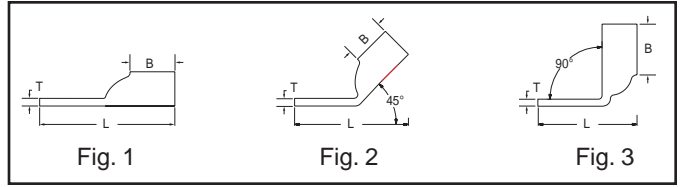
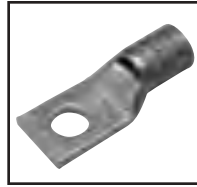


ONE HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL (Continued)



Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions		Dieless (# of crimps)	▲ Installation Tooling						Wire Strip Length											
		AWG	*** MM²			MD6, OUR840, MD7-34R	Hydraulic		Color Code	Die Index																
						(B)	(T)																			
YA25L2-BOX	1	1/0 AWG		1/4"	.75"	.88"	.12"		W25VT (2) W25RT (2) X25RT (2)	W25VT (2) W25RT (2) X25RT (2)	U25RT (1) U2CABT (1)	Pink	12	15/16"												
YA25L2-45	2																									
YA25L2-90	3																									
YA25L4-BOX	1			3/8"	.75"	.88"	.12"																			
YA25L4-45	2																									
YA25L4-90	3																									
YA25L6-BOX	1			1/2"	.75"	.88"	.12"																			
YA25L6-45	2																									
YA25L6-90	3																									
YA25L-BOX	1			5/16"	.75"	.88"	.12"																			
YA25L-45	2																									
YA25L-90	3																									
YA26L2-BOX	1	2/0 AWG	70	1/4"	.83"	.94"	.12"	MY29-3 (1) MY29-11 (1) MRC840 (2) Y644M (1)	W26VT (2) W26RT (2) X26RT (2)	W26VT (2) W26RT (2) X26RT (2)	U26RT (1)	Black	13	1"												
YA26L2-45	2																									
YA26L2-90	3																									
YA26L3-BOX	1			5/16"	.83"	.94"	.12"																			
YA26L3-45	2																									
YA26L3-90	3																									
YA26L-BOX	1			3/8"	.83"	.94"	.12"																			
YA26L-45	2																									
YA26L-90	3																									
YA26L60	1			3/4"	.96"	.94"	.12"																			
YA26L60-45	2																									
YA26L60-90	3																									
YA26L6-BOX	1			1/2"	.83"	.94"	.12"																			
YA26L6-45	2																									
YA26L6-90	3																									
YA26L7-BOX	1			5/8"	.88"	.94"	.11"																			
YA26L7-45	2																									
YA26L7-90	3																									
YA26LNT516	1			5/16"	.62"	.94"	.13"																			
YA27L2-BOX	1	3/0 AWG		1/4"	1.00"	1.00"	.13"		W27VT (2) W27RT (2) X27RT (3)	W27VT (2) W27RT (2) X27RT (3)	U27RT (1)	Orange	14	1-1/16"												
YA27L2-45	2																									
YA27L2-90	3																									
YA27L3	1			5/16"	.91"	1.00"	.13"																			
YA27L3-45	2																									
YA27L3-90	3																									
YA27L4-BOX	1			3/8"	.91"	1.00"	.13"																			
YA27L4-45	2																									
YA27L4-90	3																									
YA27L-BOX	1			1/2"	.91"	1.00"	.13"																			
YA27L-45	2																									
YA27L-90	3																									
YA27LNT38				3/8"	.76"	1.00"	.12"																			
YA28L17-BOX	1	4/0 AWG		5/8"	1.02"	.88"	.14"		W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/8"												
YA28L17-45	2																									
YA28L17-90	3																									
YA28L2-BOX	1			1/4"	1.02"	.88"	.14"																			
YA28L2-45	2																									

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

*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
▲ See tooling section of this catalog for complete tool and die listings.

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

INTRODUCTION

MEDIUM AND LARGE HYDENT™

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

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



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HYLUG™

UNINSULATED COPPER COMPRESSION TERMINALS

UL LISTED 90° C,
600 VOLTS TO 35 kV ♦

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

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

Features and Benefits

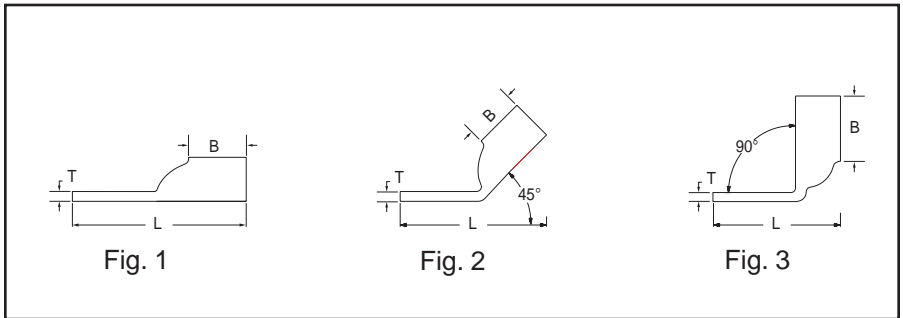
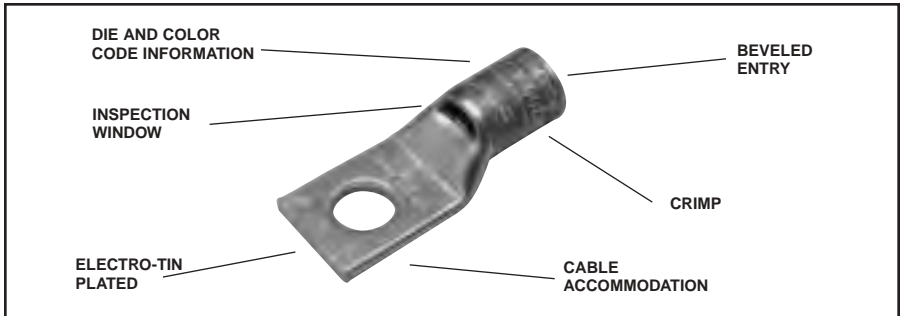
- Manufactured from seamless high conductivity electrolytic copper tubing with heavy duty wall thickness.
 - ◊ Provides maximum conductivity, low resistance and ductility for an excellent combination of electrical and crimp forming properties.
- Barrel diameter closely matches commercial (code) cable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

ONE HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL

TYPES YA-L, YA-L-TC

COPPER COMPRESSION TERMINAL

UL Listed 90° C,
600 Volts to 35 KV ♦



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Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling						Wire Strip Length	
		*** AWG	MM ²			Mechanical				Hydraulic		Color Code	Die Index				
						MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS	Y35, Y39, Y750, Y46*, PAT750									
YAV10-45-BOX	1	#14-#10 STR	6	8-10	.38"	.405"	.058"	.92"	Y8MRB-1 (1)	-	-	-	-		7/16"		
YAV10-BOX	1					.405"	.058"	1.02"									
YAV10R-BOX	3					.375"	.058"	.77"									
YAV10R3-BOX	3					1/4"	.47"	.405"								.047"	.83"
YAV10T2-BOX	1	#12-#10 SOL	6	5/16"	.53"	.38"	.047"	1.12"									
YAV10T3-45-BOX	2					1/4"	.47"	.405"								.047"	1.10"
YAV10T3-BOX	1					1/4"	.47"	.405"								.047"	1.10"
YAV10T4-BOX	1					3/8"	.56"	.38"								.047"	1.18"
YA8CL1-BOX	1	#8 AWG #8 WELD 37/24 #6 SOLID	† 10	1/4"	.44"	.44"	.08"	1.26"	Y1MR (1) Y8MRB-1 (1) Y2MR (1) MY29-3 (1) MY29-11 (1) MRC840 (1)	W8CVT (1) W8CRT (1) X8CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	U8CRT (1)	Red	49	7/16"		
YA8CL1-45	2							1.24"									
YA8CL1-90	3							.80"									
YA8CL2-BOX	1							1.38"									
YA8CL2-45	2			5/16"	.52"	.44"	.06"	1.34"									
YA8CL2-90	3							.92"									
YA8CL3-BOX	1							1.51"									
YA8CL3-45	2							1.45"									
YA8CL3-90	3			3/8"	.58"	.44"	.06"	1.04"									
YA8CL4-BOX	1							1.76"									
YA8CL4-45	2							1.67"									
YA8CL4-90	3							1.28"									
YA8CL-BOX	1	8-10	.41"	.44"	.08"	1.16"											
YA8CL-45	2					1.16"											
YA8CL-90	3					.71"											
YA6CL-BOX	1					1.18"											
YA6CL-45	2	1/4"	.45"	.54"	.08"	1.08"	Y1MR (1) MY29-3 (1) MY29-11 (1) MRC840 (1) Y2MR (1)	W5CVT (1) W5CRT (1) X5CRT (1) X8CART (1)	W5CVT (1) W5CRT (1) X5CRT (1) X8CART (1)	U5CRT (1)	Blue	7	7/8"				
YA6CL-90	3					.81"											
YA6CL1-BOX	1					8-10								.41"	.54"	.09"	.99"
YA6CL1-45	2																.41"
YA6CL1-90	3	.42"	.54"	.09"	.72"												
YA6CL3-BOX	1	1.24"															
YA6CL3-45	2	5/16"	.52"	.54"	.07"	1.06"											
YA6CL3-90	3					.93"											

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

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

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

† The MM² conductor size listed is for both Class 2 and Class 5 conductor.

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

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