

C&I Catalog



PUT YOUR MONEY ON OUR MARK

While competitors are very vague with how they treat conformance language, the BURNDY Engineered System makes it very clear. Our dies, connectors and tools, when used together, form a trusted UL Listed connection. Every UL certified compression connection made with the proper BURNDY tool, die and connector combination now comes with a 5-year warranty.



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**TYPES KS & KS-3
SERVIT® SPLIT BOLTS**

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	Copper		Recommended ▲ Tightening Torque in-lb
	Range for Equal Run & Tap	Min. Tap with Max. Run	
KS90	12 str. - 10 str.	16 str.	80
KS15**	10 str. - 8 str.	14 str.	
KS17*	8 str. - 6 sol.	14 str.	165
KS17-3*	8 str. - 6 sol.	16 str.	
KS20**	8 str. - 4 sol.	14 str.	
KS20-3*	8 str. - 4 sol.	14 str.	
KS22**	6 str. - 2 sol.	14 str.	
KS22-3*	6 str. - 2 sol.	14 str.	275
KS23**	6 - 2 str.	14 str.	
KS25**	4 - 1/0 str.	14 str.	385
KS26**	2 - 2/0 str.	14 str.	
KS27**	1 - 3/0 str.	8 sol.	500
KS29**	1 str. - 250 kcmil	8 str.	650
KS31**	1/0 str. - 350 kcmil	1/0 str.	
KS34**	2/0 str. - 500 kcmil	2/0 str.	825
KS39	4/0 str. - 750 kcmil	4/0 str.	1000
KS44	300 - 1000 kcmil	4/0 str.	1100

* Not UL Listed or CSA Certified.

** UL Rated for Direct Burial

▲ Listed torque values are for maximum conductor combinations accommodated.

Note: Consult UL486 tables 7-4, 7-5, 7-6 for smaller conductor combinations.

TYPE KSU

UNIVERSAL SERVIT®



Tin plated service connector with spacer bar for all combinations of copper, aluminum, ACSR, 6201, 5005, and steel.

Catalog Number	Run Copper & Aluminum	Run ACSR AAAC, 5005	Tap Copper & Aluminum	Tap ACSR* AAAC, 5005	Recommended Tightening Torque in-lb
KSU17	12 - 6 sol.	8 (6-1)	12 sol. - 6 sol.	8 (6-1)	165
KSU20	10 - 4 sol.	6 (6-1)	10 sol. - 4 sol.	6 (6-1)	
KSU22	10 - 2 sol.	6 (6-1) - 4 (7-1)	10 sol. - 2 sol.	6 (6-1) - 4 (7-1)	275
KSU23	8 - 2 str.	3 (6-1) - 2 (6-1)	8 sol. - 2 str.	3 (6-1) - 2 (6-1)	
KSU25	2 - 1/0 str.	3 (6-1) - 1 (6-1)	10 str. - 1/0 str.	6 (6-1) - 1 (6-1)	385
KSU26	2 - 2/0 str.	2 (6-1) - 1/0 (6-1)	8 str. - 2/0 str.	6 (6-1) - 1/0 (6-1)	
KSU27	1 - 3/0 str.	1 (6-1) - 2/0 (6-1)	8 sol. - 3/0 str.	6 (6-1) - 2/0 (6-1)	500
KSU29	1 str. - 250 kcmil	2/0 (6-1) - 1/0 (6-1)	8 str. - 250	6 (6-1) - 4/0 (6-1)	650
KSU31	4/0 str. - 350 kcmil	3/0 (6-1) - 4/0 (6-1)	4 str. - 350	4 (6-1) - 4/0 (6-1)	
KSU34	400 - 500 kcmil	336 (30-7) - 477 (18-1)	2 str. - 500	2 (6-1) - 477 (18-1)	825

* Accommodates compressed conductors within conductor ranges.

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 DURIMUM™ bolts in place during installation. Installed with ordinary wrench.

Catalog Number	Copper		Recommended ▲ Tightening Torque in-lb
	Run	Tap	
KVS26	2 - 2/0 str.	6 sol. - 2/0 str.	180
KVS28	1/0 - 4/0 str.	10 - 4/0 str.	250
KVS31	250 - 350 kcmil	10 str. - 350 kcmil	325
KVS34	400 - 500 kcmil	10 str. - 500 kcmil	375
KVS40	400 - 800 kcmil	3/0 str. - 800 kcmil	500
KVS44	500 - 1000 kcmil	3/0 str. - 1000 kcmil	

TYPE KVSU
Universal OKLIP™



Mechanical Connector for all combinations of Copper, Aluminum, ACSR, AAAC and 5005. Compact, high strength, tin plated copper alloy two-piece connector with spacer and tin-plated silicon bronze DURIMUM™ 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.

Catalog Number	Run		Tap		Rec. Tightening Torque in-lb
	Copper & Aluminum	ACSR, AAAC, & 5005	Copper & Aluminum	ACSR, AAAC, & 5005	
KVSU26	2 - 2/0 str.	3 - 2/0	6 - 2/0 str.	6 - 2/0	180
KVSU28	1/0 - 4/0 str.	1/0 - 4/0	6 - 4/0 str.	6 - 4/0	250
KVSU31	250 - 350 kcmil	4/0 - 300	6 str. - 350 kcmil	6 - 300	325
KVSU34	400 - 500 kcmil	336.4 - 397.5	4 str. - 500 kcmil	5 - 397.5	375
KVSU40	400 - 800 kcmil	4/0 - 800	4/0 str. - 800 kcmil	3/0 - 715.5	500
KVSU44	500 - 1000 kcmil	4/0 - 1000	4/0 str. - 1000 kcmil	4/0 - 900	

TYPE KSA
TRITAP™ SERVIT®
Tap Connector



An aluminum tin-plated universal tap connector for all combinations of aluminum to aluminum, aluminum to copper and copper to copper applications. UL486B Listed. 90° C rated.

Catalog Number	Run Min.	Run Max.	Tap Min.	Tap Max.	Recommended ▲ Tightening Torque in-lb
KSA6	10 sol.	6 str.	10 sol.	6 str.	165
KSA4	8 sol.	4 str.	10 sol.	4 str.	
KSA2	6 sol.	2 str.	8 str.	2 str.	275
KSA1/0	2 compact	1/0 str.	8 sol.	1/0 str.	385
KSA2/0	2 compact	2/0 str.	8 str.	2/0 str.	
KSA4/0	2 compact	4/0 str.	6 str.	4/0 str.	500
KSA350*	1/0 compact	350 kcmil	4 str.	350 kcmil	650
KSA500*	400 compact	500 kcmil	2 compact	500 kcmil	825

* Not CSA Listed.

▲ Listed torque values are for maximum conductor combinations accommodated.

TYPE SC
SERVIT® Cover



Range-taking, insulating cover for SERVIT® and equivalent split-bolt connectors.

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

TYPE QPX
VERSITAP™
Parallel Clamp



Parallel clamp for wide range of copper cable. Makes parallel tap, tees, crosses and end-to-end connections. Rounded edges for easy taping.

Catalog Number	Cable Range				Rec. Tightening Torque in-lb
	Run Min.	Run Max.	Tap Min.	Tap Max.	
QPX2C2C	6 str.	2 str.	6 str.	2 str.	150
QPX282C	1 str.	4/0 str.	6 str.	2 str.	250
QPX2828	1 str.	4/0 str.	1 str.	4/0 str.	
QPX342C	250 kcmil	500 kcmil	6 str.	2 str.	375
QPX3428	250 kcmil	500 kcmil	1 str.	4/0 str.	
QPX3434	250 kcmil	500 kcmil	250 kcmil	500 kcmil	
QPX442C	500 kcmil	1000 kcmil	6 str.	2 str.	500
QPX4428	500 kcmil	1000 kcmil	1 str.	4/0 str.	
QPX4434	500 kcmil	1000 kcmil	250 kcmil	500 kcmil	
QPX4444	500 kcmil	1000 kcmil	500 kcmil	1000 kcmil	

TYPE QPX-Y
Universal VERSITAP™
Parallel Clamp



Universal parallel clamp for copper and aluminum. Tin-plated. Makes parallel taps, tees, crosses or end-to-end connections.

Catalog Number	Conductor Range — Aluminum or Copper	
	Run	Tap
QPX2C2C-Y	6 - 2 str.	6 - 2 str.
QPX282C-Y	1 - 4/0 str.	6 - 2 str.
QPX2828-Y	1/0 - 4/0 str.	1/0 - 4/0 str.
QPX342C-Y	250 - 500 kcmil	6 - 2 str.
QPX3428-Y	250 - 500 kcmil	1/0 - 4/0 str.
QPX3434-Y	250 - 500 kcmil	250 - 500 kcmil
QPX4444-Y	750 - 1000 kcmil	750 - 1000 kcmil

TYPES KPA, KPA-UP**SCRULUG™ Terminal**

For Copper, Copperweld



Figure 1



Figure 2

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

Catalog Number Fig. 1	Catalog Number Fig. 2	Conductor Range
KPA8C	KPA8CUP*	14 sol. - 8 str.
KPA4C	KPA4CUP*	14 sol. - 4 str.
KPA25	—	4 str. - 1/0 str.
KPA28	—	1/0 - 4/0 str.
KPA34	—	4/0 str. - 500 kcmil

* For tin plating drop "UP" suffix and add "TP" suffix.

TYPE KLU**SCRULUG™ Terminal**

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.

Catalog Number	Conductor Range
KLU25	14 - 10 sol.
KLU35	14 sol. - 6 str.
KLU70	8 sol. - 2 str.
KLU125	2 - 1/0 str.
KLU175	4 - 3/0 str.
KLU225	2 - 4/0 str.
KLU300	1/0 str. - 350 kcmil
KLU400	1/0 str. - 500 kcmil

TYPE KA**KA-LUG™ Terminal**

For Copper, Cable

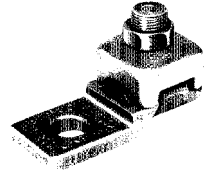


Compact, economical, high copper alloy terminal for joining a wide range of cable to equipment pads or terminal blocks.

Catalog Number	Conductor Range
KA8C	14 sol. - 8 str.
KA4C	14sol. - 4 str.
KA25*	4 - 1/0 str.
KA25-2TC38*	4 - 1/0 str.
KA28*	1 - 4/0 str.
KA34*	4/0 str. - 500 kcmil

* Not CSA Certified

TYPE QA
QIKLUG™ Terminal



Heavy-duty terminal for a wide range of copper cables. One-hole tongue.

Catalog Number	Conductor Range	Stud Size
QA8C-B	14 sol. - 8 str.	10
QA4C-B	8 - 4 str.	1/4
QA1C-B	4 - 1 str.	1/4
QA26-B	1/0 - 2/0 str.	3/8
QA28-B	3/0 - 4/0 str.	3/8
QA31-B	250 - 350 kcmil	1/2
QA34-B	400 - 500 kcmil	1/2
QA40-B	600 - 800 kcmil	5/8
QA44-B	850 - 1000 kcmil	5/8
QA46-B	1100 - 1500 kcmil	3/4

TYPES QA-2, QA-4
QIKLUG™ Terminal



Heavy-duty terminal for a wide range of copper cables. Two-hole and four-hole tongues.

Catalog Number	Conductor Range	Stud Hole Size	Stud Hole Centers
QA8C-2B	14 sol. - 8 str.	10	5/8
QA4C-2B	8 - 4 str.	1/4	5/8
QA1C-2B	4 - 1 str.	5/16	7/8
QA26-2B	1/0 - 2/0 str.	3/8	1
QA28-2B	3/0 - 4/0 str.	3/8	1
QA31-2B	250 - 350 kcmil	3/8	1
QA26-2N	1/0 - 2/0 str.	1/2	1-3/4
QA28-2N	3/0 - 4/0 str.	1/2	1-3/4
QA31-2N	250 - 350 kcmil	1/2	1-3/4
QA34-2B	400 - 500 kcmil	3/8	1
QA34-2N	400 - 500 kcmil	1/2	1-3/4
QA34-4B	400 - 500 kcmil	3/8	1
QA40-2N	600 - 800 kcmil	1/2	1-3/4
QA44-2N	850 - 1000 kcmil		
QA44-4N	850 - 1000 kcmil		
QA46-2N	1100 - 1500 kcmil		

TYPE QDA
QIKLUG™ Terminal



Heavy-duty terminal for a wide range of cable to equipment studs. One-hole tongue finished on both sides.

Catalog Number	Conductor Range	Stud Size
QDA8C	14 sol. - 8 str.	3/8
QDA4C	8 - 4 str.	3/8
QDA1C	4 - 1 str.	3/8
QDA26	1/0 - 2/0 str.	1/2
QDA28	3/0 - 4/0 str.	1/2
QDA31	250 - 500 kcmil	5/8
QDA34	400 - 500 kcmil	3/4
QDA40	600 - 800 kcmil	1

TYPES Q2A-2, Q2A-2N, Q2A-4N

QIKLUG™ Terminal



Heavy-duty terminal for a wide range of copper cable. Joins two cables to equipment pads or bars. Two hole and four hole tongue.

Catalog Number	Conductor Range	Stud Hole Size	Stud Hole Centers
Q2A1C-2	4 - 1 str.	3/8	1
Q2A26-2N	1/0 - 2/0 str.	1/2	1-3/4
Q2A28-2N	3/0 - 4/0 str.		
Q2A31-2N	250 - 350 kcmil		
Q2A34-2N	400 - 500 kcmil		
Q2A40-2N	600 - 800 kcmil		
Q2A28-4N	3/0 - 4/0 str.		
Q2A31-4N	250 - 350 kcmil		
Q2A34-4N	400 - 500 kcmil		
Q2A40-4N	600 - 800 kcmil		
Q2A44-4N	850 - 1000 kcmil		
Q2A46-4N	1100 - 1500 kcmil		

TYPES Q3A-2N, Q3A-4N

QIKLUG™ Terminal



Heavy-duty terminal for a wide range of copper cable. Joins three cables to equipment pads or bars.

Catalog Number	Conductor Range	Stud Hole Size	Stud Hole Centers
Q3A28-2N	3/0 - 4/0 str.	1/2	1-3/4
Q3A31-2N	250 - 350 kcmil		
Q3A34-2N	400 - 500 kcmil		
Q3A28-4N	3/0 - 4/0 str.		
Q3A31-4N	250 - 350 kcmil		
Q3A34-4N	400 - 500 kcmil		
Q3A40-4N	600 - 800 kcmil		
Q3A44-4N	850 - 1000 kcmil		
Q3A46-4N	1100 - 1500 kcmil		
Q3A48-4N	1600 - 2000 kcmil		

TYPE KPU-AC

POLYTAP™

Insulated Gutter Tap for All Copper and Aluminum Combinations



600 Volt Max. 90° C



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.

Catalog Number	Al or Cu Wire Range*		W	H	L	Rec. Tightening Torque in-lb
	Run	Tap				
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				

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.



Catalog Number	Conductor		W	H	L	▲ Rec. Tightening Torque in-lb
	Run	Tap				
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.
NOTE: Consult UL486 Tables 7-4, 7-5, and 7-6 for smaller combinations.

UNITAP™
Clear Insulated Multi-Tap Connectors
UL Listed for Code and Flex Conductor



No ferrules required even when used with flexible (fine stranded) conductor! UL Listed to the UL Wire Connector Standard UL486A-486B and CSA Certified. Color coordinated conductor port caps display the wire range and classes of conductor accepted; Screw port caps show the installation torque information for quick and easy reference during installation.



Figure 1
In-Line Splice Reducer



Figure 2
Tap - Opposite Side Entry



Figure 3
Tap - Same Side Entry



Figure 4
Multiple Port Tap
Single Sided Entry



Figure 5
Multiple Port Tap
Double Sided Entry



Figure 6
Multiple Port
Mounted Tap
Single Sided Entry



Figure 7
Multiple Port
Mounted Tap
Double Sided Entry

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Clear Insulated Multi-Tap Connectors

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Wire Range (AWG/kcmil)	# of Ports	Size (inches)			Hex Key	Catalog Number	Cap Color	Fig. #					
		L	W	H									
#14-#4 Class B & C #14-#6 Class G,H,I,K, DLO	2	1.08	1.50	1.25	1/8	BITO4FX	Brown	2					
	2	1.08	1.16	1.25	1/8	BIT4FX	Brown	3					
	3	1.51	1.16	1.25	1/8	BIBS43FX	Brown	4					
	4	1.95				BIBS44FX							
	5	2.39				BIBS45FX							
	6	2.83				BIBS46FX							
	8	3.71				BIBS48FX							
	2	1.08	1.50	1.25	1/8	BIBD42FX	Brown	5					
	3	1.51				BIBD43FX							
	4	1.95				BIBD44FX							
	5	2.39				BIBD45FX							
	6	2.83				BIBD46FX							
	8	3.71				BIBD48FX							
	#14-#2 Class B & C #14-#2 Class G,H,I,K, DLO	2				2.38			0.75	1.22	5/32	BISR2FX	Brown
	#14-1/0 Class B & C #14-#1 Class G,H,I,K, DLO	2	2.91	0.75	1.22	5/32	BISR10FX	Pink	1				
#14-2/0 Class B & C #14-#1 Class G,H,I,K, DLO	2	1.52	1.56	1.38	3/16	BITO20FX	Black	2					
	2	1.52	1.40	1.38	3/16	BIT20FX	Black	3					
	3	2.19	1.31	1.38	3/16	BIBS2/03FX	Black	4					
	4	2.86				BIBS2/04FX							
	5	3.53				BIBS2/05FX							
	6	4.20				BIBS2/06FX							
	8	5.55				BIBS2/08FX							
	10	6.89				BIBS2/010FX							
	12	8.24				BIBS2/012FX							
	14	9.58				BIBS2/014FX							
	2	1.52	1.56	1.38	3/16	BIBD2/02FX	Black	5					
	3	2.19				BIBD2/03FX							
	4	2.86				BIBD2/04FX							
	5	3.53				BIBD2/05FX							
	6	4.20				BIBD2/06FX							
	8	5.55				BIBD2/08FX							
	10	6.89				BIBD2/010FX							
	12	8.24				BIBD2/012FX							
	14	9.58				BIBD2/014FX							
	#14-2/0 Class B & C #14-#1 Class G,H,I,K, DLO	4				4.20			1.25	1.50	3/16	BIBS2/04FXMT	Black
6		5.55				BIBS2/06FXMT							
8		6.89				BIBS2/08FXMT							
10		8.24	BIBS2/010FXMT										
12		9.58	BIBS2/012FXMT										
4		4.20	1.56	1.50	3/16	BIBD2/04FXMT	Black	7					
8		6.89				BIBD2/08FXMT							
10		8.24				BIBD2/010FXMT							
12		9.58				BIBD2/012FXMT							

UNITAP™

Clear Insulated Multi-Tap Connectors

UL Listed for Code and Flex Conductor



Wire Range (AWG/kcmil)	# of Ports	Size (inches)			Hex Key	Catalog Number	Cap Color	Fig. #						
		L	W	H										
#10-250 Class B & C #10-3/0 Class G,H,I,K, DLO	2	2.03	2.64	2.13	5/16	BITO250FX	Yellow	2						
	2	2.03	2.07	2.13	5/16	BIT250FX	Yellow	3						
	2	4.01	1.19	2.10	5/16	BISR250FX	Yellow	1						
	3	2.97	2.07	2.13	5/16	BIBS2503FX	Yellow	4						
	4	3.91				BIBS2504FX								
	5	4.84				BIBS2505FX								
	6	5.78				BIBS2506FX								
	8	7.66				BIBS2508FX								
	10	9.53				BIBS25010FX								
	12	11.41				BIBS25012FX								
	14	13.29				BIBS25014FX								
	#10-250 Class B & C #10-3/0 Class G,H,I,K, DLO	2				2.03			2.64	2.13	5/16	BIBD2502FX	Yellow	5
3		2.97				BIBD2503FX								
4		3.91	BIBD2504FX											
5		4.84	BIBD2505FX											
6		5.78	BIBD2506FX											
8		7.66	BIBD2508FX											
10		9.53	BIBD25010FX											
12		11.41	BIBD25012FX											
14		13.29	BIBD25014FX											
4		5.78	1.95	2.63	5/16	BIBS2504FXMT	Yellow	6						
6		7.65				BIBS2506FXMT								
8		9.53				BIBS2508FXMT								
10		11.41				BIBS25010FXMT								
4		5.78	2.64	2.63	5/16	BIBD2504FXMT	Yellow	7						
		6				7.65			BIBS2506FXMT					
		8				9.53			BIBD2508FXMT					
		10				11.41			BIBD25010FXMT					
		12				13.29			BIBD25012FXMT					
	#10-350 Class B & C #10-250 Class G,H,I,K, DLO	2				2.22			3.00	2.50	5/16	BITO350FX	Red	2
		2				2.22			2.32	2.50	5/16	BIT350FX	Red	3
		2				4.63			1.34	2.35	5/16	BISR350FX	Red	1
3		3.13	2.32	2.50	5/16	BIBS3503FX	Red	4						
4		4.04				BIBS3504FX								
5		4.95				BIBS3505FX								
6		5.86				BIBS3506FX								
8		7.68				BIBS3508FX								
10		9.50				BIBS35010FX								
12		11.32				BIBS35012FX								
14	13.14	BIBS35014FX												

UNITAP™
Clear Insulated Multi-Tap Connectors
 UL Listed for Code and Flex Conductor



Wire Range (AWG/kcmil)	# of Ports	Size (inches)			Hex Key	Catalog Number	Cap Color	Fig#	
		L	W	H					
#10-350 Class B & C #10-250 Class G,H,I,K, DLO	2	3.13	3.00	2.50	5/16	BIBD3502FX	Red	5	
	3	4.04				BIBD3503FX			
	4	4.95				BIBD3504FX			
	5	5.86				BIBD3505FX			
	6	7.68				BIBD3506FX			
	8	9.50				BIBD3508FX			
	10	11.32				BIBD35010FX			
	12	13.14				BIBD35012FX			
	4	5.86	2.32	2.63	5/16	BIBS3504FXMT	Red	6	
	6	7.68				BIBS3506FXMT			
	8	9.50				BIBS3508FXMT			
	10	11.32				BIBS35010FXMT			
		4	5.86	3.00	2.63	5/16	BIBD3504FXMT	Red	7
		6	7.68				BIBD3506FXMT		
8		9.50	BIBD3508FXMT						
10		11.32	BIBD35010FXMT						
12		13.14	BIBD35012FXMT						
#6-500 Class B & C #6-373 Class G,H,I,K, DLO	2	5.00	1.62	2.62	3/8	BISR500FX	Brown	1	
#4-600 Class B & C #4-373 Class G,H,I,K, DLO	2	2.72	3.00	2.75	3/8	BITO600FX	Green	2	
	2	2.72	2.38	2.75	3/8	BIT600FX	Green	3	
	3	4.00	2.38	2.75	3/8	BIBS6003FX	Green	4	
	4	5.28				BIBS6004FX			
	5	6.56				BIBS6005FX			
	6	7.84				BIBS6006FX			
	8	10.41	2.38	2.75	3/8	BIBS6008FX	Green	4	
	10	12.97				BIBS60010FX			
	12	15.53				BIBS60012FX			
	14	18.09				BIBS60014FX			
		2	2.72	3.00	2.75	3/8	BIBD6002FX	Green	5
		3	4.00				BIBD6003FX		
		4	5.28				BIBD6004FX		
		5	6.56				BIBD6005FX		
		6	7.84				BIBD6006FX		
		8	10.41				BIBD6008FX		
		10	12.97				BIBD60010FX		
		12	15.53				BIBD60012FX		
14		18.09	BIBD60014FX						
		4	5.53				2.25		
	6	7.40	BIBS6006FXMT						
	8	9.28	BIBS6008FXMT						
	12	13.03	BIBS60012FXMT						

UNITAP™
Clear Insulated Multi-Tap Connectors
 UL Listed for Code and Flex Conductor



Wire Range (AWG/kcmil)	# of Ports	Size (inches)			Hex Key	Catalog Number	Cap Color	Fig. #
		L	W	H				
#4-600 Class B & C #4-373 Class G,H,I,K, DLO	4	5.53	3.00	2.88	3/8	BIBD6004FXMT	Green	7
	6	7.40				BIBD6006FXMT		
	8	9.28				BIBD6008FXMT		
	10	11.16				BIBD60010FXMT		
	12	13.03				BIBD60012FXMT		
#2-750 Class B & C #2-535 Class G,H,I,K, DLO	2	2.87	3.38	3.00	3/8	BIT0750FX ¹	Black	2
	2	2.87	2.70	3.00	3/8	BIT750FX ¹	Black	3
	3	4.00	2.70	3.00	3/8	BIBS7503FX ¹	Black	4
	4	5.38				BIBS7504FX ¹		
	6	8.13				BIBS7506FX ¹		
	8	10.88				BIBS7508FX ¹		
	10	13.63				BIBS75010FX ¹		
	12	16.38				BIBS75012FX ¹		
	14	19.13				BIBS75014FX ¹		
	2	2.87	3.38	3.00	3/8	BIBD7502FX ¹	Black	5
	3	4.25				BIBD7503FX ¹		
	4	5.63				BIBD7504FX ¹		
	6	8.37				BIBD7506FX ¹		
	8	11.13				BIBD7508FX ¹		
	10	13.87				BIBD75010FX ¹		
	12	16.63				BIBD75012FX ¹		
	14	19.37				BIBD75014FX ¹		

¹ Not UL Listed

UNITAP™ UL Listed for Code Conductor

2 Port, 1 or 2 Sided Entry

Catalog Number	Wire Range (AWG/kcmil)	L	W	H	Hex Key	Fig. #
BIT4	14 AWG-4 AWG	1.16	1.16	1.25	1/8	1
BITO4			1.50			2
BIT2/0	14 AWG-2/0 AWG	1.52	1.40	1.38	3/16	1
BITO2/0			1.56			2
BIT250	10 AWG-250 kcmil	2.03	2.07	2.13	5/16	1
BITO250			2.64			2
BIT350	10 AWG-350 kcmil	2.22	2.32	2.50	3/16	1
BITO350			3.00			2
BIT600	4 AWG-600 kcmil	2.72	2.38	2.75	3/16	1
BITO600			3.00			2
BIT750 *	2 AWG-750 kcmil	2.87	2.70	3.00	3/8	1
BITO750 *			3.38			2

^{*}Not UL Listed



Fig. 1



Fig. 2

In-Line Splice/Reducer

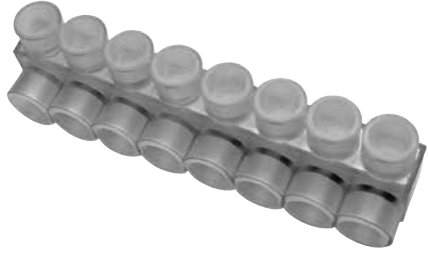
Catalog Number	Wire Range (AWG/kcmil)	L	W	H	Hex Key
BISR2	#14-2	2.38	0.75	1.22	5/32
BISR1/0	#14-1/0	2.91	0.91	1.38	3/16
BISR250	#10-250	4.01	1.19	2.10	5/16
BISR350	#10-350	4.63	1.34	2.35	5/16
BISR500	#6-500	5.00	1.62	2.62	3/8



In-Line Splice/Reducer

UNITAP™

Clear Insulated Multi-Tap Connectors



Tap connections are made quickly and easily. UL486B Listed, dual-rated for stranded copper or aluminum applications. Clear plastisol insulation; oxide inhibitor pre-installed.

MULTI-PORT Single-Sided Entry

Catalog Number	# of Ports	Wire Range (AWG/kcmil)	L	W	H	Hex Key
BIBS4-3	3	14 AWG-4 AWG	1.51	1.25	1.25	1/8
BIBS4-4	4	14 AWG-4 AWG	1.95	1.25	1.25	1/8
BIBS4-5	5	14 AWG-4 AWG	2.39	1.25	1.25	1/8
BIBS4-6	6	14 AWG-4 AWG	2.83	1.25	1.25	1/8
BIBS4-8	8	14 AWG-4 AWG	3.71	1.25	1.25	1/8
BIBS2/0-3	3	14 AWG-2/0 Str	2.19	1.31	1.38	3/16
BIBS2/0-4	4	14 AWG-2/0 Str	2.86	1.31	1.38	3/16
BIBS2/0-5	5	14 AWG-2/0 Str	3.53	1.31	1.38	3/16
BIBS2/0-6	6	14 AWG-2/0 Str	4.20	1.31	1.38	3/16
BIBS2/0-8	8	14 AWG-2/0 Str	5.55	1.31	1.38	3/16
BIBS2/0-10	10	14 AWG-2/0 Str	6.89	1.31	1.38	3/16
BIBS2/0-12	12	14 AWG-2/0 Str	8.24	1.31	1.38	3/16
BIBS2/0-14	14	14 AWG-2/0 Str	9.58	1.31	1.38	3/16
BIBS250-3	3	10 AWG-250 kcmil	2.97	2.07	2.13	5/16
BIBS250-4	4	10 AWG-250 kcmil	3.91	2.07	2.13	5/16
BIBS250-5	5	10 AWG-250 kcmil	4.84	2.07	2.13	5/16
BIBS250-6	6	10 AWG-250 kcmil	5.78	2.07	2.13	5/16
BIBS250-8	8	10 AWG-250 kcmil	7.66	2.07	2.13	5/16
BIBS250-10	10	10 AWG-250 kcmil	9.53	2.07	2.13	5/16
BIBS250-12	12	10 AWG-250 kcmil	11.41	2.07	2.13	5/16
BIBS250-14	14	10 AWG-250 kcmil	13.29	2.07	2.13	5/16
BIBS350-3	3	10 AWG-350 kcmil	3.13	2.32	2.50	5/16
BIBS350-4	4	10 AWG-350 kcmil	4.04	2.32	2.50	5/16
BIBS350-5	5	10 AWG-350 kcmil	4.95	2.32	2.50	5/16
BIBS350-6	6	10 AWG-350 kcmil	5.86	2.32	2.50	5/16
BIBS350-8	8	10 AWG-350 kcmil	7.68	2.32	2.50	5/16
BIBS350-10	10	10 AWG-350 kcmil	9.50	2.32	2.50	5/16
BIBS350-12	12	10 AWG-350 kcmil	11.32	2.32	2.50	5/16
BIBS350-14	14	10 AWG-350 kcmil	13.14	2.32	2.50	5/16
BIBS600-3	3	4 AWG-600 kcmil	4.00	2.38	2.75	3/8
BIBS600-4	4	4 AWG-600 kcmil	5.28	2.38	2.75	3/8
BIBS600-5	5	4 AWG-600 kcmil	6.56	2.38	2.75	3/8
BIBS600-6	6	4 AWG-600 kcmil	7.84	2.38	2.75	3/8
BIBS600-8	8	4 AWG-600 kcmil	10.41	2.38	2.75	3/8
BIBS600-10	10	4 AWG-600 kcmil	12.97	2.38	2.75	3/8
BIBS600-12	12	4 AWG-600 kcmil	15.53	2.38	2.75	3/8
BIBS600-14	14	4 AWG-600 kcmil	18.09	2.38	2.75	3/8

UNITAP™ Clear Insulated Multi-Tap Connectors



Tap connections are made quickly and easily. UL486B Listed, dual-rated for stranded copper or aluminum applications. Clear plastisol insulation; oxide inhibitor pre-installed.



MULTI-PORT Double-Sided Entry

Catalog Number	# of Ports	Wire Range (AWG/kcmil)	W	L	H	Hex Key
BIBD4-2	2	14 AWG-4 Str	1.50	1.08	1.25	1/8
BIBD4-3	3	14 AWG-4 Str	1.50	1.51	1.25	1/8
BIBD4-4	4	14 AWG-4 str	1.50	1.95	1.25	1/8
BIBD4-5	5	14 AWG-4 Str	1.50	2.39	1.25	1/8
BIBD4-6	6	14 AWG-4 Str	1.50	2.83	1.25	1/8
BIBD4-8	8	14 AWG-4 str	1.50	3.71	1.25	1/8
BIBD2/0-2	2	14 AWG-2/0 Str	1.56	1.52	1.38	3/16
BIBD2/0-3	3	14 AWG-2/0 Str	1.56	2.19	1.38	3/16
BIBD2/0-4	4	14 AWG-2/0 Str	1.56	2.86	1.38	3/16
BIBD2/0-5	5	14 AWG-2/0 Str	1.56	3.53	1.38	3/16
BIBD2/0-6	6	14 AWG-2/0 Str	1.56	4.20	1.38	3/16
BIBD2/0-8	8	14 AWG-2/0 Str	1.56	5.55	1.38	3/16
BIBD2/0-10	10	14 AWG-2/0 Str	1.56	6.89	1.38	3/16
BIBD2/0-12	12	14 AWG-2/0 Str	1.56	8.24	1.38	3/16
BIBD2/0-14	14	14 AWG-2/0 Str	1.56	9.58	1.38	3/16
BIBD250-2	2	10 AWG-250 kcmil	2.64	2.03	2.13	5/16
BIBD250-3	3	10 AWG-250 kcmil	2.64	2.97	2.13	5/16
BIBD250-4	4	10 AWG-250 kcmil	2.64	3.91	2.13	5/16
BIBD250-5	5	10 AWG-250 kcmil	2.64	4.84	2.13	5/16
BIBD250-6	6	10 AWG-250 kcmil	2.64	5.78	2.13	5/16
BIBD250-8	8	10 AWG-250 kcmil	2.64	7.66	2.13	5/16
BIBD250-10	10	10 AWG-250 kcmil	2.64	9.53	2.13	5/16
BIBD250-12	12	10 AWG-250 kcmil	2.64	11.41	2.13	5/16
BIBD250-14	14	10 AWG-250 kcmil	2.64	13.29	2.13	5/16
BIBD350-2	2	10 AWG-350 kcmil	3.00	2.22	2.50	5/16
BIBD350-3	3	10 AWG-350 kcmil	3.00	3.13	2.50	5/16
BIBD350-4	4	10 AWG-350 kcmil	3.00	4.04	2.50	5/16
BIBD350-5	5	10 AWG-350 kcmil	3.00	4.95	2.50	5/16
BIBD350-6	6	10 AWG-350 kcmil	3.00	5.86	2.50	5/16
BIBD350-8	8	10 AWG-350 kcmil	3.00	7.68	2.50	5/16
BIBD350-10	10	10 AWG-350 kcmil	3.00	9.50	2.50	5/16
BIBD350-12	12	10 AWG-350 kcmil	3.00	11.32	2.50	5/16
BIBD350-14	14	10 AWG-350 kcmil	3.00	13.14	2.50	5/16
BIBD600-2	2	4 AWG-600 kcmil	3.00	2.56	2.75	3/8
BIBD600-3	3	4 AWG-600 kcmil	3.00	3.77	2.75	3/8
BIBD600-4	4	4 AWG-600 kcmil	3.00	4.97	2.75	3/8
BIBD600-5	5	4 AWG-600 kcmil	3.00	6.17	2.75	3/8
BIBD600-6	6	4 AWG-600 kcmil	3.00	7.37	2.75	3/8
BIBD600-8	8	4 AWG-600 kcmil	3.00	9.78	2.75	3/8
BIBD600-10	10	4 AWG-600 kcmil	3.00	12.97	2.75	3/8
BIBD600-12	12	4 AWG-600 kcmil	3.00	15.53	2.75	3/8
BIBD600-14	14	4 AWG-600 kcmil	3.00	18.09	2.75	3/8

UNITAP™ Clear Insulated Multi-Tap Connectors with Mounting Holes



The BIBS-MT and BIBD-MT series UNITAP™ connectors offer the same multi-port capabilities as the standard UNITAP™ connectors. These -MT versions are provided with isolated mounting holes at either end for direct mounting to a trough, gutter or wireway. Accommodate up to 1/4" standard hardware.



MULTI-PORT Single-Sided Entry (BIBS) Double-Sided Entry (BIBD)

Catalog Number	# of Ports	Wire Range (AWG/kcmil)	L	W	H	Hex Key
BIBS2/04MT	4	14 AWG-2/0 Str	4.20	1.25	1.50	3/16
BIBS2/06MT	6	14 AWG-2/0 Str	5.54	1.25	1.50	3/16
BIBS2/08MT	8	14 AWG-2/0 Str	6.89	1.25	1.50	3/16
BIBS2/010MT	10	14 AWG-2/0 Str	8.23	1.25	1.50	3/16
BIBS2/012MT	12	14 AWG-2/0 Str	9.58	1.25	1.50	3/16
BIBS2504MT	4	10 AWG-250 kcmil	5.78	1.95	2.63	5/16
BIBS2506MT	6	10 AWG-250 kcmil	7.65	1.95	2.63	5/16
BIBS2508MT	8	10 AWG-250 kcmil	9.53	1.95	2.63	5/16
BIBS25010MT	10	10 AWG-250 kcmil	11.41	1.95	2.63	5/16
BIBS25012MT	12	10 AWG-250 kcmil	13.28	1.95	2.63	5/16
BIBS3504MT	4	10 AWG-350 kcmil	5.86	2.19	2.63	5/16
BIBS3506MT	6	10 AWG-350 kcmil	7.68	2.19	2.63	5/16
BIBS3508MT	8	10 AWG-350 kcmil	9.50	2.19	2.63	5/16
BIBS35010MT	10	10 AWG-350 kcmil	11.32	2.19	2.63	5/16
BIBS35012MT	12	10 AWG-350 kcmil	13.41	2.19	2.63	5/16
BIBS6004MT	4	4 AWG-600 kcmil	7.84	2.25	2.88	3/8
BIBS6006MT	6	4 AWG-600 kcmil	10.41	2.25	2.88	3/8
BIBS6008MT	8	4 AWG-600 kcmil	12.97	2.25	2.88	3/8
BIBS60010MT	10	4 AWG-600 kcmil	15.53	2.25	2.88	3/8
BIBS60012MT	12	4 AWG-600 kcmil	18.09	2.25	2.88	3/8
BIBD2/04MT	4	14 AWG-2/0 AWG	4.20	1.56	1.50	3/16
BIBD2/06MT	6	14 AWG-2/0 AWG	5.54	1.56	1.50	3/16
BIBD2/08MT	8	14 AWG-2/0 AWG	6.89	1.56	1.50	3/16
BIBD2/010MT	10	14 AWG-2/0 AWG	8.23	1.56	1.50	3/16
BIBD2/012MT	12	14 AWG-2/0 AWG	9.58	1.56	1.50	3/16
BIBD2504MT	4	10 AWG-250 kcmil	5.78	2.64	2.26	5/16
BIBD2506MT	6	10 AWG-250 kcmil	7.65	2.64	2.26	5/16
BIBD2508MT	8	10 AWG-250 kcmil	9.53	2.64	2.26	5/16
BIBD25010MT	10	10 AWG-250 kcmil	11.41	2.64	2.26	5/16
BIBD25012MT	12	10 AWG-250 kcmil	13.28	2.64	2.26	5/16
BIBD3504MT	4	10 AWG-350 kcmil	5.86	3.00	2.63	5/16
BIBD3506MT	6	10 AWG-350 kcmil	7.68	3.00	2.63	5/16
BIBD3508MT	8	10 AWG-350 kcmil	9.50	3.00	2.63	5/16
BIBD35010MT	10	10 AWG-350 kcmil	11.32	3.00	2.63	5/16
BIBD35012MT	12	10 AWG-350 kcmil	13.41	3.00	2.63	5/16
BIBD6004MT	4	4 AWG-600 kcmil	7.84	3.00	2.88	3/8
BIBD6006MT	6	4 AWG-600 kcmil	10.41	3.00	2.88	3/8
BIBD6008MT	8	4 AWG-600 kcmil	12.97	3.00	2.88	3/8
BIBD60010MT	10	4 AWG-600 kcmil	15.53	3.00	2.88	3/8
BIBD60012MT	12	4 AWG-600 kcmil	18.09	3.00	2.88	3/8

UNITAP™
Heavy Duty Series
UV Rated Black / Clear Insulated



Tap connections are made quickly and easily with the UNITAP™ line of connectors. UL486A-B Listed. Dual-rated for any stranded copper or stranded aluminum applications. UL Listed 600 Volts, -40° C to 135° C Operating Temperature.

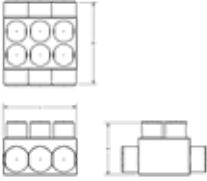


Figure 1

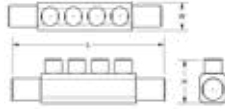


Figure 2

Catalog Number	Fig	Wire Range	Amp Rating	# Ports	L	W	H	Hex Key
UV Rated Black Taps								
1PLD7502HD	1	#2 AWG - 750 kcmil Class B, C	475	2	2.63	4.83	3.00	3/8"
1PLD7503HD				3	4.00			
1PLD7504HD				4	5.38			
1PLD7505HD				5	6.75			
1PLD7506HD				6	8.13			
1PLD7508HD				8	10.88			
1PLD75010HD				10	13.63			
1PLD75012HD				12	16.38			
UV Rated Black Splice Reducer								
1PBS750HD	2	#2 AWG - 750 kcmil Class B, C	535	—	10.53	1.88	3.01	3/8"
Clear Taps								
BIBD7502HD	1	#2 AWG - 750 kcmil Class B, C	475	2	2.63	4.83	3.00	3/8"
BIBD7503HD				3	4.00			
BIBD7504HD				4	5.38			
BIBD7505HD				5	6.75			
BIBD7506HD				6	8.13			
BIBD7508HD				8	10.88			
BIBD75010HD				10	13.63			
BIBD75012HD				12	16.38			
Clear Splice Reducer								
BISR750HD	2	#2 AWG - 750 kcmil Class B, C	535	—	10.53	1.88	3.01	3/8"

UV RATED BLACK UNITAP™

- 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.



1PL=2 Port Single Sided Entry (Fig. 3), 1PLO=2 Port Offset Entry (Fig. 4)				
Catalog Number	Fig	# of Ports	Wire Range	Hex Key Torque (in lbs)
1PL42	3	2	14 - 4	1/8 (45)
1PLO42	4		14 - 4	1/8 (45)
1PL2/02	3		14 - 2/0	3/16 (120)
1PLO2/02	4		14 - 2/0	3/16 (120)
1PL2502	3		10 - 250	5/16 (275)
1PLO2502	4		10 - 250	5/16 (275)
1PL3502	3		10 - 350	5/16 (275)
1PL6002	3		4 - 600	3/8 (375)
1PLO6002	4		4 - 600	3/8 (375)

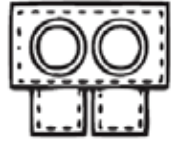


Fig. 3

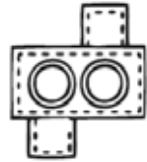


Fig. 4

1PBS=In-line Splice/Reducer (Fig. 1)				
Catalog Number	Fig	# of Ports	Wire Range	Hex Key Torque (in lbs)
1PBS2	1	2	14 - 2	5/32 (45)
1PBS1/0			14 - 1/0	3/16 (120)
1PBS250			10 - 250	5/16 (120)
1PBS350			10 - 350	5/16 (275)
1PBS500			6 - 500	3/8 (375)



Fig. 1

1PL=Multi-Port Single Sided Entry (Fig. 5)				
Catalog Number	Fig	# of Ports	Wire Range	Hex Key Torque (in lbs)
1PL43	5	3	14 - 4	1/8 (45)
1PL44		4	14 - 4	1/8 (45)
1PL2/03		3	14 - 2/0	3/16 (120)
1PL2503		3	10 - 250	5/16 (275)

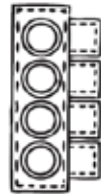


Fig. 5

1PLD=Multi-Port Double Sided Entry (Fig. 2)				
Catalog Number	Fig	# of Ports	Wire Range	Hex Key Torque (in lbs)
1PLD43	2	3	14 - 4	1/8 (45)
1PLD44		4		
1PLD2/02		2	14 - 2/0	3/16 (120)
1PLD2/03		3		
1PLD2/04		4		
1PLD2/06		6		
1PLD2502		2	10 - 250	5/16 (275)
1PLD2503		3		
1PLD2504		4		
1PLD2506		6		
1PLD3502	2	2	10 - 350	5/16 (375)
1PLD3503		3		
1PLD3504		4		
1PLD3506		6		
1PLD3508		8	4 - 600	3/8 (375)
1PLD6002		2		
1PLD6003		3		
1PLD6004		4		
1PLD6005	5			
1PLD6006	6			
1PLD6008	8			

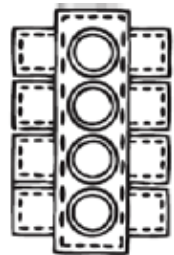


Fig. 2

TYPE KA-U
Universal Terminal
 (1 Conductor)
 For Aluminum and Copper Conductors



Figure 1



Figure 2

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

Catalog Number	Conductor Range	Figure Number	Recommended Tightening Torque in-lb ▲
KA6U	14 - 6 str.	1	45
KA2U	14 - 2 str.	1	50
KA25U	14 - 1/0 str.	1	50
KA26U	6 - 2/0 str.	2	120
KA29U	6 str. - 250 kcmil	2	275
KA30U	6 str. - 300 kcmil	2	275
KA31U	6 str. - 350 kcmil	2	275
KA34U	4 str. - 500 kcmil	2	500
KA36U	2 str. - 600 kcmil	2	500
KA40U	300 - 800 kcmil	2	550
KA44U	500 - 1000 kcmil	2	550

▲ Listed torque values are for maximum conductor combinations accommodated.

TYPES K2A-U
Universal Terminal
 (2 Conductors)
 For Aluminum and Copper Conductors



Figure 1



Figure 3



Figure 2

Compact, wide-range, tin-plated aluminum terminal for use with two copper or aluminum cables.

Catalog Number	Conductor Range	Stud Hole Size	Stud Hole Spacing	Fig. No.	Recommended Tightening Torque in-lb ▲
K2A25U	Two: 14 - 1/0 str.	1/4	—	1	50
K2A26U	Two: 14 - 2/0 str.	1/4	—	2	120
K2A29U	Two: 6 str. - 250 kcmil	3/8	—	2	275
K2A31U	Two: 4 str. - 350 kcmil	1/2	—	2	275
K2A36U	Two: 2 str. - 600 kcmil	1/2	—	2	375
K2A40U	Two: 300 - 800 kcmil	5/8	—	2	550
K2A44U	Two: 500 - 1000 kcmil	5/8	—	2	550
K2A31U-2N*	Two: 6 str. - 350 kcmil	1/2	1-3/4	3	275
K2A36U-2N*	Two: 2 str. - 600 kcmil	1/2	1-3/4	3	375
K2A40U-2N*	Two: 300 - 800 kcmil	1/2	1-3/4	3	375
K2A44U-2N*	Two: 500 - 1000 kcmil	1/2	1-3/4	3	375

* Tongue holes drilled per NEMA standards.

▲ Listed torque values are for maximum conductor size accommodated.

TYPES K3A-U, KK3A-U

Universal Terminal

(3 Conductors)

For Aluminum and Copper Conductors



Figure 1



Figure 2

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

Catalog Number	Conductor Range	Stud Hole Size	Fig. No.	Rec. Tightening Torque in-lb ▲
K3A2U-2*	Three: 14 - 2 str.	5/16	1	50
K3A25U-2*	Three: 14 - 1/0 str.	3/8	1	50
K3A26U-2N	Three: 14 - 2/0 str.	1/2	1	50
K3A27U-2N	Three: 6 - 3/0 str.	1/2	1	275
K3A29U-2N	Three: 6 str. - 250 kcmil	1/2	1	275
K3A31U-2N	Three: 6 str. - 350 kcmil	1/2	1	275
K3A36U-2N	Three: 2 str. - 600 kcmil	1/2	1	375
KK3A36U-2N	Three: 2 str. - 600 kcmil	1/2	2	375
KK3A40U-2N	Three: 300 - 800 kcmil	1/2	2	375
KK3A44U-2N	Three: 500 - 1000 kcmil	1/2	2	375

* Slotted screw.

"N" indicates NEMA Standard holes.

▲ Listed torque values are for maximum conductor size accommodated.

TYPE K4A-U

Universal Terminal

(4 Conductors)

For Aluminum and Copper Conductors



Figure 1



Figure 2

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

Catalog Number	Conductor Range.	Stud Hole Size	Fig. No.	Rec. Tightening Torque in-lb ▲
K4A29U-4N	Four: 6 str. - 250 kcmil	1/2	1	275
K4A31U-4N	Four: 6 str. - 350 kcmil	1/2	1	275
KK4A36U-4N	Four: 2 str. - 600 kcmil	1/2	2	375
KK4A40U-4N	Four: 300 - 800 kcmil	1/2	2	375

"N" indicates NEMA Standard holes.

▲ Listed torque values are for maximum conductor size accommodated.

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.

Catalog Number	Conductor Range	Hex Size
BGBL-4	14 - 4 str.	Slot
BGBL-1/0	14 - 1/0 str.	Slot
BGBL-250	6 str. - 250 kcmil	7/32

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. **CL501DBKIT1** also available, packaged with lug and stainless steel hardware (slotted machine screw, external tooth lockwasher, and hex nut).

Catalog Number	Conductor Range Copper	Stud Hole
CL50-1	14 - 4 AWG	10
CL50-1TN*	14 - 4 AWG	10
CL501TNBULK*	14 - 4 AWG	10
CL1/0-14TN	14 - 1/0 AWG	1/4"
CL3/0-516TN	6 - 3/0 AWG	5/16"
CL250-516TN	6 AWG - 250 kcmil	5/16"

NOTES:

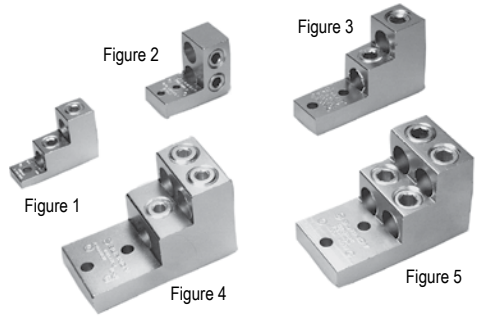
CL50-1 UL467 for direct burial.
CL50-1TN & CL50-1TNBULK Listed to both UL2703 for Solar Applications and UL467 for direct burial.
CL3/0-516TN and CL250-516TN UL486A-B and CSA Certified.
CL1/0-14TN UL Listed for Grounding and CSA Certified.

TYPE K11A-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.



Catalog Number	Conductor Range	Stud Hole Size	Fig. No.	Rec. Tightening Torque in-lb ▲
K11A30U*	Two: 6 str. - 300 kcmil	5/16	1	375
K11A34U-2	Two: 4/0 str. - 500 kcmil	1/4	2	
K11A36U-2	Two: 2 str. - 600 kcmil	3/8	3	
K21A36U-2	Three: 2 str. - 600 kcmil	3/8	4	
K22A36U-2	Four: 2 str. - 600 kcmil	3/8	5	
K11A39U-2	Two: 1/0 str. - 750 kcmil	3/8	3	
K22A39U-2	Four: 1/0 str. - 750 kcmil	3/8	5	

▲ Listed torque values are for maximum conductor size accommodated.

TYPE KAU-KIT
Transformer Lug Kit



Each kit contains the UL Listed and CSA certified AL/CU rated aluminum set screw 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.



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

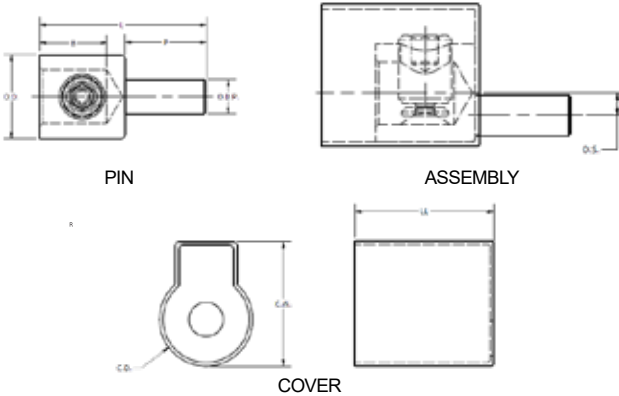
TYPE KAP / KAPO

Mechanical Pin Adaptors

For Copper and Aluminum



The KAP / KAPO series of mechanical pin adaptors are AL9CU dual rated for both copper and aluminum conductor. ULListed to UL486A-B and rated for use with Flex (fine stranded) conductor. Only 3 pin sizes required to accommodate a wire range of #6 AWG to 777.7 DLO. Plasticsol insulated covers are provided with each connector; covers are molded to fit around set screws protruding from connector. Off-centered pin (KAPO style) available to reduce center-to-center distance between adjacent pins. For compression style, see our AYP / AYPO Series.



Catalog Number	Wire Range (Class: B, C, H, I, K, DLO)	Pin Dimensions					
		O.D.	B (Strip Length)	L	P	O.D.P.	Pin Size Equiv.
KAP1/0	#6 - 1/0 AWG	1.00	.97	2.01	.84	.29	2 AWG
KAPO1/0		[25]	[25]	[51]	[21]	[7]	
KAP350	1/0 - 350 kcmil	1.38	1.11	2.75	1.34	.57	250 kcmil
KAPO350		[35]	[43]	[70]	[34]	[14]	
KAP750	350 - 750 kcmil	1.75	2.30	4.46	1.76	.81	500 kcmil
KAPO750		[44]	[58]	[113]	[45]	[21]	

Catalog Number	Cover Dimensions			Assembly Dim.	Installation Torque (in-lbs)	Hex Key	Amp Rating
	C.D.	C.W.	LL	O.S.			
KAP1/0	1.12 [28]	1.43 [36]	1.92 [49]	.56 / [14]	100	1/4"	170
KAPO1/0				.27 / [7]			
KAP350	1.50 [38]	2.00 [51]	2.22 [56]	.75 / [19]	450	3/8"	350
KAPO350				.31 / [8]			
KAP750	1.87 [48]	2.37 [60]	3.51 [89]	.94 / [24]	500	1/2"	535
KAPO750				.38 / [10]			

For compression styles:

Please see the YE-P and YE-P-FX Series HYPLUG™ connectors for copper only

or the AYP / AYPO Series HYPLUG™ for aluminum and copper conductor.

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. PENETROX™ oxide inhibiting joint compounds are recommended for all aluminum applications.

Catalog Number	Wire Range	
	Min.	Max.
AMS-2*	14 AWG	2 AWG
AMS-0*	14 AWG	1/0 AWG
AMS-4/0	6 AWG	4/0 AWG
AMS-250	6 AWG	250 kcmil
AMS-350	6 AWG	350 kcmil
AMS-500	3/0 AWG	500 kcmil
AMS-750	250 kcmil	750 kcmil
AMS-1000	500 kcmil	1000 kcmil

* Slotted Screws

TYPE UGSKIT
Watertight/Underground Splice Kit

For all Aluminum or
 Copper/Aluminum Combinations

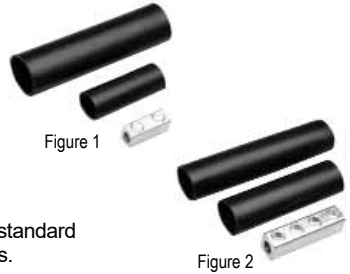


Figure 1

Figure 2

Type UGS Watertight Underground Splice Kit consists of a standard AMS splicer/reducer and two heavy wall heat-shrink sleeves.

Catalog Number	Fig. No.	Conductor Range	
		Min.	Max.
UGSKIT2*	1	8 AWG	2 AWG
UGSKIT250*	2	1 AWG	250 kcmil

* UL486D Listed for Direct Burial.

TYPE UGSKIT8
UF Direct Burial Splice Kit

For all Aluminum or
 Copper/Aluminum Combinations



Type UGS UF Splice Kit consists of a UF splice connector and a heavy wall heatshrink sleeve.

Catalog Number	Conductor Range Copper
UGSKIT8*	14 - 8 AWG

* UL486D Listed for Direct Burial.

UNITAP™
THE MOLE™ Direct Burial
 In-Line Splice/Reducer



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

Catalog Number	Number of Ports	Wire Range (AWG/kcmil)	L	W	H	Hex Key
BISR4-DB	2	#6 AWG-#4 AWG	4.30	0.68	1.39	1/8
BISR1-DB	2	#2 AWG-#1 AWG	6.30	0.88	1.75	5/32
BISR3/0-DB	2	1/0 -3/0 AWG	6.25	0.99	1.96	3/16
BISR250-DB	2	4/0 AWG-250 kcmil	6.70	1.18	2.17	5/16

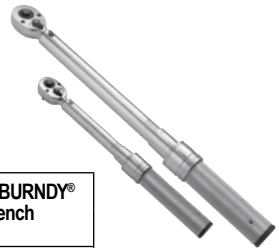
UNITAP™
Direct Burial Connectors
 Dual Rated Multiple Tap



Rubberinsulated, dualrated multi-tap connectors. No taping or heat shrink required. Supplied with aluminum set-screws, covered in high quality EPDM rubber. Supplied with oxide inhibitor pre-installed. Submersible rated, suitable for direct burial, UL Listed, CSA Certified. For use in wet or damp locations.

Catalog Number	# of Ports	Wire Range (AWG/kcmil)	L	W	H
BIBS3502DB	2	12 AWG-350 kcmil	2.61	4.06	2.46
BIBS3503DB	3	12 AWG-350 kcmil	3.82	4.06	2.46
BIBS3504DB	4	12 AWG-350 kcmil	5.03	4.06	2.46
BIBS3505DB	5	12 AWG-350 kcmil	6.24	4.06	2.46
BIBS3506DB	6	12 AWG-350 kcmil	7.45	4.06	2.46
BIBS5003DB	3	10 AWG-500 kcmil	4.31	4.58	3.13
BIBS5004DB	4	10 AWG-500 kcmil	5.69	4.58	3.13
BIBS5005DB	5	10 AWG-500 kcmil	7.06	4.58	3.13
BIBS5006DB	6	10 AWG-500 kcmil	8.44	4.58	3.13

Torque Wrenches make sure you've got it torqued right!



Recommended Torque Values for Direct Burial UNITAP™		Recommended BURNDY® Torque Wrench
Conductor Size	Recommended Torque Range	
#12 - #6 AWG	125 - 150 in-lbs	BTW30150
#4 - 3/0 AWG	180 - 240 in-lbs	BTW150750
4/0 - 350 AWG	275 - 450 in-lbs	BTW150750
400 - 1000 AWG	475 - 550 in-lbs	BTW150750

TYPE BIPC
INSULTAP™ Insulated
Piercing Connectors
 UL Listed 90°C



The INSULTAP™, Type BIPC, BURNDY® Insulation Piercing Connector is ideally suited for splicing and tapping aluminum and copper conductor wire sizes: 10 AWG to 500 kcmil.

Catalog Number	Conductor Range		Bolt Size	Socket Size	Recom. Torque	Max. Volt Rating
	Run	Tap				
BIPC1/0-2	8 - 1/0 AWG	8 - 2 AWG	5/16-18	1/2	180 in-lb	600V
BIPC4/0-6	1/0 - 4/0 AWG	6 - 1/0 AWG	5/16-18	1/2	250 in-lb	300V
BIPC4/0-1/0	1/0 - 4/0 AWG	1/0 - 4/0 AWG	5/16-18	1/2	250 in-lb	300V
BIPC350-4/0	4/0 - 350 AWG	10 - 4/0 AWG	3/8-16	9/16	375 in-lb	300V
BIPC350-350	4/0 - 350 AWG	4/0 - 350 AWG	3/8-16	9/16	300 in-lb	300V
BIPC500-4/0	350 - 500 kcmil	4 - 4/0 AWG	3/8-16	9/16	400 in-lb	600V

VERSIPOLE™
Configurable Power
Distribution Blocks
 for Copper and Aluminum



Figure 1

Open Style

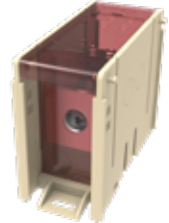


Figure 2

Finger-Safe Style comes with covers & end plates



Figure 3

Finger-Safe Kits include only covers & end plates

The VERSIPOLE™ Configurable Series Power Distribution Blocks are used for splicing and distributing power from primary run(s) to secondary/branch circuits. They are offered in standard one, two, or three pole configurations. Each configuration is available in either an “Open” or “Finger-Safe” style. The configurable series can also be designed to accommodate an infinite number of made-to-order combinations. UL Listed 1953 Finger-Safe IEC 60527; IP-20 Rating.

Ordering Information and Footnotes:

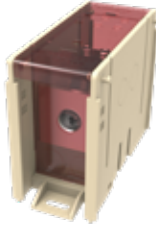
Finger-Safe Kits include translucent top cover and end plates only. Order 1 kit per pole. The kits are used in conjunction with Open style distribution blocks. (Distribution blocks are not included.)

† To achieve Finger-Safe style Adder, order Open style Adder and Finger-Safe Kit.

Optional Hinged Covers are available for use with Open style blocks and are ordered 1 cover per pole.

Optional Hinged Covers:	
Catalog Number	Size
BDBSCCOVER	Small
BDBMCOVER	Medium
BDBLCCOVER	Large

VERSIPOLE™
continued

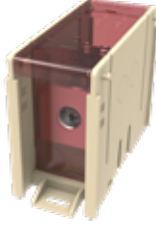


Small Series:								
Catalog Number			# of Conductors		Wire Range		# of Poles	Amp Rating per Pole
Open Fig. 1	Finger-Safe Fig. 2	FS Kit Fig. 3	Run	Tap	Run	Tap		
BDBSCS1C1	Add FS to Open	Add FSKIT to 1 Pole Open #	1	4	#14 - 2/0	#14 - #4	1	175
BDBSCS1C2	Add FS to Open						2	175
BDBSCS1C3	Add FS to Open						3	175
BDBSCS1CA	†						Adder	175
BDBSCS1P1	Add FS to Open	Add FSKIT to 1 Pole Open #	1	1	#14 - 2/0	#14 - 2/0	1	175
BDBSCS1P2	Add FS to Open						2	175
BDBSCS1P3	Add FS to Open						3	175
BDBSCS1PA	†						Adder	175

Medium Series:								
Catalog Number			# of Conductors		Wire Range		# of Poles	Amp Rating per Pole
Open Fig. 1	Finger-Safe Fig. 2	FS Kit Fig. 3	Run	Tap	Run	Tap		
BDBMCS1F1	Add FS to Open	Add FSKIT to 1 Pole Open #	1	6	#14 - 2/0	#14 - #2	1	175
BDBMCS1F2	Add FS to Open						2	175
BDBMCS1F3	Add FS to Open						3	175
BDBMCS1FA	†						Adder	175
BDBMCS3U1	Add FS to Open	Add FSKIT to 1 Pole Open #	1	1	#6 - 350	#6 - 350	1	310
BDBMCS3U2	Add FS to Open						2	310
BDBMCS3U3	Add FS to Open						3	310
BDBMCS3UA	†						Adder	310
BDBMCS2F1	Add FS to Open	Add FSKIT to 1 Pole Open #	2	6	#14 - 2/0	#14 - #2	1	350
BDBMCS2F2	Add FS to Open						2	350
BDBMCS2F3	Add FS to Open						3	350
BDBMCS2FA	†						Adder	350
BDBMCS2N1	Add FS to Open	Add FSKIT to 1 Pole Open #	2	2	#14 - 2/0	#14 - 2/0	1	350
BDBMCS2N2	Add FS to Open						2	350
BDBMCS2N3	Add FS to Open						3	350
BDBMCS2NA	†						Adder	350
BDBMCS5F1	Add FS to Open	Add FSKIT to 1 Pole Open #	1	6	#4 - 500	#14 - #2	1	380
BDBMCS5F2	Add FS to Open						2	380
BDBMCS5F3	Add FS to Open						3	380
BDBMCS5FA	†						Adder	380
BDBMCS5M1	Add FS to Open	Add FSKIT to 1 Pole Open #	1	4	#4 - 500	#14 - 2/0	1	380
BDBMCS5M2	Add FS to Open						2	380
BDBMCS5M3	Add FS to Open						3	380
BDBMCS5MA	†						Adder	380

VERSIPOLE™

continued



Large Series:			# of Conductors		Wire Range		# of Poles	Amp Rating per Pole
Open Fig. 1	Finger-Safe Fig. 2	FS Kit Fig. 3	Run	Tap	Run	Tap		
BDBLCS3A1	Add FS to Open	Add FSKIT to 1 Pole Open #	1	12	#6 - 350	#14 - #4	1	310
BDBLCS3A2	Add FS to Open						2	310
BDBLCS3A3	Add FS to Open						3	310
BDBLCS3AA	†						Adder	310
BDBLCS3K1	Add FS to Open	Add FSKIT to 1 Pole Open #	1	6	#6 - 350	#14 - 2/0	1	310
BDBLCS3K2	Add FS to Open						2	310
BDBLCS3K3	Add FS to Open						3	310
BDBLCS3KA	†						Adder	310
BDBLCS5K1	Add FS to Open	Add FSKIT to 1 Pole Open #	1	6	#4 - 500	#14 - 2/0	1	380
BDBLCS5K2	Add FS to Open						2	380
BDBLCS5K3	Add FS to Open						3	380
BDBLCS5KA	†						Adder	380
BDBLCS5W1	Add FS to Open	Add FSKIT to 1 Pole Open #	1	1	#4 - 500	#4 - 500	1	380
BDBLCS5W2	Add FS to Open						2	380
BDBLCS5W3	Add FS to Open						3	380
BDBLCS5WA	†						Adder	380
BDBLCS4K1	Add FS to Open	Add FSKIT to 1 Pole Open #	2	6	#6 - 350	#14 - 2/0	1	620
BDBLCS4K2	Add FS to Open						2	620
BDBLCS4K3	Add FS to Open						3	620
BDBLCS4KA	†						Adder	620
BDBLCS4T1	Add FS to Open	Add FSKIT to 1 Pole Open #	2	2	#6 - 350	#6 - 350	1	620
BDBLCS4T2	Add FS to Open						2	620
BDBLCS4T3	Add FS to Open						3	620
BDBLCS4TA	†						Adder	620
BDBLCS6A1	Add FS to Open	Add FSKIT to 1 Pole Open #	2	12	#4 - 500	#14 - #4	1	760
BDBLCS6A2	Add FS to Open						2	760
BDBLCS6A3	Add FS to Open						3	760
BDBLCS6AA	†						Adder	760
BDBLCS6K1	Add FS to Open	Add FSKIT to 1 Pole Open #	2	6	#4 - 500	#14 - 2/0	1	760
BDBLCS6K2	Add FS to Open						2	760
BDBLCS6K3	Add FS to Open						3	760
BDBLCS6KA	†						Adder	760
BDBLCS6R1	Add FS to Open	Add FSKIT to 1 Pole Open #	2	4	#4 - 500	#6 - 4/0	1	760
BDBLCS6R2	Add FS to Open						2	760
BDBLCS6R3	Add FS to Open						3	760
BDBLCS6RA	†						Adder	760
BDBLCS6V1	Add FS to Open	Add FSKIT to 1 Pole Open #	2	2	#4 - 500	#4 - 500	1	760
BDBLCS6V2	Add FS to Open						2	760
BDBLCS6V3	Add FS to Open						3	760
BDBLCS6VA	†						Adder	760

VERSIPOLE™
Double-Wide, Box-to-Stud, and Stud-to-Stud Styles



These VERSIPOLE™ Styles offer additional splicing and tapping options over the standard Open and Finger-Safe Styles.



Double-Wide

Double-Wide Series:							
Catalog Number	# of Conductors		Wire Range		# of Poles	Amp Rating per Pole	SCCR ¹
	Run	Tap	Run	Tap			
BDBLCS7X1DW	5	5	#4 - 500	#4 - 500	1	1720	100kA
BDBLCS7R1DW	5	8	#4 - 500	#6 - 4/0	1	1456	100kA
BDBLCS7K1DW	5	12	#4 - 500	#14 - 2/0	1	1170	100kA
BDBLCS7A1DW	5	24	#4 - 500	#14 - #4	1	1026	100kA

¹ Short-Circuit Current Rating with proper fusing



Box-to-Stud



Stud-to-Stud

Box-to-Stud and Stud-to-Stud Series:							
Catalog Number	# of Conductors		Wire Range		# of Poles	Amp Rating per Pole	SCCR ¹
	Run	Tap	Run	Tap			
BDBSCS1S1S1	1/4" Ø stud	1/4" Ø stud	—	—	1	175	100kA
BDBMCS3S3S1	3/8" Ø stud	3/8" Ø stud	—	—	1	350	100kA
BDBMCS3SM1	3/8" Ø stud	4	—	#14 - 2/0	1	350	100kA
BDBMCS3SF1	3/8" Ø stud	6	—	#14 - #2	1	350	100kA
BDBLCS5S5S1	1/2" Ø stud	1/2" Ø stud	—	—	1	620	100kA
BDBLCS5SK1	1/2" Ø stud	6	—	#14 - 2/0	1	380	100kA
BDBLCS5SA1	1/2" Ø stud	12	—	#14 - #4	1	310	100kA

¹ Short-Circuit Current Rating with proper fusing

TYPES PENETROX™ A, A-13 and E 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 film, 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.

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 connections plus aluminum conduit threads. It is compatible with rubber, polyethylene and other insulating materials. UL Listed for all voltages.



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™ with brush lid

All types of PENETROX™ are available in an 8 oz. bottle with a brush lid for ease of application.



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 connections. It is compatible with rubber. Designed for use with High Temperature ACSS and ACCC connectors. Not UL Listed.



PENETROX™ A, A-13 and E



TECHNICAL INFORMATION

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 five (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™ Type		
		HT	E & A13	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 (Min.)	The temperature at which the grease passes from the semi-solid to a liquid state under test conditions.	>580°	350°F	230°F
Pour Point (Max.)	The lowest temperature at which the compound will flow. Pour point is the lubricant's ability to perform in cold conditions.	-58°F	-40°F	-15°F

* MSDS sheets available through Customer Service or on the website.

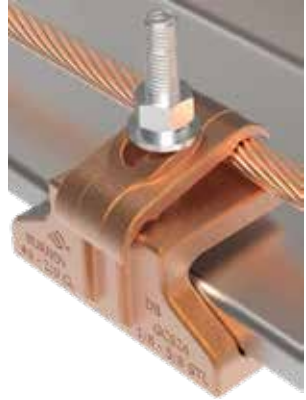
Ordering Information:

Catalog Number / PENETROX™ Type				Container Type	Size
A	A-13	E	HT		
PENA1/2	—	—	—	Tube	1/2 Oz.
PENA-4	PENA13-4	PENE-4	PENHT-4	Squeeze Bottle	4 Oz.
P8A	PENA13-8	PENE-8	PENHT-8		8 Oz.
PENA8BLB	PENA138BLB	PENE8BLB	PENHT8BLB	Bottle with Brush Lid	8 Oz.
PENACARTRIDGE	PENA13CARTRIDGE	—	PENHT1LB	Cartridge	1 Lb.*
PENA-QT	PENA13QT	PENE-QT	—	Plastic Tub	1 Qt.
PENA-GAL	PENA13-GAL	PENE-GAL	PENHTGAL	Can	1 Gal.
PENA-5GAL	PENA13-5GAL	PENE-5GAL	—	Pail	5 Gal.
PENA-55GAL	PENA13-55GAL	PENE-55GAL	—	Drum	55 Gal.

* 1 Lb. Cartridge will fit standard caulking guns.

TYPE GCS

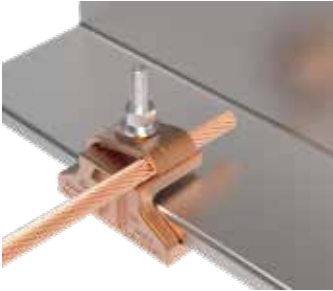
The CONSTRUCTOR™
Ground Connector to Steel



The GCS26 connector is used to ground cable to steel in applications where drilling is either not possible or undesired. Installation of the GCS26 requires no power tools and is suitable for all applications — particularly where power equipment of any kind is not allowed. The CONSTRUCTOR™ GCS series of ground connectors are cULus Listed for Grounding and Bonding along with Direct Burial rating into earth and concrete.

Features & Benefits

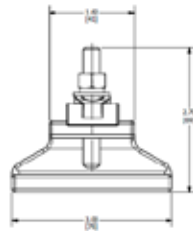
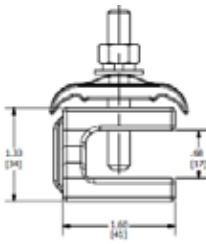
- cULus for Grounding and Bonding; Direct Burial rated for installation into earth and concrete
- Accepts beam thickness: .125 - .625" (1/8 to 5/8")
- Conductor range from #6 to 2/0
- Versatile; allows parallel or perpendicular conductor orientation
- Stainless steel hardware
- 5/32" Allen cup point screw penetrates coatings on steel
- No special tooling required
- Applicable for use in "extremely volatile environments"



Perpendicular Configuration



Parallel Configuration



Catalog Number	Accommodates		Installation Torque	Hardware Size
	Copper Conductor Size	Beam Thickness		
GCS26	#6 to 2/0	1/8" to 5/8" (.125" to .625")	180 in-lb on hex nut; 100 in-lb on Allen screw	1/2" hex nut; 5/32" Allen key
GCS26TN				

TYPE BDT**BONDIT® Intersystem Bonding Connector**

House Mounted or
Meter Socket Mounted



Designed to meet the requirements of 2017 NEC Article 250.94 “Bonding for Communication 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.

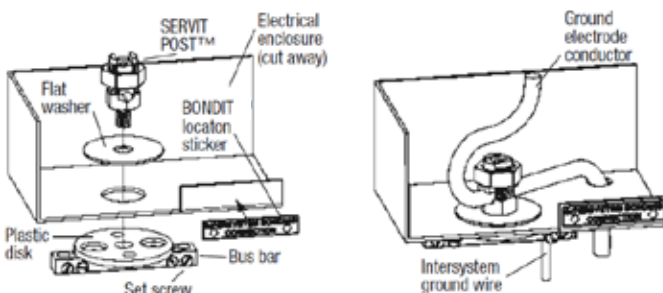
Catalog Number: BDT1

Features and Benefits

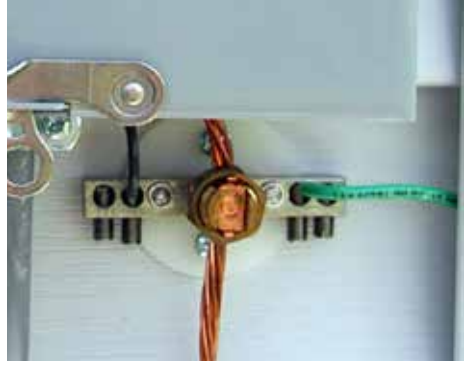
- Meets Intersystem Bonding Requirements: NEC2017 250.94.
- One connector does it all.
- House mount or meter socket mount.
- Incorporates proven BURNDY® SERVIT POST™ design.
- Stainless steel set screws.
- Accepts main ground wire (#2-#8), up to 4 intersystem wires (#6-#14).
- Easily mounts to meter 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.

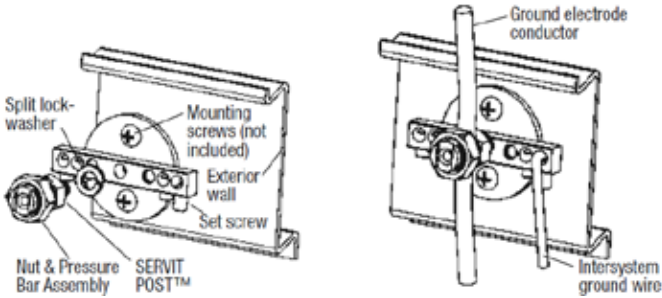


TYPE BDT
BONDIT® Intersystem
Bonding Connector
(Continued)



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. Tighting 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.



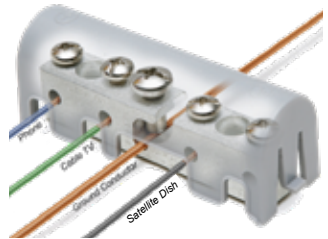
BONDIT® - Wall Mounted
 Intersystem Bonding Connector



NEC 250.94 refers to a requirement in the 2017 National Electrical Code. With this code, all ground wires from separate systems (such as telephone systems, CATV, and radio systems) must be tied together at one location to the Ground Electrode Conductor (GEC). The BONDIT® Wall Mount (Catalog #BDTIBB) is a great solution when the GEC is exposed and not in conduit.

Features & Benefits

- Meets the Intersystem Bonding requirements of NEC 2017 250.94
- Provides an easy to access grounding point for utilities such as telecom and cable
- Easy to install
- UL Listed and CSA Certified
- Tin-plated connector body provides long-lasting corrosion resistance
- Stainless steel set screws
- Accepts main ground wire (#2 to #6), up to (4) intersystem wires (#4 to #14)
- Supplied with durable cover, easily secured over connector body
- Approved for use with solid or stranded conductors



Catalog Number	Conductor Range		Reference Dimensions			
	Lay-In Section	Conductor Ports	L	W	H	M
BDTIBB	#6 - #2 AWG	#14 - #4 AWG	3.99 [101]	0.71 [18]	0.91 [23]	2.46 [62]

BWB680 SERIES
BURNDY® Pool Water
Bonding Kit



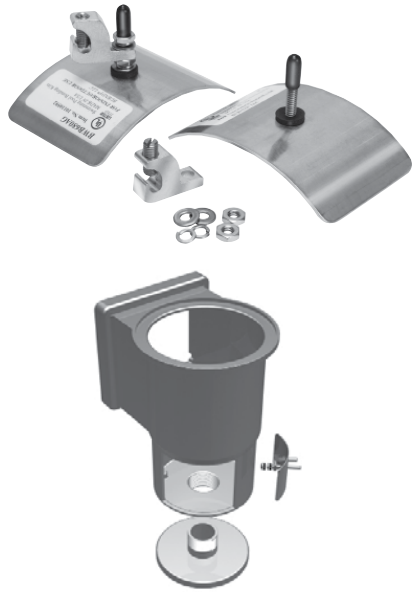
NEC 2016 680.26(C) states: "Where none of the bonded parts is in direct connection with the pool water, the pool water shall be in direct contact with an approved corrosion-resistant conductive surface that exposes not less than 5800mm² (9 in²) of surface area to the pool water at all times. The conductive surface shall be located where it is not exposed to physical damage or dislodgement during usual pool activities, and it shall be bonded in accordance with 680.26(B)."

In order to comply with this requirement BURNDY® is pleased to introduce the BWB680 Series. Made of non-corrosive stainless steel, the BURNDY® water bonding kit maintains constant contact with pool water to ensure that the pool is effectively bonded at all times.

BURNDY® BWB680 Series is one of the few and the most user friendly, products on the market that complies with this code. Other products that are currently available are placed in the plumbing, which is not always in contact with the water and therefore does not meet the code. Since the BWB680 is placed in the skimmer, it is always in contact with the water.

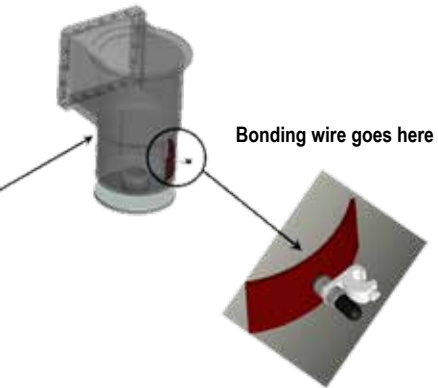
Some of the features of this product include:

- Easy installation
- Mounting hardware included
- UL Listed
- Placed out of the way on the side wall of the skimmer, below the basket



Catalog Number	Pool Type
BWB680IG	In-Ground
BWB680AG	Above Ground

Included in the BURNDY® BWB680 Series Bonding Kit: One bonding plate, (1) rubber sealing washer, (2) flat washers, (2) lock washers, (2) nuts and (1) BURNDY® CL501-TN



A pool skimmer acts as a water filter at the top of a pool. Because pool water is continuously flowing through the skimmer drain, installing the BURNDY® Pool Water Bonding Kit inside the skimmer is ideal for complying with NEC 2016 680.26(C).

TYPE GRL
Ground Rod Clamp



UL467 Listed. Acceptable for direct burial.

Catalog Number	Rod Size	Conductor Range	
		Min.	Max.
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

* Item not UL Listed.

TYPE GRC
Bronze Ground Rod Clamps



High copper alloy ground connector for joining a range of cable to rod. UL467 Listed. Acceptable for direct burial. GRCT1/0 is range taking.

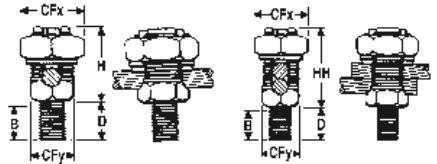
Catalog Number	Ground Rod	Conductor Range
GRC12	1/2	10 sol.-2 str.
GRC58	5/8	10 sol.-1 str.
GRC34	3/4	8 sol.-1/0 str.
GRCT1/0	1/2, 5/8, or 3/4	8 sol. - 1/0 str.

TYPES KC, K2C

SERVIT® POST™
For Copper Cable to Flat



SERVIT® POST™ used to ground one or two cables to steel structures, fence posts, and transformers. Also used to tap one or two cables from bus bar. One-wrench installation.



Catalog Number		Conductor		Stud Dia.	B	CFx	CFy	D	H	HH
Type KC*	Type K2C†	Str.	Sol.							
KC15	K2C15	12 - 9	12 - 8	1/4-20"	3/8"	1/2"	3/8"	1/2"	5/8"	7/8"
KC15B1	K2C15B1				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"					
KC20	K2C20	10 - 5	10 - 4	5/16-18"	13/32"	11/16"	1/2"	5/8"	7/8"	1"
KC20B1	K2C20B1				27/32"					
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"					
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"					
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"					
KC26	K2C26	2 - 1/0	2 - 3/0	1/2"-13"	17/32"	1"	7/8"	3/4"	1-3/8"	1-7/8"
KC26B1	K2C26B1				1-1/16"					
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"					
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"					
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 conductor † = 2 conductors

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	Conductor Range		Recommended Screw Torque		
	Water/Gas Pipe	Ground	Hub Size	Pipe Clamp	Wire Clamp
C-11JPT	1/2-1	10 - 6 sol.	1/2	50 in-lb	50 in-lb
C-22JPT	1-1/4-2				
C-4JPT	2-1/2-4				

CAST BRONZE GROUND CLAMPS



For connecting grounding conductor to water/gas 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	Conductor Range		Recommended Screw Torque		
	Water/Gas Pipe	Rebar	Ground	Pipe Clamp	Wire Clamp
C-11N	1/2 - 1	—	10 - 2 str.	50 in-lb	50 in-lb
C-11D	1/2 - 1	4 - 6			
C-11B	1/2 - 1	—			
C-22	1-1/4 - 2				
C-22D	1-1/4 - 2				
C-4	2-1/2 - 4				
C-8	4-1/2 - 6				
C-5	1/2 - 1				

Add "TN" suffix for tin plated version

DIE CAST CLAMPS



Die cast zinc with zinc plated screws.

Catalog Number	Conductor Range		Recommended Screw Torque	
	Water/Gas Pipe	Ground	Pipe Clamp	Wire Clamp
CZ-11	1/2 - 1	10 - 2 str.	50 in-lb	50 in-lb

CAST BRONZE CLAMPS



To connect armored cable to water/gas pipe. Zinc plated screws. Pressure bar grips armor or outer cable insulation. 360° swing hub for easy alignment.

Catalog Number	Conductor Range		Recommended Screw Torque	
	Water/Gas Pipe	Conductor	Pipe Clamp	Wire Clamp
C-11JA	1/2 - 1	10 - 6 sol.	50 in-lb	50 in-lb
C-22JA	1-1/4 - 2	10 - 6 sol.		
C-4JA	2-1/2 - 2	10 - 2 sol.		

CAST BRONZE CLAMPS



For connecting armored cable to water/gas pipe. Zinc plated screws. "D" indicates UL467 for direct burial in earth and concrete, supplied with silicon bronze hardware.

Catalog Number	Conductor Range		Recommended Screw Torque		
	Water/Gas Pipe	Conductor	Ground Clamp	Pipe Clamp	Wire Clamp
C-6	1/2 - 1	10 - 2 str.	Bare Armored Unarmored Wire Cables or Cords	50 in-lb	50 in-lb
C-6D	1-1/4 - 2	10 - 2 str.			
C-7	1-1/4 - 2	10 - 2 str.			

CAST BRONZE CLAMPS

For Rigid Conduit



For grounding rigid conduit systems. Zinc plated screws.

Catalog Number	Conductor Range		Recommended Screw Torque		
	Water/Gas Pipe	Ground	Hub Size	Pipe Clamp	Wire Clamp
C-61	1/2 - 1	6 sol. Max	1/2	50 in-lb	50 in-lb
C-66	1-1/4 - 2				

CAST BRONZE GROUND CLAMPS



For connecting grounding conductor, EMT or rigid conduit to water/gas 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	Conductor Range			Tap	Reference Dimensions			Rec. Screw Torque
	Main		Ground Rod		Ground	H	L	
	Water/Gas Pipe	Rebar		Ground				
C11HD4/0DB	1/2" - 1"	4 - 6 AWG	3/8" - 1"	8 - 4/0 AWG	2.25	2.65	1.65	50 in-lb
C22HD4/0DB	1-1/4" - 2"	—	—		2.70	3.60	1.56	

CAST BRONZE GROUND CLAMPS

With Lay-In Feature



For connecting grounding conductor to water/gas 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.

Catalog Number	Fig. No.	Conductor Range				Reference Dimensions			Rec. Screw Torque	
		Main		Ground Rod	Tap	Ground	H	L		W
		Water Pipe	Rebar							
C11K16D	1	1/2" - 1"	4 - 6	3/8" - 1"	10 - 2 str.	1.64	2.28	0.66	50 in-lb	
C11K17D	2									

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.



Catalog Number	Conductor Range		Recommended Screw Torque		
	Water/Gas Pipe	Ground	Hub Size	Pipe Clamp	Wire Clamp
C-11LH-1	1/2 - 1	10 str. - 6 sol.	1/2"	50 in-lb	50 in-lb
C-22LH-1	1-1/4 - 2				
C-4LH-1	2-1/2 - 4				
C-11LH-2	1/2 - 1	10 - 2/0 str.	3/4"		
C-22LH-2	1-1/4 - 2				
C-4LH-2	2-1/2 - 4				
C-11LH-3	1/2 - 1	10 - 3/0 str.	1"		
C-22LH-3	1-1/4 - 2				
C-4LH-3	2-1/2 - 4				

TYPE GC-A
Dual Rated Ground Clamp



Ground clamps are UL Listed for use with either copper or aluminum conductors to copper water/gas pipe, galvanized pipe or steel conduit. All clamps are constructed from tin-plated high strength extruded aluminum alloy. PENETROX™ oxide inhibiting compounds are recommended for all aluminum.



Catalog Number	Catalog, Pipe or Water Tube Size	Ground Wire Range	Screw Type
GC15A	1/2"-3/4"-1"	14 - 1/0 AWG	Slotted
GC18A	1-1/4"-1-1/2"-2"	6 str. - 250 kcmil	Hex Socket
GC22A	2-1/2"-3"-3"-1/2"-4"		

BURNDY® is The Grounding Superstore™.

The only major U.S. manufacturer to offer 3 types of grounding:

- *Compression Grounding (HYGROUND®)*
- *Mechanical Grounding*
- *Exothermic Grounding (BURNDYWeld®)*



TYPE GAR
Ground Connector

For Copper Cable to Rod



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 DURIMUM™ U-bolts, nuts and lockwashers, permit entire connection to be buried in ground or concrete without danger of corrosion.



Catalog Number	Ground Rod		Conductor Range
	IPS	Rod	
GAR114C	1/4	1/2	8 sol. - 4 str.
GAR1126	1/4	1/2	4 sol. - 2/0 str.
GAR1129	1/4	1/2	2/0 sol. - 250 kcmil
GAR644C	3/8	5/8 - 3/4	8 sol. - 4 str.
GAR6426	3/8	5/8 - 3/4	4 sol. - 2/0 str.
GAR6429	3/8	5/8 - 3/4	2/0 sol. - 250 kcmil
GAR6434	3/8	5/8 - 3/4	300 - 500 kcmil
GAR144C	1/2 - 3/4	7/8 - 1	8 sol. - 4 str.
GAR1426	1/2 - 3/4	7/8 - 1	4 sol. - 2/0 str.
GAR1429	1/2 - 3/4	7/8 - 1	2/0 sol. - 250 kcmil
GAR1434	1/2 - 3/4	7/8 - 1	300 - 500 kcmil
GAR154C	1	1-1/8 - 1-1/4	8 sol. - 4 str.
GAR1526	1	1-1/8 - 1-1/4	4 sol. - 2/0 str.
GAR1529	1	1-1/8 - 1-1/4	2/0 sol. - 250 kcmil
GAR1534	1	1-1/8 - 1-1/4	300 - 500 kcmil
GAR164C	1-1/4	1-3/8 - 1-1/2	8 sol. - 4 str.
GAR1626	1-1/4	1-3/8 - 1-1/2	4 sol. - 2/0 str.
GAR1629	1-1/4	1-3/8 - 1-1/2	2/0 sol. - 250 kcmil
GAR1634	1-1/4	1-3/8 - 1-1/2	300 - 500 kcmil
GAR174C	1-1/2	1-5/8 - 1-7/8	8 sol. - 4 str.
GAR1726	1-1/2	1-5/8 - 1-7/8	4 sol. - 2/0 str.
GAR1729	1-1/2	1-5/8 - 1-7/8	2/0 sol. - 250 kcmil
GAR1734	1-1/2	1-5/8 - 1-7/8	300 - 500 kcmil
GAR184C	2	2 - 2-3/8	8 sol. - 4 str.
GAR1826	2	2 - 2-3/8	4 sol. - 2/0 str.
GAR1829	2	2 - 2-3/8	2/0 sol. - 250 kcmil
GAR1834	2	2-1/2 - 2-7/8	300 - 500 kcmil
GAR194C	2-1/2	2-1/2 - 2-7/8	8 sol. - 4 str.
GAR1926	2-1/2	2-1/2 - 2-7/8	4 sol. - 2/0 str.
GAR1929	2-1/2	2-1/2 - 2-7/8	2/0 sol. - 250 kcmil
GAR1934	2-1/2	2-1/2 - 2-7/8	300 - 500 kcmil
GAR204C	3	3 - 3-1/2	8 sol. - 4 str.
GAR2026	3	3 - 3-1/2	4 sol. - 2/0 str.
GAR2029	3	3 - 3-1/2	2/0 sol. - 250 kcmil
GAR2034	3	3 - 3-1/2	300 - 500 kcmil
GAR214C	3-1/2	3-1/2 - 4	8 sol. - 4 str.
GAR2126	3-1/2	3-1/2 - 4	4 sol. - 2/0 str.
GAR2129	3-1/2	3-1/2 - 4	2/0 sol. - 250 kcmil
GAR2134	3-1/2	3-1/2 - 4	300 - 500 kcmil
GAR224C	4	4 - 4-1/2	8 sol. - 4 str.
GAR2226	4	4 - 4-1/2	4 sol. - 2/0 str.
GAR2229	4	4 - 4-1/2	2/0 sol. - 250 kcmil



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.

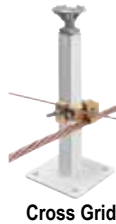
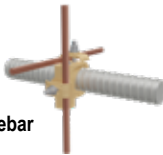
Catalog Number	Number of Conductors	Conductor	Pedestal Type	
			Round or Square	
GRF4C-3	1 or 2	8 - 2 AWG	Up to 1"	Up to 7/8"
GRF4C-4			Up to 3/4"	Up to 5/8"

TYPE GXP1828RF
SUPER-CLAMP™
Raised Floor / Rebar Ground Connector

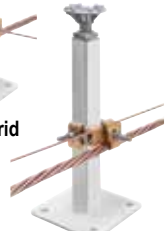


Raised Floor Pedestal Ground Connector, the GXP1828RF is a versatile, easy to install, range-taking grounding connector. UL Listed for the US and Canadian markets (cULus). This connector is capable of connection to rebar, cross grid or parallel configurations.

Rebar



Cross Grid



Parallel

Catalog Number	Copper Conductor Range (Concentric & Compact Stranded 19 Str. Max)	Pedestal Range	Rebar
GXP1828RF	6 AWG - 4/0 AWG	Round: 7/8" - 2" Square: 3/4" - 1-1/2"	Rebar Size: 7/8" - 1-1/2" (#7 - #12)

TYPES GP-G1, GP-RT
Raised Floor Grounding Clamps



High copper alloy ground connector for raised floor computer grounding applications. UL467 Listed.



TYPE GP-G1



GP1726RT

Catalog Number	Number of Conductors	Conductor	Pedestal Type
			Round or Square
GP654CG1	1 or 2	8 sol. - 4 str.	3/4" - 1" Round 3/4" - 7/8" Square
GP64526G1		4 sol. - 2/0 str.	
GP64528G1		4 sol. - 4/0 str.	
GP1526G1		4 sol. - 2/0 str.	1-1/4" Round
GP1726RT*		6 sol. - 2/0 str.	2" Round
GP1726G1		6 sol. - 2/0 str.	

* Special paint-penetrating feature—consult factory for details.

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/gas 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 ground of one pipe or 90° cable run for grounding several parallel pipes. Single wrench installation. UL467 Listed and CSA Certified.

Catalog Number	Cable Range	IPS Size	O.D. Range	H	J	W	Rec. Tightening Torque
GAR3902-BU	4 - 4/0 AWG	1/2" - 1"	.840-1.32	3.50	3/8	3.25	240 in-lb
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		1/2" - 1"	.840-1.32	3.50		3.25	
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 GX Ground Connector for Copper Cables



High copper alloy ground connector for cross connecting a wide range of cable. UL467 Listed. Acceptable for direct burial.

Catalog Number	Conductor	
	Groove A	Groove B
GX4C4C	8 sol. - 4 str.	8 sol. - 4 str.
GX264C	4 sol. - 2/0 str.	8 sol. - 4 str.
GX2626		4 sol. - 2/0 str.
GX294C	2/0 sol. - 250 kcmil	8 sol. - 4 str.
GX2926		4 sol. - 2/0 str.
GX2929		2/0 sol. - 250
GX344C		8 sol. - 4 str.
GX3426	300 - 500 kcmil	4 sol. - 2/0 str.
GX3429		2/0 sol. - 250
GX3434		300-500 kcmil

TYPES GB, GBM

Ground Connector

For Copper Cable to Bar



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 DURIMUM™ bolts, nuts, and lockwashers make the GB and GBM suitable for direct burial in concrete or ground.



Type GB



Type GBM

Catalog Number		Cable	H Type GB / GBL	H Type GBM	J	W Type GB/ GBL	W Type GBM	Rec. Torque
Type GB	Type GBM							
GB4C	GBM4C	8 AWG-4 AWG	1-1/2	1-1/2	3/8	1-1/4	1-1/4	240
GB26	GBM26	4 AWG-2/0 AWG	2	1-1/2	3/8	1-1/2	1-1/2	240
GBL30 ①	—	4 AWG-300 kcmil	2	—	1/2	1-7/8	—	480
GB29	GBM29	2/0 AWG-250 kcmil	2	2	1/2	2	2	480
GB34	GBM34	300 kcmil-500 kcmil	3	2-1/4	1/2	2-3/8	2-3/8	480

① GBL30 is not UL Listed

TYPES GC, GCM

Ground Connector

For Two Copper Cables to Bar



High copper alloy ground connectors for joining a range of two parallel cables to 1/4 thick bar.



TYPE GC



TYPE GCM

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"	1-1/2"	3/8"	1-3/4"	1-3/8"
GCL30 ①	—	4 sol. - 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"

① GCL30 is not UL Listed

Add "GS" suffix for galvanized steel hardware.

TYPE GL

Ground Connector

For Two Copper Cables to Bar



High copper alloy ground connectors for joining a wide range of two parallel cables to 1/4 thick bar.

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"	3/8"	1-3/4"
GL2929	2/0 sol. - 250	2-1/4"	1/2"	2-1/4"
GL3434	300 - 500 kcmil	2-7/8"	1/2"	2-7/8"

TYPE GZ

Ground Connector

For Copper Cable to Bar



High copper alloy ground connectors for joining a wide range of cable to 1/4 thick bar.

Catalog Number	Conductor	H	J	W
GZ4C-38	8 - 4 str.	1-1/2"	3/8"	1-1/8"
GZ4C-12	8 - 4 str.	1-7/8"	1/2"	1-3/4"
GZ4C-58	8 - 4 str.	2"	5/8"	1-3/4"
GZ26-38	3 - 2/0 str.	2"	3/8"	1-5/8"
GZ26-12	3 - 2/0 str.	2-1/8"	1/2"	1-3/4"
GZ26-58	3 - 2/0 str.	2-1/4"	5/8"	1-3/4"
GZ29-38	3/0 str. - 250 kcmil	2-1/4"	3/8"	2-1/4"
GZ29-12	3/0 str. - 250 kcmil	2-3/8"	1/2"	2-1/4"
GZ29-58	3/0 str. - 250 kcmil	2-1/2"	5/8"	2-1/4"

TYPE GC-CT

Cabletray Ground Connector



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.

Catalog Number	Accommodates Cu or Al Conductor in Either Groove	B	CF	H	J	W
GC2525CT	6 sol. - 1/0 str.	1.12	.56	1.95	3/8 - 16	1.45
GC2626CT	2 sol. - 2/0 str.	1.12	.56	1.95	3/8 - 16	1.70
GC2929CT	2/0 str. - 250 kcmil	1.12	.56	2.20	3/8 - 16	1.98

TYPES KC-J, EQC632C

Transformer Ground Connectors

For Copper



TYPE KC22J12T13



TYPE EQC632C

Fits all standard EEl NEMA distribution transformers as a tank grounding terminal. Contact factory for additional offerings.

Catalog Number	Ranges
KC22J12T13	8 - 2 sol.
KC34J12T13	3/0 str. - 500 kcmil
EQC632C	8 sol. - 2 str.

TYPE GKA

For Copper



UL467 Listed for direct burial application in earth or concrete. Supplied with stainless steel headless screw, the GKA25SB and GKA28SB have silicon bronze hardware.

Catalog Number	Cable Range	B	C	H	J	K	L
GKA8C*	10 - 8 AWG	.31	.38	.58	#12-24 (slot)	.21	.81
GKA4C*	14 - 4 AWG	.46	.54	.71	5/16-24 (slot)	.28	1.13
GKA25	4 - 1/0 AWG	.69	.75	.94	1/2-20 (hex)	.42	1.69
GKA28	1 - 4/0 AWG	.81	.94	1.25	5/8-18 (hex)	.42	1.94
GKA25SB	4 - 1/0 AWG	.69	.75	.94	1/2-20 (hex)	.42	1.69
GKA28SB	1 - 4/0 AWG	.81	.94	1.25	5/8-18 (hex)	.42	1.94

*GKA8C, GKA4C are cULus Listed

TYPE FFG

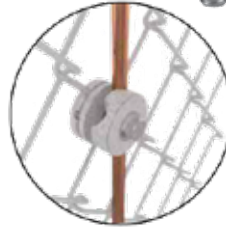
Fence Fabric Ground Clamps



Unique design allows the clamp to form a connection at virtually any angle. Perfect for connection to both fence fabric and barbed wire. Tin plated copper clamp with stainless steel hardware (included) allows for use on most metallic surfaces including galvanized steel.



Catalog Number	Conductor Size	Recommended Torque (in-lb)
FFGC8	#8	67
FFGC6	#6	67
FFGC4	#4	67
FFGC2	#2	67
FFGC2/0	2/0	67



TYPE CL50-1

Copper Lay-In QIKLUG™

For Copper



Manufactured from high strength pure electrolytic copper for 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. **CL501DBKIT1** also available, packaged with lug and stainless steel hardware (slotted machine screw, external tooth lockwasher, and hex nut).

Catalog Number	Conductor Range Copper	Stud Hole
CL50-1	14 - 4 AWG	10
CL50-1TN*	14 - 4 AWG	10
CL501TNBULK*	14 - 4 AWG	10
CL1/0-14TN	14 - 1/0 AWG	1/4"
CL3/0-516TN	6 - 3/0 AWG	5/16"
CL250-516TN	6 AWG - 250 kcmil	5/16"

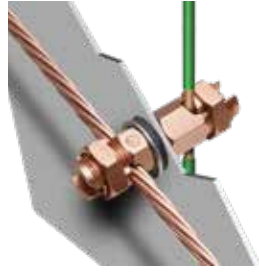
NOTES:

CL50-1 UL467 for direct burial; *CL50-1TN & CL50-1TNBULK Listed to both UL2703 for Solar Applications and UL467 for direct burial; CL3/0-516TN and CL250-516TN UL486A-B and CSA Certified; CL1/0-14TN UL Listed for Grounding and CSA Certified.

TYPE KCKF
Bulkhead Ground Connector



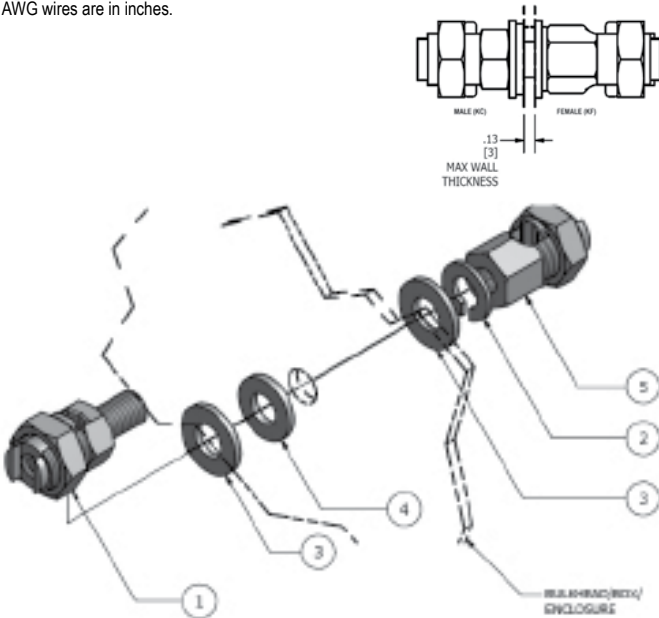
Designed to allow a ground wire to be connected from the inside of a box or enclosure to the outside of a box/enclosure. Supplied in kit form with a male SERVIT POST™, female SERVIT®, (2) stainless steel washers, split lock washer and sealing washer. The available "Application Guideline" document helps describe the application with visuals and installation examples.



Catalog Number	ACCOMMODATES		NUT TORQUE IN-LBS [N-M]	MAX. THRU HOLE
	AWG			
	STRANDED	SOLID		
KCKF23	#8 (.146) - #2 (.292)	#10 (.102) - #1 (.289)	275 [31.1]	7/16
KCKF25	#2 (.292) - 1/0 (.373)	#2 (.258) - 2/0 (.365)	385 [43.5]	9/16
KCKF28	#1 (.332) - 4/0 (.528)	#1 (.289) - 4/0 (.460)	500 [56.5]	11/16

Notes:

Dimensions in () are cable diameters.
Diameters of AWG wires are in inches.



Qty	Description
1	Male SERVIT POST™
2	Stainless Steel Split Lock Washer*
3	Stainless Steel Flat Washer*
4	Sealing Washer*
5	Female SERVIT®

*One flat washer and sealing washer to be installed on outside of box or, where applicable, to side of wall exposed to atmospheric or contaminated conditions. Remaining hardware to be mounted to opposite side of the wall as shown.

TYPE GD
Ground Connector

For Copper Cable to Rod/Tube



High copper alloy ground connector for joining a range of two parallel cables to rod or tube. Especially good for grounding fence posts. UL467 Listed. Acceptable for direct burial.

Catalog Number	IPS	Conductor Range	
		Rod	Cable Range
GD1526	1	1-1/8 - 1-1/4	4 sol. - 2/0 str.
GD1529	1	1-1/8 - 1-1/4	2/0 sol. - 250 kcmil
GD1626	1-1/4	1-3/8 - 1-1/2	4 sol. - 2/0 str.
GD1629	1-1/4	1-3/8 - 1-1/2	2/0 sol. - 250 kcmil
GD174C	1-1/2	1-5/8 - 1-7/8	8 sol. - 4 str.
GD1726	1-1/2	1-5/8 - 1-7/8	4 sol. - 2/0 str.
GD1729	1-1/2	1-5/8 - 1-7/8	2/0 sol. - 250 kcmil
GD1734	1-1/2	1-5/8 - 1-7/8	300 - 500 kcmil
GD184C	2	2 - 2-3/8	8 sol. - 4 str.
GD1826	2	2 - 2-3/8	4 sol. - 2/0 str.
GD1829	2	2 - 2-3/8	2/0 sol. - 250 kcmil
GD1834	2	2 - 2-3/8	300 - 500 kcmil
GD194C	2-1/2	2-1/2 - 2-7/8	8 sol. - 4 str.
GD1926	2-1/2	2-1/2 - 2-7/8	4 sol. - 2/0 str.
GD1929	2-1/2	2-1/2 - 2-7/8	2/0 sol. - 250
GD1934	2-1/2	2-1/2 - 2-7/8	300 - 500 kcmil
GD204C	3	3 - 3-1/2	8 sol. - 4 str.
GD2026	3	3 - 3-1/2	4 sol. - 2/0 str.
GD2029	3	3 - 3-1/2	2/0 sol. - 250 kcmil
GD2034	3	3 - 3-1/2	300 - 500 kcmil
GD214C	3-1/2	3-1/2 - 4	8 sol. - 4 str.
GD2126	3-1/2	3-1/2 - 4	4 sol. - 2/0 str.
GD2129	3-1/2	3-1/2 - 4	2/0 sol. - 250 kcmil
GD2134	3-1/2	3-1/2 - 4	300 - 500 kcmil
GD224C	4	4 - 4-1/2	8 sol. - 4 str.
GD2226	4	4 - 4-1/2	4 sol. - 2/0 str.
GD2229	4	4 - 4-1/2	2/0 sol. - 250 kcmil
GD2234	4	4 - 4-1/2	300 - 500 kcmil

All dimensions shown are for reference only.

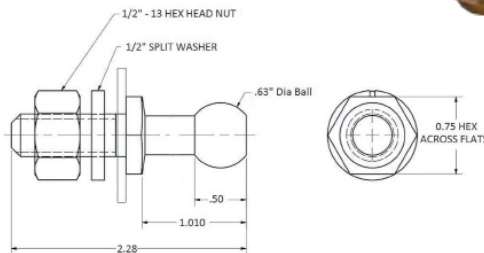
TYPE GCB63T13G1
STUDBUG™

For Static Grounding Applications

Catalog Number **GCB63T13G1** is a temporary grounding stud for use on rail cars, chemical trucks, hazardous waste tankers, or a petroleum vehicle to allow for static grounding protection while in operation. It provides a contact point, allowing the rail car, truck, or tanker to be grounded to an equipotential grid or ground rod by using static reel or a ground cable.



Note:
① Can be used with plate, bus bar or structural steel up to 1/4" thick.



TYPE SB
HandyBug™ Connector

Tap, Splice or Terminate

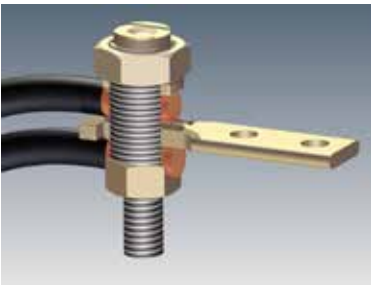


For Power or Grounding
Traditional Split Bolt
Run & Tap
Splice
Wire to pipe/steel/bus bar
1 or 2 wires
Tap, Splice, Terminate

The HandyBug™ connector is an “all-in-one” electrical connector that can be used for dozens of different power or grounding connection applications. This new connector is the “survival tool” of electrical connections and can be used as a splice, tap, terminal, wire-to-pipe, wire-to-busbar, and many other options. The HandyBug™ incorporates the features and benefits of dozens of different products. Available in 2 sizes, these connectors accommodate from #8 AWG Solid to 1/0 AWG Stranded. Perfect for emergency repairs, maintenance crews and technicians; the HandyBug™ connector is an essential part of every electrician’s basic supplies. cULus Listed and acceptable for direct burial in earth and concrete.

Catalog Number	Stranded	Solid	Stud Diameter
SB232TC14	8 AWG - 2 AWG	8 AWG - 2 AWG	3/8 - 16
SB232TC38	8 AWG - 2 AWG	8 AWG - 2 AWG	3/8 - 16
SB23U*	8 AWG - 2 AWG	8 AWG - 2 AWG	3/8 - 16
SB252TC14	2 AWG - 1/0 AWG	2 AWG - 1/0 AWG	1/2 - 13
SB252TC38	2 AWG - 1/0 AWG	2 AWG - 1/0 AWG	1/2 - 13
SB25U*	2 AWG - 1/0 AWG	2 AWG - 1/0 AWG	1/2 - 13

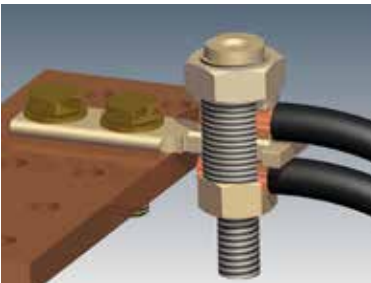
Traditional Split Bolt Option



Splice Connection



Terminate 1 or 2 Wires



Wire to Pipe or Steel



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.

Catalog Number	IPS	Rod
GG15-1	1	1-1/8 - 1-1/4
GG16-1	1-1/4	1-3/8 - 1-1/2
GG17-1	1-1/2	1-5/8 - 1-7/8
GG17-15	1-1/2	1-5/8 - 1-7/8
GG18-1	2	2 - 2-3/8
GG18-15	2	2 - 2-3/8
GG18-2	2	2 - 2-3/8
GG19-2	2-1/2	2-1/2 - 2-7/8
GG19-25	2-1/2	2-1/2 - 2-7/8
GG20-2	3	3 - 3-1/2
GG20-25	3	3 - 3-1/2
GG20-3	3	3 - 3-1/2
GG21-2	3-1/2	3-1/2 - 4
GG21-25	3-1/2	3-1/2 - 4
GG21-3	3-1/2	3-1/2 - 4
GG21-35	3-1/2	3-1/2 - 4
GG22-2	4	4 - 4-1/2
GG22-25	4	4 - 4-1/2
GG22-3	4	4 - 4-1/2
GG22-35	4	4 - 4-1/2
GG22-4	4	4 - 4-1/2
GG24-2	5	—

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. UL467 Listed. Acceptable for direct burial.

Catalog Number	Conductor Range		Cable Range
	IPS	Rod	
GK114C	1/4	1/2	8 sol. - 4 str.
GK1126	1/4	1/2	4 sol. - 2/0 str.
GK1129	1/4	1/2	2/0 sol. - 250 kcmil
GK644C	3/8	5/8 - 3/4	8 sol. - 4 str.
GK6426	3/8	5/8 - 3/4	4 sol. - 2/0 str.
GK6429	3/8	5/8 - 3/4	2/0 sol. - 250 kcmil
GK6434	3/8	5/8 - 3/4	300 - 500 kcmil
GK1426	1/2 - 3/4	7/8 - 1	4 sol. - 2/0 str.
GK1429	1/2 - 3/4	7/8 - 1	2/0 sol. - 250 kcmil
GK1434	1/2 - 3/4	7/8 - 1	300 - 500 kcmil
GK1526	1	1-1/8 - 1-1/4	4 sol. - 2/0 str.
GK1529	1	1-1/8 - 1-1/4	2/0 sol. - 250 kcmil
GK1626	1-1/4	1-3/8 - 1-1/2	4 sol. - 2/0 str.
GK1629	1-1/4	1-3/8 - 1-1/2	2/0 sol. - 250 kcmil
GK1726	1-1/2	1-5/8 - 1-7/8	4 sol. - 2/0 str.
GK1729	1-1/2	1-5/8 - 1-7/8	2/0 sol. - 250 kcmil
GK1826	2	2 - 2-3/8	4 sol. - 2/0 str.
GK1829	2	2 - 2-3/8	2/0 sol. - 250 kcmil
GK1926	2-1/2	2-1/2 - 2-7/8	4 sol. - 2/0 str.
GK1929	2-1/2	2-1/2 - 2-7/8	2/0 sol. - 250 kcmil

**TYPE GP
Ground Connector**

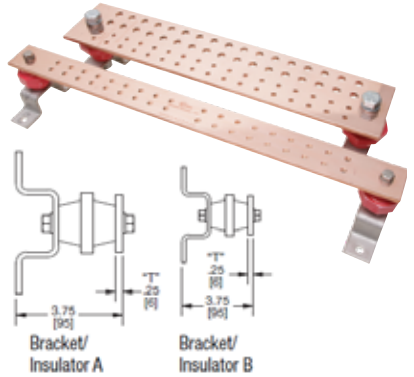
For Two Copper Cables to Rod or Pipe



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. UL467 Listed. Acceptable for direct burial.

Catalog Number	Conductor Range		Cable Range
	IPS	Rod	
GP114C	1/4	1/2	8 sol. - 4 str.
GP1126	1/4	1/2	4 sol. - 2/0 str.
GP1129	1/4	1/2	2/0 sol. - 250 kcmil
GP644C	3/8	5/8 - 3/4	8 sol. - 4 str.
GP6426	3/8	5/8 - 3/4	4 sol. - 2/0 str.
GP6429	3/8	5/8 - 3/4	2/0 sol. - 250 kcmil
GP6434	3/8	5/8 - 3/4	300 - 500 kcmil
GP144C	1/2 - 3/4	7/8 - 1	8 sol. - 4 str.
GP1426	1/2 - 3/4	7/8 - 1	4 sol. - 2/0 str.
GP1429	1/2 - 3/4	7/8 - 1	2/0 sol. - 250 kcmil
GP1434	1/2 - 3/4	7/8 - 1	300 - 500 kcmil
GP164C	1-1/4	1-5/8	8 sol. - 4 str.
GP1629	1-1/4	1-5/8	2 sol. - 250 kcmil
GP1726	1-1/2	1-7/8	4 sol. - 2 str.
GP184C	2	2-3/8	8 sol. - 4 str.
GP1826	2	2-3/8	4 sol. - 2/0 str.
GP2026	3	3-1/2	4 sol. - 2/0 str.
GP2226	4	4-1/2	4 sol. - 2/0 str.

**TYPES 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.

Catalog Number	Fig. No.	Bracket/Insulator	T-Bar Thickness	W-Bar Width	L-Bar Length	E1	E2	E3	F1	F2	# 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	—	A	1/4"	4"	12"	—	—	—	—	—	—	—
BBB424UD	—	B	1/4"	4"	24"	—	—	—	—	—	—	—
BBBHR19*	—	—	3/16"	3/4"	19"	.38	Contact Factory for Dimensions					
BBBVR36*	—	—	1/4"	5/8"	36"	.32						

* Not UL Listed.

BusBar Figure References

Figure 1

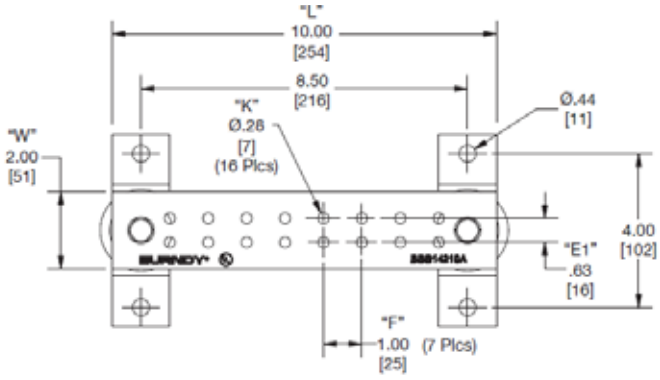


Figure 2

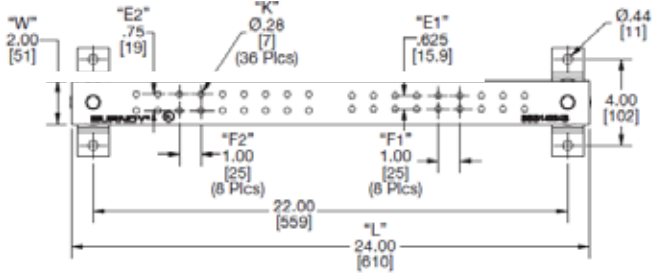


Figure 3

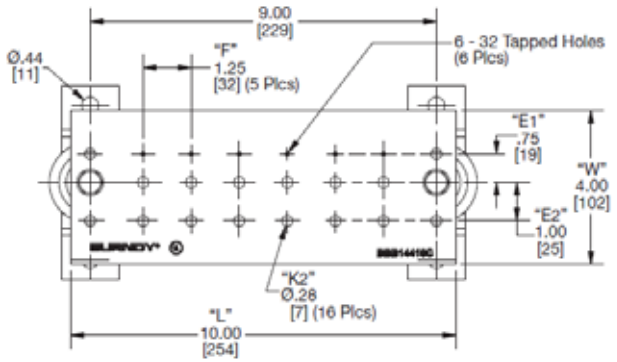


Figure 4

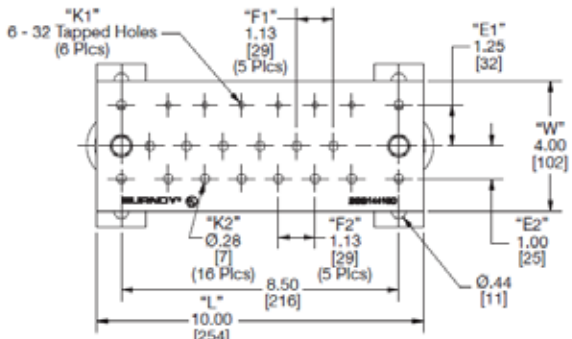
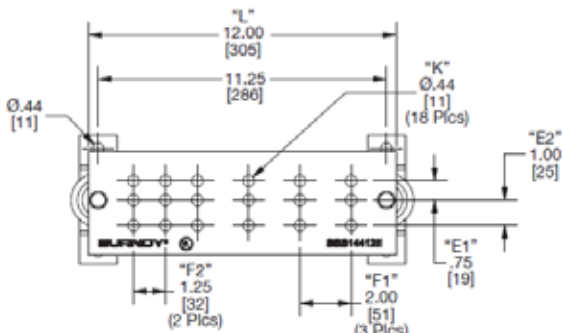


Figure 5



BusBar Figure References (continued)

Figure 6

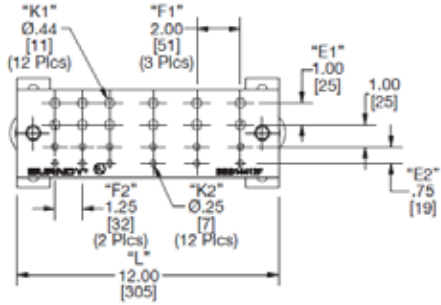


Figure 7

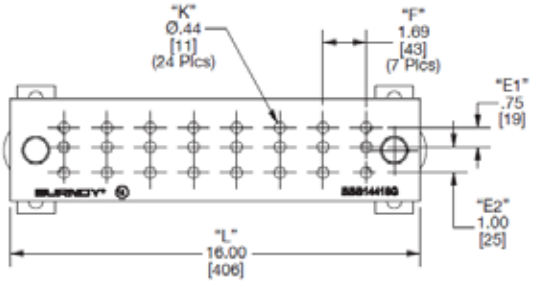


Figure 8

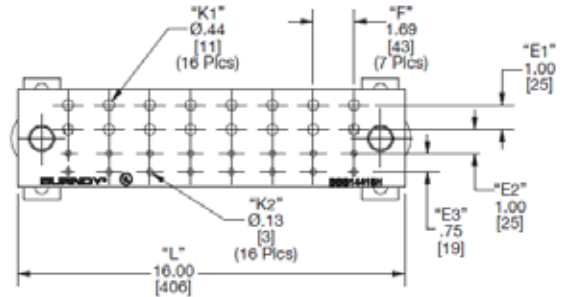
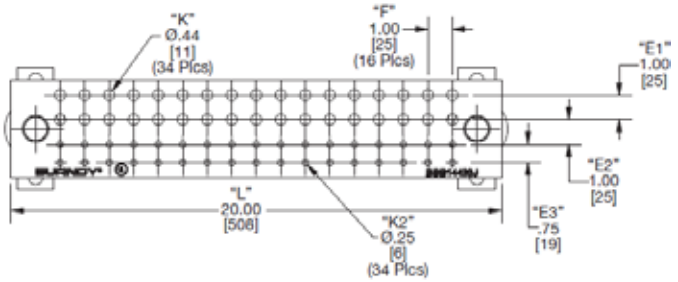


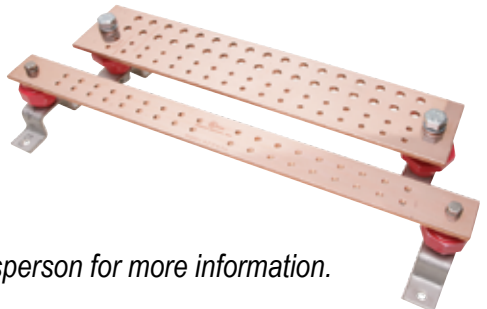
Figure 9



Custom busbar designs are available upon request.

Need different:

- length
- width
- drilling pattern
- tin plating



Contact your local BURNDY Salesperson for more information.

TYPE B Flexible Copper Braid



Extra-flexible tinned copper braid used on disconnects and switch handle grounds. Also used to ground fence posts and gates.

Catalog Number	# Braids in Ferrule	W	Hole Spacing	Hole Size	L	Approximate Ampere Rating	
						Indoor	Outdoor
BD12 ①	1	0.94	1.25	0.44	12	190	225
BD12N ①	1	0.94	1.75	0.56	12	190	225
BD18 ①	1	0.94	1.25	0.44	18	190	225
BD18N ①	1	0.94	1.75	0.56	18	190	225
BD24 ①	1	0.94	1.25	0.44	24	190	225
BD24N ①	1	0.94	1.75	0.56	24	190	225
BE12 ①	1	1.50	1.50	0.44	12	340	405
BE12N ①	1	1.50	1.75	0.56	12	340	405
BE18 ①	1	1.50	1.50	0.44	18	340	405
BE18N ①	1	1.50	1.75	0.56	18	340	405
BE24 ①	1	1.50	1.50	0.44	24	340	405
BE24N ①	1	1.50	1.75	0.56	24	340	405
BF12 ①	1	1.19	1.50	0.44	12	360	430
BF12N ①	1	1.19	1.75	0.55	12	360	430
BF18 ①	1	1.19	1.50	0.44	18	360	430
BF18N ①	1	1.19	1.50	0.44	18	360	430
BF24 ①	1	1.19	1.50	0.44	24	360	430
BF24N ①	1	1.19	1.75	0.56	24	360	430
BG12	1	1.50	1.50	0.44	12	415	495
BG12N ①	1	1.50	1.75	0.56	12	415	495
BG18	1	1.50	1.50	0.44	18	415	495
BG18N ①	1	1.50	1.75	0.56	18	415	495
BG24	1	1.50	1.50	0.44	24	415	495
BG24N ①	1	1.50	1.75	0.56	24	415	495
B2D12 ①	2	0.94	1.25	0.44	12	380	455
B2D12N ①	2	0.94	1.75	0.56	12	380	455
B2E12	2	1.62	1.50	0.44	12	530	635
B2E12N ①	2	1.62	1.75	0.56	12	530	635
B2F12	2	1.38	1.50	0.44	12	600	720
B2F12N ①	2	1.38	1.75	0.56	12	600	720
B2G12N ①	2	1.50	1.75	0.56	12	700	840
B3D12	3	1.19	1.25	0.44	12	470	560
B3D12N ①	3	1.19	1.75	0.56	12	470	560
B3E12	3	1.64	1.50	0.44	12	700	840
B3E12N ①	3	1.64	1.75	0.56	12	700	840
B3F12	3	1.44	1.50	0.44	12	820	980
B3F12N ①	3	1.44	1.75	0.56	12	820	980
B3G12	3	1.69	1.50	0.44	12	960	1150
B3G12N ①	3	1.69	1.75	0.56	12	960	1150
B4D12	4	1.19	1.25	0.44	12	600	720
B4D12N ①	4	1.19	1.75	0.56	12	600	720
B4E12	4	1.64	1.50	0.44	12	850	1020
B4E12N ①	4	1.64	1.75	0.56	12	850	1020
B4F12	4	1.50	1.50	0.44	12	1000	1200
B4F12N ①	4	1.50	1.75	0.56	12	1000	1200
B4G12N ①	4	1.69	1.75	0.56	12	1200	1440

NOTES:

Equivalent sizes may be designated by suffix letters representing variations in length, mounting configurations, pad size and finish. Contact factory for details.

For Tin plated ferrules add suffix -TN to the catalog number.

"N" indicates 2-hole NEMA standard.

① Certified to CSA C22.2, No. 41 Grounding and Bonding Equipment Standards in addition to the UL467 Listing to which all items are Listed

TYPE B
1-Hole Ferrule End
Flexible Copper Braid,
Bonding Jumpers, Bonding
Straps



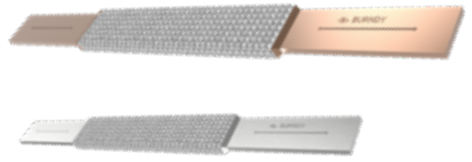
Flexible copper braid jumpers designed to take up linear expansion and contraction, compensate for misalignment and absorb vibratory movement of electrical equipment and devices. Made of flat extra flexible tinned pure copper braid with high quality BURNDY ferrules on each end. Other lengths, plating and connector sizes are available; contact BURNDY for more information.

Catalog Number	AWG Equivalent	Length (inches)	End Type	Stud Hole	Approximate Ampere Rating	
					Indoor	Outdoor
BB024L6T14*	#6 AWG	6.00	Ferrule	1/4	75	100
BB024L9T14*	#6 AWG	9.00	Ferrule	1/4	75	100
BB036L9T14*	#5 AWG	9.00	Ferrule	1/4	85	125
BB036L12T14*	#5 AWG	12.00	Ferrule	1/4	85	125
BB036L18T14*	#5 AWG	18.00	Ferrule	1/4	85	125
BB048L6T14*	#4 AWG	6.00	Ferrule	1/4	95	150
BB048L9T14*	#4 AWG	9.00	Ferrule	1/4	95	150
BB067L6T14	#2 AWG	6.00	Ferrule	1/4	110	180
BB067L9T14	#2 AWG	9.00	Ferrule	1/4	110	180
BD6T14	#1 AWG	6.00	Ferrule	1/4	190	225
BD9T14	#1 AWG	9.00	Ferrule	1/4	190	225
BE12T716	3/0 AWG	12.00	Ferrule	7/16	340	405
BE18T716	3/0 AWG	18.00	Ferrule	7/16	340	405
BE12T58	3/0 AWG	12.00	Ferrule	5/8	340	405
BE18T58	3/0 AWG	18.00	Ferrule	5/8	340	405
BE24T58	3/0 AWG	24.00	Ferrule	5/8	340	405
BE6T716	3/0 AWG	6.00	Ferrule	7/16	340	405
BF6T716	4/0 AWG	6.00	Ferrule	7/16	360	430
BF12T716	4/0 AWG	12.00	Ferrule	7/16	360	430
BF18T716	4/0 AWG	18.00	Ferrule	7/16	360	430
BG6T716	300 kcmil	6.00	Ferrule	7/16	415	495
BG8T716	300 kcmil	8.00	Ferrule	7/16	415	495
BG12T716	300 kcmil	12.00	Ferrule	7/16	415	495
BG12T12	300 kcmil	12.00	Ferrule	1/2	415	495

* Not CSA Certified

TYPE B-U

**Undrilled Ferruled
Flexible Copper Braid,
Bonding Jumpers,
Bonding Straps**



Undrilled seamless pure copper ferrules are supplied with scored lines and dimples. Scored lines locate the center of the ferrule and prevent the drill from walking when drilling in this area. Dimples at the end of the scored lines represent the location of the NEMA standard hole spacing. Drill the holes you need, where you need them, using the supplied guide and the cULus Listing is retained. BURNDY undrilled braids offer a field flexible solution for almost any application!

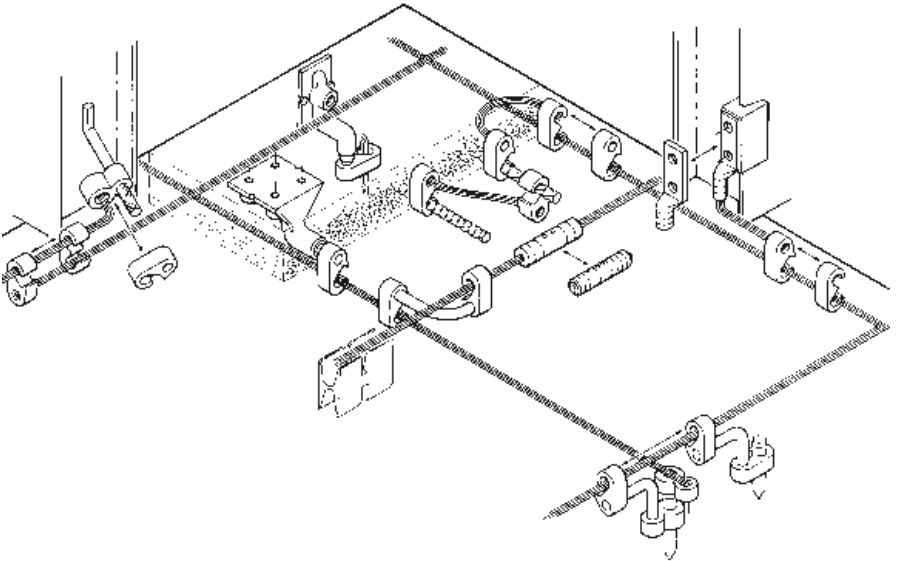
Catalog Number	AWG Equivalent	Length (inches)	Ferrule Width (inches)	Approximate Ampere Rating	
				Indoor	Outdoor
BD12N2U	#1 AWG	12"	.94	190	225
BD18N2U	#1 AWG	18"	.94	190	225
BD24N2U	#1 AWG	24"	.94	190	225
BD36N2U	#1 AWG	36"	.94	190	225
BE12N2U	3/0 AWG	12"	1.50	340	405
BE18N2U	3/0 AWG	18"	1.50	340	405
BE24N2U	3/0 AWG	24"	1.50	340	405
BE36N2U	3/0 AWG	36"	1.50	340	405
BF12N2U	4/0 AWG	12"	1.19	360	430
BF18N2U	4/0 AWG	18"	1.19	360	430
BF24N2U	4/0 AWG	24"	1.19	360	430
BF36N2U	4/0 AWG	36"	1.19	360	430
BG12N2U	300 kcmil	12"	1.50	415	495
BG18N2U	300 kcmil	18"	1.50	415	495
BG24N2U	300 kcmil	24"	1.50	415	495
BG36N2U	300 kcmil	36"	1.50	415	495

* Add TN to the end of catalog number for tinplated ferrules


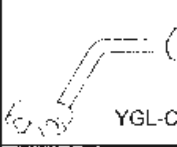



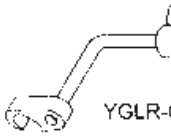






THE HYGROUND® IRREVERSIBLE COMPRESSION SYSTEM

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 40 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.



{ LEGEND }

 YGHP-C	 YGL-C	 YGHA	 YGF-4N
 YGHR-C	 YGLR-C	 YGHS	 YGF-2N
 YGHC-C	 YGA	 YGS	 GSTUD-HY

TYPE YGL-C
HYGRID™ Cross Connector



Element A

Element B

An irreversible 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. Prefilled with PENETROX™ compound and strip sealed.

Catalog Number	Cable to Cable	
	Element "A"	Element "B"
YGL2C2	6 sol. - 2 str.	6 sol. - 2 str.
YGL29C2	1 str. - 250 kcmil	6 sol. - 2 str.
YGL29C29	2 str. - 250 kcmil	2 str. - 250 kcmil
YGL34C2	250 kcmil - 500 kcmil	6 sol. - 2 str.
YGL34C29		2 str. - 250 kcmil
YGL34C34		250 kcmil - 500 kcmil

Catalog Number	Cable to Ground Rod		To Rebar
	Element "A"	Element "B"	Element "A"
YGL29C2	1/2 - 5/8 Rod	6 sol. - 2 str.	3/8"-1/2"
YG29C29		2 str. - 250 kcmil	3 - 4 Rebar
YGL34C2	5/8 - 3/4 Rod	6 sol. - 2 str.	5/8"-3/4"
YGL34C29		2 str. - 250 kcmil	5 - 6 Rebar
YGL34C34		250 kcmil - 500 kcmil	—

Catalog Number	Installation Tools, Die Set Catalog Number (Number of Crimps)			
	35, 39, and 750 Series		46 Series (with PUADP1 for U-dies)	
	Element "A"	Element "B"	Element "A"	Element "B"
YGL2C2	U-O (1)	U-O (1)	U-O (1)	U-O (1)
YGL29C2	U997 (1)	U-O (1)	U997 (1)	U-O (1)
YGL29C29	U997 (1)	U997 (1)	U997 (1)	U997 (1)
YGL34C2 †	PU998 (1)	U-O (1)	P998 or PU998 (1)	U-O (1)
YGL34C29 †	PU998 (1)	U997 (1)	P998 or PU998 (1)	U997 (1)
YGL34C34 †	U1011 (3)	U1011 (3)	P1011 (3)	P1011 (3)

† These connectors can only be installed using the 750, or 46 series tools with the recommended dies.

**TYPE YGLR-C
GRIDLOK™
Ground 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. Prefilled with PENETROX™ compound and strip sealed.

Catalog Number	Commercial Copper Cable Range Element "A"	Ground Rod Dia. Element "B"
YGLR29C12	2 str. - 250 kcmil	1/2"
YGLR34C12	250 - 500 kcmil	
YGLR29C58	2 str. - 250 kcmil	5/8"
YGLR34C58	250 - 500 kcmil	
YGLR29C34	2 str. - 250 kcmil	3/4"
YGLR34C34	250 - 500 kcmil	
YGLR29C100	2 str. - 250 kcmil	1"
YGLR34C100	250 - 500 kcmil	

Catalog Number	Installation Tools, Die Set Cat. No. (Number of Crimps)					
	35/39 Series		750 Series		46 Series (with PUADP1 for U-dies)	
	Element "A"	Element "B"	Element "A"	Element "B"	Element "A"	Element "B"
YGLR29C12	U997 (1)	PU998 (1)	U997 (1)	U1011 (2) or PU998 (1)	U997 (1)	P1011 (2) or PU998 (1)
YGLR34C12	—	—	U1011 or PU998 (1)	U1011 (2) or PU998 (1)	P998 or PU998 (1)	P1011 (2) or PU998 (1)
YGLR29C58	U997 (1)	PU998 (1)	U997 (1)	U1011 (2) or PU998 (1)	U997 (1)	P1011 (2) or PU998 (1)
YGLR34C58	—	—	U1011 or PU998 (1)	U1011 (2) or PU998 (1)	P998 or PU998 (1)	P1011 (2) or PU998 (1)
YGLR29C34	U997 (1)	PU998 (1)	U997 (1)	U1011 (2) or PU998 (1)	U997 (1)	P1011 (2) or PU998 (1)
YGLR34C34	—	—	U1011 (2) or PU998 (1)	U1011 (2) or PU998 (1)	U1011 (2) or PU998 (1)	P1011 (2) or PU998 (1)
YGLR29C100	—	—	U997 (1)	U1011 (2) or PU998 (1)	U997 (1)	P1011 (2) or PU998 (1)
YGLR34C100	—	—	U1011 (2) or PU998 (1)	U1011 (2) or PU998 (1)	U1011 (2) or PU998	P1011 (2) or PU998 (1)

Ground Rod Dia.	PRECRIMP Dies	
1/2"	UPRECRIMP 12	U2CABT
5/8"	UPRECRIMP 58	
3/4"	UPRECRIMP 34	

For ground rod to wire applications, ground rod must be precrimped, see above table for appropriate precrimp dies.

TYPE YGHP-C
HYTAP™ Connector



Meets IEEE 837 Requirements



Irreversible compression ground tap figure “6” connectors. 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.

Catalog Number	Accommodates		Cable to Rebar	
	Run	Tap	Run	Tap
YGHP2C2	6 sol. - 2 str.	6 sol. - 2 str.	—	—
YGHP2C6W6W	6 sol. - 2 str.	8 sol. - 6 str. (2 taps)	—	—
YGHP29C6W6W	1/0 str. - 250 kcmil 1/2 - 5/8 rod	8 sol. - 6 str. (2 taps)	3 Rebar 3/8 through 1/2 4 Rebar	8 sol. - 6 str.
YGHP29C2		4 sol. - 2 str.		2 str.
YGHP29C26		1/0 str. - 2/0 str.		1/0 str. - 2/0 str.
YGHP29C29		3/0 str. - 250 kcmil		3/0 str. - 250 kcmil
YGHP34C2		4 sol. - 2 str.		—
YGHP34C26		250 - 500 kcmil 5/8 - 3/4 rod		1/0 str. - 2/0 str.
YGHP34C29		3/0 str. - 250 kcmil	3/0 str. - 250 kcmil	
YGHP34C34	250 - 500 kcmil 5/8 - 3/4 rod	350 kcmil - 500 kcmil	5 Rebar 5/8 through 3/4 6 Rebar	350 - 500 kcmil

Catalog Number	Die Index	Installation Data		
		750, 35, and 39 Series	46 Series (with PUADP1 for U-dies)	# of Crimps
YGHP2C2	0	U0	U0	1
YGHP2C6W6W				1
YGHP29C6W6W	997	U997	U997	1
YGHP29C2				1
YGHP29C26				1
YGHP29C29				1
YGHP34C2				1
YGHP34C26	998	PU998	PU998 or P998	1
YGHP34C29				1
YGHP34C34				1011

TYPE YGF
Grounding Plate

Meets IEEE 837 Requirements



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. Prefilled with PENETROX™ compound and strip sealed.

Catalog Number	Copper Conductor Range	Installation Tools, Dies, & (# Crimps)	
		750, 35, and 39 Series	46 Series (with PUADP1 for U-dies)
YGF29-2N	2 AWG - 250 kcmil	U997 (1)	U997 (1)
YGF29-4N			
YGF34-2N	250 - 500 kcmil	U1011 (3)	P1011 (2)
YGF34-4N			

TYPE YGHC-C
HYTAP™ Connector



Meets IEEE 837 Requirements



Irreversible compression ground tap figure “C” connectors. Accommodates all cable combinations from 6 solid through 500kcmil. “C”-shaped opening permits placing two continuous parallel cables into conductor groove. UL467 Listed. Acceptable for direct burial. Prefilled with PENETROX™ compound and strip sealed.

Catalog Number	Commercial Copper Cable Range		Installation Tools, Dies, & (# Crimps)	
	Run	Tap	750, 35, and 39 Series	46 Series (with PUADP1 for U-dies)
YGHC2C2	6 sol.	6 sol.	U-C (1)	U-C (1)
	2 str.	2 str.		
YGHC26C2	1 str.	6 sol.	U-O (1)	U-O (1)
	2/0 str.	2 str.		
YGHC26C26	1 str.	1 str.	U-O (1)	U-O (1)
	2/0 str.	2/0 str.		
YGHC29C26	3/0 str.	6 sol.	U997 (1)	U997 (1)
	250 kcmil	2/0 str.		
YGHC29C29	3/0 str.	3/0 str.	U997 (1)	U997 (1)
	250 kcmil	250 kcmil		
YGHC34C26	300 kcmil	6 sol.	U1011 (2)	P1011 (2)
	500 kcmil	2/0 str.		
YGHC34C29	300 kcmil	3/0 str.	U1011 (2)	P1011 (2)
	500 kcmil	250 kcmil		
YGHC34C34	300 kcmil	300 kcmil	U1011 (3)	P1011 (3)
	500 kcmil	500 kcmil		

TYPE YGHHC-C
HYTAP™ CONNECTOR



Meets IEEE 837 Requirements



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. The YGHHC-C series is qualified to IEEE-837 2014. Prefilled with PENETROX™ compound and strip sealed.

Catalog Number	Commercial Copper Cable to Cable or Cable to Ground Rod		H	L	Installation Tools, Dies, & (# Crimps)	
	Run	Tap			750, 35, 39 Series	46 Series (with PUADP1 for U-dies)
YGHC26C26	1 Str. (0.328) 2/0 Str. (0.419) 3/8" Rod	1 Str. (0.328) 2/0 Str. (0.419)	1.54 [39]	0.75 [19]	U-O (2)	U-O (2)
YGHC29C26	3/0 Str. (0.470) 250 kcmil (0.575) 1/2" or 5/8" Rod	6 Sol. (0.162) 2/0 Str. (0.419)	1.97 [50]	0.88 [22]	U997 (2)	U997 (2)
YGHC29C29	3/0 Str. (0.470) 250 kcmil (0.575) 1/2" or 5/8" Rod	3/0 Str. (0.470) 250 kcmil (0.575)	2.06 [52]	0.88 [22]	U997 (2)	U997 (2)
YGHC34C26	300 kcmil (0.630) 500 kcmil (0.813) 3/4" Rod	6 Sol. (0.162) 2/0 Str. (0.419)	2.42 [62]	0.88 [22]	U1011 (4)	P1011 (4)
YGHC34C29 ⑥	300 kcmil (0.630) 500 kcmil (0.813)	3/0 Str. (0.470) 250 kcmil (0.575)	2.67 [68]	0.88 [22]	U1011 (4)	P1011 (4)
YGHC34C34	300 kcmil (0.630) 500 kcmil (0.813)	300 kcmil (0.630) 500 kcmil (0.813)	2.91 [74]	1.10 [28]	U1011 (6)	P1011 (6)

NOTE: For ground rod to wire applications, ground rod must be precrimped; see table for appropriate precrimp dies

⑥ These connectors cannot be installed with the Y35 or Y39 HYPRESS™

TYPE YGHR-C
HYTAIL™
Ground Rod Connectors



Meets IEEE
 837 Requirements

Catalog Number	Commercial Copper Cable Range	Nominal Ground Rod Dia.	Installation Tools, Die Set Catalog Number (# of Crimps)			
			750, 35, and 39 Series	46 Series (with PUADP1 for U-dies)		
YGHR26C12	2 - 2/0 str.	1/2"	—	P1011 (2) PU998 (1)		
YGHR26C58		5/8"	U1011 (2) PU998 (1)			
YGHR26C34		3/4"				
YGHR26C100		1"				
YGHR29C12	4/0 str. - 250 kcmil	1/2"			U1011 (2) PU998 (1)	
YGHR29C58		5/8"				
YGHR29C34		3/4"				
YGHR29C100		1"				
YGHR34C58	300 - 500 kcmil	5/8"				U1011 (2) PU998 (1)
YGHR34C34		3/4"				
YGHR34C100		1"				
				P1011 (2)		

TYPE YGHR-C
HYTAIL™ Connectors



High strength copper irreversible compression ground rod tap connector.

Catalog Number	Ground Rod Diameter	Tap Conductor
YGHR58C2W-3	5/8"	2 sol. Copper 1, 2, or 3 may be connected.

Catalog Number	Ground Rod Dia.	Tap Conductor	Installation Tools, Die Set Catalog Number (# of Crimps)	
			③ 750, ④ 35, and 39 Series	② 46 Series
⑤ YGHR58C2W-3	① 5/8"	⑦ #2 Sol Copper 1, 2, or 3 may be connected	PU998 (1) ⑥ U1011 (2)	PU998 (1) ⑥ U1011 (2) P998 (1) P1011 (2)

- ① Contact BURNDY® for other ground rod diameters
- ② PU998 and U1011 die sets require PUADP-1 adapter for use in the 46 Series.
- ③ The 750 Series tools utilize PU dies and the U1011 die.
- ④ The Y35 only uses PU998 die
- ⑤ To order electro-tin plated connector for use on galvanized steel ground rod add suffix "-TN" to the catalog number; The ground rod hole diameter is larger for galvanized steel ground rod in the tin plated connector
- ⑥ Ground rod must be precrimped with die U2CABT (Index 348) when PU998 die set is used in the 35, 750 or 46 Series of tools; for even greater mechanical resistance use UPRECRIMP58 dies.

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 AWG through 500 kcmil, including ground rod sizes: 3/4, 1 and Rebar sizes: 6, 8 and 9. Prefilled with PENETROX™ E2 and strip sealed.

Catalog Number	Conductor Sizes			
	Main	Tap 1	Tap 2	Tap 3
YSHG4429	9 & 8 Rebar, 1" (25) Ground Rod	2 AWG - 250 kcmil	—	—
YSHG3939*	1 (25) Cu Clad Ground Rod 500 kcmil Copper	350 - 500 kcmil	—	—
YSHG3931*	6 Rebar, 1 (25) Cu Clad Ground Rod, 3/4 Ground Rod 350 - 500 kcmil Copper	1/0 - 4/0 AWG	6 - 1 AWG	14 - 2 AWG
YSHG3434	6 Rebar, 3/4 (19) Ground Rod 250 - 400 kcmil Copper	4/0 AWG - 400 kcmil		
YSHG3429	6 Rebar, 3/4 (19) Ground Rod 4/0 - 400 kcmil Copper	1/0 - 3/0 AWG	4/0 AWG - 400 kcmil	14 - 8 AWG

Catalog Number	Tooling (# of crimps)		Index Embossment
	750 Series	46 Series	
YSHG4429	—	PYFR (2)	KR
① YSHG3931	—	PYFR (2)	KR
YSHG3434	U1104 (4)	② P1104 (2) U1104 (4)	1104
YSHG3429	U1104 (4)	② P1104 (2) U1104 (4)	1104

- ① Not for use on 1" steel ground rod
- ② Use PUADP-1 adapter

TYPE YGHP-C
High Strength Copper
HYTAP™ 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.

Catalog Number	Ground Rod Diameter	Tap Conductor
YGHP58C2W-2	1/2" - 5/8"	2 sol. Copper (1) Continuous run and (1) Tap or up to (2) taps may be connected.

Catalog Number	Installation Tooling Die Number (# of Crimps)		Die Index
	35, 750 Series	46 Series (requires PUADP1 for U-dies)	
YGHP58C2W-2	U997 (1)	U997 (1)	997

TYPE YGHA
HYLUG™ 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. UL486A Listed. Prefilled with PENETROX™ compound and strip sealed.

Catalog Number	Copper Conductor Size	35, 39, 750 and 46 Series Tools Die Number (# of Crimps) ②
YGHA2C-2N	2 str.	U1CRT (1)
YGHA25-2N	1/0 str.	U27RT (1)
YGHA26-2N	2/0 str.	U28RT (1)
YGHA28-2N	4/0 str.	U30RT (1)
YGHA29-2N	250 kcmil	U31RT (2)
YGHA34-2N	500 kcmil	U36RT (3)

② Where a "U" or "PU" die is recommended with the 46 Series, PUADP-1 adapter must be used

TYPE YGA
HYLUG™ Terminals



Irreversible compression HYLUG™ ground terminal specifically designed for ground applications. Each connector has an inspection probe hole to ensure proper cable insertion. UL467 Listed. Acceptable for direct burial. UL486A Listed. Prefilled with PENETROX™ compound and strip sealed.

Catalog Number	Copper Conductor Size	35, 39, 750 and 46 Series Tools Die Number (# of Crimps) ②
YGA2C-2N	2 str.	U2CRT (2)
YGA25-2N	1/0 str.	U25RT (2)
YGA26-2N	2/0 str.	U26RT (2)
YGA28-2N	4/0 str.	U28RT (2)
YGA29-2N	250 kcmil	U29RT (2)
YGA34-2N	500 kcmil	U34RT (4)

② Where a "U" or "PU" die is recommended with the 46 Series, PUADP-1 adapter must be used

TYPE YGHS
HYLINK™ Ground Splice



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.

Catalog Number	Copper Conductor Size	35, 39, 750 and 46 Series Tools Die Number (# of Crimps)
YGHS2C	2 str.	U1CRT (1)
YGHS25	1/0 str.	U27RT (1)
YGHS26	2/0 str.	U28RT (1)
YGHS28	4/0 str.	U30RT (1)
YGHS29	250 kcmil	U31RT (2)

② Where a "U" or "PU" die is recommended with the 46 Series, PUADP-1 adapter must be used

TYPE YGS
HYLINK™ Ground Splices



Irreversible compression HYLINK™ ground splices are specifically designed for ground applications. Each conductor element has an inspection probe hole and a center stop to ensure proper cable insertion. UL467 Listed. Acceptable for direct burial. UL486A Listed. Prefilled with PENETROX™ compound and strip sealed.

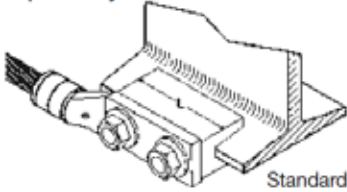
Catalog Number	Copper Conductor Size	35, 39, 750 and 46 Series Tools Die Number (# of Crimps)
YGS2C	2 str.	U2CRT (2)
YGS25	1/0 str.	U25RT (2)
YGS26	2/0 str.	U26RT (2)
YGS28	4/0 str.	U28RT (2)
YGS29	250 kcmil	U29RT (2)
YGS34	500 kcmil	U34RT (4)

② Where a "U" or "PU" die is recommended with the 46 Series, PUADP-1 adapter must be used

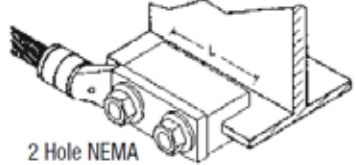
TYPE YGIB
GROUNDLINK™ Connector



An irreversible compression ground connection which allows attachment to ground structural steel (standard [angled] or wide flange parallel) accomplished with a required 5-piece die set, Catalog PIBEAMKIT or UIBEAMKIT. Made of high conductivity wrought copper and comes prefilled with PENETROX™ compound and strip sealed. Order terminal mounting hardware separately.

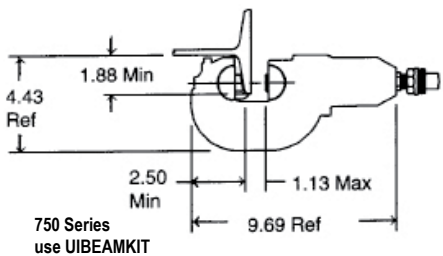
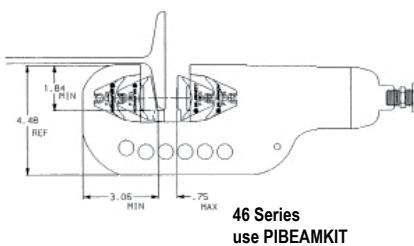


Standard Beams
(Flange Angled)



2 Hole NEMA Spacing
Wide Flange Beams
(Flange Parallel)

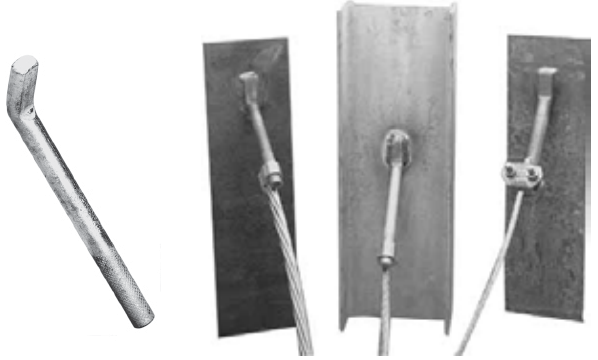
Catalog Number	Copper Conductor Range	Length	Beam Flange Thickness
YGIBS28-338-2N	2 - 4/0 AWG 250 - 500 kcmil	3.00	.250" - .338"
YGIBW28-338-2N		3.00	
YGIBS34-338-2N		6.00	
YGIBW34-338-2N		6.00	
YGIBS28-400-2N	2 - 4/0 AWG 250 - 500 kcmil	3.00	.338" - .400"
YGIBW28-400-2N		3.00	
YGIBS34-400-2N		6.00	
YGIBW34-400-2N	6.00		
YGIBS28-462-2N	2 - 4/0 AWG 250 - 500 kcmil	3.00	.400" - .462"
YGIBW28-462-2		3.00	
YGIBS34-462-2N		6.00	
YGIBW34-462-2N		6.00	
YGIBS28-550-2N	2 - 4/0 AWG 250 - 500 kcmil	3.00	.462" - .550"
YGIBW28-502N		3.00	
YGIBS34-550-2N		6.00	
YGIBW34-550-2N		6.00	
YGIBS28-613-2N	2 - 4/0 AWG 250 - 500 kcmil	3.00	.550" - .613"
YGIBW28-613-2N		3.00	
YGIBS34-613-2N		6.00	
YGIBW34-613-2N		6.00	
YGIBS28-675-2N	2 - 4/0 AWG 250 - 500 kcmil	3.00	.613" - .695"
YGIBW28-675-2N		3.00	
YGIBS34-675-2N		6.00	
YGIBW34-675-2N		6.00	



**TYPE GSTUD-HY
VERSITAIL™**



Meets
IEEE
837 Requirements



Catalog Number	Nom. Rod Size	Use with Compression Connector Catalog No. (Order Separately)	GSTUD-HY/YGHP Assembly Conductor Range
GSTUD14HY	1/4"	YGHP2C2	6 sol. - 2 str. 1/0 str. - 250 kcmil 250 - 500 kcmil
		YGHP29C2	
		YGHP34C2	
GSTUD38HY	3/8"	YGHP29C26	1/0 str. - 250 kcmil 250 - 500 kcmil
		YGHP34C26	
GSTUD916HY	5/8"	YGHP29C29	3/0 str. - 250 kcmil 250 - 500 kcmil
		YGHP34C29	
GSTUD34HY	3/4"	YGHP34C34	250 - 500 kcmil

HYGROUND® Product Offering Table by Application

Product Family	Connector Type	Wire to Wire	Wire to Ground Rod	Wire to Rebar	Wire to Busbar	Wire Termination	Wire to Structural Steel
YGL	Cross Grid	●	●				
YGLR	Ground Rod to Grid		●				
YGHP	Figure 6	●	●	●			
YGHC	Figure C	●	●				
YGHHC	Double C-Tap	●	●				
YGC	CRIMPIT™	●					
YSHG	H-Tap	●		●			
YGHR	Figure 8			●			
YGA	Lug (standard duty)				●	●	
YGHA	Lug (heavy duty)				●	●	
YGS	Splice (standard duty)	●					
YGHS	Splice (heavy duty)	●					
YGIB	I-Beam Connector						●
YG-B	Busbar Connector				●		

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.

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	Standard Cartridge with Ignitor Sticks	Cartridges Per Box
15	15Q	20
25	25Q	20
32	32Q	10
45	45Q	20
65	65Q	20
90	90Q	10
115	115Q	10
150	150Q	10
200	200Q	10
250	250Q	10
500	500Q	10

BURNDYWeld® Weld Metal is sold in box quantities only.

Steel Discs Sold Separately

Catalog Number	Weld Metal Size	Package Quantity
B370320-01*	15 - 65	20
B370320-02*	90 - 115	10
B370320-03*	150 - 500	10

*Steel Discs Only.

**BURNDYWeld® QIKLITE®
Battery Ignition System**



The self-contained unit offers a built-in battery life indicator, 6 ignitor cord, and separate buttons for power and ignition. Also, no starting powder is used with this system so emissions are greatly reduced. QIKLITE® works with “off-the-shelf” molds and weld metal, so contractors and installers can continue to use the same quality BURNDYWeld® products.

Since the unit operates with standard weld metal and molds, installers also have the option of using a traditional flint ignitor or the new QIKLITE® system. Another feature is the speed of ignition, with virtually no delay between depressing the “push to operate” button and ignition of the weld metal. This instant ignition feature offers quick reassurance to the installer, without the delay.

Features and Benefits

- The QIKLITE® system allows installers to make exothermic connections remotely
- Uses standard exothermic molds and weld metal
- Use the new BURNDYWeld® QIKLITE® System or use a flint ignitor, this versatility makes this system better than anything available in the industry
- Installers have virtually 100% confidence that the connection can be completed, and no wasted material or weld metal shots
- No starting material required—which greatly reduces the amount of emissions generated
- Power is supplied by 4 standard “D” Size batteries
- Built-in battery life indicator
- There’s virtually no delay in ignition after depressing the “push to operate” button
- Separate ON/OFF and Operate buttons
- Comes complete with durable 6 heat resistant cord
- Durable, long-lasting design
- QIKSTIK ignitor sticks are conveniently packaged and available separately or available packaged complete with standard weld metal

Catalog Number	Description
QIKLITE	Battery Ignition System
QIKLITEKIT	QIKLITE® Battery Ignition System and 20 QIKSTIK Ignitor Sticks

Catalog Number Standard Cartridge Size with Ignitor	Cartridges/Ignitors Per Box
15Q	20
25Q	20
32Q	20
45Q	10
65Q	20
90Q	20
115Q	10
150Q	10
200Q	10
250Q	10
500Q	10
QIKSTIK*	10

*Ignitor stick only.

TYPE BCC-1 MOLDS
Horizontal End to End



Cable	Mold	Price Key	Weld Metal	Handle Clamps
8 str.	Use Type BCC-14			
6 str.	Use Type BCC-14			
4 str.	B-5623	18†*	25	N/A
3 str.	B-5624	18†*	32	N/A
2 str.	B-5625	18†*	32	N/A
1 str.	B-5626	18†*	32	N/A
1/0 str.	B-205	4	45	B-106
2/0 str.	B-206	4	65	B-106
3/0 str.	B-207	4	90	B-106
4/0 str.	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	B-106
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 Copperveld® 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
- B38-0135-00 Cable Cleaning Brush
- B38-0330-00 Cable Clamp

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. Size range is 6 str. through 750 kcmil solid or concentric stranded copper conductors. Contact BURNDY® for information on molds for conductors not listed below.

Cable		Mold	Price Key	Weld Metal	Handle Clamps
Run	Tap				
6 str.	6 str.	Use Type BCC-14			
4 str.	4 str.	B-221	4	32	B-106
2 str.	2 str.	B-223	4	45	B-106
	4 str.	B-224	4	45	B-106
1 str.	1 str.	B-225	4	45	B-106
	2 str.	B-226	4	45	B-106
	4 str.	B-227	4	45	B-106
1/0 str.	1/0 str.	B-228	4	90	B-106
	1 str.	B-229	4	45	B-106
	2 str.	B-230	4	45	B-106
	4 str.	B-231	4	45	B-106
2/0 str.	2/0 str.	B-232	4	90	B-106
	1/0 str.	B-233	4	90	B-106
	1 str.	B-234	4	45	B-106
	2 str.	B-235	4	45	B-106
	4 str.	B-5475	4	45	B-106
3/0 str.	3/0 str.	B-236	4	115	B-106
	2/0 str.	B-237	4	90	B-106
	1/0 str.	B-238	4	90	B-106
	1 str.	B-239	4	45	B-106
	2 str.	B-240	4	45	B-106
	4 str.	B-5574	4	45	B-106

TYPE BCC-2 MOLDS

Continued



Cable		Mold	Price Key	Weld Metal	Handle Clamps
Run	Tap				
4/0 str.	4/0 str.	B-241	4	150	B-106
	3/0 str.	B-242	4	115	B-106
	2/0 str.	B-243	4	90	B-106
	1/0 str.	B-244	4	90	B-106
	1 str.	B-245	4	90	B-106
	2 str.	B-246	4	90	B-106
	4 str.	B-5021	4	90	B-106
250 kcmil	250 kcmil	B-247	4	150	B-106
	4/0 str.	B-248	4	150	B-106
	3/0 str.	B-249	4	150	B-106
	2/0 str.	B-250	4	90	B-106
	1/0 str.	B-251	4	90	B-106
	1 str.	B-252	4	90	B-106
	2 str.	B-253	4	90	B-106
300 kcmil	300 kcmil	B-254	4	200	B-106
	250 kcmil	B-255	4	150	B-106
	4/0 str.	B-256	4	150	B-106
	3/0 str.	B-257	4	150	B-106
	2/0 str.	B-258	4	90	B-106
	1/0 str.	B-259	4	90	B-106
	1 str.	B-260	4	90	B-106
	2 str.	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 str.	B-265	4	150	B-106
	3/0 str.	B-266	4	150	B-106
	2/0 str.	B-267	4	90	B-106
	1/0 str.	B-268	4	90	B-106
	1 str.	B-269	4	90	B-106
	2 str.	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 str.	B-285	4	150	B-106
	2/0 str.	B-286	4	90	B-106
	1/0 str.	B-287	4	90	B-106
	1 str.	B-288	4	90	B-106
	2 str.	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 str.	B-296	4	150	B-106
	2/0 str.	B-297	4	150	B-106
	1/0 str.	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
B40-0319-03 Mold Cleaner for cartridge sizes 90-500
B38-3922-00 Mold Cleaning Brush
B38-0135-00 Cable Cleaning Brush
B38-0330-00 Cable Clamp

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 str. 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.

Cable		Mold	Price Key	Weld Metal	Handle Clamps
Ground Rod	Tap				
1/2"	6 str.	B-8402	18†*	25	N/A
	4 str.	B-8403	18†*	25	N/A
	2 str.	B-495	4	65	B-106
	1 str.	B-496	4	65	B-106
	1/0 str.	B-497	4	90	B-106
	2/0 str.	B-498	4	90	B-106
	3/0 str.	B-499	4	90	B-106
	4/0 str.	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 str.	B-8414	18†*	32	N/A
	4 str.	B-8415	18†*	32	N/A
	2 str.	B-503	4	65	B-106
	1 str.	B-504	4	65	B-106
	1/0 str.	B-505	4	90	B-106
	2/0 str.	B-506	4	90	B-106
	3/0 str.	B-507	4	90	B-106
	4/0 str.	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	
3/4"	6 str.	B-8422	18†*	32	N/A
	4 str.	B-8426	19†*	45	N/A
	2 str.	B-5781	4	90	B-106
	1 str.	B-514	4	90	B-106
	1/0 str.	B-515	4	90	B-106
	2/0 str.	B-516	4	90	B-106
	3/0 str.	B-517	4	90	B-106
	4/0 str.	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 str.	B-525	4	150	B-106
	2/0 str.	B-526	4	150	B-106
	3/0 str.	B-527	4	150	B-106
	4/0 str.	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-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

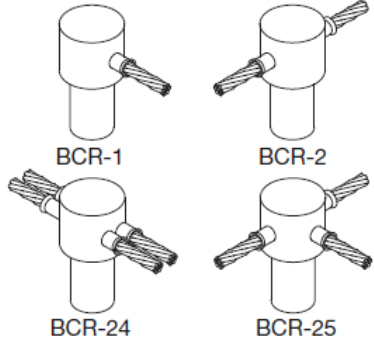
B38-0135-00 Cable Cleaning Brush

B38-0304-00 File

B38-0330-00 Cable Clamp

SINGLE SHOT MOLDS

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.



Ground Rod Size	Cable Size		Type	Mold	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	GR1-161G
	3, 4	4, 6	BCR-1	BS-2013	GR1-141L
	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	GT1-161G
	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-24	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	GT1-182C
	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.

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 sol. through 1000 kcmil solid or concentric stranded copper conductors. Contact BURNDY® for information on molds for conductors not listed below.



Cable Size	Mold	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

Cable to Pipe

Cable Size	Pipe Size	Mold	Price Key	Weld Metal	Handle Clamps
4 sol.	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 sol.	1-1/4" to 4"	B-9233	4	45	B-106
	4" to 6"	B-2480	4	45	B-106
	6" to 10"	B-2688	4	45	B-106
	12" & up	B-588 ‡	4	45	B-106
1 sol.	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 sol.	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 sol.	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 sol.	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 sol.	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

• 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®.

‡ Flat Surface Mold

Other recommended accessories:

Magnetic Clamps to hold molds against vertical steel
 B38-3922-00 Mold Cleaning Brush
 B38-0135-00 Cable Cleaning Brush
 B38-0101-00 Rasp
 B106-32 Vertical Chain Clamp with B-106 Handles for 4" Pipe and smaller
 B40-0106-27 20" Chain Extension for 4" to 10" Pipe [Use (2) 20" Chain
 Extensions for pipe sizes between 10" and 16"]

Required Tools:

Handle Clamps (see chart for correct handles)
 B38-0309-00 Flint Ignitor (included)

UNIRAP™
Standard Cable Ties

Type CT



UL62275
 Type 2 & 21

General purpose nylon 6/6 standard cable ties feature light weight, high strength and are halogen free so does not release dangerous gases such as chlorine, bromine, fluorine, or iodine when burned. Nylon 6/6 is hygroscopic and therefore absorbs or releases moisture depending on its environment. UV Black and UV Black (Mil. Spec.) are 2% Carbon UV Stabilized.



Std Pkg Catalog Number	Color	Max. Bundle Dia. In. [mm]	L		W		Bulk Pkg Catalog Number	UL Type	Plenum Rated
			in [mm]	in [mm]	in [mm]	in [mm]			
Nylon UNIRAP - 18 Lb. Tensile Strength									
CT18075C	Natural (Mil. Spec.)	0.75 [19.1]	4.10 [104]	0.10 [2.5]	CT18075M	Type 21 AH-2 UL 62275	Y		
CT18075C0	UV Black (Mil. Spec.)							CT18075M0	
CT18075C00	UV Black (Mil. Spec.)							CT18075M00	
CT18125C	Natural	1.25 [31.8]	6.10 [155]		CT18125M				
CT18125C0	UV Black				CT18125M0				
CT18125C3	Orange				-				
CT18125C4	Yellow				-				
CT18200C	Natural	2.00 [50.8]	8.10 [206]		CT18200M				
CT18200C1	Brown				-				
CT18200C2	Red				-				
CT18200C5	Green				-				
CT18200C6	Blue				-				
CT18200C0	UV Black			CT18200M0					
Nylon UNIRAP - 30 Lb. Tensile Strength									
CT30125C	Natural (Mil. Spec.)	1.25 [31.8]	5.75 [146]	0.14 [3.6]	CT30125M	Type 21 AH-2 UL 62275	Y		
CT30125C0	UV Black (Mil. Spec.)				CT30125M0				
CT30125C00	UV Black (Mil. Spec.)				CT30125M00				
Nylon UNIRAP - 40 Lb. Tensile Strength									
CT40200C	Natural	2.00 [50.8]	8.65 [220]	0.14 [3.6]	CT40200M	Type 21 AH-2 UL 62275	Y		
CT40200C0	UV Black				CT40200M0				
CT40200C00	UV Black				CT40200M00				
CT40300C	Natural	3.00 [76.2]	11.10 [282]	0.18 [4.6]	CT40300M				
CT40300C0	UV Black				CT40300M0				
CT40300C00	UV Black				CT40300M00				
CT40400C	Natural	4.00 [101.6]	14.60 [371]	0.18 [4.6]	CT40400M				
CT40400C0	UV Black				CT40400M0				
CT40400C00	UV Black				CT40400M00				

Type CT Standard Cable Ties

Continued

Std Pkg Catalog Number	Color	Max. Bundle Dia. In. [mm]	L	W	Bulk Pkg Catalog Number	UL Type	Plenum Rated
			in [mm]	in [mm]			
Nylon UNIRAP - 50 Lb. Tensile Strength							
CT50175C	Natural (Mil. Spec.)	1.75 [44.5]	7.60 [193]	0.18 [4.6]	CT50175M	Type 21S AH-2 UL 62275	Y
CT50175C0	UV Black (Mil. Spec.)				CT50175M0		
CT50175C1	Brown (Mil. Spec.)				CT50175M02		
CT50175C2	Red (Mil. Spec.)				-		
CT50175C3	Orange (Mil. Spec.)				-		
CT50175C4	Yellow (Mil. Spec.)				-		
CT50175C5	Green (Mil. Spec.)				-		
CT50175C6	Blue (Mil. Spec.)				-		
CT50175C7	Purple (Mil. Spec.)				-		
CT50175C8	Gray (Mil. Spec.)				-		
CT50175C00	UV Black (Mil. Spec.)				CT50175M00		
CT50300C	Natural (Mil. Spec.)	3.00 [76.2]	11.10 [282]	0.18 [4.6]	CT50300M	Type 21S AH-2 UL 62275	Y
CT50300C0	UV Black (Mil. Spec.)				CT50300M0		
CT50300C2	Red (Mil. Spec.)				-		
CT50300C00	UV Black (Mil. Spec.)				CT50300M00		
CT50400C	Natural (Mil. Spec.)	4.00 [101.6]	14.60 [371]	0.18 [4.6]	CT50400M	Type 21S AH-2 UL 62275	Y
CT50400C0	UV Black (Mil. Spec.)				CT50400M0		
CT50400C2	Red (Mil. Spec.)				CT50400M02		
CT50400C3	Orange (Mil. Spec.)				-		
CT50400C00	UV Black (Mil. Spec.)				CT50400M00		
Nylon UNIRAP - 120 Lb. Tensile Strength							
CT120200L	Natural	2.00 [50.8]	9.00 [229]	0.30 [7.6]	CT120200D	Type 21S AH-2 UL 62275	Y
CT120200L0	UV Black (Mil. Spec.)				CT120200D0	Type 21 AH-2 UL 62275	
CT120400L	Natural (Mil. Spec.)	4.00 [101.6]	15.00 [381]	0.30 [7.6]	CT120400D	Type 21S AH-2 UL 62275	
CT120400L0	UV Black (Mil. Spec.)				CT120400D0	Type 21 AH-2 UL 62275	
CT120400L00	UV Black (Mil. Spec.)				CT120400D00		
CT120800L	Natural	8.00 [203.2]	28.51 [724]	0.30 [7.6]	—	—	
CT120800L00	UV Black				—		

Type CT Standard Cable Ties

Continued

Std Pkg Catalog Number	Color	Max. Bundle Dia. In. [mm]	L	W	Bulk Pkg Catalog Number	UL Type	Plenum Rated
			in [mm]	in [mm]			
Nylon UNIRAP - 175 Lb. Tensile Strength							
CT175500Q	Natural	5.50 [139.7]	18.10 [460]	0.34 [8.6]	—	Type 21 UL 62275	Y
CT175500Q0	UV Black				—		
CT175600Q	Natural (Mil. Spec.)	7.00 [177.8]	24.51 [622]	0.35 [8.9]	—	Type 21 AH-2 UL 62275	
CT175600Q0	UV Black (Mil. Spec.)				—		
CT175800Q0	UV Black	8.90 [222.1]	32.67 [830]	0.35 [8.9]	—	—	N
CT175900Q	Natural	8.75 [222.0]	36.50 [927]	0.34 [8.6]	—	Type 21 AH-2 UL 62275	Y
CT175900Q00	UV Black (Mil. Spec.)				—		
CT1751100Q	Natural (Mil. Spec.)	11.00 [279.4]			—		
CT1751100Q0	UV Black (Mil. Spec.)				—		
CT1751400Q0	UV Black	15.00 [381.0]	48.00 [1219]	0.35 [8.9]	—	—	N
CT1751500Q	Natural		48.50 [1232]	0.34 [8.6]	—		
Nylon UNIRAP - 250 Lb. Tensile Strength							
CT250600Q	Natural	6.00 [152.4]	23.00 [584]	0.35 [8.9]	—	Type 21 UL 62275	N
CT250600Q0	UV Black				—		
CT250800Q	Natural	8.00 [203.2]	28.74 [730]	0.35 [8.9]	—		
CT250800Q0	UV Black		28.50 [724]		—		
CT2501000Q	Natural	10.00 [254.0]	34.64 [880]	0.50 [12.7]	—		



BURNDY® UNIRAP™ Cable Management Products

Offering a variety of:

- *Material*
- *Designs*
- *Lengths*
- *Special Features*

UNIRAP™ Nylon 12 Cable Ties

Type CTNT

Nylon 12 cable ties provide excellent UV, chemical and moisture resistance. The ties feature inside serrations and a bent tail for quick and easy installation. Manufactured from polyamide 12, the ties also have a smooth edge to prevent bundle damage. The hygroscopic property of Nylon 12 make them especially suitable in high moisture, corrosive (zinc chloride and dilute acids) environments or where low temperatures are a factor. Suitable for both indoor and outdoor applications.



Std Pkg Catalog Number	Color	Max. Bundle Dia. In. [mm]	Length	Width	Installation Tooling	Bulk Pkg Catalog Number
			in [mm]	in [mm]	Tool	
Nylon 12 UNIRAP - 50 Lb. Tensile Strength						
CTNT50200C0	UV Black	2.00 [50]	7.50 [190]	0.19 [4.8]	MK9 CTT50	CTNT50200D0
CTNT50275C0	UV Black	2.75 [70]	11.00 [280]			CTNT50275D0
CTNT50350C0	UV Black	3.50 [90]	13.78 [350]			CTNT50350D0
CTNT50400C0	UV Black	4.00 [102]	15.00 [380]			CTNT50400D0
CTNT50500C0	UV Black	5.12 [130]	18.10 [460]			CTNT50500D0
CTNT50575C0	UV Black	5.90 [150]	19.69 [500]			CTNT50575D0
CTNT50650C0	UV Black	6.70 [170]	23.62 [600]			CTNT50650D0
CTNT50725C0	UV Black	7.30 [185]	25.60 [650]			CTNT50725D0
CTNT50750C0	UV Black	7.50 [190]	27.60 [700]			CTNT50750D0

UNIRAP™ TEFZEL® Cable Ties

Type CTZ

Distinctive aqua blue color with low smoke density and excellent flammability rating (UL 94V-0). Curved tip for ease of installation indoors or outdoors. Tolerates extreme high and low temperatures.

TEFZEL® is a Registered trademark of E.I. du Pont de Nemours and Company

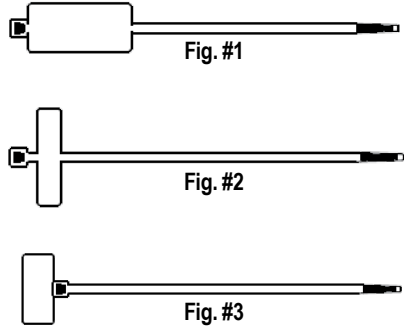


Operating Temperature:
Min: -112F (-80°C)
Max: 338°F (170°C)

Catalog Number	Tensile Strength	Bundle Diameter	Length
CTZ18075C6	18 lb	.87"	4.00"
CTZ18125C6		1.39"	6.25"
CTZ30200C6	30 lb	2.00"	4.00"
CTZ50175C6	50 lb	1.75"	7.75"
CTZ50300C6		3.00"	11.00"
CTZ50400C6		4.00"	14.50"
CTZ100300C6	100 lb	3.00"	11.00"
CTZ100400C6		4.00"	14.50"

UNIRAP™
Identification Cable Ties
Type CT-ID

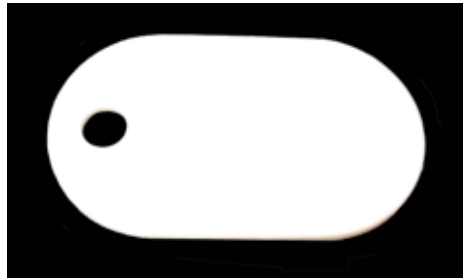
Natural Nylon 6/6 Identification cable ties are used in both bundling and identifying the wire groups at the same time. Same material, features and benefits as the nylon 6/6 standard cable ties.



Catalog Number	Fig	Marking Pad Size Inches	Max Bundle Diameter Inches [mm]	Min Tensile Strength (lbs)	Length Inches [mm]	Width Inches [mm]
CT18075FLC	3	.36 X .81	0.75 [19]	18	4.10 [104]	0.10 [2.5]
CT18075IDC	2	.33 X 1.00	0.75 [19]	18	4.01 [102]	0.10 [2.5]
CT18200IDC	2	.33 X 1.00	2.09 [53]	18	7.72 [196]	0.10 [2.5]
CT50175IDC	1	.51 X 1.09	1.75 [44]	50	7.48 [190]	0.18 [4.6]
CT50250IDC	1	.51 X 1.09	2.95 [75]	50	10.60 [269]	0.19 [4.8]

94V-0 Rated Plastic Tag
Type 145PTAG

Designed originally for the telecom market, this tag is applicable anywhere the need to mark tags in the field exists. Typically secured to cabling using a multi-ply cord or cable tie, or waxed cord. The tags may be written on in most inks or using a permanent marker. Durable, non-flammable 94V-0 rated.



Dimensions: 1" x 1-3/4"
 Catalog Number: **145PTAG**

UNIRAP™
Push Mount Cable Ties
Type CT-PM

Push mount cable ties attach a cable bundle to other surfaces through a predrilled hole. One piece design provides extra stability, reliability and consistent performance. Nylon 6/6.



Std Pkg Catalog Number	Color	Max Bundle Diameter In. [mm]	Min Tensile Strength (lb)	Length Inches [mm]	Width Inches [mm]
CT50175PMC	Natural	1.75 [44.5]	50	8.50 [216]	0.18 [4.6]
CT50175PMC0	UV Black				

UNIRAP™ Mounting Hole Cable Ties Type CT-MH

Push mount cable ties attach a cable bundle to other surfaces through a predrilled hole. One piece design provides extra stability, reliability and consistent performance. Nylon 6/6.



Std Pkg Catalog Number	Color	Screw Size	Max Bundle Dia. In. [mm]	Min Tensile Strength (lbs)	L In [mm]	W In [mm]	Bulk Catalog Number
CT18075MH4C	Natural	#4	0.75 [19.1]	18	3.93 [100]	0.10 [3.0]	CT18075MH4M
CT30125MH8C	Natural	#8	1.25 [31.8]	30	6.80 [173]	0.14 [4.0]	CT30125MH8M
CT30125MH8M0*	UV Black						—
CT50175MH10C	Natural	#10	1.75 [44.5]	50	8.10 [206]	0.18 [5.0]	CT50175MH10M
CT50175MH10C0	UV Black						CT50175MH10M0
CT50400MH10C	Natural	#10	4.00 [101.6]	50	15.10 [384]	0.18 [5.0]	—
CT50400MH10C0	UV Black						CT50400MH10M0
CT120400MH14L	Natural	1/4"	4.00 [101.6]	120	15.70 [399]	0.30 [8.0]	CT120400MH14D
CT120400MH14L0	UV Black						CT120400MH14D0

*Only available in Bulk Package of 1000 pieces.

UNIRAP™ Releasable Cable Ties Type CT-R

Perfect for prototype construction, releasable ties are ideal for temporary installations. Releasable ties are good for applications where service requires adding or subtracting wires from an existing bundle. Nylon 6/6.



Catalog Number	Color	Max Bundle Diameter In. [mm]	Min Tensile Strength (lbs)	Length Inches [mm]	Width Inches [mm]
CT50175RC	Natural	2.13 [54.1]	50	8.00 [198]	0.19 [4]
CT50175RC0	UV Black				
CT50137RC	Natural	1.40 [35.6]	50	6.00 [151]	
CT50400RC	Natural	4.00 [101.6]	50	15.20 [387]	
CT50400RC0	UV Black				
CT250200RQ	Natural	2.52 [64.0]	250	9.50 [241]	0.49 [12.4]
CT250200RQ0	UV Black				
CT250500RQ	Natural	5.00 [127.0]	250	20.00 [509]	
CT250500RQ0	UV Black				
CT250600RQ	Natural	6.00 [152.4]	250	24.30 [618]	
CT250600RQ0	UV Black				
CT250800RQ	Natural	8.00 [203.2]	250	28.50 [724]	
CT250800RQ0	UV Black				
CT2501000RQ	Natural	9.76 [248.0]	250	32.60 [830]	

UNIRAP™
Cable Tie Variety Canisters
Type CTASST

There are times when a variety of lengths and color would be helpful. The Type CTASST cable tie variety canisters are perfect when your needs change.



Catalog Number	Contains					
	Qty	Color	Max Bundle Diameter	Tensile Strength (lbs)	Length Inches [mm]	Width Inches [mm]
CTASST	100	Natural	0.75 [19.1]	18	3.94 [100]	0.10 [2.5]
	100	UV Black				
	200	Natural	1.75 [44.5]	50	7.99 [203]	0.13 [3.2]
	100	UV Black				
	50	Natural	3.00 [76.2]	50	11.02 [280]	0.19 [4.8]
	50	UV Black				

VELCRO®
Hook and Loop Straps
Type TFV-B

Flexible and reusable, hook and loop straps are a unique self-gripping fastening system. 25 straps are conveniently packaged in each polybag.



Catalog Number	Product Description	Max Bundle Diameter [mm]	L [mm]	W [mm]
TFV3B12V2	VELCRO® hook and loop strap, 3/4" x 12", Black, 25pk	3.00 [76.2]	12.00 [305]	0.50 [27]
TFV3B18V2	VELCRO® hook and loop strap, 3/4" x 18", Black, 25pk	5.00 [127.0]	18.00 [457]	
TFV3B6V2	VELCRO® hook and loop strap, 3/4" x 6", Black, 25pk	1.00 [25.4]	6.00 [152]	
TFV3BLU12	VELCRO® hook and loop strap, 3/4" x 12", Royal Blue, 25pk	3.00 [76.2]	12.00 [305]	
TFV3BLU18	VELCRO® hook and loop strap, 3/4" x 18", Royal Blue, 25pk	5.00 [127.0]	18.00 [457]	

WIREMIKE™
Stainless Steel Wire Micrometer

Strong, durable, high quality WIREMIKE™ allows for use as both caliper and ruler. Most formats measure I.D. and O.D. of tubing, thin-wall and rigid conduit including IPS, ACSR, stranded and solid commercial cables.

Variations include:

- WIREMIKE** Stainless Steel with inch/fraction markings
- WIREMIKECI** Stainless Steel, no ruler capabilities, may be used for reference on specific completed crimps
- WIREMIKED** Stainless Steel, decimal markings (no fractions)
- RK1942** Same as WIREMIKE (inch/fraction markings); suitable for hanging; sold in multiples of 10 only.



Shown: **WIREMIKE**

UNIRAP™ Standard Cable Tie Mounting Bases

Type CTB

Nylon 6/6 mounting bases suited for many applications. Mounting bases used in conjunction with cable ties to stabilize and secure wire bundles, both indoors and outdoors.



Catalog Number	Mounting Method	Color	Min Tensile Strength (lbs)	Max Tie Slot Width	W In	L In
CTB075SF1C	#6 or #8 Screw	Natural	11	0.17	0.75	0.75
CTB075SF1M		Natural	11	0.17	0.75	0.75
CTB075AAF1C	Acrylic Adhesive / #6 or #8 Screw	Natural	11	0.17	0.75	0.75
CTB075AAF1C0		UV Black	11	0.17	0.75	0.75
CTB075AAF1M		Natural	11	0.17	0.75	0.75
CTB075RAF1C	Rubber Adhesive / #6 or #8 Screw	Natural	11	0.17	0.75	0.75
CTB075RAF1C0		UV Black	11	0.17	0.75	0.75
CTB075RAF1C		Natural	11	0.17	0.75	0.75
CTB100RAF2C	Rubber Adhesive / #10 Screw	Natural	35	0.22	1.00	1.00
CTB100RAF2C0		UV Black	35	0.22	1.00	1.00
CTB100RAF2D		Natural	35	0.22	1.00	1.00
CTB150AAF3C	Acrylic Adhesive / #10 Screw	Natural	50	0.53	1.50	1.50
CTB150AAF3D		Natural	50	0.53	1.50	1.50
CTB150RAF3C0	Acrylic Adhesive / #10 Screw	UV Black	50	0.53	1.50	1.50
CTB150SF3C	#10 Screw	Natural	50	0.53	1.50	1.50
CTB150RA4C	Rubber Adhesive / #10 Screw	Natural	50	0.53	1.50	1.50
CTB075S4C	#4 Screw	Natural	9	0.20	0.75	0.75
CTB075S4M		Natural	9	0.20	0.75	0.75
CTB075AA4C	Acrylic Adhesive / #4 Screw	Natural	9	0.20	0.75	0.75
CTB075AA4C0		UV Black	9	0.20	0.75	0.75
CTB075RA4M	Rubber Adhesive / #4 Screw	Natural	9	0.20	0.75	0.75
CTB125S4C	#6 Screw	Natural	11	0.20	1.00	1.00
CTB125S4C0		UV Black	11	0.20	1.00	1.00
CTB125AA4C	Acrylic Adhesive / #6 Screw	Natural	11	0.20	1.00	1.00
CTB125AA4C0		UV Black	11	0.20	1.00	1.00
CTB125RA4C	Rubber Adhesive / #6 Screw	Natural	11	0.20	1.00	1.00
CTB125RA4C0	Rubber Adhesive / #6 Screw	UV Black	11	0.20	1.00	1.00
CTB125RA4D		Natural	11	0.20	1.00	1.00
CTB125S2C	#6 Screw	Natural	11	0.20	1.00	1.00
CTB125RA2C	Rubber Adhesive / #6 Screw	Natural	11	0.20	1.00	1.00
CTB125RA2C0		UV Black	11	0.20	1.00	1.00
CTB125RA4L		Natural	11	0.20	1.00	1.00

UNIRAP™
Cable Hangers

Type CH

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. Nylon 6/6, available in Natural or UV Black.



Catalog Number	Mounting Screw	Color	Max Bundle In [mm]	Width Inches [mm]	Mount Hole to Center In [mm]	Bulk Catalog Number
CH2C	#6 - #8 Screw	Natural	0.12 [3.1]	0.38 [9.7]	0.33	CH2M
CH3C	#10 Screw	Natural	0.19 [4.8]		0.43	CH3M
CH3C0	#10 Screw	UV Black				—
CH4C	#10 Screw	Natural	0.25 [6.4]		0.41	CH4M
CH4C0	#10 Screw	UV Black				CH4M0
CH5C	#10 Screw	Natural	0.31 [7.9]		0.50	CH5M
CH5C0	#10 Screw	UV Black				—
CH6C	#10 Screw	Natural	0.38 [9.7]		0.60	CH6M
CH6C0	#10 Screw	UV Black				CH6M0
CH8C	#10 Screw	Natural	0.50 [12.7]		0.61	CH8M
CH8C0	#10 Screw	UV Black		—		
CH11C	#10 Screw	Natural	0.62 [15.8]	0.50 [12.7]	0.66	CH11M
CH12C	#10 Screw	Natural	0.75 [19.1]		0.78	CH12M
CH12C0	#10 Screw	UV Black				CH12M0
CH16C	#10 Screw	Natural	1.00 [25.4]		0.91	CH16M
CH18C	#10 Screw	Natural	1.12 [28.5]		0.97	CH18M
CH24L	#10 Screw	Natural	1.50 [38.1]		1.19	CH24C
CH24C0	#10 Screw	UV Black				—

Split Loom Tubing

Type LOOM

Split loom is for applications where braided tubing or spiral wrap may be difficult to install. Tubing provides full coverage. In harsh applications, the tubing provides resistance to crushing, impact, and abrasion. Tubing offers excellent protection against automotive fluids, vibration wear, water, snow, ice and the effects of heat, cold, and sunlight on cables and wires. Polyethylene tubing, 40°F to 199°F (-40°C to 93°C) operating temperature. Corrugated both inner and outer. Black only.



Catalog Number	Product Description
LOOM75	3/4 inch diameter x 328 feet
LOOM100	1 inch diameter x 164 feet
LOOM150	1-1/2 inch diameter x 164 feet
LOOM200	2 inch diameter x 82 feet

WILEY Bundle Strap

Bundle Strap Solutions

Type WBS

Made of corrosion resistant 304 stainless steel the WILEY bundle strap is a long lasting, durable and reliable solution in all environments. The vinyl jacket covering the stainless steel wire is designed to help protect cable insulation from damage. Easy to install the bundle strap can be crimped in the field with pliers or standard wire cutters. UL62275 Listed.

Catalog Number	Material	Length In [mm]	Min Tensile Strength Lbs.	Max Bundle Dia In [mm]
WBS8V	Vinyl Insulated 304 SS Wire	8" [203.2]	100 lbs	2.30" [58.4]
WBS10V		10" [254.0]		2.92" [74.2]
WBS12V		12" [304.8]		3.88" [98.5]
WBS14V		14" [356.0]		4.20" [106.7]
WBS20V		20" [508.0]		6.36" [161.5]



Bundle Strap using Mounting Hole



Bundle Strap used around Mounting Rail



ACC-FBC Mounting Platform for use with WBS or UNIRAP™ Cable Ties.

The ACC-FBC mounts directly to the module frame or any flat flange.



ACC-FBC Mounting Platform allows for parallel or perpendicular orientation of the UNIRAP™ Cable Tie or Wiley Bundle Strap. UL 1565 Listed

Catalog Number	Frame Thickness	Length Inches [mm]	Width Inches [mm]	Height Inches [mm]	Max. Cable Tie Width Accommodated Inches [mm]
ACC-FBC	1.3mm to 2.5mm	0.55" [14]	0.48" [12.2]	0.27" [7]	0.31" [8]

WILEY Coated P-Clips

Type WIPC

WILEY Coated P-Clips are vinyl insulated steel P-Clips designed to protect cables from vibration and insulation damage. The WIPC clips easily install into a mounting hole with 1/4" hardware. Indoor/Outdoor Rated and UV Resistant.



Catalog Number	Width Inch [mm]	Mounting Hole	Max Bundle Dia Inch [mm]	Working Temperature	Material
WIPC14-14	0.50 [13.0]	17/64" for 1/4" screw or bolt	0.25 [6.3]	-40°C to 85°C	UV resistant vinyl coated zinc plated steel
WIPC14-12			0.50 [12.7]		
WIPC14-34			0.75 [19.0]		
WIPC14-1			1.00 [25.4]		
WIPC14-112			1.50 [38.0]		
WIPC14-2			2.00 [50.8]		
WIPC14-3			3.00 [76.2]		

WILEY Coated Bundle Strap

Type WIS

WILEY Coated Bundle Straps provide a durable long lasting solution for protecting wires and cables. These straps are a reusable alternative to a standard cable tie. Perfect for general wire fastening applications such as holding hydraulic hoses, wire harnesses, cable or other equipment. Indoor/Outdoor Rated and UV resistant. UL62275 Listed.



Catalog Number	Length Inch [mm]	Width Inch [mm]	Max Bundle Dia Inch [mm]	Tensile Strength	Working Temperature	Material
WIS8-2	7.87 [200]	0.24 [6]	2.00 [50.8]	50 lbs	-40°C to 85°C	UV resistant vinyl and polyester coated steel
WIS12-3	11.80 [300]		3.00 [76.2]			

Ask about our other wire management products.



TYPES YAV-L BOX, YAV-L HYLUG™ Terminals

Large Size Uninsulated Compression
Terminals, Seamless Uninsulated
Compression Ring Tongue Terminal
8-4/0 Str. Copper



HYLUG™ Type YAV is a seamless, heavy duty un-insulated 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 Size	Stud Size	Bulk Catalog Number	Installation Tooling HYTOOL™
YAV8C-L1BOX	8 AWG	1/4	YAV8C-L1*	Non-Ratchet: MY29-11; Ratchet: MR4C, MR8-9Q, Y8MRB-1, M8ND with N8CT Die Set
YAV8C-L4BOX	8 AWG	1/2	YAV8C-L4*	
YAV6C-L1BOX	6 AWG	8 - 10	YAV6C-L1*	Non-Ratchet: MY28, MY29-11; Ratchet: MR4C
YAV6C-L10BOX	6 AWG	1/2	YAV6C-L10	
YAV2C-L1BOX	2 AWG	1/4	YAV2C-L1 *	Non-Ratchet: MY28, MY29-11
YAV2C-L4BOX	2 AWG	1/2	YAV2C-L4	
YAV1C-L1BOX	1 AWG	1/4	YAV1C-L1*	
YAV1C-L3BOX	1 AWG	1/2	YAV1C-L3	
YAV25-L1BOX	1/0	1/4	YAV25-L1	
YAV25-L3BOX	1/0	1/2	YAV25-L3*	
YAV26-L1BOX	2/0	1/4	YAV26-L1	
YAV26-L2BOX	2/0	5/16	YAV26-L2	
YAV26-L3BOX	2/0	1/2	YAV26-L3*	
YAV26-L12BOX	2/0	5/8	YAV26-L12	
YAV28-L12BOX	4/0	1/2	YAV28-L12	

* Available in (90°) right angle design. Suffix "RS" replaces suffix "L"

Add "NK" suffix for nickel plating for high temperature applications up to 650°F continuous service and 750°F intermittent service. All dimensions shown are for reference only.

**TYPES T, YAD
HYLUG™ Terminals**



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.



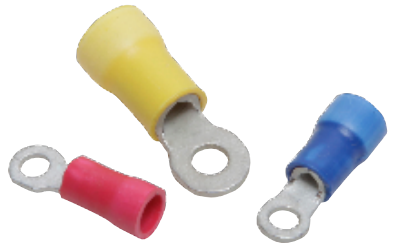
Catalog Number	Wire Range	Stud Size	Bulk Catalog Number	Installation Tooling
T18-4	22 - 18	3,4	YAD18-4	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8G98, Y8MRB-1, MR20 MRE1022B
T18-6		4-6	YAD18-6	
T18-8		6-8	YAD18-8	
T18-10		8-10	YAD18-10	
T18-14		1/4	YAD18-14	
T18-516		5/16	YAD18-516	
T18-38	3/8	YAD18-38		
T14-4	20 - 14	3,4	YAD14-4	
T14-6		4-6	YAD14-6	
T14-8		6-8	YAD14-8	
T14-10		8-10	YAD14-10	
T14-14		1/4	YAD14-14	
T14-516		5/16	YAD14-516	
T14-38	3/8	YAD14-38		
T10-6	12 - 10*	4-6	YAD10-6	
T10-8		6-8	YAD10-8	
T10-10		8-10	YAD10-10	
T10-14		1/4	YAD10-14	
T10-516		5/16	YAD10-516	
T10-38		3/8	YAD10-38	

* NOTE: UL Listed for 14-10 when installed with MR8G98 and Y8MRB-1 tools only.

**TYPES TP, BA
VINYLUG™**



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.

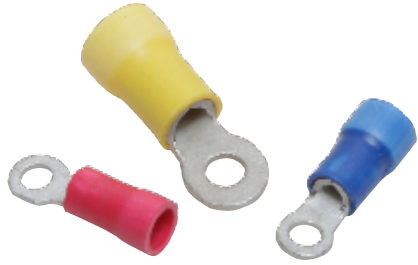


Catalog Number	Wire Range	Stud Size	Bulk Catalog Number	Installation Tooling	
TP16-4	22 - 16 Max. Insul. Dia. Accom.: .145 Color Code: Red	3 - 4	BA16E4	Non-Ratchet: Y10-22 Ratchet: MR8-89-1, MR8-G96, MR15, MRE1022NV	
TP16-6		4 - 6	BA16E6		
TP16-8		6 - 8	BA16E8		
TP16-10		8 - 10	BA16E10		
TP16-14		1/4	BA16E14		
TP16-38		3/8	BA16E38		
TP14-4	16-14 Max. Insul. Dia. Accom.: .180 Color Code: Blue	3 - 4	BA14E4		
TP14-6		4 - 6	BA14E6		
TP14-8		6 - 8	BA14E8		
TP14-10		8 - 10	BA14E10		
TP14-14		1/4	BA14E14		
TP14-516		5/16	BA14E516		
TP14-38	3/8	BA14E38			
TP10-6	12-10 Max. Insul. Dia. Accom.: .260 Color Code: Yellow	4 - 6	BA10E6		Plier Type: Y10D, Y10-22, Ratchet: MR8-89-1, MR8-G96, MR15, MRE1022NV, M8ND w/N10HET-23
TP10-8		6 - 8	BA10E8		
TP10-10		8 - 10	BA10E10		
TP10-14		1/4	BA10E14		
TP10-516		5/16	BA10E516		
TP10-38		3/8	BA10E38		

TYPES TN, YAE, YAES INSULUG™ Terminals



INSULUG™ Type TN Nylon-insulated terminals are designed for heavy duty industrial, utility and military power and control-circuit applications for wire sizes 22 AWG through 10 AWG. They offer high dielectric strength and stability in oily conditions and meet military CLASS 1 and CLASS 2 requirements per AS25036 and the requirements of military specifications SAE-AS7928 (ASG).



Catalog Number	Wire Range	Stud Size	Bulk Catalog Number	Installation Tooling	
TN18-4	22-18 Max. Insul. Dia. Accom.: .120 Color Code: Red	3 - 4	YAES18N48	Non-Ratchet: Y10D, Y1022 Ratchet: MR8-83, MR18, MRE1022NV	
TN18-6		4 - 6	YAES18N1		
TN18-8		6 - 8	YAES18N49		
TN18-10		8 - 10	YAES18N3		
TN18-14		1/4	YAES18N50		
TN18-516		5/16	YAES18N4		
TN18-38		3/8	YAES18N5		
TN14-4		16-14 Max. Insul. Dia. Accom.: .153 Color Code: Blue	3 - 4		YAE14N52
TN14-6			4 - 6		YAES14N6
TN14-8			6 - 8		YAES14N53
TN14-10	8 - 10		YAES14N8		
TN14-14	1/4		YAES14N54		
TN14-516	5/16		YAES14N9		
TN14-38	3/8		YAES14N10		
TN10-6	12-10 Max. Insul. Dia. Accom.: .210 Color Code: Yellow	4 - 6	YAES10N11		
TN10-8		6 - 8	YAES10N56		
TN10-10		8 - 10	YAES10N12		
TN10-14		1/4	YAES10N57		
TN10-516		5/16	YAES10N13		
TN10-38		3/8	YAES10N14		

TYPES T-F, YAD-F INSULUG™ Terminals



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



Catalog Number	Wire Range	Stud Size	Bulk Catalog Number	Installation Tooling
T18-6F	22 - 18	4 - 6	YAD18-6F	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8G98, Y8MRB-1, MR20, MRE1022B
T18-8F		6 - 8	YAD18-8F	
T18-10F		8 - 10	YAD18-10F	
T18-14F		1/4	YAD18-14F	
T14-6F	20 - 14	4 - 6	YAD14-6F	
T14-8F		6 - 8	YAD14-8F	
T14-10F		8 - 10	YAD14-10F	
T14-14F		1/4	YAD14-14F	
T10-6F	14 - 10 (Str.) 12 - 10 (Sol.)	4 - 6	YAD10-6F	
T10-8F		6 - 8	YAD10-8F	
T10-10F		8 - 10	YAD10-10F	
T10-14F		1/4	YAD10-14F	

TYPES TP-F, BA-EF
VINYLUG™ Terminal



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

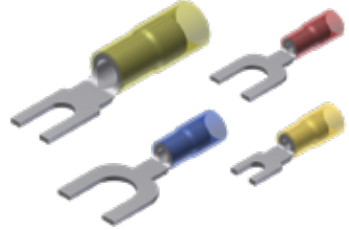


Catalog Number	Wire Range	Stud Size	Bulk Catalog Number	Installation Tooling
TP16-2F	22 - 16 Max. Insul. Dia. Accom.: .145 Color Code: Red	1 - 2	BA16EF2	Non-Ratchet: Y10-22 Ratchet: MR8-89-1 MRE1022NV
TP16-6F		4 - 6	BA16EF6	
TP16-8F		6 - 8	BA16EF8	
TP16-10F		8 - 10	BA16EF10	
TP14-2F	16 - 14 Max. Insul. Dia. Accom.: .180 Color Code: Blue	1 - 2	BA14EF2	
TP14-6F		3 - 6	BA14EF6	
TP14-8F		6 - 8	BA14EF8	
TP14-10F		8 - 10	BA14EF10	
TP10-6F	12 - 10 Max. Insul. Dia. Accom.: .260 Color Code: Yellow	3 - 6	BA10EF6	Ratchet: MR15, M8ND w/N10ET-23, MRE1022NV
TP10-8F		6 - 8	BA10EF8	
TP10-10F		8 - 10	BA10EF10	

TYPES TN-F, YAE-F, YAES-F
INSULUG™ Terminal



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.



Catalog Number	Wire Range	Stud Size	Bulk Catalog Number	Installation Tooling
TN20-2F*	26 - 20 Max. Insul. Dia. Accom.: .098 Color Code: Amber	1 - 2	YAE22N65F*	M8ND with N14HET-25V1 Die Set
TN20-6F*		4 - 6	YAE22N66F*	
TN18-6F	22 - 18 Max. Insul. Dia. Accom.: .120 Color Code: Red	4 - 6	YAES18N1F	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8-83, MR18, MRE1022NV
TN18-8F		6 - 8	YAES18N49F	
TN18-10F		8 - 10	YAES18N3F	
TN18-14F		1/4	YAES18N50F	
TN14-6F	16 - 14 Max. Insul. Dia. Accom.: .153 Color Code: Blue	4 - 6	YAES14N6F	
TN14-8F		6 - 8	YAES14N53F	
TN14-10F		8 - 10	YAES14N8F	
TN14-14F		1/4	YAES14N54F	
TN10-6F	12 - 10 Max. Insul. Dia. Accom.: .209 Color Code: Yellow	4 - 6	YAES10N11F	
TN10-8F		6 - 8	YAES10N56F	
TN10-10F		8 - 10	YAES10N12F	
TN10-14F		1/4	YAES10N57F	

* Not UL Listed.

TYPES TP-Z, BA-EZ VINYLUG™ Terminals



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

Catalog Number	Wire Range	Stud Size	Bulk Catalog Number	Installation Tooling
TP16-2Z	22 - 16 Max. Insul. Dia. Accom.: .145 Color Code: Red	1 - 2	BA16EZ2	Non-Ratchet: Y10-22
TP16-6Z		4 - 6	BA16EZ6	
TP16-8Z		6 - 8	BA16EZ8	
TP16-10Z		8 - 10	BA16EZ10	
TP14-6Z	16 - 14 Max. Insul. Dia. Accom.: .145 Color Code: Red	4 - 6	BA14EZ6	Ratchet: MR8-89-1 MRE1022NV
TP14-8Z		6 - 8	BA14EZ8	
TP14-10Z		8 - 10	BA14EZ10	
TP10-6Z	12 - 10 Max. Insul. Dia. Accom.: .260 Color Code: Yellow	4 - 6	BA10EZ6	Ratchet: MR15, M8ND w/N10ET-23, MRE1022NV
TP10-8Z		6 - 8	BA10EZ8	
TP10-10Z		8 - 10	BA10EZ10	

TYPES YAE-Z BOX, YAE-Z INSULUG™ Terminals



INSULUG™ Type YAE-Z employs a flanged fork tongue for faster installation while maintaining security if supporting screw becomes loose.

Catalog Number	Wire Range	Stud Size	Bulk Catalog Number	Installation Tooling
YAE22Z1BOX	26 - 20 Max. Insul. Dia. Accom.: .098 Color Code: Amber	1 - 2	YAE22Z1	Y10D, Y10-22 MRE1022NV, MR8-33T-1, M8ND with one of following Dies N14HET-15, N14HET-25V1, N10ET-9, N10ET-23
YAE22Z2BOX		4 - 6	YAE22Z2	
YAE22Z3BOX		6 - 8	YAE22Z3	
YAE18Z1BOX	22 - 16 Max. Insul. Dia. Accom.: .125 Color Code: Red	1 - 2	YAE18Z1	
YAE18Z2BOX		4 - 6	YAE18Z2	
YAE18Z3BOX		6 - 8	YAE18Z3	
YAE18Z4BOX		8 - 10	YAE18Z4	
YAE14Z2BOX	16 - 14 Max. Insul. Dia. Accom.: .156 Color Code: Blue	4 - 6	YAE14Z2	
YAE14Z3BOX		6 - 8	YAE14Z3	
YAE14Z4BOX		8 - 10	YAE14Z4	
YAE12Z2BOX	14 - 12 Max. Insul. Dia. Accom.: .180 Color Code: Green	4 - 6	YAE12Z2	MRE1022NV, MR33T-1, M8ND with N12HET-1 or Y10D, Y10-22
YAE12Z3BOX		6 - 8	YAE12Z3	
YAE12Z4BOX		8 - 10	YAE12Z4	

TYPES YSV, YSV-L
HYLINK™ Splices
 600 Volt Maximum

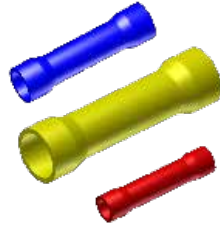


HYLINK™ Type YSV seamless splice connector is used to splice stranded and solid copper conductors in virtually all heavy duty industrial and general purpose applications.

Catalog Number	Wire Range Code AWG Str. and Sol. Aircraft-AN	Bulk Catalog Number	Installation Tooling HYTOOL™
YSV18BOX	22 - 18 str. & sol.	YSV18	Non-Ratchet: Y10D, Y10-22 Ratchet: MRE1022B, MR20, Y8MRB-1, MR8-9Q*
YSV14BOX	20 - 14 str. 20 - 12 sol.	YSV14	
YSV10BOX	12 - 10 str. & sol.	YSV10	
YSV8C-LBOX	8 str.	YSV8C-L	Non-Ratchet: MY28, MY29-3, MY29-11 Ratchet: Y8MRB-1†, MR8-9Q*, Y1MRTC ▲

*Remove stop plate.
 † Use #10 groove.
 ▲ For 8 str. only.

TYPES SP, BS
VINYLINK™ Splice
 600 Volts



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.

Catalog Number	Wire Range	Color Code	Bulk Catalog Number	Installation Tooling
SP16	22 - 16	Red	BS16	Non-Ratchet: Y10-22, Y10D Ratchet: MRE1022NV, MR8-89-1, MR15, MR8G-98
SP14	16 - 14	Blue	BS14	
SP10	12 - 10	Yellow	BS10	

TYPES SN, YSE-H
INSULINK™ Splice
 600 Volt, 105° C



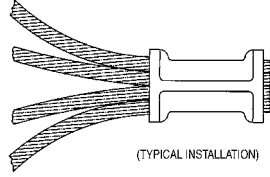
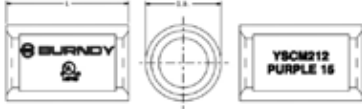
The Type SN INSULINK™ is a high quality nylon-insulated butt splice designed to meet heavy duty application requirements. Meets the functional requirements of MIL-T-7928 (ASG) and conforms to the requirements of NAS1388.

Catalog Number	Wire Range	Color Code	Bulk Catalog Number	Installation Tooling
SN18	22-18	Red	YSE18HN	Non-Ratchet: Y10D Ratchet: MRE1022NV, MR8-85, MR18
SN14	16-14	Blue	YSE14HN	
SN10	12-10	Yellow	YSE10HN	

TYPE YSCM
HYLINK™ Splice
 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 cULus Listed Wire Connectors per UL 486A/B. Additionally, they are cULus Listed for Grounding and Bonding per UL 467 and rated for direct burial in Earth and Concrete.



Catalog Number	Conductor Range Cable‡		Dimensions Inches		Color Code	Die Index	Recommended Installation Tooling	
	Circular Mils		L ±.03	O.D. ±.01			OUR840, Y500CTHS, PAT600 Series	Y35, 750 Series
	Min.	Max.						
YSCM17	13,060	16,910	0.5	0.27	Red	49	X8CRT, W8CRT	U8CRT
YSCM27	16,910	26,890	0.5	0.31	Blue	7	X5CRT, W5CRT	U5CRT
YSCM42	29,970	41,520	0.5	0.38	Gray	8	X4CRT, W4CRT	U4CRT
YSCM66	42,750	66,040	0.62	0.47	Brown	10	X2CRT, W2CRT	U2CRT
YSCM80	67,980	80,020	0.62	0.52	Green	11	X1CRT-1, W1CRT-1	U1CRT-1
YSCM104	82,870	103,630	0.69	0.57	Pink	12	X25RT, W25RT	U25RT
YSCM133	104,960	133,220	0.81	0.64	Black	13	X26RT, W26RT	U26RT
YSCM167	134,340	166,560	0.81	0.7	Orange	14	X27RT, W27RT	U27RT
YSCM212	167,380	211,820	0.88	0.78	Purple	15	X28RT, W28RT	U28RT
YSCM231	230,800	230,800	1.05	0.8	Yellow	16	X29RT, W29RT*	U29RT

Notes:
 Material: Copper per ASTM B75.
 Finish: Tin plated. For nickel plating, add suffix "NK" to the Catalog Number.
 ‡ Refer to Circular Mil Table per ASTM B8 for total Class B Circular Mil calculations.
 * YSCM231 can also be installed with MY29-3 and retain Listings.

Add the circular mils of the wires you wish to splice; that sum would be used to determine the correct splice using the Min/Max columns on the table above.

The tables are for reference only.

Size		ASTM Strandings	
Circular Mils	AWG	Class	Cable Diameter (in)
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
52,630	3	B & A	0.260

Size		ASTM Strandings	
Circular Mils	AWG	Class	Cable Diameter (in)
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

TYPE YSM
HYLINK™ Splice

Uninsulated Parallel Splice



HYLINK™ Type YSM seamless parallel splice connector permits wires to be laid parallel inside the connector and spliced together using the BURNDY family of HYTOOL™ installation tooling. 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	Dim. L	Installation Tooling		Wire Strip Length
			Ratchet	Mechanical HYTOOL™	
YSM18	300 - 1,909	0.25	MR8-9Q* Y14MRQ Y8MRB-1	—	5/16
YSM14	477 - 4,107	0.25			5/16
YSM10	4,107 - 10,380	0.36	MR8-9Q* MR4CQ Y10MRQ Y8MRB-1	—	7/16
YSM8C	6,088 - 16,864	0.41	Y2MR MR4CQ MR8-9Q*	MY29-11 or MY28 (1) Crimp	1/2
YSM6C	10,380 - 26,813	0.44	Y2MR MR4CQ		1/2
YSM4C	26,813 - 42,613	0.50	—		9/16
YSM2C	42,613 - 66,832	0.62	Y2MR		11/16
YSM1C	66,832 - 81,807	0.62	—		11/16
YSM25	81,807 - 104,110	0.69	—		3/4
YSM26	104,110 - 133,650	0.81	—		7/8
YSM27	133,650 - 167,332	0.81	—		7/8
YSM28	167,332 - 211,954	0.88	—		5/16

* Remove stop plate.

TYPE Q-F
FINGRIP™ Terminal

Uninsulated Female Quick Disconnect Terminal

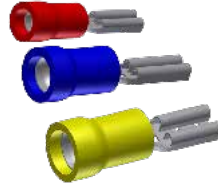


Chamfered barrel opening assures quick and easy wire insertion. Dimpled female socket and male tab detent ensure firm grip.

Catalog Number	Wire Range	NEMA Tab Size	Hand Tool	Wire Strip Length
Q18F18X02D	22 - 18	.187 X .020	Y10D, MRE1022B, MR20	9/32"
Q18F25X03D		.250 X .032		9/32"
Q14F18X02D	16 - 14	.187 X .020		9/32"
Q14F25X03D		.250 X .032		3/8"
Q10F25X03D	12 - 10	.250 X .032		

TYPE QP-F FINGRIP™ Terminal

Vinyl Insulated Female
Quick Disconnect Terminal



Easy entry shroud has smooth funnel which assures no hang up wire insertion. Color coded for quick and easy identification. Two piece construction.

Catalog Number	Wire Range	NEMA Tab Size	Hand Tool	Sleeve Color	Wire Strip Length
QP18F11X02D	22 - 16	.110 X .020	Y10D, MRE1022NV	Red	3/8"
QP18F18X02D		.187 X .020			
QP18F25X03D		.250 X .032			
QP14F11X02D	16 - 14	.110 X .020		Blue	3/8"
QP14F18X02D		.187 X .020			
QP14F25X03D		.250 X .032			
QP10F25X03D	12 - 10	.250 X .032	Yellow	15/32"	

TYPE QN-F FINGRIP™ Terminal

Nylon Insulated Female
Quick Disconnect Terminal

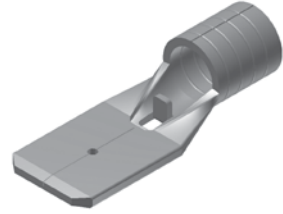
Smooth copper funnel wire entry greatly reduces the possibility of wire stubbing and provides maximum wire support.



Catalog Number	Wire Range	NEMA Tab Size	Hand Tool	Sleeve Color	Wire Strip Length
QN18F18X02D	22 - 16	.187 X .020	Y10D, MRE1022NV	Red	3/8"
QN18F25X03D		.250 X .032			
QN14F18X02D	16 - 14	.187 X .020		Blue	3/8"
QN14F25X03D		.250 X .032			
QN10F25X03D	12 - 10	.250 X .032		Yellow	15/32"

**TYPE Q-M
FINGRIP™ Terminal**

Uninsulated Male
Quick Disconnect Terminal



Chamfered barrel opening assures quick and easy wire insertion. Dimpled female socket and male tab detent ensure firm grip.

Catalog Number	Wire Size	NEMA Tab Size	Hand Tool	Wire Strip Length
Q18M18X02D	22 - 18	.187 X .020	MRE1022B, MR20, Y10D	7/32"
Q18M25X03D		.250 X .032		
Q14M18X02D	16 - 14	.187 X .020		
Q14M25X03D		.250 X .032		

**TYPE QP-M
FINGRIP™ Terminal**

Vinyl Insulated Male
Quick Disconnect Terminal



Easy entry shroud has smooth funnel which assures no hang up wire insertion. Color coded for quick and easy identification. Two piece construction.

Catalog Number	Wire Range	NEMA Tab Size	Hand Tool	Sleeve Color	Wire Strip Length
QP18M18X02D	22 - 18	.187 X .020	MRE1022NV, Y10D	Red	5/16"
QP18M25X03D		.250 X .032			
QP14M18X02D	16 - 14	.187 X .020			
QP14M25X03D		.250 X .032		Blue	

**TYPE QN-M
FINGRIP™ Terminal**

Nylon Insulated Male
Quick Disconnect Terminal



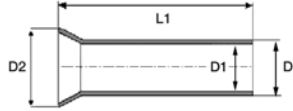
Smooth copper funnel wire entry greatly reduces the possibility of wire stubbing and provides maximum wire support.

Catalog Number	Wire Range	NEMA Tab Size	Hand Tool	Sleeve Color	Wire Strip Length
QN18M18X02D	22 - 18	.187 X .020	MRE1022NV, Y10D	Red	9/32"
QN18M25X03D		.250 X .032			
QN14M18X02D	16 - 14	.187 X .020			
QN14M25X03D		.250 X .032		Blue	

**Bare Ferrules
(Cord End Terminals/Bootlace Ferrules)**

Type YF-UI

Electrical connectors used to terminate stranded wires. 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. RoHS compliant.



Catalog Number	Wire Size		Dimensions in Inches				Recommended Tooling
	AWG	mm ²	L1 Dim (in)	D Dim (in)	D1 Dim (in)	D2 Dim (in)	
YF2807UI	28	0.14	0.28	0.04	0.03	0.06	YF3206TOOL
YF2605UI	26	0.25	0.19	0.04	0.03	0.06	YF3206TOOL
YF2607UI	26	0.25	0.28	0.04	0.03	0.06	
YF2405UI	24	0.34	0.19	0.05	0.03	0.06	
YF2407UI	24	0.34	0.28	0.05	0.03	0.06	
YF2206UI	22	0.50	0.24	0.05	0.04	0.07	
YF2208UI	22	0.50	0.32	0.05	0.04	0.07	YF3206TOOL YF2210TOOL YF2210FL
YF2210UI	22	0.50	0.40	0.05	0.04	0.07	
YF2212UI	22	0.50	0.47	0.05	0.04	0.07	
YF2006UI	20	0.75	0.24	0.06	0.05	0.08	
YF2010UI	20	0.75	0.39	0.06	0.05	0.08	
YF2012UI	20	0.75	0.47	0.06	0.05	0.08	
YF1806UI	18	1.00	0.24	0.07	0.06	0.09	
YF1808UI	18	1.00	0.32	0.07	0.06	0.09	
YF1810UI	18	1.00	0.39	0.07	0.06	0.09	
YF1812UI	18	1.00	0.47	0.07	0.06	0.09	
YF1607UI	16	1.50	0.28	0.08	0.07	0.12	
YF1608UI	16	1.50	0.32	0.08	0.07	0.12	
YF1610UI	16	1.50	0.39	0.08	0.07	0.12	
YF1612UI	16	1.50	0.47	0.08	0.07	0.12	
YF1618UI	16	1.50	0.71	0.08	0.07	0.12	
YF1407UI	14	2.50	0.28	0.10	0.09	0.13	
YF1408UI	14	2.50	0.32	0.10	0.09	0.13	
YF1410UI	14	2.50	0.39	0.10	0.09	0.13	
YF1412UI	14	2.50	0.47	0.10	0.09	0.13	
YF1418UI	14	2.50	0.71	0.10	0.09	0.13	
YF1209UI	12	4.00	0.35	0.13	0.11	0.15	YF3206TOOL YF2210TOOL YF2210FL
YF1212UI	12	4.00	0.47	0.13	0.11	0.15	
YF1215UI	12	4.00	0.59	0.13	0.11	0.15	
YF1218UI	12	4.00	0.71	0.13	0.11	0.15	YF3206TOOL YF2210TOOL YF1006TOOL YF2210FL
YF1010UI	10	6.00	0.39	0.15	0.14	0.19	
YF1012UI	10	6.00	0.47	0.15	0.14	0.19	
YF1015UI	10	6.00	0.59	0.15	0.14	0.19	
YF1018UI	10	6.00	0.71	0.15	0.14	0.19	

Bare Ferrules (Continued)

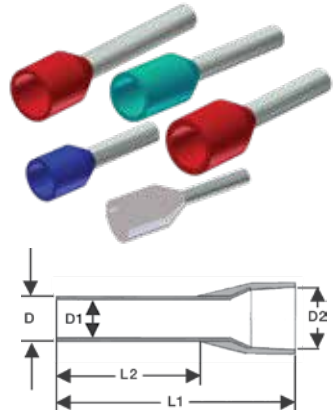


Catalog Number	Wire Size		Dimensions in Inches				Recommended Tooling
	AWG	mm ²	L1 Dim (in)	D Dim (in)	D1 Dim (in)	D2 Dim (in)	
YF0812UI	8	10.00	0.47	0.19	0.18	0.29	YF3206TOOL YF1006TOOL YF0801TOOL
YF0815UI	8	10.00	0.59	0.19	0.18	0.29	
YF0818UI	8	10.00	0.71	0.19	0.18	0.29	
YF0612UI	6	16.00	0.47	0.24	0.23	0.29	
YF0615UI	6	16.00	0.59	0.24	0.23	0.29	
YF0618UI	6	16.00	0.71	0.24	0.23	0.29	
YF0625UI	6	16.00	0.98	0.24	0.23	0.29	
YF0412UI	4	25.00	0.47	0.31	0.29	0.38	YF0801TOOL YF0401TOOL
YF0415UI	4	25.00	0.59	0.31	0.29	0.38	
YF0418UI	4	25.00	0.70	0.31	0.29	0.38	
YF0420UI	4	25.00	0.79	0.31	0.29	0.38	
YF0425UI	4	25.00	0.98	0.31	0.29	0.38	
YF0432UI	4	25.00	1.26	0.31	0.29	0.38	
YF0215UI	2	35.00	0.59	0.34	0.33	0.42	
YF0220UI	2	35.00	0.79	0.34	0.33	0.42	
YF0225UI	2	35.00	0.98	0.34	0.33	0.42	
YF0232UI	2	35.00	1.26	0.34	0.33	0.42	
YF0122UI	1	50.00	0.87	0.43	0.41	0.52	
YF0125UI	1	50.00	0.98	0.43	0.41	0.52	
YF0132UI	1	50.00	1.26	0.43	0.41	0.52	
YF2/022UI	2/0	70.00	0.87	0.56	0.53	0.64	
YF2/025UI	2/0	70.00	0.98	0.56	0.53	0.64	
YF2/032UI	2/0	70.00	1.26	0.56	0.53	0.64	
YF3/025UI	3/0	95.00	0.98	0.61	0.58	0.68	
YF3/030UI	3/0	95.00	1.18	0.61	0.58	0.68	
YF3/032UI	3/0	95.00	1.26	0.61	0.58	0.68	
YF4/032UI	4/0	120.00	1.26	0.70	0.70	0.81	
YF4/034UI	4/0	120.00	1.39	0.70	0.70	0.81	
YF4/040UI	4/0	120.00	1.57	0.70	0.70	0.81	YF4/0250TOOL
YF25032UI	250	150.00	1.26	0.81	0.77	0.91	
YF25040UI	250	150.00	1.57	0.81	0.77	0.91	Y644HSXT
YF35032UI	350	185.00	1.26	0.84	0.79	0.94	
YF35040UI	350	185.00	1.57	0.84	0.80	0.94	

Insulated Ferrules

Type YF-I

Made of electrolytic copper, tin plated. Feature smooth funnel entry making wire insertion easier. Secure contacting even after multiple reconnections. Offer long-term contact resistance with no fraying of strands. No breakage of wire strands when wire is bent, under stress or in vibration environment. RoHS compliant.



W Series	D Series	T Series	Wire Size		Dimensions in Inches				
			AWG	mm ²	L1	L2	D	D1	D2
YF2806IW Gray	—	YF2806IT Brown	28	0.14	0.39	0.22	0.04	0.03	0.07
YF2808IW Gray	—	YF2808IT Brown	28	0.14	0.49	0.32	0.04	0.03	0.04
YF2606IW Lt. Blue	YF2606ID Purple	YF2606IT Yellow	26	0.25	0.40	0.23	0.05	0.03	0.08
YF2608IW Lt. Blue	YF2608ID Purple	YF2608IT Yellow	26	0.25	0.49	0.32	0.04	0.03	0.08
YF2406IW Turquoise	—	YF2406IT Pink	24	0.34	0.48	0.31	0.04	0.03	0.08
YF2408IW Turquoise	—	YF2408IT Pink	24	0.34	0.40	0.31	0.04	0.03	0.08
YF2205IW Orange	YF2205ID White	YF2205IT White	22	0.50	0.44	0.21	0.05	0.04	0.11
YF2206IW Orange	YF2206ID White	YF2206IT White	22	0.50	0.47	0.24	0.05	0.04	0.10
YF2208IW Orange	YF2208ID White	YF2208IT White	22	0.50	0.55	0.32	0.05	0.04	0.11
YF2210IW Orange	YF2210ID White	YF2210IT White	22	0.50	0.63	0.39	0.05	0.04	0.10
YF2212IW Orange	YF2212ID White	YF2212IT White	22	0.50	0.47	0.24	0.05	0.04	0.10
YF2006IW White	YF2206ID Gray	YF2006IT Blue	20	0.75	0.47	0.24	0.06	0.05	0.11
YF2008IW White	YF2008ID Gray	YF2008IT Blue	20	0.75	0.56	0.31	0.06	0.05	0.12
YF2010IW White	YF2010ID Gray	YF2010IT Blue	20	0.75	0.63	0.39	0.06	0.05	0.11
YF2012IW White	YF2012ID Gray	YF2012IT Blue	20	0.75	0.71	0.47	0.06	0.05	0.11
YF2018IW White	YF2018ID Gray	YF2018IT Blue	20	0.75	0.96	0.71	0.06	0.05	0.11
YF1806IW Yellow	YF1806ID Red	YF1806IT Red	18	1.00	0.47	0.24	0.07	0.06	0.12
YF1808IW Yellow	YF1808ID Red	YF1808IT Red	18	1.00	0.56	0.32	0.07	0.05	0.12
YF1810IW Yellow	YF1810ID Red	YF1810IT Red	18	1.00	0.63	0.39	0.07	0.06	0.12
YF1812IW Yellow	YF1812ID Red	YF1812IT Red	18	1.00	0.71	0.47	0.07	0.06	0.12
YF1818IW Yellow	YF1818ID Red	YF1818IT Red	18	1.00	0.96	0.71	0.07	0.06	0.12
YF1606IW Red	YF1606ID Black	YF1606IT Black	16	1.50	0.48	0.24	0.08	0.07	0.14
YF1608IW Red	YF1608ID Black	YF1608IT Black	16	1.50	0.55	0.32	0.08	0.07	0.14
YF1610IW Red	YF1610ID Black	YF1610IT Black	16	1.50	0.63	0.39	0.08	0.07	0.14
YF1612IW Red	YF1612ID Black	YF1612IT Black	16	1.50	0.71	0.47	0.08	0.07	0.14
YF1615IW Red	YF1615ID Black	YF1615IT Black	16	1.50	0.84	0.59	0.08	0.07	0.14

Insulated Ferrules (Continued)

W Series	D Series	T Series	Wire Size		Dimensions in Inches				
			AWG	mm ²	L1	L2	D	D1	D2
YF1618IW Red	YF1618ID Black	YF1618IT Black	16	1.50	0.95	0.71	0.08	0.07	0.14
YF1408IW Blue	YF1408ID Blue	YF1408IT Gray	14	2.50	0.62	0.32	0.10	0.09	0.17
YF1410IW Blue	YF1410ID Blue	YF1410IT Gray	14	2.50	0.69	0.39	0.09	0.09	0.17
YF1412IW Blue	YF1412ID Blue	YF1412IT Gray	14	2.50	0.71	0.47	0.09	0.09	0.17
YF1418IW Blue	YF1418ID Blue	YF1418IT Gray	14	2.50	0.95	0.71	0.09	0.09	0.17
YF1209IW Gray	YF1209ID Gray	YF1209IT Orange	12	4.00	0.65	0.32	0.13	0.11	0.19
YF1210IW Gray	YF1210ID Gray	YF1210IT Orange	12	4.00	0.71	0.39	0.13	0.11	0.13
YF1212IW Gray	YF1212ID Gray	YF1212IT Orange	12	4.00	0.79	0.47	0.13	0.11	0.19
YF1218IW Gray	YF1218ID Gray	YF1218IT Orange	12	4.00	1.02	0.71	0.13	0.11	0.19
YF1010IW Black	YF1010ID Yellow	YF1010IT Green	10	6.00	0.73	0.39	0.15	0.14	0.25
YF1012IW Black	YF1012ID Yellow	YF1012IT Green	10	6.00	0.82	0.47	0.15	0.14	0.23
YF1018IW Black	YF1018ID Yellow	YF1018IT Green	10	6.00	1.02	0.71	0.15	0.15	0.25
YF0812IW Ivory	YF0812ID Red	YF0812IT Brown	8	10.00	0.91	0.46	0.19	0.18	0.31
YF0815IW Ivory	YF0815ID Red	YF0815IT Brown	8	10.00	0.93	0.59	0.19	0.18	0.29
YF0818IW Ivory	YF0818ID Red	YF0818IT Brown	8	10.00	1.10	0.71	0.19	0.18	0.29
YF0612IW Green	YF0612ID Blue	YF0612IT Ivory	6	16.00	0.89	0.43	0.25	0.23	0.34
YF0618IW Green	YF0618ID Blue	YF0618IT Ivory	6	16.00	0.89	0.43	0.25	0.23	0.34
YF0412IW Brown	YF0412ID Yellow	YF0412IT Black	4	25.00	0.94	0.47	0.31	0.29	0.44
YF0415IW Brown	YF0415ID Yellow	YF0415IT Black	4	25.00	1.06	0.59	0.30	0.29	0.44
YF0416IW Brown	YF0416ID Yellow	YF0416IT Black	4	25.00	1.10	0.63	0.30	0.29	0.44
YF0418IW Brown	YF0418ID Yellow	YF0418IT Black	4	25.00	1.18	0.71	0.30	0.29	0.44
YF0422IW Brown	YF0422ID Yellow	YF0422IT Black	4	25.00	1.42	0.87	0.30	0.29	0.44
YF0425IW Brown	YF0425ID Yellow	YF0425IT Black	4	25.00	1.45	0.98	0.30	0.29	0.44
YF0216IW Beige	YF0216ID Red	YF0216IT Beige	2	35.00	1.17	0.64	0.34	0.32	0.48
YF0218IW Beige	YF0218ID Red	YF0218IT Beige	2	35.00	1.26	0.71	0.34	0.33	0.50
YF0222IW Beige	YF0222ID Red	YF0222IT Beige	2	35.00	1.41	0.87	0.34	0.33	0.50
YF0225IW Beige	YF0225ID Red	YF0225IT Beige	2	35.00	1.53	0.98	0.34	0.33	0.50
YF0112IW Olive Green	YF0112ID Blue	YF0112IT Olive Green	1	50.00	1.10	0.47	0.43	0.41	0.59
YF0116IW Olive Green	YF0116ID Blue	YF0116IT Olive Green	1	50.00	1.26	0.63	0.43	0.41	0.59
YF0120IW Olive Green	YF0120ID Blue	YF0120IT Olive Green	1	50.00	1.45	0.79	0.43	0.40	0.58
YF0122IW Olive Green	YF0122ID Blue	YF0122IT Olive Green	1	50.00	1.50	0.87	0.43	0.41	0.59
YF0125IW Olive Green	YF0125ID Blue	YF0125IT Olive Green	1	50.00	0.98	0.43	0.43	0.41	0.59
YF0130IW Olive Green	YF0130ID Blue	YF0130IT Olive Green	1	50.00	1.18	0.43	0.43	0.41	0.59
—	YF2/020ID Yellow	—	2/0	70.00	1.45	0.79	0.56	0.53	0.63
—	YF2/025ID Yellow	—	2/0	70.00	1.65	0.98	0.56	0.53	0.63

Insulated Ferrules (Continued)

W Series	D Series	T Series	Wire Size		Dimensions in Inches				
			AWG	mm ²	L1	L2	D	D1	D2
—	YF2/027ID Yellow	—	2/0	70.00	1.73	1.06	0.56	0.53	0.63
—	YF3/025ID Red	—	3/0	95.00	1.73	0.98	0.61	0.58	0.73
—	YF3/030ID Red	—	3/0	95.00	1.95	1.18	0.61	0.58	0.73
—	YF4/027ID Blue	—	4/0	120.00	1.87	1.06	0.70	0.66	0.80
—	YF4/030ID Blue	—	4/0	120.00	2.01	1.18	0.70	0.66	0.80
—	YF4/032ID Blue	—	4/0	120.00	2.07	1.26	0.70	0.66	0.80
—	YF4/034ID Blue	—	4/0	120.00	2.15	1.34	0.70	0.66	0.80
—	YF25025ID Yellow	—	250	150.00	1.99	0.98	0.81	0.77	0.92
—	YF25027ID Yellow	—	250	150.00	2.07	1.06	0.81	0.77	0.92
—	YF25032ID Yellow	—	250	150.00	2.27	1.26	0.81	0.77	0.92
—	YF25038ID Yellow	—	250	150.00	2.50	1.50	0.81	0.77	0.92

INSTALLATION TOOL INFORMATION BELOW

W Series	D Series	T Series	Installation Tooling
YF2806IW	—	YF2806IT	YF3206TOOL
YF2808IW	—	YF2808IT	
YF2606IW	YF2606ID	YF2606IT	
YF2608IW	YF2608ID	YF2608IT	
YF2406IW	—	YF2406IT	
YF2408IW	—	YF2408IT	
YF2205IW	YF2205ID	YF2205IT	YF3206TOOL YF2210TOOL YF2210FL
YF2206IW	YF2206ID	YF2206IT	
YF2208IW	YF2208ID	YF2208IT	
YF2210IW	YF2210ID	YF2210IT	
YF2212IW	YF2212ID	YF2212IT	
YF2006IW	YF2206ID	YF2006IT	
YF2008IW	YF2008ID	YF2008IT	
YF2010IW	YF2010ID	YF2010IT	
YF2012IW	YF2012ID	YF2012IT	
YF2018IW	YF2018ID	YF2018IT	
YF1806IW	YF1806ID	YF1806IT	
YF1808IW	YF1808ID	YF1808IT	
YF1810IW	YF1810ID	YF1810IT	
YF1812IW	YF1812ID	YF1812IT	
YF1818IW	YF1818ID	YF1818IT	
YF1606IW	YF1606ID	YF1606IT	
YF1608IW	YF1608ID	YF1608IT	
YF1610IW	YF1610ID	YF1610IT	
YF1612IW	YF1612ID	YF1612IT	
YF1615IW	YF1615ID	YF1615IT	
YF1618IW	YF1618ID	YF1618IT	
YF1408IW	YF1408ID	YF1408IT	YF3206TOOL YF2210TOOL YF2210FL
YF1410IW	YF1410ID	YF1410IT	
YF1412IW	YF1412ID	YF1412IT	
YF1418IW	YF1418ID	YF1418IT	
YF1209IW	YF1209ID	YF1209IT	
YF1210IW	YF1210ID	YF1210IT	
YF1212IW	YF1212ID	YF1212IT	
YF1218IW	YF1218ID	YF1218IT	
YF1010IW	YF1010ID	YF1010IT	
YF1012IW	YF1012ID	YF1012IT	
YF1018IW	YF1018ID	YF1018IT	

Insulated Ferrules (Continued)

W Series	D Series	T Series	Installation Tooling
YF0812IW	YF0812ID	YF0812IT	YF3206TOOL YF1006TOOL YF0801TOOL
YF0815IW	YF0815ID	YF0815IT	
YF0818IW	YF0818ID	YF0818IT	
YF0612IW	YF0612ID	YF0612IT	
YF0618IW	YF0618ID	YF0618IT	
YF0412IW	YF0412ID	YF0412IT	
YF0415IW	YF0415ID	YF0415IT	
YF0416IW	YF0416ID	YF0416IT	
YF0418IW	YF0418ID	YF0418IT	
YF0422IW	YF0422ID	YF0422IT	
YF0425IW	YF0425ID	YF0425IT	
YF0216IW	YF0216ID	YF0216IT	
YF0218IW	YF0218ID	YF0218IT	
YF0222IW	YF0222ID	YF0222IT	
YF0225IW	YF0225ID	YF0225IT	
YF0112IW	YF0112ID	YF0112IT	
YF0116IW	YF0116ID	YF0116IT	
YF0120IW	YF0120ID	YF0120IT	
YF0122IW	YF0122ID	YF0122IT	
YF0125IW	YF0125ID	YF0125IT	
YF0130IW	YF0130ID	YF0130IT	
—	YF2/020ID	—	YF1/03/0TOOL
—	YF2/025ID	—	
—	YF2/027ID	—	
—	YF3/025ID	—	
—	YF3/030ID	—	
—	YF4/027ID	—	YF4/0250TOOL
—	YF4/030ID	—	
—	YF4/032ID	—	
—	YF4/034ID	—	
—	YF25025ID	—	
—	YF25027ID	—	
—	YF25032ID	—	
—	YF25038ID	—	

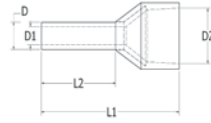


Close up of YF2210FL front load ratchet tool

Insulated Twin Ferrules

Type YF-TW

Twin ferrule designs allow two individual stranded conductors to be connected to the same termination, most beneficial in jumpering or similar application. Made of electrolytic copper, tin plated. Smooth funnel entry making wire insertion easier and secure contacting even after multiple reconnections. Long-term contact resistance with no fraying of strands. RoHS compliant.



W Series	D Series	T Series	Wire Size		Dimensions in Inches				
			AWG	mm ²	L1	L2	D	D1	D2
YFTW2208W Orange	YFTW2208T White	YFTW2208D White	22	0.50	0.60	0.30	0.07	0.06	0.19
YFTW2010W White	YFTW2010T Lt. Blue	YFTW2010D Gray	20	0.75	0.66	0.39	0.08	0.07	0.22
YFTW2008W White	YFTW2008T Lt. Blue	YFTW2008D Gray	20	0.75	0.60	0.31	0.08	0.07	0.20
YFTW1810W Yellow	YFTW1810T Red	YFTW1810D Red	18	1.00	0.67	0.39	0.09	0.08	0.22
YFTW1808W Yellow	YFTW1808T Red	YFTW1808D Red	18	1.00	0.62	0.31	0.09	0.08	0.22
YFTW1612W Red	YFTW1612T Black	YFTW1612D Black	16	1.50	0.77	0.47	0.10	0.09	0.25
YFTW1608W Red	YFTW1608T Black	YFTW1608D Black	16	1.50	0.65	0.31	0.10	0.09	0.26
YFTW1413W Blue	YFTW1413T Gray	YFTW1413D Blue	14	2.50	0.85	0.51	0.13	0.11	0.32
YFTW1410W Blue	YFTW1410T Gray	YFTW1410D Blue	14	2.50	0.77	0.39	0.13	0.11	0.31
YFTW1212W Gray	YFTW1212T Orange	YFTW1212D Gray	12	4.00	0.92	0.46	0.17	0.15	0.36
YFTW1014W Black	YFTW1014T Green	YFTW1014D Yellow	10	6.00	0.99	0.53	0.21	0.19	0.41
YFTW0814W Beige	YFTW0814T Brown	YFTW0814D Red	8	10.00	1.04	0.55	0.27	0.25	0.51
YFTW0614W Green	YFTW0614T Ivory	YFTW0614D Blue	8	16.00	1.23	0.55	0.34	0.33	0.75

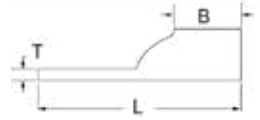
W Series	D Series	T Series	Installation Tooling	
YFTW2208W	YFTW2208T	YFTW2208D	YF3206TOOL YF2210TOOL YF2210FL	
YFTW2010W	YFTW2010T	YFTW2010D		
YFTW2008W	YFTW2008T	YFTW2008D		
YFTW1810W	YFTW1810T	YFTW1810D		
YFTW1808W	YFTW1808T	YFTW1808D		
YFTW1612W	YFTW1612T	YFTW1612D		
YFTW1608W	YFTW1608T	YFTW1608D		
YFTW1413W	YFTW1413T	YFTW1413D		
YFTW1410W	YFTW1410T	YFTW1410D		
YFTW1212W	YFTW1212T	YFTW1212D		
YFTW1014W	YFTW1014T	YFTW1014D		
YFTW0814W	YFTW0814T	YFTW0814D		YF0801TOOL YF1006TOOL
YFTW0614W	YFTW0614T	YFTW0614D		

**TYPE YA-L, YA-L-TC
HYDENT™ Terminal**



Single Hole, Standard Length Barrel
Uninsulated Copper Compression Terminal

Features inspection window (skive) for visual verification that wire has been fully inserted prior to crimping, not recommended in highly corrosive environments. Barrel is designed with internal chamfer at wire entry for smooth insertion of wire and helps prevent possible damage to wire strands. Standard length barrel is recommended for installations with space limitations. 45° and 90° angle lugs may be available; contact customer service for more information. Terminals are electro-tin plated unless otherwise specified. Connectors are clearly marked with stamping and barrel color coding.



Catalog Number	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Wire Strip Length
	AWG	MM² ***			(B)	(T)	(L)	
YAV10BOX	#14-#10 Str #12-#10 Sol	6	#8-#10	0.38	0.40	0.06	0.97	7/16"
YAV10-T2BOX			5/16	0.53	0.39	0.04	1.13	7/16"
YAV10-T3BOX			1/4	0.45	0.41	0.05	1.10	7/16"
YAV10-T4BOX	6	3/8	0.55	0.45	0.04	1.17		
YA8CL-BOX	#8 AWG #8 Flex G,H,I,K,M DLO 37/24	† 10	#8-#10	0.41	0.44	0.08	1.16	7/16
YA8CL1-BOX			1/4	0.44	0.44	0.08	1.26	
YA8CL2-BOX			5/16	0.52	0.44	0.06	1.38	
YA8CL3-BOX			3/8	0.58	0.44	0.06	1.51	
YA8CL4-BOX			1/2	0.71	0.44	0.05	1.76	
YA6CL1-BOX	#6 AWG Str. Sol. □	—	#8-#10	0.41	0.54	0.09	1.27	9/16
YA6CL-BOX			1/4	0.45	0.54	0.08	1.45	
YA6CL3-BOX			5/16	0.52	0.54	0.07	1.52	
YA6CL4-BOX			3/8	0.63	0.54	0.06	1.62	
YA6CL-6			1/2	0.75	0.54	0.12	1.87	
YA5CL	#5 AWG	—	1/4	0.44	0.81	0.07	1.65	
YA4CL1-BOX	#4 AWG	—	#8-#10	0.50	0.81	0.09	1.58	7/8
YA4CL-BOX			1/4	0.50	0.81	0.09	1.74	
YA4CL3-BOX			5/16	0.50	0.81	0.08	1.79	
YA4CL4-BOX			3/8	0.58	0.81	0.09	1.92	
YA4CL6-BOX			1/2	0.71	0.81	0.06	2.20	
YA3CL	#3 Str #2 Sol	25	5/16	0.55	0.88	0.09	1.88	15/16
YA2CL2-BOX	#2 AWG	35	1/4	0.61	0.88	0.11	1.88	15/16
YA2CL-BOX			5/16	0.61	0.88	0.11	1.93	
YA2CL4-BOX			3/8	0.61	0.88	0.11	2.06	
YA2CL6-BOX			1/2	0.73	0.88	0.09	2.32	
YA1CL2	#1 AWG	50	1/4	0.68	0.88	0.10	1.81	15/16
YA1CL-BOX			5/16	0.68	0.88	0.10	1.94	
YA1CL4-BOX			3/8	0.68	0.88	0.10	2.06	
YA1CL6-BOX			1/2	0.73	0.88	0.09	2.37	
YA25L2-BOX	1/0 AWG	—	1/4	0.75	0.88	0.12	1.84	15/16
YA25L-BOX			5/16	0.75	0.88	0.12	1.96	
YA25L4-BOX			3/8	0.75	0.88	0.12	2.09	
YA25L6-BOX			1/2	0.75	0.88	0.12	2.34	
YA26L2-BOX	2/0 AWG	70	1/4	0.83	0.94	0.12	1.94	1
YA26L-BOX			3/8	0.83	0.94	0.12	2.19	
YA26L6-BOX			1/2	0.83	0.94	0.12	2.44	
YA26L60			3/4	1.02	0.94	0.10	2.96	
YA27L3	3/0 AWG	—	5/16	0.91	1.00	0.13	2.16	1-1/16
YA27L4-BOX			3/8	0.91	1.00	0.13	2.29	
YA27L-BOX			1/2	0.91	1.00	0.13	2.54	

Type YA-L, YA-L-TC (Continued)

Catalog Number	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Wire Strip Length
	AWG	MM ² ***			(B)	(T)	(L)	
YA28L2	4/0 AWG	—	1/4	1.02	0.88	0.14	1.96	1-1/8
YA28L3			5/16	1.02	0.88	0.14	2.08	
YA28L4-BOX			3/8	1.02	0.88	0.14	2.21	
YA28L-BOX			1/2	1.02	0.88	0.14	2.46	
YA28L56			3/4	1.05	0.88	0.13	2.90	
YA29L2	250 kcmil	—	1/4	1.11	1.06	0.16	2.17	1-1/8
YA29L4			3/8	1.11	1.06	0.16	2.42	
YA29L7			5/16	1.11	1.06	0.16	2.30	
YA29L-BOX			1/2	1.11	1.06	0.16	2.67	
YA29LTC78			7/8	1.11	1.06	0.14	3.36	
YA30L1	300 kcmil	150	5/16	1.20	1.03	0.16	2.31	1-1/16
YA30L24			3/8	1.20	1.03	0.16	2.44	
YA30L			1/2	1.20	1.03	0.16	2.69	
YA30LN			1/2	1.20	1.03	0.16	2.87	1
YA30L7			5/8	1.20	1.03	0.16	2.94	1-1/16
YA30L28	3/4	1.20	1.03	0.16	3.12			
YA30L27	7/8	1.20	1.03	0.16	3.37			
YA31L11	350 kcmil	185	3/8	1.29	1.06	0.18	2.50	1-1/8
YA31L			1/2	1.29	1.06	0.18	2.75	
YA31L7			5/8	1.29	1.06	0.18	3.00	
YA31L36			7/8	1.29	1.06	0.18	4.02	
YA32L14	400 kcmil	—	3/8	1.40	1.19	0.19	2.68	1-1/4
YA32LN			1/2	1.40	1.19	.19	3.12	
YA32L1			1/2	1.40	1.19	0.19	2.93	
YA32L			5/8	1.40	1.19	0.19	3.18	
YA32LTC78			7/8	1.40	1.19	0.19	3.62	
YA33L	450 kcmil	—	5/8	1.48	1.50	0.21	3.57	1-9/16
YA34L37	500 kcmil	240	3/8	1.55	1.27	0.23	2.87	1-7/16
YA34L6			1/2	1.55	1.27	0.23	3.12	
YA34L			5/8	1.55	1.27	0.23	3.37	
YA34L8			3/4	1.55	1.27	0.23	3.55	
YA34L9			7/8	1.55	1.27	0.23	3.80	
YA34L20			1	1.55	1.27	0.23	4.05	
YA36L11	600 kcmil	300	1/2	1.74	1.38	0.27	3.29	1-3/4
YA36L			5/8	1.74	1.38	0.27	3.54	
YA36LTC78			7/8	1.74	1.38	0.27	3.97	
YA37L	650 kcmil	—	5/8	1.80	1.39	0.27	3.57	1-15/16
YA37L1			5/8	1.80	1.39	0.27	3.76	
YA39L6	750 kcmil	—	1/2	1.91	1.42	0.27	3.41	1-15/16
YA39L			5/8	1.91	1.42	0.27	3.57	
YA39L2			7/8	1.91	1.42	0.27	4.10	
YA39L9			1/4	1.91	1.42	0.27	4.85	
YA44L2	1000 kcmil	500	1/2	2.19	1.65	0.33	3.98	1-15/16
YA44L			5/8	2.19	1.65	0.33	4.04	
YA45L	1250 kcmil	—	3/4	2.46	2.00	0.38	4.68	2-1/16
YA46L	1500 kcmil	—	3/4	2.69	2.00	0.40	4.78	2-1/16
YA48L	2000 kcmil	1000	3/4	3.10	2.25	0.46	5.19	2-3/8

***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

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

Notes:

All dimensions shown are for reference only; YAV10 Series feature rounded tongues and are not ink stamped

Type YA-L, YA-L-TC (Continued)

INSTALLATION TOOL AND DIE INFORMATION

Catalog Number	Installation Tooling (# crimps)					Color Code	Die Index
	Dieless	Mech.	Hydraulic				
		MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS	Y35, Y39, Y750 Y46*, PAT750			
YAV10BOX	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8G98, MR8-9Q, Y8MRB-1, MR20, N10HT, N10HT-24, Y122CMR	—	—	—	—	—	
YAV10-T2BOX							
YAV10-T3BOX							
YAV10-T4BOX							
YA8CL-BOX	Y122CMR (1) Y1MRTC (1) MY29-3 (1) MY29-11 (1) MRC840 (1) Y4PC834(1) Y8MRB-1 (1) 81K Series (1)	W8CVT (1) W8CRT (1) X8CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	U8CRT (1)	Red	49	
YA8CL1-BOX							
YA8CL2-BOX							
YA8CL3-BOX							
YA8CL4-BOX							
YA6CL1-BOX □							Y122CMR (1) Y1MRTC (1) MY29-3 (1) MY29-11 (1) MRC840 (1) 81K Series (1) 644 Series (1)
YA6CL-BOX □							
YA6CL3-BOX □							
YA6CL4-BOX □							
YA6CL-6 □							
YA5CL	Y122CMR (1) Y1MRTC (1) MY29-3 (1) MY29-11 (1) MRC840 (1)	W5CRT (1) W5CVT (1) X5CRT (1)	W5CRT (1) X5CRT (1) W5CVT (1)				
YA4CL1-BOX	Y122CMR (2) Y1MRTC (2) MY29-3 (1) MY29-11 (1) MRC840 (1) 81K Series (1) 644 Series (1)	W4CVT (1) W4CRT (1) X4CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	U4CRT (1) U6CABT (1)	Gray	8	
YA4CL-BOX							
YA4CL3-BOX							
YA4CL4-BOX							
YA4CL6-BOX							
YA3CL							
YA2CL2-BOX	Y122CMR (2)** Y1MRTC (2) MY29-3 (1) MY29-11 (1) MRC840 (1) 81K Series (1) 644 Series (1)	W2CVT (1) W2CRT (1) X2CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	U2CRT (1)	Brown	10	
YA2CL-BOX							
YA2CL4-BOX							
YA2CL6-BOX							
YA1CL2		W1CVT(1) W1CRT1 (1) X1CRT1 (1)	W1CVT(1) W1CRT1 (1) X1CRT1 (1)	U1CRT1 (1) U4CABT (1)	Green	11 or 375	
YA1CL-BOX							
YA1CL4-BOX							
YA1CL6-BOX							
YA25L2-BOX	MY29-3 (1) MY29-11 (1) MRC840 (2) 81K Series (1) 644 Series (1)	W25VT (2) W25RT (2) X25RT (2)	W25VT (2) W25RT (2) X25RT (2)	U25RT (1) U2CABT (1)	Pink	12	
YA25L-BOX							
YA25L4-BOX							
YA25L6-BOX							
YA26L2-BOX							W26VT (2) W26RT (2) X26RT (2)
YA26L-BOX							
YA26L6-BOX							
YA26L60							
YA27L3		MY29-3 (1) MY29-11 (1) MRC840 (2) Y644HSXT (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT (2)	W27VT (2) W27RT (2) X27RT (3)	W27VT (2) W27RT (2) X27RT (3)	U27RT (1)	Orange	
YA27L4-BOX							
YA27L-BOX							
YA28L2	MY29-3 (1) MY29-11 (1) MRC840 (2) Y644HSXT (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	
YA28L3							
YA28L4-BOX							
YA28L-BOX							
YA28L56							

Type YA-L, YA-L-TC (Continued)

INSTALLATION TOOL AND DIE INFORMATION

Catalog Number	Installation Tooling (# crimps)					Color Code	Die Index	
	Dieless	Mech.	Hydraulic					
		MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS	Y35, Y39, Y750 Y46*, PAT750				
YA29L2	MY29-3 (1) MY29-11 (1) Y644HSXT (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W29VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16		
YA29L4								
YA29L7								
YA29L-BOX								
YA29LTC78								
YA30L1	Y644HSXT (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W30VT (2)	W30VT (2) W30RT (2)	U30RT (2) U28ART (2)	White	17		
YA30L24								
YA30L								
YA30LNL								
YA30L7								
YA30L28								
YA30L27								
YA31L11								
YA31L								
YA31L7								
YA31L36								
YA32L14	W32VT (2)	W32VT (2) W32RT (2)	U32RT (2) U30ART (2)	Blue	19			
YA32LNL								
YA32L1								
YA32L								
YA32LTC78								
YA33L	W33VT (2)	W33VT (2) W33RT (2)	U33RT (2)	Gray	326			
YA34L37	Y644HSXT (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W34VT (2)	W34VT (2) W34RT (2)	U34RT (2) U31ART (1)	Brown	20		
YA34L6								
YA34L								
YA34L8								
YA34L9								
YA34L20								
YA36L11	Y644HSXT (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	—	U36RT (2)	Green	22 or 472		
YA36L								
YA36LTC78								
YA37L	Y644HSXT (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	—	—	U37RT (2)	Orange	23		
YA37L1								
YA39L6								
YA39L				—	—	U39RT (2) P39RT (2)**	Black	24
YA39L2								
YA39L9								
YA44L2	Y644HSXT (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3) Y644MBH (1) PAT644XT18V (1)	—	—	P44RT (3)**	White	27		
YA44L								
YA45L	—	—	—	P45RT (3)**	Yellow	29		
YA46L	—	—	—	P46RT (3)**	Green	31		
YA48L	—	—	—	-	Brown	34		

□ 644 Series tooling not for use on 6 AWG Sol.

* Use PUADP-1 adapter with U dies in 46 Series tooling

** P-RT die sets for use in 46 Series only, PUADP-1 adapter not required

▲ 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.

TYPE YA-L-NT
HYDENT™ Terminal



Single Hole, Standard Length Barrel, Narrow Tongue
Uninsulated Copper Compression Terminal



Narrow tongue designed for limited space applications. Features inspection window for visual verification that wire has been fully inserted prior to crimping, not recommended in highly corrosive environments. Internal chamfer at wire entry for smooth insertion of wire and helps prevent possible damage to wire strands. 45° and 90° angle lugs may be available. Electro-tin plated unless otherwise specified. Clearly marked with stamping and barrel color coding.



Catalog Number	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Wire Strip Length
	AWG	MM ² ***			(B)	(T)	(L)	
YA8CLNT6	#8 AWG #8 Flex G,H,I,K,M DLO 37/24	10	#6	0.29	0.44	0.09	1.08	1/2
YA8CLNT8			#8	0.33	0.44	0.09	1.18	
YA6CLNT6	#6 AWG Sol./Str. □	—	#6	0.29	0.54	0.09	1.17	7/8
YA4CLNT10	#4 AWG	—	#10	0.40	0.81	0.09	1.73	7/8
YA3CLNT14	#3 AWG #2 Sol.	25	1/4	0.41	0.88	0.08	1.82	15/16
YA3CLNT516			5/16	0.49	0.88	0.08	1.80	
YA2CLNT10	#2 AWG	35	#10	0.48	0.88	0.11	1.80	15/16
YA2CLNT14			1/4	0.48	0.88	0.11	1.80	
YA2CLNT516			5/16	0.49	0.88	0.11	1.82	
YA1CLNT10	#1 AWG	50	#10	0.50	0.88	0.10	2.23	15/16
YA1CLNT14			1/4	0.50	0.88	0.10	2.23	
YA25LNT10	1/0 AWG	—	#10	0.62	0.88	0.12	2.28	15/16
YA25LNT14			1/4	0.48	0.88	0.12	1.93	
YA25LNT516			5/16	0.62	0.88	0.12	2.28	
YA25LNT38			3/8	0.62	0.88	0.12	2.18	
YA26LNT10	2/0 AWG	70	#10	0.62	0.94	0.13	2.62	1
YA26LNT14			1/4	0.48	0.94	0.12	2.02	
YA26LNT516			5/16	0.62	0.94	0.13	2.62	
YA26LNT38			3/8	0.72	0.94	0.12	2.48	
YA27LNT14	3/0 AWG	—	1/4	0.76	1.00	0.13	2.10	1-1/16
YA27LNT516			5/16	0.60	1.00	0.12	2.17	
YA27LNT38			3/8	0.76	1.00	0.12	2.73	
YA28LNT14	4/0 AWG	—	1/4	0.76	0.88	0.14	2.60	1-1/8
YA28LNT516			5/16	0.70	0.88	0.14	2.09	
YA28LNT38			3/8	0.76	0.88	0.14	2.67	
YA29LNT516	250 kcmil	—	5/16	0.76	1.06	0.16	2.49	1-1/8
YA29LNT38			3/8	0.76	1.06	0.16	2.96	
YA29LNT38			3/8	0.96	1.06	0.16	2.96	
YA30LNT14	300 kcmil	150	1/4	0.83	1.03	0.16	2.26	1-1/8
YA30LNT38			3/8	0.96	1.03	0.16	2.97	
YA31LNT38	350 kcmil	185	3/8	0.96	1.06	0.18	3.31	1-1/8
YA31LNT12			1/2	0.88	1.06	0.18	2.75	
YA32LNT38	400 kcmil	—	3/8	0.96	1.19	0.20	3.21	1-1/4
YA32LNT12			1/2	0.96	1.19	0.19	3.21	
YA34LNT38	500 kcmil	240	3/8	0.96	1.27	0.23	3.65	1-7/16
YA34LNT12			1/2	0.96	1.27	0.23	3.65	
YA36LNT38	600 kcmil	300	3/8	1.12	1.38	0.27	4.09	1-3/4
YA36LNT12			1/2	1.00	1.38	0.27	3.29	

Type YA-L-NT (Continued)

Catalog Number	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Wire Strip Length
	AWG	MM ² ***			(B)	(T)	(L)	
YA39LNT38	750 kcmil	—	3/8	1.12	1.42	0.27	4.24	1-15/16
YA39LNT12			1/2	1.12	1.42	0.27	4.24	
YA39LNT58			5/8	1.30	1.42	0.27	3.67	

***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

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

Notes:

All dimensions shown are for reference only

INSTALLATION TOOL AND DIE INFORMATION

Catalog Number	Installation Tooling (# of crimps)					
	Dieless	Mech.	Hydraulic		Color Code	Die Index
		MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS	Y35, Y39, Y750 Y46, PAT750		
YA8CLNT6	Y1MRTC (1) Y122CMR (1) MY29-3 (1) MY29-11 (1) Y81KFT (1)	W8CVT (1)	X8CRT (1)	U8CRT (1)	Red	49
YA8CLNT8						
YA6CLNT6	Y1MRTC (1) MY29-3 (1) MY29-11 (1) MRC840 (1) Y81KFT (1) PAT81KFT (1) Y122CMR (1)	W5CVT (1)	X5CRT (1)	U5CRT (1)	Blue	7
YA4CLNT10		W4CVT (1)	X4CRT (1)	U4CRT (1)	Gray	8
YA3CLNT14		W3CVT (1)	W3CVT (1)	U3CRT (1)	White	9
YA3CLNT516						
YA2CLNT10		W2CVT (1)	X2CRT (1)	U2CRT (1)	Brown	10
YA2CLNT14						
YA2CLNT516						
YA1CLNT10	MY29-3 (1) MY29-11 (1) Y81KFT (1)	W1CVT (1)	X1CRT1 (1)	U1CRT1 (1)	Green	11
YA1CLNT14						
YA25LNT10	MY29-3 (1) MY29-11 (1) MRC840 Y644HSXT (1) Y81KFT (1) PAT81KFT (1)	W25VT (2)	X25RT (2)	U25RT (1)	Pink	12
YA25LNT14						
YA25LNT516						
YA25LNT38		W26VT (2)	X26RT (1)	U26RT (1)	Black	13
YA26LNT10						
YA26LNT14						
YA26LNT516						
YA26LNT38						
YA27LNT14	MY29-3 (1) MY29-11 (1) MRC840 (2) Y644 (1) Y81KFT (2) PAT81KFT (2)	W27VT (2)	X27RT (3)	U27RT (1)	Orange	14
YA27LNT516						
YA27LNT38		W28VT (2)	X28RT (3)	U28RT (1)	Purple	15
YA28LNT14						
YA28LNT516						
YA28LNT38	W28VT (2) W28RT (2) X28RT (3)	X28RT (3)	U28RT (1)	Purple	15	
YA29LENT516	MY29-3 (1) MY29-11 (1) MRC840 (2) Y644HSXT (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W29VT (2)	X29RT (4)	U29RT (1)	Yellow	16
YA29LENT38						
YA29LNT38						

Type YA-L-NT (Continued)

INSTALLATION TOOL AND DIE INFORMATION

Catalog Number	Installation Tooling (# of crimps)					Color Code	Die Index
	Dieless	Mech.	Hydraulic				
		MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS	Y35, Y39, Y750 Y46, PAT750			
YA30LNT14	Y644HSXT (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W30VT (2)	—	U30RT (2)	White	17	
YA30LNT38		W31VT (2)	—	U31RT (2)	Red	18	
YA31LNT38		W32VT (2)	—	U32RT (2)	Blue	19	
YA31LNT12		W34VT (2)	—	U34RT (2)	Brown	20	
YA32LNT38		—	—	U36RT (2)	Green	22	
YA32LNT12		Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	—	—	U39RT (2)	Black	24
YA34LNT38							
YA34LNT12							
YA36LNT38							
YA36LNT12							
YA39LNT38							
YA39LNT12							
YA39LNT58							

□ 644 Series tooling not for use on 6 AWG Sol.

* Use PUADP-1 adapter with U dies in 46 Series tooling

** P-RT die sets for use in 46 Series only, PUADP-1 adapter not required

▲ 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.



BURNDY® has a full line of hardware available of various materials:

- DURIMUM™ Silicon Bronze
- Aluminum
- Stainless Steel
- Galvanized Steel

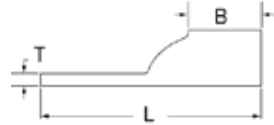
and designs:

- Bolts
- Nuts
- Flat Washers
- Split Lockwashers
- Internal Tooth Lockwashers
- Belleville Washers
- U-Bolts
- TMH (Tongue Mounting Hardware) Kits

TYPE YA, YA-TC
HYDENT™ Terminal



Single Hole, Long Barrel,
Uninsulated Copper Compression Terminal



No inspection window (skive), ideal for more corrosive environments as the barrel transition is not open. Barrel is designed with internal chamfer at wire entry for smooth insertion of wire and helps prevent possible damage to wire strands. Long barrel length allows for increased number of crimps increasing the mechanical strength of the connection. 45° and 90° angle lugs may be available; contact customer service for more information. Terminals are electro-tin plated unless otherwise specified. Connectors are clearly marked with stamping and barrel color coding.

Catalog Number	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Wire Strip Length	
	AWG	MM ² ***			(B)	(T)	(L)		
YA8CTC10	#8 AWG #8 Flex G,H,I,K,M DLO 37/24	† 10	#10	0.41	0.81	0.08	1.57	7/8	
YA8CTC14			1/4	0.44	0.81	0.08	1.69		
YA8CTC38			3/8	0.58	0.81	0.06	1.88		
YA6CTC8	#6 AWG Sol./Str.	—	#8	0.42	1.12	0.09	1.83	1-3/16	
YA6CTC10			#10	0.42	1.12	0.09	1.89		
YA6C			1/4	0.41	1.12	0.09	1.81		
YA6CN			1/2	0.83	1.12	0.12	2.64		
YA6CTC516			5/16	0.52	1.12	0.07	2.08		
YA6CTC38			3/8	0.58	1.12	0.06	2.21		
YA5C	#5 AWG	—	1/4	0.44	1.12	0.07	1.98	1-3/16	
YA5CN			1/2	0.83	1.12	0.12	2.67		
YA4CTC10	#4 AWG	—	#10	0.50	1.12	0.09	1.94	1-3/16	
YA4C			1/4	0.50	1.12	0.09	1.87		
YA4CTC38			3/8	0.58	1.12	0.08	2.25		
YA4CN			1/2	0.83	1.12	0.12	2.69		
YA3CTC14	#3 AWG #2 Solid	25	1/4	0.55	1.25	0.09	2.23	1-5/16	
YA3C			5/16	0.55	1.25	0.09	2.30		
YA3CTC38			3/8	0.58	1.25	0.08	2.42		
YA3CN			1/2	0.83	1.25	0.12	2.86		
YA2CTC10	#2 AWG	35	#10	0.60	1.25	0.11	2.10	1-5/16	
YA2CTC14			1/4	0.60	1.25	0.11	2.23		
YA2C			5/16	0.60	1.25	0.11	2.29		
YA2CTC38			—	3/8	0.60	1.25	0.11		2.41
YA2CN			1/2	0.83	1.25	0.12	2.88		
YA1CTC10	#1 AWG	50	#10	0.68	1.38	0.10	2.27	1-7/16	
YA1CTC14			—	1/4	0.68	1.38	0.10		2.39
YA1C			5/16	0.68	1.38	0.10	2.45		
YA1CTC38			—	3/8	0.68	1.38	0.10		2.58
YA1CN			1/2	0.83	1.38	0.12	3.06		
YA25TC10	1/0 AWG	—	#10	0.75	1.38	0.12	2.30	1-7/16	
YA25			5/16	0.75	1.38	0.13	2.48		
YA25TC38			3/8	0.75	1.38	0.12	2.61		
YA25N			1/2	0.83	1.38	0.11	3.05		
YA26TC14	2/0 AWG	70	1/4	0.83	1.50	0.12	2.58	1-9/16	
YA26TC516			5/16	0.83	1.50	0.12	2.65		
YA26			3/8	0.83	1.50	0.12	2.77		
YA26N			1/2	0.83	1.50	0.12	3.21		
YA27	3/0 AWG	—	1/2	0.91	1.50	0.13	3.06	1-9/16	
YA28TC38	4/0 AWG	—	3/8	1.02	1.62	0.14	2.98	1-11/16	
YA28			1/2	1.02	1.62	0.14	3.23		

Type YA, YA-TC (Continued)

Catalog Number	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Wire Strip Length
	AWG	MM ² ***			(B)	(T)	(L)	
YA29	250 kcmil	—	1/2	1.11	1.62	0.16	3.26	1-11/16
YA30	300 kcmil	150	1/2	1.20	2.00	0.16	3.69	2-1/16
YA30N			1/2	1.20	2.00	0.16	3.88	
YA31	350 kcmil	185	1/2	1.29	2.00	0.18	3.73	2-1/16
YA32N	400 kcmil	—	1/2	1.40	2.12	0.19	4.09	2-3/16
YA32			5/8	1.40	2.12	0.19	4.15	
YA33N	450 kcmil	—	1/2	1.48	2.13	0.21	4.17	2-5/16
YA33	450 kcmil	—	5/8	1.48	2.13	0.21	4.24	
YA34N	500 kcmil	240	1/2	1.55	2.25	0.23	4.32	2-5/16
YA34			5/8	1.55	2.25	0.23	4.39	
YA36N	600 kcmil	300	1/2	1.74	2.69	0.27	4.83	2-3/4
YA36			5/8	1.74	2.69	0.27	4.90	
YA39N	750 kcmil	—	1/2	1.91	2.88	0.27	5.11	2-15/16
YA39			5/8	1.91	2.88	0.27	5.17	
YA44N	1000 kcmil	500	1/2	2.19	3.00	0.33	5.38	3-1/16
YA44			5/8	2.19	3.00	0.33	5.45	
YA45	1250 kcmil	—	3/4	2.46	3.19	0.38	5.93	3-1/4
YA46N	1500 kcmil	—	1/2	2.69	3.19	0.40	5.79	3-5/16
YA46			3/4	2.69	3.19	0.40	6.04	
YA47N	1750 kcmil	—	1/2	2.90	3.44	0.42	6.13	3-1/2
YA47			3/4	2.90	3.44	0.42	6.38	
YA48N	2000 kcmil	—	1/2	3.10	3.44	0.46	6.22	3-1/2
YA48			3/4	3.10	3.44	0.46	6.47	

* Use PUADP-1 adapter with U dies in 46 Series tooling

** P-RT die sets for use in 46 Series 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

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

Notes:

All dimensions shown are for reference only.

Other configurations or features may be available (example: undrilled, different hole size, etc.).

Contact Customer Service for more information.

Type YA, YA-TC (Continued)

INSTALLATION TOOL AND DIE INFORMATION

Catalog Number	Installation Tooling					Color Code	Die Index
	Dieless (# of crimps)	Mech.	Hydraulic				
		MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS	Y35, Y39, Y750 Y46**, PAT750			
YA8CTC10	Y122CMR (2) MRC840 (2) MY29-3 (2) MY29-11 (2) Y8MBR-1 (1) Y1MR TC (2) Y81KFT (1) PAT81KFT (1)	W8CVT (2) W8CRT (2) X8CRT (2)	X8CRT (2) W8CVT (2) W8CRT (2)	U8CRT (2)	Red	49	
YA8CTC14							
YA8CTC38							
YA6CTC8							
YA6CTC10	Y122CMR (2) MRC840 (2) MY29-3 (2) MY29-11 (2) Y1MR TC (2) Y81KFT (1) PAT81KFT (1)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	U5CRT (2) U8CABT (2)	Blue	7 or 374	
YA6C							
YA6CN							
YA6CTC516							
YA6CTC38							
YA5C							
YA5CN							
YA4CTC10	Y1MR TC (4) Y122CMR (4) MY29-3 (2) MY29-11 (2) Y644HSXT (1) Y81KFT (2) PAT81KFT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	Gray	8 or 346	
YA4C							
YA4CTC38							
YA4CN		W3CRT (2)	W3CRT (2)	U3CRT (2)	White	9	
YA3CTC14							
YA3C							
YA3CTC38		W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	
YA3CN							
YA2CTC10							
YA2CTC14							
YA2C							
YA2CTC38							
YA2CN							
YA1CTC10	PAT81KFT (2) Y1MR TC (4) MRC840 (2) MY29-3 (2) MY29-11 (2) Y644HSXT (1) Y81KFT (2)	W1CVT (2) W1CRT1 (2) X1CRT1 (2)	W1CVT (2) W1CRT1 (2) X1CRT1 (2)	U1CRT1 (2) U4CABT (2)	Green	11	
YA1CTC14							
YA1C							
YA1CTC38							
YA1CN							
YA25TC10							MRC840 (4) W25VT (4) W25RT (4) X25RT (4) MY29-3 (2) MY29-11 (2) Y644HSXT (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)
YA25							
YA25TC38							
YA25N	W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13		
YA26TC14							
YA26TC516							
YA26							
YA26N							
YA27	MRC840 (4) MY29-3 (2) MY29-11 (2) Y644HSXT (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W27VT (4) W27RT (4) X27RT (6)	W27VT (4) W27RT (4) X27RT (6)	U27RT (2)	Orange	14	
YA28TC38							
YA28		W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15	
							YA29
YA29	MY29-3 (2) MY29-11 (2) Y644HSXT (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W29VT (4) X29RT (8)	W29VT (4) W29RT (4) X29RT (8)	U29RT (2)	Yellow	16	

Type YA, YA-TC (Continued)

INSTALLATION TOOL AND DIE INFORMATION

Catalog Number	Installation Tooling					Die Index
	Dieless (# of crimps)	Mech.	Hydraulic		Color Code	
		MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS	Y35, Y39, Y750 Y46**, PAT750		
YA30	Y644HSXT (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	W30VT (4)	W30VT (4) W30RT (4)	U30RT (4) U28ART (4)	White	17 or 298
YA30N						
YA31		W31VT (4)	W31VT (4) W31RT (4)	U31RT (4) U29ART (4)	Red	18 or 324
YA32N		W32VT (4)	W32VT (4) W32RT (4)	U32RT (4) U30ART (4)	Blue	19 or 470
YA32						
YA33N	Y644HSXT (1) Y81KFT (4) Y81KFTMBH (4) PAT81KFT-18V (4)	W33VT (4)	W33VT (4) W33RT (4)	U33RT (4)	Gray	326 or 538
YA33						
YA34N		W34VT (4)	W34VT (4) W34RT (4)	U34RT (4) U31ART (2)	Brown	20 or 299
YA34						
YA36N		—	—	U36RT (4) U32ART (4)	Green	22 or 472
YA36						
YA39N				U39RT (4) P39RT (4)	Black	24
YA39						
YA40				P40RT (4)	Orange	25
YA44N				P44RT (4)	White	27
YA44						
YA45				P45RT (6)	Yellow	29
YA46N				P46RT (6)	Green	31
YA46						
YA47N				—	Gray	33
YA47						
YA48N			—	Brown	34	
YA48						

* Use PUADP-1 adapter with U dies in 46 Series tooling

** P-RT die sets for use in 46 Series 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

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

Notes:

All dimensions shown are for reference only.

Other configurations or features may be available (example: undrilled, different hole size, etc.).

Contact Customer Service for more information.

TYPE YA-L, YA-L-FX, YAV, YAV-L-FX
HYDENT™ Terminal



Single Hole, Standard Barrel,
 Uninsulated Copper Compression Terminal



Inspection window (skive) for visual verification that wire has been fully inserted prior to crimping. Barrel designed with internal chamfer to ensure smooth wire insertion preventing possible damaging of the wire strands. Standard length barrel is recommended for installations with limited space requirements. Electro-tin plated unless otherwise specified to reduce galvanic corrosion. Connectors clearly marked with stamping and barrel color coding. Connector accommodating wire sizes #10-4/0 AWG accommodate both Flex and Code Wire. See tables on each page for specific details. 45° and 90° angle lugs may be available; contact customer service for more information.



Catalog Number	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Wire Strip Length
	AWG/KCMIL	MM² ***			(B)	(T)	(L)	
YA8CL-BOX	#8 AWG G,H,I,K,M, DLO (37/24)	** 10	#8 - #10	0.41	0.44	0.08	1.16	7/16
YA8CL1-BOX			1/4	0.44	0.44	0.08	1.26	
YA8CL2-BOX			5/16	0.52	0.44	0.06	1.38	
YA8CL3-BOX			3/8	0.58	0.44	0.06	1.51	
YA8CL4-BOX	#8 Sol		1/2	0.71	0.44	0.05	1.76	
YAV6CL-TC10-FX	#6 AWG #6 Flex G,H,I,K,M, DLO (61/24)	** 16	#10	0.48	0.50	0.08	1.30	1/2
YAV6CL-TC14-FX			1/4	0.48	0.50	0.08	1.43	
YAV6CL-TC516-FX			5/16	0.52	0.50	0.07	1.49	
YAV6CL-TC38-FX			3/8	0.58	0.50	0.06	1.61	
YAV6CL-TC12-FX			1/2	0.75	0.50	0.12	1.86	
YAV6CL-TC34-FX			3/4	1.04	0.50	0.09	2.66	
YAV4CL-TC10-FX	#4 AWG #4 Flex G,H,I,K,M, DLO (105/24)	—	#10	0.55	0.50	0.09	1.32	1/2
YAV4CL-TC14-FX			1/4	0.55	0.50	0.09	1.44	
YAV4CL-TC516-FX			5/16	0.55	0.50	0.09	1.51	
YAV4CL-TC38-FX			3/8	0.58	0.50	0.08	1.67	
YAV4CL-TC12-FX			1/2	0.71	0.50	0.07	1.92	
YAV2CL-TC10-FX	#2 AWG #2 Flex G,H,I,K,M, DLO (150/24)	35	#10	0.68	0.63	0.10	1.50	11/16
YAV2CL-TC14-FX			1/4	0.68	0.63	0.10	1.62	
YAV2CL-TC516-FX			5/16	0.68	0.63	0.10	1.69	
YAV2CL-TC38-FX			3/8	0.68	0.63	0.10	1.81	
YAV2CL-TC12-FX			1/2	0.73	0.63	0.09	2.12	
YAV1CL-TC10-FX	#1 AWG #1 Flex G,H,I,K,M, DLO (225/24)	—	#10	0.75	0.62	0.12	1.52	11/16
YAV1CL-TC14-FX			1/4	0.75	0.62	0.12	1.65	
YAV1CL-TC516-FX			5/16	0.75	0.62	0.12	1.71	
YAV1CL-TC38-FX			3/8	0.75	0.62	0.12	1.84	
YAV1CL-TC12-FX			1/2	0.75	0.62	0.12	2.09	
YAV25L-TC14-FX	1/0 AWG 1/0 Flex G,H,I,K,M, DLO (275/24)	50	1/4	0.83	0.69	0.12	1.75	11/16
YAV25L-TC516-FX			5/16	0.83	0.69	0.12	1.81	
YAV25L-TC38-FX			3/8	0.83	0.69	0.12	1.94	
YAV25L-TC12-FX			1/2	0.83	0.69	0.12	2.19	
YAV26L-TC10-FX					#10	0.93	0.81	
YAV26L-TC14-FX	2/0 AWG 2/0 Flex G,H,I,K,M, DLO (325/24)	70	1/4	0.93	0.81	0.13	1.92	
YAV26L-TC516-FX			5/16	0.93	0.81	0.13	1.98	
YAV26L-TC38-FX			3/8	0.93	0.81	0.13	2.11	
YAV26L-TC12-FX			1/2	0.93	0.81	0.13	2.36	
YAV26L-TC58-FX			5/8	0.93	0.81	0.13	2.61	
YAV26L-TC34-FX			3/4	1.10	0.81	0.11	2.89	
YAV27L-TC10-FX	3/0 AWG 3/0 Flex G,H,I,K,M, DLO (450/24)	95	#10	1.03	1.00	0.14	2.03	1
YAV27L-TC14-FX			1/4	1.03	1.00	0.14	2.15	
YAV27L-TC516-FX			5/16	1.03	1.00	0.14	2.21	
YAV27L-TC38-FX			3/8	1.03	1.00	0.14	2.34	
YAV27L-TC12-FX			1/2	1.03	1.00	0.14	2.59	
YAV28L-TC14-FX	4/0 AWG 4/0 Flex G,H,I,K,M, DLO (550/24)	** 120	1/4	1.14	1.03	0.15	2.23	1-1/16
YAV28L-TC516-FX			5/16	1.14	1.03	0.15	2.29	
YAV28L-TC38-FX			3/8	1.14	1.03	0.15	2.42	
YAV28L-TC12-FX			1/2	1.14	1.03	0.15	2.67	
YAV28L-TC58-FX			5/8	1.14	1.03	0.15	2.92	
YAV28L-TC34-FX			3/4	1.14	1.03	0.15	3.11	

Type YA-L, YA-L-FX, YAV, YAV-L-FX (Continued)

Catalog Number	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Wire Strip Length
	AWG/KCMIL	MM² ***			(B)	(T)	(L)	
YAV29L-TC14-FX	250 kcmil 4/0 Flex G,H,I,K,M, DLO (550/24)	—	1/4	1.18	1.03	0.16	2.23	1-1/16
YAV29L-TC516-FX			5/16	1.18	1.03	0.16	2.30	
YAV29L-TC38-FX			3/8	1.18	1.03	0.16	2.42	
YAV29L-TC12-FX			1/2	1.18	1.03	0.16	2.67	
YAV29L-TC58-FX			5/8	1.18	1.03	0.16	2.92	
YAV29L-TC34-FX			3/4	1.18	1.03	0.16	3.11	
YA30L-TC516-FX	250 kcmil G,H	—	5/16	1.20	1.03	0.16	2.31	1-1/8
YA30L-TC38-FX			3/8	1.20	1.03	0.16	2.44	
YA30L-TC12-FX			1/2	1.20	1.03	0.16	2.69	
YA30L-TC58-FX			5/8	1.20	1.03	0.16	2.94	
YA30L-TC34-FX			3/4	1.20	1.03	0.16	3.12	
YA31L-TC14-FX	250 kcmil I,K,M, DLO 262 (650/24)	150	1/4	1.29	1.06	0.18	2.31	1-1/8
YA31L-TC516-FX			5/16	1.29	1.06	0.18	2.37	
YA31L-TC38-FX			3/8	1.29	1.06	0.18	2.50	
YA31L-TC12-FX			1/2	1.29	1.06	0.18	2.75	
YA31L-NT12-FX			1/2	0.96	1.06	0.18	2.75	
YA31L-TC58-FX			5/8	1.29	1.06	0.18	3.00	
YA31L-TC34-FX			3/4	1.29	1.06	0.18	3.19	
YA32L-TC38-FX	300 kcmil G,H,I,K,M, DLO 313 (775/24)	185	3/8	1.40	1.19	0.19	2.68	1-1/4
YA32L-TC12-FX			1/2	1.40	1.19	0.19	2.93	
YA32L-TC58-FX			5/8	1.40	1.19	0.19	3.18	
YA32L-TC100-FX			1	1.74	1.19	0.27	3.87	
YA34L-TC516-FX	350 kcmil G,H,I,K,M, DLO 373 (925/24)	240	5/16	1.55	1.27	0.23	2.74	1-5/16
YA34L-TC38-FX			3/8	1.55	1.27	0.23	2.87	
YA34L-TC12-FX			1/2	1.55	1.27	0.23	3.12	
YA34L-TC58-FX			5/8	1.55	1.27	0.23	3.37	
YA36L-TC12-FX			1/2	1.74	1.38	0.27	3.29	
YA36L-TC58-FX	500 kcmil G,H DLO 444 (110/24)	—	5/8	1.74	1.38	0.27	3.54	1-3/8
YA38L-TC516-FX	500 kcmil H,I,K 550 kcmil G,H,I DLO 535 (325/24)	300	5/16	1.84	1.45	0.27	3.03	1-7/16
YA38L-TC38-FX			3/8	1.84	1.45	0.27	3.34	
YA38L-TC12-FX			1/2	1.84	1.45	0.27	3.41	
YA38L-TC58-FX			5/8	1.84	1.45	0.27	3.66	
YA40L-TC516-FX	650 kcmil G, DLO 646 (1600/24)	400	5/16	1.98	1.42	0.30	3.05	1-5/16
YA40L-TC38-FX			3/8	1.98	1.42	0.30	3.38	
YA40L-TC12-FX			1/2	1.98	1.42	0.30	3.43	
YA40L-TC58-FX			5/8	1.98	1.42	0.30	3.68	
YA44L-TC12-FX	750 kcmil G,H,I DLO 777 (1925/24)	500	1/2	2.19	1.65	0.33	3.79	1-5/8
YA44L-TC58-FX			5/8	2.19	1.65	0.33	4.04	

* Use PUADP-1 adapter with U dies in 46 Series tooling

** P-RT die sets for use in 46 Series 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

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

Notes:

All dimensions shown are for reference only.

Other configurations or features may be available (example: undrilled, different hole size, etc.).

Contact Customer Service for more information.

Type YA-L, YA-L-FX, YAV, YAV-L-FX (Continued)

INSTALLATION TOOL AND DIE INFORMATION

Catalog Number	Installation Tooling					Color Code	Die Index
	Dieless (# of crimps)	Mech.	Hydraulic				
		MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS	35, 39, 750 and 46" Series			
YA8CL-BOX	Y122CMR (1)	W8CVT (1) W8CRT (1) X8CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	U8CRT (1)	Red	49	
YA8CL1-BOX	Y1MRTC (1)						
YA8CL2-BOX	MY29-3 (1)						
YA8CL3-BOX	MY29-11 (1)						
YA8CL4-BOX	MRC840 (1) Y4PC834(1) Y8MRB-1 (1) Y/PAT81KFT (1)						
YAV6CL-TC10-FX	Y122CMR (1)	W5CVT (1) W5CRT (1) X5CRT (1)	W5CVT (1) W5CRT (1) X5CRT (1)	U5CRT (1)	Blue	7	
YAV6CL-TC14-FX	Y1MRTC (1)						
YAV6CL-TC516-FX	MY29-11 (1)						
YAV6CL-TC38-FX	MRC840 (1)						
YAV6CL-TC12-FX	Y8MRB-1 (1)						
YAV6CL-TC34-FX	Y/PAT81KFT (1)						
YAV4CL-TC10-FX	Y122CMR (1)	W4CVT (1) W4CRT (1) X4CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	U4CRT (1)	Gray	8	
YAV4CL-TC14-FX	MY29-11 (1)						
YAV4CL-TC516-FX	Y/PAT4PC834 (1)						
YAV4CL-TC38-FX	Y/PAT81KFT (1)						
YAV4CL-TC12-FX	Y1MRTC (2)						
YAV4CL-TC34-FX	Y/PAT644 (1)						
YAV2CL-TC10-FX	Y122CMR (1)	W2CVT (1) W2CRT (1) X2CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	U2CRT (1)	Brown	10	
YAV2CL-TC14-FX	MY29-11 (1)						
YAV2CL-TC516-FX	Y/PAT81KFT (1)						
YAV2CL-TC38-FX	Y/PAT4PC834 (1)						
YAV2CL-TC12-FX	Y1MRTC (2)						
YAV2CL-TC34-FX	Y/PAT644 (1)						
YAV1CL-TC10-FX	Y122CMR (1)	W1CVT (1) W1CRT1 (1) X1CRT1 (1)	W1CVT (1) W1CRT1 (1) X1CRT1 (1)	U1CRT1 (1)	Green	11	
YAV1CL-TC14-FX	MY29-11 (1)						
YAV1CL-TC516-FX	Y/PAT81KFT (1)						
YAV1CL-TC38-FX	Y/PAT4PC834 (1)						
YAV1CL-TC12-FX	Y1MRTC (2)						
YAV1CL-TC34-FX	Y/PAT644 (1)						
YAV25L-TC14-FX	Y/PAT644 (1)	W25VT (2) W25RT (2) X25RT (2)	W25VT (2) W25RT (2) X25RT (2)	U25RT (1)	Pink	12	
YAV25L-TC516-FX	MY29-11 (1)						
YAV25L-TC38-FX	Y/PAT81KFT (1)						
YAV25L-TC12-FX	Y/PAT4PC834 (1)						
YAV26L-TC10-FX	Y122CMR (1)						
YAV26L-TC14-FX	Y122CMR (1)	W26VT (2) W26RT (2) X26RT (2)	W26VT (2) W26RT (2) X26RT (2)	U26RT (1)	Black	13	
YAV26L-TC516-FX	MY29-11 (1)						
YAV26L-TC38-FX	Y/PAT81KFT (1)						
YAV26L-TC12-FX	Y/PAT4PC834 (1)						
YAV26L-TC58-FX	Y1MRTC (2)						
YAV26L-TC34-FX	Y/PAT644 (1)						
YAV27L-TC10-FX	Y122CMR (1)						
YAV27L-TC14-FX	Y/PAT644 (1)	W27VT (2) W27RT (2) X27RT (3)	W27VT (2) W27RT (2) X27RT (3)	U27RT (1)	Orange	14	
YAV27L-TC516-FX	MY29-11 (1)						
YAV27L-TC38-FX	Y/PAT81KFT (1)						
YAV27L-TC34-FX	Y/PAT4PC834 (1)						
YAV27L-TC12-FX	Y1MRTC (2)						
YAV28L-TC14-FX	Y122CMR (1)	W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	
YAV28L-TC516-FX	MY29-11 (1)						
YAV28L-TC38-FX	Y/PAT81KFT (1)						
YAV28L-TC12-FX	Y/PAT4PC834 (1)						
YAV28L-TC58-FX	Y1MRTC (2)						
YAV28L-TC34-FX	Y/PAT644 (1)						
YAV29L-TC14-FX	Y122CMR (1)						
YAV29L-TC516-FX	Y/PAT644HSXT (1)	W29VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16	
YAV29L-TC38-FX	MY29-11 (1)						
YAV29L-TC12-FX	Y/PAT81KFT (1)						
YAV29L-TC58-FX	Y/PAT4PC834 (1)						
YAV29L-TC34-FX	Y1MRTC (2)						
YA30L-TC516-FX	Y122CMR (1)	W29VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16	
YA30L-TC38-FX	MY29-11 (1)						
YA30L-TC12-FX	Y/PAT81KFT (1)						
YA30L-TC58-FX	Y/PAT4PC834 (1)						
YA30L-TC34-FX	Y1MRTC (2)						

Type YA-L, YA-L-FX, YAV, YAV-L-FX (Continued)

INSTALLATION TOOL AND DIE INFORMATION

Catalog Number	Installation Tooling					Color Code	Die Index
	Dieless (# of crimps)	Mech.	Hydraulic				
		MD6, OUR840, MD7-34R	BCT500HS, Y500CTS	35, 39, 750 and 46* Series			
YA31L-TC14-FX	Y/PAT644 (1) Y/PAT81KFT (1) Y/PAT4PC834 (1)	W30VT (2)	W30VT (2) W30RT (2)	U30RT (2)	White	17 or 298	
YA31L-TC516-FX							
YA31L-TC38-FX							
YA31L-TC12-FX							
YA31L-NT12-FX							
YA31L-TC58-FX							
YA31L-TC34-FX	Y/PAT644 (1) Y/PAT81KFT (1) Y/PAT4PC834 (1)	W31VT (2)	W31VT (2) W31RT (2)	U31RT (2)	Red	18 or 324	
YA32L-TC38-FX							
YA32L-TC12-FX							
YA32L-TC58-FX							
YA32L-TC100-FX							
YA34L-TC516-FX							Y/PAT644 (1) Y/PAT81KFT (1) Y/PAT4PC834 (1)
YA34L-TC38-FX							
YA34L-TC12-FX							
YA34L-TC58-FX							
YA36L-TC12-FX	Y/PAT644 (1) Y/PAT81KFT (2) Y/PAT4PC834 (2)	—	—	U34RT (2)	Brown	20 or 299	
YA36L-TC58-FX							
YA38L-TC516-FX	Y/PAT644 (1) Y/PAT81KFT (2) Y/PAT4PC834 (3)	—	—	U38XRT (2)	Pink	L99	
YA38L-TC38-FX							
YA38L-TC12-FX							
YA38L-TC58-FX							
YA40L-TC516-FX	Y/PAT644 (1) Y/PAT81KFT (2) Y/PAT4PC834 (3)	—	—	U39RT (2)	Black	24	
YA40L-TC38-FX							
YA40L-TC12-FX							
YA40L-TC58-FX							
YA44L-TC12-FX	Y/PAT644 (1) Y/PAT81KFT (2) Y/PAT4PC834 (3)	—	—	U44XRT (2) •P44XRT (2)	Yellow	L115	
YA44L-TC58-FX							

* Use PUADP-1 adapter with U dies in 46 Series tooling

** P-RT die sets for use in 46 Series 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

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

Notes:

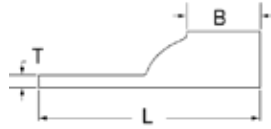
All dimensions shown are for reference only.

Other configurations or features may be available (example: undrilled, different hole size, etc.).

Contact Customer Service for more information.

TYPE YAV-L-NTFX
HYDENT™ Terminal

Single Hole, Standard Barrel, Narrow Tongue,
Uninsulated Copper Compression Terminal



Inspection window (skive) for visual verification that wire has been fully inserted prior to crimping. Narrow tongue (tang) designed to allow for parallel terminations of wire in limited space applications. Barrel designed with internal chamfer to ensure smooth wire insertion preventing possible damaging of the wire strands. Standard length barrel is recommended for installations with limited space requirements. Electro-tin plated unless otherwise specified to reduce galvanic corrosion. Connectors clearly marked with stamping and barrel color coding. Connector accommodating wire sizes #10-4/0 AWG accommodate both Flex and Code Wire. See tables on each page for specific details. 45° and 90° angle lugs may be available; contact customer service for more information.

Catalog Number	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Wire Strip Length
	AWG/KCMIL	MM ² ***			(B)	(T)	(L)	
YAV4CLNT10FX	#4 AWG #4 Flex G,H,I,K,M, DLO (105/24)	—	#10	0.41	0.50	0.09	1.32	1/2
YAV2CLNT14FX	#2 AWG #2 Flex G,H,I,K,M, DLO (150/24)	35	1/4	0.46	0.63	0.10	1.71	11/16
YAV2CLNT516FX			5/16	0.44	0.63	0.10	1.78	
YAV25LNT14FX	1/0 AWG 1/0 Flex G,H,I,K,M, DLO (275/24)	50	1/4	0.67	0.69	0.12	1.75	11/16
YAV25LNT516FX			5/16	0.67	0.69	0.12	1.81	
YAV25LNT38FX			3/8	0.76	0.69	0.13	1.94	
YAV26LNT516FX	2/0 AWG 2/0 Flex G,H,I,K,M, DLO (325/24)	70	5/16	0.90	0.81	0.13	1.98	13/16
YAV26LNT38FX			3/8	0.90	0.81	0.13	2.11	
YAV26LNT12FX			1/2	0.87	0.81	0.13	2.36	
YAV27LNT12FX	3/0 AWG 3/0 Flex G,H,I,K,M, DLO (450/24)	95	1/2	0.76	1.00	0.14	2.59	1-1/16
YAV28LNT516FX	4/0 AWG 4/0 Flex G,H,I,K,M, DLO (550/24)	—	5/16	0.94	1.03	0.15	2.29	1-1/16
YAV28LNT38FX			3/8	0.94	1.03	0.15	2.42	
YAV28LNT12FX			1/2	0.76	1.03	0.15	2.67	
YA30LNT516FX	250 kcmil G,H	—	5/16	0.96	1.03	0.15	2.48	1-1/8
YA31L-NT12-FX	250 kcmil I,K,M, DLO 262 (650/24)	150	1/2	0.96	1.06	0.18	2.75	1-1/8
YA32LNT516FX	300 kcmil G,H,I,K,M, DLO 313 (775/24)	185	5/16	0.96	1.19	0.19	2.65	1-1/4
YA32LNT38FX			3/8	0.96	1.19	0.19	2.68	
YA38LNT12FX	500 kcmil H,I,K 550 kcmil G,H,I DLO 525 (325/24)	300	1/2	1.63	1.45	0.27	3.41	1-7/16
YA38LNTM20FX			M20	1.63	1.45	0.27	3.84	
YA40LNT12FX	650 kcmil G DLO 646 (1600/24)	—	1/2	1.35	1.42	0.30	3.43	1-5/16
YA44LNT38FX	750 kcmil G,H, DLO 777 (1925/24)	500	3/8	1.50	1.65	0.33	3.79	1-5/8
YA44LNT12FX			1/2	1.62	1.65	0.33	3.98	

INSTALLATION TOOL AND DIE INFORMATION
NEXT PAGE

Type YAV-L-NTFX (Continued)

INSTALLATION TOOL AND DIE INFORMATION

Catalog Number	Installation Tooling					Color Code	Die Index
	Dieless (# of crimps)	Mech.	Hydraulic				
		MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS	Y35, Y39, Y750 Y46*, PAT750			
YAV4CLNT10FX	Y122CMR (2) MY29-11 (1) Y1MRTC (2) Y / PAT81KFT (1) Y / PAT644 (1)	W4CRT (1) W4CVT (1) X4CRT (1)	W4CRT (1) W4CVT (1) X4CRT (1)	U4CRT (1)	Gray	8	
YAV2CLNT14FX	Y122CMR (2) MY29-11 (1)	W2CRT (1) W2CVT (1)	W2CRT (1) W2CVT (1)	U2CRT (1)	Brown	10	
YAV2CLNT516FX	Y1MRTC (2) Y / PAT81KFT (1) Y / PAT644 (1)	X2CRT (1)	X2CRT (1)				
YAV25LNT14FX	MY29-11 (1)	W25VT (2)	W25VT (2)	U25RT (1)	Pink	12	
YAV25LNT516FX	Y / PAT644 (1)	W25RT (2)	W25RT (2)				
YAV25LNT38FX	Y / PAT81KFT (1)	X25RT (2)	X25RT (2)				
YAV26LNT14FX	MY29-11 (1)	W26VT (2)	W26VT (2)	U26RT (1)	Black	13	
YAV26LNT38FX	Y / PAT644 (1)	W26RT (2)	W26RT (2)				
YAV26LNT12FX	Y / PAT81KFT (1)	X26RT (2)	X26RT (2)				
YAV27LNT12FX	MY29-11 (1) Y / PAT644 (1) Y / PAT81KFT (2) Y / PAT4PC834 (1)	W27VT (2) W27RT (2) X27RT (3)	W27VT (2) W27RT (2) X27RT (3)	U27RT (1)	Orange	14	
YAV28LNT516FX	MY29-11 (1)	W28VT (2)	W28VT (2)	U28RT (1)	Purple	15	
YAV28LNT38FX	Y / PAT644 (1)	W28RT (2)	W28RT (2)				
YAV28LNT12FX	Y / PAT81KFT (1)	X28RT (3)	X28RT (3)				
YA30LNT516FX	Y / PAT644 (1) Y / PAT81KFT (2)	W30VT (4)	—	U30RT (2)	White	17	
YA31L-NT12-FX	Y / PAT644 (1) Y / PAT81KFT (1) Y / PAT4PC834 (1)	W30VT (2)	W30VT (2) W30RT (2)	U30RT (2)	White	17 or 298	
YA32LNT516FX	Y / PAT644 (1)	W31VT (2)	W31VT (2)	U31RT (2)	Red	18	
YA32LNT38FX	Y / PAT81KFT (1)		W31RT (2)				
YA38LNT12FX	Y / PAT644 (1)	—	—	U38XRT (2)	Pink	L99	
YA38LNTM20FX	Y / PAT81KFT (2)	—	—	—	—	—	
YA40LENT12FX	Y / PAT644 (1) Y / PAT81KFT (2) Y / PAT4PC834 (3)	—	—	U39RT (2)	Black	24	
YA44LNT38FX	Y / PAT644 (1)	—	—	U44XRT (2)	Yellow	L115	
YA44LNT12FX	Y / PAT81KFT (2)			•P44XRT (2)			

* Use PUADP-1 adapter with U dies in 46 Series tooling

** P-RT die sets for use in 46 Series 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

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

Notes:

All dimensions shown are for reference only.

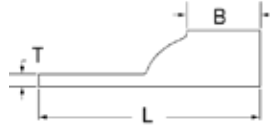
Other configurations or features may be available (example: undrilled, different hole size, etc.).

Contact Customer Service for more information.

**TYPE YAV-2TC, YA-L2L,
YA-2LN, and YA-L-2TC**
HYDENT™ Terminal



Two Hole, Standard Barrel,
Uninsulated Copper Compression Terminal



Inspection window (skive) for visual verification that wire has been fully inserted prior to crimping. Barrel designed with internal chamfer to ensure smooth wire insertion preventing possible damaging of the wire strands. Standard length barrel is recommended for installations with limited space requirements. Electro-tin plated unless otherwise specified to reduce galvanic corrosion. Connectors clearly marked with stamping and barrel color coding. See tables on each page for specific details. 45° and 90° angle lugs may be available; contact customer service for more information.

Catalog Number	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Wire Strip Length			
	AWG	MMF ***				(B)	(T)	(L)				
YAV10-2TC10	#14-10 Str. #12-10 Sol.	6	#10	5/8"	0.36	0.38	0.06	1.72	7/16			
YAV10-2TC14			1/4	5/8"	0.41	0.38	0.05	1.84				
YAV10-2TC14E1			1/4	1"	0.41	0.38	0.05	2.22				
YAV10-2TC14E2			1/4	3/4"	0.41	0.38	0.05	1.97				
YAV10-2TC38			3/8	1"	0.56	0.38	0.04	2.40				
YA8C-L2TC10	#8 AWG #8 Flex G,H,I,K,M DLO 37/24	† 10	#10	5/8	0.41	0.44	0.08	1.83	7/16			
YA8CL-2TC10E2			#10	3/4"	0.41	0.44	0.08	1.95				
YA8C-L2TC14			1/4	5/8	0.44	0.44	0.08	1.95				
YA8C-L2TC14E2			1/4	3/4	0.44	0.44	0.08	2.08				
YA8C-L2TC14E1			1/4	1	0.44	0.44	0.08	2.33				
YA8C-L2TC38			3/8	1	0.58	0.44	0.06	2.52				
YA8C-2LN			1/2	1-3/4"	0.83	0.44	0.12	3.75				
YA6C-2L51	6 AWG Sol./Str	—	#10	1/2"	0.42	0.54	0.09	1.79	5/8			
YA6CL-2TC10			#10	5/8"	0.42	0.54	0.09	1.94				
YA6C-2L52			1/4	1/2"	0.45	0.54	0.08	1.88				
YA6CL-2TC14E			1/4	1/2"	0.45	0.54	0.08	1.94				
YA6C-2L			1/4	5/8"	0.45	0.54	0.08	2.01				
YA6CL-2TC14			1/4	5/8"	0.45	0.54	0.08	2.07				
YA6CL-2TC14E2			1/4	3/4"	0.45	0.54	0.08	2.19				
YA6CL-2TC14E1			1/4	1"	0.45	0.54	0.08	2.44				
YA6CL-2TC516E2			5/16	3/4"	0.52	0.54	0.07	2.53				
YA6CL-2TC516			5/16	1"	0.52	0.54	0.07	2.78				
YA6CL-2TC38			3/8	1"	0.58	0.54	0.06	2.63				
YA6C2LN			1/2	1-3/4"	0.83	0.54	0.12	4.10				
YA5C-2L			5 AWG	—	1/4	5/8"	0.44	0.81		0.07	2.28	7/8
YA4C-2L			4 AWG	—	1/4	5/8"	0.50	0.81		0.09	2.30	7/8
YA4CL-2TC14	1/4	5/8"			0.50	0.81	0.09	2.36				
YA4CL-2TC14E2	1/4	3/4"			0.50	0.81	0.09	2.49				
YA4CL-2TC14E1	1/4	1"			0.50	0.81	0.09	2.74				
YA4CL-2TC516	5/16	1"			0.52	0.81	0.09	2.80				
YA4CL-2TC38	3/8	1"			0.58	0.81	0.08	2.96				
YA4C-2LN	1/2	1-3/4"			0.83	0.81	0.12	4.14				
YA3CL-2TC14	3 AWG #2 Sol.	25	1/4	5/8"	0.55	0.88	0.09	2.45	15/16			
YA3C-2L			5/16	5/8"	0.55	0.88	0.09	2.64				
YA3CL-2TC38			3/8	1"	0.58	0.88	0.08	3.06				
YA2CL-2TC14	#2 AWG	35	1/4	5/8"	0.60	0.88	0.11	2.47	15/16			
YA2CL-2TC14E2			1/4	3/4"	0.60	0.88	0.11	2.60				
YA2CL-2TC14E1			1/4	1"	0.60	0.88	0.11	2.85				
YA2C-2L			5/16	3/4"	0.60	0.88	0.11	2.67				
YA2CL-2TC516			5/16	1"	0.60	0.88	0.11	2.91				
YA2CL-2TC38			3/8	1"	0.60	0.88	0.11	3.03				
YA2C-2LN			1/2	1-3/4"	0.83	0.88	0.12	4.27				
YA1CL-2TC14	1 AWG	50	1/4	5/8"	0.68	0.88	0.10	2.51	15/16			
YA1CL-2TC14E2			1/4	3/4"	0.68	0.88	0.10	2.64				
YA1C-2L			5/16	7/8"	0.68	0.88	0.10	2.82				
YA1CL-2TC38			3/8	1"	0.68	0.88	0.10	3.07				
YA1C-2LN			1/2	1-3/4"	0.83	0.88	0.12	4.32				

Type YAV-2TC, YA-L2L, YA-2LN, and YA-L-2TC (Continued)

Catalog Number	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Wire Strip Length
	AWG	MMF ***				(B)	(T)	(L)	
YA25L-2TC14	1/0 AWG	—	1/4	5/8"	0.75	0.88	0.12	2.54	15/16
YA25L-2TC14E2			1/4	3/4"	0.75	0.88	0.12	2.66	
YA25L-2TC14E1			1/4	1"	0.75	0.88	0.12	2.91	
YA25-2L			5/16	7/8"	0.75	0.88	0.12	2.85	
YA25L-2TC38			3/8	1"	0.75	0.88	0.12	3.10	
YA25-2LN			1/2	1-3/4"	0.83	0.88	0.11	4.29	
YA26L-2TC14	2/0 AWG	70	1/4	5/8"	0.83	0.94	0.12	2.64	1
YA26L-2TC14E2			1/4	3/4"	0.83	0.94	0.12	2.76	
YA26L-2TC14E1			1/4	1"	0.83	0.94	0.12	3.01	
YA26-2L			5/16	7/8"	0.83	0.94	0.12	2.95	
YA26L-2TC38			3/8	1"	0.83	0.94	0.12	3.20	
YA26-2LN			1/2	1-3/4"	0.83	0.94	0.12	4.39	
YA27L-2TC14E2	3/0 AWG	—	1/4	3/4"	1.00	1.00	0.12	2.86	1-1/16
YA27L-2TC38			3/8	1"	1.00	1.00	0.12	3.30	
YA27-2LN			1/2	1-3/4"	0.91	1.00	0.13	4.48	
YA28L-2TC14E2	4/0 AWG	—	1/4	3/4"	1.02	0.88	0.14	2.78	1-1/8
YA28L-2TC14E1			1/4	1"	1.02	0.88	0.14	3.03	
YA28L-2NTC516			5/16	1-3/4"	1.02	0.88	0.14	3.84	
YA28L-2TC38E2			3/8	3/4"	1.02	0.88	0.14	2.97	
YA28L-2TC38			3/8	1"	1.02	0.88	0.14	3.22	
YA28-2LN			1/2	1-3/4"	1.02	0.88	0.14	4.41	
YA29L-2TC38	250 kcmil	—	3/8	1.00"	1.10	1.06	0.16	3.43	1-1/8
YA29-2LN			1/2	1-3/4"	1.10	1.06	0.16	4.62	
YA30L-2TC-38	300 kcmil	150	3/8	1"	1.20	1.03	0.16	3.45	1
YA30-2LN			1/2	1-3/4"	1.20	1.03	0.16	4.63	
YA31L-2TC14E2	350 kcmil	185	1/4	3/4"	1.29	1.06	0.18	3.07	1-1/8
YA31L-2NTC516			5/16	1-3/4"	1.29	1.06	0.18	4.13	
YA31L-2TC38			3/8	1"	1.29	1.06	0.18	3.51	
YA31L-2TC12			1/2	1-1/4"	1.29	1.06	0.18	4.01	
YA31-2LN			1/2	1-3/4"	1.29	1.06	0.18	4.70	
YA32-2L	400 kcmil	—	3/8	1"	1.40	1.19	0.19	3.75	1-1/4
YA32L-2TC38			3/8	1"	1.40	1.19	0.19	3.69	
YA32L-2TC38E5			3/8	1-1/16"	1.40	1.19	0.19	3.75	
YA32-2LN			1/2	1-3/4"	1.40	1.19	0.19	4.88	
YA33-2LN	450 kcmil	—	1/2	1-3/4"	1.48	1.50	0.21	5.23	1-9/16
YA34L-2TC14E2	500 kcmil	240	1/4	3/4"	1.55	1.27	0.23	3.44	1-7/16
YA34-2L			3/8	1"	1.55	1.27	0.23	3.94	
YA34L-2TC38			3/8	1"	1.55	1.27	0.23	3.88	
YA34L-2TC12			1/2	1-1/4"	1.55	1.27	0.23	4.38	
YA34-2LN			1/2	1-3/4"	1.55	1.27	0.23	5.06	
YA35-2L	550 kcmil	—	3/8	1-1/8"	1.65	1.69	0.25	4.64	1-3/4
YA35-2LN			1/2	1-3/4"	1.65	1.69	0.25	5.51	
YA36L-2TC38	600 kcmil	300	3/8	1"	1.74	1.38	0.27	4.23	1-3/4
YA36-2LN			1/2	1-3/4"	1.74	1.38	0.27	5.23	
YA39L-2TC38	750 kcmil	—	3/8	1"	1.91	1.42	0.27	4.36	1-15/16
YA39-2L			3/8	1-1/8"	1.91	1.42	0.27	4.48	
YA39L-2TC12E3			1/2	1-1/2"	1.91	1.42	0.27	4.92	
YA39-2LN			1/2	1-3/4"	1.91	1.42	0.27	5.36	
YA39L-2TC58			5/8	1-1/2"	1.91	1.42	0.27	5.17	
YA40L-2TC38			3/8	1"	1.98	1.42	0.30	4.37	
YA40-2L	800 kcmil	400	3/8	1-1/8"	1.98	1.42	0.30	4.50	1-15/16
YA40-2LN			1/2	1-3/4"	1.98	1.42	0.30	5.38	
YA44-2L			1/2	1-1/4"	2.19	1.65	0.33	5.24	
YA44L-2TC12	1000 kcmil	500	1/2	1-1/4"	2.19	1.65	0.33	5.05	1-15/16
YA44-2LN			1/2	1-3/4"	2.19	1.65	0.33	5.74	

**INSTALLATION TOOL AND DIE INFORMATION
NEXT PAGE**

Type YAV-2TC, YA-L2L, YA-2LN, and YA-L-2TC (Continued)

INSTALLATION TOOL AND DIE INFORMATION

Catalog Number	Installation Tooling					Color Code	Die Index					
	Dieless (# of crimps)	Mech.	Hydraulic									
		MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS	Y35, Y39, Y750 Y46*, PAT750								
YAV10-2TC10	MR20 (1)Y8MRB-1 (1) Y122CMR (1)	—	—	—	—	—						
YAV10-2TC14												
YAV10-2TC14E1												
YAV10-2TC14E2												
YAV10-2TC38												
YA8C-L2TC10	Y122CMR (1) Y1MRTC (1) Y8MRB-1 (1) MY29-3 (1) MY29-11 (1) MRC840 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	U8CRT (1)	Red	49						
YA8CL-2TC10E2												
YA8C-L2TC14												
YA8C-L2TC14E2												
YA8C-L2TC14E1												
YA8C-L2TC38		W5CVT (1) W5CRT (1) X5CRT (1) X8CART (1)	W5CVT (1) W5CRT (1) X5CRT (1) X8CART (1)	U5CRT (1) U8CABT (1)	Blue	7 or 374						
YA8C-2LN												
YA6C-2L51												
YA6CL-2TC10												
YA6C-2L52												
YA6CL-2TC14E												
YA6C-2L												
YA6CL-2TC14												
YA6CL-2TC14E2												
YA6CL-2TC14E1												
YA6CL-2TC516E2	Y122CMR (1) Y1MRTC (1) MY29-3 (1) MY29-11 (1) MRC840 (1) Y81KFT (1) PAT81KFT (1)	W5CVT (1) W5CRT (1) X5CRT (1) X8CART (1)	W5CVT (1) W5CRT (1) X5CRT (1) X8CART (1)	U5CRT (1) U8CABT (1)	Blue	7 or 374						
YA6CL-2TC516												
YA6CL-2TC38												
YA6C2LN												
YA5C-2L												
YA4C-2L							Y122CMR (2) Y1MRTC (2) MY29-3 (1) MY29-11 (1) MRC840 (1) Y644HSXT (1) Y81KFT (1) PAT81KFT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	U4CRT (1) U6CABT (1)	Gray	8 or 346
YA4CL-2TC14												
YA4CL-2TC14E2												
YA4CL-2TC14E1												
YA4CL-2TC516												
YA4CL-2TC38												
YA4C-2LN												
YA3CL-2TC14	Y122CMR** (2) Y1MRTC (2) MY29-3 (1) MY29-11 (1) MRC840 (1) Y644HSXT (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT (1)	W3CRT (1)	W3CRT (1)	U3CRT (1)	White	9						
YA3C-2L												
YA3CL-2TC38												
YA2CL-2TC14		W2CVT (1) W2CRT (1) X2CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	U2CRT (1)	Brown	10						
YA2CL-2TC14E2												
YA2CL-2TC14E1												
YA2C-2L												
YA2CL-2TC516												
YA2CL-2TC38		W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	U1CRT-1 (1) U4CABT (1)	Green	11 or 375						
YA2C-2LN												
YA1CL-2TC14												
YA1CL-2TC14E2												
YA1C-2L												
YA1CL-2TC38	MY29-3 (1) MY29-11 (1) MRC840 (2) Y644HSXT (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT (1)	W25VT (2) W25RT (2) X25RT (2)	W25VT (2) W25RT (2) X25RT (2)	U25RT (1) U2CABT (1)	Pink	12 or 348						
YA1C-2LN												
YA25L-2TC14												
YA25L-2TC14E2												
YA25L-2TC14E1												
YA25-2L												
YA25L-2TC38												
YA25-2LN												

Type YAV-2TC, YA-L2L, YA-2LN, and YA-L-2TC (Continued)

INSTALLATION TOOL AND DIE INFORMATION

Catalog Number	Dieless (# of crimps)	Installation Tooling			Color Code	Die Index			
		Mech. MD6, OUR840, MD7-34R	Hydraulic						
			BCT500HS, Y500CTHS	Y35, Y39, Y750 Y46*, PAT750					
YA26L-2TC14	MY29-3 (1) MY29-11 (1) MRC840 (2) Y644HSXT (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT (1)	W26VT (2) W26RT (2) X26RT (2)	W26VT (2) W26RT (2) X26RT (2)	U26RT (1)	Black	13			
YA26L-2TC14E2									
YA26L-2TC14E1									
YA26-2L		MY29-3 (1) MY29-11 (1) MRC840 (2) Y644HSXT (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT (1)	W27VT (2) W27RT (2) X27RT (3)	W27VT (2) W27RT (2) X27RT (3)	U27RT (1)	Orange	14		
YA26L-2TC38									
YA26-2LN									
YA27L-2TC14E2			MY29-3 (1) MY29-11 (1) MRC840 (2) Y644HSXT (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT (1)	W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	
YA27L-2TC38									
YA27-2LN									
YA28L-2TC14E2				MY29-3 (1) MY29-11 (1) Y644HSXT (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT (1)	W29VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16
YA28L-2TC14E1									
YA28L-2NTC516									
YA28L-2TC38E2	Y644HSXT (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT (1)				W30VT (2)	W30VT (2) W30RT (2)	U30RT (2) U28ART (2)	White	17 or 298
YA28L-2TC38									
YA28-2LN									
YA29L-2TC38		Y644HSXT (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT (1)			W31VT (2)	W31VT (2) W31RT (2)	U31RT (2) U29ART (2)	Red	18 or 324
YA29-2LN									
YA30L-2TC-38									
YA30-2LN			Y644HSXT (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT (1)		W32VT (2)	W32VT (2) W32RT (2)	U32RT (2) U30ART (2)	Blue	19 or 470
YA31L-2NTC516									
YA31L-2TC38									
YA31L-2TC12				Y644HSXT (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT (1)	W33VT (2)	W33VT (2) W33RT (2)	U33RT (2)	Gray	326 or 538
YA31-2LN									
YA32-2L									
YA32L-2TC38	Y644HSXT (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT (1)				W34VT (2)	W34VT (2) W34RT (2)	U34RT (2) U31ART (2)	Brown	20 or 299
YA32L-2TC38E5									
YA32-2LN									
YA33-2LN		Y644HSXT (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT (1)			—	—	U35RT (2)	Yellow	21
YA34L-2TC14E2									
YA34-2L									
YA34L-2TC38			Y644HSXT (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT (1)		—	—	U36RT (2) U32ART (2)	Green	22 or 472
YA34L-2TC12									
YA34-2LN									
YA35-2L				Y644HSXT (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT (1)	—	—	U39RT (2) P39RT (2)	Black	24
YA35-2LN									
YA36L-2TC38									
YA36-2LN	Y644HSXT (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT (2)				—	—	P40RT (3)	Orange	25
YA39L-2TC38									
YA39-2L									
YA39L-2TC12E3		Y644HSXT (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT (2)			—	—	P44RT (3)	White	27
YA39-2LN									
YA39L-2TC58									
YA40L-2TC38			Y644HSXT (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT (2)		—	—	P40RT (3)	Orange	25
YA40-2L									
YA40-2LN									
YA44-2L				Y644HSXT (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT (2)	—	—	P44RT (3)	White	27
YA44L-2TC12									
YA44-2LN									

— Color code not assigned

* Use PUADP-1 adapter with U dies in 46 Series tooling

** P-RT die sets for use in 46 Series 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

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

Notes:

All dimensions shown are for reference only.

Other configurations or features may be available (example: undrilled, different hole size, etc.).

Contact Customer Service for more information.

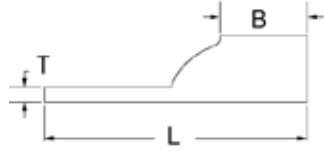
TYPE YA-L-2NT
HYDENT™ Terminal



Two Hole, Standard Barrel, Narrow Tongue,
Uninsulated Copper Compression Terminal



Inspection window (skive) for visual verification that wire has been fully inserted prior to crimping. 2-hole tongue/tang recommended when space permits as this minimizes the terminations from loosening or rotating under vibration, movement, or heat cycling. Barrel designed with internal chamfer to ensure smooth wire insertion preventing possible damaging of the wire strands. Standard length barrel and narrow tongue/ tang recommended for installations with limited space requirements. Electro-tin plated unless otherwise specified to reduce galvanic corrosion. Connectors clearly marked with stamping and barrel color coding. See tables on each page for specific details. 45° and 90° angle lugs may be available; contact customer service for more information.



Catalog Number	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Wire Strip Length
	AWG	MM ² ***				(B)	(T)	(L)	
YA2CL2NT14	#2 AWG	35	1/4	5/8"	0.48	0.88	0.11	2.47	15/16
YA2CL2NT14E2			1/4	1/4"	0.48	0.88	0.11	2.60	
YA2CL2NT14E1			1/4	1"	0.48	0.88	0.11	2.84	
YA1CL2NT14	#1 AWG	50	1/4	5/8"	0.50	0.88	0.11	2.55	15/16
YA1CL2NT14E2			1/4	3/4"	0.50	0.88	0.10	2.68	
YA25L2NT14	1/0 AWG	—	1/4	5/8"	0.48	0.88	0.12	2.56	15/16
YA25L2NT14E1			1/4	1"	0.48	0.88	0.12	3.28	
YA26L2NT14	2/0 AWG	70	1/4	5/8"	0.48	0.94	0.12	2.66	1
YA26L2NT14E1			1/4	1"	0.48	0.94	0.12	3.03	
YA27L2NT14	3/0 AWG	—	1/4	5/8"	0.76	1.00	0.13	2.73	1-1/16
YA27L2NT38			3/8	1"	0.60	1.00	0.13	3.30	
YA27L2NT516			5/16	1"	0.60	1.00	0.13	3.26	
YA28L2NT14	4/0 AWG	—	1/4	5/8"	0.76	0.88	0.13	2.65	1-1/16
YA29L2NT38	250 kcmil	—	3/8	1"	0.80	1.00	0.16	3.43	1-1/8
YA29L2NT38E16			3/8	1-3/4"	0.80	1.06	0.16	4.18	
YA31L2NT38	350 kcmil	185	3/8	1"	0.96	1.06	0.18	3.51	1-1/8
YA31L2NT38E16			3/8	1-3/4"	0.88	1.06	0.18	4.26	
YA34L2NT38	500 kcmil	240	3/8	1"	0.96	1.27	0.23	3.65	1-7/16
YA34L2NT38E16			3/8	1-3/4"	0.96	1.27	0.23	4.63	
YA34L2NT12E1			1/2	1"	0.96	1.27	0.23	4.13	
YA36L2NNT	600 kcmil	300	1/2	1-3/4"	1.12	1.38	0.27	5.43	1-3/4
YA39L2NT38	750 kcmil	—	3/8	1"	1.63	1.42	0.27	4.34	1-1/2
YA39L2NT38E16			3/8	1-3/4"	1.30	1.42	0.27	5.11	
YA39L2NT12E1			1/2	1"	1.30	1.42	0.27	4.42	
YA44L2NTC12E24	1000 kcmil	—	1/2	1.85	1.63	1.65	0.33	5.65	1-15/16

INSTALLATION TOOL AND DIE INFORMATION
NEXT PAGE

Type YA-L-2NT (Continued)

INSTALLATION TOOL AND DIE INFORMATION

Catalog Number	Dieless (# of crimps)	Installation Tooling			Color Code	Die Index
		Mech.	Hydraulic			
		MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS	Y35, Y39, 750 Series, 46 Series*		
YA2CL2NT14	Y122CMR** (1)					
YA2CL2NT14E2	MRC840 (1)	W2CVT (1)	W2CVT (1)	U2CRT (1)	Brown	10
YA2CL2NT14E1	MY29-3 (1)					
YA1CL-2NT14	MY29-11 (1)					
YA1CL2NT14E2	Y644HSXT (1) Y1MRTC (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT (1)	W1CVT (1)	W1CRT-1 (1)	U1CRT-1 (1)	Green	11
YA25L2NT14		W25VT (2)	W25VT (2)	U25RT (1)	Pink	12
YA25L2NT14E1						
YA26L2NT14	MRC840 (2)	W26VT (1)	W26VT (2) X26RT (2)	U26RT (1)	Black	13
YA26L2NT14E1	MY29-3 (1) MY29-11 (1)					
YA27L2NT14	Y644HSXT (1)	W27VT (2)	W27VT (2)			
YA27L2NT38	Y81KFT (1)	W27RT (2)	W27RT (2)	U27RT (1)	Orange	14
YA27L2NT516	Y81KFTMBH (1) PAT81KFT (1)	X27RT (3)	X27RT (3)			
YA28L2NT14		W28RT (2)	W28RT (2) X28RT (3)	U28RT (1)	Purple	15
YA29L2NT38	MY29-3 (1) MY29-11 (1)					
YA29L2NT38E16	Y644HSXT (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT (1)	W29VT (2) X29RT (2)	W29VT (2) W29RT (2) X29RT (2)	U29RT (1)	Yellow	16
YA31L2NT38		W31VT (2)	W31VT (2) W31RT (2)	U31RT (1) U29ART (2)	Red	18
YA31L2NT38E16	Y644HSXT (1) Y81KFT (1)					
YA34L2NT38	Y81KFTMBH (1)					
YA34L2NT38E16	Y81KFTMBH (1) PAT81KFT (1)	W34VT (4)	W34VT (4)	U34RT (2)	Brown	20 or 22
YA34L2NT12E1						
YA36L2NNT	Y644HSXT (1)	—	—	U36RT (2)	Green	472
YA39L2NT38	Y81KFT (1)					
YA39L2NT38E16	Y81KFTMBH (1) PAT81KFT (1)	—	—	U39RT (2)	Black	24
YA39L2NT12E1						
YA44L2NTC12E24	Y644HSXT (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT (2)	—	—	•P44RT (3)	White	27

* Use PUADP-1 adapter with U dies in 46 Series tooling

• P-RT die sets for use in 46 Series only, PUADP-1 adapter not required

** Y122CMR tool #10-#2 AWG Wire Only

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

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

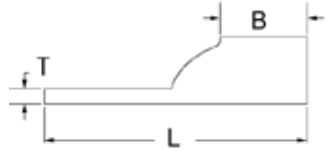
TYPE YA-2N, YA-2TC, YA-4N
HYDENT™ Terminal



Two or Four Hole, Long Barrel,
 Uninsulated Copper Compression Terminal



No inspection window (skive) for more corrosive environments. Barrel designed with an internal chamfer at the wire entry to ensure smooth insertion of wire. Long barrel design allows for an increased number of crimps increasing the mechanical strength of the connection. Two- or Four-hole tongue/tang designs minimizes the terminations from loosening or rotating under vibration, movement or heat cycling. Electro-tin plated unless otherwise specified to reduce galvanic corrosion. Connectors clearly marked with stamping and barrel color coding. See tables on each page for specific details. 45° and 90° angle lugs may be available; contact customer service for more information.



Catalog Number	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Wire Strip Length			
	AWG	MM ² ***				(B)	(T)	(L)				
YA8C2TC14			1/4	5/8"	0.44	0.81	0.08	2.33				
YA8C2TC14E2			1/4	3/4"	0.44	0.81	0.08	2.45				
YA8C2TC38	#8 AWG #8 Flex G,H,I,K,M DLO 37/24	† 10	3/8	1"	0.58	0.81	0.06	2.89	7/8			
YA6C2TC14	#6 AWG Sol./ Str	—	1/4	5/8"	0.45	1.12	0.08	2.65	1-3/16			
YA6C2TC14E2			1/4	3/4"	0.45	1.12	0.08	2.78				
YA6C2TC14E1			1/4	1"	0.45	1.12	0.08	3.03				
YA6C2TC38E2			3/8	3/4"	0.58	1.12	0.06	2.97				
YA6C2TC38E6			3/8	7/8"	0.58	1.12	0.06	3.09				
YA6C2TC38			3/8	1"	0.58	1.12	0.06	3.22				
YA6C2N			1/2	1-3/4"	0.83	1.12	0.12	4.40				
YA5C2N	#5 AWG	—	1/2	1-3/4"	0.83	1.12	0.12	4.43	1-3/16			
YA4C2TC14	#4 AWG	—	1/4	5/8"	0.50	1.12	0.09	2.70	1-3/16			
YA4C2TC14E2			1/4	3/4"	0.50	1.12	0.09	2.83				
YA4C2TC38			3/8	1"	0.58	1.12	0.08	3.26				
YA4C2N			1/2	1-3/4"	0.83	1.12	0.12	4.45				
YA3C2TC14	#3 Str. #3 AWG #2 Sol.	25	1/4	5/8"	0.55	1.25	0.09	2.87	1-5/16			
YA3C2TC14E2			1/4	3/4"	0.55	1.25	0.09	2.99				
YA3C2TC38E2			3/8	3/4"	0.58	1.25	0.08	3.18				
YA3C2TC38			3/8	1"	0.58	1.25	0.08	3.43				
YA3C2N			1/2	1-3/4"	0.83	1.25	0.12	4.62				
YA2C2TC14	#2 AWG	35	1/4	5/8"	0.60	1.25	0.11	2.86	1-5/16			
YA2C2TC14E2			1/4	3/4"	0.60	1.25	0.11	2.98				
YA2C2TC516E2			5/16	3/4"	0.60	1.25	0.11	3.05				
YA2C2TC38E2			3/8	3/4"	0.60	1.25	0.11	3.17				
YA2C2TC38E6			3/8	7/8"	0.60	1.25	0.11	3.30				
YA2C2TC38			3/8	1"	0.60	1.25	0.11	3.42				
YA2C2NTC38			3/8	1-3/4"	0.60	1.25	0.11	4.17				
YA2C2N			1/2	1-3/4"	0.83	1.25	0.12	4.64				
YA1C2TC14			#1 AWG	50	1/4	5/8"	0.67	1.38		0.10	3.03	1-7/16
YA1C2TC14E2					1/4	3/4"	0.67	1.38		0.10	3.15	
YA1C2TC38					3/8	1"	0.67	1.38		0.10	3.59	
YA1C2N	1/2	1-3/4"			0.83	1.38	0.12	4.82				
YA252TC14	1/0 AWG	—	1/4	5/8"	0.75	1.38	0.12	3.05	1-7/16			
YA252TC14E2			1/4	3/4"	0.75	1.38	0.12	3.18				
YA252TC516			5/16	1"	0.75	1.38	0.12	3.49				
YA252TC38			3/8	1"	0.75	1.38	0.12	3.62				
YA252NTC38			3/8	1-3/4"	0.75	1.38	0.12	4.37				
YA252N			1/2	1-3/4"	0.83	1.38	0.11	4.81				
YA262TC14	2/0 AWG	70	1/4	5/8"	0.83	1.50	0.12	3.22	1-9/16			
YA262TC14E2			1/4	3/4"	0.83	1.50	0.12	3.34				
YA262TC38			3/8	1"	0.83	1.50	0.12	3.78				
YA262N			1/2	1-3/4"	0.83	1.50	0.12	4.97				

Type YA-2N, YA-2TC, YA-4N (Continued)

Catalog Number	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Wire Strip Length
	AWG	MM ² ***				(B)	(T)	(L)	
YA272TC14E2	3/0 AWG	—	1/4	3/4"	0.90	1.50	0.12	3.38	1-9/16
YA272TC38			3/8	1"	0.90	1.50	0.12	3.82	
YA272N			1/2	1-3/4"	0.91	1.50	0.13	5.01	
YA282TC14E2	4/0 AWG	—	1/4	3/4"	1.02	1.62	0.14	3.55	1-11/16
YA282TC38			3/8	1"	1.02	1.62	0.14	3.99	
YA282NTC38			3/8	1-3/4"	1.02	1.62	0.14	4.74	
YA282N			1/2	1-3/4"	1.02	1.62	0.14	5.17	
YA292TC38	250 kcmil	—	3/8	1"	1.10	1.62	0.16	4.02	1-11/16
YA292N			1/2	1-3/4"	1.11	1.62	0.16	5.21	
YA292TC58E16			5/8	1-3/4"	1.11	1.62	0.16	5.27	
YA302TC38	300 kcmil	150	3/8	1"	1.20	2.00	0.16	4.45	2-1/16
YA302N			1/2	1-3/4"	1.20	2.00	0.16	5.64	
YA312TC14E2	350 kcmil	185	1/4	3/4"	1.29	2.00	0.18	4.05	2-1/16
YA312TC38			3/8	1"	1.29	2.00	0.18	4.49	
YA312N			1/2	1-3/4"	1.29	2.00	0.18	5.69	
YA322TC38	400 kcmil	—	3/8	1"	1.40	2.12	0.19	4.66	2-3/16
YA322N			1/2	1-3/4"	1.40	2.12	0.19	5.85	
YA332N	450 kcmil	—	1/2	1-3/4"	1.48	2.13	0.21	5.93	2-3/16
YA342TC14E2	500 kcmil	240	1/4	3/4"	1.55	2.25	0.23	4.46	2-5/16
YA342TC38			3/8	1"	1.55	2.25	0.23	4.90	
YA342N			1/2	1-3/4"	1.55	2.25	0.23	6.06	
YA352N	550 kcmil	—	1/2	1-3/4"	1.65	2.63	0.25	6.49	2-11/16
YA362TC38	600 kcmil	300	3/8	1"	1.74	2.69	0.26	5.59	2-3/4
YA362N			1/2	1-3/4"	1.74	2.69	0.27	6.59	
YA392NT38	750 kcmil	—	3/8	1"	1.91	2.88	0.27	5.87	2-15/16
YA392TC38			3/8	1"	1.63	2.88	0.27	5.87	
YA392N			1/2	1-3/4"	1.91	2.88	0.27	6.87	
YA392ENNT			1/2	1-3/4"	1.30	2.88	—	6.87	
YA402N	800 kcmil	400	1/2	1-3/4"	1.98	2.94	0.30	6.95	3
YA442TC38	1000 kcmil	500	3/8	1"	2.19	3.00	0.33	6.14	3-1/16
YA442N	1000 kcmil	500	1/2	1-3/4"	2.19	3.00	0.32	7.14	3-1/16
YA452N	1250 kcmil	—	1/2	1-3/4"	2.46	3.19	0.38	7.44	3-1/4
YA462N	1500 kcmil	—	1/2	1-3/4"	2.69	3.19	0.40	7.55	3-1/4
YA472N	1750 kcmil	—	1/2	1-3/4"	2.90	3.44	0.42	7.89	3-1/2
YA482N	2000 kcmil	—	1/2	1-3/4"	3.10	3.44	0.46	7.98	3-1/2

Type YA-2N, YA-2TC, YA-4N (Continued)

INSTALLATION TOOL AND DIE INFORMATION

Catalog Number	Installation Tooling					Color Code	Die Index
	Dieless (# of crimps)	Mech.	Hydraulic				
		MD6, OUR840, MD7-34R	BCT500, Y500CT	Y35, Y39, 750 Series, 46 Series*			
YA8C2TC14	Y8MRB-1 (2), Y1MRTC, MY293 (2), MY2911 (2), MRC840 (2), Y / PAT81KFT (1)	W8CVT (2) W8CRT (2) X8CRT (2)	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (2)	Red	49	
YA8C2TC14E2							
YA8C2TC38							
YA6C2TC14	Y1MRTC (2), MY293 (2), MY2911 (2), MRC840 (2), Y / PAT81KFT (1)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	U5CRT (2) U8CABT (2)	Blue	7 or 374	
YA6C2TC14E2							
YA6C2TC14E1							
YA6C2TC38E2							
YA6C2TC38E6							
YA6C2TC38							
YA6C2N							
YA5C2N	MY293 (2), MY2911 (2), MRC840 (2), Y / PAT81KFT (1)	W5CVT (2) W5CRT (2) X5CRT (2)	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	Blue	7 or 374	
YA4C2TC14	Y1MRTC (4), MY293 (2), MY2911 (2), MRC840 (2), Y644 (1), Y / PAT81KFT (1)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	Gray	8 or 346	
YA4C2TC14E2							
YA4C2TC38							
YA4C2N							
YA3C2TC14							
YA3C2TC14E2		W3CRT (2)	W3CRT (2)	U3CRT (2)	White	9	
YA3C2TC38E2							
YA3C2TC38							
YA3C2N							
YA2C2TC14							
YA2C2TC14E2	Y122CMR** (4) Y1MRTC (4), MY293 (2), MY2911 (2), MRC840 (2), Y644 (1), Y / PAT81KFT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	
YA2C2TC38E2							
YA2C2TC38E6							
YA2C2TC38							
YA2C2NTC38							
YA2C2N		W1CVT (2) W1CRT1 (2) X1CRT1 (2)	W1CVT (2) W1CRT1 (2) X1CRT1 (2)	U1CRT1 (2) U4CABT (2)	Green	11 or 375	
YA1C2TC14							
YA1C2TC14E2							
YA1C2TC38							
YA1C2N							
YA252TC14	MY293 (2), MY2911 (2), MRC840 (4), Y644 (1), Y / PAT81KFT (2)	W25VT (4) W25RT (4) X25RT (4)	W25VT (4) W25RT (4) X25RT (4)	U25RT (2) U2CABT (2)	Pink	12	
YA252TC14E2							
YA252TC516							
YA252TC38							
YA252NTC38							
YA252N		W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13	
YA262TC14							
YA262TC14E2							
YA262TC38							
YA262N							W27VT (4) W27RT (4) X27RT (6)
YA272TC14E2							
YA272TC38							
YA272N	W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15		
YA282TC14E2							
YA282TC38							
YA282NTC38							
YA282N	MY293 (2), MY2911 (2), Y644 (1), Y / PAT81KFT (2)	W29VT (4) X29RT (8)	W29VT (4) W29RT (4)	U29RT (2)	Yellow	16	
YA292TC38							
YA292TC58E16							
YA302TC38	Y644 (1), Y / PAT81KFT (3)	W30VT (4)	W30VT (4) W30RT (4)	U30RT (4) U28ART (4)	White	17 or 298	
YA302N							

Type YA-2N, YA-2TC, YA-4N (Continued)

INSTALLATION TOOL AND DIE INFORMATION

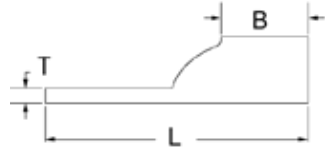
Catalog Number	Installation Tooling						
	Dieless (# of crimps)	Mech.	Hydraulic		Color Code	Die Index	
		MD6, OUR840, MD7-34R	BCT500, Y500CT	Y35, Y39, 750 Series, 46 Series*			
YA312TC14E2	Y644 (1), Y / PAT81KFT (3)	W31VT (4)	W31VT (4) W31RT (4)	U31RT (4) U29ART (4)	Red	18 or 324	
YA312TC38							
YA312N							
YA322TC38	Y644 (1) Y / PAT81KFT (3)	W32VT (4)	W32VT (4) W32RT (4)	U32RT (4) U30ART (4)	Blue	19 or 470	
YA322N							
YA332N	Y644 (1) Y / PAT81KFT (4)	W33VT (4)	W33VT (4) W33RT (4)	U33RT	Gray	326 or 538	
YA342TC14E2							
YA342TC38							
YA342N		—	—	U35RT (4)	Yellow	21	
YA352N							
YA362TC38		—	—	U36RT (4) U32ART (4)	Green	22 or 472	
YA362N							
YA392NT38		Y644 (1) Y / PAT81KFT (4)	—	—	U39RT (4) • P39RT (4)	Black	24
YA392TC38							
YA392N							
YA392ENNT							
YA402N	• P40RT (4)				Orange	25	
YA442TC38							
YA442N	• P44RT (4)				White	27	
YA452N							
YA462N	• P45RT (6)	Yellow	29				
YA472N							
YA482N	—	—	—	Gray	33		
YA482N							

- * Use PUADP-1 adapter with U dies in 46 Series tooling
- P-RT die sets for use in 46 Series only, PUADP-1 adapter not required
- ** Y122CMR tool #10-#2 AWG Wire Only
- ***The MM² conductor sizes listed are the recommendations for Class 2 conductor
- ▲ See tooling section of this catalog for complete tool and die listings

TYPE YAZ-2N, YAZ-2TC
HYDENT™ Terminal



Two Hole, Long Barrel,
Uninsulated Copper Compression Terminal



Inspection window (skive) for visual verification that wire has been fully inserted prior to crimping. 2-hole tongue/tang recommended when space permits as this minimizes the terminations from loosening or rotating under vibration, movement, or heat cycling. Barrel designed with internal chamfer to ensure smooth wire insertion preventing possible damaging of the wire strands. Long barrel design allows for an increased number of crimps increasing the mechanical strength of the connection. Two-hole tongue/tang designs minimizes the terminations from loosening or rotating under vibration, movement or heat cycling. Electro-tin plated unless otherwise specified to reduce galvanic corrosion. Connectors clearly marked with stamping and barrel color coding. See tables on each page for specific details. 45° and 90° angle lugs may be available; contact customer service for more information.

Catalog Number	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Wire Strip Length			
	AWG	MM ² ***				(B)	(T)	(L)				
YAZV10-2TC14	14-10 AWG	6	1/4	5/8"	0.41	0.69	0.05	2.16	3/4			
YAZV10-2TC14E2			1/4	3/4"	0.41	0.69	0.05	2.28				
YAZ8C-2TC10	#8 AWG #8 Flex G,H,I,K,M DLO 37/24	† 10	#10	5/8"	0.41	0.75	0.08	2.07	7/8			
YAZ8C-2TC10E2			#10	3/4"	0.41	0.75	0.08	2.19				
YAZ8C-2TC14			1/4	5/8"	0.44	0.75	0.08	2.19				
YAZ8C-2TC14E2			1/4	3/4"	0.44	0.75	0.08	2.32				
YAZ8C-2TC14E1			1/4	1"	0.44	0.75	0.08	2.57				
YAZ8C-2TC38			3/8	1"	0.58	0.75	0.06	2.76				
YAZ6C-2TC10E2	#6 AWG Sol□/Str	—	#10	3/4"	0.42	1.12	0.09	2.65	1-3/16			
YAZ6C-2TC14			1/4	5/8"	0.45	1.12	0.08	2.65				
YAZ6C-2TC14E2			1/4	3/4"	0.45	1.12	0.08	2.78				
YAZ6C-2TC14E1			1/4	1"	0.45	1.12	0.08	3.03				
YAZ6C-2TC38E2			3/8	3/4"	0.58	1.12	0.06	2.97				
YAZ6C-2TC38E6			3/8	7/8"	0.58	1.12	0.06	3.09				
YAZ6C-2TC38			3/8	1"	0.58	1.12	0.06	3.22				
YAZ6C2TC38E16			3/8	1.75	0.58	1.12	0.06	3.97				
YAZ6C-2N			1/2	1-3/4"	0.83	1.12	0.12	4.40				
YAZ5C-2N			#5 AWG	—	1/2	1-3/4"	0.83	1.12		0.12	4.43	1-3/16
YAZ4C-2TC10-E2	#4 AWG	—	#10	3/4"	0.50	1.12	0.09	2.67	1-3/16			
YAZ4C-2TC14			1/4	5/8"	0.50	1.12	0.09	2.67				
YAZ4C-2TC14E2			1/4	3/4"	0.50	1.12	0.09	2.80				
YAZ4C-2TC38			3/8	1"	0.58	1.12	0.08	3.23				
YAZ4C-2N			1/2	1-3/4"	0.83	1.12	0.12	4.45				
YAZ4C-2TC14			1/4	5/8"	0.55	1.25	0.09	2.83				
YAZ3C-2TC14E2	#3 AWG #2 Sol	25	1/4	3/4"	0.55	1.25	0.09	2.95	1-5/16			
YAZ3C-2TC14E2			1/4	3/4"	0.55	1.25	0.09	2.95				
YAZ3C-2TC38E2			3/8	3/4"	0.58	1.25	0.08	3.14				
YAZ3C-2TC38E2			3/8	3/4"	0.58	1.25	0.08	3.14				
YAZ3C-2TC38			3/8	1"	0.58	1.25	0.08	3.39				
YAZ3C-2N			1/2	1-3/4"	0.83	1.25	0.12	4.62				
YAZ2C-2TC10E2	#2 AWG	35	#10	3/4"	0.60	1.25	0.11	2.85	1-5/16			
YAZ2C-2TC14			1/4	5/8"	0.60	1.25	0.11	2.85				
YAZ2C-2TC14E2			1/4	3/4"	0.60	1.25	0.11	2.97				
YAZ2C-2TC14E1			1/4	1"	0.60	1.25	0.11	3.22				
YAZ2C2TC516E7			5/16	.63	0.60	1.25	0.11	2.91				
YAZ2C-2TC516E2			5/16	3/4"	0.60	1.25	0.11	3.03				
YAZ2C-2TC38E2			3/8	3/4"	0.60	1.25	0.11	3.16				
YAZ2C-2TC38E6			3/8	7/8"	0.60	1.25	0.11	3.28				
YAZ2C-2TC38			3/8	1"	0.60	1.25	0.11	3.41				
YAZ2C-2NTC38			3/8	1-3/4"	0.60	1.25	0.11	4.16				
YAZ2C-2N			1/2	1-3/4"	0.83	1.25	0.12	4.64				
YAZ1C-2TC14			#1 AWG	50	1/4	5/8"	0.67	1.38		0.10	3.01	1-7/16
YAZ1C-2TC14E2					1/4	3/4"	0.67	1.38		0.10	3.13	
YAZ1C-2TC38					3/8	1"	0.67	1.38		0.10	3.57	
YAZ1C-2N	1/2	1-3/4"			0.83	1.38	0.12	4.82				
YAZ25-2TC14	1/4	5/8"			0.75	1.38	0.12	3.04				
YAZ25-2TC14E2	1/4	3/4"			0.75	1.38	0.12	3.16				
YAZ25-2TC14E1	1/4	1"	0.75	1.38	0.12	3.41						
YAZ252TC14E3	1/0 AWG	—	1/4	1.00	0.75	1.38	0.12	3.42	1-7/16			
YAZ25-2TC516E6			5/16	7/8"	0.75	1.38	0.12	3.35				
YAZ25-2TC516			5/16	1"	0.75	1.38	0.12	3.47				
YAZ25-2TC38			3/8	1"	0.75	1.38	0.12	3.60				
YAZ25-2NTC38			3/8	1-3/4"	0.75	1.38	0.12	4.35				
YAZ25-2N			1/2	1-3/4"	0.83	1.38	0.11	4.79				

Type YAZ-2N, YAZ-2TC (Continued)

Catalog Number	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Wire Strip Length
	AWG	MM ² ***				(B)	(T)	(L)	
YAZ26-2TC14	2/0 AWG	70	1/4	5/8"	0.83	1.50	0.12	3.20	1-9/16
YAZ26-2TC14E2			1/4	3/4"	0.83	1.50	0.12	3.32	
YAZ262TC14E1			1/4	1.00	0.83	1.50	0.12	3.57	
YAZ26-2TC38			3/8	1"	0.83	1.50	0.12	3.76	
YAZ262TC38E16			3/8	1.75	0.83	1.50	0.12	4.51	
YAZ26-2N			1/2	1-3/4"	0.83	1.50	0.12	4.95	
YAZ27-2TC14E2	3/0 AWG	—	1/4	3/4"	0.90	1.50	0.12	3.36	1-9/16
YAZ27-2TC38			3/8	1"	0.90	1.50	0.12	3.80	
YAZ27-2N			1/2	1-3/4"	0.91	1.50	0.12	4.98	
YAZ28-2TC14E2	4/0 AWG	—	1/4	3/4"	1.02	1.62	0.14	3.55	1-11/16
YAZ28-2TC38			3/8	1"	1.02	1.62	0.14	3.99	
YAZ28-2NTC38			3/8	1-3/4"	1.02	1.62	0.14	4.74	
YAZ28-2N			1/2	1-3/4"	1.02	1.62	0.14	5.15	
YAZ29-2TC38	250 kcmil	—	3/8	1"	1.10	1.62	0.14	3.99	1-11/16
YAZ29-2N			1/2	1-3/4"	1.10	1.62	0.16	5.18	
YAZ30-2TC38	300 kcmil	150	3/8	1"	1.20	2.00	0.16	4.42	2-1/16
YAZ30-2N			1/2	1-3/4"	1.20	2.00	0.16	5.60	
YAZ31-2TC14E2	350 kcmil	185	1/4	3/4"	1.29	2.00	0.18	4.02	2-1/16
YAZ31-2TC38			3/8	1"	1.29	2.00	0.18	4.45	
YAZ31-2N			1/2	1-3/4"	1.29	2.00	0.18	5.64	
YAZ32-2TC38	400 kcmil	—	3/8	1"	1.40	2.12	0.19	4.62	2-3/16
YAZ32-2N			1/2	1-3/4"	1.40	2.12	0.19	5.81	
YAZ33-2N	450 kcmil	—	1/2	1-3/4"	1.48	2.12	0.21	5.89	2-5/16
YAZ34-2TC14E2	500 kcmil	240	1/4	3/4"	1.55	2.25	0.23	4.42	2-5/16
YAZ34-2TC38			3/8	1"	1.55	2.25	0.23	4.85	
YAZ34-2N			1/2	1-3/4"	1.55	2.25	0.23	6.04	
YAZ35-2N	550 kcmil	—	1/2	1-3/4"	1.65	2.62	0.25	6.45	2-11/16
YAZ36-2TC38	600 kcmil	300	3/8	1"	1.74	2.69	0.26	5.55	2-3/4
YAZ36-2N			1/2	1-3/4"	1.74	2.69	0.26	6.55	
YAZ39-2NT38	750 kcmil	—	3/8	1"	1.63	2.88	0.27	5.82	2-15/16
YAZ39-2TC38			3/8	1"	1.91	2.88	0.27	5.82	
YAZ39-2N			1/2	1-3/4"	1.91	2.88	0.27	6.82	
YAZ39-2NNT			1/2	1-3/4"	1.63	2.88	0.27	6.82	
YAZ40-2N	800 kcmil	400	1/2	1-3/4"	1.98	2.94	0.30	6.89	3
YAZ44-2TC38	1000 kcmil	500	3/8	1"	2.19	3.00	0.33	6.09	3-1/16
YAZ44-2N			1/2	1-3/4"	2.19	3.00	0.33	7.08	
YAZ45-2N	1250 kcmil	—	1/2	1-3/4"	2.46	3.19	0.38	7.38	3-1/4
YAZ46-2N	1500 kcmil	—	1/2	1-3/4"	2.69	3.19	0.40	7.48	3-5/16
YAZ47-2N	1750 kcmil	—	1/2	1-3/4"	2.90	3.44	0.42	7.82	3-1/2
YAZ48-2N	2000 kcmil	—	1/2	1-3/4"	3.10	3.44	0.46	7.89	3-1/2

**INSTALLATION TOOL AND DIE INFORMATION
NEXT PAGE**

Type YAZ-2N, YAZ-2TC (Continued)

INSTALLATION TOOL AND DIE INFORMATION

Catalog Number	Installation Tooling					Color Code	Die Index					
	Dieless (# of crimps)	Mech.	Hydraulic									
		MD6, OUR840, MD7-34R	BCT500HS, Y500CHS	Y35, Y39, 750 Series, 46 Series*								
YAZV10-2TC14	MR20 (2)	—	—	—	—	—						
YAZV10-2TC14E2	Y8MRB-1 (2) Y122CMR (2)	—	—	—	—	—						
YAZ8C-2TC10	Y122CMR (2)	W8CVT (2) W8CRT (2) X8CRT (2)	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (2)	Red	49						
YAZ8C-2TC10E2	Y1MRTC (2)											
YAZ8C-2TC14	Y8MRB-1 (2)											
YAZ8C-2TC14E2	MY293 (2)											
YAZ8C-2TC14E1	MY2911 (2)											
YAZ8C-2TC14E1	MRC840 (2)											
YAZ8C-2TC38	Y/PAT81KFT (1)											
YAZ6C-2TC10E2	Y122CMR (2) MY293 (2) MY2911 (2) MRC840 (2) Y1MRTC (2) Y/PAT81KFT (1)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	U5CRT (2) U8CABT (2)	Blue	7 or 374						
YAZ6C-2TC14												
YAZ6C-2TC14E2												
YAZ6C-2TC14E1												
YAZ6C-2TC38E2												
YAZ6C-2TC38E6												
YAZ6C-2TC38												
YAZ6C2TC38E16												
YAZ6C-2N												
YAZ5C-2N							W5CRT (2) W5CVT (2) X5CRT (2)	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	Blue	7 or 374	
YAZ4C-2TC10-E2							Y122CMR (4) Y1MRTC (4)	W4CVT (2) X4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	Gray	8 or 346
YAZ4C-2TC14	MY293 (2)											
YAZ4C-2TC14E2	MY29-1 (2)											
YAZ4C-2TC38	MRC840 (2) Y644 (2)											
YAZ4C-2N	Y/PAT81KFT (1)											
YAZ3C-2TC14	Y122CMR (4) Y1MRTC (4) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644 (1) Y/PAT81KFT (2)	W3CRT (2)	W3CRT (2)	U3CRT (2)	White	9						
YAZ3C-2TC14E2												
YAZ3C-2TC38E2												
YAZ3C-2TC38												
YAZ3C-2N												
YAZ2C-2TC10E2		W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10						
YAZ2C-2TC14												
YAZ2C-2TC14E2												
YAZ2C-2TC14E1												
YAZ2C2TC516E7												
YAZ2C-2TC516E2												
YAZ2C-2TC38E2												
YAZ2C-2TC38E6												
YAZ2C-2TC38												
YAZ2C-2NTC38												
YAZ2C-2N												
YAZ1C-2TC14							Y1MRTC (4)	W1CVT (2) W1CRT1 (2) X1CRT1 (2)	W1CVT (2) W1CRT1 (2) X1CRT1 (2)	U1CRT1 (2) U4CABT (2)	Green	11 or 375
YAZ1C-2TC14E2							MY29-3 (2)					
YAZ1C-2TC38							MY29-11 (2) MRC840 (2) Y644 (1)					
YAZ1C-2N	Y/PAT81KFT (2)											
YAZ25-2TC14	MY29-3 (2) MY29-11 (2) MRC840 (4) Y644 (1) Y/PAT81KFT (2)						W25RT (4) W25VT (4) X25RT (4)	W25VT (4) W25RT (4) X25RT (4)	U25RT (2) U2CABT (2)	Pink	12 or 348	
YAZ25-2TC14E2												
YAZ25-2TC14E1												
YAZ252TC14E3												
YAZ25-2TC516E6												
YAZ25-2TC516												
YAZ25-2TC38												
YAZ25-2NTC38												
YAZ25-2N												
YAZ26-2TC14	MY29-3 (2)	W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13						
YAZ26-2TC14E2	MY29-11 (2)											
YAZ262TC14E1	MRC840 (4)											
YAZ26-2TC38	Y644 (1)											
YAZ262TC38E16	Y/PAT81KFT (2)											
YAZ26-2N												

Type YAZ-2N, YAZ-2TC (Continued)

INSTALLATION TOOL AND DIE INFORMATION

Catalog Number	Installation Tooling					Color Code	Die Index
	Dieless (# of crimps)	Mech.	Hydraulic				
		MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS	Y35, Y39, 750 Series, 46 Series*			
YAZ27-2TC14E2	MY29-3 (2)						
YAZ27-2TC38	MY29-11 (2)	W27VT (4)	W27VT (4)		Orange	14	
	MRC840 (4)	W27RT (4)	W27RT (4)				
YAZ27-2N	Y644HSXT (1) Y/PAT81KFT (2)	X27RT (6)	X27RT (6)	U27RT (2)			
YAZ28-2TC14E2	MY29-3 (2)						
YAZ28-2TC38	MY29-11 (2)	W28VT (4)	W28VT (4)		Purple	15	
YAZ28-2NTC38	MRC840 (4)	W28RT (4)	W28RT (4)				
YAZ28-2N	Y644 (1) Y/PAT81KFT (2)	X28RT (6)	X28RT (6)	U28RT (2)			
YAZ29-2TC38	MY29-3 (2)						
YAZ29-2N	MY29-11 (2) Y644HSXT (1) Y/PAT81KFT (2)	W29VT (4) W29RT (8)	W29VT (4) W29RT (4) X29RT (8)	U29RT (2)	Yellow	16	
YAZ30-2TC38	Y644HSXT (1)						
YAZ30-2N	Y/PAT81KFT (3)	W30VT (4)	W30VT (4) W30RT (4)	U30RT (4) U28ART (4)	White	17 or 298	
YAZ31-2TC14E2							
YAZ31-2TC38	Y644HSXT (1)						
YAZ31-2N	Y/PAT81KFT (3)	W31VT (4)	W31VT (4) W31RT (4)	U31RT (4) U29ART (4)	Red	18 or 324	
YAZ32-2TC38	Y644HSXT (1)						
YAZ32-2N	Y/PAT81KFT (3)	W32VT (4)	W32VT (4) W32RT (4)	U32RT (4) U30ART (4)	Blue	19 or 470	
YAZ33-2N	Y644HSXT (1) Y/PAT81KFT (4)	W33VT (4)	W33VT (4) W33RT (4)	U33RT (4)	Gray	326 or 538	
YAZ34-2TC14E2							
YAZ34-2TC38	Y644HSXT (1)						
YAZ34-2N	Y/PAT81KFT (4)	W34VT (4)	W34VT (4) W34RT (4)	U34RT (4) U31ART (4)	Brown	20 or 299	
YAZ35-2N	Y644 (1) Y/PAT81KFT (4)	—	—	U35RT (4)	Yellow	21	
YAZ36-2TC38	Y644 (1)						
YAZ36-2N	Y/PAT81KFT (4)	—	—	U36RT (4) U32ART (4)	Green	22 or 472	
YAZ39-2NT38							
YAZ39-2TC38	Y644 (1)						
YAZ39-2N	Y/PAT81KFT (4)	—	—	U39RT (4) • P39RT (4)	Black	24	
YAZ39-2NNT							
YAZ40-2N	Y644 (1) Y/PAT81KFT (4)	—	—	• P40RT (4)	Orange	25	
YAZ44-2TC38	Y644 (1)						
YAZ44-2N	Y/PAT81KFT (4)	—	—	• P44RT (4)	White	27	
YAZ45-2N							
YAZ46-2N							
YAZ47-2N							
YAZ48-2N							

* Use PUADP-1 adapter with U dies in 46 Series tooling
 • P-RT die sets for use in 46 Series 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

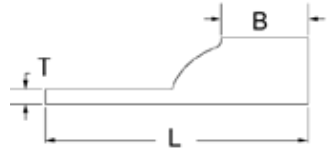
TYPE YA-2TC-FXB, YAV-2TC-FXB
HYDENT™ Terminal



Two Hole, Long, Belled Barrel,
 Uninsulated Copper Compression Terminal



No inspection window (skive) for more corrosive environments. Barrel designed with an internal chamfer at the wire entry to ensure smooth insertion of wire. Long barrel design allows for an increased number of crimps increasing the mechanical strength of the connection. Belled end opening at wire entry ensures smooth insertion of highly flexible stranded wire. Two-hole tongue/tang designs minimizes the terminations from loosening or rotating under vibration, movement or heat cycling. Electro-tin plated unless otherwise specified to reduce galvanic corrosion. Connectors clearly marked with stamping and barrel color coding. Connectors accommodating wire sizes #10 - 4/0 AWG accommodate both Flex and Code Wire, see tables on each page for specific details. 45° and 90° angle lugs may be available; contact customer service for more information.



Catalog Number	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Wire Strip Length
	AWG/KCMIL	MM ² ***				(B)	(T)	(L)	
YA8C2TC14E2-FXB	#8 AWG #8 Flex	**	1/4	3/4"	0.44	0.90	0.08	2.54	1
YA8C2TC38-FXB	G,H,I,K,M DLO (37/24) #6 Sol #8 Sol		3/8	1"	0.58	0.90	0.06	2.98	
YAV6C2TC14E2-FXB	#6 AWG	**	1/4	3/4"	0.48	1.22	0.08	2.88	1-5/16
YAV6C2TC14-FXB	#6 Flex		1/4	5/8"	0.48	1.22	0.08	2.76	
YAV6C2TC38-FXB	G,H,I,K,M		3/8	1"	0.58	1.22	0.06	3.32	
YAV6C2N-FXB	DLO (61/24)		1/2	1-3/4"	0.83	1.22	0.12	4.51	
YAV4C2TC14E2-FXB	#4 AWG	—	1/4	3/4"	0.55	1.22	0.09	2.93	1-5/16
YAV4C2TC14-FXB	#4 Flex		1/4	5/8"	0.55	1.22	0.09	2.81	
YAV4C2TC516-FXB	G,H,I,K,M		5/16	1"	0.55	1.22	0.09	3.24	
YAV4C2TC38-FXB	DLO (105/24)		3/8	1"	0.58	1.22	0.09	3.37	
YAV4C2N-FXB			1/2	1-3/4"	0.83	1.22	0.12	4.56	
YA3C2TC516-FXB	#3 AWG		—	5/16	1"	0.55	1.48	0.09	
YA3C2TC38-FXB	#3 Flex	3/8		1"	0.58	1.48	0.09	3.64	
YAV3C2NFBXB	G,H,I,K,M	1/2		1.75"	0.83	1.48	0.12	4.83	
YAV2C2TC14E1-FXB	DLO (125/24)								
YAV2C2TC14E1-FXB	#2 AWG	35	1/4	1"	0.68	1.35	0.10	3.38	1-7/16
YAV2C2TC14E2-FXB	#2 Flex		1/4	3/4"	0.68	1.35	0.10	3.13	
YAV2C2TC14-FXB	G,H,I,K,M		1/4	5/8"	0.68	1.35	0.10	3.00	
YAV2C2TC38-FXB	DLO (150/24)		3/8	1"	0.68	1.35	0.10	3.57	
YAV2C2TC516-FXB			5/16	1"	0.68	1.35	0.10	3.44	
YAV2C2N-FXB			1/2	1-3/4"	0.83	1.35	0.12	4.76	
YAV1C2TC38-FXB	#1 AWG	—	3/8	1"	0.75	1.50	0.12	3.74	1-9/16
YAV1C2N-FXB	#1 Flex G,H,I,K,M DLO (225/24)		1/2	1-3/4"	0.83	1.50	0.11	4.92	
YAV252TC14E2-FXB	1/0 AWG	50	1/4	3/4"	0.83	1.50	0.12	3.34	1-9/16
YAV252TC14-FXB	1/0 Flex		1/4	5/8"	0.83	1.50	0.12	3.21	
YAV252TC38-FXB	G,H,I,K,M DLO (275/24)		3/8	1"	0.83	1.50	0.12	3.78	
YAV262TC14E2-FXB	2/0 AWG	70	1/4	3/4"	0.93	1.63	0.13	3.52	1-13/16
YAV262TC14-FXB	2/0 Flex		1/4	5/8"	0.93	1.63	0.13	3.40	
YAV262NTC38-FXB	G,H,I,K,M		3/8	1-3/4"	0.93	1.63	0.13	4.71	
YAV262TC38-FXB	DLO (325/24)		3/8	1"	0.93	1.63	0.13	3.96	
YAV262N-FXB			1/2	1-3/4"	0.93	1.63	0.13	5.15	
YAV272TC14E2-FXB	3/0 AWG	95	1/4	3/4"	1.03	1.64	0.14	3.58	1-13/16
YAV272TC38-FXB	3/0 Flex		3/8	1"	1.03	1.64	0.14	4.01	
YAV272N-FXB	G,H,I,K,M DLO (450/24)		1/2	1-3/4"	1.03	1.64	0.14	5.20	
YAV282TC14E2-FXB	4/0 AWG	**	1/4	3/4"	1.14	1.77	0.14	3.76	1-7/8
YAV282TC38-FXB	4/0 Flex		3/8	1"	1.14	1.77	0.14	4.20	
YAV282NTC38-FXB	G,H,I,K,M	**	3/8	1"	1.14	1.77	0.14	4.20	1-7/8
YAV282NTC38-FXB	DLO (550/24)		3/8	1-3/4"	1.14	1.77	0.14	4.20	
YAV282N-FXB		120	1/2	1-3/4"	1.14	1.77	0.14	5.39	

Type YA-2TC-FXB, YAV-2TC-FXB (Continued)

Catalog Number	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Wire Strip Length
	AWG/KCMIL	MM ² ***				(B)	(T)	(L)	
YAV292TC14E2-FXB	250 kcmil 4/0 Flex G,H,I,K,M DLO (550/24)	—	1/4	3/4"	1.18	2.16	0.16	4.19	2-1/4
YAV292TC38-FXB			3/8	1"	1.18	2.16	0.16	3.62	
YAV292NT38-FXB			3/8	1"	0.75	2.16	0.16	5.54	
YAV292NTC38-FXB			3/8	1-3/4"	1.18	2.16	0.16	5.37	
YAV292N-FXB			1/2	1-3/4"	1.18	2.16	0.16	5.81	
YA302N-FXB	250 kcmil G,H	—	1/2	1-3/4"	1.20	2.16	0.16	5.80	2-1/4
YA312TC38-FXB	250 kcmil 4/0 Flex G,H,I,K,M DLO (550/24)	150	3/8	1"	1.29	2.18	0.18	4.66	2-1/4
YA312N-FXB			1/2	1-3/4"	1.29	2.18	0.18	5.85	
YA322TC38-FXB	300 kcmil G,H,I,K,M DLO 313 (775/24)	185	3/8	1"	1.40	2.32	0.19	4.85	2-1/4
YA322N-FXB			1/2	1-3/4"	1.40	2.32	0.19	6.04	
YA342TC38-FXB	350 kcmil G,H,I,K,M DLO 373 (925/24)	240	3/8	1"	1.55	2.48	0.23	5.10	2-9/16
YA342N-FXB			1/2	1-3/4"	1.55	2.48	0.23	6.29	
YA362NFXB	500 kcmil G,H DLO 444 (110/24)	300	1/2	1-3/4"	1.73	2.95	0.26	6.84	3-1/16
YA382N-FXB	500 kcmil H,I,K 550 kcmil G,H,I DLO 535 (325/24)	300	1/2	1-3/4"	1.84	3.08	0.26	7.01	3-3/16
YA382-FXBG2			1/2	2"	1.84	3.08	0.27	6.82	
YA382-FXBG3			1/2	1-3/16	1.84	3.08	0.27	6.26	
YA382TC38-FXB			3/8	1"	1.84	3.08	0.26	6.01	
YA402N-FXB	650 kcmil G DLO 646 (160/24)	400	1/2	1-3/4"	1.98	3.24	0.30	7.22	3-5/16
YA442TC38-FXB	750 kcmil G,H DLO 777 (1925/24)	500	3/8	1"	2.19	3.33	0.33	6.44	3-7/16
YA442N-FXB			1/2	1-3/4"	2.19	3.33	0.33	7.44	
YA462N-FXB	1111 kcmil DLO (2750/24)	—	1/2	1-3/4"	2.69	3.58	0.39	7.91	3-11/16

INSTALLATION TOOL AND DIE INFORMATION

Catalog Number	Dieless (# of crimps)	Installation Tooling			Color Code	Die Index
		Mech.	Hydraulic			
		MD6, OUR840, MD7-34R	BCT500, Y500CT	Y35, Y39, 750 Series, 46 Series*		
YA8C2TC14E2-FXB	Y8MRB-1 (2) Y1MRTC (2) MY29-11 (2)	W8CRT (2) W8CVT (2) X8CRT (2)	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (2)	Red	49
YA8C2TC38-FXB	Y / PAT81KFT (1)					
YAV6C2TC14E2-FXB	Y122CMR (2)					
YAV6C2TC14-FXB	Y1MRTC (2)					
YAV6C2TC38-FXB	MY29-11 (2)	W5CVT (2) W5CRT (2) X5CRT (2)	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	Blue	7
YAV6C2N-FXB	Y / PAT644 (1) Y / PAT81KFT (1)					
YAV4C2TC14E2-FXB						
YAV4C2TC14-FXB	Y122CMR (4)	W4CVT (2) W4CRT (2)	W4CVT (2) W4CRT (2)	U4CRT (2)	Gray	8
YAV4C2TC516-FXB	Y1MRTC (4)					
YAV4C2TC38-FXB	MY29-11 (2)	X4CRT (2)	X4CRT (2)			
YAV4C2N-FXB	Y / PAT81KFT (1)					
YA3C2TC516-FXB						
YA3C2TC38-FXB		W3CRT (2)	W3CRT (2)	U3CRT (2)	White	9
YAV3C2NFXB						
YAV2C2TC14E1-FXB	Y122CMR (4)					
YAV2C2TC14E2-FXB	Y1MRTC (4)					
YAV2C2TC14-FXB	MY29-11 (2)	W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10
YAV2C2TC38-FXB	Y / PAT644 (1)					
YAV2C2TC516-FXB	Y / PAT81KFT (1)					
YAV2C2N-FXB						
YAV1C2TC38-FXB	MY29-11 (2)	W1CVT (2)	W1CVT (2)	U1CRT-1 (2)	Green	11
YAV1C2N-FXB	Y / PAT644 (1) Y / PAT81KFT (1)	W1CRT-1 (2) X1CRT-1 (2)	W1CRT-1 (2) X1CRT-1 (2)			

Type YA-2TC-FXB, YAV-2TC-FXB (Continued)

INSTALLATION TOOL AND DIE INFORMATION

Catalog Number	Installation Tooling					Color Code	Die Index		
	Dieless (# of crimps)	Mech.	Hydraulic						
		MD6, OUR840, MD7-34R	BCT500, Y500CT	Y35, Y39, 750 Series, 46 Series*					
YAV252TC14E2-FXB	MY29-11 (2) Y / PAT644 (1) Y / PAT81KFT (2)	W25RT (4)	W25RT (4)	U25RT (2)	Pink	12			
YAV252TC14-FXB		W25VT (4)	W25VT (4)						
YAV252TC38-FXB		X25RT (4)	X25RT (4)						
YAV262TC14E2-FXB		MY29-11 (2) Y / PAT644 (1) Y / PAT81KFT (2)	W26RT (4)	W26RT (4)			U26RT (2)	Black	13
YAV262TC14-FXB			W26VT (4)	W26VT (4)					
YAV262NTC38-FXB			X26RT (4)	X26RT (4)					
YAV262TC38-FXB									
YAV262N-FXB									
YAV272TC14E2-FXB	MY29-11 (2) Y / PAT644 (1) Y / PAT81KFT (2)	W27RT (4)	W27RT (4)	U27RT (2)	Orange	14			
YAV272TC38-FXB		W27VT (4)	W27VT (4)						
YAV272N-FXB		X27RT (4)	X27RT (4)						
YAV282TC14E2-FXB		W28RT (4)	W28RT (4)				U28RT (2)	Purple	15
YAV282TC38-FXB	W28VT (4)	W28VT (4)							
YAV282N-FXB	X28RT (6)	X28RT (6)							
YAV282NT38-FXB	MY29-11 (2)	W28RT (4)	W28RT (4)	U28RT (2)	Purple	15			
YAV282NTC38-FXB	Y / PAT644 (1)	W28VT (4)	W28VT (4)						
YAV282N-FXB	Y / PAT81KFT (2)	X28RT (6)	X28RT (6)						
YAV292TC14E2-FXB	Y / PAT644 (1) Y / PAT81KFT (2)	W29VT (4) X29RT (6)	W29RT (4)	U29RT (2)	Yellow	16			
YAV292TC38-FXB			W29VT (4)						
YAV292NT38-FXB			W29VT (4)						
YAV292NTC38-FXB			X29RT (6)						
YAV292N-FXB									
YA302N-FXB	Y / PAT644 (1) Y / PAT81KFT (2)	W29VT (4) X29RT (6)	W29RT (4) W29VT (4) X29RT (6)	U29RT (2)	Yellow	16			
YA312TC38-FXB	Y / PAT644 (1)	W30VT (4)	W30RT (4)	U30RT (4)	White	17			
YA312N-FXB	Y / PAT81KFT (2)		W30VT (4)						
YA322TC38-FXB	Y / PAT644 (1)	W31VT (4)	W31RT (4)	U31RT (4)	Red	18			
YA322N-FXB	Y / PAT81KFT (2)		W31VT (4)						
YA342TC38-FXB	Y / PAT644 (1)	W32VT (4)	W32RT (4)	U32RT (4)	Blue	19			
YA342N-FXB	Y / PAT81KFT (2)		W32VT (4)						
YA362NFXB	Y / PAT644 (1) Y / PAT81KFT (2)	—	—	U34RT (4)	Brown	20			
YA382N-FXB				U38XRT (4)	Pink	L99			
YA382-FXBG2									
YA382-FXBG3									
YA382TC38-FXB									
YA402N-FXB							U39RT (4)	Black	24
YA442TC38-FXB				U44XRT (4) +P44XRT (4)	Yellow	L115			
YA442N-FXB									
YA462N-FXB	—	—	+P45RT (4)**	—	29				

* Use PUADP-1 adapter with U dies in 46 Series tooling

• P-RT die sets for use in 46 Series 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

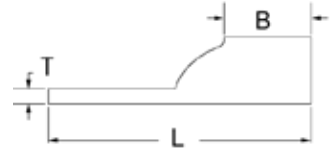
**TYPE YAZ-2-FX
HYDENT™ Terminal**



Two Hole, Long Barrel,
Uninsulated Copper Compression Terminal



Inspection window (skive) for visual verification that wire has
2-hole tongue/tang recommended when space permits
as this minimizes the terminations from loosening or
rotating under vibration, movement, or heat cycling.
Barrel designed with internal chamfer to ensure smooth
wire insertion preventing possible damaging of the wire
strands. Long barrel design allows for an increased
number of crimps increasing the mechanical strength of
the connection. Two-hole tongue/tang designs minimizes
the terminations from loosening or rotating under vibration,
movement or heat cycling. Electro-tin plated unless otherwise specified to reduce galvanic
corrosion. Connectors clearly marked with stamping and barrel color coding. See tables on each
page for specific details. 45° and 90° angle lugs may be available; contact customer service for
more information.



Catalog Number	Conductor		Bolt Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Wire Strip Length
	AWG/KCMIL	MM ² ***				(B)	(T)	(L)	
YAZV102TC14E1	14-10 AWG	2.5 - 4	1/4	1.00	0.41	0.69	0.05	2.53	3/4
YAZ8C2TC10FX	#8 AWG	10	#10	5/8	0.41	0.81	0.08	2.20	1
YAZ8C2TC10E2FX	#8 Flex		#10	3/4	0.41	0.75	0.08	2.33	
YAZ8C2TC14FX	G,H,I,K,M		1/4	5/8	0.44	0.81	0.08	2.32	
YAZ8C2TC14E2FX	DLO (37/24)		1/4	3/4	0.44	0.81	0.08	2.45	
YAZ8C2TC14E1FX	#6 Sol		1/4	1	0.44	0.81	0.08	2.70	
YAZ8C2TC38FX	#8 Sol		3/8	1	0.58	0.81	0.06	2.89	
YAZV6C2TC10E2FX	#6 AWG #6 Flex G,H,I,K,M DLO (61/24)	16	#10	3/4	0.48	0.75	0.08	2.64	1-3/16
YAZV6C2TC14FX			1/4	5/8	0.48	0.75	0.08	2.65	
YAZV6C2TC14E2FX			1/4	3/4	0.48	0.75	0.08	2.78	
YAZV6C2TC14E1FX			1/4	1	0.48	0.75	0.08	3.03	
YAZV6C2TC38E2FX			3/8	3/4	0.58	0.75	0.06	2.97	
YAZV6C2TC38E6FX			3/8	7/8	0.58	0.75	0.06	3.09	
YAZV6C2TC38FX			3/8	1	0.58	0.75	0.06	2.78	
YAZV4C2TC14FX	#4 AWG #4 Flex G,H,I,K,M DLO (105/24)	—	1/4	5/8	0.55	1.25	0.09	2.83	1-5/16
YAZV4C2TC14E2FX			1/4	3/4	0.55	1.25	0.09	2.95	
YAZV4C2TC38E2-FX			3/8	3/4	0.58	1.25	0.08	3.14	
YAZV4C2TC38FX			3/8	1	0.58	1.25	0.08	3.39	
YAZV2C2TC14FX	#2 AWG #2 Flex G,H,I,K,M DLO (140/24)	35	1/4	5/8	0.68	1.38	0.10	3.01	1-7/16
YAZV2C2TC14E2FX			1/4	3/4	0.68	1.38	0.10	3.13	
YAZV2C2TC38FX			3/8	1	0.68	1.38	0.10	3.57	
YAZV2C2NTCFX			1/2	1-3/4	0.83	1.38	0.10	4.76	
YAZV1C2TC14FX	#1 AWG #1 Flex G,H,I,K,M DLO (225/24)	—	1/4	5/8	0.75	1.38	0.12	3.04	1-7/16
YAZV1C2TC14E2FX			1/4	3/4	0.75	1.38	0.12	3.16	
YAZV1C2TC14E1FX			1/4	1	0.75	1.38	0.12	3.41	
YAZV1C2TC516E6FX			5/16	7/8	0.75	1.38	0.12	3.35	
YAZV1C2TC516FX			5/16	1	0.75	1.38	0.12	3.47	
YAZV1C2TC38FX			3/8	1	0.75	1.38	0.12	3.60	
YAZV252TC14FX	1/0 AWG 1/0 Flex G,H,I,K,M DLO (275/24)	50	1/4	5/8	0.83	1.50	0.12	3.20	1-9/16
YAZV252TC14E2FX			1/4	3/4	0.83	1.50	0.12	3.32	
YAZV252TC38FX			3/8	1	0.83	1.50	0.12	3.76	
YAZV252NTCFX			1/2	1-3/4	0.83	1.50	0.12	4.95	
YAZV262TC14FX	2/0 AWG 2/0 Flex G,H,I,K,M DLO (325/24)	70	1/4	5/8	0.93	1.50	0.13	3.20	1-9/16
YAZV262TC14E2FX			1/4	3/4	0.93	1.50	0.13	3.32	
YAZV262TC38E6FX			3/8	.88	0.93	1.50	0.13	3.68	
YAZV262TC38FX			3/8	1	0.93	1.50	0.13	3.76	
YAZV262NTCFX			1/2	1-3/4	0.93	1.50	0.13	4.95	
YAZV272TC14E2FX	3/0 AWG 3/0 Flex G,H,I,K,M DLO (450/24)	95	1/4	3/4	1.03	1.50	0.14	3.36	1-9/16
YAZV272TC38FX			3/8	1	1.03	1.50	0.14	3.80	
YAZV282TC14E2FX	4/0 AWG 4/0 Flex G,H,I,K,M DLO (550/24)	120	1/4	3/4	1.14	1.62	0.15	3.52	1-11/16
YAZV282TC38FX			3/8	1	1.14	1.62	0.15	3.96	
YAZV282NTCFX			1/2	1-3/4	1.14	1.62	0.15	4.93	
YAZV292NT516FX	250 kcmil 4/0 Flex G,H,I,K,M DLO (550/24)	—	5/16	1-3/4	0.96	2.00	0.16	4.62	2-1/16

Type YAZ-2-FX (Continued)

Catalog Number	Conductor		Bolt Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Wire Strip Length
	AWG/KCMIL	MM ² ***				(B)	(T)	(L)	
YAZ302TC38FX	250 kcmil G,H	—	3/8	1	1.20	2.00	0.16	4.42	2-1/16
YAZ312TC14E2FX	250 kcmil I,K,M	150	1/4	3/4	1.29	2.00	0.18	4.02	2-1/16
YAZ312TC38FX	DLO 262 (650/24)		3/8	1	1.29	2.00	0.18	4.45	
YAZ312NTCFX			1/2	1.75	1.29	2.00	0.18	5.64	
YAZ322TC38FX	300 kcmil G,H,I,K,M DLO 313 (775/24)	185	3/8	1	1.40	2.12	0.19	4.62	2-3/16
YAZ342TC14E2FX	350 kcmil G,H,I,K,M DLO 373 (925/24)	240	1/4	3/4	1.55	2.25	0.23	4.42	2-5/16
YAZ342TC38FX			3/8	1	1.55	2.25	0.23	4.85	
YAZ342NT38FX			3/8	1	0.96	2.25	0.23	4.85	
YAZ342NTCFX			1/2	1-3/4	1.55	2.25	0.23	6.04	
YAZ362TC38FX	500 kcmil G,H DLO 444 (110/24)	—	3/8	1	1.74	2.69	0.27	5.55	2-3/4
YAZ382NT38FX	500 kcmil H,I,K 550 KCMIL G,H,I DLO 535 (325/24)	300	3/8	1	1.62	2.81	0.27	5.72	2-7/8
YAZ382TC38FX			3/8	1	1.84	2.81	0.27	5.72	
YAZ382NNTFX			1/2	1-3/4	1.62	2.81	0.27	6.72	
YAZ382NTCFX			1/2	1-3/4	1.84	2.81	0.27	6.72	
YAZ402NTCFX	650 kcmil G DLO 646 (1600/24)	—	1/2	1-3/4	1.98	2.94	0.30	6.89	3
YAZ442NT38FX	750 kcmil G,H DLO 777 (1925/24)	—	3/8	1	1.62	3.00	0.33	6.08	3-1/16

INSTALLATION TOOL AND DIE INFORMATION

Catalog Number	▲ Installation Tooling					Color Code	Die Index
	Dieless (# of Crimps)	Mech.	Hydraulic				
		MD6, OUR840, MD7-34R	BCT500, Y500CT	Y35, Y39, 750 Series, 46 Series*			
YAZV102TC14E1	MR20 (2) MRE1022B (2) Y122CMR (2)	—	—	—	—	—	
YAZ8C2TC10FX	Y8MRB-1 (1) MY29-11 (2) Y122CMR (2) Y1MRTC (2) Y / PAT81KFT (1)	W8CVT (2) W8CRT (2) X8CRT (2)	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (2)	Red	49	
YAZ8C2TC10E2FX							
YAZ8C2TC14FX							
YAZ8C2TC14E2FX							
YAZ8C2TC14E1FX							
YAZ8C2TC38FX							
YAZV6C2TC10E2FX	MY29-11 (2) Y122CMR (2) Y1MRTC (2) Y / PAT81KFT (1)	W5CVT (2) W5CRT (2) X5CRT (2)	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	Blue	7 or 374	
YAZV6C2TC14FX							
YAZV6C2TC14E2FX							
YAZV6C2TC14E1FX							
YAZV6C2TC38E2FX							
YAZV6C2TC38E6FX							
YAZV6C2TC38FX							
YAZV4C2TC14FX							Y1MRTC (4) Y122CMR (4) MY29-11 (2) Y / PAT81KFT (1)
YAZV4C2TC14E2FX							
YAZV4C2TC38E2-FX							
YAZV4C2TC38FX							
YAZV2C2TC14FX	Y122MRC (4) Y1MRTC (4) MY29-11 (4) Y / PAT644 (1) Y / PAT81KFT (1)	W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	
YAZV2C2TC14E2FX							
YAZV2C2TC38FX							
YAZV2C2NTCFX							
YAZV1C2TC14FX							MY29-11 (2) Y / PAT644 (1) Y / PAT81KFT (2)
YAZV1C2TC14E2FX							
YAZV1C2TC14E1FX							
YAZV1C2TC516E6FX							
YAZV1C2TC516FX							
YAZV1C2TC38FX							
YAZV252TC14FX	MY29-11 (2) Y / PAT644 (1) Y / PAT81KFT (2)	W25VT (4) W25RT (4) X25RT (4)	W25VT (4) W25RT (4) X25RT (4)	U25RT (2)	Pink	12 or 348	
YAZV252TC14E2FX							
YAZV252TC38FX							
YAZV252NTCFX							

Type YAZ-2-FX (Continued)

INSTALLATION TOOL AND DIE INFORMATION

Catalog Number	▲ Installation Tooling					Color Code	Die Index
	Dieless (# of Crimps)	Mech.	Hydraulic				
		MD6, OUR840, MD7-34R	BCT500, Y500CT	Y35, Y39, 750 Series, 46 Series*			
YAZV262TC14FX	MY29-11 (2) Y / PAT644 (1) Y / PAT81KFT (2)	W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13	
YAZV262TC14E2FX							
YAZV262TC38E6FX							
YAZV262TC38FX							
YAZV262NTCFX	MY29-11 (2) Y / PAT644 (1) Y / PAT81KFT (2)	W27VT (4) W27RT (4) X27RT (4)	W27VT (4) W27RT (4) X27RT (4)	U27RT (2)	Orange	14	
YAZV272TC14E2FX							
YAZV272TC38FX							
YAZV282TC14E2FX	MY29-11 (2) Y / PAT644 (1) Y / PAT81KFT (2)	W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15	
YAZV282TC38FX							
YAZV282NTCFX							
YAZV292NT516FX	Y / PAT644 (1) Y / PAT81KFT (2)	W29VT (4) X29RT (8)	W29RT (4) W29VT (4) X29RT (8)	U29RT (2)	Yellow	16	
YAZ302TC38FX	Y / PAT644 (1) Y / PAT81KFT (2)	W29VT (4) X29RT (8)	W29RT (4) W29VT (4) X29RT (8)	U29RT (2)	Yellow	16	
YAZ312TC14E2FX	Y / PAT644 (1) Y / PAT81KFT (2)	W30VT (4)	W30VT (4) W30RT (4)	U30RT (4)	White	17 or 298	
YAZ312TC38FX							
YAZ312NTCFX							
YAZ322TC38FX	Y / PAT644 (1) Y / PAT81KFT (2)	W31VT (4)	W31VT (4) W31RT (4)	U31RT (4)	Red	18 or 324	
YAZ342TC14E2FX	Y / PAT644 (1) Y / PAT81KFT (2)	W32VT (4)	W32VT (4) W32RT (4)	U32RT (4)	Blue	19 or 470	
YAZ342TC38FX							
YAZ342NT38FX							
YAZ342NTCFX							
YAZ362TC38FX	Y / PAT644 (1) Y / PAT81KFT (2)	—	—	U34RT (4)	Brown	20 or 299	
YAZ382NT38FX	Y / PAT644 (1) Y / PAT81KFT (2)	—	—	U38XRT (4)	Pink	L99	
YAZ382TC38FX							
YAZ382NNTFX							
YAZ382NTCFX							
YAZ402NTCFX	Y644HS (1) Y644MBH (1)	—	—	U39RT (4)	Black	24	
YAZ442NT38FX	Y / PAT644 (1) Y / PAT81KFT (2)	—	—	U44XRT (4) •P44XRT (4)	Yellow	L115	

* Use PUADP-1 adapter with U dies in 46 Series tooling
 • P-RT die sets for use in 46 Series 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

TYPE YA-E
HYDENT™ Terminal



Copper and Aluminum Compression Terminals

Type 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 into tight areas. Whether upgrading or replacing, YA-E connectors will provide for any of your cable termination needs. The YA-E terminals feature no inspection window/skive for use in more corrosive environments; available in copper or aluminum. Aluminum terminals accommodate both copper and aluminum wire. Barrel is designed with internal chamfer for ease of wire insertion. One or 2-hole tongue/tang styles are available. Electro-tin plated unless otherwise specified to reduce galvanic corrosion.

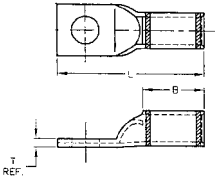
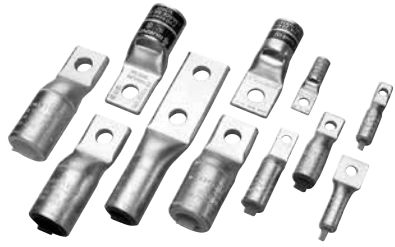


Fig. 1

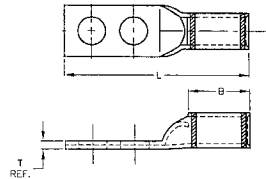


Fig. 2

COPPER E-LINE HYLUG™ COMPRESSION TERMINALS

Catalog Number	Fig. No.	Conductor Accommodations		Stud Hole Size	Stud Hole Spacing	Tongue Width (max)	Dimensions		
		Copper Only					B	T	L
		AWG / KCML	Exp. Wire Range with 644 Series						
YA25LN50T14E	1	1/0 AWG	#6 - 1/0 AWG	1/4	—	0.50	0.88	0.12	1.84
YA25LN64T516E				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
YA30L24N100T38E	1	300 kcmil	2/0 AWG - 300 kcmil	3/8	—	1.00	1.03	0.16	2.44
YA34L6N131T12E	1	500 kcmil	4/0 AWG - 500 kcmil	1/2	—	1.31	1.27	0.23	3.31
YA342LNN119T12E	2			1/2	1.75	1.19	1.27	0.22	5.06
YA342LNN131T12E	2			1/2	1.75	1.31	1.27	0.22	5.06
YA39L6N131T12E	1			750 kcmil	500 - 750 kcmil	1/2	—	1.31	1.42
YA392LNN131T12E	2	1/2	1.75			1.31	1.42	0.27	5.37

Catalog Number	Fig. No.	Installation Tooling					Wire Strip Length	
		Dieless (# of crimps)	Mech.	Hydraulic	Color Code	Die Index		
			MD6, MD7 (# of crimps)	Y35, 750 Series 46 Series (# of crimps)				
YA25LN50T14E	1	644 Series (1) 81K Series (1)	W25RT (2)	U25RT (1)	Pink	12 or 348	15/16	
YA25LN64T516E			W25VT (2)	U2CABT (1)				
YA26LN50T14E	1	644 Series (1) 81K Series (2)	W26RT (2)	U26RT (1)	Black	13	1	
YA30L24N100T38E	1		W30RT (2)	U30RT (2) U28ART (2)	White	17 or 298	1-1/16	
YA34L6N131T12E	1		—	—	U34RT (2)	Brown	20 or 299	1-5/16
YA342LNN119T12E	2				U31ART (2)			
YA342LNN131T12E	2				P34RT (2)			
YA39L6N131T12E	1		—	—	U39RT (2)	Black	24	1-1/2
YA392LNN131T12E	2							

Type YA-E (Continued)

ALUMINUM E-LINE HYLUG™ COMPRESSION TERMINALS

Catalog Number	Fig. No.	Conductor Accommodations		Stud Hole Size	Tongue Width (max)	Dimensions		
		Aluminum	Copper or Aluminum			B	T	L
		AWG / KCML	Exp. Wire Range with 644 Series					
YA8CA3S56T14E	1	#8 AWG	#8 AWG	1/4	0.56	0.62	0.09	1.65
YA2CA5S53T14E	1	#2 AWG	#6 - #2 AWG	1/4	0.53	1.00	0.22	2.25
YA2CA1S91T516E				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
YA25A3N69T38E				3/8	0.69	1.05	0.21	2.38

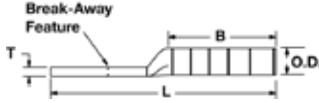
Catalog Number	Fig. No.	Installation Tooling				Wire Strip Length
		Dieless (# of crimps)	Hydraulic	Color Code	Die Index	
			Y35, 750 Series, 46 Series (# of crimps)			
YA8CA3S56T14E	1	Y / PAT81KFT (1)	U8CABT (1)	Blue	374	11/16
YA2CA5S53T14E	1	Y / PAT644 (1) Y / PAT81KFT (1)	U2CABT (1)	Pink	348	1-3/16
YA2CA1S91T516E			U25ART (1)	Tan	296	1-1/8
YA25A1S60T516E	1	Y / PAT81KFT (1)				
YA25A3N69T38E						

- * Use PUADP-1 adapter with U dies in 46 Series tooling
 - P-RT die sets for use in 46 Series only, PUADP-1 adapter not required
 - ** 900 Compact Aluminum Cable not UL Listed. Tested with 644 Series dieless tools only.
- Note:** All dimensions shown are for reference only.
Overlap crimps when using U Dies.

TYPES YBA, YBA-FX, YBAV-FX
Break-Away HYDENT™ Terminal



One or Two Hole, Long Barrel,
 Uninsulated Copper Compression Terminal



Break-Away feature allows for field modification of the terminal from a two-hole design to a one-hole design without voiding the UL Listing/CSA Certification. Field modification does not require specialized tooling or training. Slotted second stud provides built-in flexibility for the terminal to conform to various bus bar dimensions. Narrow tongue/tang design allows terminal to fit into tight spaces easier. Accommodates a wide range of conductor combinations. Terminals are range taking when installed with the 644 Series Tooling platform.

Catalog Number	Conductor Size	mm ²	Dimensions					
			Stud Hole Spacing	Stud Hole Size [MM]	Tongue Width	B	T	L
YBAV25FX14	1/0 AWG G,H,I,K,M DLO (275/24) 1/0 AWG	50	.63" to 1.00"	1/4" [6]	0.73	1.50	0.13	3.69
YBAV26FX14	2/0 AWG G,H,I,K,M DLO (325/24) 2/0 AWG	70	.63" to 1.00"	1/4" [6]	0.89	1.50	0.13	3.74
YBAV27FX14	3/0 AWG G,H,I,K,M DLO (450/24) 3/0 AWG	95	.63" to 1.00"	1/4" [6]	0.87	1.50	0.14	3.78
YBAV28FX	4/0 AWG G,H,I,K,M DLO (450/24) 4/0 AWG	120	1" to 1.75"	1/2" [12]	0.94	1.62	0.14	5.24
YBA29	250 kcmil	-	1" to 1.75"	1/2" [12]	0.96	1.62	0.16	5.21
YBA31FX	250 kcmil I,K,M DLO 262 (650/24)	150	1" to 1.75"	1/2" [12]	0.96	2.00	0.18	5.68
YBA32FX	300 kcmil G,H,I,K,M DLO 313 (775/24)	185	1" to 1.75"	1/2" [12]	0.96	2.12	0.19	5.85
YBA34FX	350 kcmil G,H,I,K,M DLO 373 (925/24)	240	1" to 1.75"	1/2" [12]	0.96	2.25	0.23	6.08
YBA36FX	500 kcmil G,H DLO 444 (110/24)	-	1" to 1.75"	1/2" [12]	1.47	2.69	0.27	6.59
YBA36FX58		-	1" to 1.75"	5/8" [16]	1.47	2.69	0.27	6.59
YBA38FX	500 kcmil H,I,K 550 kcmil G,H,I DLO 535 (325/24)	300	1" to 1.75"	1/2" [12]	1.62	2.81	0.27	6.76
YBA39	750 kcmil (Code Class AA; A & B)	-	1" to 1.75"	1/2" [12]	1.63	2.88	0.27	6.87
YBA44FX	750 kcmil G,H DLO 777 (1925/24)	500	1" to 1.75"	1/2" [12]	1.62	3.00	0.32	7.14
YBA44FX58		500	1.25" to 2.00"	5/8" [16]	1.62	3.00	0.32	7.46

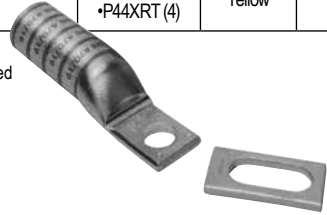
Type YBA, YBA-FX, YBAV-FX (Continued)

INSTALLATION TOOL AND DIE INFORMATION

Catalog Number	Installation Tooling (# of Crimps)					
	Dieless	MD6, MD7, MD7-34R platforms OUR840**	Y500CTHS, PAT60018V, PATMD6 platform	Y35, Y39, 750 Series, *46 Series	Color Code	Die Index
YBAV25FX14	MY29 (MY29 platform tools can only be used on Code Conductor), 644 Series (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		W26VT (4) X26RT (4) W26RT (4)	W26VT (4) X26RT (4) W26RT (4)	U26RT (2)	Black	13
YBAV27FX14		W27VT (4) X27RT (4) W27RT (4)	W27VT (4) X27RT (4) W27RT (4)	U27RT (4)	Orange	14
YBAV28FX		X28RT (6) W28RT (4) W28VT (4)	X28RT (6) W28RT (4) W28VT (4)	U28RT (2)	Purple	15
YBA29	644 Series (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		W30VT(4) W30RT(4)	W30VT (4) W30RT (4)	U30RT (4)	White	17 or 298
YBA32FX		W31VT (4) W31RT (4)	W31VT (4) W31RT (4)	U31RT (4)	Red	18 or 324
YBA34FX		W32VT (4) W32RT (4)	W32VT (4) W32RT (4)	U32RT (4)	Blue	19 or 470
YBA36FX	644 Series (1), Y81KFT(2), PAT81KFT (2)	—	—	U34RT (4)	Brown	20 or 299
YBA36FX58				U34RT (4)		
YBA38FX				U38XRT (4)	Pink	L99
YBA39				U39RT (4)	Black	24
YBA44FX				U44XRT (4) •P44XRT (4)	Yellow	L115
YBA44FX58						

- * Use PUADP-1 adapter with U dies in 46 Series tooling
- P-RT die sets for use in 46 Series only, PUADP-1 adapter not required
- ** OUR840 can use X-style dies only.

Note: All dimensions shown are for reference only.



TYPE YBA-A
Break-Away HYDENT™ Terminal

One or Two Hole, Long Barrel,
 Aluminum Compression Terminal



Break-Away feature allows for field modification of the terminal from a two-hole design to a one-hole design without voiding the UL Listing/CSA Certification. Field modification does not require specialized tooling or training. Slotted second stud provides built-in flexibility for the terminal to conform to various bus bar dimensions.

Narrow tongue/tang design allows terminal to fit into tight spaces easier. Accommodates copper and aluminum conductor. Terminals are range taking when installed with the 644 Series Tooling platform. Internal bevel edge provides easy cable insertion. Connector clearly marked with wire size, die index, and color code.

Catalog Number	Conductor Size (Concentric and Compact)	Dimensions					
		Stud Hole Spacing	Stud Hole Size	Tongue Width	B	T	L
YBA25A	1/0	1" to 1.75"	1/2	1.03	1.05	0.17	4.59
YBA26A	2/0	1" to 1.75"	1/2	1.03	1.17	0.20	4.78
YBA27A	3/0	1" to 1.75"	1/2	1.04	1.31	0.26	5.02
YBA28A	4/0	1" to 1.75"	1/2	1.17	1.39	0.30	5.19
YBA29A	250 kcmil	1" to 1.75"	1/2	1.26	1.45	0.33	5.28
YBA30A	300 kcmil & \pm 4/0 AWG CCA DLO (329/22)	1" to 1.75"	1/2	1.38	1.53	0.36	5.64
YBA31A	350 kcmil & \pm 250 kcmil CCA DLO (399/22)	1" to 1.75"	1/2	1.52	1.85	0.39	6.07
YBA32A	400 kcmil	1" to 1.75"	1/2	1.62	2.26	0.43	6.15
YBA34A	500 kcmil & \pm 350 kcmil CCA DLO (551/22)	1" to 1.75"	1/2	1.62	2.34	0.46	6.80
YBA36A	600 kcmil & \pm 500 kcmil CCA DLO (779/22)	1" to 1.75"	1/2	1.31	2.47	0.52	7.09
YBA39A	700 / 750 kcmil & \pm 600 kcmil CCA DLO (925/22)	1" to 1.75"	1/2	1.62	2.46	0.43	7.07
YBA42A	600 - 900 kcmil	1" to 1.75"	1/2	1.62	2.46	0.39	7.15
YBA44A	1000 kcmil & \pm 750 or 800 kcmil CCA DLO (1184/22) or (1250/22)	1" to 1.75"	1/2	1.65	2.74	0.55	7.76

Catalog Number	Installation Tooling (# of crimps)						
	Dieless	MD6, MD7, MD7-34R platforms OUR840**	Y500CTHS, PAT60018V, PAT-MD6 platform	35, 39, 750 platforms, *46 platforms	Color Code	Die Index	
YBA25A	MY29 (MY29 platform tools for use on CODE conductor only), 644 platforms (1), 4-POINT® platforms (2)	W241 (2) X241 (4)	W241 (2)	U25ART (1)	Tan	296	
YBA26A		—	—	U26ART (2)	Olive	297	
YBA27A		—	—	U27ART (2)	Ruby	467	
YBA28A		—	W660 (4)	U28ART (2)	White	298	
YBA29A		—	—	U29ART (2)	Red	324	
YBA30A		—	—	U30ART (2)	Blue	470	
YBA31A		—	—	U31ART (2)	Brown	299	
YBA32A		—	—	U32ART (4)	Green	472	
YBA34A		644 platforms (1) 4-POINT® platforms (4)	—	—	U34ART (4)	Pink	300
YBA36A		—	—	—	U36ART (4)	Black	473
YBA39A	—	—	—	U39ART-2 (4)	Yellow	936	
YBA42A	—	—	—	U42ART (4)	Gray	303	
YBA44A	Y644 platform (1)	—	—	P44ART (4)	Brown	302	

* Use PUADP-1 adapter with U dies in 46 Series tooling
 • P-RT die sets for use in 46 Series only, PUADP-1 adapter not required
 ** OUR840 can use X-style dies only.
 ‡ UL Listed with DLO Copper Clad Aluminum conductor using 644 Series tooling ONLY.
Note: All dimensions shown are for reference only.

TYPES YA-2NU, YA-4NU
Blank Tongue HYDENT™ Terminal

One or Two Hole, Long Barrel,
 Copper Compression Terminal



Blank tongue/tang features dimples at end of scored line representing the location of NEMA standard hole spacing. Scored line also indicates the center of the tongue and prevents the drill from walking when trying to drill. Proper compression systems form a highly efficient electrical connection. Offered in a wide range of code conductor sizes. Drilling of hole(s) to fit specific applications allows for maximum flexibility while still maintaining UL Listing and CSA Certification.

Catalog Number	Conductor		Min. Bolt Hole**	Tongue Width	Figure Dimensions			Wire Strip Length
	AWG	*** MM ²			B	T	L	
YA8C2NU	#8 AWG #6 Sol #8 Sol #8 Weld 37/24	—	#10	0.83	0.81	0.12	4.08	7/8
YA6C2NU	#6 AWG Sol/Str.	—	#10	0.83	1.12	0.12	4.40	1-3/16
YA5C2NU	#5 AWG	16	—	0.83	1.12	0.12	4.43	1-3/16
YA4C2NU	#4 AWG	—	#10	0.83	1.12	0.12	4.45	1-3/16
YA3C2NU	#3 AWG #2 Sol.	25	1/4	0.83	1.25	0.12	4.62	1-5/16
YA2C2NU	#2 AWG	35	1/4	0.83	1.25	0.12	4.64	1-5/16
YA1C2NU	#1 AWG	50	1/4	0.83	1.38	0.12	4.82	1-7/16
YA252NU	1/0 AWG	—	1/4	0.83	1.38	0.11	4.81	1-7/16
YA262NU	2/0 AWG	70	1/4	0.83	1.50	0.12	4.97	1-9/16
YA272NU	3/0 AWG	—	1/4	0.91	1.50	0.13	5.01	1-9/16
YA282NU	4/0 AWG	—	1/4	1.02	1.62	0.14	5.17	1-11/16
YA292NU	250 kcmil	120	1/4	1.11	1.62	0.16	5.21	1-11/16
YA302NU	300 kcmil	150	1/4	1.20	2.00	0.16	5.64	2-1/16
YA312NU	350 kcmil	185	1/4	1.29	2.00	0.18	5.68	2-1/16
YA322NU	400 kcmil	—	3/8	1.40	2.12	0.19	5.85	2-3/16
YA342NU	500 kcmil	240	3/8	1.55	2.25	0.22	6.06	2-5/16
YA362NU	600 kcmil	300	3/8	1.73	2.69	0.26	6.59	2-3/4
YA392NU	750 kcmil	375	3/8	1.91	2.88	0.27	6.87	2-15/16
YA402NU	800 kcmil	400	3/8	1.98	2.94	0.30	6.95	3
YA442NU	1000 kcmil	500	3/8	2.18	3.00	0.32	7.14	3-1/16
YA452NU	1250 kcmil	—	3/8	2.46	3.19	0.38	7.44	3-1/4
YA462NU	1500 kcmil	800	3/8	2.69	3.19	0.40	7.55	3-1/4
YA472NU	1750 kcmil	—	3/8	2.90	3.44	0.42	7.89	3-1/2
YA482NU	2000 kcmil	1000	3/8	3.10	3.44	0.46	7.98	3-1/2
YA444NU	1000 kcmil	500	3/8	3.00	3.00	0.23	7.14	3-1/16
YA454NU	1250 kcmil	—	3/8	3.00	3.19	0.30	7.44	3-1/4
YA464NU	1500 kcmil	800	3/8	3.00	3.19	0.34	7.55	3-1/4

INSTALLATION TOOL AND DIE INFORMATION

Catalog Number	Installation Tooling (# of crimps)					Color Code	Die Index
	Dieless	Mechanical	Hydraulic				
		MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS	Y750, Y46*, PAT750			
YA8C2NU	Y1MRTC (2) Y122CMR (2) MY29-11 (1) MY29-3 (1)	W8CRT (1) W8CVT (1) X8CRT (2)	W8CRT (1)	U8CRT (1) U8CRT (1)	Red	49	

Type YA-2NU, YA-4NU (Continued)

INSTALLATION TOOL AND DIE INFORMATION

Catalog Number	Installation Tooling (# of crimps)					Color Code	Die Index
	Dieless	Mechanical	Hydraulic				
		MD6, OUR840, MD7-34R	BCT500HS, Y500CHS	Y750, Y46*, PAT750			
YA6C2NU	Y1MRTC (2) Y122CMR (2) MY29-11 (1) MY29-3 (1) MRC840 (2) 81K Series (1)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	U5CRT (2) U8CABT (2)	Blue	7 or 374	
YA5C2NU	MY29-3 (2) MY29-1 (2) MRC840 (2) 81K Series (1)	W5CRT (2) W5CVT (2) X5CRT (2)	X5CRT (2) X5CVT (2) W5CRT (2)	U5CRT (2)	Blue	7	
YA4C2NU	Y1MRTC (4) Y122CMR (4) MY29-3 (2) MY29-11 (2) MRC840 (2)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	Gray	8 or 346	
YA3C2NU	644 Series (1) 81K Series (1)	W3CRT (2)	W3CRT (2)	U3CRT (2)	White	9	
YA2C2NU	Y122CMR (4) Y1MRTC (4) MY29-3 (2) MY29-11 (2)	W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	
YA1C2NU	MRC840 (2) 644 Series (1) 81K Series (2)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	U1CRT-1 (2) U4CABT (2)	Green	11	
YA252NU	MY29-3 (2) MY29-11 (2) MRC840 (4) 644 Series (1) 81K Series (2)	W25VT (4) W25RT (4) X25RT (4)	W25VT (4) W25RT (4) X25RT (4)	U25RT (2) U2CABT (2)	Pink	12 or 348	
YA262NU		W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13	
YA272NU		W27VT (4) W27RT (4) X27RT (6)	W27VT (4) W27RT (4) X27RT (6)	U27RT (2)	Orange	14	
YA282NU		W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15	
YA292NU	MY29-3 (2) MY29-11 (2) 644 Series (1) 81K Series (2)	W29VT (4) X29RT (8)	W29VT (4) W29RT (4) X29RT (8)	U29RT (2)	Yellow	16	
YA302NU	644 Series (1) 81K Series (3)	W30VT (4)	W30VT (4) W30RT (4)	U30RT (4) U28ART (4)	White	17	
YA312NU		W31VT (4)	W31VT (4) W31RT (4)	U31RT (4) U29ART (4)	Red	18	
YA322NU		W32VT (4)	W32VT (4) W32RT (4)	U32RT (4) U30ART (4)	Blue	19 or 470	
YA342NU	644 Series (1) 81K Series (4)	W34VT (4)	W34VT (4) W34RT (4)	U34RT (4) U31ART (4)	Brown	20 or 299	
YA362NU		—	—	U36RT (4) U32ART (4)	Green	22 or 472	
YA392NU	644 Series (1) 81K Series (3)	—	—	U39RT (4) •P39RT (4)	Black	24	
YA402NU		—	—	•P40RT (4)	Orange	25	
YA442NU		—	—	•P44RT (4)	White	27	
YA452NU		—	—	•P45RT (6)	Yellow	29	
YA462NU	—	—	—	•P46RT (6)	Green	31	
YA472NU	—	—	—	—	Gray	33	
YA482NU	—	—	—	—	Brown	34	
YA444NU	—	—	—	•P44RT	White	27	
YA454NU	—	—	—	•P45RT	Yellow	29	
YA464NU	—	—	—	•P46RT	Green	31	

* Use PUADP-1 adapter with U dies in 46 Series tooling

• P-RT die sets for use in 46 Series only, PUADP-1 adapter not required

** Minimum bolt hole size must be maintained to maintain UL Listing/CSA Certification..

‡ Requires 60 Ton installation tooling.

Note: All dimensions shown are for reference only.

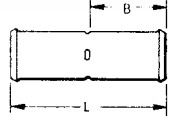
TYPE YS-L
HYLINK™ Splice



Copper Compression,
Standard Barrel Splice



Copper seamless barrel with center stop indentations indicating when wire is inserted into each side of the barrel. Barrel has an internal chamfer to ensure smooth wire insertion. Standard length barrel is recommended for installations with limited space requirements. Connectors are clearly marked with color coding.



Catalog Number	Conductor		Dimensions		Wire Strip Length
	AWG	*** MM ²	L	B	
YS8C-L-BOX	8 Str.	10	1.00	0.44	1/2"
YS6C-LBOX	6 Str.	—	1.75	0.81	7/8"
YS5C-LBOX	5 Str.	16	1.90	0.81	
YS4C-LBOX	4 Str.	—	1.75	0.81	7/8"
YS3C-L	3 Str./ 2 Sol.	25	2.05	0.88	15/16"
YS2C-LBOX	2 Str.	—	2.00	0.88	15/16"
YS1C-LBOX	1 Str.	50	2.06	0.88	15/16"
YS25-LBOX	1/0 Str.	—	2.08	0.88	15/16"
YS26-LBOX	2/0 Str.	70	2.17	0.94	1"
YS27-LBOX	3/0 Str.	95	2.30	1.00	1-1/16"
YS28-LBOX	4/0 Str.	—	2.32	1.00	1-1/16"
YS29-LBOX	250 kcmil	120	2.46	1.06	1-1/8"
YS30-L	300 kcmil	150	2.47	1.06	1-1/8"
YS31-L	350 kcmil	185	2.60	1.12	1-3/16"
YS32-L	400 kcmil	—	2.74	1.19	1-1/4"
YS34-L	500 kcmil	240	3.15	1.38	1-7/16"
YS36-L	600 kcmil	300	3.22	1.38	1-7/16"
YS38-L	700 kcmil	—	3.22	1.38	1-7/16"
YS39-L	750 kcmil	—	3.72	1.62	1-11/16"
YS44-L	1000 kcmil	500	4.28	1.88	1-15/16"

INSTALLATION TOOL AND DIE INFORMATION

Catalog Number	Installation Tooling ▲							
	Dieless (# of crimps)	Mechanical			Y35, ■Y39, 750 Series, 46* Series		▲ Die Index	
		Y1MRTC	MD7-34R	MD6 OUR840	Die Number (# crimps)	Color Code		
YS8C-L-BOX	81K Series (1)	Y1MRTC (1)	W8CVT (1)	X8CRT (1)	U8CRT (1)	Red	49	
YS6C-LBOX			W5CVT (1)	X5CRT (1)	U5CRT (1)	Blue	7 or 374	
YS5C-LBOX			Y1MRTC (2)	W4CVT (1)	X4CRT (1)	U4CRT (1)	Gray	8 or 346
YS4C-LBOX		—		—	U3CRT (1)	White	9	
YS3C-L		W2CVT (1)		X2CRT (1)	U2CRT (1)	Brown	10	
YS2C-LBOX		W1CVT (1)		X1CRT (1)	U1CRT-1 (1)	Green	11 or 375	
YS1C-LBOX		W25VT (2)		X25RT (2)	U25RT (1)	Pink	12 or 348	
YS25-LBOX		W26VT (2)		X26RT (2)	U26RT (1)	Black	13	
YS26-LBOX		81K Series (2)	—	W27VT (2)	X27RT (2)	U27RT (1)	Orange	14
YS27-LBOX				W28VT (2)	X28RT (2)	U28RT (1)	Purple	15
YS28-LBOX				W29VT (2)	—	U29RT (1)	Yellow	16
YS29-LBOX				W30VT (2)		U30RT (2)	White	17 or 298
YS30-L				W31VT (2)		U31RT (2)	Red	18 or 324
YS31-L				W32VT (2)		U32RT (2)	Blue	19 or 470
YS32-L				W34VT (2)	—	U34RT (2)	Brown	20 or 299
YS34-L	—			U36RT (2)		Green	22 or 472	
YS36-L				U38RT (2)		Pink	400	
YS38-L				U39RT (2)		Black	24	
YS39-L		81K Series (3)	—	P44RT (2)**	White	27		
YS44-L								

* Use PUADP-1 adapter with U dies in 46 Series tooling

** P-RT die sets for use in 46 Series 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 insulated code cable

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

Note: All dimensions shown are for reference only.

TYPE YS
HYLINK™ Splice



Copper Compression,
Long Barrel Splice

Copper seamless barrel with center stop indentations indicating when wire is fully inserted into each side of the barrel. Barrel has an internal chamfer to ensure smooth wire insertion. Long barrel allows for an increased number of crimps which increase the mechanical strength of the connection. Connectors are clearly marked with color coding.



Catalog Number	Conductor		Dimensions		Wire Strip Length
	AWG	mm ²	L	B	
YS8C	8 Str.	10	1.75	0.78	7/8
YS6C	6 Str.	—	2.38	1.09	1-3/16
YS5C	5 Str.	16	2.55	1.09	1-3/16
YS4C	4 Str.	—	2.55	1.09	1-3/16
YS3C	3 Str./2 Sol.	25	2.80	1.22	1-5/16
YR2C2WT	2 Str. - 2Sol.	25	3.03	1.25	1-5/8
YS2C	2 Str.	35	2.82	1.22	1-5/16
YS1C	1 Str.	50	3.07	1.34	1-7/16
YS25	1/0 Str.	—	3.08	1.34	1-7/16
YS26	2/0 Str.	70	3.30	1.45	1-9/16
YS27	3/0 Str.	—	3.30	1.45	1-9/16
YS28	4/0 Str.	—	3.57	1.58	1-11/16
YS29	250 kcmil	120	3.58	1.58	1-11/16
YS30	300 kcmil	150	4.34	1.95	2-1/16
YS31	350 kcmil	185	4.35	1.95	2-1/16
YS32	400 kcmil	—	4.62	2.08	2-3/16
YS34	500 kcmil	240	4.91	2.20	2-5/16
YS36	600 kcmil	300	5.85	2.63	2-3/4
YS39	750 kcmil	—	6.38	2.81	2-15/16
YS44	1000 kcmil	500	6.55	2.94	3-1/16
YS46	1500 kcmil	—	7.01	3.13	3-1/4
YS48	2000 kcmil	—	7.57	3.27	3-3/8

Type YS (Continued)

INSTALLATION TOOL AND DIE INFORMATION

Catalog Number	Installation Tooling ▲						
	Dieless (# of crimps)	Mechanical			Y35 †, Y39, Y750, Y46		▲ Die Index & Emboss.
		Y1MRTC	MD7-34R	MD6 OUR840	Die (# crimps)	Color Code	
YS8C	81KFT Series (1)	(2)	W8CVT (2)	X8CRT (2)	U8CRT (2)	Red	49
YS6C			W5CVT (2)	X5CRT (2)	U5CRT (2)	Blue	7 or 374
YS5C			W5CVT (2)	X5CRT (2)	U5CRT (2)	Blue	7 or 374
YS4C		(4)	W4CVT (2)	X4CRT (2)	U4CRT (2)	Gray	8 or 346
YS3C	—		U3CRT (2)	—	White	9	
YR2C2WT	W2CVT (2) W2CRT (2)		W2CVT (2) W2CRT (2)	U2CRT (2)	Brown	10	
YS2C	W2CVT (2)		X2CRT (2)	U2CRT (2)	Brown	10	
YS1C	W1CVT (2)		X1CRT-1 (2)	U1CRT-1 (2)	Green	11 or 375	
YS25	—		W25VT (4)	X25RT (4)	U25RT (2)	Pink	12 or 348
YS26	—		W26VT (4)	X26RT (4)	U26RT (2)	Black	13
YS27	—		W27VT (4)	X27RT (4)	U27RT (2)	Orange	14
YS28	—		W28VT (4)	X28RT (4)	U28RT (2)	Purple	15
YS29	—		W29VT (4)	—	U29RT (2)	Yellow	16
YS30	81KFT Series (3)	—	W30VT (4)	—	U30RT (4)	White	17 or 298
YS31		—	W31VT (4)	—	U31RT (4)	Red	18 or 324
YS32		—	W32VT (4)	—	U32RT (4)	Blue	19 or 470
YS34	81KFT Series (4)	—	W34VT (4)	—	U34RT (4)	Brown	20 or 299
YS36		—	—	—	U36RT (4)	Green	22 or 472
YS39		—	—	—	U39RT (4)	Black	24
YS44		—	—	—	P44RT (2)	White	27
YS46		—	—	—	P46RT (6)	Green	31
YS48	—	—	—	—	† L48RT (4)	Brown	34

* Use PUADP-1 adapter with U dies in 46 Series tooling

** P-RT die sets for use in 46 Series 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 insulated code cable

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

† Requires 60 Ton Press

Note: All dimensions shown are for reference only.

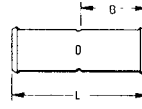
TYPE YS-FXB
HYLINK™ Splice



Copper Compression,
Belled, Long Barrel Splice



Copper seamless barrel is designed with a “belled” opening at the wire entry ensuring smooth insertion of highly flexible stranded wire. Center stop indentations indicate when a wire is fully inserted into each side of the barrel. Long barrel allows for an increased number of crimps which increase the mechanical strength of the connection. Connectors are clearly marked with color coding.



Catalog Number	Conductor		Dimensions		Installation Tooling (# Crimps/End)					Cable Strip Length
	Flexible Cable Code AWG	*** MM ²	L (mm)	B (mm)	Dieless	Y1MRTC	35, 39, 750, and 46* Series			
							Die Index	Color Code	Die	
YS8C-FXB	#8 AWG G,H,I,K,M DLO (37/24)	10	1.99 (51)	0.90 (23)	81K Series (1)	(2)	49	Red	U8CRT (2)	1" (25)
YSV6C-FXB	#6 AWG G,H,I,K,M DLO (61/24)	† 16	2.62 (67)	1.22 (31)			7	Blue	U5CRT (2)	1-5/16" (33)
YSV4C-FXB	#4 AWG G,H,I,K,M DLO (105/24)	—	2.62 (67)	1.22 (31)		(4)	8	Gray	U4CRT (2)	1-5/16" (33)
YSV2C-FXB	#2 AWG G,H,I,K,M DLO (150/24)	35	2.89 (73)	1.35 (34)			10	Brown	U2CRT (2)	1-7/16" (37)
YSV1C-FXB	#1 AWG G,H,I,K,M DLO (225/24)	—	3.18 (81)	1.50 (38)			11	Green	U1CRT1 (2)	1-9/16" (40)
YSV25-FXB	1/0 AWG G,H,I,K,M DLO (275/24)	50	3.18 (81)	1.50 (38)			12	Pink	U25RT (2)	1-9/16" (40)
YSV26-FXB	2/0 AWG G,H,I,K,M DLO (325/24)	70	3.44 (87)	1.63 (41)			13	Black	U26RT (2)	1-11/16" (43)
YSV27-FXB	3/0 AWG G,H,I,K,M DLO (450/24)	95	3.46 (88)	1.64 (42)			14	Orange	U27RT (2)	1-11/16" (43)
YSV28-FXB	4/0 AWG G,H,I,K,M DLO (550/24)	† 120	3.72 (94)	1.77 (45)			15	Purple	U28RT (2)	1-7/8" (48)
YS30-FXB	250 kcmil G,H	—	4.51 (115)	2.16 (55)			81K Series (2)	—	16	Yellow
YS31-FXB	250 kcmil I,K,M DLO 262 (650/24)	150	4.54 (115)	2.18 (55)	17	White			U30RT (4)	2-1/4" (57)
YS32-FXB	300 kcmil G,H,I,K,M DLO 313 (775/24)	185	4.82 (122)	2.32 (59)	18	Red			U31RT (4)	2-7/16" (62)
YS34-FXB	350 kcmil G,H,I,K,M DLO 373 (925/24)	240	5.14 (131)	2.48 (63)	19	Blue			U32RT (4)	2-9/16" (65)
YS36-FXB	500 kcmil G,H DLO 444 (110/24)	300	6.09 (155)	2.95 (75)	20	Brown			U34RT (4)	3-1/16" (79)
YS38-FXB	500 kcmil H,I,K 550 kcmil G,H,I DLO 535 (325/24)	—	6.34 (161)	3.08 (78)	L99	Pink			U38XRT (4)	3-3/16" (81)
YS40-FXB	650 kcmil G DLO 646 (1600/24)	400	6.66 (1.69)	3.24 (82)	81K Series (3)	24	Black	U39RT (4)	3-5/16" (84)	
YS44-FXB	750 kcmil G,H DLO 777 (1925/24)	500	6.84 (174)	3.33 (85)		L115	Yellow	U44XRT (4) †P44XRT (4)	3-7/16" (87)	

* Use PUADP-1 adapter with U dies in 46 Series tooling

** P-RT die sets for use in 46 Series 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 373.7 kcmil

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

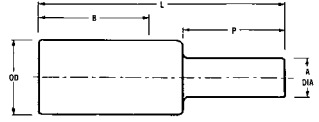
Note: All dimensions shown are for reference only.

**TYPES YE-P, YE-P-FX
HYPLUG™ Adapters**

Copper Compression Adapters
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. Connectors are cULus Listed wire adaptors per UL 486A/B where symbol is shown on the page. Used in voltage drop applications. Designed with a compression barrel that accommodates the wire and a solid pin that is used to insert and terminate in a mechanical set screw connector. Solid pin design is rated to carry the equivalent ampacity of the incoming wire being terminated, solid pin design is more effected that stranded conductor as there is no risk of damaging strands during termination in the mechanical set screw connector. Covers are supplied with connectors.



Catalog Number	Accommodates Copper Wire Sizes			Pin Size Equiv.	Dimensions					Cable Strip Length
	Flex Cable	Code AWG	Navy		A Dia	B	L	P	OD	
YEY4CP20X75FX	#4 Str. 91/24-105/24	#4	40	#4 AWG	0.20	1.37	2.27	0.75	0.38	1-1/2
YEV2CP26X75FX	#2 Str. (125/24-150/24)	#2	60	#2 AWG	0.26	1.65	2.60	0.75	0.46	1-3/4
YEV1CP29X75FX	#1 Str. (175/24-225/24)	#1	75	#1 AWG	0.29	1.66	2.63	0.75	0.51	1-3/4
YEV25P33X75FX	1/0 Str. (275/24)	1/0	100	1/0 AWG	0.33	1.80	2.80	0.75	0.56	1-7/8
YEV26P37X75FX	2/0 Str. (325/24)	2/0	125	2/0 AWG	0.37	1.82	2.86	0.75	0.63	1-7/8
YEV27P41X82FX	3/0 Str. (450/24)	3/0	150	3/0 AWG	0.41	1.97	3.11	0.82	0.70	2-1/16
YEV28P46X92FX	4/0 Str. (550/24)	4/0	200	4/0 AWG	0.46	1.99	3.28	0.92	0.77	2-1/16
	FLEX CABLE ONLY									
YE30P50X100FX	250 kcmil Flex Class G 259 Class H 427			250 kcmil	0.50	2.37	3.75	1.00	0.81	2-3/8
YE31P51X102FX	262.6 kcmil Flex (650/24) 250 Flex Class I, K, M			262.6 kcmil	0.51	2.39	3.82	1.02	0.88	2-1/2
YE32P55X110FX	313.1 kcmil (775/24) (300 kcmil Nom)			300 kcmil	0.55	2.53	4.08	1.10	0.95	2-5/8
YE34P59X118FX	373.7 kcmil (925/24) (350 kcmil Nom)			350 kcmil	0.59	2.68	4.36	1.18	1.06	2-3/4
YE36P67X134FX	444.4 kcmil (1100/24) (450 kcmil Nom)			450 kcmil	0.67	3.14	5.04	1.34	1.19	3-1/4
YE38P71X142FX	535.3 kcmil (1325/24) (500 kcmil Nom)			500 kcmil	0.71	3.29	5.30	1.42	1.25	3-3/8
YE40P78X156FX	646 kcmil (1600/24) (600 kcmil Nom)			600 kcmil	0.78	3.31	5.51	1.56	1.35	3-7/16
YE44P87X174FX	777.7 kcmil (1925/24) (750 kcmil Nom)			750 kcmil	0.87	3.54	5.99	1.74	1.50	3-5/8
	CODE CABLE ONLY		AWG							
YE29P50X100	250 kcmil	250		250 kcmil	0.50	1.99	3.33	1.00	0.75	2-1/2
YE30P55X110	300 kcmil	300		300 kcmil	0.55	2.37	3.85	1.10	0.81	2-5/8
YE31P59X118	350 kcmil	350		350 kcmil	0.59	2.39	3.98	1.18	0.88	2-3/4
YE32P63X126	400 kcmil	400		400 kcmil	0.63	2.53	4.24	1.26	0.95	3-1/4
YE34P71X142	500 kcmil	—		500 kcmil	0.71	2.68	4.60	1.42	1.06	3-3/8
YE36P78X156	600 kcmil	—		600 kcmil	0.78	3.14	3.78	1.56	1.19	1-3/4
YE39P87X174	750 kcmil	—		750 kcmil	0.87	3.37	5.73	1.74	1.30	3-5/8

Type YE-P, YE-P-FX (Continued)

INSTALLATION TOOL AND DIE INFORMATION

Catalog Number	Installation Data								
	Color Code	Die Index	Mech Tools (# of Crimps)			Hydraulic Tools (# of Crimps)			
			MY2911	MD734R	MD6 / MD7	35, 39, 750 Series	46 Series	60 Ton	644 Series
YE4CP20X75FX	Gray	8	(1)	W4CVT (2)	W4CRT (2)	U4CRT (2)		—	(1)
YE2CP26X75FX	Brown	10		W2CVT (2)	W2CRT (2)	U2CRT (2)			
YE1CP29X75FX	Green	11		W1CVT (2)	W1CRT1 (2)	U1CRT1 (2)			
YE25P33X75FX	Pink	12		W25VT (4)	W25RT (4)	U25RT (2)			
YE26P37X75FX	Black	13		W26VT (4)	W26RT (4)	U26RT (2)			
YE27P41X82FX	Orange	14		W27VT (4)	W27RT (4)	U27RT (2)			
YE28P46X92FX	Purple	15		W28VT (4)	W28RT (4)	U28RT (2)			
YE30P50X100FX	Yellow	16	(1)	W29VT (4)	W29RT (4)	U29RT (2)	L29RT (1)	(1)	
YE31P51X102FX	White	17	—	W30VT (4)	W30RT (4)	U30RT (4)	L30RT (1)		
YE32P55X110FX	Red	18		W31VT (4)	W31RT (4)	U31RT (4)	L31RT (1)		
YE34P59X118FX	Blue	19		W32VT (4)	W32RT (4)	U32RT (4)	L32RT (1)		
YE36P67X134FX	Brown	20		—	—	U34RT (4)	L34RT (2)		
YE38P71X142FX	Pink	L99		—	—	U38XRT (4)	—		
YE40P78X156FX	Black	24				U39RT (4)	L39RT (2)		
YE44P87X174FX	Yellow	L115				U44XRT (4)	—		
YE29P50X100	Yellow	16	(1)	W29VT (4)	W29RT (4)	U29RT (2)	—	(1)	
YE30P55X110	White	17	—	W30VT (4)	W30RT (4)	U30RT (4)	L30RT (1)		
YE31P59X118	Red	18	—	W31VT (4)	W31RT (4)	U31RT (4)	L31RT (1)		
YE32P63X126	Blue	19	—	W32VT (4)	W32RT (4)	U32RT (4)	L32RT (1)		
YE34P71X142	Brown	20	—	W34VT (4)	W34RT (4)	U34RT (4)	L34RT (2)		
YE36P78X156	Green	22	—	—	—	U36RT (4)	L36RT (2)		
YE39P87X174	Black	24	—	—	—	U39RT (4)	P39RT (4)		L39RT (2)

- ① For sizes above 4/0 the MD6-6R2 must be used.
 - ② See Sales Drawings for Metric Conductor Ratings.
 - ④ To use U Dies in Y46 HYPRESS™, catalog number PUADP-1 die adaptor is required.
- Note: All dimensions shown are for reference only.

Type YE-P, YE-P-FX (Continued)

Connectors on this page are NOT cULus Listed

Catalog Number	Accommodates Copper Wire Sizes			Pin Size Equiv.	Dimensions					Cable Strip Length
	Flex Cable	Code AWG	Navy		A Dia	B	L	P	OD	
YEV2CP23X75FX	#2 Str. (125/24-150/24)	#2	60	3 AWG	0.23	1.65	2.60	0.75	0.46	1-3/4
YEV1CP26X75FX	#1 Str. (175/24-225/24)	#1	75	2 AWG	0.26	1.66	2.63	0.75	0.51	1-3/4
YEV25P29X75FX	1/0 Str. (275/24)	1/0	100	1 AWG	0.29	1.80	2.80	0.75	0.56	1-7/8
YEV26P33X75FX	2/0 Str. (325/24)	2/0	125	1/0 AWG	0.33	1.82	2.86	0.75	0.63	1-7/8
YEV27P37X75FX	3/0 Str. (450/24)	3/0	150	2/0 AWG	0.37	1.97	3.04	0.75	0.70	2-1/16
YEV28P41X75FX	4/0 Str. (550/24)	4/0	200	3/0 AWG	0.41	1.99	3.11	0.75	0.77	2-1/16
	FLEX CABLE ONLY									
YE30P46X92FX	250 kcmil Flex Class G 255 Class H 427	—	—	4/0 AWG	0.46	2.37	3.67	0.92	0.81	2-3/8
YE32P51X102FX	313.1 kcmil (775/24) (300 kcmil Nom)	—	—	250 kcmil	0.51	2.53	4.00	1.02	0.95	2-5/8
YE34P55X110FX	373.7 kcmil (925/24)(350 kcmil Nom)	—	—	300 kcmil	0.55	2.68	4.28	1.10	1.06	2-3/4
YE36P59X118FX	444.4 kcmil (1100/24) (450 kcmil Nom)	—	—	350 kcmil	0.59	3.14	4.88	1.18	1.19	3-1/4
YE38P67X134FX	535.3 kcmil (1325/24) (500 kcmil Nom)	—	—	450 kcmil	0.67	3.29	5.22	1.34	1.25	3-3/8
YE40P71X142FX	646 kcmil (1600/24) (600 kcmil Nom)	—	—	500 kcmil	0.71	3.31	5.37	1.42	1.35	3-7/16
YE44P78X156FX	777.7 kcmil (1925/24) (750 kcmil Nom)	—	—	600 kcmil	0.78	3.54	5.81	1.56	1.50	3-5/8
	CODE CABLE ONLY			AWG						
YE29P46X92	250 kcmil	—	250	4/0 kcmil	0.46	1.99	3.25	0.92	0.75	2-1/2
YE30P50X100	300 kcmil	—	300	250 kcmil	0.50	2.37	3.75	1.00	0.81	2-5/8
YE31P55X110	350 kcmil	—	350	300 kcmil	0.55	2.39	3.90	1.10	0.88	2-3/4
YE32P59X118	400 kcmil	—	400	350 kcmil	0.59	2.53	4.16	1.18	0.95	3-1/4
YE34P63X126	500 kcmil	—	—	400 kcmil	0.63	2.68	4.44	1.26	1.06	3-3/8
YE36P71X142	600 kcmil	—	—	500 kcmil	0.71	3.14	5.11	1.42	1.19	3-7/16
YE39P78X156	750 kcmil	—	—	600 kcmil	0.78	3.37	5.55	1.56	1.30	3-5/8

Catalog Number	Installation Data								
	Color Code	Die Index	Mech Tools (# of Crimps)			Hydraulic Tools (# of Crimps)			
			MY 2911	MD734R	MD6 / MD7	35, 39, 750 Series	46 Series	60 Ton	644 Series
YEV2CP23X75FX	Brown	10	(1)	W2CVT (2)	W2CRT (2)	U2CRT (2)			
YEV1CP26X75FX	Green	11		W1CVT (2)	W1CRT1 (2)	U1CRT-1 (2)			
YEV25P29X75FX	Pink	12		W25VT (4)	W25RT (4)	U25RT (2)			
YEV26P33X75FX	Black	13		W26VT (4)	W26RT (4)	U26RT (2)			
YEV27P37X75FX	Orange	14		W27VT (4)	W27RT (4)	U27RT (2)			
YEV28P41X75FX	Purple	15		W28VT (4)	W28RT (4)	U28RT (2)			
YE30P46X92FX	Yellow	16		W29VT (4)	W29RT (4)	U29RT (2)	L29RT (1)		
YE32P51X102FX	Red	18	—	W31VT (8)	W31RT (8)	U31RT (4)	L31RT (1)		
YE34P55X110FX	Blue	19	—	W32VT (8)	W32RT (8)	U32RT (4)	L32RT (1)		
YE36P59X118FX	Brown	20	—	W34VT (8)	W34RT (8)	U34RT (4)	L34RT (2)		
YE38P67X134FX	Pink	L99	—	—	—	U38XRT (4)	—		
YE40P71X142FX	Black	24	—	—	—	U39RT (4)	L39RT (2)		
YE44P78X156FX	Yellow	L115	—	—	—	U44XRT (4)	—		
YE29P46X92	Yellow	16	(1)	W29VT (4)	W29RT (4)	U29RT (2)	—		
YE30P50X100	White	17	—	W30VT (8)	W30RT (8)	U30RT (4)	L30RT (1)		
YE31P55X110	Red	18	—	W31VT (8)	W31RT (8)	U31RT (4)	L31RT (1)		
YE32P59X118	Blue	19	—	W32VT (8)	W32RT (8)	U32RT (4)	L32RT (1)		
YE34P63X126	Brown	20	—	W34VT (8)	W34RT (8)	U34RT (4)	L34RT (2)		
YE36P71X142	Green	22	—	—	—	U36RT (4)	L36RT (2)		
YE39P78X156	Black	24	—	—	—	U39RT (4)	P39RT (4)	L39RT (2)	

① For sizes above 4/0 the MD6-6R2 must be used.
 ② See Sales Drawings for Metric Conductor Ratings.
 ④ To use U Dies in Y46 HYPRESS™, catalog number PUADP-1 die adaptor is required.
 Note: All dimensions shown are for reference only.

Type YE-P, YE-P-FX (Continued)

Connectors on this page are NOT cULus Listed

REDUCED PIN DIAMETER

Catalog Number	Accommodates Copper Wire Sizes			Pin Size Equiv.	Dimensions					Cable Strip Length
	Flex Cable	Code AWG	Navy		A Dia	B	L	P	OD	
YEV4CP16X75FX	#4 Str. (91/24-105/24)	#4	40	6 AWG	0.16	1.37	2.27	0.75	0.38	1-1/2
YEV2CP20X75FX	#2 Str. (125/24-150/24)	#2	60	4 AWG	0.20	1.65	2.60	0.75	0.46	1-3/4
YEV1CP23X75FX	#1 Str. (175/24-225/24)	#1	75	3 AWG	0.23	1.66	2.63	0.75	0.51	1-3/4
YEV25P26X75FX	1/0 Str. (275/24)	1/0	100	2 AWG	0.26	1.80	2.80	0.75	0.56	1-7/8
YEV26P29X75FX	2/0 Str.(325/24)	2/0	125	1 AWG	0.29	1.82	2.86	0.75	0.63	1-7/8
YEV27P33X75FX	3/0 Str. (450/24)	3/0	150	1/0 AWG	0.33	1.97	3.04	0.75	0.70	2-1/16
YEV28P37X75FX	4/0 Str. (550/24)	4/0	200	2/0 AWG	0.37	1.99	3.11	0.75	0.77	2-1/16
FLEX CABLE ONLY										
YE31P41X82FX	262.6 kcmil (650/24) 250 Flex Class I, K, M		—	3/0 AWG	0.41	2.39	3.62	0.82	0.88	2-1/2
YE34P51X102FX	373.7 kcmil (925/24) (350 kcmil Nom)		—	250 kcmil	0.51	2.68	4.20	1.02	1.06	2-3/4
YE38P59X118FX	535.3 kcmil (1325/24) (500 kcmil Nom)		—	350 kcmil	0.59	3.29	5.06	1.18	1.25	3-3/8
YE40P67X134FX	646 kcmil (1600/24) (600 kcmil Nom)		—	450 kcmil	0.67	3.31	5.29	1.34	1.35	3-7/16
CODE CABLE ONLY										
YE29P31X109	250 kcmil		—	1 AWG	0.31	1.06	2.49	1.09	0.75	1-1/8
YE29P41X82	250 kcmil		—	3/0 AWG	0.41	1.99	3.15	0.82	0.75	2-1/2
YE30P46X92	300 kcmil		—	4/0 AWG	0.46	2.37	3.67	0.92	0.81	2-5/8
YE31P50X100	350 kcmil		—	250 kcmil	0.50	2.39	3.80	1.00	0.88	2-3/4
YE32P55X110	400 kcmil		—	300 kcmil	0.55	2.53	4.08	1.10	0.95	3-1/4
YE34P59X118	500 kcmil		—	350 kcmil	0.59	2.68	4.36	1.18	1.06	3-3/8
YE36P63X126	600 kcmil		—	400 kcmil	0.63	3.14	4.95	1.26	1.19	3-7/16
YE39P71X142	750 kcmil		—	500 kcmil	0.71	3.37	5.41	1.42	1.30	3-5/8

Catalog Number	Installation Data								
	Color Code	Die Index	Mech Tools (# of Crimps)			Hydraulic Tools (# of Crimps)			644 Series
			MY 2911	MD734R	MD6 / MD7	35, 39, 750 Series	46 Series	60 Ton	
YEV4CP16X75FX	Gray	8	(1)	W4CVT (2)	W4CRT (2)	U4CRT (2)	U4CRT (2)	—	—
YEV2CP20X75FX	Brown	10		W2CVT (2)	W2CRT (2)	U2CRT (2)	U2CRT (2)	—	(1)
YEV1CP23X75FX	Green	11		W1CVT (2)	W1CRT1 (2)	U1CRT-1 (2)	U1CRT-1 (2)	—	
YEV25P26X75FX	Pink	12		W25VT (4)	W25RT (4)	U25RT (2)	U25RT (2)	—	
YEV26P29X75FX	Black	13		W26VT (4)	W26RT (4)	U26RT (2)	U26RT (2)	—	
YEV27P33X75FX	Orange	14		W27VT (4)	W27RT (4)	U27RT (2)	U27RT (2)	—	
YEV28P37X75FX	Purple	15		W28VT (4)	W28RT (4)	U28RT (2)	U28RT (2)	—	
YE31P41X82FX	White	17	—	W30VT (8)	W30RT (8)	U30RT (4)	U30RT (4)	L30RT (1)	(1)
YE34P51X102FX	Blue	19		W32VT (8)	W32RT (8)	U32RT (4)	U32RT (4)	L32RT (1)	
YE38P59X118FX	Pink	L99		—	—	U38XRT (4)	U38XRT (4)	—	
YE40P67X134FX	Black	24		—	—	U39RT (4)	U39RT (4)	L39RT (2)	
YE29P31X109	Yellow	16	—	—	W29RT (4)	U29RT (2)	U29RT (2)	L29RT (2)	—
YE29P41X82	Yellow	16	(1)	W29VT (4)	W29RT (4)	U29RT (2)	U29RT (2)	—	(1)
YE30P46X92	White	17	—	W30VT (8)	W30RT (8)	U30RT (4)	U30RT (4)	L30RT (1)	
YE31P50X100	Red	18		W31VT (8)	W31RT (8)	U31RT (4)	U31RT (4)	L31RT (1)	
YE32P55X110	Blue	19		W32VT (8)	W32RT (8)	U32RT (4)	U32RT (4)	L32RT (1)	
YE34P59X118	Brown	20		W34VT (8)	W34RT (8)	U34RT (4)	U34RT (4)	L34RT (2)	
YE36P63X126	Green	22		—	—	U36RT (4)	U36RT (4)	L36RT (2)	
YE39P71X142	Black	24		—	—	U39RT (4)	P39RT (4)	L39RT (2)	

- ① For sizes above 4/0 the MD6-6R2 must be used.
 - ② See Sales Drawings for Metric Conductor Ratings.
 - ④ To use U Dies in Y46 HYPRESS™, catalog number PUADP-1 die adaptor is required.
- Note: All dimensions shown are for reference only.

TYPES AYP, AYPO
HYPLUG™ Adapters



Compression Adapters
for aluminum and copper conductor

Aluminum pin terminals are dual rated to accommodate both copper and aluminum wire and are indicated with the AL-CU on the connector. AL9CU indicates the terminal can accommodate aluminum and copper wire and is UL Listed 90°C, up to 35kV. AL7CU indicates the terminal can accommodate aluminum and copper wire and is UL Listed 75°C, up to 35kV. Short pin length design permits easy installation in limited space applications while rated for the full ampacity of the incoming conductor. Barrel has an internal chamfer at wire entry for smooth wire insertion. Electro-tin plated unless specified otherwise. Clearly marked with wire size, die index, color code, and crimp locations bands. Factory filled with PENETROX™ A13 oxide inhibitor. Color coded end caps are factory inserted in barrels to match die color code while also preventing foreign materials from entering the barrel. Covers are supplied with connectors. Type AYP has an in-line pin; Type AYPO has offset pin design.



TYPE AYPO



TYPE AYP

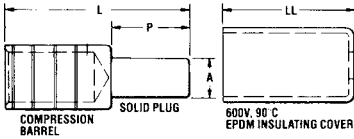


Fig 1: TYPE AYP (Straight)

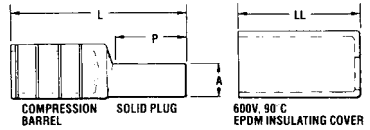


Fig 2: TYPE AYPO (Offset)

644 Series Dieless HYPRESS™ RANGE-TAKING CAPABILITIES

The following HYPLUG™ lugs and two way splices, when crimped with the 644 Series Dieless HYPRESS™ tool, produce the following range-taking capabilities for Aluminum Conductor only:

Aluminum Conductors Only					
Standard Wire Size	Expanded Wire Range	Standard Wire Size	Expanded Wire Range	Standard Wire Size	Expanded Wire Range
#6 AWG	#6 AWG	3/0 AWG	3/0 - #1 AWG	500 kcmil	500 kcmil - 4/0 AWG
#4 AWG	#4 - #6 AWG	4/0 AWG	4/0 - #1 AWG	600 kcmil	600 - 250 kcmil
#2 AWG	#2 - #6 AWG	250 kcmil	250 kcmil - 1/0 AWG	750 kcmil	750 - 500 kcmil
#1 AWG	#1 - #2 AWG	300 kcmil	300 kcmil - 2/0 AWG	900 kcmil	900 - 600 kcmil
1/0 AWG	1/0 - #1 AWG	350 kcmil	350 kcmil - 3/0 AWG		
2/0 AWG	2/0 - #1 AWG	400 kcmil	400 kcmil - 4/0 AWG		

Type AYP, AYPO (Continued)

Catalog Number	Copper & Aluminum Conductor	Fig. No.	Dimensions					Wire Strip Length
			A ▼ Pin Dia.	Pin Size Equiv.	Overall Length	L Pin Length	LL Cover Length	
AYP6	6 AWG	1	0.23	4 AWG	0.68	1.85	2.03	1-1/16
AYP4	4 AWG	1	0.23	4 AWG	0.68	1.85	2.03	
AYP2	2 AWG	1	0.23	4 AWG	0.68	1.85	2.03	
AYP1	1 AWG	1	0.26	3 AWG	0.84	2.01	2.03	
AYP1/0	1/0 AWG	1	0.29	2 AWG	0.84	2.01	2.03	
AYPO2/0	2/0 AWG	2	0.33	1 AWG	1.09	2.70	2.23	1-1/8
AYPO3/0	3/0 AWG	2	0.37	1/0 AWG	1.22	2.80	2.23	1-1/8
AYPO4/0	4/0 AWG	2	0.42	2/0 AWG	1.22	2.80	2.23	1-1/8
AYP250	250 kcmil	1	0.47	3/0 AWG	1.16	2.63	2.54	1-1/8
AYPO250	250 kcmil	2	0.47	3/0 AWG	1.22	2.98	2.54	1-1/8
AYPO300	300 kcmil	2	0.53	4/0 AWG	1.34	3.08	2.54	1-1/8
AYP350	350 kcmil	1	0.57	250 kcmil	1.34	2.75	2.54	1-1/8
AYPO350	350 kcmil	2	0.57	250 kcmil	1.34	3.08	2.54	1-1/8
AYPO400	400 kcmil	2	0.63	300 kcmil	1.60	3.43	2.81	1-1/8
AYP500	500 kcmil	1	0.68	350 kcmil	1.60	3.08	2.81	1-1/8
AYPO500	500 kcmil	2	0.68	350 kcmil	1.60	3.43	2.81	1-1/8
AYPO600	600 kcmil	2	0.73	400 kcmil	1.64	4.02	3.69	1-3/4
AYP750	700 - 750 kcmil	1	0.81	500 kcmil	1.76	3.79	3.69	1-3/4
AYPO750	700 - 750 kcmil +900 Compact AL	2	0.81	500 kcmil	1.76	4.16	3.69	1-3/4
AYP900	900 kcmil AL	1	0.91	650 kcmil	1.82	4.10	4.20	1-5/8
AYPO900	& 600 kcmil CU	2	0.91	650 kcmil	1.82	4.16	4.20	
AYPO1000***	1000 kcmil	1	0.81	500 kcmil	1.76	4.17	—	1-3/4

Catalog Number	Installation Tooling ▲					
	Mechanical			35, 39, 750, and 46* Series		▲ Die Index & Emboss.
	Dieless Tools (# of crimps)	+ OH25	+ MD6	Die Number (# of crimps)	Color Code	
AYP6	MY29-3 (2) ** Y / PAT644 (1) Y / PAT81KFT (1)	1 crimp	W241	U25ART (1)	Tan	296
AYP4						
AYP2						
AYP1						
AYP1/0						
AYPO2/0	MY29-3 (2) ** Y / PAT644 (1) Y / PAT81KFT (2)	—	—	U28ART (2)	White	298
AYPO3/0						
AYPO4/0						
AYP250						
AYPO250	Hydraulic: Y / PAT644 (1) Y / PAT81KFT (2)	—	—	U31ART (2)	Brown	299
AYPO300						
AYP350						
AYPO350						
AYPO400						
AYP500						
AYPO500	Y / PAT644 (1) Y / PAT81KFT (3)	—	—	U39ART-2 (3)	Yellow	936
AYPO600						
AYP750						
AYPO750	Y / PAT644 (1) Y / PAT81KFT (3)	—	—	U42ART (4)	Gray	303
AYP900						
AYPO900						
AYPO1000***	—	—	—	P44ART (4)	Brown	302

▲ 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 with these tools.

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

■ Also accommodates compressed and compact conductors (except for 700 kcmil in 750 kcmil barrel).

+ Tested with Y644HSXT and PAT644XT-18V dieless tools only and not UL Listed with any tool on 900 Compact AL.

***Does not come with a cover. Not UL Listed.

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

Notes:

All dimensions shown are for reference only.

CSA Certified for AL Conductor only.

Scratch brush aluminum conductor before installation.

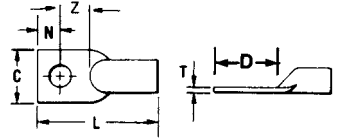
▼ For copper equivalent wire size see Section O (Aluminum 1350 Cable) in BURNDY Master Catalog.

TYPE YA-A
HYLUG™ Terminal



Uninsulated Aluminum Terminal
1-hole Design for AL and CU Conductor

Type YA-A aluminum tin-plated compression HYLUG™ terminals are dual-rated and designed for use on both aluminum and copper conductors from #12 solid through 2000 kcmil. Designed for heavy duty applications to 35kV. Prefilled with PENETROX™ oxide inhibitor and assembled with color-coded end caps. Designed for a trouble-free permanent electrical termination.



Catalog Number	Code Conductor	Stud Size	Dimensions						Wire Strip Length
			C	D	L	N	T	Z	
YA12A-TN	12 Str.	#10	0.41	0.50	1.19	0.20	0.07	0.30	5/8
YA10A-TN	10 Str.	#10	0.41	0.50	1.22	0.20	0.06	0.30	
YA8CA1	8 AWG	#10	0.53	0.60	1.50	0.20	0.09	0.40	5/8
YA8CA3		1/4	0.53	0.75	1.65	0.25	0.09	0.50	
YA6CA1	6 AWG	1/4	0.47	0.75	1.84	0.33	0.14	0.42	3/4
YA6CA3		3/8	0.65	1.19	2.28	0.44	0.09	0.75	
YA4CA1	4 AWG	1/4	0.47	0.75	2.13	0.33	0.18	0.42	7/8
YA4CA3		5/16	0.80	0.87	2.25	0.41	0.12	0.46	
YA4CA6	2 AWG	3/8	0.80	0.94	2.32	0.44	0.12	0.50	1-1/8
YA2CA5		1/4	0.50	0.75	2.25	0.33	0.22	0.42	
YA2CA1	2 AWG	5/16	0.88	0.88	2.50	0.41	0.16	0.47	1-1/8
YA2CA3		3/8	0.88	0.94	2.56	0.44	0.16	0.50	
YA1CA1	1 AWG	3/8	0.76	1.19	2.59	0.44	0.19	0.75	15/16
YA25A1		5/16	0.60	0.87	2.31	0.41	0.21	0.46	
YA25A3	1/0 AWG	3/8	0.82	1.18	2.67	0.63	0.21	0.55	1-1/16
YA25A9		1/2	1.03	1.34	2.83	0.63	0.17	0.71	
YA26A6	2/0 AWG	3/8	0.67	1.89	2.79	0.44	0.24	0.74	1-3/8
YA26A1		1/2	1.03	1.36	3.03	0.63	0.20	0.73	
YA27A1	3/0 AWG	3/8	0.73	1.18	2.88	0.44	0.26	0.74	1-1/2
YA27A3		1/2	1.04	1.37	3.27	0.63	0.26	0.74	
YA28A1	4/0 AWG	3/8	1.17	1.18	3.26	0.44	0.30	0.74	1-5/8
YA28A3		1/2	1.17	1.36	3.44	0.63	0.30	0.73	
YA29A9	250 kcmil	3/8	1.26	0.83	3.09	0.41	0.33	0.42	1-9/16
YA29A1		1/2	1.26	1.36	3.53	0.63	0.33	0.73	1-5/8
YA30A6	300 kcmil 4/0 AWG CCADLO (329/22)	3/8	1.38	1.37	3.90	0.63	0.36	0.74	1-3/4
YA30A1		1/2	1.38	1.37	3.90	0.63	0.36	0.74	
YA31A1	350 kcmil 250 kcmil CCADLO (399/22)	1/2	1.52	1.37	4.33	0.63	0.39	0.74	2 1/8
YA32A9	400 kcmil	3/8	1.62	0.83	3.95	0.41	0.43	0.42	2-5/16
YA32A6		1/2	1.62	1.88	4.92	0.88	0.43	1.00	2 1/2
YA32A1		5/8	1.62	1.88	4.92	0.88	0.43	1.00	2 1/2
YA34A1	500 kcmil 350 kcmil CCADLO (551/22)	5/8	1.80	1.91	5.56	0.88	0.46	1.03	2 5/8
YA36A1	600 kcmil 500 kcmil CCADLO (779/22) *900 Compact AL	5/8	1.97	1.88	5.82	0.88	0.52	1.00	2 7/8
YA39A1	Class B Compact Only 700 - 750 kcmil 900 kcmil 600 kcmil CCADLO (925/22)	1/2	2.05	1.34	5.26	0.63	0.43	0.71	2 7/8
YA39A3		5/8	2.05	1.88	5.80	0.88	0.43	1.00	
YA39A34		3/4	2.05	2.19	6.17	1.00	0.43	1.19	
YA44A1	800 kcmil 1000 kcmil 750 kcmil CCADLO (1194/22) 800 kcmil CCADLO (1258/22)	5/8	2.50	1.89	6.50	0.88	0.66	1.01	3

Type YA-A (Continued)

INSTALLATION TOOL AND DIE INFORMATION

Catalog Number	Installation Tooling ▲				
	Dieless (# of crimps)		35, 39, 750, 46 ⁺ Series		▲ Die Index
	Mechanical Tooling	Hydraulic HYPRESS™	Die Number (# of crimps)	Color Code	
YA12A-TN	MR8-27 (1)	—	—	①	—
YA10A-TN					
YA8CA1	MY29-3 (1)	Y/PAT81KFT (1)	U8CABT (1)	Blue	374
YA8CA3	MRC840AL (1)				
YA6CA1	MY29-3 (1)	Y/PAT644 (1)	U6CABT (1)	Gray	346
YA6CA3	MRC840AL (1)	Y/PAT81KFT (1)			
YA4CA1	MY29-3 (1) MRC840AL (2)	Y/PAT81KFT (1)	U4CABT (1)	Green	375
YA4CA3		Y/PAT644 (1)			
YA4CA6					
YA2CA5	MY29-3 (1) MRC840AL (2)	Y/PAT81KFT (2)	U2CABT (1)	Pink	348
YA2CA1		Y/PAT644 (1)			
YA2CA3					
YA1CA1	MY29-3 (1) MRC840AL (2)	Y/PAT81KFT (2) Y/PAT644 (1)	U1CART (1)	Gold	471
YA25A1	MY29-3 (1) MRC840AL (2)	Y/PAT81KFT (2)	U25ART (1)	Tan	296
YA25A3		Y/PAT644 (1)			
YA25A9					
YA26A6	MY29-3 (2)	Y/PAT81KFT (2)	U26ART (2)	Olive	297
YA26A1	MRC840AL (3)	Y/PAT644 (1)			
YA27A1	MY29-3 (2)	Y/PAT81KFT (2)	U27ART (2)	Ruby	467
YA27A3	MRC840AL (3)	Y/PAT644 (1)			
YA28A1	MY29-3 (2)	Y/PAT81KFT (2)	U28ART (2)	White	298
YA28A3	MRC840AL (3)	Y/PAT644 (1)			
YA29A9	—	Y/PAT81KFT (2) Y/PAT644 (1)	U29ART (2) P32D (1) P34PR-5	Red	324
YA29A1			U29ART (2)	Red	324
YA30A6	—	Y/PAT81KFT (2)	U30ART (2)	Blue	470
YA30A1		Y/PAT644 (1)			
YA31A1	—	Y/PAT644 (1) Y/PAT81KFT (3)	U31ART (2)	Brown	299
YA32A9	—	Y/PAT644 (1)	U32ART (4)	Green	472
YA32A6		Y/PAT81KFT (4)			
YA32A1					
YA34A1	—	Y/PAT644 (1) Y/PAT81KFT (4)	U34ART (4)	Pink	300
YA36A1	—	Y/PAT644 (1) Y/PAT81KFT (4)	U36ART (4)	Black	473
YA39A1	—	Y/PAT644 (1)	U39ART-2 (4)	Yellow	936
YA39A3		Y/PAT81KFT (4)			
YA39A34					
YA42A1	—	Y/PAT644 (2)	U42ART (4) ⁺	Gray	303
YA42A3					
YA44A1	—	—	P44ART** (4)	Brown	302

* 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.

‡ U/L 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.

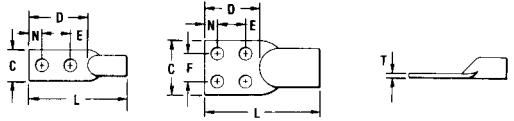
**TYPE YA-A
HYLUG™ Terminal**



Uninsulated Aluminum Terminal
2 and 4-hole Designs for AL and CU Conductor



Same features as the 1-hole YA-A HYLUG™ terminals but offering 2 and 4-hole designs for better anti-rotational properties, perfect for applications where vibration is a concern.



**644 Series Dieless HYPRESS™
RANGE-TAKING CAPABILITIES**

The following HYDENT™ lugs and two way splices, when crimped with the 644 Series Dieless HYPRESS™ tool, produce the following range-taking capabilities for Aluminum Conductor only:

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

Catalog Number	Code Conductor	Stud Size	# Holes	Dimensions							Wire Strip Length
				C	D	E & F	L	N	T	Z	
YA2CA9	2 str.	1/2	2	0.88	3.11	1.75	4.73	0.63	0.16	0.73	1-1/8
YA25A7	1/0 str.	1/2	2	1.03	3.10	1.75	4.59	0.63	0.17	0.72	1-1/16
YA25A5		3/8	2	0.82	2.24	1.06	3.73	0.63	0.21	0.55	
YA26A3	2/0 str.	1/2	2	1.03	3.11	1.75	4.78	0.63	0.20	0.73	1-3/8
YA26A5		3/8	2	0.92	1.89	1.00	3.56	0.44	0.24	0.45	
YA27A7	3/0 str.	3/8	2	1.04	1.89	1.00	3.79	0.44	0.26	0.45	1-1/2
YA27A5		1/2	2	1.04	3.06	1.75	5.02	0.63	0.26	0.74	
YA28A7	4/0 str.	3/8	2	1.17	1.89	1.00	3.97	0.44	0.30	0.45	1-5/8
YA28A5		1/2	2	1.17	3.11	1.75	5.19	0.63	0.30	0.73	
YA29A5	250 kcmil	3/8	2	1.26	1.89	1.00	4.06	0.44	0.33	0.45	1-5/8
YA29A3		1/2	2	1.26	3.11	1.75	5.28	0.63	0.33	0.73	
YA30A5	300 kcmil 4/0 AWG CCA DLO (329/22)	3/8	2	1.38	1.89	1.00	4.42	0.44	0.36	0.45	1-3/4
YA30A3	1/2	2	1.38	3.11	1.75	5.64	0.63	0.36	0.73		
YA31A5	350 kcmil 250 kcmil CCA DLO (399/22)	3/8	2	1.52	1.89	1.00	4.85	0.44	0.39	0.45	2-1/8
YA31A3	1/2	2	1.52	3.11	1.75	6.07	0.63	0.39	0.73		
YA32A5	400 kcmil	3/8	2	1.62	1.89	1.00	4.93	0.44	0.43	0.45	2
YA32A3		1/2	2	1.62	3.11	1.75	6.15	0.63	0.43	0.73	
YA34A5	500 kcmil 350 kcmil CCA DLO (551/22)	3/8	2	1.80	1.89	1.00	5.54	0.44	0.46	0.45	2-5/8
YA34A3 †		1/2	2	1.62	3.15	1.75	6.80	0.63	0.46	0.77	
YA34A8		1/2	2	1.80	3.15	1.75	6.77	0.63	0.46	0.77	
YA36A5	600 kcmil 500 kcmil CCA DLO (779/22) *900 Compact AL	3/8	2	1.97	1.89	1.00	5.64	0.69	0.52	0.45	2-7/8
YA36A3 †		1/2	2	1.62	3.15	1.75	7.09	0.63	0.52	0.77	
YA36A17	1/2	2	1.97	3.15	1.75	7.06	0.63	0.52	0.77		
YA39A7	700 - 750 kcmil +900 kcmil Class B Compact Only	3/8	2	2.05	1.89	1.00	5.81	0.44	0.43	0.45	2-7/8
YA39A5 †		1/2	2	1.62	3.15	1.75	7.07	0.63	0.43	0.77	
YA39A13		1/2	2	2.05	3.15	1.75	7.04	0.63	0.43	0.77	
YA39AM2	600 kcmil CCA DLO (925/22)	1/2	2	1.69	3.12	1.75	7.31	0.63	0.57	0.74	2-7/8

Type YA-A (Continued)

Catalog Number	Code Conductor	● Stud Size	● # Holes	Dimensions							Wire Strip Length
				C	D	E & F	L	N	T	Z	
YA42A7	900 kcmil AL	3/8	2	2.14	3.13	1.00	5.96	0.44	0.39	0.45	2-7/8
YA42A5	600 kcmil Cu	1/2	2	1.62	3.13	1.75	7.09	0.63	0.39	0.77	
YA44A3 †	1000 kcmil	1/2	2	1.65	3.15	1.75	7.76	0.63	0.55	0.77	3
YA44A8		1/2	2	2.50	3.15	1.75	7.76	0.63	0.66	0.77	
YA45A5	^^1250 kcmil 900 kcmil CCA DLO (1406/22) 1000 kcmil CCA DLO (1554/22)	1/2	2	2.59	3.12	1.75	7.73	0.63	0.51	0.74	3
YA46A3	^^1500 kcmil	1/2	2	3.08	3.15	1.75	8.73	0.63	0.81	0.77	2-3/4
YA46A5		1/2	4	3.08	3.15	1.75	8.73	0.63	0.81	0.77	
YA48A3	^^2000 kcmil	1/2	2	3.57	3.11	1.75	8.49	0.63	0.90	0.73	4-1/8

INSTALLATION TOOL AND DIE INFORMATION

Catalog Number	Installation Tooling ▲				
	Dieless (# of crimps)		35, 39, 750, and 46* Series		▲ Die Index
	Mech. Tooling	Hydraulic HYPRESS™	Die Number (# of crimps)	Color Code	
YA2CA9	MY29-3 (1)	Y / PAT644 (1) Y / PAT81KFT (1)	U2CABT (1)	Pink	348
YA25A7	MY29-3 (1)	Y / PAT644 (1)	U25ART (1)	Tan	296
YA25A5		Y / PAT81KFT (2)			
YA26A3	MY29-3 (2)	Y / PAT644 (1)	U26ART (2)	Olive	297
YA26A5		Y / PAT81KFT (2)			
YA27A7	MY29-3 (2)	Y / PAT644 (1)	U27ART (2)	Ruby	467
YA27A5		Y / PAT81KFT (2)			
YA28A7	MY29-3 (2)	Y / PAT644 (1)	U28ART (2)	White	298
YA28A5		Y / PAT81KFT (2)			
YA29A5	—	Y / PAT644 (1)	U29ART (2)	Red	324
YA29A3		Y / PAT81KFT (2)			
YA30A5	—	Y / PAT644 (1)	U30ART (2)	Blue	470
YA30A3		Y / PAT81KFT (2)			
YA31A5	—	Y / PAT644HS (1)	U31ART (2)	Brown	299
YA31A3		Y / PAT81KFT (3)			
YA32A5	—	Y / PAT644HS (1)	U32ART (4)	Green	472
YA32A3		Y / PAT81KFT (3)			
YA34A5	—	Y / PAT644 (1)	U34ART (4)	Pink	300
YA34A3 †		Y / PAT81KFT (4)			
YA34A8					
YA36A5	—	Y / PAT644HS (1)	U36ART (4)	Black	473
YA36A3 †		Y / PAT81KFT (4)			
YA36A17					
YA39A7	—	Y / PAT644 (1) Y / PAT81KFT (4)	U39ART-2 (4)	Yellow	936
YA39A5 †			P39ART** (4)	Red	301
YA39A13					
YA39AM2					
YA42A7	—	Y / PAT644 (2)	U42ART (4)^	Gray	303
YA42A5					
YA44A3 †	—	—	P44ART** (4)	Brown	302
YA44A8					
YA45A5					
YA46A3	—	—	L46ART (2)	Blue	478
YA46A5					
YA48A3	—	—	L48ART (2)	Red	479

- Contact BURNDY® for conductor, stud sizes and hole drillings not shown.
- ‡ Use Y60 BHU HYPRESS™ with L46ART and L48ART die sets.
- † May be mounted side-by-side on a 4-hole NEMA pad
- ** Use PUADP-1 adaptor with U dies in Y46 HYPRESS™.
- * P39ART and P44ART die sets for use with Y46 HYPRESS™ only. PUADP-1 adaptor not required.
- + Tested with Y644HSXT 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.
- ^ U die for 900 AL only
- ^^ 75° C Rated

Note: All dimensions shown are for reference only.

**TYPE YS-A
HYLINK™ Splice**

Uninsulated Aluminum
Compression Splice



High conductivity aluminum tin-plated compression butt splice for use on all combinations of aluminum and copper conductor. Designed to accommodate conductors from #12 stranded through 1000 kcmil in standard and heavy duty applications. Prefilled with PENETROX™ oxide inhibitor and assembled with color-coded end caps.

**644 Series Dieless HYPRESS™
RANGE-TAKING CAPABILITIES**

The following HYLINK™ splices, when crimped with the 644 Series Dieless HYPRESS™ tool, produce the following range-taking capabilities for Aluminum Conductor only:

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

Catalog Number	Code • Conductor	Dimensions		Wire Strip Length
		B	L	
YS12AG1	#12 Str.	0.45	1.03	5/8
YS10WAG1	#10 Sol.	0.50	1.12	
YS8CA1	8 Str.	0.59	1.44	5/8
YS6CA1	6 Str.	0.72	1.70	3/4
YS4CA1	4 Str.	0.86	1.97	7/8
YS2CA1	2 Str.	1.09	2.44	1-1/8
YS1CA1	1 Str.	0.90	2.05	15/16
YS25A1	1/0 Str.	1.06	2.37	1-1/16
YS26A1	2/0 str.	1.18	2.61	1-3/8
YS27A1	3/0 str.	1.31	2.88	1-1/2
YS28A1	4/0 str.	1.40	3.06	1-5/8
YS29A1	250kcmil	1.46	3.18	1-5/8
YS30A1	300 kcmil	1.47	3.20	1-3/4
YS31A1	350 kcmil	1.89	4.04	2-1/8
YS32A1	400kcmil	2.30	4.86	2-1/2
YS34A1	500 kcmil	2.38	5.02	2-5/8
YS36A1	600 kcmil	2.44	5.14	2-7/8
YS39A1	700 kcmil 750 kcmil +900 Compact Al	2.50	5.26	2-7/8
YS39AM1	700 kcmil 750 kcmil +900 Compact Al	2.63	5.58	2-7/8
YS42A1	600 - 900 kcmil	2.50	5.26	2-7/8
YS44A1	1000 kcmil	2.84	5.94	3
YS45A1^^	1250 kcmil	2.84	6.21	2.88
YS46A1^^	1500 kcmil	3.40	7.05	3.38
YS47A1^^	1750 kcmil	3.99	8.31	4
YS48A1^^	2000 kcmil	3.66	7.58	3.63
YS483A1^^	2250 kcmil ALUMINUM ONLY	3.66	7.58	3.63

Type YS-A (Continued)

INSTALLATION TOOL AND DIE INFORMATION

Catalog Number	Installation Tooling ▲				
	Dieless (# of crimps/end)		35■, 39, 750, and 46* Series		▲ Die Index & Emboss.
	Mechanical HYTOOL™	Hydraulic HYPRESS™	Die Number (# of crimps per end)	Color Code	
YS12AG1	Ratchet: MR8-27 (1)	—	—	—	—
YS10WAG1		—	—	—	—
YS8CA1	MY29-3 (1)	Y / PAT81KFT (1)	U8CABT (1)	Blue	374
YS6CA1	MRC840AL (1)	Y / PAT644 (1)	U6CABT (1)	Gray	346
YS4CA1	MY29-3 (1) MRC840AL (2)	Y / PAT81KFT (1)	U4CABT (1)	Green	375
YS2CA1		Y / PAT644 (1)	U2CABT (1)	Pink	348
YS1CA1		Y / PAT81KFT (2)	U1CART (1)	Gold	471
YS25A1		U25ART (1)	Tan	296	
YS26A1		U26ART (2)	Olive	297	
YS27A1	MY29-3 (2) MRC840AL (3)	Y / PAT644 (1)	U27ART (2)	Ruby	467
YS28A1		Y / PAT81KFT (2)	U28ART (2)	White	298
YS29A1		U29ART (2)	Red	324	
YS30A1		U30ART (2)	Blue	470	
YS31A1		—	Y / PAT644 (1) Y / PAT81KFT (2)	U31ART (2)	Brown
YS32A1	—	Y / PAT644 (1) Y / PAT81KFT (4)	U32ART (2)	Green	472
YS34A1			U34ART (2)	Pink	300
YS36A1			U36ART (4)	Black	473
YS39A1			U39ART-2 (4)	Yellow	936
YS39AM1			P39ART** (4)	Red	301
YS42A1			Y / PAT644 (2)	U42ART (4)	Gray
YS44A1	—	—	P44ART** (4)	Brown	302
YS45A1^^			P48PR1/L44ART‡ (6)	Brown	302
YS46A1^^			L46ART‡ (2)	Blue	478
YS47A1^^			L47ART‡ (2)	White	587
YS48A1^^			L48ART‡ (2)	Red	479
YS483A1^^			L48ART‡ (2)	Red	479

- Contact BURNDY® for conductor, stud sizes and hole drillings not shown.
 - ‡ Use 60 Ton HYPRESS™ with L46ART and L48ART die sets.
 - † May be mounted side-by-side on a 4-hole NEMA pad
 - * 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 Y644HSXT 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.
 - ^ U die for 900 AL only
 - ^^ 75° C Rated
 - The maximum size for the Y35 is 400 kcmil.
- Note: All dimensions shown are for reference only.

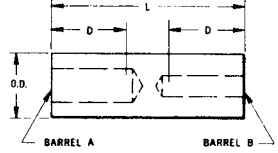
**TYPE YRB
HYREDUCER™ Splice**



Uninsulated Aluminum
Compression Reducing Splice



HYREDUCER™ compression reducing splices are 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™ oxide inhibitor.



Catalog Number	Conductor Range • Aluminum or Copper Size †		Dimensions			Wire Strip Length
	Barrel A	Barrel B	O.D.	D	L	
YRB2U4	1 str. 2 str.	4 str. 3 str.	0.65	0.88	2.00	15/16
YRB25U2	1/0 str.	1 str. 2 str.	0.65	0.88	2.00	15/16
YRB27U25	3/0 str.	1/0 str.	0.85	1.36	3.31	1-7/16
YRB27U26	3/0 str.	2/0 str.	0.85	1.36	3.31	1-7/16
YRB28U26	4/0 str.	2/0 str.	0.85	1.36	3.31	1-7/16
YRB29U28	250 kcmil	4/0 str.	1.11	1.73	4.21	1-13/16
YRB31U28	350 kcmil	4/0 str.	1.11	1.73	4.21	1-13/16
YRB31U29	350 kcmil	250 kcmil	1.11	1.73	4.21	1-13/16
YRB34U31	500 kcmil	350 kcmil	1.31	2.11	5.12	2-3/16
YRB36U31	600 kcmil	350 kcmil	1.46	2.25	5.57	2-5/16
YRB36U34	600 kcmil	500 kcmil	1.46	2.25	5.57	2-5/16
YRB39U34	700/750 kcmil • 900 Compact AL ▼	500 kcmil	1.46	2.25	5.57	2-5/16
YRB39U36	700/750 kcmil • 900 Compact AL ▼	600 kcmil	1.46	2.25	5.57	2-5/16

INSTALLATION TOOL AND DIE INFORMATION

Catalog Number	Installation Tooling ▲ Hydraulic Tools, Die Sets (No. of Crimps ‡)			
	35 ■, 39, 750, and 46* Series	‡	Die ▲ Index	Color Code
YRB2U4	U25ART	1	296	Tan
YRB25U2	U25ART	1	296	Tan
YRB27U25	U28ART	2	298	White
YRB27U26	U28ART	2	298	White
YRB28U26	U28ART	2	298	White
YRB29U28	U31ART	2	299	Brown
YRB31U28	U31ART	2	299	Brown
YRB31U29	U31ART	2	299	Brown
YRB34U31	U34ART	4	300	Pink
YRB36U31	U39ART-2	4	936	Yellow
YRB36U34	U39ART-2	4	936	Yellow
YRB39U34	U39ART-2	4	936	Yellow
YRB39U36	U39ART-2	4	936	Yellow

† 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 Y644HSXT and PAT644XT-18V dieless tools only and not UL Listed with any tool on 900 Compact AL.

Note: All dimensions shown are for reference only.

TYPE YC-L
Thin-Wall Copper C-Tap

Uninsulated Copper C-Tap



Type YC-L thin-wall copper C-tap made of high conductivity copper and is used in tap and parallel connections from #14 to 3/0 AWG. UL Listed and CSA Certified Wire Connector per UL 486A/B. Direct Burial rated per UL 467 Grounding and Bonding Connector.



Catalog Number	Copper Conductor AWG ‡		No. of Ribs	Dimensions				Color Code	Wire Strip Length
	Run	Tap		B	C	D	T		
YC8L12	10 8	10 12	0	0.25	0.21	0.60	0.07	Blue	5/8
YC6L12	8 6	10-8 12-10	0	0.33	0.25	0.60	0.07	Gray	5/8
YC4L12	6 5,4	8-6 12-8	1	0.39	0.28	1.18	0.07	Brown	1-3/16
YC3L12**	5,4 3	6-5 12-6	1	0.46	0.27	1.18	0.08	Green	1-3/16
YC2L12	4 3 2	4 5 12-6	1	0.50	0.36	1.18	0.08	Pink	1-3/16
YC1L12	3 2 1	4-3 5-4 12-5	2	0.55	0.34	1.75	0.08	Black	1-13/16
YC25L12	2 1/0	12-4	2	0.62	0.42	1.75	0.09	Orange	1-13/16
YC26L12	1 1/0 2/0	2-1 3-2 12-3	2	0.69	0.43	1.75	0.09	Purple	1-13/16
YC27L12	1/0 2/0 3/0	1-1/0 2-1 12-2	2	0.81	0.48	1.75	0.09	Yellow	1-13/16

INSTALLATION TOOL AND DIE INFORMATION

Catalog Number	Installation Tooling					
	Mechanical			Hydraulic		
	Y122CMR Y1MRTC	MD6, OUR840 & MD7-34R Die No. (# crimps)	Die ▲ Index Embossment	PATMD6, PAT600, Y500CT (# crimps)	35, 39, 750, and 46* Series (# of crimps)	Die ▲ Index Embossment
YC8L12	Blue (1)	W5CVT (1)	7	—	—	—
YC6L12	Gray (2)	W4CVT (1)	8	—	—	—
YC4L12	Brown (2)	W2CVT (2)	10	WC4 (1)	UC4 (1)	10M
YC3L12**	—	W1CVT (2)	11	—	—	—
YC2L12	—	W25VT (2)	12	WC2 (1)	UC2 (1)	12M
YC1L12	—	W26VT (3)	13	WC1 (2)	UC1 (1)	13M
YC25L12	—	W27VT (3)	14	WC25 (2)	UC25 (1)	14M
YC26L12	—	W28VT (3)	15	—	UC26 (1)	15
YC27L12	—	W29VT (3)	16	—	—	—

▲ See tooling section of this catalog for complete tool and die listings.
 ‡ Refer to website for sales drawing with complete listing with solid/stranded copper conductor
 * Use PUADP-1 adapter with U dies in Y46 HYPRESS™
 For Tin plating add TN suffix (example = YC10L12TN)
 ** YC3L12 is NOT UL Listed or CSA Certified for Grounding and Bonding.
Note: All dimensions shown are for reference only.

TYPE YH
H-Tap Copper CRIMPIT™

Copper Compression
H-Tap Connector



Range taking H-tap connector that allows for less inventory as one can accommodate a multitude of wire combinations. Tap grooves act independently although the use of one run and one tap is required when using this connector. Designs with more than one tap wire groove require installers to utilize only one run and one tap - other grooves may be left empty. "Third hand" is a string provided to wrap the wire while being inserted into the run or tap grooves; constrains the wire while installer applies the recommended number of crimps. Electro-tin plated unless otherwise specified. Available separately are black and clear covers.

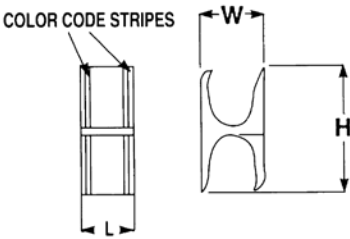


Fig. 1

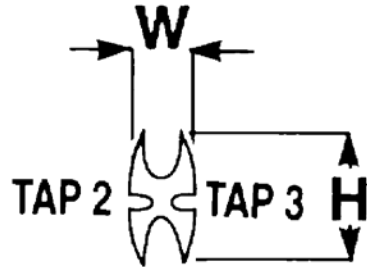


Fig. 4

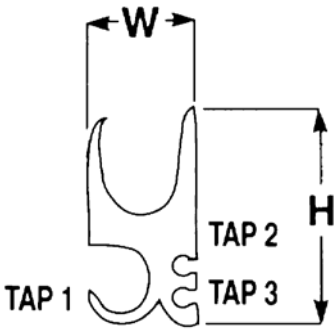


Fig. 2

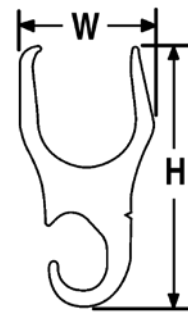


Fig. 5

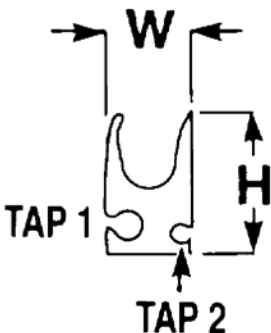


Fig. 3

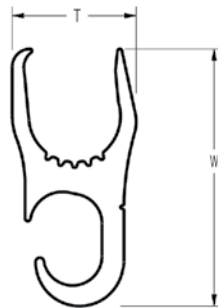


Fig. 6

Type YH (Continued)

TABLE 1 CODE CONDUCTOR AND METRIC EQUIVALENT

H-Tap Connector	Kit Catalog Number		Conductor Sizes Code/(Flex Cable)				
	Flame Retardant Cover		Fig. No.	Main	Tap 1	Tap 2	Tap 3
	Clear	Black ‡					
YH4444	YH4444WCC	YH4444WC	1	1000-750 (750-500) (750)	1000-750 (750-500) (750)	—	—
YH4434	YH4434WCC*	YH4434WC	6	1000-750 (750-500) (750)	1000-750 (750-500) (350)	—	—
YH4429	YH4429WCC	YH4429WC	5	1000-750 (777-500)	250-2 (4/0-2)	—	—
YH3939	YH3939WCC	YH3939WC	1	750-350 (550-500)	750-350 (550-313)	—	—
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)
YH3434	YH3434WCC	YH3434WC	1	500-250 (350-4/0)	500-4/0 (350-4/0)	—	—
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 (8-14)
YH2929	YH2929WCC	YH2929WC	1	250-2 (4/0-2)	250-2 (4/0-2)	—	—
YH292C	YH292CWCC	YH292CWC	3	250-2 (4/0-2)	2-6 Str/Sol (2-8)	8-14	—
YH298C	YH298CWCC	YH298CWC	3	250-2 (4/0-2)	8-14	8-14	—
YH2C2C	YH2C2CWCC	YH2C2CWC	4	2-6 Str/Sol (2-8)	2-6 Str/Sol (2-8)	8-14	8-14
YH6C6C	YH6C6CWCC	YH6C6CWC	1	6-10 (6-10)	6-14 (6-14)	—	—
YH8C8C	YH8C8CWCC	YH8C8CWC	4	8-14 (8-14)	8-14 (8-14)	—	—

H-Tap Connector	Kit Catalog Number		Fig. No.	Metric Conductor Sizes (mm ²)			
	Flame Retardant Cover			Main	Tap 1	Tap 2	Tap 3
	Clear	Black ‡					
YH4444	YH4444WCC	YH4444WC	1	500-400	500-400	—	—
YH4434	YH4434WCC*	YH4434WC	6	1000-750 (777-500) (777-750)	500-350 (350 FX)	—	—
YH4429	YH4429WCC	YH4429WC	5	500-400	150-35	—	—
YH3939	YH3939WCC	YH3939WC	1	300-300	300-185	—	—
YH3931	YH3931WCC	YH3931WC	2	300-185	95-70	35-16	35-2.5
YH3434	YH3434WCC	YH3434WC	1	240-150	240-120	—	—
YH3429	YH3429WCC	YH3429WC	2	240-120	120-70	35-16	6-2.5
YH2929	YH2929WCC	YH2929WC	1	120-35	120-35	—	—
YH292C	YH292CWCC	YH292CWC	3	120-35	35-16	6-2.5	—
YH298C	YH298CWCC	YH298CWC	3	120-35	6-2.5	6-2.5	—
YH2C2C	YH2C2CWCC	YH2C2CWC	4	35-16	35-16	6-2.5	6-2.5
YH6C6C	YH6C6CWCC	YH6C6CWC	1	10-6	10-2.5	—	—
YH8C8C	YH8C8CWCC	YH8C8CWC	4	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 Certified.

Note:

All H-Taps ROHS compliant.
 All dimensions shown are for reference only.
 See next page for Table 2 Flex and Metric Conductor Ranges and following for Table 3 Installation Tooling;
 Table 4 Dimensional Information

Type YH (Continued)

TABLE 2 FLEX AND METRIC CONDUCTOR RANGES

Catalog Number		Max. Conductor in Range	Maximum Metric Dim.	Diameter mm	Min. Conductor in Range	Min. Metric Dim.	Dia. mm
		Flex (AWG/kcmil)	mm ²		Flex (AWG/kcmil)	mm ²	
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	2	177	20
YH3931	Main	550	278	25	500	253	24
	Tap 1	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
	Tap 1	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
	Tap 1	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 Certified.
- Note: All H-Taps ROHS compliant. All dimensions shown are for reference only.



Type YH (Continued)

TABLE 3 INSTALLATION TOOLING

Catalog Number	Kit Catalog Number		▲ Tooling (# of Crimps)					▲ Die Index Emboss.
	Flame Retardant Cover		Fig.	Y35	Y750	Y46	Color Code	
	Clear	Black ‡						
YH4444	YH4444WCC	YH4444WC	1	—	—	P1102 (1)	White	1102
YH4434	YH4434WCC*	YH4434WC	6	—	—	P1102 (1)	Yellow	KR
YH4429	YH4429WCC	YH4429WC	5	—	—	PYFR (1)	Yellow	KR
YH3939	YH3939WCC	YH3939WC	1	—	—	PYFR (1)	Yellow	KR
YH3931	YH3931WCC	YH3931WC	2	—	—	PYFR (1)	Yellow	KR
YH3434	YH3434WCC	YH3434WC	1	—	U1104M (1) U1104 (2)	P1104 (1) U1104M (1)	Brown	1104
YH3429	YH3429WCC	YH3429WC	2	—	U1104M (1) U1104 (2)	P1104 (1) U1104M (1)	Brown	1104
YH2929	YH2929WCC	YH2929WC	1	—	U654 (1)	U654 (1) P654 (1)	Purple	654
YH292C	YH292CWCC	YH292CWC	3	—	U654 (1)	U654 (1) P654 (1)	Purple	654
YH298C	YH298CWCC	YH298CWC	3	—	U654 (1)	U654 (1) P654 (1)	Purple	654
YH2C2C	YH2C2CWCC	YH2C2CWC	4	U-C (1)	U-C (1)	U-C (1)	Brown	C
YH6C6C	YH6C6CWCC	YH6C6CWC	1	UBGRT (1)	UBGRT (1)	UBGRT (1)	Orange	BG
YH8C8C	YH8C8CWCC	YH8C8CWC	4	U11T-1 (1)	U11T-1 (1)	U11T-1 (1)	Green	11

• Use PUADP-1 adaptor with U dies in Y46.

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

* Not CSA Certified.

Note: All H-Taps ROHS compliant. All dimensions shown are for reference only.

DIMENSIONAL INFORMATION BELOW

TABLE 4 DIMENSIONS

Catalog Number	Kit Catalog Number		H	W	Length	Strip Length
	Flame Retardant Cover					
	Clear	Black ‡				
YH4444	YH4444WCC	YH4444WC	3.38	1.70	24	1-1/8
YH4434	YH4434WCC*	YH4434WC	3.38	1.70	1.00	1-3/8
YH4429	YH4429WCC	YH4429WC	3.22	1.70	1.00	1-3/8
YH3939	YH3939WCC	YH3939WC	2.97	1.50	1.25	1-3/8
YH3931	YH3931WCC	YH3931WC	2.97	1.50	0.95	1-1/16
YH3434	YH3434WCC	YH3434WC	2.43	1.15	1.00	1-1/8
YH3429	YH3429WCC	YH3429WC	2.23	1.31	1.00	1-1/8
YH2929	YH2929WCC	YH2929WC	1.85	.90	0.90	1-1/16
YH292C	YH292CWCC	YH292CWC	1.52	.90	0.90	1-1/16
YH298C	YH298CWCC	YH298CWC	1.52	.90	0.90	1-1/16
YH2C2C	YH2C2CWCC	YH2C2CWC	1.25	.60	0.75	7/8
YH6C6C	YH6C6CWCC	YH6C6CWC	0.81	.39	0.60	3/4
YH8C8C	YH8C8CWCC	YH8C8CWC	0.63	.40	0.60	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 Certified.

Note: All H-Taps ROHS compliant. All dimensions shown are for reference only.

TYPE CF-FR
H-Tap Flame Retardant Cover

Cover for Copper Compression
H-Tap Connector



Insulation cover with one-piece hinge design so no extra hardware required. After H-tap connection is completed the appropriate CF-FR cover can be used to slip over the connection and latch securely shut. Use of the insulation cover eliminates need for taping for a fast, reliable method of insulating. Type CF-FR cover material has a UL94 V-O Flame rating with a minimum 28 oxygen index indicating self-extinguishing retardant properties. Covers are clearly marked with lettering.

Catalog Number	Max. Conductor Accommodated	Matched H-Tap Copper CRIMPIT™	Max. Connector Length	Connector Color Code
CFBG-FR	#8 AWG	YH8C8C	0.65	Green
	#6 AWG	YH6C6C	0.65	Orange
CFO-FR	#2 AWG	YH2C2C	0.80	Brown
CFD-FR	250 kcmil	YH292C, YH298C, YH2929	0.95	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	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

Clear Cover for Copper Compression
H-Tap Connector



Type CCF-FR features a two-piece design with positive locking latch to ensure correct installation. Embedded magnifying lens in the cover provides increased visibility of the H-tap die embossment on the connector made by the correct installation tooling - this allows for easy visual inspection. UL94 V-O Flame rating indicating self-extinguishing retardant properties. Molded barrier prevents installed H-tap connectors from electrical flashover. Clear covers come with two (2) clear cover halves, two (2) cable ties, and four (4) identification tags. Covers are clearly marked with lettering.

Catalog Number	Max. Conductor Accommodated	Matched H Copper CRIMPIT™	Max. Connector Length	Connector Color Code
CCFBG-FR	#8 AWG	YH8C8C	0.65	Green
	#6 AWG	YH6C6C	0.65	Orange
CCFO-FR	#2 AWG	YH2C2C	0.80	Brown
CCFD-FR	250 kcmil	YH292C, YH298C	0.95	Purple
CCFDX-FR	250 kcmil	YH2929	0.95	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.

TYPE YCP-L Compression Cable Pulling Heads

Accommodates Copper and Aluminum Class B

Range-taking, only 6 compression pulling heads are required to pull #1 AWG through 1000 kcmil wire. Easy to install using the 644 Series of dieless installation tools (PAT644 or Y644). Parallel installation with each of the 6 compression pulling heads available in 5 unique lanyard lengths for staggering when pulling multiple wires; the last 2 digits of catalog number is lanyard length in inches. Knurl crimp bands clearly indicate the crimp zone locations on the pulling head barrels.



Catalog Number	Wire Size (Cu / AL)	Max Rated Pull Load per Cable (lbs) Cu / Al wire			Min. Wire Strip Length (in)		
		Cu (concentric, compress, compact)	Al (concentric, compress, compact)	644 Dieless Tool Platform (# Crimps)			
YCP25L13	#6 AWG #4 AWG #3 AWG #2 AWG #1 AWG 1/0 AWG	200	200	(1)	2.50"		
YCP25L20		300	300				
YCP25L27		400	400				
YCP25L34		500	400				
YCP25L41		1,200	400				
YCP28L13	2/0 AWG 3/0 AWG 4/0 AWG	1,200	400	(2)	3.00"		
YCP28L20						2,000	750
YCP28L27						2,000	1,000
YCP28L34							
YCP28L41							
YCP31L13	250 kcmil 300 kcmil 350 kcmil	2,000	1,200	(3)	3.25"		
YCP31L20						4,000	1,500
YCP31L27						4,000	1,800
YCP31L34							
YCP31L41							
YCP34L13	400 kcmil 450 kcmil 500 kcmil	4,000	2,000	(3)	3.25"		
YCP34L20						5,000	2,400
YCP34L27						5,000	2,700
YCP34L34							
YCP34L41							
YCP39L13	550 kcmil 600 kcmil 650 kcmil 700 kcmil 750 kcmil	5,000	3,600	(3)	3.25"		
YCP39L20						5,000	3,600
YCP39L27						5,000	3,600
YCP39L34						5,000	3,600
YCP39L41						5,000	3,600
YCP44L13	900 kcmil 1,000 kcmil	5,000	3,600	(3)	3.25"		
YCP44L20						5,000	5,000
YCP44L27							
YCP44L34							
YCP44L41							



PAT644 Shown

Type YCP-L (Continued)

Pulling Head Installation Table - 750 or 46 Series Tooling

Catalog Number	Wire Size (Cu / AL)	Max Rated Pull Load per Cable (lbs) Cu / Al wire				750 and 46* Series Tool Platform Die Set (# Crimps)	Min. Wire Strip Length (in)
		Cu (concentric, compress) wire ONLY	Cu (compact) wire ONLY	Al (concentric, compress, compact)			
YCP25L13	1/0 AWG	1,200	550	400	U25RT (1)	2.50"	
YCP25L20							
YCP25L27							
YCP25L34							
YCP25L41							
YCP28L13	4/0 AWG	2,000	1,000	1,000	U28RT (2)	3.00"	
YCP28L20							
YCP28L27							
YCP28L34							
YCP28L41							
YCP31L13	350 kcmil	4,000	1,400	1,800	U31RT (3)	3.25"	
YCP31L20							
YCP31L27							
YCP31L34							
YCP31L41							
YCP34L13	500 kcmil	5,000	2,200	2,700	U34RT (3)	3.25"	
YCP34L20							
YCP34L27							
YCP34L34							
YCP34L41							
YCP39L13	750 kcmil	5,000	2,200	3,600	U39RT (3)	3.25"	
YCP39L20							
YCP39L27							
YCP39L34							
YCP39L41							
YCP44L13	1,000 kcmil	5,000	2,200	5,000	U44XRT (3)	3.25"	
YCP44L20							
YCP44L27							
YCP44L34							
YCP44L41							

* PUADP1 adapter required when using U die sets in 46 Series tools.

TYPES CSB & CSJ

Cold Seal Splice Kits

These cold applied splice sealing products are made of specially formulated silicone rubber and offer excellent insulation and moisture proof sealing for in-line cable connector systems or elbow to cable jacket applications. The rubber sleeves are factory expanded and held over a removable, plastic rip core housing. Installs quickly and easily. Type CSJ also includes a mastic seal. Operating temperature range: -40°C to 105°C. Meets ANSI C119.1-1986.



In-Line Splice Sealing Kits Type CSB - Low Voltage conductor only

Catalog Number	Conductor Range	Application Range (min-max dia.)	Supplied Tube Length	Relaxed Tube Length
CSB037800SR1	#2 - 1/0	0.37" - 0.84"	6.50"	8.00"
CSB051900SR1	2/0 - 400	0.51" - 1.18"	7.50"	9.00"
CSB097900SR1	500 - 800	0.97" - 1.95"	7.50"	9.00"
CSB0971200SR1	500 - 800	0.97" - 1.95"	10.50"	12.00"
CSB125900SR1	900 - 1000	1.25" - 2.65"	7.50"	9.00"
CSB163900SR1	1250 - 2000	1.63" - 3.67"	7.50"	9.00"

Cable Jacket Sealing Kits Type CSJ (includes mastic seal) - for JCN Cable conductor

Catalog Number	Conductor Range			Application Range (min-max dia.)	Tube Length
	15kV	25kV	35kV		Supplied [Relaxed]
CSJB097600SR1	#2 - 4/0	#2 - 2/0	1/0	0.97" - 1.95"	4.50" [6.00"]
CSJB125800SR1	2/0 - 1000	1/0 - 750	1/0 - 500	1.25" - 2.65"	6.50" [8.00"]
CSJB163900SR1	750 - 1500	600 - 1250	350 - 1000	1.63" - 3.67"	7.50" [9.00"]

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. Offers insulation, color identification and strain relieving properties for terminations and splices. The 2:1 shrink ratio allows for faster shrink recovery. Covers wire sizes #16 AWG to 1000 kcmil. UL Recognized, 105°C, 600 Volts, operating temperatures from -20°C to 105°C with a shrink temperature of 135°C.

How to Order:

Example: **HSB18FR**

- 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	0.125	0.062	0.025	#16 - #14	#16 - #14	50
HS_18FR250	0.125	0.062	0.025	#16 - #14	#16 - #14	250
HS_14FR	0.250	0.125	0.025	#12 - #8	#12 - #10	50
HS_14FR250	0.250	0.125	0.025	#12 - #8	#12 - #10	250
HS_38FR	0.375	0.187	0.025	#6 - #4	#8 - #6	50
HS_38FR250	0.375	0.187	0.025	#6 - #4	#8 - #6	250
HS_12FR	0.500	0.250	0.025	#4 - #1	#6 - #4	50
HS_12FR250	0.500	0.250	0.025	#4 - #1	#6 - #4	250
HS_34FR	0.750	0.375	0.030	1/0 - 3/0	#2 - 1/0	50
HS_34FR250	0.750	0.375	0.030	1/0 - 3/0	#2 - 1/0	250
HS_100FR	1.000	0.500	0.035	4/0 - 300	1/0 - 4/0	25
HS_100FR100	1.000	0.500	0.035	4/0 - 300	1/0 - 4/0	100
HS_112FR	1.500	0.750	0.040	350 - 750	250 - 500	25
HS_112FR100	1.500	0.750	0.040	350 - 750	250 - 500	100
HS_200FR	2.000	1.000	0.045	800 - 1000	500 - 750	25
HS_200FR100	2.000	1.000	0.045	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.

TYPE HSC-FR VISI-SHRINK™

Clear Fire Retardant
Heat Shrink Tubing



Type HSC-FR is a flexible polyvinyl chloride thin wall heat shrink. Offers insulation, color identification and strain relieving properties for terminations and splices. The 2:1 shrink ratio of VISI-SHRINK™ tubing allows for faster shrink recovery. Clear tubing allows for die index embossment after installation is complete. UL Recognized, 105°C, 600 Volts, operating temperatures from -20°C to 105°C with a shrink temperature of 135°C.

Catalog Number	I.D. Expanded	I.D. After Recovery	Wall Thickness	Conductor Range		Standard Reel Size (Feet)
				Code	Flex	
HSC18FR	0.13	0.06	0.03	#16-#14	#16-#14	50
HSC18FR250	0.13	0.06	0.03	#16-#14	#16-#14	250
HSC14FR	0.25	0.13	0.03	#12-#8	#12-#10	50
HSC14FR250	0.25	0.13	0.03	#12-#8	#12-#10	250
HSC38FR	0.38	0.19	0.03	#6-#4	#8-#6	50
HSC38FR250	0.38	0.19	0.03	#6-#4	#8-#6	250
HSC12FR	0.50	0.25	0.03	#4-#1	#6-#4	50
HSC12FR250	0.50	0.25	0.03	#4-#1	#6-#4	250
HSC34FR	0.75	0.38	0.03	1/0-3/0	#2-1/0	50
HSC34FR250	0.75	0.38	0.03	1/0-3/0	#2-1/0	250
HSC100FR	1.00	0.50	0.04	4/0-300	1/0-4/0	25
HSC100FR100	1.00	0.50	0.04	4/0-300	1/0-4/0	100
HSC112FR	1.50	0.75	0.04	350-750	250-500	25
HSC112FR100	1.50	0.75	0.04	350-750	250-500	100
HSC200FR	2.00	1.00	0.05	800-1000	500-750	25
HSC200FR100	2.00	1.00	0.05	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.

TYPE HS-H-PF
Heavy Wall Heat Shrink

Cross-Linked Polyolefin
Cut Lengths and 4 Foot Sticks



Type HS-H-PF is a heavy wall, heat shrink tubing made of cross-linked polyolefin. The shrink ration is 3:1 and the inside diameter is coated with an adhesive sealant to protect against moisture and corrosion. UL486D Listed fir direct burial applications. Accommodates #14 AWG - 500 kcmil conductors. Operating temperatures from -55°C to 135°C with a shrink temperature of 120°C.

Catalog Number	Length	Nom. Dia. In.	Min. Exp. I.D. In.	Max. Recov. I.D. In.	Nom. Wall Thickness In.	Conductor Range	Number Pcs. Per Package
HSB35H3PF25	3"	0.35	0.35	0.15	0.07	#14-10	25
HSB35H6PF25	6"	0.35	0.35	0.15	0.07	#14-10	25
HSB35H48PF5	4'	0.35	0.35	0.15	0.07	#14-10	5
HSB34H6PF10	6"	0.75	0.75	0.22	0.09	#6-2	10
HSB34H9PF10	9"	0.75	0.75	0.22	0.09	#6-2	10
HSB34H48PF5	4'	0.75	0.75	0.22	0.09	#6-2	5
HSB110H6PF5	6"	1.10	1.10	0.40	0.12	#1-3/0	5
HSB110H9PF5	9"	1.10	1.10	0.40	0.12	#1-3/0	5
HSB110H48PF5	4'	1.10	1.10	0.40	0.12	#1-3/0	5
HSB150H9PF3	9"	1.50	1.50	0.50	0.16	2/0-350	3
HSB150H12PF3	12"	1.50	1.50	0.50	0.16	2/0-350	3
HSB150H48PF5	4'	1.50	1.50	0.50	0.16	2/0-350	5
HSB200H9PF2	9"	2.00	2.00	0.75	0.16	250-500	2
HSB200H12PF2	12"	2.00	2.00	0.75	0.16	250-500	2
HSB200H48PF2	4'	2.00	2.00	0.75	0.16	250-500	2

Available in black only.

TYPE HSIC-FR

Heavy Wall Heat Shrinkable End Cap



Type HSIC-FR heat shrink insulating end cap is a heavy wall fire retardant end cap made of cross-linked thermally stabilizer black polyolefin. Used to insulate exposed conductors ir energized applications. The 3:1 shrink ratio offers greater range accommodating copper wire sizes #8 AWG through 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.

Catalog Number	600V Cable		Internal Diameter		Wall Thickness		Length ±20%		# of Pcs. per Pkg
	Code	Flex	(Min) Exp.	(Max) Rec	Exp.	Rec. ±20%	Exp.	Rec.	
HSIC8-1FR	#8-#1	#8-#4	0.50	0.16	0.03	0.08	3.00	2.50	10
HSIC4-40FR	#4-4/0	#4-2/0	0.75	0.24	0.03	0.08	3.50	2.50	10
HSIC10-500FR	1/0-500 kcmil	#1-313.1 kcmil	1.10	0.35	0.04	0.12	4.00	3.00	5
HSIC30-1000FR	3/0-1000 kcmil	2/0-646 kcmil	1.50	0.47	0.05	0.16	4.50	3.25	5
HSIC200FR	300-1750 kcmil	250-1111 kcmil	2.00	0.63	0.05	0.16	4.50	3.50	5
HSIC350FR	1250 kcmil (min)	—	3.50	1.18	0.05	0.16	5.00	4.50	5

EXPANDED RANGES

The following connectors are range taking when crimped onto code conductor using 644 family of tools:

COPPER

Copper HYLUG™ & HYLINK™ Connectors Types YA, YA-L, YAB, YS, YS-L, YST, YS-T, YSP-T			
Catalog No.		Standard Wire Size	Expanded Wire Range
Terminal*	Splice**		
YA3C- YA2C- YA1C-	YS3C- YS2C- YS1C-	#3 AWG #2 AWG #1 AWG	#3 - #4 AWG #2 - #4 AWG #1 - #4 AWG
YA25- YA26- YA27- YA28-	YS25- YS26- YS27- YS28-	1/0 AWG 2/0 AWG 3/0 AWG 4/0 AWG	1/0 - #4 AWG 2/0 - #4 AWG 3/0 - #2 AWG 4/0 - #1 AWG
YA29- YA30- YA31- YA32- YA34-	YS29- YS30- YS31- YS32- YS34-	250 kcmil 300 kcmil 350 kcmil 400 kcmil 500 kcmil	250 kcmil - 1/0 AWG 300 kcmil - 2/0 AWG 350 kcmil - 3/0 AWG 400 kcmil - 4/0 AWG 500 kcmil - 4/0 AWG
YA36- YA39- YA40-	YS36- YS39- YS40-	600 kcmil 750 kcmil 800 kcmil	600 - 250 kcmil 750 - 500 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 (Copper or Aluminum Conductor)			
Catalog No.		Standard Wire Size	Expanded Wire Range
Terminal*	Splice**		
YA4CA- YA2CA- YA1CA-	YS4CA- YS2CA- YS1CA-	#4 AWG #2 AWG #1 AWG	#4 - #6 AWG #2 - #6 AWG #1 - #2 AWG
YA25A- YA26A- YA27A- YA28A-	YS25A- YS26A- YS27A- YS28A-	1/0 AWG 2/0 AWG 3/0 AWG 4/0 AWG	1/0 - #1 AWG 2/0 - #1 AWG 3/0 - #1 AWG 4/0 - #1 AWG
YA29A- YA30A- YA31A- YA32A- YA34A-	YS29A- YS30A- YS31A- YS32A- YS34A-	250 kcmil 300 kcmil 350 kcmil 400 kcmil 500 kcmil	250 kcmil - 1/0 AWG 300 kcmil - 2/0 AWG 350 kcmil - 3/0 AWG 400 kcmil - 4/0 AWG 500 kcmil - 4/0 AWG
YA36A- YA39A- YA40A-†	YS36A- YS39A- YS40A-†	600 kcmil 750 kcmil 800 kcmil	600 - 250 kcmil 750 - 500 kcmil 800 - 500 kcmil
YA44A-†	YS44A-†	1000 kcmil	1000 - 750 kcmil

* 1 Crimp

** 1 Crimp per side

† Not applicable for PAT644 Series or Y644HSXT.

For use only with the Y644MBH remote head.



EXPANDED RANGES

The following connectors are range taking when crimped onto code conductor using 644 family of tools (continued):

AYP/AYPO CONNECTORS

(Aluminum and Copper — Code & Compact)				
Wire Size	Expanded Range	Pin		# Crimps
		Straight	Offset	
#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	AYPO2/0	2
3/0 AWG	1/0 - 3/0 AWG	AYP3/0	AYPO3/0	2
4/0 AWG	2/0 - 4/0 AWG	AYP4/0	AYPO4/0	2
250 kcmil	3/0 - 250 kcmil	AYP250	AYPO250	2
300 kcmil	4/0 - 300 kcmil	AYP300	AYPO300	2
350 kcmil	250 - 350 kcmil	AYP350	AYPO350	2
400 kcmil	350 - 500 kcmil	AYP400	AYPO400	2
500 kcmil	350 - 500 kcmil	AYP500	AYPO500	2
600 kcmil	400 - 600 kcmil	AYP600	AYPO600	3
750 kcmil	500 - 750 kcmil	AYP750	AYPO750	3



EXPANDED RANGES

The following connectors are range taking when crimped onto code and flex conductor using 4-POINT® (81K or 4PC) family of tools:

COPPER CONNECTORS

Copper Conductor (Code & Compact)							
Conductor		Standard Barrel			Long Barrel		
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

**81KFT Series tools ONLY

Copper Conductor (Flex Only)								
Nom Flex Wire Size	Standard Barrel				Long Barrel			
	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	#4 - 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 AWG - 250 kcmil	YAV29L-	YSV29L-	1	1/0 AWG - 250 kcmil	YAV29-	YSV29-	2
300 kcmil	4/0 AWG - 313.1 kcmil	YA32L-	YS32L-	1	2/0 AWG - 313.1 kcmil	YA32-	YS32-	2
350 kcmil	262.2 - 373.7 kcmil	YA34L-	YS34L-	1	3/0 AWG - 373.7 kcmil	YA34-	YS34-	2
450 kcmil	373.7 - 444.4 kcmil	YA36L-	YS36L-**	1	262.2 - 444.4 kcmil	YA36-	YS36-**	2
450 kcmil	262.2 - 444.4 kcmil	YA36L-	YS36L-**	2				
500 kcmil	444.4 - 535.3 kcmil	YA38L-	YS38L-**	1	373.7 - 535.3 kcmil	YA38-	YS38-**	2
500 kcmil	373.7 - 535.3 kcmil	YA38L-	YS38L-**	2				
600 kcmil	373.7 - 600 kcmil	YA39L-	YS39L-**	2	262.2 - 600 kcmil	YA39-	YS39-**	3
650 kcmil	444.4 - 646 kcmil	YA40L-	YS40L-**	2	444.4 - 646 kcmil	YA40-	YS40-**	3
750 kcmil	535.3 - 777.7 kcmil	YA44L-	YS44L-**	2	535.3 - 777.7 kcmil	YA44-	YS44-**	3

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

**81KFT Series tools ONLY

EXPANDED RANGES

The following connectors are range taking when crimped onto code and conductor using 4-POINT® (81K or 4PC) family of tools (continued):

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

****81KFT Series tools ONLY**



PAT81KFTLI



PAT4PC834LI

**** 1.06" barrel diameter maximum for splices due to jaw opening on all platforms.**

AYP / AYPO Connectors				
Aluminum and Copper (Code & Compact)				
Wire Size	Exp. Wire Range	Straight Pin	Offset Pin	# of 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	AYPO2/0	2
3/0 AWG	1/0 - 3/0 AWG	AYP3/0	AYPO3/0	2
4/0 AWG	2/0 - 4/0 AWG	AYP4/0	AYPO4/0	2
250 kcmil	3/0 AWG - 250 kcmil	AYP250	AYPO250	2
300 kcmil	4/0 AWG - 300 kcmil	AYP300	AYPO300	2
350 kcmil	250 - 350 kcmil	AYP350	AYPO350	2
400 kcmil	350 - 400 kcmil	AYP400	AYPO400	2
500 kcmil	350 - 500 kcmil	AYP500	AYPO500	2
600 kcmil	400 - 600 kcmil	AYP600	AYPO600	3
750 kcmil	500 - 750 kcmil	AYP750	AYPO750	3

EXPANDED RANGES

The following connectors are range taking when crimped onto code and flex conductor using 4-POINT® (81K or 4PC) family of tools:

E-Line Copper Connectors				
Wire Size	Exp. Wire Range	Copper		
		Offset Cat. No.	Center formed Cat. No.	# of Crimps
1/0 AWG	#6 - 1/0 AWG	YA25L-T-E	YAC25L-T-E	1
2/0 AWG	#4 - 2/0 AWG	YA26L-T-E	YAC26L-T-E	1
300 kcmil	2/0 AWG - 300 kcmil	YA30L-T-E	YAC30L-T-E	2
500 kcmil	4/0 AWG - 500 kcmil	YA34L-T-E, YA342L-T-E		2
750 kcmil	500 - 750 kcmil	YA39L-T-E, YA392L-T-E		2

E-Line Aluminum Connectors				
Wire Size	Exp. Wire Range	Aluminum		
		Offset Cat. No.	Center formed Cat. No.	# of Crimps
#8 AWG	#8 AWG	YA8CA-T-E		1
#2 AWG	#6 - #2 AWG	YA2CA-T-E	YAC2CA-T-E	1
1/0 AWG	#1 - 1/0 AWG	YA25A-T-E		1
2/0 AWG	#1 - 2/0 AWG	YA26A-T-E		2
3/0 AWG	#1 - 3/0 AWG	YA27A-T-E	YAC27A-T-E	2
4/0 AWG	1/0 - 4/0 AWG	YA28A-T-E		2
300 kcmil	2/0 AWG - 300 kcmil	YA30A-T-E		2
350 kcmil	3/0 AWG - 350 kcmil	YA31A-T-E	YAC31A-T-E	2
400 kcmil	4/0 AWG - 400 kcmil	YA32A-T-E		4
500 kcmil	4/0 AWG - 500 kcmil	YA34A-T-E		4
750 kcmil	500-750 kcmil (500 kcmil max copper conductor)	YA39A-T-E		4

12-TON U DIES*

***Fits 35, 39, 750 Series,
46 Series (with PUADP-1 Adapter)

***Installation tools may have "Y" or "PAT" prefix depending on type of tool platform; See Tooling Section for more information.



Wire Size	Wire Material		
	Copper	Copper Wide Die**	Aluminum
#8 AWG	U8CRT	U8CRTW	U8CABT
#6 AWG	U5CRT	U5CRTW	U6CABT
#4 AWG	U4CRT	U4CRTW	U4CABT
#3 AWG	U3CRT	U3CRTW	N/A
#2 AWG	U2CRT	U2CRTW	U2CABT
#1 AWG	U1CRT1	U1CRT1W	U1CART
1/0 AWG	U25RT	U25RTW	U25ART
2/0 AWG	U26RT	U26RTW	U26ART
3/0 AWG	U27RT	U27RTW	U27ART
4/0 AWG	U28RT	U28RTW	U28ART
250 kcmil	U29RT	N/A	U29ART
300 kcmil	U30RT		U30ART
350 kcmil	U31RT		U31ART
400 kcmil	U32RT		U32ART
500 kcmil	U34RT		U34ART
535 Flex	U38XRT		N/A
600 kcmil	U36RT		U36ART
750 kcmil	U39RT		U39ART2
777 Flex	U44XRT		N/A

* Non-tension U-type 12 ton dies for YA, YS, YA-A, YS-A style connectors
 ** Wide dies are intended for use on long barrel terminals and splices (YA/YS) only.
 Die Sets sold separately; U Die Kits also available. Note: N/A = not applicable



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

12-TON U DIE KITS

For 35, 39, 750 Series,
46 Series (with PUADP-1 Adapter)

UDIEKITCU and **UDIEKITAL** include 15 sets of “U” dies and die case. These stainless steel color coded dies are for crimping YA, YS, YA-A, and YS-A types of connectors, ranging from #6 AWG through 750 kcmil.

UDIEKITCUW includes 9 sets of wide stainless steel color coded dies for crimping long barrel YA and YS types of connectors up to 4/0 AWG. The wide dies require only one crimp compared to 2 for the standard width dies.

NOTE: N/A = not applicable.



UDIEKITCU

Wire Size	UDIEKITCU includes	UDIEKITCUW includes	UDIEKITAL includes
#8 AWG	N/A	U8CRTW	N/A
#6 AWG	U5CRT	U5CRTW	U6CABT
#4 AWG	U4CRT	U4CRTW	U4CABT
#2 AWG	U2CRT	U2CRTW	U2CABT
#1 AWG	U1CRT1	U1CRT1W	U1CART
1/0 AWG	U25RT	U25RTW	U25ART
2/0 AWG	U26RT	U26RTW	U26ART
3/0 AWG	U27RT	U27RTW	U27ART
4/0 AWG	U28RT	U28RTW	U28ART
250 kcmil	U29RT	N/A	U29ART
300 kcmil	U30RT		U30ART
350 kcmil	U31RT		U31ART
400 kcmil	U32RT		U32ART
500 kcmil	U34RT		U34ART
600 kcmil	U36RT		U36ART
750 kcmil	U39RT		U39ART2
Die Case	PT29291	PT29291	PT29291

UDIEKITHYGRD includes 8 dies sets. Seven die sets are used to install the BURNDY® HYGROUND® irreversible compression grounding connectors; the U2CABT die set is for pre-crimping 1/2”, 5/8” and 3/4” ground rods for increased rotational resistance. The UDIEKITHYGRD also includes the PT29291 die case.

UDIEKITHYGRD includes
UC, UO, U997, PU998, U1011, U1104, U1105, U2CABT (Ground rod pre-crimp die), and PT29291 die case

W DIES

***Fits Tools MD6, MD7, Y500CTHS, 500SJ, 600, and PATMD Series

***Installation tools may have "Y" or "PAT" prefix depending on type of tool platform; See Tooling Section for more information.



Wire Size	Wire Material		
	Copper (-VT)	Copper (-RT)	Aluminum
#8 AWG	W8CVT	W8CRT	X8CART
#6 AWG	W5CVT	W5CRT	W161
#4 AWG	W4CVT	W4CRT	W162
#3 AWG	N/A	W3CRT	N/A
#2 AWG	W2CVT	W2CRT	W239
#1 AWG	W1CVT	W1CRT1	W163
1/0 AWG	W25VT	W25RT	W241
2/0 AWG	W26VT	W26RT	W245
3/0 AWG	W27VT	W27RT	W166
4/0 AWG	W28VT	W28RT	W660
250 kcmil	W29VT*	W29RT*	W249†
300 kcmil	W30VT*	W30RT*	N/A
350 kcmil	W31VT*	W31RT*	W31ART*
400 kcmil	W32VT*	W32RT*	N/A
450 kcmil	W33VT*	W33RT*	N/A
500 kcmil	W34VT*	W34RT*	N/A
600 kcmil	N/A	W36RT**	N/A

VT = "V" profile die for reduced handle force when using MD6/MD7 series tools; Twin die (includes both halves)

RT = Round die (circumferential); Twin die (includes both halves)

* These sizes (250 - 500) are not recommended for use with MD6 & MD7 Series tools due to high handle force.

** For 600 Series and Y500CTHS only.

† Use of W249 will not produce a UL Listed connection

Note: N/A = not applicable

Suitable for use on YA, YS, YA-A, YS-A type non-tension connectors.

Die Sets sold separately; W Die Kits also available



W die case Part# CASEWDIES, holds up to 12 W or X style die sets



WDIETREE available (sold separately); holds up to 6 "W" style die sets (dies not included)

W DIE KITS

***Fits Tools MD6, MD7, Y500CTHS, 500SJ, 600, and PATMD Series

***Installation tools may have "Y" or "PAT" prefix depending on type of tool platform; See Tooling Section for more information.



W die case Part# **CASEWDIES**, holds up to 12 W or X style die sets; included with die kits or sold separately (dies not included)

Wire Size	WDIEKITCU for Copper includes	WDIEKITAL for Aluminum includes
#8 AWG	W8CRT	X8CART
#6 AWG	W5CRT	W161
#4 AWG	W4CRT	W162
#2 AWG	W2CRT	W239
#1 AWG	W1CRT1	W163
1/0 AWG	W25RT	W241
2/0 AWG	W26RT	W245
3/0 AWG	W27RT	W166
4/0 AWG	W28RT	W660
250 kcmil	W29RT*	W249†
350 kcmil	W31RT*	W31ART*
500 kcmil	W34RT*	N/A
Die Case	CASEWDIES	CASEWDIES

* These sizes (250 - 500) are not recommended for use with MD6 & MD7 Series tools due to high handle force.

** For 600 Series and Y500CTHS only.

† Use of W249 will not produce a UL Listed connection



Installation Tooling System								
Conductor		Lugs & Splices One & Two Hole			T&B Index*	Taps Thin-Wall C-taps Run=Tap, AWG only		
AWG	Flex	Die	Color	Index	Code (Flex)	Die	Color	Index
#8 #6 sol	#8	W8CVT U8CRT	RED	49	21	W4CVT	GRAY	8
#6	#6	W5CVT U5CRT	BLUE	7	24	W2CVT	BROWN	10
#4	#4	W4CVT U4CRT	GRAY	8	29	W25VT	PINK	12
#3 #2 sol		W3CRT U3CRT	WHITE	9		W26VT	BLACK	13
#2	#2	W2CVT U2CRT	BROWN	10	33	W27VT	ORANGE	14
#1	#1	W1CVT U1CRT-1	GREEN	11		W28VT	PURPLE	15
1/0	1/0	W25VT U25RT	PINK	12	42 (45)	W29VT	YELLOW	16
2/0	2/0	W26VT U26RT	BLACK	13	45 (50)		REFER TO CATALOG	
3/0	3/0	W27VT U27RT	ORANGE	14		-	-	-
4/0	4/0	W28VT U28RT	PURPLE	15	54 (62)	-	-	-
250	4/0 / 250 class G & H	W29VT U29RT	YELLOW	16		-	-	-
300	262 / 250 class I, K & M	W30VT U30RT	WHITE	17		-	-	-
350	313	W31VT U31RT	RED	18	71	-	-	-
	350 / 373	W32VT U32RT	BLUE	19		-	-	-
500	444	W34VT U34RT	BROWN	20	87	-	-	-
	500 / 535	U38XRT	PINK	L99		-	-	-
600		U36RT	GREEN	22	(99)	-	-	-
700		U38RT	PINK	400		-	-	-
750	646	U39RT	BLACK	24	106	-	-	-
	750 / 777	U44XRT P44XRT1	YELLOW	L115				
800		P40RT	ORANGE	25	(115)	-	-	-
1000		P44RT	WHITE	27		-	-	-

Bolt Equivalent	
Unified Inch Hole Size	Metric Equivalent
1/4"	M6
5/16"	M8
3/8"	M10
1/2"	M12
1/2" - NEMA (.56)	M14
5/8"	M16
7/8"	M20

Installation Tooling System							
Conductor		Taps Heavy Duty C-Taps Run=Tap			Taps H-Taps Run=Tap		
AWG	Flex	Die	Color	Index	Die	Color	Index
#8 #6 sol	#8	U240	RED	240	U11T-1	GREEN	11
#6	#6	UC	BROWN	C	UBGRT	ORANGE	BG
#4	#4	UC	BROWN	C	UC	BROWN	C
#3 #2 sol		UC	BROWN	C	UC	BROWN	C
#2	#2	UC	BROWN	C	UC	BROWN	C
#1	#1	U997	ORANGE	997	U654	PURPLE	654
1/0	1/0	U997	ORANGE	997	U654	PURPLE	654
2/0	2/0	U997	ORANGE	997	U654	PURPLE	654
3/0	3/0	U997	ORANGE	997	U654	PURPLE	654
4/0	4/0	U997	ORANGE	997	U654	PURPLE	654
250	4/0 / 250 class G & H	U997	ORANGE	997	U654	PURPLE	654
300	262 / 250 class I, K & M	U1104	BROWN	1104	U1104	BROWN	1104
350	313	U1104	BROWN	1104	U1104	BROWN	1104
	350 / 373	U1104	BROWN	1104	U1104	BROWN	1104
500	444	U1104	BROWN	1104	U1104	BROWN	1104
	500 / 535	P1103	BLUE	1103	PYFR	YELLOW	KR
600		P1103	BLUE	1103	PYFR	YELLOW	KR
700		P1103	BLUE	1103	PYFR	YELLOW	KR
750	646	P1103	BLUE	1103	PYFR	YELLOW	KR
800		P1102	WHITE	1102	PYFR	YELLOW	KR
1000		P1102	WHITE	1102	PYFR	YELLOW	KR

YF2210FL

Dieless, Front Load, for Ferrules
 Full cycle ratchet tool for insulated/bare ferrules

- Front load crimping position
- Dieless crimping without multiple grooves
- Full cycle ratchet mechanism with release lever
- 5 year limited warranty

For Use On:

#22 - #10 AWG Insulated and Uninsulated (Bare) Ferrules

Types: YF, YF-UI Wire End Ferrules



Crimp Profile



Close up of YF2210FL front load ratchet tool

Specifications:

Size: 7.75" x 2.38 x 1.00"
Die Style: Dieless
Weight: .8 lbs
Output Force: 1,600 lbs
Warranty: 5 year limited warranty

YFTOOL Series

Ratchet Tools for Ferrules
 Tools covering from #32 AWG to 250 kcmil

- Release mechanism
- Low handle force
- Ergonomic handle design
- Trapezoidal crimp profile unless otherwise specified
- For use on insulated or uninsulated ferrules
- 2 year limited warranty



Catalog Number	For use on insulated or bare ferrules:
YF3206TOOL	#32 - #6 AWG (Square Crimp Profile)
YF2210TOOL	#22 - #10 AWG
YF1006TOOL	#10 - #6 AWG
YF0801TOOL	#8 - #1 AWG
YF0401TOOL	#4 - #1 AWG
YF1/03/0TOOL	1/0 - 3/0 kcmil
YF4/0250TOOL	4/0 - 250 kcmil

Y10D

For Nylon and Bare Terminals
 Hand-held plier-style tool for #22 to #10 AWG

- One tool for both nylon insulated and bare connectors
- Precision machined wire cutter for aluminum and copper
- Heavy duty forged steel with rust resistant finish

Specifications:

Size: 9.75" x 5.00" x 1.00"
Weight: 13.5 oz
Warranty: 5 year limited warranty



Y1022**For Nylon, Vinyl & Bare Terminals**
Hand-held plier-style tool for #22 - #10 AWG

- One step stripping #22 - #10 AWG
- Cuts common size mild steel, non-ferrous screws
- Crimps full range of nylon, vinyl, and bare terminals and splices

Specifications:

Size: 8.63" x 5.00" x 0.75"
Weight: 11.0 oz
Warranty: 5 year limited warranty

**Y8MRB1****Full Cycle Ratchet Tool for Bare Terminals**
Hand-held ratchet tool for #22 to #8 AWG

- Light weight
- Each indenter has unique identifying marks for inspectability
- Ratchet mechanism does not allow the handles to be opened until full ratchet cycle is completed
- Inspection gauges (sold separately) available to check each groove
- 5 year limited warranty

Specifications:

Size: 10.56" x 3.50" x 1.12"
Die Style: Permanent
Weight: 1.2 lbs
Warranty: 5 year limited warranty
Used on: Uninsulated (bare) terminals (#22-#8)
Types: T, YAD, T-F, YAD-F, YAV, YAV-L,
 YAV-T-F, YAV-Z
 Uninsulated (bare) splices (#22-#8)
 YSV, YSV-L

**Accessories:**

PG3951 Inspection gauge for #18 groove
PG3961 Inspection gauge for #14 groove
PG3971 Inspection gauge for #10 groove
PG3981 Inspection gauge for #8 groove

MRE1022 Series

Ratchet Tool for Nylon, Vinyl & Bare Terminals
Hand-held ratchet tool for #22 to #10 AWG

- Ratchet mechanism does not allow the handles to be opened until full ratchet cycle is completed
- Stop plate ensure proper location for consistent reliable connection
- Die inspection gauges available (sold separately)
- Easy groove identification with color coded dies
- Ratchet release lever in case of misalignment



Specifications:

Size: 10.50" x 3.00" x 1.00"
Die Style: Permanent
Weight: 1.3 lbs
Warranty: 5 year limited warranty

Catalog Number	For use on:
MRE1022B	Bare (Uninsulated) Terminals and Splices Types: T, YAD, T-F, YAD-F, YAV, YAV-H, YAV-R, YAV-T-F, YAV-H-F, YAV-Z, YSV, YSV-H
MRE1022NV	Nylon & Vinyl Terminals and Splices Types: TP, BA, TP-F, BA-EF, TP-Z, BA-EZ, TP-LF, BA-EL, SP, BS, TN, YAES, TN-F, YAES-F, YAE-N, YAE-N-F, YAE-Z, YSE-HN, YSE-H, YAEV, SNM*, YSES* *Excluding #10 for SNM and YSES Styles only

Accessories:

- PG4032R:** Die Inspection Gauge for #22 - #14 AWG for MRE1022B
PG4031R: Die Inspection Gauge for #12 - #10 AWG for MRE1022B
PG4061: Die Inspection Gauge for #22 - #18 AWG (Red) for MRE1022NV
PG4071: Die Inspection Gauge for #16 - #14 AWG (Blue) for MRE1022NV
PG4081: Die Inspection Gauge for #12 - #10 AWG (Yellow) for MRE1022NV

MR Series

Ratchet Tools for Nylon, Vinyl, & Bare Terminals
Hand-held plier-style tools for #22 - #10 AWG

- Mechanism does not allow handles to be opened until full cycle is complete
- Easy groove identification with color-coded dies
- Compact, narrow nose with comfort grip handles
- Ratchet release level in case of misalignment



Specifications:

Size: 8.88" x 6.00" x 2.50"
Weight: 1.1 lbs
Warranty: 5 year limited warranty

Catalog Number	For use on:
MR20	Bare (Uninsulated) Terminals and Splices
MR18	Nylon Terminals and Splices
MR15	Vinyl Terminals and Splices

Accessories:

- MR15DIESETD1:** MR15 interchangeable die set
MR18DIESETD1: MR18 interchangeable die set
MR20DIESETD1: MR20 interchangeable die set

Y1MRTC and Kits

Rotating Die, Full Cycle Ratchet Tool for Bare Terminals

Hand-held ratchet tool for #8 - #1 Copper HYDENT™ Terminals/Splices
#14 - #4 Thin-Wall C-Taps

- Die index embossment
- Rotating die wheel with color coding to match connectors
- Ratchet mechanism with release in case of misalignment
- 5 year limited warranty
- Y1MRKIT and Y1MRTCKIT also available



Specifications:

Size: 9.88" x 0.75" x 2.75"
Die Style: Rotating Die Wheel
Weight: 1.7 lbs
Warranty: 5 year limited warranty

Catalog Number	Description
Y1MRTC	Standard tool only
Y1MRKIT	Y1MRTC tool, sturdy metal carrying case and select terminals/splices
Y1MRTCKIT	Y1MRTC tool, sturdy metal carrying case, selected terminals and YC4L12 Thin-Wall C-Tap

Copper Terminals & Splices				
Copper Wire Size	Connector Catalog Types	Die Index # (Color)	# 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 and 11/Green use the same die wheel crimp groove.

Copper 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

Y122CMR

Ergonomic Full Cycle Ratchet Tool

Hand-held tool for #12 - #2 AWG Stranded, Solid, and Flex

- Easy groove identification with color-coded dies with die index embossment for all 6 wire ranges
- UL Listed/CSA Certified connection when used with recommended BURNDY terminals or splices
- Emergency release mechanism in case of misalignment or mistaken die choice
- Y122CMRKIT and Y122CMRCKIT also available (see separate page)



Specifications:

Size: 10.50" x 3.00" x 1.00"
Die Style: Rotating Die Wheel
Weight: 1.3 lbs
Warranty: 5 year limited warranty

Accommodates Copper Terminals and Splices				
Copper Wire Size	Connector Catalog Types	Die Index # (Color Code)	Number of Crimps	
			Standard Barrel	Long Barrel
#10 - #12 AWG Sol. & Str.	T10-, YAD10-, YAV10, YAZ10, YAZV10-	-- (Yellow)	1	N/A
#8 AWG Code & Flex	YA8C-, YAV8C-, YAZ8C-, YAZV8C-, YS8C-, YSV8C-	49 (Red)	1	2
#6 AWG Code	YA6C-, YAZ6C-, YS6C-	7 (Blue)	1	2
#6 AWG Code & Flex	YAV6C-, YAZV6C-, YSV6C-			
#4 AWG Code	YA4C-, YAZ4C-, YS4C-	8 (Gray)	2	4
#4 AWG Code & Flex	YAV4C-, YAZV4C-, YSV4C-			
#3 AWG Code & #2 AWG Sol	YA3C-, YS3C	9 (White)	2	4
#2 AWG Code	YA2C-, YAZ2C-, YS2C-	10 (Brown)	2	4
#2 AWG Code & Flex	YAV2C-, YAZV2C-, YSV2C-			

Copper 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

Accessories:

Gauge Catalog Number	AWG Size	Die Index	Color Code
PG4091	#10 - #12	--	Yellow
PG4092	#8	49	Red
PG4093	#6	7	Blue
PG4094	#4	8	Gray
PG4095	#3	9	White
PG4096	#2	10	Brown

Y122CMR Kits

Y122CMR Tool with select connectors

For #12 - #2 AWG Stranded, Solid, and Flex

- Y122CMRKIT offers select LONG barrel connectors
- Y122CMRCIKIT offers select STANDARD barrel connectors

Specifications:

Size: 18.00" x 7.50" x 2.00"

Weight: 13.7 lbs



Y122CMRKIT Contents: (all connectors are LONG Barrel)

Catalog Number	Description	Qty
Y122CMR	HYTOOL™ Full Cycle Ratchet Tool	1
Y1MRKITCASE	Metal Case for Tool and Connectors	1
YAV102TC14	#10 Sol & Str, 1/4" Stud, 2 Holes	15
YAZV10TC14	#10 Sol & Str, 1/4" Stud, 1 Hole	15
YAZV102TC14	#10 AWG, 1/4" Stud, 2 Holes	15
YAZ8CTC14	#8 AWG, 1/4" Stud, 1 Hole	15
YAZ8C2TC38	#8 AWG, 3/8" Stud, 2 Holes	15
YAZ6CTC14	#6 AWG, 1/4" Stud, 1 Hole	15
YAZ6C2TC38SL	#6 AWG, 3/8" Stud, 2 Slotted Holes	15
YAZ6C2TC14	#6 AWG, 1/4" Stud, 2 Holes	15
YAZV6C2TC14FX	#6 Code & Flex, 1/4" Stud, 2 Holes	15
YAZ6C2TC38	#6 AWG, 3/8" Stud, 2 Holes	15
YAZ4C2TC38	#4 AWG, 3/8" Stud, 2 Holes	15
YAZ3C2TC14	#3 AWG, 1/4" Stud, 2 Holes	15
YAZ3C2TC38SL	#3 AWG, 3/8" Stud, 2 Slotted Holes	15
YAZ2C2TC38	#2 AWG, 3/8" Stud, 2 Holes	15
YAZ2C2TC38SL	#2 AWG, 3/8 Stud, 2 Slotted Holes	15
YAZV2C2TC14FX	#2 Code & Flex, 1/4" Stud, 2 Holes	15
Y122CMRSOMI	Safety Operating & Maintenance Instructions	1

Y122CMRCIKIT Contents: (all connectors are STANDARD Barrel)

Catalog Number	Description	Qty
Y122CMR	HYTOOL™ Full Cycle Ratchet Tool	1
Y1MRKITCASE	Metal Case for Tool and Connectors	1
YAV10T3	#10 Sol & Str, 1/4" Stud, 1 Hole	15
YA8CL	#8 AWG, #10 Stud, 1 Hole	15
YA8CL1	#8 AWG, 1/4" Stud, 1 Hole	15
YA6CL	#6 AWG, 1/4" Stud, 1 Hole	15
YAV6CLTC14FX	#6 AWG & Flex, 1/4" Stud, 1 Hole	15
YA4CL	#4 AWG, 1/4" Stud, 1 Hole	15
YAV4CLTC516FX	#4 AWG & Flex, 5/16" Stud, 1 Hole	15
YA2CL	#2 AWG, 5/16" Stud, 1 Hole	15
YAV2CLTC516FX	#2 AWG & Flex, 5/16" Stud, 1 Hole	15
YSV10	#10 Sol & Str Splice	15
YS8CL	#8 AWG Splice	15
YS6CL	#6 AWG Splice	15
YS4CL	#4 AWG Splice	15
YS2CL	#2 AWG Splice	15
Y122CMRSOMI	Safety Operating & Maintenance Instructions	1

OUR840

840 POPPER™ HYTOOL™
 Hand-held full-cycle ratchet tool;
 #8 AWG - 250 kcmil Copper
 #8 - 4/0 AWG Aluminum



- Allows proper crimping of sleeves/terminations in underground applications
- Uses X dies for reduced handle force and W dies for fewer number of crimps
- UL Listed connections when used with BURNDY Listed connectors and color-coded X dies

Specifications:

Size: 13.00" x 3.75" x 1.50"
Die Style: W and X style dies
Weight: 2 lbs 14 oz.
Warranty: 5 year limited warranty

Copper Terminals & Splices					
Copper Wire Size	Connector Catalog Types	Die	Die Index # (Color)	# Crimps per Barrel Length	
				Std	Long
#8 AWG Str.	YA/YS 8C-	X8CRT	49 (Red)	1	2
#6 AWG Str. #5 AWG Str.	YA/YS 6C-, YA/YS 5C-	X5CRT	7 (Blue)	1	2
#4 AWG Str.	YA/YS 4C-	X4CRT	8 (Gray)	1	2
#2 AWG Str.	YA/YS 2C-	X2CRT	10 (Brown)	1	2
#1 AWG Str.	YA/YS 1C-	X1CRT	11 (Green)	1	2
1/0 AWG Str.	YA/YS 25-	X25RT	12 (Pink)	2	4
2/0 AWG Str.	YA/YS 26-	X26RT	13 (Black)	2	4
3/0 AWG Str.	YA/YS 27-	X27RT	14 (Orange)	3	6
4/0 AWG Str.	YA/YS 28-	X28RT	15 (Purple)	3	6
250 kcmil	YA/YS 29-	X29RT	16 (Yellow)	4	8

Aluminum Terminals & Splices				
Aluminum Wire Size	Connector Catalog Types	Die	Die Index # (Color)	# Crimps
#8 AWG Str.	YA/YS 8CA	X8CART	374 (Blue)	2
#6 AWG Str.	YA/YS 6CA-	X6CART	346 (Gray)	2
#4 AWG Str.	YA/YS 4CA-	X4CART	375 (Green)	3
#2 AWG Str.	YA/YS 2CA-	X2CART	348 (Pink)	4
#1 AWG Str.	YA/YS 1CA-	X1CART	471 (Gold)	3
1/0 AWG Str.	YA/YS 25A-	X25ART	296 (Tan)	4
2/0 AWG Str.	YA/YS 26A-	X26ART	297 (Olive)	4
3/0 AWG Str.	YA/YS 27A-	X27ART	467 (Ruby)	4
4/0 AWG Str.	YA/YS 28A-	X28ART	298 (White)	6

Accessories:

- XOH25:** Nest/Indenter die set for OUR840
W28K: Cutter die for #4 - 4/0 ACSR, Copper, Aluminum
PT4583: Leather Holster made from top grain cowhide saddle leather with large grommet
OUR840WC: Metal carrying case with die tray - holds OUR840 tool and up to eleven (11) X dies (sold separately)

MY28 / MY29 Series

Dieless Mechanical Compression Tools

#8 Stranded - 250 kcmil Copper
 #8 Stranded - 4/0 Stranded Aluminum

- Easy to adjust nest die with knurled steel knob and machine threads
- Rugged tool design with heavy duty forged steel; reinforced back and handles
- Bench mount adapter (sold separately) available

Specifications:

Size: 22.65" x 4.88" x 1.12"
Die Style: Dieless
Weight: 8.0 lbs
Warranty: 5 year limited warranty

Catalog Number	Description
MY293	#8 Str. - 250 kcmil Copper code; 30 - 250 Navy Copper; #8 Str. 4/0 Str. Aluminum Code
MY293C	same as MY293 with covered handles
MY293CF	same as MY293 fully covered
MY2911	#8 Str. - 250 kcmil Copper code; 30 - 250 Navy Copper; #8 Str. 4/0 Str. Flex Copper Mine
MY2911C	same as MY2911 with covered handles
MY29UNIVERSALKIT	MY2911 tool with select connectors
MY28	#8 Str. - 4/0 Str. Copper Aircraft
MY284	#8 Str. - 4/0 Str. Aluminum Aircraft
MY286	#8 Str. - 2/0 Str. Copper Aircraft Flexible



Accessories:

BMYPCHMT: Bench Mount Adapter



Close-up of dieless mechanism

MRC840 Series

Mechanical Rotating Crimp Tool
For #8 - 4/0 AWG Uninsulated Bare Terminals/Splices

- Heat treated steel jaws
- Spring loaded mechanism locks die wheel into position
- Multiple crimp selection with rotatable die wheels
- Die index embossment for inspectability

Specifications:

Size: 26.00" x 8.00" x 1.50"
Die Style: Rotating Die Wheel
Weight: 8.3 lbs
Warranty: 5 year limited warranty

Catalog Number	Description
MRC840	#8 - 4/0 AWG Copper Terminals/Splices
MRC840AL	#8 - 4/0 AWG Aluminum Terminals/Splices



MCC Series

Manual Cable Cutters
MCC600 cuts up to 600 kcmil Cu/Al
MCC1000 cuts up to 1000 kcmil Cu/Al

- Rugged, high quality steel cutting blades
- Fiberglass handles with soft grips
- Excellent cutting edge performance
- Minimum of cable distortion
- 1 year limited warranty (excluding blades)

Catalog Number	Description
MCC600	3.5 lbs; 21" overall length. Cuts copper and aluminum cable to 600 kcmil; max. insulation diameter: 1.31"
MCC1000	9.0 lbs; 32" overall length. Cuts copper and aluminum cable to 1000 kcmil; max. insulation diameter: 1.90"



Accessories:

MCC600BLADESET: Replacement blades for MCC600
MCC1000BLADESET: Replacement blades for MCC1000

RCC - Cu/Al

Ratchet Cutters for Cu/Al

RCC600E - Copper/Aluminum up to 600 kcmil
 RCC750HD - Copper/Aluminum up to 750 kcmil
 RCC1000 - Copper/Aluminum up to 1000 kcmil

- Rugged, high quality steel cutting blades
- Excellent cutting edge performance
- Minimum of cable distortion
- 1 year limited warranty (excluding blades)

Catalog Number	Description
RCC600E	10.50" overall length; copper / aluminum cable to 600 kcmil; max. insulation diameter: 1.05"; 1.3 lbs.
RCC750HD	10.50" overall length; copper / aluminum cable to 750 kcmil; max. insulation diameter: 1.62"; 2.4 lbs
RCC1000	20" overall length; copper / aluminum cable to 1000 kcmil; max. insulation diameter: 2.38"; 5.0 lbs.



RCC - Cu/Al, ACSR

Ratchet Cutters for Cu/Al, ACSR

RCC954ACSR1K - Copper/Aluminum to 1000 kcmil; ACSR to 954 kcmil
 RCC556 - Copper/Aluminum to 500 kcmil; ACSR to 556 kcmil
 RCC336 - Copper to 350 kcmil; Aluminum to 500 kcmil; ACSR to 336 kcmil

- Quick release, bi-directional ratchet mechanism
- Rapid blade advance
- Easy cutting with minimal cable distortion
- 1 year limited warranty (excluding blades)

Catalog Number	Description
RCC954ACSR1K	22.75" overall length; max. insulation diameter: 1.38"; 6.5 lbs.
RCC556	20.00" overall length; max. insulation diameter: 1.25"; 4.5 lbs.
RCC336	10.50" overall length; max. insulation diameter: .74"; 1.2 lbs.



Accessories:

- RPC705501: Fixed replacement blade for RCC556
- RPC705601: Moveable replacement blade for RCC556
- RPC902101: Fixed replacement blade for RCC336
- RPC902201: Moveable replacement blade for RCC336

RWRC Series

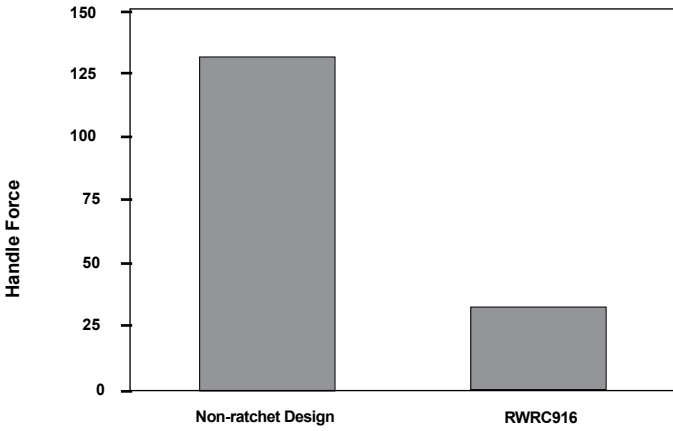
Ratchet Wire Rope Cutters
Cuts Mild and Stainless Steel

- Hardened steel blades
- Rapid blade advance
- Reduced handle force compared to scissor or compound action designs
- 2 year limited warranty (excluding blades)



Catalog Number	Description
RWRC916	20.00" overall length; 4.4 lbs 9/16" diameter mild steel; 1/2" diameter stainless steel
RWRC516	10.00" overall length; 1.2 lbs 5/16" diameter mild steel; 1/4" diameter stainless steel

1/4" Dia. Wire Rope



OEM840NCP

OEM Pneumatic Press
Installs #8 - 4/0 AWG

- Customizable clear safety guard for left, right, or front feed cable entry
- Guarded foot switch
- Adjustable connector locator
- Cycle counter
- Accommodates UM, U, and W dies
- 2 year limited warranty



Accessories:

- PT50024685:** U / UM Die Holder Assembly
PT50024683: W Die Holder Assembly
PT50024605: Front Safety Guard

See Connector and Die Selection Matrix below.
All dies, nest and indenters are sold separately.

Connector and Die Selection Matrix						
Wire Size	Type YAD-M*		Type YA and YA-L		Type YAV and YAV-L	
	UM Dies (DLO Copper)		U Dies (Code)	W Dies (Code)	U Dies (Code)	W Dies (Code)
	Indenter	Nest	Copper	Copper	Copper	Copper
#8 AWG	UMA	UM8CN	U8CRT	W8CRT	U8CRT	W8CRT
#6 AWG	UMB	UM6CN	U6CRT	W6CRT	U6CRT	W6CRT
#4 AWG	UMB	UM4CN	U4CRT	W4CRT	U4CRT	W4CRT
#2 AWG	UMB	UM2CN	U2CRT	W2CRT	U2CRT	W2CRT
1/0 AWG	UMC	UM25N	U25RT	W25RT	U25RT*	W25RT
2/0 AWG	UMC	UM26N	U26RT*	W26RT	U26RT*	W26RT*
3/0 AWG	UMC	UM27N	U27RT*	W27RT	U27RT*	W27RT*
4/0 AWG	UMC	UM28N	U28RT*	W28RT*	U28RT*	W28RT*

* Not UL Listed



UM Nest/Indenter



UM Crimped Terminal

FORCE TEST GAUGES

For use with Battery Actuated and Self-Contained Hydraulic Tools

- Not recommended for remote powered heads (see PT11018 in-line pressure gauge for 10,000 psi pumps)
- Easy to read dials
- Custom U die blanks with detent (12 & 15 ton tools)
- Custom ram puck and v-block gauge adapters (11 ton dieless tools)
- Comes complete with polymer carry case to protect blanks or adapters, and gauge; includes operating and maintenance manual
- 1 year limited warranty



FORCEGAUGE1215 with die blanks (included)

Variations:

FORCEGAUGE1215 for use with 12 & 15 ton tools

Use with:

Y750HSXT, PAT750 Series, and PAT46 Series (with PUADP1 adapter)

Weight/Dimensions:

2.7 lbs; 8.30" x 4.30" x 1.50"

PT292792 for use with 12 ton tools

Use with:

Y35 and Y39 tools

Weight/Dimensions:

2.7 lbs; 9.25" x 3.88" x 1.50"



PT292792 with die blanks (included)

FORCEGAUGE11 for use with 11 ton dieless tools

Use with:

Y644HSXT, PAT644 Series, and PAT444S Series

Weight/Dimensions:

2.7 lbs; 9.00" x 3.98" x 1.24"



FORCEGAUGE11 (adapters not shown, included)

46LWS Series

15 Ton, C-Head

Available in multiple platforms

- 2" jaw opening
- Used with P dies (U dies with PUADP1 adapter, sold separately)
- Positive push button die locks
- 5 year limited warranty

For Use On:

Copper - #8 AWG Str. - 1500 kcmil

Code Cable, Navy Cable, Flexible, Extra Flexible
1/2" - 1" Ground Rods

Terminals, grounding:

to 500 kcmil; YGA, YGHA, YGF

Terminals, uninsulated:

#8 - 1500 kcmil; YA, YA-2N, YA-L, YA-LB, YA-TC, YA-2LN, YAB-4N, YAV-L, YAV-RS, YA-TC-FX

Terminals, insulated:

#8 - 2/0; YAEV-L, YAEV-H, YAEV-RS, YAEV-RH

Splices:

#8 - 1500 kcmil; YS, YS-T, YS-L, YS-LB, YST, YSP-T, YGS, YGHS



Remote Operated

Taps:

#14 - 1000 kcmil; YH, YCHC to 4/0 AWG; YC-C

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

Catalog Number	Platform	Description
PAT46LWSLI	Li-Ion Battery Operated	Accepts 2.0Ah-6.0Ah Li-Ion batteries* (comes with 3.0Ah batteries)
PAT46LWSL5	Li-Ion Battery Operated	Accepts 2.0Ah-6.0Ah Li-Ion batteries* (comes with 5.0Ah batteries)
PAT46CLWSLI	Li-Ion Battery Operated	Rubber Covered Head Accepts 2.0Ah-6.0Ah Li-Ion batteries* (comes with 3.0Ah batteries)
PAT46CLWSL5	Li-Ion Battery Operated	Rubber Covered Head Accepts 2.0Ah-6.0Ah Li-Ion batteries* (comes with 5.0Ah batteries)
Y46LWSBH	Remote Operated	Standard Light Weight C-Head tool
Y46CLWSBH	Remote Operated	Y46LWSBH with permanently molded head of 3/16" rubber, includes separate molded rubber boot for lower body and hydraulic coupler
Y46LWSBHF	Remote Operated	Y46LWSBH tool (not covered) with female coupler
Y46CLWSBHF	Remote Operated	Y46CLWSBH covered tool head with female coupler

Accessories:

- PUADP1: U Die Adapter
- P15K: Cutter Die, max. diameter 1.2"
- BAT18VLI: 3.0Ah Li-Ion battery
- BAT18V5AHLI: 5.0Ah Li-Ion battery
- PATCHGRLI: 120V-AC Charger
- PATCHGRLLDC: 12/24V-DC Charger
- PT208620: Lanyard
- PT10054094: Canvas carry bag (included with remote operated tool)



Li-Ion Battery Operated*

46LW Series

15 Ton, Latch Head
Available in multiple platforms

- 355° head rotation
- Used with P dies (U dies with PUADP1 adapter, sold separately)
- Positive push button die locks
- 5 year limited warranty

For Use On:

Copper - #8 AWG Str. - 1500 kcmil
Code Cable, Navy Cable, Flexible, Extra Flexible
1/2" - 1" Ground Rods

Terminals, grounding:
to 500 kcmil; YGA, YGHA, YGF

Terminals, uninsulated:
#8 - 1500 kcmil; YA, YA-2N, YA-L, YA-LB, YA-TC,
YA-2LN, YAB-4N, YAV-L, YAV-RS, YA-TC-FX

Terminals, insulated:
#8 - 2/0; YAEV-L, YAEV-H, YAEV-RS, YAEV-RH

Splices:
#8 - 1500 kcmil; YS, YS-T, YS-L, YS-LB, YST,
YSP-T, YGS, YGHS

Taps:
#14 - 1000 kcmil; YH, YCHC
to 4/0 AWG; YC-C

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



Li-Ion Battery Operated*



Remote Operated

Catalog Number	Platform	Description
PAT46LWLI	Li-Ion Battery Operated	Accepts 2.0Ah-6.0Ah Li-Ion batteries* (comes with 3.0Ah batteries)
PAT46LWL5	Li-Ion Battery Operated	Accepts 2.0Ah-6.0Ah Li-Ion batteries* (comes with 5.0Ah batteries)
Y46LWBH	Remote Operated	Standard Light Weight Latch Head tool
Y46LWBHF	Remote Operated	Y46LWBH with female coupler

Accessories:

- PUADP1:** U Die Adapter
- P15K:** Cutter Die, max. diameter 1.2"
- BAT18VLI:** 3.0Ah Li-Ion battery
- BAT18V5AHLI:** 5.0Ah Li-Ion battery
- PATCHGRLLI:** 120V-AC Charger
- PATCHGRLLIDC:** 12/24V-DC Charger
- PT208620:** Lanyard
- PT10054094:** Canvas carry bag (included with remote operated tool)

750 Series

12 Ton, C-Head Tool

Available in multiple platforms

- 355° head rotation
- 1.65" jaw opening
- Uses standard BURNDY U dies (sold separately)
- 5 year limited warranty

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

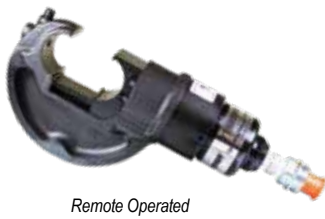
- Copper #6 - 500 kcmil

Terminals & Splices

- Copper #8 - 750 kcmil
- Aluminum #8 - 750 kcmil
- ACSR #4 - 556 kcmil

HYGROUND® (Compression Grounding)

- Copper #8 - 500 kcmil
- Ground Rods 1/2" - 1" diameter



Catalog Number	Platform	Description
Y750HSXT	Hydraulic Self-Contained Hand Operated	Standard C-Head
Y750CHSXT	Hydraulic Self-Contained Hand Operated	Y750HSXT with rubber covered head
PAT750LI	Li-Ion Battery Operated	Accepts 2.0Ah-6.0Ah Li-Ion batteries* (comes with 3.0Ah batteries)
PAT750CLI	Li-Ion Battery Operated	Rubber Covered Head Accepts 2.0Ah-6.0Ah Li-Ion batteries* (comes with 3.0Ah batteries)
PAT750L5	Li-Ion Battery Operated	Accepts 2.0Ah-6.0Ah Li-Ion batteries* (comes with 5.0Ah batteries)
PAT750CL5	Li-Ion Battery Operated	PAT750L5 with rubber covered head Accepts 2.0Ah-6.0Ah Li-Ion batteries* (comes with 5.0Ah batteries)
Y750BHXT	Remote Operated	Standard Remote C-Head
Y750CBHXT	Remote Operated	Y750BHXT with molded rubber covering on head, body, and hose fittings

Accessories:

- PT29291: Steel die case for U dies
- PT10024162: Plastic carrying case for Y750HSXT/Y750CHSXT
- BAT18VLI: 3.0Ah Li-Ion battery
- BAT18V5AHLI: 5.0Ah Li-Ion battery
- PATCHGRLI: 120V-AC Charger
- PATCHGRLLDC: 12/24V-DC Charger
- PT208620: Lanyard
- PT294021: Adjustable head grip for joining head to universal hot sticks
- PT10054094: Canvas carry bag (included with remote operated tool)

35 Series

HYPRESS™ 12 Ton, C-Head Tool
Available in multiple platforms

- 180° head rotation
- Uses U style dies (sold separately)
- 5 year limited warranty



Remote Operated

Hydraulic Self-Contained,
Hand Operated



Catalog Number	Platform	Description
Y35	Hydraulic Self-Contained Hand Operated	Standard C-Head tool (rubber covered body and handles only)
Y352	Hydraulic Self-Contained Hand Operated	Y35 tool with rubber covered head, body, and handles
Y35BH	Remote Operated	Standard Remote C-Head tool
Y35H	Remote Operated	Y35BH head, PT294021 universal hotstick adapter, steel carrying case
Y35B	Remote Operated	Y35BH head, PT91 steel reinforced hydraulic hose, FP10 foot pump, steel carrying case
Y35BH4	Remote Operated	Y35BH remote head with permanent molded rubber head, 3/16" rubber for tool impact protection

For Use On:

Copper #8 str. - 500 kcmil code cable

Grounding Terminals:

YGH, YGHA, YGF

Grounding Splices:

YGS, YGHS

Aluminum #8 str. - 750 kcmil code cable

Terminals:

YA-A, AYP, AYPO

Splices to 350 kcmil only:

YSA, YRB, YS-AT

Copper #8 str. - 500 kcmil and up to 3/4" ground rod

Grounding Taps:

YGHC-C, YGHP-C, YGHR-C

Copper #8 str. - 750 kcmil code cable,

N30 - N500 Navy cable, flexible, and extra flex

Terminals (Bare):

YA, YA-2N, YA-L, YA-LB, YA-2LN

Terminals (Insulated):

YAEV-L, YAEV-H, YAEV-RS, YAEV-RH

Splices to 400 kcmil only:

YS, YS-T, YS-L, YS-LB, YSV-L, YSM

Accessories:

- PT2972:** Steel Carry Case for Y35 (included with tool)
- PT29360:** Steel Carry Case for Y352 (included with tool)
- Y35/Y39REPKITA:** Seal Repair Kit
- PT292792** 12-ton Force Gauge
- PT29413:** Remote head carrying case (included with tool)

PAT444S Series

PATRIOT® 11-Ton C-Head Dieless Tool
Hydraulic Self-Contained, 18V Lithium-Ion

- New C-Head style for easy access and more flexibility
- Dieless system with range taking capability
- 355° head rotation
- Ergonomically balanced
- 3.0Ah and 5.0Ah versions available
- Included 2 batteries, charger and polymer carrying case
- EP Enhanced Power labeled tools accept 2.0, 3.0, 4.0, 5.0 and 6.0Ah Makita batteries
- 5 year limited warranty (lifetime on INFINITY DRIVE®; 3 years on batteries and chargers)



For Use On:

Copper: #4 - 1000 kcmil

ACSR, AAAC, AAC, ACAR #4 - 1000 kcmil

Terminals:

YA-L, YA-2LN, YA, YA-2N, YA-L-2TC,
YAB-4N, YA-L-TC, YA-2L, YA-4N

Splices:

YDS-RL

Splices:

YS-L, YS, YS-T



Aluminum #4 - 1000 kcmil

Terminals:

YA-A, YA-A-TN

Splices:

YS-A

HYPLUG™:

AYP, AYPO

Catalog Number	Platform	Description
PAT444SLI	Li-Ion Battery Operated	Accepts 2.0Ah-6.0Ah Li-Ion batteries (comes with 5.0Ah batteries)
PAT444SL5	Li-Ion Battery Operated	Accepts 2.0Ah-6.0Ah Li-Ion batteries (comes with 3.0Ah batteries)

Accessories:

- BAT18VLI:** 3.0Ah Li-Ion battery
- BAT18V5AHLI:** 5.0Ah Li-Ion battery
- PATCHGRLLI:** 120V-AC Charger
- PATCHGRLLDC:** 12/24V-DC Charger



Unique 444S Crimp Embossment

644 Series

11 Ton, Dieless Latch Head
Available in multiple platforms

- 355° head rotation
- Dieless system offering range taking capabilities
- Only "1" crimp necessary for most standard and long barrel terminals and splices
- Easy inspection; positive identification proved with BURNDY® 'Bug' (⊕) embossment after crimp completion



Li-Ion Battery Operated*

For Use On:

Copper: #4 - 1000 kcmil Code
#2 - 777 kcmil Flex

Terminals:

YA-L, YA-2-LN, YA, YA-FXB, YA-2N, YA-L-2TC, YA-L-FX, YAB-4N, YA-L-TC, YA-2L, YA-4N, YAV, YAZ, YBA, YAG

Splices:

YS-L, YS, YS-T

HYPLUG™:

YEV-P-FX, YE-P, YE-P-FX

Aluminum #6 str. - 900 kcmil
(Remote Platform **ONLY** to 1000 kcmil)

Terminals:

YA-A, YA-A-TN

Splices:

YS-A

HYPLUG™:

AYP, AYPO



Hydraulic Self-Contained, Hand Operated

Catalog Number	Platform	Description
Y644HSXT	Hydraulic Self-Contained Hand Operated	Standard Dieless Latch Head
PAT644LI	Li-Ion Battery Operated	Accepts 2.0Ah-6.0Ah Li-Ion batteries* (comes with 3.0Ah batteries)
PAT644L5	Li-Ion Battery Operated	Accepts 2.0Ah-6.0Ah Li-Ion batteries* (comes with 5.0Ah batteries)
Y644MBH	Remote Operated	Standard Remote Dieless Latch Head

Accessories:

- Y644HSCASE:** Plastic carrying case for Y644HSXT (included with tool)
BAT18VLI: 3.0Ah Li-Ion battery
BAT18V5AHLI: 5.0Ah Li-Ion battery
PATCHGRLI: 120V-AC Charger
PATCHGRLLDC: 12/24V-DC Charger
PT208620: Lanyard
PT20719001: Steel Carry Case (included with remote operated tool)



Remote Operated

81K Series

4-POINT® 6 Ton, Dieless Latch Head
Available in multiple platforms

- 360° head rotation
- Dieless installation system offering range taking capabilities
- Latch Head Design
- 5 year limited warranty

For Use On:

Copper #8 -1000 kcmil

Terminals: YA, YA-L
Splices: YS, YS-L, YS-T, Y-R

Copper Flex #8 - 777.7 kcmil Flex (750 Nominal)

Terminals: YA-FX, YAV, YA-L-FX
Splices: YS, YSV-FXB

Aluminum #8 - 750 kcmil

Terminals: YA-A, YA-A-TN
Splices: YS-A
HYPLUG™: AYP, AYPO

*Hydraulic
Self-Contained,
Hand Operated*



*Li-Ion Battery Operated**

Remote Operated



Catalog Number	Platform	Description
Y81KFT	Hydraulic Self-Contained Hand Operated	Standard Latch Head
PAT81KFTLI	Li-Ion Battery Operated	Accepts 2.0Ah-6.0Ah Li-Ion batteries* (comes with 3.0Ah batteries)
PAT81KFL5	Li-Ion Battery Operated	Accepts 2.0Ah-6.0Ah Li-Ion batteries* (comes with 5.0Ah batteries)
Y81KFTMBH	Remote Operated	Standard 4-POINT® Remote Latch Head

Accessories:

- PT10050733:** Plastic carrying case for Y81KFT (included with tool)
BAT18VLI: 3.0Ah Li-Ion battery
BAT18V5AHLI: 5.0Ah Li-Ion battery
PATCHGRLI: 120V-AC Charger
PATCHGRLIDC: 12/24V-DC Charger
PT208620: Lanyard
PT10054094: Canvas carry bag (included with remote operated tool)

4PC834 Series

4-POINT® , 6 Ton, Dieless C-Shaped Latch Head
Available in multiple platforms

- 360° head rotation
- Dieless system offering range taking capabilities
- C-Shaped head design
- 5 year limited warranty

For Use On:

Copper

Terminals: YA, YA-L (#8-1000 kcmil)
Splices: YS-L, YS, YS-T, Y-R (#8-500 kcmil)**

Copper Flex

Terminals: YA-FX, YAV, YA-L-FX (#8-777.7 Flex)
Splices: YS, YSV-FXB (#8-500 kcmil)

Aluminum

Terminals: YA-A, YA-A-TN (#8-750 kcmil)
Splices: YS-A (#8-350 kcmil)**
HYPLUG™: AYP, AYPO (#8-750 kcmil)



Hydraulic
Self-Contained,
Hand Operated



Li-Ion Battery Operated*



Remote Operated

** 1.06" barrel diameter
maximum due to jaw opening
on all platforms.

Catalog Number	Platform	Description
Y4PC834	Hydraulic Self-Contained Hand Operated	Standard 4-POINT® C-Shaped Latch Head
PAT4PC834LI	Li-Ion Battery Operated	Accepts 2.0Ah-6.0Ah Li-Ion batteries* (comes with 3.0Ah batteries)
PAT4PC834L5	Li-Ion Battery Operated	Accepts 2.0Ah-6.0Ah Li-Ion batteries* (comes with 5.0Ah batteries)
Y4PC834MBH	Remote Operated	Standard 4-POINT® Remote C-Head

Accessories:

- PT10050733: Plastic carrying case for Y4PC834 (included with tool)
- BAT18VLI: 3.0Ah Li-Ion battery
- BAT18V5AHLI: 5.0Ah Li-Ion battery
- PATCHGRLLI: 120V-AC Charger
- PATCHGRLLIDC: 12/24V-DC Charger
- PT208620: Lanyard
- PT10054094: Canvas carry bag (included with remote operated tool)

PAT600 Series

PATRIOT® 6 Ton Latch Head

Copper #8-600 kcmil, Copper Flex #8-350 kcmil;
Aluminum #8-350 kcmil

- Permanent, functional D3 groove (no die needed)
- Uses W, W-VT, X style dies
- 180° head rotation
- Enhanced clearance for tap connections
- 5 year limited warranty



For Use On:

Copper #8 - 600 kcmil

Terminals: YA, YA-L

Splices: YS-L, YS, YS-T, Y-R

Copper Flex #8 - 350 kcmil Flex

Terminals: YA-FX, YAV, YA-L-FX

Splices: YS, YSV-FXB

Aluminum #8 - 350 kcmil

Terminals: YA-A, YA-A-TN

Splices: YS-A



WDC4500 (sold separately)

Catalog Number	Description
PAT600LI	Accepts 2.0Ah-6.0Ah Li-Ion batteries (comes with 3.0Ah batteries)
PAT600L5	Accepts 2.0Ah-6.0Ah Li-Ion batteries (comes with 5.0Ah batteries)

Accessories:

BAT18VLI: 3.0Ah Li-Ion battery

BAT18V5AHLI: 5.0Ah Li-Ion battery

PATCHGRLI: 120V-AC Charger

PATCHGRLLDC: 12/24V-DC Charger

PT208620: Lanyard

WDIETREE: W die holder

WDC4500*: Range taking die for #4 - 500 Cu Str. and

#2 - 4/0 Cu Flex

WDA8300*: Range taking die for #8 - 300 Al, #6 - 400 Cu Str. and

#2 - 4/0 Cu Flex



WDA8300 (sold separately)

* When used with UL Listed/CSA Certified YA, YS, YA-A, and YS-A series terminals and splices, connections are UL/CSA.

Range taking dies also for use on the YAV and YSV series.

Y500CTHS

L'IL CRIMP™ 6 Ton Latch Head Tool
Hydraulic Self-Contained Hand Operated

- Permanent functional D3 groove (no die needed)
- Uses W, W-VT, and X style dies
- 180° head rotation
- Enhanced clearance for tap connectors
- #8 - 600 kcmil Copper Stranded
- #8 - 350 kcmil Copper Flex
- #8 - 350 kcmil Aluminum

Specifications:

Size: 17.63" x 6.00" x 2.68"
Die Style: W, W-VT, and X styles
Weight: 7.8 lbs
Warranty: 5 year limited warranty

Accessories:

- WDC4500:** Range taking die for #4 - 500 Cu Str. and #2 - 4/0 Cu Flex
WDA8300: Range taking die for #8 - 300 Al, #6 - 400 Cu Str. and #2 - 4/0 Cu Flex
PT212851: Metal Carrying Case (included with tool)



WDC4500 range taking die for #4 - 500 Cu Str. and #2 - 4/0 Cu Flex (sold separately)



WDA8300 range taking die for #8 - 300 Al, #6 - 400 Cu Str. and #2 - 4/0 Cu Flex (sold separately)

PAT500SJ Series

PATRIOT® 6 Ton, Scissor Action

Uses W and X style dies

- Interchangeable scissor action crimping and cutting jaws
- 180° head rotation
- Ergonomically balanced tool design
- 5 year limited warranty (excludes blades)



For Use On:

Copper, Aluminum, ACSR, Steel, Copperweld, Alumoweld, 6201, 5005, Compressed, and Compact Conductors

Taps:

Copper: #10 sol. to 2/0 str.

Aluminum & ACSR: #14 sol. to 4/0 ACSR

Stirrups:

#6 to 4/0 ACSR

Overhead Full Tension Deadends, Full Tension Splices and Terminals:

#10 str. to 4/0 ACSR

Installs Splices, Taps or Terminations:

#8 to 500 kcmil Copper Stranded (YA, YA-L, YS, YS-L)

#8 to 350 kcmil Copper Flex

#8 to 350 kcmil Aluminum (YA-A, YS-A)

Catalog Number	Description
PAT500SJ6LI	BG and D3 permanent die grooves Accepts 2.0Ah-6.0Ah Li-Ion batteries (comes with 3.0Ah batteries)
PAT500SJ68LI	O and D3 permanent die grooves Accepts 2.0Ah-6.0Ah Li-Ion batteries (comes with 3.0Ah batteries)
PAT500SJ66LI	D3 permanent die groove only (snub-nose) Accepts 2.0Ah-6.0Ah Li-Ion batteries (comes with 3.0Ah batteries)
PAT500SJ6L5	BG and D3 permanent die grooves Accepts 2.0Ah-6.0Ah Li-Ion batteries (comes with 5.0Ah batteries)
PAT500SJ68L5	O and D3 permanent die grooves Accepts 2.0Ah-6.0Ah Li-Ion batteries (comes with 5.0Ah batteries)
PAT500SJ66L5	D3 permanent die groove only (snub-nose) Accepts 2.0Ah-6.0Ah Li-Ion batteries (comes with 5.0Ah batteries)
PAT500SJ6LICUTKIT1	Kit includes crimp head with BG & D3 die grooves, cutter jaw, 120V charger and 2 3.0Ah batteries (<i>kit only offered with 3.0Ah batteries</i>)
PAT500SJ68LICUTKIT1	Kit includes crimp head with O & D3 die grooves, cutter jaw, 120V charger and 2 3.0Ah batteries (<i>kit only offered with 3.0Ah batteries</i>)

Accessories:

BAT18VLI: 3.0Ah Li-Ion battery

BAT18V5AHLI: 5.0Ah Li-Ion battery

PATCHGRLL: 120V-AC Charger

PATCHGRLLDC: 12/24V-DC Charger

PATMD6JC: Jaw covers for PATMD6 and PATMD68 versions

PATMD66JC: Jaw covers for PATMD66 snub-nose versions

Interchangeable Jaw Assemblies:

PATJAWSMD6 BG and D3 grooves

PATJAWSMD68 O and D3 grooves

PATJAWSMD66 D3 groove only (snub-nose)

PATJAWSCUT Cutter jaw set

PATMDLW Series

PATRIOT® IN-LINE® 6 Ton Scissor Action

Interchangeable scissor action crimping and cutting jaws

- New lightweight, compact and ergonomic design
- Safety trigger lock and locking jaw tabs
- LED Worklight
- Accepts 2.0Ah-6.0Ah Li-Ion batteries
- Uses W and X style dies
- 5 year limited warranty (excludes blades)



Crimp Capacity		
Connector Type	Conductor Type	Range
Terminals & Splices	Copper	#8 AWG - 500 kcmil
Terminals & Splices	Flex Copper	#8 AWG - 500 kcmil
Terminals & Splices	Aluminum (AAC)	#8 AWG - 500 kcmil
Full Tension	ACSR	#10 - 4/0 AWG
Taps	Copper	#10 - 2/0 AWG
Taps	AAC or ACSR	#14 - 4/0 AWG
Stirrups	ACSR	#6 - 4/0 AWG
Cutting Capacity		
Conductor Type	ACSR Maximum	CU/AL Maximum
Copper	350 kcmil	600 kcmil
Aluminum (AAC)	636 kcmil	636 kcmil
ACSR (26/7)	556.6 kcmil	N/A

Catalog Number	Description
PATMD6LW	BG & D3 grooves, 3.0Ah batteries, AC charger, tool bag
PATMD68LW	O & D3 grooves, 3.0Ah batteries, AC charger, tool bag
PATMD66LW	D3 groove only, 3.0Ah batteries, AC charger, tool bag
PATMD6LW5	BG & D3 grooves, 5.0Ah batteries, AC charger, tool bag
PATMD68LW5	O & D3 grooves, 5.0Ah batteries, AC charger, tool bag
PATMD66LW5	D3 groove only, 5.0Ah batteries, AC charger, tool bag
PATMDCUTLW	ACSR Cutting Jaw, 3.0Ah batteries, AC charger, tool bag
PATMDCUTLW5	ACSR Cutting Jaw, 5.0Ah batteries, AC charger, tool bag
PATMDCUTCLW	CU/AL Cutting Jaw, 3.0Ah batteries, AC charger, tool bag
PATMDCUTCLW5	CU/AL Cutting Jaw, 5.0Ah batteries, AC charger, tool bag
Interchangeable Jaw Assemblies ONLY (no tool body or other items)	
PATMD6LWJAW	Crimp jaw with BG and D3 grooves
PATMD68LWJAW	Crimp jaw with O and D3 grooves
PATMD66LWJAW	Crimp jaw with D3 groove only
PATMDCUTLWJAW	Cutting jaw with ACSR/AL/CU blades
PATMDCUTCLWJAW	Cutting jaw with CU/AL blades

*Kits containing crimping and cutting jaws, batteries, AC Charger and tool bag are also available. Please contact Customer Service for more information.

Accessories:

- BAT18VLI:** 3.0Ah Li-Ion battery
- BAT18V5AHLI:** 5.0Ah Li-Ion battery
- PATCHGRLI:** 120V-AC Charger
- PATCHGRLLDC:** 12/24V-DC Charger
- TOOLBAGMDLI:** Replacement Tool Bag (soft carrying case)
- W28K:** Cutter dies (cuts 4-4/0 CU/AL/ACSR)
- WDIETREE:** W-die holder for 6 die sets
- CASEWDIES:** W-die case holder for 12 die sets
- PATMDCUTACSRKIT:** ACSR Replacement blades (2 per kit)
- PATMDCUTCUALKIT:** CU/AL Replacement blades (2 per kit)

PATMD6 Series

PATRIOT® IN-LINE® 6 Ton Scissor Action

Interchangeable scissor action crimping and cutting jaws

- 350° head rotation
- Uses W and X style dies
- Ergonomically balanced tool design with trigger lock
- Kits available with both cutting and crimping jaws, hard or soft case
- 5 year limited warranty (excludes blades)

For Use On:

Copper, Aluminum, ACSR, Steel, Copperweld, Alumoweld, 6201, 5005, Compressed, and Compact Conductors

Taps:

Copper: #10 sol. to 2/0 str.

Aluminum & ACSR: #14 sol. to 4/0 ACSR

Stirrups:

#6 to 4/0 ACSR

Overhead Full Tension Deadends, Full Tension Splices and

Terminals:

#10 str. to 4/0 ACSR

Installs Splices, Taps or Terminations:

#8 to 500 kcmil Copper Stranded (YA, YA-L, YS, YS-L)

#8 to 350 kcmil Copper Flex

#8 to 350 kcmil Aluminum (YA-A, YS-A)



Catalog Number	Description
PATMD6LI	BG and D3 permanent die grooves Accepts 2.0Ah-6.0Ah Li-Ion batteries (comes with 3.0Ah batteries)
PATMD68LI	O and D3 permanent die grooves Accepts 2.0Ah-6.0Ah Li-Ion batteries (comes with 3.0Ah batteries)
PATMD66LI	D3 permanent die groove only (snub-nose) Accepts 2.0Ah-6.0Ah Li-Ion batteries (comes with 3.0Ah batteries)
PATMD6LIWCJ*	Kit includes crimp head with BG & D3 die grooves, cutter jaw, 120V charger, two (2) 3.0Ah batteries and soft carrying case
PATMD68LIWCJ*	Kit includes crimp head with O & D3 die grooves, cutter jaw, 120V charger and two (2) 3.0Ah batteries and soft carrying case
PATMD66LIWCJ*	Kit includes crimp head with D3 die groove (snub-nose), cutter jaw, 120V charger, two (2) 3.0Ah batteries and soft carrying case
PATMD6LICUTKIT1*	Kit includes crimp head with BG & D3 die grooves, cutter jaw, 120V charger, two (2) 3.0Ah batteries and hard carrying case
PATMD68LICUTKIT1*	Kit includes crimp head with O & D3 die grooves, cutter jaw, 120V charger, two (2) 3.0Ah batteries and hard carrying case
PATMD66LICUTKIT1*	Kit includes crimp head with D3 die groove (snub-nose), cutter jaw, 120V charger, two (2) 3.0Ah batteries and hard carrying case

* kits only offered with 3.0Ah batteries (tool does accept 2.0Ah-5.0Ah Li-Ion batteries)

Accessories:

BAT18VLI: 3.0Ah Li-Ion battery

PATCHGRLI: 120V-AC Charger

PATCHGRLLDC: 12/24V-DC Charger

TOOLBAGMDLI: Replacement Tool Bag (soft carrying case)

PATMD6JC: Jaw covers for PATMD6 and PATMD68 versions

PATMD66JC: Jaw covers for PATMD66 snub-nose versions

Interchangeable Jaw Assemblies:

PATJAWSMD6 BG and D3 grooves

PATJAWSMD68 O and D3 grooves

PATJAWSMD66 D3 groove only (snub-nose)

PATJAWSCUT Cutter jaw set

4" Cutter Series

11 Ton Scissor Action Cutter; up to 4" O.D. Cu/Al
 Available in multiple platforms

- Extra wide jaw opening
- Scissor action cutting jaws with 355° head rotation (battery)
- 360° swivel hose fitting (remote)
- High strength hardened steel cutting blades
- 5 year limited warranty (excludes blades)



Catalog Number	Platform	Description
PATCUT4CUALLI	Li-Ion Battery Operated	Accepts 2.0Ah-6.0Ah Li-Ion batteries* (comes with 3.0Ah batteries)
PATCUT4L5	Li-Ion Battery Operated	Accepts 2.0Ah-6.0Ah Li-Ion batteries* (comes with 5.0Ah batteries)
RHCC4CUAL	Remote Operated	Scissor Action Remote Cutting Head



Li-Ion Battery Operated*

Accessories:

- BAT18VLI: 3.0Ah Li-Ion battery
- BAT18V5AHLI: 5.0Ah Li-Ion battery
- PATCHGRILI: 120V-AC Charger
- PATCHGRILDC: 12/24V-DC Charger
- PT208620: Lanyard
- BAGCNVS5X9X24: Canvas Bag (included with remote tool)
- RHCC4CUALBLD: Cutting Blade (one blade; 2 required)
- RHCC4CUALGDEBLD: Blade Guide



BAGCNVS5X9X24 Canvas Bag available separately (included with remote tool)

2156 Cutter Series

Latch Head Cutter, ACSR up to 2156 kcmil
Available in multiple platforms

- 180° head rotation
- Durable hardened steel blades
- Specialized latch head for mid-span cuts
- 5 year limited warranty (excluding blades)

For Use On:

- Copper/Aluminum Cable:** up to 2"
- ACSR:** up to 2156 kcmil
- Ground Rod:** up to 3/4"
- Rebar:** up to 5/8"
- Soft Steel Bolts:** up to 3/4"
- Standard Guy:** up to 9/16"
- EHS Guy:** up to 9/16"



Catalog Number	Platform	Description
PATCUT2156LI	Li-Ion Battery Operated	Accepts 2.0Ah-6.0Ah Li-Ion batteries* (comes with 3.0Ah batteries)
PATCUT2156L5	Li-Ion Battery Operated	Accepts 2.0Ah-6.0Ah Li-Ion batteries* (comes with 5.0Ah batteries)
RHCC2156ACSR	Remote Operated	Latch Head Remote Cutting Head
RHCC2156ACSRF	Remote Operated	Latch Head Remote Cutting Head with female coupler

Accessories:

- BAT18VLI:** 3.0Ah Li-Ion battery
- BAT18V5AHLI:** 5.0Ah Li-Ion battery
- PATCHGRLI:** 120V-AC Charger
- PATCHGRLLDC:** 12/24V-DC Charger
- PT208620:** Lanyard
- CUT200BLMVBLL:** Replacement Moving Blade
- CUT200BLSTA:** Replacement Fixed (Stationary) Blade
- PT10054094:** Canvas Bag (included with remote head)



Li-Ion Battery Operated*



PT10054094 Canvas Bag available separately (included with tool)

1.29" Cutter Series

Latch Head Cutter; up to 1.29" O.D.
Available in multiple platforms

- 180° head rotation
- Latch head design for interference free mid-span cuts
- Precision cutting blades for clean cuts
- Handle trigger drain (hydraulic self-contained)
- 5 year limited warranty (excluding blades)



Catalog Number	Platform	Description
YCUT129ACSR	Hydraulic Self-Contained Hand Operated	Latch Head Cutter
PATCUT129LI	Li-Ion Battery Operated	Accepts 2.0Ah-6.0Ah Li-Ion batteries* (comes with 3.0Ah batteries)
PATCUT129L5	Li-Ion Battery Operated	Accepts 2.0Ah-6.0Ah Li-Ion batteries* (comes with 5.0Ah batteries)
RHCC129ACSR	Remote Operated	Remote Cutting Head

For Use On:

- Copper/Aluminum Cable:** up to 1.29"
- ACSR:** up to 1113 kcmil
- Ground Rod:** up to 5/8"
- Rebar:** up to 1/2"
- Soft Steel Bolts:** up to 5/8"
- Standard Guy:** up to 1/2"
- EHS Guy Strand:** up to 3/8"



*Li-Ion Battery Operated**



Accessories:

- BAT18VLI:** 3.0Ah Li-Ion battery
- BAT18V5AHLI:** 5.0Ah Li-Ion battery
- PATCHGRLI:** 120V-AC Charger
- PATCHGRLIDC:** 12/24V-DC Charger
- PT208620:** Lanyard
- PT10037388:** Replacement Moving Blade
- PT10037384:** Replacement Fixed Blade
- PT10024162:** Carrying Case (included with self-contained tool)
- PT10043890:** Canvas Bag (included with remote head)
- RHCCHSA:** Hot Stick Adapter



PT10043890 Canvas Bag available separately (included with tool)

2.45" Cutter Series

Latch Head Cutter, up to 2.45" Copper/Aluminum
Available in multiple platforms

- Cuts up to 2.45" diameter copper/aluminum cable
- Interference free closure for mid-span cuts
- Precision cutting blades for clean cuts
- Ergonomic design with overmolded handle (battery)
- 5 year limited warranty (excluding blades)



Catalog Number	Platform	Description
PATCUT245LI	Li-Ion Battery Operated	Accepts 2.0Ah-6.0Ah Li-Ion batteries* (comes with 3.0Ah batteries)
PATCUT245L5	Li-Ion Battery Operated	Accepts 2.0Ah-6.0Ah Li-Ion batteries* (comes with 5.0Ah batteries)
RHCC245CUAL	Remote Operated	Remote Cutting Head

For Copper and Aluminum cable only.
Do not cut steel, ground rod, rebar or guy wire.

Accessories:

- BAT18VLI: 3.0Ah Li-Ion battery
- BAT18V5AHLI: 5.0Ah Li-Ion battery
- PATCHGRLI: 120V-AC Charger
- PATCHGRLIDC: 12/24V-DC Charger
- PT208620: Lanyard
- PT10054094: Canvas Bag (included with remote tool)
- PT10038657: Replacement Moving Blade
- PT10040663: Replacement Fixed Blade
- RHCCHSA: Hot Stick Adapter



Li-Ion Battery Operated*



PT10054094 Canvas Bag available separately (included with tool)

BCC1000CUAL

Sealed Nickel Cadmium Battery Cutter

Cuts up to 750 kcmil hard drawn copper;
1000 kcmil soft drawn copper;
2" O.D. aluminum

- Hook head design
- Three-way switch
- Hardened steel blades
- Withstands rugged use and resists oils and solvents
- Includes 1 battery, 1 charger and case
- 90 day limited warranty (excluding blades)



For Use On:

Hard Drawn Copper:

750 kcmil

Soft Drawn Copper:

1000 kcmil

Aluminum:

up to 2" O.D.

Do Not Cut Steel or ACSR

Accessories:

- BCCBAT12V:** Sealed nickel cadmium battery
- BCCCCHGR:** 120 V-AC Charger
- BCCCASE:** Replacement Case for BCC1000CUAL tool
- RP50RP03:** Replaceable Moving Blade
- RP50RP02:** Replaceable Fixed Blade



HP10 and FP10

Manual Hydraulic Pump; 10,000 PSI
Hand Pump (HP10); Foot Pump (FP10)

- Solid base with broad leg stabilizers
- Quick disconnect hydraulic fitting
- Built in handle for easy transport
- Factory set pressure release valve with audible click
- 5 year limited warranty



HP10 Hand Pump

Both For Use With:

Y34BH, Y35BH, Y35BH4, Y750BHXT, Y750CBHXT, Y39BH, Y45, Y46LWBH, Y46LWSBH, Y644MBH, Y4PC834MBH, Y81KFTMBH, RHCC Series Cutters

Y10AC9

Electric Hydraulic Pump; 10,000 PSI
Light weight, space saving design

- Easy to carry and transport
- Factory set relief valve
- 100,000+ life cycles
- Sealed electric pendant switch with 10-foot cord
- 5 year limited warranty

For Use With:

Y10AC9: 10,000 PSI electric pump
Used with: Y34BH, Y35BH, Y35BH4, Y39BH, Y45, Y46LWBH, Y46LWSBH, Y750BHXT, Y750CBHXT, Y644MBH, Y4PC834MBH, Y81KFTMBH, Y60BHU, Y60LW, RHCC Series Cutters



Catalog Number	Description
Y10AC9	Electric hydraulic pump (10,000 PSI)
Y10AC9OEM	Electric hydraulic pump (10,000 PSI) with foot switch, pump features "Jog & Hold"

Accessories:

YACCASE: Steel carrying case with handle and locking latch
YACFC: Foot control switch

EPP10

Electric Hydraulic Pump; 10,000 PSI
Light weight, small size

- 100,000+ life cycles
- Durable remote pendant switch
- Light weight, small size
- 5 year limited warranty

For Use With:

EPP10: 10,000 PSI electric pump
Used with: Y34BH, Y35BH, Y35BH4, Y750BHXT, Y750CBHXT, Y39BH, Y45, Y46LWBH, Y46LWSBH, Y60BHU, Y60LW, Y644MBH, Y4PC834MBH, Y81KFTMBH, RHCC Series Cutters



Accessories:

- EPPCASE1:** Steel carrying case with handle, locking latch
PT9711: Pendant switch

EP10

Electric Hydraulic Pump; 10,000 PSI
Dual voltage / hertz

- 8 quart reservoir
- Dual voltage / hertz
- Oil level window
- 5 year limited warranty



Catalog Number	Description
EP10	1/2 HP 115/230 V-AC; 60 cycle, 10,000 PSI
EP102	1/2 HP 220/330 V-AC; 50/60 cycle, 10,000 PSI
EP101HP	1 HP 115/230 V-AC; 60 cycle, 10,000 PSI
EP101HP2	1 HP 220/230 V-AC; 50/60 cycle, 10,000 PSI

All For Use With:

Y34BH, Y35BH, Y35BH4, Y750BHXT, Y750CBHXT, Y39BH, Y45, Y46LWBH, Y46LWSBH, Y60BHU, Y60LW, Y644MBH, Y4PC834MBH, Y81KFTMBH, RHCC Series Cutters

EPAC10

Electric Hydraulic Pump; 10,000 PSI

Roll cage, 3-position switch and control box

- Roll cage
- 3-position switch and control box
- Full automatic or manual "Jog and Hold" cycles
- Windows allow easy inspection of proper oil level
- 5 year limited warranty



For Use With:

EPAC10: 10,000 PSI electric pump

Used with: Y34BH, Y35BH, Y35BH4, Y39BH, Y45, Y46LWBH, Y46LWSBH, Y750BHXT, Y750CBHXT, Y644MBH, Y4PC834MBH, Y81KFTMBH, Y60BHU, Y60LW, RHCC Series Cutters

GP10

Gas Hydraulic Pump; 10,000 PSI

Heavy Duty 4 Horse Power Gasoline Engine

- Sturdy steel roll cage design
- Manual control valve
- Fast hose assembly; quick disconnect hydraulic coupler
- Large 8 quart reservoir
- 5 year limited warranty



For Use With:

GP10: 10,000 PSI; 4 HP engine, 4 cycle

Used with: Y34BH, Y35BH, Y35BH4, Y750BHXT, Y750CBHXT, Y39BH, Y45, Y46LWBH, Y46LWSBH, Y60BHU, Y60BHUD, Y60LW, Y644MBH, Y4PC834MBH, Y81KFTMBH, RHCC Series Cutters

10,000 PSI Hoses

Non-Conductive Hoses
2 diameters, 3 lengths

- Stackable couplers (male/female)
- 3 lengths available (10', 15', 25')
- 2 diameters available (3/16", 1/4")



Catalog Number	Description
PT2990010	10 foot length; 3/16" diameter
PT2990015	15 foot length; 3/16" diameter
PT2990025	25 foot length; 3/16" diameter
PT2990110	10 foot length; 1/4" diameter
PT2990115	15 foot length; 1/4" diameter
PT2990125	25 foot length; 1/4" diameter

Notes:

For proper care and maintenance of hydraulic hoses, consult the **Hydraulic Hose Care Manual; Form #7828**.

1/4" diameter (available for 10,000 PSI only) hose provides a higher flow rate for faster ram movement.

Couplers



PT93 (Female) and PT94 (Male)

Replacement couplers for 10,000 PSI operating pressure (sold separately)

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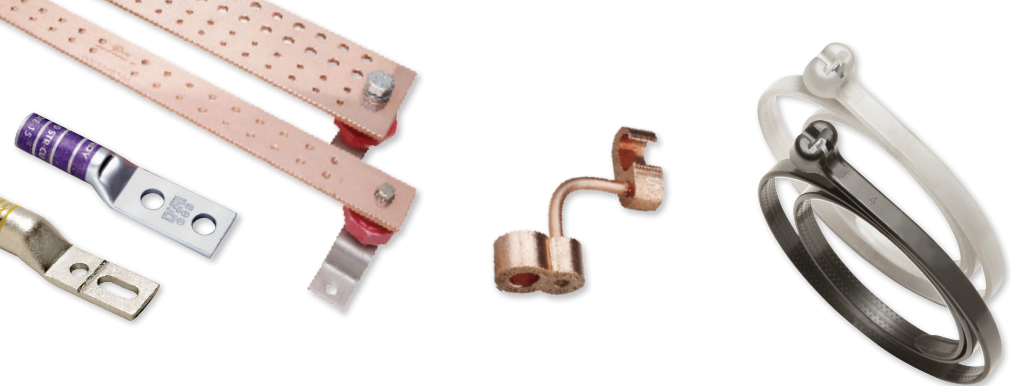
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Here are some company facts:

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- Based in Manchester, NH USA, with manufacturing sites in: Littleton, NH, Lincoln, NH, Bethel, CT, Toluca, Mexico and Sao Paulo, Brazil
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