
250		B	37[2]	0.520	4,910
250		A	19[3]	0.520	4,660
250		AA	7	0.520	4,520
	4/0	B	19[3]	0.475	4,020
	4/0	AA, A	7	0.475	3,830
	3/0	B	19[3]	0.423	3,310
	3/0	AA, A	7	0.423	3,040
	2/0	B	19[3]	0.376	2,670
	2/0	AA, A	7	0.376	2,510
	1/0	B	19[3]	0.336	2,160
	1/0	AA, A	7	0.336	1,990
	1	B	19[3]	0.299	1,740
	1	AA, A	7	0.299	1,640
	2	AA, A, B	7	0.268	1,350
	3	A, B	7	0.238	1,090
	4	A, B	7	0.213	.881
	6	A, B	7	0.169	.563
	8	A, B	7	0.134	.312

[1] 58 wires minimum
[2] 35 wires minimum
[3] 18 wires minimum

ALUMINUM ALLOY 5005 CABLE
(ASTM B397)

Conductor Size cmil	Number of Wires	Approx. Aluminum 1350 Size having Equivalent Resistance		Size & Stranding of ACSR with Equal Diameter			Rated Strength Lbs.
		cmil	AWG	cmil	AWG	Stranding	
927,200	37	795,000	—	795,000	—	26/7	23,900
740,800	37	636,000	—	636,000	—	26/7	19,300
652,400	19	556,5000	—	556,500	—	26/7	16,200
587,200	19	506,500	—	556,500	—	18/1	14,600
559,500	19	477,000	—	477,000	—	26/7	13,900
503,600	19	435,500	—	477,500	—	18/1	12,500
465,400	19	397,500	—	397,500	—	26/7	12,200
419,400	19	362,000	—	397,500	—	18/1	11,200
394,500	19	336,400	—	336,400	—	26/7	10,500
355,100	19	306,400	—	336,400	—	18/1	9,600
312,800	19	266,800	—	266,800	—	26/7	8,450
281,400	19	242,900	—	266,800	—	18/1	7,610
246,900	7	211,600	4/0	211,600	4/0	6/1	6,330
195,700	7	167,800	3/0	167,800	3/0	6/1	5,020
155,400	7	133,100	2/0	133,100	2/0	6/1	4,280
123,300	7	105,600	1/0	105,600	1/0	6/1	3,440
77,470	7	66,360	2	66,360	2	6/1	2,200
48,690	7	41,740	4	41,740	4	6/1	1,430
30,580	7	26,240	6	26,240	6	6/1	922

ALUMINUM ALLOY 6201 CABLE
(ASTM B399)

Conductor Size cmil	Number of Wires	Approx. Aluminum 1350 Size having Equivalent Resistance		Size & Stranding of ACSR with Equal Diameter			Rated Strength Lbs.
		cmil	AWG	cmil	AWG	Stranding	
1439,200	61	1272,000	—	1272,000	—	54/7	46,800
1348,800	61	1192,500	—	1192,500	—	54/7	43,900
1259,600	61	1113,000	—	1113,000	—	54/7	41,000
1165,100	61	1033,500	—	1033,500	—	54/7	37,900
1077,400	61	954,000	—	954,000	—	54/7	35,000
927,200	37	795,000	—	795,000	—	26/7	30,500
740,800	37	636,000	—	636,000	—	26/7	24,400
652,400	19	556,500	—	556,500	—	26/7	21,900
559,500	19	477,000	—	477,000	—	26/7	18,800
465,400	19	397,500	—	397,500	—	26/7	15,600
394,500	19	336,400	—	336,400	—	26/7	13,300
312,800	19	266,800	—	266,800	—	26/7	11,000
246,900	7	211,600	4/0	211,600	4/0	6/1	8,560
195,700	7	167,800	3/0	167,800	3/0	6/1	6,790
155,400	7	133,100	2/0	133,100	2/0	6/1	5,390
123,300	7	105,600	1/0	105,600	1/0	6/1	4,460
77,470	7	66,360	2	66,360	2	6/1	2,800
48,690	7	41,740	4	41,740	4	6/1	1,760
30,580	7	26,240	6	26,240	6	6/1	1,110

CABLE DATA (Continued)

ALUMINUM ALLOY 8000 SERIES "O" TEMPER CABLE
(ASTM B801)

CONDUCTOR SIZE		NUMBER OF WIRES†	CLASS	CONDUCTOR DIAMETER			MIN. BREAKING STRENGTH LBS.
KCMIL	AWG			Conventional In.	Compressed In.	Compact In.	
1000		127	D	1.153	1.119	1.060	6010
1000		91	C	1.153	1.118	1.060	6010
1000		61	B, A	1.152	1.117	1.060	6010
900		127	D	1.095	1.062	0.999	5400
900		91	C	1.093	1.060	0.999	5400
900		61	B, A	1.093	1.060	0.999	5400
800		127	D	1.032	1.001	0.938	4800
800		91	C	1.032	1.001	0.938	4800
800		61	B, A	1.031	1.000	0.938	4800
750		127	D	0.998	0.968	0.908	4500
750		91	C	0.999	0.969	0.908	4500
750		61	B, A	0.998	0.968	0.908	4500
700		127	D	0.965	0.936	0.877	4200
700		91	C	0.965	0.936	0.877	4200
700		61	B, A	0.964	0.935	0.877	4200
650		127	D	0.930	0.902	0.845	3900
650		91	C	0.930	0.902	0.845	3900
650		61	B	0.929	0.901	0.845	3900
650		37	A	0.928	0.900	0.845	3950
600		127	D	0.893	0.866	0.813	3600
600		91	C	0.893	0.866	0.813	3600
600		61	B	0.893	0.866	0.813	3600
600		37	A	0.891	0.864	0.813	3640
556		127	D	0.861	0.835	0.780	3340
556		91	C	0.860	0.834	0.780	3340
556		61	B	0.860	0.834	0.780	3340
556		37	A	0.858	0.832	0.780	3380
550		127	D	0.855	0.829	0.775	3300
550		91	C	0.855	0.829	0.775	3300
550		61	B	0.855	0.829	0.775	3300
550		37	A	0.853	0.827	0.775	3340
500		91	D	0.815	0.791	0.736	3000
500		61	C	0.815	0.791	0.736	3000
500		37	B, A	0.813	0.789	0.736	3040
477		91	D	0.796	0.772	0.722	2860
477		61	C	0.796	0.772	0.722	2860
477		37	B, A	0.795	0.771	0.722	2900
450		91	D	0.773	0.750	0.700	2700
450		61	C	0.773	0.750	0.700	2700
450		37	B, A	0.772	0.749	0.700	2730
400		91	D	0.729	0.707	0.659	2400
400		61	C	0.729	0.707	0.659	2400
400		37	B, A	0.728	0.706	0.659	2430
397		91	D	0.727	0.705	0.659	2390
397		61	C	0.726	0.704	0.659	2390
397		37	B	0.725	0.703	0.659	2410
397		19	A	0.724	0.702	0.659	2470
350		91	D	0.682	0.661	0.616	2100
350		61	C	0.681	0.661	0.616	2100
350		37	B	0.681	0.661	0.616	2130
350		19	A	0.679	0.659	0.616	2170
336		61	C	0.669	0.649	0.603	2020
336		37	B	0.668	0.648	0.603	2040
336		19	A	0.666	0.646	0.603	2090
300		61	C	0.631	0.612	0.570	1800
300		37	B	0.630	0.611	0.570	1820
300		19	A	0.629	0.610	0.576	1860
266		61	C	0.595	0.577	0.537	1600
266		37	B	0.594	0.576	0.537	1620
266		19	A	0.593	0.575	0.537	1660
250		61	C	0.576	0.559	0.520	1500

CABLE DATA (Continued)

ALUMINUM ALLOY 8000 SERIES "O" TEMPER CABLE (Continued)

CONDUCTOR SIZE		NUMBER OF WIRES†	CLASS	CONDUCTOR DIAMETER			MIN. BREAKING STRENGTH LBS.
KCMIL	AWG			Conventional In.	Compressed In.	Compact In.	
250		37	B	0.575	0.558	0.520	1520
250		19	A	0.574	0.557	0.520	1550
	4/0	37	C	0.529	0.513	0.475	1280
	4/0	19	B	0.528	0.512	0.475	1310
	4/0	7	A	0.522	0.506	0.475	1360
	3/0	37	C	0.471	0.457	0.423	1020
	3/0	19	B	0.470	0.456	0.423	1040
	3/0	7	A	0.464	0.450	0.423	1070
	2/0	19	B	0.419	0.406	0.376	826
	2/0	7	A	0.414	0.402	0.376	853
	1/0	19	B	0.373	0.362	0.336	655
	1/0	7	A	0.368	0.357	0.336	676
	1	19	B	0.332	0.322	0.229	519
	2	7	B, A	0.292	0.283	0.268	425
	3	7	B, A	0.260	0.252	0.238	337
	4	7	B, A	0.232	0.225	0.213	267
	6	7	B, A	0.184	0.178	0.169	168
	8	7	B, A	0.146	0.142	0.134	106

† For compact-stranded constructions, the number of wires may be reduced as follows:
19-Wire Constructions - 18 Wires Minimum
37-Wire Constructions - 35 Wires Minimum
61-Wire Constructions - 58 Wires Minimum
91-Wire Constructions - 87 Wires Minimum
127-Wire Constructions - 122 Wires Minimum

COMPACT ACSR
(ASTM B401)

CONDUCTOR SIZE		CONDUCTOR DIAMETER (IN.)	BREAKING STRENGTH (LB)
KCMIL	AWG		
336.4		0.628	8,260
266.8		0.559	6,540
	4/0	0.517	7,420
	3/0	0.461	5,880
	2/0	0.410	4,880
	1/0	0.365	3,980
	1	0.326	3,290
	2	0.298	3,260
	2	0.290	2,640
	3	0.258	2,130
	4	0.236	2,160
	4	0.229	1,760
	6	0.182	1,120

ACSR/TW (TRAP WIRE) CABLE
(ASTM B779)

CONDUCTOR SIZE KCMIL	STRANDING		NOMINAL DIAMETER INCHES	RATED STRENGTH LBS
	Number of Aluminum Wires	Number of Steel Wires		
336.4	14	1	0.63	8,600
477.0	18	7	0.78	17,200
477.0	18	7	0.79	19,400
556.5	18	7	0.84	20,000
556.5	20	7	0.85	22,600
636.0	27	1	0.85	13,500
636.0	18	7	0.89	22,900
636.0	20	7	0.91	25,400
795.0	17	7	0.96	21,000
795.0	18	7	0.98	25,900

ACSR/TW (TRAP WIRE) CABLE (Continued)

CONDUCTOR SIZE KCMIL	STRANDING		NOMINAL DIAMETER INCHES	RATED STRENGTH LBS
	Number of Aluminum Wires	Number of Steel Wires		
405.1	14	1	0.68	10,200
571.7	18	7	0.85	20,600
565.3	20	7	0.86	22,900
664.8	20	7	0.93	26,600
666.6	20	7	0.91	24,000
762.8	20	7	0.99	30,500
768.2	20	7	0.98	27,700
768.9	27	1	0.93	16,400
795.0	20	7	0.99	28,200
795.0	20	7	1.01	31,800
946.7	35	7	1.08	29,600
954.0	30	7	1.05	23,700
954.0	32	7	1.06	25,900
954.0	20	7	1.08	33,500
957.2	32	7	1.06	26,000
1033.5	30	7	1.09	25,700
1033.5	32	7	1.10	28,100
1033.5	21	7	1.13	36,300
1113.0	30	7	1.13	27,500
1113.0	33	7	1.14	30,000
1113.0	38	19	1.19	39,100
1192.5	30	7	1.17	29,500
1192.5	33	7	1.18	32,400
1192.5	38	19	1.22	41,900
1272.0	30	7	1.20	31,400
1272.0	35	7	1.22	34,600
1272.0	39	19	1.26	44,100
1351.5	35	7	1.26	36,700
1351.5	39	19	1.30	46,800
1431.0	36	7	1.29	38,900
1431.0	39	19	1.34	49,600
1590.0	36	7	1.36	42,200
1590.0	42	19	1.41	55,100
1780.0	37	19	1.45	50,700
2156.0	64	19	1.61	61,100

CABLE DATA (Continued)

ACSR/TW (TRAP WIRE) CABLE (Continued)

CONDUCTOR SIZE KCMIL	STRANDING		NOMINAL DIAMETER INCHES	RATED STRENGTH LBS
	Number of Aluminum Wires	Number of Steel Wires		
959.6	22	7	1.11	37,000
966.2	21	7	1.09	34,000
1158.0	33	7	1.17	31,600
1158.4	25	7	1.20	39,600
1168.1	30	7	1.16	28,900
1233.6	38	19	1.25	42,900
1257.1	35	7	1.21	34,200
1272.0	30	7	1.20	31,400
1334.6	39	19	1.29	46,300
1359.7	36	7	1.26	36,900
1372.5	30	7	1.25	33,400
1433.6	39	19	1.34	49,700
1455.3	36	7	1.30	39,200
1467.8	33	7	1.29	35,800
1533.3	39	19	1.38	53,200
1557.4	36	7	1.35	41,900
1569.0	33	7	1.33	38,200
1622.0	39	19	1.42	57,500
1657.4	36	7	1.39	44,000
1730.6	39	19	1.47	59,400
1758.6	37	19	7.14	34,600
1926.9	42	19	1.55	65,300
1949.6	42	7	1.50	51,900
2153.8	64	19	1.60	61,100
2627.3	64	19	1.76	74,500

AAC/TW (ALL ALUMINUM TRAP WIRE) (ASTM B778)

CONDUCTOR SIZE, KCMIL	NOMINAL DIAMETER, IN.	NUMBER OF WIRES	RATED STRENGTH, LBF
336.4	0.612	17	6,220
397.5	0.661	17	7,230
477.0	0.720	17	8,530
500.0	0.736	17	8,940
556.5	0.775	17	9,950
600.0	0.803	17	10,700
636.0	0.825	17	11,400
700.0	0.864	17	12,500
750.0	0.893	17	13,400
795.0	0.919	17	13,900
900.0	0.990	31	15,800
954.0	1.018	31	16,700
1000.0	1.041	31	17,500
1033.5	1.057	31	18,100
1113.0	1.095	31	19,500
1192.5	1.132	31	20,900
1272.0	1.168	31	22,300
1351.5	1.202	31	23,700
1431.0	1.236	31	24,600
1590.0	1.315	49	27,300
1750.0	1.377	49	30,000
2000.0	1.468	49	34,300

ACAR CABLE‡ (ASTM B524)

CONDUCTOR SIZE		NUMBER OF WIRES	NOMINAL OUTSIDE DIAMETER
KCMIL	AWG		
2000		91	1.630
2000		61	1.630
1900		61	1.588
1800		61	1.546
1750		61	1.525
1700		61	1.502
1600		61	1.458
1500		61	1.411
1400		61	1.364
1300		61	1.314
1300		37	1.312
1250		61	1.288
1250		37	1.287
1200		61	1.263
1200		37	1.261
1100		61	1.209
1100		37	1.207
1000		61	1.152
1000		37	1.151
950		37	1.121
900		37	1.092
850		37	1.061
800		37	1.029
750		37	0.997
700		37	0.962
650		37	0.928
600		37	0.891
600		19	0.888
550		37	0.853
550		19	0.850
500		37	0.813
500		19	0.811
450		19	0.770
400		19	0.726
350		19	0.678
300		19	0.628
250		19	0.574
246.9		7	0.563
	4/0	7	0.522
195.7		7	0.502
	3/0	7	0.464
155.4		7	0.447
	2/0	7	0.414
123.3		7	0.398
	1/0	7	0.368
77.4		7	0.316
	2	7	0.292
48.6		7	0.250
	4	7	0.232
30.5		7	0.198

CABLE DATA (Continued)

SSAC CABLE

SIZE AWG OR KCMIL	STRANDING		CONDUCTOR DIAMETER	RATED STRENGTH POUNDS
	ALUMINUM	STEEL		
266.8	22	7	.622	6030
266.8	24	7	.633	7410
266.8	26	7	.642	8880
266.8	30	7	.660	11700
300.0	26	7	.680	9970
336.4	20	7	.692	5990
336.4	22	7	.701	7610
336.4	24	7	.710	9340
336.4	26	7	.720	11200
336.4	30	7	.741	14800
397.5	20	7	.752	7090
397.5	22	7	.762	8990
397.5	24	7	.772	11000
397.5	26	7	.783	13000
397.5	30	7	.806	17500
477.0	20	7	.823	8490
477.0	22	7	.834	10800
477.0	24	7	.846	13000
477.0	26	7	.858	15600
477.0	30	7	.883	21000
500.0	30	7	.904	22000
556.5	20	7	.890	9910
556.5	22	7	.901	12600
556.5	24	7	.914	15200
556.5	26	7	.927	18200
556.5	30	7	.953	24500
605.0	24	7	.953	16500
605.0	26	7	.966	19700
605.0	30	7	.994	26000
605.0	30	19	.994	26600
636.0	20	7	.951	11300
636.0	22	7	.963	14100
636.0	24	7	.977	17300
636.0	26	7	.990	20700
636.0	30	7	1.019	27400
636.0	30	19	1.019	28000
666.6	24	7	1.000	18200
666.6	26	7	1.104	21700
715.5	24	7	1.036	19500
715.5	26	7	1.051	23300
715.5	30	19	1.081	30800
795.0	42	7	1.055	11800
795.0	20	7	1.063	14200
795.0	45	7	1.063	14200
795.0	22	7	1.077	17700
795.0	24	7	1.092	21700
795.0	54	7	1.092	21700
795.0	26	7	1.108	25900
795.0	30	19	1.140	34300
900.0	45	7	1.131	15800
900.0	54	7	1.162	24600
954.0	42	7	1.155	14200
954.0	20	7	1.185	16700
954.0	45	7	1.165	16700
954.0	48	7	1.175	19700
954.0	24	7	1.196	26000
954.0	54	7	1.196	26000
954.0	30	19	1.248	41100

SSAC CABLE (Continued)

SIZE AWG OR KCMIL	STRANDING		CONDUCTOR DIAMETER	RATED STRENGTH POUNDS
	ALUMINUM	STEEL		
1033.5	42	7	1.203	15400
1033.5	45	7	1.212	18100
1033.5	48	7	1.222	21300
1033.5	54	7	1.245	28200
1113.0	42	7	1.248	16300
1113.0	45	7	1.259	19500
1113.0	48	7	1.269	23000
1113.0	54	19	1.293	30400
1192.5	42	7	1.292	17500
1192.5	45	7	1.302	20900
1192.5	48	7	1.313	24600
1192.5	54	19	1.338	32600
1272.0	42	7	1.334	18700
1272.0	45	7	1.345	22300
1272.0	48	7	1.357	26200
1272.0	54	19	1.382	34100
1351.5	42	7	1.376	19900
1351.5	45	7	1.386	23700
1351.5	48	7	1.398	27900
1351.5	54	19	1.424	36200
1431.0	42	7	1.415	21000
1431.0	45	7	1.427	25100
1431.0	48	7	1.439	29500
1431.0	54	19	1.465	38400
1510.5	45	7	1.466	26500
1510.5	54	19	1.505	40500
1590.0	42	7	1.492	23400
1590.0	45	7	1.504	27900
1590.0	48	7	1.517	32200
1590.0	54	19	1.545	42600
1780.0	84	19	1.602	35400
1869.0	68	7	1.603	21500
2034.5	72	7	1.681	27200

CABLE DATA

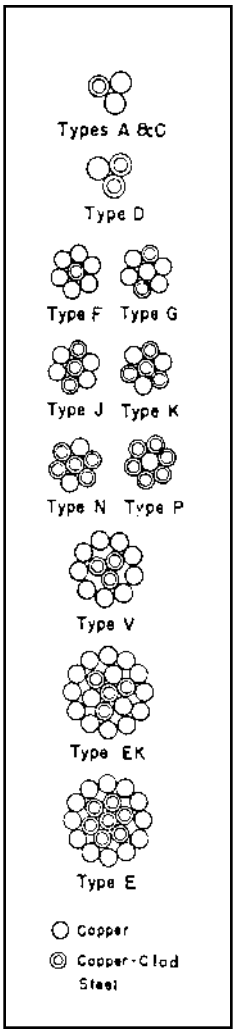
SOLID COPPERWELD CABLE
(ASTM B227)

Conductor Size (AWG)	Nominal Diameter (Inches)	Circular Mils	Minimum Breaking Load (lbs.)			
			Grade 40 HS	Grade 40 EHS	Grade 30 HS	Grade 30 EHS
4	0.2043	41,740	3,540	—	3,934	4,671
5	0.1819	33,090	2,937	—	3,249	3,911
—	0.1650*	27,230	2,779	—	2,779	3,367
6	0.1620	26,240	2,679	—	2,679	3,246
7	0.1443	20,820	2,207	—	2,207	2,681
8	0.1285	16,510	1,816	—	1,816	2,205
—	0.1280*	16,380	1,802	—	1,802	2,188
9	0.1144	13,090	1,491	—	1,491	1,790
—	0.1040*	10,820	1,283	1,325	1,283	1,487
10	0.1019	10,380	1,231	—	1,231	1,460
12	0.0808	6,530	774	—	774	918
—	0.0800*	6,400	759	—	759	900
—	0.0640*	4,096	485	—	485	576
18	0.0403	1,624	193	—	193	228
—	0.0390*	1,521	180	—	180	214
20	0.0320	1,024	121	—	121	144

* These diameters are often employed by purchasers for communication lines BUT are not in the American Wire Gauge (B & S Wire Gauge) series, as are the other diameters listed.

COPPERWELD-COPPER CABLE
(ASTM B229)

Conductor Size Hard Drawn Copper Equivalent cmil	AWG	TYPE	Nominal Diameter of Conductor (inches)	Minimum Breaking Load (pounds)
350,000	—	E	0.788	32,420
350,000	—	EK	0.735	23,850
350,000	—	V	0.754	23,480
300,000	—	E	0.729	27,770
300,000	—	EK	0.680	20,960
300,000	211,600	V	0.698	20,730
250,000	—	E	0.666	23,920
250,000	—	EK	0.621	17,840
250,000	—	V	0.637	17,420
	4/0	E	0.613	20,730
211,600	4/0	G	0.583	15,640
211,600	4/0	EK	0.571	15,370
211,600	4/0	V	0.586	15,000
211,600	4/0	F	0.550	12,290
167,800	3/0	E	0.545	16,800
167,800	3/0	J	0.555	16,170
167,800	3/0	G	0.519	12,860
167,800	3/0	EK	0.509	12,370
167,800	3/0	V	0.522	12,200
167,800	3/0	F	0.490	9,980
133,100	2/0	K	0.534	17,600
133,100	2/0	J	0.494	13,430
133,100	2/0	G	0.463	10,510
133,100	2/0	V	0.465	9,846
133,100	2/0	F	0.436	8,094
105,600	1/0	K	0.475	14,490
105,600	1/0	J	0.440	10,970
105,600	1/0	G	0.412	8,563
105,600	1/0	F	0.388	6,536
83,690	1	N	0.464	15,410
83,690	1	K	0.423	11,900
83,690	1	J	0.392	9,000
83,690	1	G	0.367	6,956
83,690	1	F	0.346	5,266
66,360	2	P	0.462	16,870
66,360	2	N	0.413	12,680
66,360	2	K	0.377	9,730
66,360	2	J	0.349	7,322
66,360	2	A	0.366	5,876
66,360	2	G	0.327	5,626
66,360	2	F	0.308	4,233
55,620	3	P	0.411	13,910
52,620	3	N	0.368	10,390
52,620	3	K	0.336	7,910
52,620	3	J	0.311	5,955
52,620	3	A	0.326	4,810
41,740	4	P	0.366	11,420
41,740	4	N	0.328	8,460
41,740	4	D	0.348	7,340
41,740	4	A	0.290	3,938
33,090	5	P	0.326	9,311
33,090	5	D	0.310	6,035
33,090	5	A	0.258	3,193
26,240	6	D	0.276	4,942
26,240	6	A	0.230	2,585
26,240	6	C	0.225	2,143
20,820	7	D	0.246	4,022
20,820	7	A	0.223	2,754
16,510	8	D	0.219	3,256
16,510	8	A	0.199	2,233
16,510	8	C	0.179	1,362
11,750	9	D	0.174	1,743



STRANDED COPPERWELD CABLE
(ASTM B228)

Nominal Diameter† (Inch) Size A.W.G.‡	Circular Mils	Diameter* (Inch)	Breaking Load Lbs.**		
			High Strength		Extra High Strength
			40% Cond.	30% Cond.	30% Cond.
7/8 (19 No. 5)	628,900	.910	50,240	55,570	66,910
13/16 (19 No. 6)	498,800	.810	41,600	45,830	55,530
23/32 (19 No. 7)	395,500	.721	34,390	37,740	45,850
27/32 (19 No. 8)	313,700	.642	28,380	31,040	37,690
9/16 (19 No. 9)	248,800	.572	23,390	25,500	30,610
5/8 (7 No. 4)	292,200	.613	22,310	24,780	29,430
9/16 (7 No. 5)	231,700	.546	18,510	20,470	24,650
1/2 (7 No. 6)	183,800	.486	15,330	16,890	20,460
7/16 (7 No. 7)	145,700	.433	12,670	13,910	16,890
3/8 (7 No. 8)	115,600	.385	10,460	11,440	13,890
11/32 (7 No. 9)	91,650	.343	8,616	9,393	11,280
5/16 (7 No. 10)	72,680	.306	7,121	7,758	9,196
3 No. 5	99,310	.392	8,373	9,262	11,860
3 No. 6	78,750	.349	6,934	7,639	9,754
3 No. 7	62,450	.311	5,732	6,291	7,922
3 No. 8	49,530	.277	4,730	5,174	6,282
3 No. 9	39,280	.247	3,898	4,250	5,129
3 No. 10	31,150	.220	3,221	3,509	4,160
3 No. 12	19,590	.174	2,236	—	—

† The designation "Inch" is the approximate diameter in proper fraction of an inch.
‡ The designation of "AWG" is a combination of the number of wires each of the American Wire Gage size indicated by "No."
* Diameter of circumscribing.
** Breaking loads of 7-wire and 19-wire conductors are taken as 90% of the sum of the breaking loads of individual wires; breaking load of 3-wire conductors is taken as 95% of the sum of the breaking loads of the individual wires.

GALVANIZED STEEL CABLE
(ASTM A475)

Inches	Nominal Diameter of Strand (mm)	Number of Wires in Strand	Minimum Breaking Load (lbs.)				
			Utilities Grade	Common Grade	Siemens-Martin Grade	High-Strength Grade	Extra High-Strength Grade
1/8	(3.18)	7	—	540	910	1,330	1,830
5/32	(3.97)	7	—	870	1,470	2,140	2,940
3/16	(4.76)	7	—	1,150	1,900	2,850	3,990
3/16	(4.76)	7	2,400	—	—	—	—
7/32	(5.56)	3	—	1,400	2,340	3,500	4,900
7/32	(5.56)	7	—	1,540	2,560	3,850	5,400
1/4	(6.35)	3	3,150	1,860	3,040	4,730	6,740
1/4	(6.35)	3	4,500	—	—	—	—
1/4	(6.35)	7	—	1,900	3,150	4,750	6,650
9/32	(7.14)	3	—	2,080	3,380	5,260	7,500
9/32	(7.14)	7	4,600	2,570	4,250	6,400	8,950
5/16	(7.94)	3	6,500	2,490	4,090	6,350	9,100
5/16	(7.94)	7	—	3,200	5,350	8,000	11,200
5/16	(7.94)	7	6,000	—	—	—	—
3/8	(9.52)	3	8,500	3,330	5,560	8,360	11,800
3/8	(9.52)	7	11,500	4,250	6,950	10,800	15,400
7/16	(11.11)	7	18,000	5,700	9,350	14,500	20,800
1/2	(12.70)	7	25,000	7,400	12,100	18,800	26,900
1/2	(12.70)	19	—	7,620	12,700	19,100	26,700
9/16	(14.29)	7	—	9,600	15,700	24,500	35,000
9/16	(14.29)	19	—	9,640	16,100	24,100	33,700
5/8	(15.88)	7	—	11,600	19,100	29,600	42,400
5/8	(15.88)	19	—	11,000	18,100	28,100	40,200
3/4	(19.05)	19	—	16,000	26,200	40,800	58,300
7/8	(22.22)	19	—	21,900	35,900	55,800	79,700
1	(25.40)	9	—	28,700	47,000	73,200	104,500
1	(25.40)	37	—	28,300	46,200	71,900	102,700
1-1/8	(28.58)	37	—	36,000	58,900	91,600	130,800
1-1/4	(31.75)	37	—	44,600	73,000	113,600	162,200

CABLE DATA

ALUMINUM-COATED STEEL CABLE
(ASTM A474)

NOMINAL DIAMETER OF STRAND (IN.)	NUMBER OF WIRES IN STRAND	MINIMUM BREAKING STRENGTH, lbf				
		UTILITIES GRADE*	COMMON GRADE	SIEMANS-MARTIN GRADE	HIGH-STRENGTH GRADE	EXTRA HIGH-STRENGTH GRADE
3/16	7		1,150	1,900	2,850	
3/16	7	2,400				
1/4	3	3,150				
1/4	3	4,500				
1/4	7		1,900	3,150	4,750	6,650
9/32	7	4,600				
5/16	3	6,500				
5/16	7		3,200	5,350	8,000	11,200
5/16	7	6,000				
3/8	3	8,500				
3/8	7	11,500	4,250	6,950	10,800	15,400
7/16	7	18,000	5,350	9,350	14,500	20,800
1/2	7	25,000	7,400	12,100	18,800	26,900

* The Utilities Grade is used principally by communications and power and light industries.

AWG VS. METRIC WIRE SIZES

CIRC. MILS	EQUIV-ALENT CIRC. MILS	AWG. SIZE	METRIC WIRE SIZE MM	STRANDING/WIRE DIAMETER PER STRAND		APPROXIMATE OVERALL DIAMETER		CIRC. MILS	EQUIV-ALENT CIRC. MILS	AWG. SIZE	METRIC WIRE SIZE MM	STRANDING/WIRE DIAMETER PER STRAND		APPROXIMATE OVERALL DIAMETER	
				IN.	MM	IN.	MM					IN.	MM	IN.	MM
—	937	—	0.50	1/.032	1/.813	.032	.061	83690	—	1	—	19/.0064	19/1.50	.332	8.43
1020	—	20	—	7/.0121	1/.307	.036	0.91	—	98680	—	50	19/.073	19/1.85	.365	9.27
—	1480	—	.75	1/.039	1/.091	.039	0.99	10500	—	1/0	—	19/.0745	19/1.59	.373	9.46
1620	—	18	—	1/.0103	1/1.02	.040	1.02	133100	—	2/0	—	19/.0837	19/2.13	.419	10.6
1620	—	18	—	7/.0152	7/.386	.046	1.16	—	138100	—	70	19/.086	19/2.18	.430	10.9
—	1974	—	1.0	1/.045	1/1.14	.045	1.14	167800	—	3/0	—	19/.094	19/2.59	.470	11.9
—	1974	—	1.0	7/.017	7/.422	.061	1.30	167800	—	3/0	—	36/.0673	37/1.71	.471	12.0
2580	—	16	—	1/.0503	1/1.29	.051	1.29	—	187500	—	95	19/.101	19/2.57	.505	12.8
2580	—	16	—	7/.0192	7/.468	.058	1.46	—	187500	—	95	37/.072	37/1.83	.504	12.5
—	2960	—	1.5	1/.055	1/1.40	.055	1.40	211600	—	4/0	—	19/.1055	19/2.89	.528	13.4
—	2960	—	1.5	7/.021	7/5.33	.063	1.60	—	237.8 kcmil	—	120	37/.081	37/2.06	.567	14.4
4110	—	14	—	1/.0641	1/1.63	.064	1.63	250 kcmil	—	—	—	37/.0822	37/2.07	.575	14.6
4110	—	14	—	7/.0242	7/.615	.073	1.84	300 kcmil	—	—	150	37/.090	37/2.29	.630	16.0
—	4934	—	2.5	1/.071	1/1.80	.071	1.80	350 kcmil	—	—	—	37/.0973	37/2.47	.681	17.3
—	4934	—	2.5	7/.027	7/6.66	.081	2.06	—	365.1 kcmil	—	185	37/.100	37/2.54	.700	17.8
6530	—	12	—	1/.0308	1/2.05	.081	2.05	400 kcmil	—	—	—	37/104	37/2.64	.728	18.5
6530	—	12	—	7/.0305	7/.775	.092	2.32	—	473.6 kcmil	—	240	37/.114	37/2.90	.798	20.3
—	7894	—	4	1/.089	1/2.26	.089	2.26	—	473.6 kcmil	—	240	61/.089	61/2.26	.801	20.3
—	7894	—	4	7/.034	7/.864	.102	2.59	500 kcmil	—	—	—	37/.1162	37/2.95	.813	20.7
10380	—	10	—	1/.1019	1/2.59	.102	2.59	500 kcmil	—	—	—	61/.0905	61/2.30	.814	20.7
10380	—	10	—	7/.0355	7/.978	.116	2.93	—	592.1 kcmil	—	300	61/.099	61/2.51	.891	22.6
—	11840	—	6	1/.109	1/2.77	.109	2.77	600 kcmil	—	—	—	61/.0992	61/2.52	.893	22.7
—	11840	—	6	7/.042	7/.107	.126	3..21	700 kcmil	—	—	—	61/.1071	61/2.72	.964	24.5
13000	—	9	—	1/.1144	1/2.91	.114	2.91	750 kcmil	—	—	—	61/.1109	61/2.82	.998	25.4
13090	—	9	—	7/.0432	7/1.10	.130	3.30	750 kcmil	—	—	—	91/.0908	91/2.31	.998	25.4
16510	—	8	—	1/.1285	1/3.26	.128	3.25	—	789.4 kcmil	—	400	61/.114	61/2.90	1.026	26.1
16510	—	8	—	7/.0486	7/1.23	.146	3.70	800 kcmil	—	—	—	61/.1145	61/2.91	1.031	26.2
—	19740	—	10	1/.141	1/3.58	.141	3.58	800 kcmil	—	—	—	91/.0938	91/2.38	1.032	26.2
—	19740	—	10	7/.054	7/1.37	.162	4.12	1000 kcmil	986.8 kcmil	—	500	61/.1280	61/3.25	1.152	28.3
20520	—	7	—	1/.1443	1/3.67	.144	3.67	1000 kcmil	—	—	—	91/.1048	91/2.66	1.153	29.3
20520	—	7	—	7/.0545	7/1.38	.164	4.15	—	1233.7 kcmil	—	625	91/.117	91/2.97	1.287	32.7
26240	—	6	—	1/.162	1/4.11	.162	4.11	1250 kcmil	—	—	—	91/.1172	91/2.93	1.289	32.7
26240	—	6	—	7/.0612	7/1.55	.184	4.66	1250 kcmil	—	—	—	127/.0992	127/2.52	1.200	32.8
—	31580	—	16	7/.008	7/1.73	.204	5.13	1500 kcmil	—	—	—	91/.1284	91/3.26	1.412	36.9
33090	—	5	—	7/.0688	7/1.75	.206	5.24	1500 kcmil	—	—	—	127/.1087	127/2.76	1.413	36.9
41740	—	4	—	7/.0772	7/1.96	.232	5.88	—	1578.8 kcmil	—	800	91/.132	91/3.35	1.452	36.9
—	49340	—	25	7/.085	7/2.16	.255	6.48	—	1973.5 kcmil	—	1000	91/.147	91/3.73	1.617	41.1
—	49340	—	25	19/.052	10/1.32	.260	6.60	2000 kcmil	—	—	—	127/.1255	127/3.19	1.632	41.5
52620	—	3	—	7/.0867	7/2.20	.260	6.61	2000 kcmil	—	—	—	169/.1088	169/2.76	1.632	41.5
66300	—	2	—	7/.0974	7/2.47	.292	7.42								
—	69070	—	35	7/.100	7/2.54	.300	7.62								
—	69070	—	35	19/.001	19/1.55	.305	7.75								

INCHES & MILLIMETERS CONVERSION CHART

INCHES		MM
1/64	.015625	0.397
1/32	.03125	0.794
3/64	.046875	1.191
1/16	.0625	1.588
5/64	.078125	1.984
3/32	.09375	2.381
7/64	.109375	2.778
1/8	.1250	3.175
9/64	.140625	3.572
5/32	.15625	3.969
11/64	.171875	4.366
3/16	.1875	4.763
13/64	.203125	5.159
7/32	.21875	5.556
15/64	.234375	5.953
1/4	.2500	6.350
17/64	.265625	6.747
9/32	.28125	7.144
19/64	.296875	7.541
5/16	.3125	7.938
21/64	.328125	8.334
11/32	.34375	8.731
23/64	.359375	9.128
3/8	.3750	9.525
25/64	.390625	9.922
13/32	.40625	10.319
27/64	.421875	10.716
7/16	.4375	11.113
29/64	.453125	11.509
15/32	.46875	11.906
31/64	.484375	12.303
1/2	.5000	12.700

INCHES		MM
33/64	.515625	13.097
17/32	.53125	13.494
35/64	.546875	13.891
9/16	.5625	14.288
37/64	.578125	14.684
19/32	.59375	15.081
39/64	.609375	15.478
5/8	.6250	15.875
41/64	.640625	16.272
21/32	.65625	16.669
43/64	.671875	17.066
11/16	.6875	17.463
45/64	.703125	17.859
23/32	.71875	18.256
47/64	.734375	18.653
3/4	.7500	19.050
49/64	.765625	19.447
25/32	.78125	19.844
51/64	.796875	20.241
13/16	.8125	20.638
53/64	.828125	21.034
27/32	.84375	21.431
55/64	.859375	21.828
7/8	.8750	22.225
57/64	.890625	22.622
29/32	.90625	23.019
59/64	.921875	23.416
15/16	.9375	23.813
61/64	.953125	24.209
31/32	.96875	24.606
63/64	.984375	25.003
1	1.000	25.400

MM	INCHES	MM	INCHES
.1	.0039	46	1.8110
.2	.0079	47	1.8504
.3	.0118	48	1.8898
.4	.0157	48	1.9291
.5	.0197	50	1.9685
.6	.0236	51	2.0079
.7	.0276	52	2.0472
.8	.0315	53	2.0866
.9	.0354	54	2.1260
1	.0394	55	2.1654
2	.0787	56	2.2047
3	.1181	57	2.2441
4	.1575	58	2.2835
5	.1969	59	2.3228
6	.2362	60	2.3622
7	.2756	61	2.4016
8	.3150	62	2.4409
9	.3543	63	2.4803
10	.3937	64	2.5197
11	.4331	65	2.5591
12	.4724	66	2.5984
13	.5118	67	2.6378
14	.5512	68	2.6772
15	.5906	69	2.7165
16	.6299	70	2.7559
17	.6693	71	2.7953
18	.7087	72	2.8346
19	.7480	73	2.8740
20	.7874	74	2.9134
21	.8268	75	2.9528
22	.8661	76	2.9921
23	.9055	77	3.0315
24	.9449	78	3.0709
25	.9843	79	3.1102
26	1.0236	80	3.1496
27	1.0630	81	3.1890
28	1.1024	82	3.2283
29	1.1417	83	3.2677
30	1.1811	84	3.3071
31	1.2205	85	3.3465
32	1.2598	86	3.3858
33	1.2992	87	3.4252
34	1.3386	88	3.4646
35	1.3780	89	3.5039
36	1.4173	90	3.5433
37	1.4567	91	3.5827
38	1.4961	92	3.6220
39	1.5354	93	3.6614
40	1.5748	94	3.7008
41	1.6142	95	3.7402
42	1.6535	96	3.7795
43	1.6929	97	3.8189
44	1.7323	98	3.8583
45	1.7717	99	3.8976
		100	3.9370

1mm = .03937″ .001″ = .0254 mm.

TERMINAL STUD SIZE CHART*

STUD SIZE	#0	#1	#2	#3	#4	#5	#6	#8	#10	#12	#14	1/4"	5/16"	3/8"
Stud Diameter	.060	.073	.086	.090	.112	.125	.138	.164	.190	.216	.242	.250	.312	.375
Stud Hole	.067	.093	.119			.145		.171	.197	.223	.250	17/64	21/64	25/64

STUD SIZE	7/16"	1/2"	5/8"	3/4"	7/8"	1"
Stud Diameter	.437	.500	.625	.750	.875	1.000
Stud Hole	29/64	33/64	21/32	29/32	29/32	1 - 1/32

* Tolerance .003" on decimal and .005" on fractional dimensions

DIE SET CONVERSION CHART
FOR OBSOLETE DIES AND TOOLS

This catalog uses the new, BURNDY® simplified overhead lines die set catalog numbering system, based on Die Index numbers and letters.

The Die Index numbers are marked on the connectors and die sets. Where a die set has more than one Die Index, the catalog number will generally be the lowest number assigned or all indexes may be marked.

The Die Index numbers and letters in this conversion chart are arranged in numerical or alphabetical order.

To determine the new catalog number for old die sets, cross reference the Die Index on the connector, or the old die set, with the Die Index shown on the chart. The new die set catalog number or letters appear for each tool in the previous table. **NOTE: Many "A" dies are available. Contact the factory.** The gage column lists quality control inspection gages for the corresponding die index.

DIE INDEX		MECHANICAL TOOLS	HYDRAULIC TOOLS						
		MD5	Y34A	Y35 & Y35L	Y45L	Y48B	Y486RB	Y60B	GAGE NO.
A	OLD		A8YC	U8YCMT					
	NEW		A-A	U-A					
BG	OLD	MD5-3		U2YLCMT					UG-BG UG-BG-YSU
	NEW	MD5-3		U-BG					
C	OLD	MD5-3	A2YC	U2YCMT					
	NEW	MD5-3	A-C	U-C					
D	OLD		A26AYC	U26AYCT					
	NEW		A-D	U-D					
D3	OLD			U28YPT					
	NEW			U-D3					
E	OLD		A26YC	U26YCT					
	NEW		A-E	U-E					
F	OLD			U28YCT					
	NEW			U-F					
H	OLD			U28AYCT					
	NEW			U-H					
K	OLD	MD5-3							
	NEW	MD5-3							
K-840	OLD								
	NEW			U-K840					
L	OLD			U28YTT					
	NEW			U-L					
M	OLD			U33YTT					
	NEW			U-M					
N	OLD			U33YPCT	S33YPT				
	NEW			U-N	S-N				
O	OLD			U26YPT					
	NEW			U-O					
Q	OLD								
	NEW								
R	OLD			U33RYCT					
	NEW			U-R					
161	OLD	MD5-2	A6CYD	U6CYDMT					
	NEW	MD5-2	A161	U161					
162	OLD	MD5-2	A4CYD	U4CYDMT		C4CYD	F4CYD		UG4C
	NEW	MD5-2	A162	U162		C162	F162		
163 Same as 505	OLD	MD5-2	A2CYD	U2CYDMT		C2CYD	F2CYD		UG2C
	NEW	MD5-2	A163	U163		C163	F163		
164 Same as 275	OLD		A1CYD	U1CYDMT		C1CYD	F1CYD		UG1C
	NEW		A164	U164		C164	F164		

DIE SET CONVERSION CHART (Continued)
FOR OBSOLETE DIES AND TOOLS

DIE INDEX		MECHANICAL TOOLS	HYDRAULIC TOOLS						GAGE NO.
		MD5	Y34A	Y35 & Y35L	Y45L	Y48B	Y486RB	Y60B	
165 Same as 287	OLD		A25YD	U25YDT		C25YD	F25YD	L25YDT	UG25
	NEW		A165	U165		C165	F165	L165	
166 Same as 206	OLD		A26YD	U26YDT		C26YD	F26YD	L26YDT	UG26
	NEW		A166	U166		C166	F166	L166	
167 Same as 207, 211, 256	OLD		A27YD	U27YDT		C27YD	F27YD	L27YDT	UG27
	NEW		A167	U167		C167	F167	L167	
168 Same as 208	OLD		A28YD	U28YDT		C28YD	F28YD	L28YDT	UG28
	NEW		A168	U168		C168	F168	L168	
169	OLD		A29YD	U29YDT		C29YD	F29YD	L29YDT	UG29
	NEW		A169	U169		C169	F169	L169	
170 Same as 306	OLD		A30YD	U30YDT		C30YD	F30YD	L30YDT	UG30
	NEW		A170	U170		C170	F170	L170	
171	OLD	MD5-2	A8WYD	U8WYDMT					
	NEW	D5-2	A171	U171					
192	OLD		A31RYD						
	NEW		A192						
193	OLD		A33RYD	U33RYDT		C33RYD		L33RYDT	
	NEW		A193	U193		C193		L193	
202	OLD		A8KYD	U8KYDMT					
	NEW		A202	U202					
203	OLD		A6KYD	U6KYDMT					
	NEW		A203	U203					
204	OLD		A4KYD	U4KYDT					
	NEW		A204	U204					
205 Same as 339	OLD		A2KYD	U2KYDT					UG2K
	NEW		A205	U205					
206 Same as 166	OLD		A26YD	U26YDT		C26YD	F26YD	L26YDT	UG26
	NEW		A166	U166		C166	F166	L166	
207 Same as 167, 211, 256	OLD		A27YD	U27YDT		C27YD	F27YD	L27YDT	UG27
	NEW		A167	U167		C167	F167	L167	
208 Same as 168	OLD		A28YD	U28YDT		C28YD	F28YD	L28YDT	UG28
	NEW		A168	U168		C168	F168	L168	
209	OLD			U32YDT		C32YD	F32YD	L32YDT	
	NEW			U209		C209	F209	L209	
210	OLD			U34YDT		C34YD	F34YD	L34YDT	UG34
	NEW			U210		C210	F210	L210	
211 Same as 167, 211, 256	OLD		A27YD	U27YDT		C27YD	F27YD	L27YDT	UG27
	NEW		A167	U167		C167	F167	L167	
236	OLD		A4RSYF	U4RSYFT		C4RSYF			UG4RS
	NEW		A236	U236		C236			
237	OLD		A4RYF	U4RYFT		C4RYF			UG4R
	NEW		A237	U237		C237			
238	OLD	MD5-1	A2RSYF	U2RSYFT		C2RSYF			UG2RS
	NEW	MD5-1	A238	U238		C238			
239	OLD		A2RYF	U2RYFT		C2RYF			UG2R
	NEW		A239	U239		C239			
240	OLD		A1RSYF	U1RSYFT		C1RSYF			
	NEW		A240	U240		C240			

DIE SET CONVERSION CHART (Continued)
FOR OBSOLETE DIES AND TOOLS

DIE INDEX		MECHANICAL TOOLS	HYDRAULIC TOOLS						GAGE NO.
		MD5	Y34A	Y35 & Y35L	Y45L	Y48B	Y486RB	Y60B	
241	OLD		A1RYF	U1RYFT		C1RYF			UG1R
	NEW		A241	U241		C241			
24 Same as 244	OLD		A26RSYF	U26RSYFT		C26RSYF		L26RSYFT	UG26RS
	NEW		A242	U242		C242		L242	
243	OLD		A25RYF	U25RYFT		C25RYF		L25RYFT	UG25R
	NEW		A243	U243		C243		L243	
244 Same as 242	OLD		A26RSYF	U26RSYFT		C26RSYF		L26RSYFT	UG26RS
	NEW		A242	U242		C242		L242	
245	OLD		A26RYF	U26RYFT		C26RYF		L26RYFT	UG26R
	NEW		A245	U245		C245		L245	
246 Same as 248	OLD		A28RSYF	U28RSYFT		C28RSYF		L28RSYFT	UG28RS
	NEW		A248	U248		C248		L248	
247	OLD		A27RYF	U27RYFT		C27RYF		L27RYFT	UG27R
	NEW		A247	U247		C247		L247	
248 Same as 246	OLD		A28RSYF	U28RSYFT		C28RSYF		L28RSYFT	UG28RS
	NEW		A248	U248		C248		L248	
249	OLD		A28RYF	U28RYFT		C28RYF		L28RYFT	UG28R
	NEW		A249	U249		C249		L249	
250	OLD		A30RSYF	U30RSYFT		C30RSYF	F30RSYF	L30RSYFT	UG30RS
	NEW		A250	U250		C250	F250	L250	
251	OLD		A30RYF	U30RYFT		C30RYF	F30RYF	L30RYFT	UG30R
	NEW		A251	U251		C251	F251	L251	
252	OLD			U32RSYFT		C32RSYF	F32RSYF	L32RSYFT	UG32RS
	NEW			U252		C252	F252	L252	
253	OLD			U34RSYFT		C34RSYF	F34RSYF	L34RSYFT	UG34RS
	NEW			U253		C253	F253	L253	
254	OLD					C43RSYF	F34RSYF	L34RSYFT	
	NEW				S254	C254	F254	L254	
255	OLD			U44RSYFT		C44RSYF	F44RSYF	L44RSYFT	
	NEW			U255		C255	F255	L255	
256 Same as 167, 207, 211	OLD		A27YD	U27YDT		C27YD	F27YD	L27YDT	UG27
	NEW		A167	U167		C167	F167	L167	
257	OLD		A312HYD	U312HYDT		C312HYD		L312HYDT	
	NEW		A257	U257		C257		L257	
259	OLD			U3K5YDT		C3K5YD			UG3K5
	NEW			U259		C259			
260	OLD					C7K6YD	F7K6YD	L7K6YDT	
	NEW					C260	F260	L260	
261 Same as 318	OLD			U37RYFT		C37RYF	F37RYF	L37RYFT	UG37R
	NEW			U261		C261	F261	L261	
263	OLD		A26YD-1	U26YDT-1					
	NEW		A263	U263					
267	OLD			U31YDT		C31YD	F31YD	L31YDT	UG31
	NEW			U267		C267	F267	L267	
275 Same as 164	OLD		A1CYD	U1CYDMT		C1CYD	F1CYD		UG1C
	NEW		A164	U164		C164	F164		
276	OLD		A6WKYD	U6WKYDT					
	NEW		A276	U276					

DIE SET CONVERSION CHART (Continued)
FOR OBSOLETE DIES AND TOOLS

DIE INDEX		MECHANICAL TOOLS	HYDRAULIC TOOLS						GAGE NO.
		MD5	Y34A	Y35 & Y35L	Y45L	Y48B	Y486RB	Y60B	
285	OLD		A8WKYD	U8WKYDMT					
	NEW		A285	U285					
287	OLD		A25YD	U25YDT		C25YD	F25YD	L25YDT	UG25
Same as 165	NEW		A165	U165		C165	F165	L165	
292	OLD					C412RYF-1	F412RYF-1	L412RYFT-1	UG412R1
Same as 578	NEW				S292	C292	F292	L292	
293	OLD					C412RSYF	F412RSYF	L412RSYFT	
	NEW					C293	F293	L293	
294	OLD					C412RSYF	F412RSYF	L412RSYFT	
Same as 293	NEW				S293	C293	F293	L293	
304	OLD			U375HYDT		C375HYD		L375HYDT	UG375H
	NEW			U304		C304		L304	
305	OLD			U41RSYFT		C41RSYF	F41RSYF	L41RSYFT	
Same as 341	NEW			U305		C305	F305	L305	
306	OLD		A30YD	U30YDT		C30YD	F30YD	L30YDT	UG30
Same as 170	NEW		A170	U170		C170	F170	L170	
308	OLD		A3WYD	U3WYDT					
	NEW		A308	U308					
313	OLD			U47RSYFT		C47RSYF	F47RSYF	L47RSYFT	
	NEW			U313		C313	F313	L313	
314	OLD					C48RSYF	F48RSYF	L48RSYFT	
Same as 376	NEW					C314	F314	L314	
316	OLD			U33RYFT		C33RYF	F33RYF	L33RYFT	UG33R
	NEW			U316		C316	F316	L316	
317	OLD			U35RYFT		C35RYF	F35RYF	L35RYFT	UG35R
Same as 426	NEW			U317		C317	F317	L317	
318	OLD			U37RYFT		C37RYF	F37RYF	L37RYFT	UG37R
Same as 261	NEW			U261		C261	F261	L261	
319	OLD					C43RYF	F43RYF	L43RYFT	
	NEW				S319	C319	F319	L319	
320	OLD					C45RSYF	F45RSYF	L45RSYFT	
	NEW				S320	C320	F320	L320	
321	OLD		A301AYD	U301AYDT		C301AYD			UG301A
	NEW		A321	U321		C321			
322	OLD		A30AYD	U30AYDT					
	NEW		A322	U322					
327	OLD			U361RYFT		C361RYF		L361RYFT	UG361R
	NEW			U327		C327		L327	
328	OLD					C7K7YD			
	NEW					C328			
329	OLD		A2FYD	U2FYDT					
	NEW		A329	U329					
331	OLD			U3K6YDT		C3K6YD			
	NEW			U331		C331			
339	OLD		A2KYD	U2KYDT					UG2K
Same as 205	NEW		A205	U205					
341	OLD			U41RSYFT		C41RSYF	F41RSYF	L41RSYFT	
Same as 205	NEW			U305		C305	F305	L305	

DIE SET CONVERSION CHART (Continued)
FOR OBSOLETE DIES AND TOOLS

DIE INDEX		MECHANICAL TOOLS	HYDRAULIC TOOLS						GAGE NO.
		MD5	Y34A	Y35 & Y35L	Y45L	Y48B	Y486RB	Y60B	
342	OLD					C391AYD	F391AYD	L391AYDT	UG361A
	NEW				S342	C342	F342	L342	
344	OLD					C7K5YD			
	NEW					C344			
345	OLD					C44YD	F44YD	L44YDT	
	NEW					C345	F345	L345	
350	OLD			U36RSYFT		C36RSYF	F36RSYF	L36RSYFT	UG36RS
	NEW			U350		C350	F350	L350	
352	OLD					C45RYF	F45RYF	L45RYFT	
	NEW				S352	C352	F352	L352	
373	OLD		A25YD-1	U25YDT-1					
	NEW		A373	U373					
376 Same as 314	OLD					C48RSYF	F48RSYF	L48RSYFT	
	NEW					C314	F314	L314	
403	OLD		A1CYD-1	U1CYDT-1					
	NEW		A403	U403					
406	OLD		A26GYD						
	NEW		A406						
419	OLD					C49RSYF	F49RSYF	L49RSYFT	UG49RS
	NEW					C419	F419	L419	
422	OLD						F49RYF	L49RYFT	
	NEW						F422	L422	
426 Same as 317	OLD			U35RYFT		C35RYF		L35RYFT	UG35R
	NEW			U317		C317		L317	
459	OLD		A1CYD-3	U1CYDT-3					
	NEW		A459	U459					
468	OLD		A311AYD	U311AYDT					
	NEW		A468	U468					
469	OLD					C361AYD	F361AYD	L361AYDT	
	NEW				S469	C469	F469	L469	
490 Same as 547	OLD		A321RYF	U321RYFT		C321RYF	F321RYF	L321RYFT	UG321R
	NEW		A490	U490		C490	F490	L490	
495	OLD					C47RYF	R47RYF	L47RYFT	
	NEW					C495	F495	L495	
505 Same as 163	OLD	MD5-2	A2CYD	U2CYDMT		C2CYD	F2CYD	L2CYDT	UG2C
	NEW	MD5-2	A163	U163		C163	F163	L163	
547 Same as 490	OLD		A321RYF	U321YRFT		C321RYF	F321RYF	L321RYFT	UG321R
	NEW		A490	U490		C490	F490	L490	
552	OLD		A26FYD	U26FYDT					
	NEW		A552	U552					
568	OLD		A25FYD	U25FYDT					
	NEW		A568	U568					
575	OLD					C48RYF	F48RYF	L48RYFT	UG48R
	NEW					C575	F575	L575	
576	OLD					C36YD	F36YD	L36YDT	
	NEW					C576	F576	L576	
578 Same as 292	OLD					C412RYF-1	F412RYF-1	L412RYFT-1	UG412R1
	NEW				S292	C292	F292	L292	

DIE SET CONVERSION CHART (Continued)
FOR OBSOLETE DIES AND TOOLS

DIE INDEX		MECHANICAL TOOLS	HYDRAULIC TOOLS						GAGE NO.
		MD5	Y34A	Y35 & Y35L	Y45L	Y48B	Y486RB	Y60B	
579	OLD					C451RYF	F451RYF	L451RYFT	
	NEW					C579	F579	L579	
607	OLD			U281UYDT					
	NEW			U607					
608	OLD			U39RYFT		C39RYF	F39RYF	L39RYFT	
	NEW			U608		C608	F608	L608	
609	OLD		A250EYD	U250EYDT		C250EYD			
	NEW		A609	U609		C609			
614	OLD					C38RYF			
	NEW					C614			
616	OLD		A29AYD						
	NEW		A616						
627	OLD					C39YD	F39YD	L39YDT	
	NEW					C627	F627	L627	
642	OLD			U32LYDT		C32LYD			
	NEW			U642		C642			
643	OLD			U32RLYDT					
	NEW			U643					
648	OLD						F49RYF-1	L49RYFT-1	UG49R
	NEW						F648	L648	
654	OLD		A28RLYR	U28RLYRT				L28RLYRT	
	NEW		A654	U654				L654	
655	OLD			U321RLYRT					
	NEW			U655					
657	OLD					C39LYR			
	NEW					C657			
658	OLD		A27RLYR	U27RLYRT					UG27RL
	NEW		A658	U658					
659	OLD		A26RLYR	U26RLYRT					UG26RL
	NEW		A659	U659					
660	OLD		A25RLYR	U25RLYRT					
	NEW		A660	U660					
667	OLD					C36RLYR-1			
	NEW					C667			
668	OLD			U7M8YRT					
	NEW			U668					
676	OLD			U7M10YRT					
	NEW			U676					
677	OLD			U7M9YRT					UG7M9
	NEW			U677					
678	OLD			U7M7YRT					
	NEW			U678					
679	OLD			U7M6YRT					
	NEW			U679					
684	OLD						F51RYR	L51RYRT	
	NEW						F684	L684	
687	OLD								
	NEW								

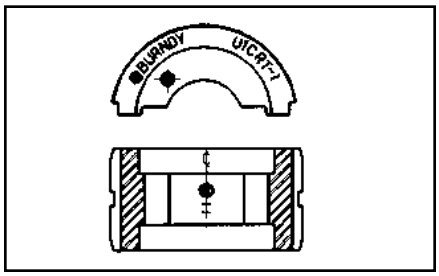
DIE SET CONVERSION CHART (Continued)
FOR OBSOLETE DIES AND TOOLS

DIE INDEX		MECHANICAL TOOLS	HYDRAULIC TOOLS					GAGE NO.
		MD5	Y34A	Y35 & Y35L	Y45L	Y48B	Y486RB	Y60B	
690	OLD			U1SET					
	NEW			U690					
691	OLD			U2SET					
	NEW			U691					
692	OLD			U4SET					
	NEW			U692					
693	OLD			U6AET					
	NEW			U693					
694	OLD			U10AET					
	NEW			U694					
702	OLD								
	NEW								

12-TON U DIES*

BURNDY® Die Sets

Fits Y35, Y39, Y750HS, PAT750, PAT750XT-18V, PAT46-18V, Y46 (with PUADP-1 Adapter)





U die case Part# **PT29291**, holds up to 15 dies

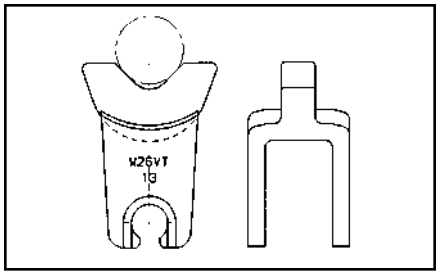
	Wire Size	Copper	Aluminum
Small	#8	**U8CRT**	**U8CABT**
	#6	**U5CRT**	**U6CABT**
	#4	**U4CRT**	**U4CABT**
	#3	**U3CRT**	N/A
	#2	**U2CRT**	**U2CABT**
	#1	**U1CRT-1**	**U1CART**
	1/0	**U25RT**	**U25ART**
	2/0	**U26RT**	**U26ART**
	3/0	**U27RT**	**U27ART**
	4/0	**U28RT**	**U28ART**
	250 kcmil	**U29RT**	**U29ART**
	300 kcmil	**U30RT**	**U30ART**
	350 kcmil	**U31RT**	**U31ART**
	400 kcmil	**U32RT**	**U32ART**
	500 kcmil	**U34RT**	**U34ART**
	535 Flex kcmil	**U38XRT**	N/A
	600 kcmil	**U36RT**	**U36ART**
	750 kcmil	**U39RT**	**U39ART-2**
Large	777 Flex	**U44XRT**	N/A

* Non-tension U-type 12-ton dies for YA, YS, YA-A, YS-A style connectors.
NOTE: N/A = not applicable.

W DIES

BURNDY® Die Sets

Fits Tools MD6, MD7, Y500CTHS, PAT600-18V, PATMD6 Series





W die case Part# **PT4946**, holds up to 12 dies

	Wire Size	Copper	Aluminum
Small	#8	**W8CVT**	**X8CART**
	#6	**W5CVT**	**W161**
	#4	**W4CVT**	**W162**
	#3	**W3CRT**	N/A
	#2	**W2CVT**	**W239**
	#1	**W1CVT**	**W163**
	1/0	**W25VT**	**W241**
	2/0	**W26VT**	**W245**
	3/0	**W27VT**	**W166**
	4/0	**W28VT**	**W660**
	250	***W29VT**	N/A
	300	***W30VT**	N/A
	350	***W31VT**	***W31ART**
	400	***W32VT**	N/A
Large	500	***W34VT**	N/A
	600	****W36RT**	N/A

* These sizes (250-500) for Y500CT, MD7-34(R), BCT500HS, PAT600-18V only.
** For PAT600-18V only.
NOTE: N/A = not applicable.
Suitable for use on YA, YS, YA-A, YS-A type non-tension connectors.

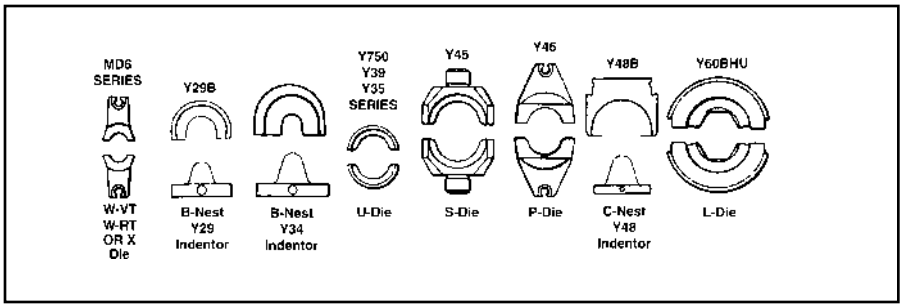
Throughout the catalog you will notice blue highlighted items. These are the most frequently ordered BURNDY® Products.

PRESENT INSTALLATION TOOL INDEX

This chart provides a cross-reference between die index numbers marked on **BURNDY® COMPRESSION CONNECTORS** and the **CORRESPONDING DIE SETS** used with the various **BURNDY® INSTALLATION TOOLS**. This is the only way to have a BURNDY® compression system.

A die index number has been assigned to each required groove configuration. A prefix letter is used to indicate the specific installation tool for which the die has been designed, as shown below.

Installation Tool



Corresponding Die Set

DIE IDENTIFICATION NUMBERING SYSTEM

U 34 ART

- ART — USE CHART (CHART III)
- 34 — WIRE SIZE (CHART II) OR INDEX
- U — TOOL TYPE (CHART I)

CHART I

A - Y34A	E - Y44B	P - Y46	X - OUR840/MD-6
B - Y34BH	F - Y486RB	S - Y45	
C - Y48B	G - Y34C	U - Y35	
	L - Y60B	W - MD-6/OUR840	

CHART II

12 - #12	4C - #4	26 - 2/0	31 - 350 MCM	OR INDEX
10 - #10	3C - #3	27 - 3/0	32 - 400 MCM	i.e., U312
8C - # 8	2C - #2	28 - 4/0	34 - 500 MCM	312 Die Index
6C - # 6	1C - #1	29 - 250 MCM	36 - 600 MCM	
5C - # 5	25 - 1/0	30 - 300 MCM	39 - 750 MCM	
			44 - 1000 MCM	

CHART III

A - ALUMINUM
B - INDENTOR NEST (USED WITH INDENTOR DIE # Y34P**)
R - ROUND DIE (CIRCUMFERENTAL)
T - TWIN DIE (BOTH HALVES)

PRESENT INSTALLATION TOOL INDEX

DIE		DIELESS TOOLS		INSTALLATION TOOLING USING DIES												
GROOVE		MECH.	HYDR.	DIE INFORMATION		MECHANICAL		HYDRAULIC								
BURNDY	EEI	MR, MY	Y644	TYPE	COLOR	MD6	OUR840	Y29B⑤	Y34B	Y35 ①	Y39	Y750 ①	Y45 ②	Y46 ③	Y48B	Y60BHU
A				DIE SET						U-A	U-A	U-A	U-A	U-A		
BG				DIE SET		Perm GR W-BG	X-BG X-NBG			U-BG	U-BG	U-BG	U-BG	U-BG		
C				DIE SET	BROWN	W-C				U-C	U-C	U-C	U-C	U-C		
D				DIE SET						U-D	U-D	U-D	U-D	U-D		
D3				DIE SET	BLUE					U-YFD	U-YFD	U-YFD	U-YFD	U-YFD		
						Perm GR				U-D3	U-D3	U-D3	U-D3	U-D3		
E				DIE SET						U-E	U-E	U-E	U-E	U-E		
F				DIE SET						U-F	U-F	U-F	U-F	U-F		
H				DIE SET						U-H	U-H	U-H	U-H	U-H		
K-1/4				DIE SET		WK14										
K-5/16				DIE SET		WK516				UK516T	UK516T	UK516T	UK516T	UK516T		
K-3/8				DIE SET		WK38				UK38T	UK38T	UK38T	UK38T	UK38T		
K-1/2				DIE SET		WK12										
K-9/16				DIE SET		WK916				UK916T	UK916T	UK916T	UK916T	UK916T		
K-19/32				DIE SET		WK1932										
K-5/8-1				DIE SET						UK581T	UK581T	UK581T	UK581T	UK581T		
K-11/16				DIE SET		WK1116				UK1116T	UK1116T	UK1116T	UK1116T	UK1116T		
K-3/4				DIE SET						UK34T	UK34T	UK34T	UK34T	UK34T		
K-1				DIE SET						UK1T	UK1T	UK1T	UK1T	UK1T		
K-1-5/16				DIE SET						UK1516T	UK1516T	UK1516T	UK1516T	UK1516T		
K-635				DIE SET		WK737				UK737T	UK737T	UK737T	UK737T	UK737T		
K-747				DIE SET		WK747										
K-781				DIE SET		WK781										
K-840				DIE SET		W-K840				U-K840	U-K840	U-K840	U-K840	U-K840		
KB				DIE SET		WKB				UKBT	UKBT	UKBT	UKBT	UKBT		
KBKT				DIE SET						UKBKTT	UKBKTT	UKBKTT	UKBKTT	UKBKTT		
KC				DIE SET						UKCT	UKCT	UKCT	UKCT	UKCT		
KK				DIE SET		WKK										
KR				DIE SET	YELLOW									P-YFR		
													S-KR	P-KR		
KT				DIE SET		WKT										
KU				DIE SET						UKUT	UKUT	UKUT	UKUT	UKUT		
L				DIE SET		W-L				U-L	U-L	U-L	U-L	U-L		
L80				DIE SET	—					U32XRT	U32XRT	U32XRT	U32XRT	U32XRT		
L99				DIE SET	PINK					U38XRT	U38XRT	U38XRT	U38XRT	U38XRT		
L115				DIE SET	YELLOW					U44XRT	U44XRT	U44XRT	U44XRT	U44XRT		
M				DIE SET						U-M	U-M	U-M	U-M	U-M		
N				DIE SET	RED					U-YFN	U-YFN	U-YFN	U-YFN	P-YFN		
										U-N	U-N	U-N	S-N	P-N		
O				DIE SET	GREEN					U-YFO	U-YFO	U-YFO	U-YFO	U-YFO		
						Perm GR W-O				U-O	U-O	U-O	U-O	U-O		
Q				DIE SET		W-Q										

① Cat. No. Y35P3 Adaptor is required to use "Y34PR" type indentors with "U" type nest dies in Y35 and Y750 series tools.
② Cat. No. PT6515 Adaptor is required to use "U" type dies in Y45 series tools.
③ Cat. No. PUADP-1 Adaptor is required to use "U" type dies in Y46 series tools.
④ The MD6-6R2 ratchet tool is required on these sizes. The standard MD6 or MD6R ratchet tools will not work.
⑤ Also pnuematic version Y29NC.

PRESENT INSTALLATION TOOL INDEX (Continued)

DIE		DIELESS TOOLS		INSTALLATION TOOLING USING DIES												
GROOVE		MECH.	HYDR.	DIE INFORMATION		MECHANICAL		HYDRAULIC								
BURNDY	EEI	MR, MY	Y644	TYPE	COLOR	MD6	OUR840	Y29B ⑤	Y34B	Y35 ①	Y39	Y750 ①	Y45 ②	Y46 ③	Y48	Y60BHU
R				DIE SET						U-R	U-R	U-R	U-R	U-R		
T				DIE SET									S-T			
Z				DIE SET									S-Z			
7		MR4C MY29-3 MY29-11	1 CRIMP	DIE SET	BLUE	W5CRT				U5CRT	U5CRT	U5CRT	U5CRT	U5CRT		
				NEST INDENTOR				D6CL	B6CD	U6CD-1	U6CD-1	U6CD-1	U6CD-1	U6CD-1		
94								Y29PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR		
8		MR4C MY29-3 MY29-11	1 CRIMP	DIE SET	GRAY	W4CRT	W4CRT			U4CRT	U4CRT	U4CRT	U4CRT	U4CRT		
				NEST INDENTOR				D4CL	B4CD	U4CD-1	U4CD-1	U4CD-1	U4CD-1	U4CD-1		
95								Y29PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR		
9		MY29-3 MY29-11	1 CRIMP	DIE SET	WHITE	W3CRT	W3CRT			U3CRT	U3CRT	U3CRT	U3CRT	U3CRT		
				NEST INDENTOR				D3CL	B3CD	U3CD-1	U3CD-1	U3CD-1	U3CD-1	U3CD-1		
96								Y29PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR		
10		MY29-3 MY29-11	1 CRIMP	DIE SET	BROWN	W2CRT				U2CRT	U2CRT	U2CRT	U2CRT	U2CRT		
				NEST INDENTOR				D2CL	B2CD	U2CD-1	U2CD-1	U2CD-1	U2CD-1	U2CD-1		
97								Y29PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR		
11		MY29-3 MY29-11	1 CRIMP	DIE SET	GREEN	W1CRT				U1CRT	U1CRT	U1CRT	U1CRT	U1CRT		
				NEST INDENTOR				D1CL	B1CD	U1CD-1	U1CD-1	U1CD-1	U1CD-1	U1CD-1		
98								Y29PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR		
12		MY29-3 MY29-11	1 CRIMP	DIE SET	PINK	W25RT	W25RT			U25RT	U25RT	U25RT	U25RT	U25RT		
				NEST INDENTOR				D25L	B25D	U25D-1	U25D-1	U25D-1	U25D-1	U25D-1		
99								Y29PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR		
13		MY29-3 MY29-11	1 CRIMP	DIE SET	BLACK	W26RT				U26RT	U26RT	U26RT	U26RT	U26RT		
				NEST INDENTOR				D26CL	B26D	U26D-1	U26D-1	U26D-1	U26D-1	U26D-1		
100								Y29PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR		
14		MY29-3 MY29-11	1 CRIMP	DIE SET	ORANGE	W27RT				U27RT	U27RT	U27RT	U27RT	U27RT		
				NEST INDENTOR				D27L	B27D	U27D-1	U27D-1	U27D-1	U27D-1	U27D-1		
101								Y29PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR		
15		MY29-3 MY29-11	1 CRIMP	DIE SET	PURPLE	W28RT				U28RT	U28RT	U28RT	U28RT	U28RT	C28R	
				NEST INDENTOR				D28L	B28D	U28D-1	U28D-1	U28D-1	U28D-1	U28D-1	C28D	
								Y29PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR	Y48PR	
16		MY29-3 MY29-11	1 CRIMP	DIE SET	YELLOW	W29RT ④				U29RT	U29RT	U29RT	U29RT	U29RT	C29R	
				NEST INDENTOR				D29L	B29D		U29D-1	U29D-1	U29D-1	U29D-1	C29D	
								Y29PR	Y34PR		Y34PR	Y34PR	Y34PR	Y34PR	Y48PR	
17			1 CRIMP	DIE SET	WHITE	W30RT ④				U30RT	U30RT	U30RT	U30RT	U30RT	C30R	L30RT
				NEST INDENTOR					B30D		U30D-1	U30D-1	U30D-1	U30D-1	C30D	
									Y34PR		Y34PR	Y34PR	Y34PR	Y34PR	Y48PR	
18			1 CRIMP	DIE SET	RED	W31RT ④				U31RT	U31RT	U31RT	U31RT	U31RT	C31R	L31RT
				NEST INDENTOR					B31D		U31D-1	U31D-1	U31D-1	U31D-1	C31D	
									Y34PR		Y34PR	Y34PR	Y34PR	Y34PR	Y48PR	
19			1 CRIMP	DIE SET	BLUE	W32RT ④				U32RT	U32RT	U32RT	U32RT	U32RT	C32R	L32RT
				NEST INDENTOR					B32D		U32D-1	U32D-1	U32D-1	U32D-1	C32D	
									Y34PR		Y34PR	Y34PR	Y34PR	Y34PR	Y48PR	
20			1 CRIMP	DIE SET	BROWN	W34RT ④				U34RT	U34RT	U34RT	U34RT	U34RT	C34R	L34RT
				NEST INDENTOR					NO DIE		U34D-1	U34D-1	U34D-1	U34D-1	C34D	
									Y34PR		Y34PR	Y34PR	Y34PR	Y34PR	Y48PR	

① Cat. No. Y35P3 Adapter is required to accommodate "Y34PR" type indentor in Y35, Y39, Y750 HYTOOLS and with the PUADP-1 adapter in the Y46 and with the PT6515 adapter in the Y45.
② Cat. No. PT6515 Adapter is required to use "U" type dies in Y45 series tools.
③ Cat. No. PUADP-1 Adapter is required to use "U" type dies in Y46 series tools.
④ The MD6-6R2 ratchet tool is required on these sizes. The standard MD6 or MD6R ratchet tools will not work.
⑤ Also pneumatic version Y29NC.
⑥ Use U11T-1 for YH8C8C.
⑦ Hexagonal crimp.
⑧ Die 302 recommended for 1.84 O.D. barrel.

PRESENT INSTALLATION TOOL INDEX (Continued)

DIE		DIELESS TOOLS		INSTALLATION TOOLING USING DIES												
GROOVE		MECH.	HYDR.	DIE INFORMATION		MECHANICAL		HYDRAULIC								
BURNDY	EEI	MR, MY	Y644	TYPE	COLOR	MD6	OUR840	Y29B ⑤	Y34B	Y35 ①	Y39	Y750 ①	Y45 ②	Y46 ③	Y48	Y60BHU
21			1 CRIMP	DIE SET	YELLOW						U35RT	U35RT	U35RT	U35RT		
				NEST INDENTOR											C35D	
															Y48PR	
22			1 CRIMP	DIE SET	GREEN						U36RT	U36RT	U36RT	U36RT	C36R	L36RT
				NEST INDENTOR										P36D	C36D	
														P44PR	Y48PR	
23			1 CRIMP	DIE SET	ORANGE										C37R	
				NEST INDENTOR											C37D	
															Y48PR	
24			1 CRIMP	DIE SET	BLACK						U39RT	U39RT	S39RT	P39RT	C39R	L39RT
				NEST INDENTOR										P39D	C39D	
														P44PR	Y48PR	
25			1 CRIMP	DIE SET	ORANGE								S40RT	P40RT	C40R	L40RT
				NEST INDENTOR										P40D	C40D	
														P44PR	Y48PR	
26			1 CRIMP	DIE SET	GOLD											
				NEST INDENTOR											C41D	
															Y48PR	
27			1 CRIMP	DIE SET	WHITE								S44RT	P44RT	C44R	L44RT
				NEST INDENTOR										P44D	C44D	
														P44PR	Y48PR	
28				DIE SET												
				NEST INDENTOR											C443D	
															Y48PR	
29				DIE SET	YELLOW									P45RT	C45R	L45RT
				NEST INDENTOR											C45D	
															Y48PR	
30				DIE SET	ORANGE											
				NEST INDENTOR											C453D	
															Y48PR	
31				DIE SET	GREEN								S46RT	P46RT	C46R	L46RT
				NEST INDENTOR										No Nest	C46D	
														Y44PR	Y48PR	
33				DIE SET	GRAY										C47R	L47RT
				NEST INDENTOR											C47D	
															Y48PR	
34				DIE SET	BROWN											L48RT
				NEST INDENTOR											C48D	
															Y48PR	
38		MR4C MR8G98 MR89Q MY28 Y8MRB-1		NEST INDENTOR				DV8L	BV8L	UV8L	UV8L	UV8L	UV8L	UV8L		
								Y29PL	Y34PL	Y34PL	Y34PL	Y34PL	Y34PL	Y34PL		
39		MR4C MY28		NEST INDENTOR				DV6L	BV6L	UV6L	UV6L	UV6L	UV6L	UV6L		
								Y29PL	Y34PLA	Y34PLA	Y34PLA	Y34PLA	Y34PLA	Y34PLA		

① Cat. No. Y35P3 Adapter is required to accommodate "Y34PR" type indentor in Y35, Y39, Y750 HYTOOLS and with the PUADP-1 adapter in the Y46 and with the PT6515 adapter in the Y45.
② Cat. No. PT6515 Adapter is required to use "U" type dies in Y45 series tools.
③ Cat. No. PUADP-1 Adapter is required to use "U" type dies in Y46 series tools.
⑤ Also pneumatic version Y29NC.

PRESENT INSTALLATION TOOL INDEX (Continued)

DIE		DIELESS TOOLS		INSTALLATION TOOLING USING DIES												
GROOVE		MECH.	HYDR.	DIE INFORMATION		MECHANICAL		HYDRAULIC								
BURNDY	EEI	MR, MY	Y644	TYPE	COLOR	MD6	OUR840	Y29B ⑤	Y34B	Y35 ①	Y39	Y750 ①	Y45 ②	Y46 ③	Y48	Y60BHU
40		MR4C MY28		NEST INDENTOR				DV4L	BV4L	UV4L	UV4L	UV4L	UV4L	UV4L		
								Y29PL	Y34PLA	Y34PLA	Y34PLA	Y34PLA	Y34PLA	Y34PLA		
41		MY28		NEST INDENTOR				DV2L	BV2L	UV2L	UV2L	UV2L	UV2L	UV2L		
								Y29PL	Y34PLA	Y34PLA	Y34PLA	Y34PLA	Y34PLA	Y34PLA		
42		MY28		NEST INDENTOR				DV1L	BV1L	UV1L	UV1L	UV1L	UV1L	UV1L		
								Y29PL	Y34PLA	Y34PLA	Y34PLA	Y34PLA	Y34PLA	Y34PLA		
43		MY28		NEST INDENTOR				DV25L	BV25L	UV25L	UV25L	UV25L	UV25L	UV25L		
								Y29PL	Y34PA	Y34PA	Y34PA	Y34PA	Y34PA	Y34PA		
44		MY28		NEST INDENTOR				DV26L	BV26L	UV26L	UV26L	UV26L	UV26L	UV26L		
								Y29PL	Y34PA	Y34PA	Y34PA	Y34PA	Y34PA	Y34PA		
45		MY28		NEST INDENTOR					BV27L	UV27L	UV27L	UV27L	UV27L	UV27L		
									Y34PA	Y34PA	Y34PA	Y34PA	Y34PA	Y34PA		
46		MY28		NEST INDENTOR					BV28L	UV28L	UV28L	UV28L	UV28L	UV28L		
									Y34PA	Y34PA	Y34PA	Y34PA	Y34PA	Y34PA		
49				DIE SET	RED	W8CRT			*	U8CRT	U8CRT	U8CRT	U8CRT	U8CRT		
161				DIE SET		W161	X-161			U161	U161	U161	U161	U161		
162				DIE SET		W162	W162			U162	U162	U162	U162	U162	C162	
163 505				DIE SET		W163	W163			U163	U163	U163	U163	U163	C163	
164 275				DIE SET		W164				U164	U164	U164	U164	U164	C164	
165 205,287 339				DIE SET		W165	X-165			U165/ U205	U165/ U205	U165/ U205	U165/ U205	U165/ U205	C165	L165
166 206,459				DIE SET		W166				U166/ U459	U166/ U459	U166/ U459	U166/ U459	U166/ U459	C166	L166
167 207,211 256,568				DIE SET		W167				U167/ U568	U167/ U568	U167/ U568	U167/ U568	U167/ U568	C167	L167
168 208				DIE SET						U168	U168	U168	U168	U168	C168	L168
169				DIE SET						U169	U169	U169	U169	U169	C169	L169
170 306				DIE SET						U170	U170	U170	U170	U170	C170	L170
171				DIE SET		W171				U171	U171	U171	U171	U171		
193				DIE SET						U193	U193	U193	U193	U193	C193	L193
202				DIE SET						U202	U202	U202	U202	U202		
203				DIE SET						U203	U203	U203	U203	U203		
204				DIE SET						U204	U204	U204	U204	U204		
205 165,287 339				DIE SET			X-165			U165/ U205	U165/ U205	U165/ U205	U165/ U205	U165/ U205		
206 166 459				DIE SET	W166					U166/ U459	U166/ U459	U166/ U459	U166/ U459	U166/ U459		L166
207 167,211 256,568				DIE SET	W167					U167/ U568	U167/ U568	U167/ U568	U167/ U568	U167/ U568	C167	L167
208 168				DIE SET						U168	U168	U168	U168	U168	C168	L168
209				DIE SET						U209	U209	U209	U209	U209	C209	L209
210				DIE SET						U210	U210	U210	U210	U210	C210	L210

① Cat. No. Y35P3 Adapter is required to accommodate "Y34PR" type indentor in Y35, Y39, Y750 HYTOOLS and with the PUADP-1 adapter in the Y46 and with the PT6515 adapter in the Y45.
② Cat. No. PT6515 Adapter is required to use "U" type dies in Y45 series tools.
③ Cat. No. PUADP-1 Adapter is required to use "U" type dies in Y46 series tools.
⑤ Also pneumatic version Y29NC.
* Add Nest (BV8L) & Indentor (Y34PL) for Y34B.

PRESENT INSTALLATION TOOL INDEX (Continued)

DIE		DIELESS TOOLS		INSTALLATION TOOLING USING DIES												
GROOVE		MECH.	HYDR.	DIE INFORMATION		MECHANICAL		HYDRAULIC								
BURNDY	EEI	MR, MY	Y644	TYPE	COLOR	MD6	OUR840	Y29B ⑤	Y34B	Y35 ①	Y39	Y750 ①	Y45 ②	Y46 ③	Y48	Y60BHU
211 167, 211 256, 568				DIE SET		W167				U167/ U568	U167/ U568	U167/ U568	U167/ U568	U167/ U568	C167	L167
236				DIE SET		W236				U236	U236	U236	U236	U236		
237				DIE SET		W237	X-237			U237	U237	U237	U237	U237		
238				DIE SET		W238				U238	U238	U238	U238	U238		
239				DIE SET		W239	X-239			U239	U239	U239	U239	U239		
240				DIE SET	RED	W240				U240	U240	U240	U240	U240		
241				DIE SET		W241	X-241			U241	U241	U241	U241	U241		
242 244	3S/ 4S			DIE SET		W242				U242	U242	U242	U242	U242	C242	L242
243	8A			DIE SET		W243				U243	U243	U243	U243	U243	C243	L243
244 242	3S			DIE SET		W242				U242	U242	U242	U242	U242	C242	L242
245	9A			DIE SET		W245	X-245			U245	U245	U245	U245	U245	C245	L245
246 248	5S			DIE SET		W248				U248	U248	U248	U248	U248	C248	L248
247				DIE SET		W247	X-247			U247	U247	U247	U247	U247	C247	L247
248 246	5S			DIE SET		W248				U248	U248	U248	U248	U248	C248	L248
249	11A			DIE SET		W249	X-249			U249	U249	U249	U249	U249	C249	L249
250				DIE SET						U250	U250	U250	U250	U250	C250	L250
251	12A			DIE SET	RED	W251				U251	U251	U251	U251	U251	C251	L251
252				DIE SET						U252	U252	U252	U252	U252	C252	L252
253				DIE SET						U253	U253	U253	U253	U253	C253	L253
254				DIE SET									S254	P254	C254	L254
255				DIE SET						U255	U255	U255	U255	U255	C255	L255
256 167, 207 211, 568				DIE SET		W167				U167/ U568	U167/ U568	U167/ U568	U167/ U568	U167/ U568	C167	L167
257				DIE SET						U257	U257	U257	U257	U257	C257	L257
259				DIE SET						U259	U259	U259	U259	U259		
260				DIE SET											C260	L260
261 318	15A			DIE SET						U261	U261	U261	U261	U261	C261	L261
263				DIE SET						U263	U263	U263	U263	U263		
267				DIE SET						U267	U267	U267	U267	U267	C267	L267
275 164				DIE SET		W164				U164	U164	U164	U164	U164	C164	
276				DIE SET						U276	U276	U276	U276	U276		
285				DIE SET						U285	U285	U285	U285	U285		
287 165, 205 339				DIE SET		W165				U165/ U205	U165/ U205	U165/ U205	U165/ U205	U165/ U205		L165
292 578				DIE SET									S292	P292	C292	L292
293 294				DIE SET									S293	P293	C293	L293
296		MY29-3	1 CRIMP	DIE SET	TAN					U25ART	U25ART	U25ART	U25ART	U25ART	C25AR	
				NEST INDENTER										P27D		
														P34PR5		
297		MY29-3	1 CRIMP	DIE SET	OLIVE					U26ART	U26ART	U26ART	U26ART	U26ART	C26AR	
				NEST INDENTER										P29D		
														P34PR5		

① Cat. No. Y35P3 Adapter is required to accommodate "Y34PR" type indentor in Y35, Y39, Y750 HYTOOLS and with the PUADP-1 adapter in the Y46 and with the PT6515 adapter in the Y45.

② Cat. No. PT6515 Adapter is required to use "U" type dies in Y45 series tools.

③ Cat. No. PUADP-1 Adapter is required to use "U" type dies in Y46 series tools.

⑤ Also pneumatic version Y29NC.

PRESENT INSTALLATION TOOL INDEX (Continued)

Die		Dieless Tools		Installation Tooling Using Dies												
Groove		Mech.	Hydr.	Die Information		Mechanical		Hydraulic								
BURNDY	EEI	MR, MY	Y644	Type	Color	MD6	OUR840	Y29B ⑤	Y34B	Y35 ①	Y39	Y750 ①	Y45 ②	Y46 ③	Y48	Y60BHU
298		MY29-3	1 Crimp	Die Set	White					U28ART	U28ART	U28ART	U28ART	U28ART	C28AR	L28ART
				Nest Indentor										P31D		
														Y34PR5		
299			1 Crimp	Die Set	Brown					U31ART	U31ART	U31ART	U31ART	U31ART	C31AR	L31ART
				Nest Indentor										P35D	C35D	
														P48PR1	Y48PR1	
300			1 Crimp	Die Set	Pink					U34ART	U34ART	U34ART	U34ART	U34ART	C34AR	L34ART
				Nest Indentor										P39D	C39D	
														P48PR1	Y48PR1	
301			1 Crimp	Die Set	Red								S39ART	P39ART	C39AR ⑥	L39ART
				Nest Indentor										P45D	C45D	
														P48PR1	Y48PR1	
302			1 Crimp	Die Set	Brown								S44ART	P44ART	C44AR	L44ART
				Nest Indentor										No Nest	C46D	
														P48PR1	Y48PR1	
304				Die Set						U304	U304	U304	U304	U304	C304	L304
305 341				Die Set						U305	U305	U305	U305	U305	C305	L305
306 170				Die Set						U170	U170	U170	U170	U170	C170	L170
308				Die Set						U308	U308	U308	U308	U308		
313				Die Set						U313	U313	U313	U313	U313	C313	L313
314 376				Die Set											C314	L314
316				Die Set						U316	U316	U316	U316	U316	C316	L316
317 426				Die Set						U317	U317	U317	U317	U317	C317	L317
318 261				Die Set						U261	U261	U261	U261	U261	C261	L261
319				Die Set									S319	P319	C319	L319
320				Die Set									S320	P320	C320	L320
321				Die Set						U321	U321	U321	U321	U321	C321	L321
322				Die Set						U322	U322	U322	U322	U322		
324			1 Crimp	Die Set	Red					U29ART	U29ART	U29ART	U29ART	U29ART	C29AR	L29ART
				Nest Indentor										P32D		
														P34PR5		
326 538				Die Set						U33RT	U33RT	U33RT	U33RT	U33RT		
327	14A			Die Set						U327	U327	U327	U327	U327	C327	L327
328				Die Set											C328	L328
329				Die Set						U329	U329	U329	U329	U329		
331				Die Set						U331	U331	U331	U331	U331		
339 165, 205 287				Die Set			X-339			U165/ U205	U165/ U205	U165/ U205	U165/ U205	U165/ U205		
341 305				Die Set						U305	U305	U305	U305	U305	C305	L305
342				Die Set									S342	P342	C342	L342
344				Die Set											C344	L344
345				Die Set											C345	L345
346 ⑦			1 Crimp	Die Set	Gray					U6CABT	U6CABT	U6CABT	U6CABT	U6CABT		

① Cat. No. Y35P3 Adapter is required to accommodate "Y34PR" type indentor in Y35, Y39, Y750 HYTOOLS and with the PUADP-1 adapter in the Y46 and with the PT6515 Adapter in the Y45.
② Cat. No. PT6515 Adapter is required to use "U" type dies in Y45 series tools.
③ Cat. No. PUADP-1 Adapter is required to use "U" type dies in Y46 series tools.
④ The MD6-6R2 ratchet tool is required on these sizes. The standard MD6 or MD6R ratchet tools will not work.
⑤ Also pneumatic version Y29NC.
⑥ Use C39AR round die 301 for 1.60 O.D. barrel. Use C39AR-2 hex die 936 for 1.46 O.D. barrel.
⑦ Hexagonal crimp.
⑧ Die 302 recommended for 1.84 O.D. barrel.

PRESENT INSTALLATION TOOL INDEX (Continued)

DIE		DIELESS TOOLS		INSTALLATION TOOLING USING DIES												
GROOVE		MECH.	HYDR.	DIE INFORMATION		MECHANICAL		HYDRAULIC								
BURNDY	EEI	MR, MY	Y644	TYPE	COLOR	MD6	OUR840	Y29B	Y34B	Y35 ①	Y39	Y750 ①	Y45 ②	Y46 ③	Y48	Y60BHU
348		1 CRIMP		DIE SET	PINK					U2CABT	U2CABT	U2CABT	U2CABT	U2CABT		
350				DIE SET						U350	U350	U350	U350	U350	C350	L350
352				DIE SET									S352	P352	C352	L352
373				DIE SET						U373	U373	U373	U373	U373		
374		MY29-3		DIE SET	BLUE					U8CABT	U8CABT	U8CABT	U8CABT	U8CABT		
375		MY29-3	1 CRIMP	DIE SET	GREEN					U4CABT	U4CABT	U4CABT	U4CABT	U4CABT		
376 314				DIE SET											C314	L314
403				DIE SET						U403	U403	U403	U403	U403		
419				DIE SET									S419	P419	C419	L419
422				DIE SET												L422
426 317				DIE SET						U317	U317	U317	U317	U317	U317	
459 166				DIE SET						U166/459	U166/459	U166/459	U166/459	U166/459		
467		MY29-3	1 CRIMP	DIE SET	RUBY					U27ART	A27ART	U27ART	U27ART	U27ART	C27AR	
				NEST INDENTOR										P30D		
														P34PR5		
468				DIE SET						U468	U468	U468	U468	U468		
469				DIE SET									S469	P469	C469	L469
470			1 CRIMP	DIE SET	BLUE					U30ART	U30ART	U30ART	U30ART	U30ART	C30AR	L30ART
				NEST INDENTOR										P34D	C34D	
														P48PR1	Y48PR1	
471		MY29-3	1 CRIMP	DIE SET	GOLD					U1CART	U1CART	U1CART	U1CART	U1CART		
				NEST INDENTOR												
472			1 CRIMP	DIE SET	GREEN					U32ART	U32ART	U32ART	U32ART	U32ART	C32AR	L32ART
				NEST INDENTOR										P35D	C35D	
														P48PR1	Y48PR1	
473			1 CRIMP	DIE SET	BLACK					U36ART	U36ART	U36ART	U36ART	U36ART	C36AR	L36ART
				NEST INDENTOR										P44D	C44D	
														P48PR1	Y48PR1	
474			1 CRIMP	DIE SET	GOLD								S40ART	P40ART	C40AR	L40ART
				NEST INDENTOR											C45D	
															Y48PR1	
478			1 CRIMP	DIE SET	BLUE										C46AR	L46ART
				NEST INDENTOR											C46AD	
															Y48PR11	
479				DIE SET	RED											L48ART
490 547				DIE SET						U490	U490	U490	U490	U490	C490	L490
495				DIE SET											C495	L495
505 163				DIE SET		W163				U163	U163	U163	U163	U163		L163
511		MY29-3		NEST INDENTOR					B6CD							
									Y34PA							
512		MY29-3		NEST INDENTOR					B4CD							
									Y34PA							
513		MY29-3		NEST INDENTOR					B1CD							
									Y34PA							
514		MY29-3		NEST INDENTOR					B26D							
									Y34PA							

① Cat. No. Y35P3 Adapter is required to accommodate "Y34PR" type indentor in Y35, Y39, Y750 HYTOOLS and with the PUADP-1 adapter in the Y46 and with the PT6515 adapter in the Y45.
② Cat. No. PT6515 Adapter is required to use "U" type dies in Y45 series tools.
③ Cat. No. PUADP-1 Adapter is required to use "U" type dies in Y46 series tools.
④ The MD6-6R2 ratchet tool is required on these sizes. The standard MD6 or MD6R ratchet tools will not work.
⑤ Also pneumatic version Y29NC.
⑥ Hexagonal crimp.

PRESENT INSTALLATION TOOL INDEX (Continued)

DIE		DIELESS TOOLS		INSTALLATION TOOLING USING DIES												
GROOVE		MECH.	HYDR.	DIE INFORMATION		MECHANICAL		HYDRAULIC								
BURNDY	EEI	MR, MY	Y644	TYPE	COLOR	MD6	OUR840	Y29B ⑤	Y34B	Y35 ①	Y39	Y750 ①	Y45 ②	Y46 ③	Y48	Y60BHU
515		MY29-3		NEST INDENTOR					B26D							
									Y34PR5							
516		MY29-3		NEST INDENTOR					B27D							
									Y34PR5							
517		MY29-3		NEST INDENTOR					B29D							
									Y34PR5							
518		MY29-3		NEST INDENTOR					B30D							
									Y34PR5							
519		MY29-3		NEST INDENTOR					B31D							
									Y34PR5							
520		MY29-3		NEST INDENTOR					B32D							
									Y34PR5							
521				NEST INDENTOR					No Nest						C34D	
									Y34PR11						Y48PR-1	
522				NEST INDENTOR											C35D	
															Y48PR-1	
523				NEST INDENTOR											C35D	
															Y48PR-1	
524				NEST INDENTOR											C39D	
															Y48PR-1	
525				NEST INDENTOR											C44D	
															Y48PR-1	
526				NEST INDENTOR											C45D	
															Y48PR-1	
527				NEST INDENTOR											C45D	
															Y48PR-1	
528				NEST INDENTOR											C46D	
															Y48PR-1	
529				NEST INDENTOR											C46AD	
															Y48PR-11	
538 326				DIE SET						U33RT	U33RT	U33RT	U33RT	U33RT		
547 490				DIE SET						U490	U490	U490	U490	U490	C490	L490
552				DIE SET						U552	U552	U552	U552	U552		
568 167, 207 211, 256				DIE SET		W167				U167/ U568	U167/ U568	U167/ U568	U167/ U568	U167/ U568		
575				DIE SET											C575	L575
576				DIE SET											C576	L576
578 292				DIE SET									S292	P292	C292	L292
579				DIE SET									S579	P579	C579	L579
587				DIE SET												L47ART
607				DIE SET						U607	U607	U607	U607	U607		
608				DIE SET						U608	U608	U608	U608	U608	C608	L608
609				DIE SET						U609	U609	U609	U609	U609	C609	
627				DIE SET											C627	L627
642				DIE SET						U642	U642	U642	U642	U642	C642	L642
643				DIE SET						U643	U643	U643	U643	U643		
647 ⑤				DIE SET											C45AR	L45ART

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② Cat. No. PT6515 Adapter is required to use "U" type dies in Y45 series tools.
③ Cat. No. PUADP-1 Adapter is required to use "U" type dies in Y46 series tools.
④ Also pneumatic version Y29NC.
⑤ Die 302 recommended for 1.84 O.D. barrel.

PRESENT INSTALLATION TOOL INDEX (Continued)

Die		Dieless Tools		Installation Tooling Using Dies												
Groove		Mech.	Hydr.	Die Information		Mechanical		Hydraulic								
BURNDY	EEI	MR, MY	Y644	Type	Color	MD6	OUR840	Y29B⑤	Y34B	Y35①	Y39	Y750①	Y45②	Y46③	Y48	Y60BHU
648				Die Set												L648
654				Die Set	Purple					U654	U654	U654	U654	P654		L654
655	13A			Die Set						U655	U655	U655	U655	U655		
658				Die Set						U658	U658	U658	U658	U658		
659				Die Set		W659				U659	U659	U659	U659	U659		
660				Die Set		W660	X-660			U660	U660	U660	U660	U660		
667				Die Set											C667	L667
668				Die Set						U668	U668	U668	U668	U668	C668	
676				Die Set						U676	U676	U676	U676	U676		
677				Die Set						U677	U677	U677	U677	U677		L677
678				Die Set						U678	U678	U678	U678	U678		
679				Die Set						U679	U679	U679	U679	U679		
684				Die Set												L684
687				Die Set		W687	X-687									
690	1S			Die Set		W690				U690	U690	U690	U690	U690		
691	2S			Die Set		W691				U691	U691	U691	U691	U691		
692	4S			Die Set		W692				U692	U692	U692	U692	U692		
693	6A			Die Set		W693				U693	U693	U693	U693	U693		
694	10A			Die Set		W694				U694	U694	U694	U694	U694		
702				Die Set		W702										
705				Die Set						U705	U705	U705	U705	U705		
717 ⑦				Die Set									S717	P717		L717/L717W
718 ⑦				Die Set												L718
719 ⑦				Die Set									S719	P719		L719/L719W
720 ⑦				Die Set									S720	P720		L720/L720W
721 ⑦				Die Set												L721
722 ⑦				Die Set									S722	P722	C722	L722/L722W
723 ⑦				Die Set											C723	L723
724 ⑦				Die Set									S724	P724	C724	L724/L724W
725 ⑦				Die Set									S725	P725	C725	L725/L725W
726 ⑦				Die Set												L726
727 ⑦				Die Set												L727/L727W
728 ⑦				Die Set												L728/L728W
729 ⑦				Die Set												L729/L729W
735 ⑦				Die Set												L735/L735W
740 ⑦				Die Set												L740
786				Die Set						U786	U786	U786	U786	U786		
788				Die Set						U788	U788	U788	U788	U788		
789				Die Set												L789
936 ⑦			1 Crimp	Die Set	Yellow					U39ART-2	U39ART-2	U39ART-2	U39ART-2	U39ART-2	C39ART-2	L39ART-2
997				Die Set	Orange					U997	U997	U997	U997	U997		
998				Die Set								PU998	S998	P998		
999				Die Set									S999	P999		
1011				Die Set								U1011	S1011	P1011		
1012				Die Set									S1012			
1013		MY29-11		Nest Indentor						UV8L	UV8L	UV8L	UV8L	UV8L		
										Y34PL	Y34PL	Y34PL	Y34PL	Y34PL		

① Cat. No. Y35P3 Adapter is required to accommodate "Y34PR" type indentor in Y35, Y39, Y750 HYTOOLS and with the PUADP-1 adapter in the Y46 and with the PT6515 adapter in the Y45.
② Cat. No. PT6515 Adapter is required to use "U" type dies in Y45 series tools.
③ Cat. No. PUADP-1 Adapter is required to use "U" type dies in Y46 series tools.
④ The MD6-6R2 ratchet tool is required on these sizes. The standard MD6 or MD6R ratchet tools will not work.
⑤ Also pneumatic version Y29NC.
⑥ Use C39AR round die 301 for 1.60 O.D. barrel. Use C39AR-2 hex die 936 for 1.46 O.D. barrel.
⑦ Hexagonal crimp.

PRESENT INSTALLATION TOOL INDEX (Continued)

Die		Dieless Tools		Installation Tooling Using Dies												
Groove		Mech.	Hydr.	Die Information		Mechanical		Hydraulic								
BURNDY	EEI	MR, MY	Y644	Type	Color	MD6	OUR840	Y29B ④	Y34B	Y35 ①	Y39	Y750 ①	Y45 ②	Y46 ③	Y48B	Y60BHU
1014		MY29-11		Nest						U6CD1	U6CD1	U6CD1	U6CD1	U6CD1		
				Indentor						Y34PR	Y34PR	Y34PR	Y34PR	Y34PR		
1015		MY29-11		Nest						U4CD1	U4CD1	U4CD1	U4CD1	U4CD1		
				Indentor						Y34PR	Y34PR	Y34PR	Y34PR	Y34PR		
1016		MY29-11		Nest						U3CD1	U3CD1	U3CD1	U3CD1	U3CD1		
				Indentor						Y34PR	Y34PR	Y34PR	Y34PR	Y34PR		
1017		MY29-11		Nest						U2CD1	U2CD1	U2CD1	U2CD1	U2CD1		
				Indentor						Y34PR	Y34PR	Y34PR	Y34PR	Y34PR		
1018		MY29-11		Nest						U1CD1	U1CD1	U1CD1	U1CD1	U1CD1		
				Indentor						Y34PR	Y34PR	Y34PR	Y34PR	Y34PR		
1019		MY29-11		Nest						U25D1	U25D1	U25D1	U25D1	U25D1		
				Indentor						Y34PR2	Y34PR2	Y34PR2	Y34PR2	Y34PR2		
1020		MY29-11		Nest						U26D1	U26D1	U26D1	U26D1	U26D1		
				Indentor						Y34PR2	Y34PR2	Y34PR2	Y34PR2	Y34PR2		
1021		MY29-11		Nest						U27D1	U27D1	U27D1	U27D1	U27D1		
				Indentor						Y34PR2	Y34PR2	Y34PR2	Y34PR2	Y34PR2		
1022		MY29-11		Nest						U28D1	U28D1	U28D1	U28D1	U28D1		
				Indentor						Y34PR2	Y34PR2	Y34PR2	Y34PR2	Y34PR2		
1023		MY29-11		Nest						U29D1	U29D1	U29D1	U29D1	U29D1		
				Indentor						Y34PR2	Y34PR2	Y34PR2	Y34PR2	Y34PR2		
1024				Nest						U30D1	U30D1	U30D1	U30D1	U30D1		
				Indentor						Y34PR2	Y34PR2	Y34PR2	Y34PR2	Y34PR2		
1025				Nest						U31D1	U31D1	U31D1	U31D1	U31D1		
				Indentor						Y34PR2	Y34PR2	Y34PR2	Y34PR2	Y34PR2		
1026				Nest						U32D1	U32D1	U32D1	U32D1	U32D1		
				Indentor						Y34PR2	Y34PR2	Y34PR2	Y34PR2	Y34PR2		
1027				Nest						U34D1	U34D1	U34D1	U34D1	U34D1		
				Indentor						Y34PR2	Y34PR2	Y34PR2	Y34PR2	Y34PR2		
1028				Nest										P36D	C36D	
				Indentor										P48PR1	Y48PR1	
1029				Nest										P38D	C38D	
				Indentor										P48PR1	Y48PR1	
1030				Nest										P39D	C39D	
				Indentor										P48PR1	Y48PR1	
1031				Nest										P40D	C40D	
				Indentor										P48PR1	Y48PR1	
1032				Nest										P44D	C44D	
				Indentor										P48PR1	Y48PR1	
1102				Die Set	White									P1102		
1103				Die Set	Blue									P1103		
1104				Die Set	Brown							U1104		P1104		
1105												U1105		P1105		
400				Die Set	Purple					U38RT	U38RT	U38RT	U38RT	U38RT		
				Nest											C38D	
				Indentor											Y48PR	
2000				Nest						U27B	U27B	U27B				
				Indentor						Y34PR15	Y34PR15	Y34PR15				

① Cat. No. Y35P3 Adapter is required to accommodate "Y34PR" type indentor in Y35, Y39, Y750 HYTOOLS and with the PUADP-1 adapter in the Y46 and with the PT6515 adapter in the Y45.
② Cat. No. PT6515 Adapter is required to use "U" type dies in Y45 series tools.
③ Cat. No. PUADP-1 Adapter is required to use "U" type dies in Y46 series tools.
④ Also pneumatic version Y29NC. Available in PIBEAM KIT

CATALOG NUMBERS REQUIRING MSDS

POWERCELL	PENA13-4	PENE 5GAL
P8A	PENA13-8	PENE 55GAL
PENA1/2	PENA13QT	PENHT-4
PENA-4	PENA13GAL	PENHT-8
PENACARTRIDGE	PENA13 5GAL	PENHT-1LB
PENA QT	PENA13 55GAL	PENHT-GAL
PENA GAL	PENE-4	ALFLUID QT
PENA 5GAL	PENE-8	ALFLUID GAL
PENA 55GAL	PENE QT	HYFLUID QT
PENA13CARTRIDGE	PENE GAL	HYFLUID GAL

* All Wejtap catalog numbers ending in PB require MSDS for Power Cell.

COLOR CODING FOR OVERHEAD CONNECTORS

	Aluminum & Copper			
Color Code	**Str.**	**Compact**	**Sol.**	**ASCR**
Brown	10		8	
Green	8		6	
Blue	5, 6		4	6
Orange	3, 4	#2	2	4
Red	1-19, 2	1/0	1	2
Yellow	1/0	2/0		1/0, 1
Gray	2/0	3/0		2/0
Black	3/0	4/0		3/0
Pink	4/0	266, 300		4/0
Red	250			
White	266			
Blue	300	350	266.8	(26/7, 18/1)
Brown	336			
Green	350, 397, 400			336.4 (26/7, 18/1)
Gray	450			
Pink	500			477 (18/1)
Green	556			
Purple	600			
Yellow				556.5 (24/7, 26/7)
Blue	650			
Red	700			
Yellow	750			
Orange	800			
White	900			
Brown	1000			

COLOR CODING FOR AL/CU CONNECTORS

COLOR CODE	STR	COLOR CODE	STR
BLUE	8	BLUE	300
GRAY	6	BROWN	350
GREEN	4	GREEN	400
PINK	2	PINK	500
GOLD	1	BLACK	600
TAN	1/0	YELLOW	700/750
OLIVE	2/0	RED	700/750
RUBY	3/0	BROWN	1000
WHITE	4/0	BLUE	1500
RED	250	RED	2000

NOTE: This chart is only intended as a guide. For specific applications refer to your catalog.

COLOR CODING FOR COPPER LUGS AND SPLICES

COLOR CODE	CODE SIZE		FLEX CABLE
	STR	SOL	
RED	8	6	8
BLUE	6		6
BLUE	5		
GRAY	4		4
WHITE	3	2	
BROWN	2		2
GREEN	1		1
PINK	1/0		1/0
BLACK	2/0		2/0
ORANGE	3/0		3/0
PURPLE	4/0		4/0
YELLOW	250		4/0 & 250
WHITE	300		250
RED	350		313.1
BLUE	400		373.7
BROWN	500		444.4
GREEN	600		
PINK	700		535.3
PURPLE			600
BLACK	750		646
YELLOW			777.7
ORANGE	800		
WHITE	1000		
YELLOW			1111
GREEN	1500		
BROWN	2000		

NOTE: This chart is only intended as a guide. For specific applications refer to your catalog.

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1059	I57
1060	I57
1061	I57
1062	I57
1063	I57
1064	I57
1065	I57
1066	I58
1067	I58
1070	I58
1071	I58, I66
1072	I58
1073	I58
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1077	I58
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1080	I58
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1084	I58
1085	I58
1086	I58
1089	I58
1090	I58
1093	I58
1094	I58
1095	I58
1097	I58
1100	I58
1103	I58
1112	I58
1113	I58
1114	I58
1117	I59
1118	I59
1120	I59
1121	I59
1123	I59
1124	I59
1131	I59
1133	I59
1138	I59
1139	I59
1140	I59
1141	I59
1142	I59
1143	I59
1144	I59
1145	I59
1146	I59
1147	I59
1149	I59
115	E62
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1157	I59
1158	I59
115CI	E62
115R	E62
1165	I60
1166	I60
1167	I60
1169	I60
1170	I60
1171	I60
1173	I60
1174	I60
1179	I60
1182	I60
1183	I60
1190	I60
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122EMT	N96
122IMC	N96
122PVC	N96
122RIG	N96
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145PTAG	F12
15	E62
150	E62
150R	E62
15CI	E62
15CP	E62
15R	E62
1PBS1/0	A54
1PBS2	A54
1PBS250	A54
1PBS350	A54
1PBS500	A54
1PL2/02	A54
1PL2/03	A54
1PL2502	A54
1PL2503	A54
1PL3502	A54
1PL42	A54
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1PL6002	A54
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1PLD3504	A54
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1PLD3508	A54
1PLD43	A54
1PLD44	A54
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1PLO2/02	A54
1PLO2502	A54
1PLO42	A54
1PLO6002	A54
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2050	I53
2050 ACSS	I53
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2055	I53
2056	I53
2057	I53
2058	I53
2059	I53
2060	I53
2061	I53
2062	I53
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2093	I54
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2095	I54
2097	I54
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2140	I55
2141	I55
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2149	I55
2150	I55
2157	I56
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2170	I56
2171	I56
2173	I56
2174	I56
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2183	I56
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25 FW BOX	D3
25 FWSS	D7
25 HSSN	D7
25 NW BOX	D3
25 SW BOX	D3
25 SWSS LT	D7
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250R	E62
25C HEN BOX	D3
25CI	E62
25CP	E62
25R	E62
25x100 HEB BOX	D2
25x125 HEB BOX	D2
25x150 HEB BOX	D2
25x200 HEB BOX	D2
25x250 HEB BOX	D2
25x300 HEB BOX	D2
25x50 HEB BOX	D2
25x62 HEB BOX	D2
25x75 HEB BOX	D2
3050	I61
3050 ACSS	I61
3051	I61
3052	I61
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3054	I61
3055	I61
3056	I61
3057	I61
3058	I61
3059	I61
3060	I61
3061	I61
3062	I61
3063	I61
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3084	I62
3085	I62
3086	I62
3089	I62
3090	I62
3093	I62
3094	I62
3095	I62
3097	I62
31 FW BOX	D3
31 NW BOX	D3
31 SW BOX	D3
3103	I63
3112	I63
3113	I63
3114	I63
3117	I63
3118	I63
3120	I63
3121	I63
3123	I63
3124	I63
3131	I63
3133	I63
3138	I63
3139	I63
3140	I63
3141	I63
3142	I63
3143	I63
3144	I63
3145	I63
3146	I63
3147	I63
3149	I64
3150	I64
3157	I64
3158	I64
3165	I64
3166	I64
3167	I64
3169	I64
3170	I64
3171	I64
3173	I64
3174	I64
3179	I64
3182	I64
3183	I64
3190	I64
3192	I64
31C HEN BOX	D3
31CHGSN	D5
31x100 HEB BOX	D2
31x125 HEB BOX	D2
31x150 HEB BOX	D2
31x175 HEB BOX	D2
31x200 HEB BOX	D2
31x250 HEB BOX	D2
31x300 HEB BOX	D2
31x50 HEB BOX	D2
31x62 HEB BOX	D2
31x75 HEB BOX	D2
32	E62
32CI	E62
32CP	E62
32R	E62
3300	I64
3301	I64
34NRB	K33
38 FW BOX	D3
38 FWSS	D7
38 HGSN	D5
38 HGSN-009	D5
38 HSSN	D7
38 NW BOX	D3

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38 NWGS	D5
38 SW BOX	D3
38 SWSSMD	D7
38 X (*) HEB	A22, L20
38C HEN BOX	D3
38CHEN	A22, L20
38SW	A22, L20
38x100 HEB BOX	D2
38x125 HEB BOX	D2
38x125 HGSB	D5
38X125 HSSB	D7
38x150 HEB BOX	D2
38x175 HEB BOX	D2
38x200 HEB BOX	D2
38x225 HEB BOX	D2
38x225 HGSB	D5
38x225 HSSB	D7
38x250 HEB BOX	D2
38x250 HSSB	D7
38x275 HEB BOX	D2
38x275 HGSB	D5
38x275 HSSB	D7
38x300 HEB BOX	D2
38x325 HEB BOX	D2
38x350 HEB BOX	D2
38x400 HEB BOX	D2
38x450 HEB BOX	D2
38x50 HEB BOX	D2
38x500 HEB BOX	D2
38x62 HEB BOX	D2
38x75 BWSS	D7
38x75 HEB BOX	D2
38x81 FWGS	D5
38x88 HEB BOX	D2
3S	A39
3U	A39
44 FW BOX	D3
44 NW BOX	D3
44 SW BOX	D3
44C HEN BOX	D3
44x150 HEB BOX	D2
44x200 HEB BOX	D2
45	E62
45CI	E62
45CP	E62
45R	E62
4S	A39
4U	A39
50 FW BOX	D3
50 FWA BOX	D6
50 FWSS	D7
50 HAN BOX	D6
50 HGSN	D5
50 HSSN	D7
50 NW BOX	D3
50 NWGS	D5
50 SW BOX	D3
50 SWAL BOX	D6
50 SWSSMD	D7
50 X (*) HEB	A22, L20
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500R	E62
50C HEN BOX	D3
50CHEN	A22, L20
50SW	A22, L20
50x100 HEB BOX	D2
50x100 HGSB	D5
50x106 BWSS	D7
50x106 FWGS	D5
50x125 HEB BOX	D2
50x150 HAB BOX	D6
50x150 HEB BOX	D2
50x150 HGSB	D5
50x175 HAB BOX	D6
50x175 HEB BOX	D2
50x200 HAB BOX	D6
50x200 HEB BOX	D2
50x200 HGSB	D5
50x200 HSSB	D7
50x225 HAB BOX	D6
50x225 HEB BOX	D2
50x250 HAB BOX	D6
50x250 HEB BOX	D2
50x250 HSSB	D7
50x275 HAB BOX	D6
50x275 HEB BOX	D2
50x300 HAB BOX	D6
50x300 HEB BOX	D2
50x300 HSSB	D7
50x325 HAB BOX	D6
50x325 HEB BOX	D2
50x350 HAB BOX	D6
50x350 HEB BOX	D2
50x375 HAB BOX	D6
50x375 HEB BOX	D2
50x400 HAB BOX	D6
50x400 HEB BOX	D2
50x425 HAB BOX	D6
50x450 HAB BOX	D6
50x450 HEB BOX	D2
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50x550 HEB BOX	D2
50x600 HEB BOX	D2
50x75 HEB BOX	D2
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5600-2076	I49
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62 FW BOX	D3
62 FWA BOX	D6
62 FWSS	D7
62 HAN BOX	D6
62 HGSN	D5
62 HSSN	D7
62 NW BOX	D3
62 NWGS	D5
62 SW BOX	D3
62 SWAL BOX	D6
62 SWSSMD	D7
62 X (*) HEB	A22, L20
62C HEN BOX	D3
62CHEN	A22, L20
62SW	A22, L20
62x100 HEB BOX	D2
62x100 HGSB	D5
62x125 HEB BOX	D2
62x150 HEB BOX	D2
62x175 HAB BOX	D6
62x175 HEB BOX	D2
62x175 HGSB	D5
62x200 HAB BOX	D6
62x200 HEB BOX	D2
62x225 HAB BOX	D6
62x225 HEB BOX	D2
62x250 HAB BOX	D6
62x250 HEB BOX	D2
62x275 HEB BOX	D2
62x300 HAB BOX	D6
62x300 HEB BOX	D2
62x300 HSSB	D7
62x325 HEB BOX	D2
62x350 HAB BOX	D6
62x350 HEB BOX	D2
62x400 HAB BOX	D6
62x400 HEB BOX	D2
62x450 HAB BOX	D6
62x450 HEB BOX	D2
62x500 HAB BOX	D6
62x500 HEB BOX	D2
62x550 HAB BOX	D6
62x600 HAB BOX	D6
62x600 HEB BOX	D2
65	E62
65CI	E62
65CP	E62
65R	E62
75 NWGS	D5
75 X (*) HEB	A22, L20
75CHEN	A22, L20
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75x125 HGSB	D5
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9072	I66
9073	I66
9074	I66
9075	I66
9076	I66
9077	I66
9079	I66
9080	I66
9083	I66
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9085	I66
9086	I66
9089	I66
9090	I66
9093	I66
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