INTRODUCTION

MEDIUM AND LARGE HYDENT™

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

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

HYLUG™

UNINSULATED COPPER COMPRESSION TERMINALS

UL LISTED 90° C,
600 VOLTS TO 35 kV ◆

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

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

Features and Benefits

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

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COPPER HYLUG™
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BURNDY
Compression

FCI

COPPER

- **STRANDED "CODE" CLASS "B" CABLE**
  - **STD. LENGTH LUGS**

ONE HOLE	YA-L, YA-L-TC	C-9 - C14
NARROW TONGUE	YA-L-NT	C15
NARROW TONGUE TWO HOLE	YA-L-2NT	C50
TWO HOLE	YA-2L, YA-2LN, YA-L-2TC	C43 - C49

  - **LONG BARREL LUGS**

ONE HOLE	YA, YA-TC, YAZ	C16 - C24
TWO HOLE	YA-2N, YA-2TC, YAZ	C51 - C63
FOUR HOLE	YA-4N, YAB-4N	C85

  - **COPPER SPLICES**

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LONG BARREL	YS, YS-T, YSP-T	C94, C98

  - **REDUCER ADAPTER**

REDUCER ADAPTER	Y-R	C95

  - **COPPER TAPS**

TEE	YST, NYT	C112 - C113
C-TAP	YC-C	C104
LIGHT DUTY C TAP	YC-L	C103

- **FLEXIBLE EXTRA FLEX**
  Accepts Code and Flex Cables Up to 4/0
  - **STD. LENGTH BARREL LUGS**

ONE HOLE	YA-L, YA-L-FX, YAV, YAV-L-FX	C25 - C30
ONE HOLE — WIDE BELLED ENTRY	YA-LB	C31
ONE HOLE — LEAD PLATED	YAG-L-TC-LD	C32 - C37
TWO HOLE	YA-L-2TC-FX, YAV-L-2TC-FX	C64 - C70
TWO HOLE-LEAD PLATED	YAG-L-2TC-LD	C71 - C77

  - **LONG BARREL-LUG**

ONE HOLE	YA-TC-FXB, YAV-TC-FXB, YAZV	C38 - C42
TWO HOLE	YA-2TC-FXB, YAV-2TC-FXB, YAZV	C78 - C83

  - **PIN ADAPTER**

PIN ADAPTER	YEV-P-FX, YEP-FX, YEP	C114 - C116

  - **SPLICE**

SPLICE STANDARD LENGTH BELLED	YS-LB	C96 - C978
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  - **COPPER TAPS**

C-TAP	YCHC	C105
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LONG H TAP	YSH	C109
COVERS FOR H TAPS	CF-FR	C110

ALUMINUM

- **LUGS**

ONE HOLE	YA-A, YA-A-TN	C117 - C118
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- **TRANSFORM. LUG KIT**

	YA-A-KIT	C120

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- **PIN ADAPTER**

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OFFSET	AYPO	C121 - C122

- **SPLICES**

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TAPERED FOR HIGH VOLTAGE	YS-AT	C125

- **REDUCERS**

	YRB	C126

- **TAPS**

H-TAPS	YFD, YFN, YFO, YFR	C127
COVERS FOR H TAPS	CFA, CFA-FR	C128

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COMPRESSION CONNECTORS

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

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

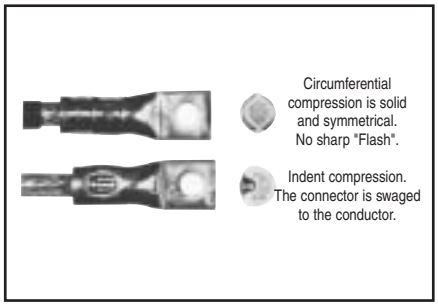
Aluminum compression connectors are manufactured from high conductivity, high purity wrought aluminum. They are designed with sufficient mass and are electro-tin plated to minimize corrosion due to galvanic action between dissimilar metals. The connector barrels are pre-filled with PENETROX®, BURNDY's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

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

SELECTION AND USE

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

Two basic compression designs are available: Circumferential and indent.



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

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

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

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

TOOLING

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

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

INDUSTRY STANDARDS

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

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

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

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BURNDY® Telecommunications Connectors…

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

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

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

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

The Circumferential Crimp…

Circumferential compression is solid and symmetrical. No sharp "Flash".

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

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

BURNDY® Tooling… the right choice for the job

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

Industry Standards

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

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EXPANDED RANGES

The following connectors are range taking when crimped onto code conductor using Y664M family of tools:

COPPER

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

* 1 Crimp
** 1 Crimp per side

ALUMINUM

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

* 1 Crimp
** 1 Crimp per side

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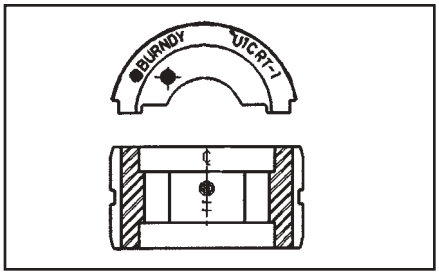
12-TON U DIES*

BURNDY® Die Sets

Fits Y35, Y39, Y750, BAT35, BAT750, PAT750, Y46 (W/PUADP-1 Adapter)



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

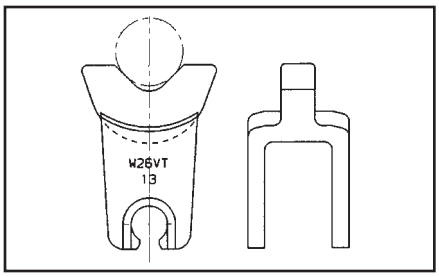
	Wire Size	Copper	Aluminum
Small	#8	**U8CRT**	**U8CABT**
	#6	**U5CRT**	**U6CABT**
	#4	**U4CRT**	**U4CABT**
	#3	**U3CRT**	N/A
	#2	**U2CRT**	**U2CABT**
	#1	**U1CRT-1**	**U1CART**
	1/0	**U25RT**	**U25ART**
	2/0	**U26RT**	**U26ART**
	3/0	**U27RT**	**U27ART**
	4/0	**U28RT**	**U28ART**
	250 MCM	**U29RT**	**U29ART**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

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

W DIES

BURNDY® Die Sets

Fits Tools MD6, MD7, Y500CTHS, BAT500, BCT500HS



W die case Part# **PT4946**, holds up to 12 dies

	Wire Size	Copper	Aluminum
Small	#8	**W8CVT**	**X8CRT**
	#6	**W5CVT**	**W161**
	#4	**W4CVT**	**W162**
	#3	**W3CRT**	N/A
	#2	**W2CVT**	**W239**
	#1	**W1CVT**	**W163**
	1/0	**W25VT**	**W241**
	2/0	**W26VT**	**W245**
	3/0	**W27VT**	**W166**
	4/0	**W28VT**	**W660**
	250	***W29VT**	N/A
	300	***W30VT**	N/A
	350	***W31VT**	***W31ART**
	400	***W32VT**	N/A
Large	500	***W34VT**	N/A

* These sizes (250-500) for Y500CT, MD7-34(R), BAT500, BCT500 only.
NOTE: N/A = not applicable.
Suitable for use on YA, YS, YA-A, YS-A type non-tension connectors.

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

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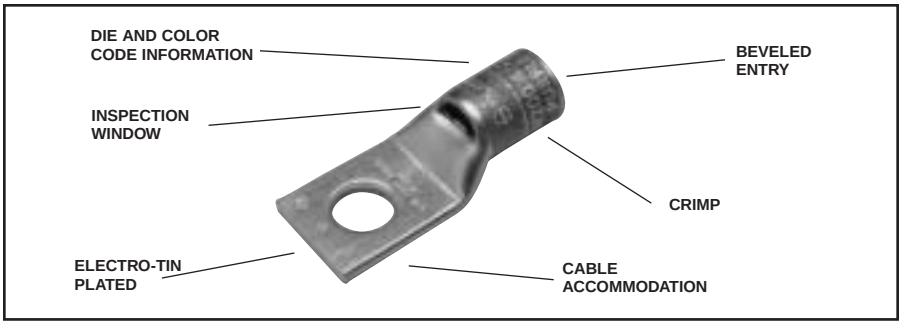
ONE HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL

TYPES YA-L, YA-L-TC

COPPER COMPRESSION TERMINAL

UL Listed 90° C,
600 Volts to 35 KV ◆



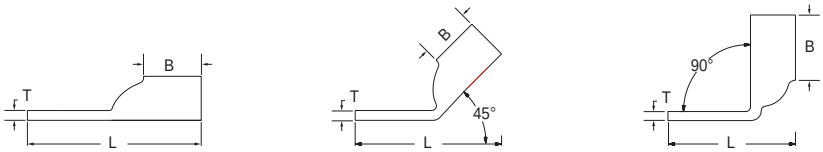


Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor *** AWG	Conductor MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAV10-45-BOX	1	#14-#10 STR #12-#10 SOL	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			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			5/16″	.52″	.44″	.06″	1.38″							
YA8CL2-45	2							1.34″							
YA8CL2-90	3							.92″							
YA8CL3-BOX	1			3/8″	.58″	.44″	.06″	1.51″							
YA8CL3-45	2							1.45″							
YA8CL3-90	3							1.04″							
YA8CL4-BOX	1			1/2″	.71″	.44″	.05″	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	#6 AWG		1/4″	.45″	.54″	.08″	1.18″	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-45	2							1.08″							
YA6CL-90	3							.81″							
YA6CL1-BOX	1			8-10	.41″	.54″	.09″	.99″							
YA6CL1-45	2				.41″	.54″	.09″	.89″							
YA6CL1-90	3				.42″	.54″	.09″	.72″							
YA6CL3-BOX	1			5/16″	.52″	.54″	.07″	1.24″							
YA6CL3-45	2							1.06″							
YA6CL3-90	3							.93″							

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

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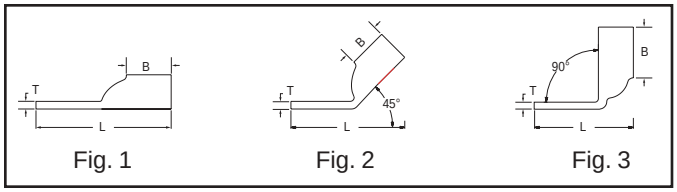

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA6CL4-BOX	1	#6 AWG		3/8″	.63″	.54″	.06″	1.28″	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) UBCABT (1)	Blue	7	7/8″
YA6CL4-45	2							1.17″							
YA6CL4-90	3							1.05″							
YA6CL6-BOX	1			1/2″	.75″	.54″	.12″	1.60″							
YA6CL6-45	2							1.54″							
YA6CL6-90	3							1.30″							
YA5CL-BOX	1	#5 AWG		1/4″	.44″	.81″	.07″	1.65″		W5CRT (1) W5CVT (1) X5CRT (1)	W5CRT (1) X5CRT (1) W5CVT (1)	U5CRT (1)	Blue	7	7/8″
YA5CL-45	2							1.31″							
YA5CL-90	3							.81″							
YA4CL-BOX	1	#4 AWG		1/4″	.50″	.81″	.09″	1.74″	Y1MR (2) MY29-3 (1) MY29-11 (1) MRC840 (1) Y2MR (2) Y644M (1)	W4CVT (1) W4CRT (1) X4CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	U4CRT (1) U6CABT (1)	Gray	8	7/8″
YA4CL-45	2							1.44″							
YA4CL-90	3							.84″							
YA4CL1-BOX	1			8-10	.50″	.81″	.09″	1.58″							
YA4CL1-45	2							1.28″							
YA4CL1-90	3							.75″							
YA4CL3-BOX	1			5/16″	.58″	.81″	.08″	1.92″							
YA4CL3-45	2							1.68″							
YA4CL3-90	3							.96″							
YA4CL4-BOX	1			3/8″	.58″	.81″	.08″	1.92″							
YA4CL4-45	2							1.68″							
YA4CL4-90	3							1.08″							
YA4CL6-BOX	1			1/2″	.71″	.81″	.06″	2.20″							
YA4CL6-45	2							2.02″							
YA4CL6-90	3							1.32″							
YA3CL	1	# 3 STR # 2 SOL	25	5/16″	.55″	.88″	.09″	1.88″		W3CRT (1)	W3CRT (1)	U3CRT (1)	White	9	15/16″
YA3CL-45	2							1.76″							
YA3CL-90	3							.98″							
YA2CL2-BOX	1	#2 AWG	35	1/4″	.61″	.88″	.11″	1.88″		W2CVT (1) W2CRT (1) X2CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	U2CRT (1)	Brown	10	15/16″
YA2CL2-45	2							1.55″							
YA2CL2-90	3							.89″							
YA2CL-BOX	1			5/16″	.61″	.88″	.11″	1.93″							
YA2CL-45	2							1.62″							
YA2CL-90	3							1.01″							
YA2CL4-BOX	1			3/8″	.61″	.88″	.11″	2.06″							
YA2CL4-45	2							1.74″							
YA2CL4-90	3							1.14″							
YA2CL6-BOX	1			1/2″	.73″	.88″	.09″	2.32″							
YA2CL6-45	2							2.17″							
YA2CL6-90	3							1.37″							
YA1CL2	1	#1 AWG	50	1/4″	.68″	.88″	.10″	1.81″	Y1MR (2) MY29-3 (1) MY29-11 (1) MRC840 (1) Y644M (1)	W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	U1CRT-1 (1) U4CABT (1)	Green	11	15/16″
YA1CL2-45	2							1.70″							
YA1CL2-90	3							.91″							
YA1CL-BOX	1			5/16″	.68″	.88″	.01″	1.94″							
YA1CL-45	2							1.82″							
YA1CL-90	3							1.03″							
YA1CL4-BOX	1			3/8″	.68″	.88″	.10″	2.06″							
YA1CL4-45	2							1.95″							
YA1CL4-90	3							1.16″							
YA1CL6-BOX	1			1/2″	.73″	.88″	.09″	2.37″							
YA1CL6-45	2							2.22″							
YA1CL6-90	3							1.40″							

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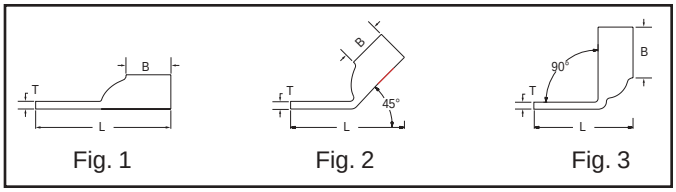

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA25L2-BOX	1	1/0 AWG		1/4″	.75″	.88″	.12″	1.84″	MY29-3 (1) MY29-11 (1) MRC840 (2) Y644M (1)	W25VT (2) W25RT (2) X25RT (2)	W25VT (2) W25RT (2) X25RT (2)	U25RT (1) U2CABT (1)	Pink	12	15/16″
YA25L2-45	2							1.76″							
YA25L2-90	3							.94″							
YA25L4-BOX	1			3/8″	.75″	.88″	.12″	2.09″							
YA25L4-45	2							2.01″							
YA25L4-90	3							1.19″							
YA25L6-BOX	1			1/2″	.75″	.88″	.12″	2.34″							
YA25L6-45	2							2.26″							
YA25L6-90	3							1.44″							
YA25L-BOX	1			5/16″	.75″	.88″	.12″	1.96″							
YA25L-45	2							1.88″							
YA25L-90	3							1.07″							
YA26L2-BOX	1	2/0 AWG	70	1/4″	.83″	.94″	.12″	1.94″		W26VT (2) W26RT (2) X26RT (2)	W26VT (2) W26RT (2) X26RT (2)	U26RT (1)	Black	13	1″
YA26L2-45	2							1.78″							
YA26L2-90	3							.96″							
YA26L3-BOX	1			5/16″	.83″	.94″	.12″	2.06″							
YA26L3-45	2							1.91″							
YA26L3-90	3							1.09″							
YA26L-BOX	1			3/8″	.83″	.94″	.12″	2.19″							
YA26L-45	2							2.03″							
YA26L-90	3							1.21″							
YA26L60	1			3/4″	.96″	.94″	.12″	2.96″							
YA26L60-45	2							2.77″							
YA26L60-90	3							1.89″							
YA26L6-BOX	1			1/2″	.83″	.94″	.12″	2.44″							
YA26L6-45	2							2.28″							
YA26L6-90	3							1.46″							
YA26L7-BOX	1			5/8″	.88″	.94″	.11″	2.69″							
YA26L7-45	2							2.50″							
YA26L7-90	3							1.71″							
YA26LNT516	1			5/16″	.62″	.94″	.13″	2.62″							
YA27L2-BOX	1	3/0 AWG		1/4″	1.00″	1.00″	.13″	2.04″		W27VT (2) W27RT (2) X27RT (3)	W27VT (2) W27RT (2) X27RT (3)	U27RT (1)	Orange	14	1-1/16″
YA27L2-45	2							1.91″							
YA27L2-90	3							.99″							
YA27L3	1			5/16″	.91″	1.00″	.13″	2.16″							
YA27L3-45	2							2.03″							
YA27L3-90	3							1.12″							
YA27L4-BOX	1			3/8″	.91″	1.00″	.13″	2.29″							
YA27L4-45	2							1.91″							
YA27L4-90	3							.99″							
YA27L-BOX	1			1/2″	.91″	1.00″	.13″	2.54″							
YA27L-45	2							2.41″							
YA27L-90	3							1.49″							
YA27LNT38				3/8″	.76″	1.00″	.12″								
YA28L17-BOX	1	4/0 AWG		5/8″	1.02″	.88″	.14″	2.71″		W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/8″
YA28L17-45	2							2.64″							
YA28L17-90	3							1.79″							
YA28L2-BOX	1			1/4″	1.02″	.88″	.14″	1.96″							
YA28L2-45	2							1.89″							

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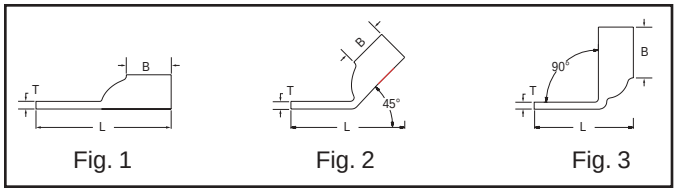

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA28L2-90	3	4/0 AWG		1/4″	1.02″	.88″	.14″	1.04″	MY29-3 (1) MY29-11 (1) MRC840 (2) Y644M (1)	W28VT (2) W28RT (2) X28RT (2)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/8″
YA28L3-BOX	1			5/16″	1.02″	.88″	.14″	2.08″							
YA28L3-45	2							2.01″							
YA28L3-90	3							1.16″							
YA28L4-BOX	1			3/8″	1.02″	.88″	.14″	2.21″							
YA28L4-45	2							2.14″							
YA28L4-90	3							1.29″							
YA28L56-BOX	1			3/4″	1.05″	.88″	.13″	2.90″							
YA28L56-45	2							2.81″							
YA28L56-90	3							1.97″							
YA28L-BOX	1			1/2″	1.02″	.88″	.14″	2.46″							
YA28L-45	2							2.39″							
YA28L-90	3							1.54″							
YA28LNT38	1			3/8″	.76″	.88″	.16″	2.79″							
YA29L2	1	250 kcmil		1/4″	1.11″	1.06″	.16″	2.17″	MY29-3 (1) MY29-11 (1) Y644M (1)	W29VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16	1-1/8″
YA29L2-45	2							2.07″							
YA29L2-90	3							1.08″							
YA29L4	1			3/8″	1.11″	1.06″	.16″	2.42″							
YA29L4-45	2							2.32″							
YA29L4-90	3							1.33″							
YA29L7	1			5/16″	1.11″	1.06″	.16″	2.30″							
YA29L7-45	2							2.20″							
YA29L7-90	3							1.20″							
YA29LTC78	1			7/8″	1.11″	1.06″	.14″	3.36″							
YA29LTC78-45	2							3.23″							
YA29LTC78-90	3							2.26″							
YA29LNT38				3/8″	.96″	1.06″	.16″	2.96″							
YA29L-BOX	1			1/2″	1.11″	1.06″	.16″	2.67″							
YA29L-45	2							2.57″							
YA29L-90	3							1.58″							
YA30L	1	300 kcmil	150	1/2″	1.20″	1.03″	.16″	2.69″	Y644M (1)	W30VT (2)	W30VT (2) W30RT (2)	U30RT (2) U28ART (2)	White	17	1-1/16″
YA30L-45	2							2.60″							
YA30L-90	3							1.61″							
YA30L1	1			5/16″	1.20″	1.03″	.16″	2.31″							
YA30L1-45	2							2.22″							
YA30L1-90	3							1.24″							
YA30L24	1			3/8″	1.20″	1.03″	.16″	2.44″							
YA30L24-45	2							2.35″							
YA30L24-90	3							1.36″							
YA30L27	1			7/8″	1.20″	1.03″	.16″	3.37″							
YA30L27-45	2							3.29″							
YA30L27-90	3							2.30″							
YA30L28	1			3/4″	1.20″	1.03″	.16″	3.12″							
YA30L7	1			5/8″	1.20″	1.03″	.16″	2.94″							
YA30L7-45	2							2.85″							
YA30L7-90	3							1.86″							
YA31L	1	350 kcmil	185	1/2″	1.29″	1.06″	.18″	2.75″		W31VT (2)	W31VT (2) W31RT (2)	U31RT (2) U29ART (2)	Red	18	1-3/16″
YA31L-45	2							2.75″							
YA31L-90	3							1.65″							

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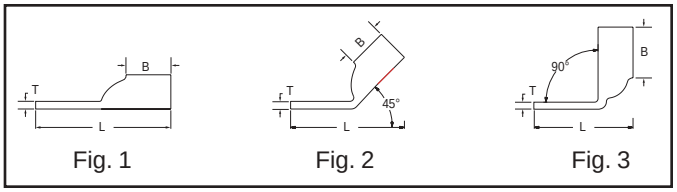

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA31L11	1	350 kcmil	185	3/8″	1.29″	1.06″	.18″	2.50″	Y644M (1)	W31VT (2)	W31VT (2) W31RT (2)	U31RT (2) U29ART (2)	Red	18	1-3/16″
YA31L11-45	2							2.42″							
YA31L11-90	3							1.40″							
YA31L36	1			7/8″	1.29″	1.06″	.18″	4.02″							
YA31L36-45	2							4.02″							
YA31L36-90	3							3.94″							
YA31L7	1			5/8″	1.29″	1.06″	.18″	3.00″							
YA31L7-45	2							3.00″							
YA31L7-90	3							1.90″							
YA31LNT38				3/8″	96″	1.06″	.18″	3.37″							
YA32L	1	400 kcmil		5/8″	1.38″	1.19″	.19″	3.18″		W32VT (2)	W32VT (2) W32RT (2)	U32RT (2) U30ART (2)	Blue	19	1-1/4″
YA32L-45	2							3.08″							
YA32L-90	3							1.95″							
YA32L1	1			1/2″	1.40″	1.19″	.19″	2.93″							
YA32L1-45	2							2.83″							
YA32L1-90	3							1.70″							
YA32L14	1			3/8″	1.38″	1.19″	.19″	2.68″							
YA32L14-45	2							2.58″							
YA32L14-90	3							1.45″							
YA32LTC78	1			7/8″	1.40″	1.19″	.19″	3.62″							
YA32LTC78-45	2							3.52″							
YA32LTC78-90	3							2.38″							
YA33L	1	450 kcmil		5/8″	1.48″	1.50″	.21″	3.57″		W33VT (2)	W33VT (2) W33RT (2)	U33RT (2)	Gray	326	1-9/16″
YA33L-45	2							3.30″							
YA33L-90	3							2.00″							
YA34L	1	500 kcmil	240	5/8″	1.55″	1.27″	.23″	3.37″		W34VT (2)	W34VT (2) W34RT (2)	U34RT (2) U31ART (2)	Brown	20	1-7/16″
YA34L-45	2							3.30″							
YA34L-90	3							2.03″							
YA34L20	1			1″	1.55″	1.27″	.23″	4.05″							
YA34L20-45	2							3.99″							
YA34L20-90	3							2.72″							
YA34L37	1			3/8″	1.55″	1.27″	.23″	2.87″							
YA34L37-45	2							2.80″							
YA34L37-90	3							1.53″							
YA34L6	1			1/2″	1.55″	1.27″	.23″	3.12″							
YA34L6-45	2							3.05″							
YA34L6-90	3							1.78″							
YA34L8	1			3/4″	1.55″	1.27″	.23″	3.55″							
YA34L8-45	2							3.49″							
YA34L8-90	3							2.22″							
YA34L9	1			7/8″	1.55″	1.27″	.23″	3.80″							
YA34L9-45	2							3.74″							
YA34L9-90	3							2.47″							
YA35L	1	550 kcmil		5/8″	1.65″	1.69″	.25″	3.81″		-	-	U35RT (2)	Yellow	21	1-3/4″
YA35L-45	2							3.67″							
YA35L-90	3							2.08″							
YA36L11	1	600 kcmil	300	1/2″	1.74″	1.38″	.27″	3.29″		-	-	U36RT (2)	Green	22	1-3/4″
YA36L	1			5/8″	1.74″	1.38″	.27″	3.72″							
YA36L-45	2							3.51″							
YA36L-90	3							2.11″							

* 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.

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ONE HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL (Continued)

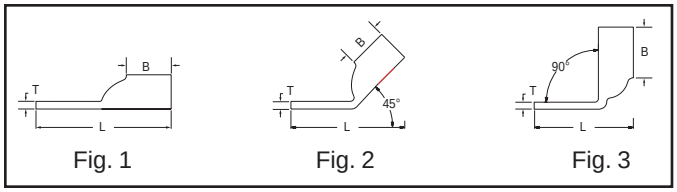

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA36LTC78	1	600 kcmil	300	7/8″	1.74″	1.38″	.27″	3.97″	Y644M (1)	-	-	U36RT (2) U32ART (2)	Green	22	1-3/4″
YA36LTC78-45	2							3.95″							
YA36LTC78-90	3							2.55″							
YA37L	1	650 kcmil		5/8″	1.80″	1.39″	.27″	3.57″		-	-	U37RT (2)	Orange	23	1-15/16″
YA37L-45	2							3.55″							
YA37L-90	3							2.14″							
YA37L1	1							3.76″							
YA38L	1	700 kcmil		5/8″	1.84″	1.45″	.27″	3.66″		-	-	U38RT (2)	Pink	400	1-15/16″
YA38L-90	2							3.60″							
YA38L-45	3							2.15″							
YA39L	1	750 kcmil		5/8″	1.91″	1.42″	.27″	3.67″		-	-	U39RT (2) P39RT (2) **	Black	24	1-15/16″
YA39L-45	2							3.61″							
YA39L-90	3							2.17″							
YA39L2	1			7/8″	1.91″	1.42″	.27″	4.10″							
YA39L2-45	2							4.05″							
YA39L2-90	3							2.61″							
YA39L9	1			1-1/4″	1.91″	1.42″	.27″	4.85″							
YA39L9-45	2							4.80″							
YA39L9-90	3							3.36″							
YA39LNT38				3/8″	1.12″	1.42″	.27″	4.70″							
YA39L6	1			1/2″	1.91″	1.42″	.27″	3.41″							
YA39L6-45	2							3.36″							
YA39L6-90	3							1.92″							
YA40L	1	800 kcmil	400	5/8″	1.98″	1.42″	.30″	3.81″		-	-	P40RT(3) **	Orange	25	1-15/16″
YA40L-45	2							3.69″							
YA40L-90	3							2.21″							
YA41L	1	850 kcmil		5/8″	2.01″	1.88″	.31″	4.15″		-	-	-	Gold	26	1-15/16″
YA41L-45	2							4.03″							
YA41L-90	3							2.23″							
YA44L	1	1000 kcmil	500	5/8″	2.19″	1.65″	.33″	4.04″		-	-	P44RT(3) **	White	27	1-15/16″
YA44L-45	2							4.01″							
YA44L-90	3							2.32″							
YA44L2	1			1/2″	2.49″	1.65″	.33″	3.98″							
YA44L23	1			1″	2.19″	1.65″	.33″	4.73″							
YA-45L	1	1250 kcmil		3/4″	2.46″	2.00″	.38″	4.68″		-	-	P45RT(3) **	Yellow	29	2-1/16″
YA-45L-45	2							4.64″							
YA-45L-90	3							2.62″							
YA-453L	1	1300 kcmil		3/4″	2.53″	2.00″	.39″	4.71″		-	-	-	Orange	30	2-1/16″
YA-453L-45	2							4.68″							
YA-453L-90	3							2.65″							
YA46L	1	1500 kcmil		3/4″	2.69″	2.00″	.40″	4.78″		-	-	P46RT (3) **	Green	31	2-1/16″
YA46L-45	2							4.75″		-	-				
YA46L-90	3							2.71″		-	-				
YA47L	1	1750 kcmil		3/4″	2.90″	2.19″	.42″	5.05″		-	-	-	Gray	33	2-1/4″
YA47L-45	2							5.00″		-	-	-			
YA47L-90	3							2.79″		-	-	-			
YA48L	1	2000 kcmil		3/4″	3.10″	2.25″	.46″	5.19″		-	-	-	Brown	34	2-1/4″
YA48L-45	2							5.19″		-	-	-			
YA48L-90	3							2.89″		-	-	-			

* 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.

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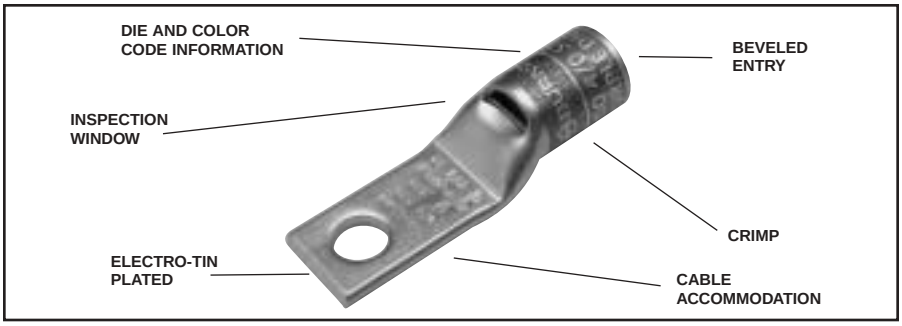
ONE HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL NARROW TONGUE

TYPES YA-L-NT

COPPER COMPRESSION NARROW TONGUE TERMINAL

UL Listed 90° C,
600 Volts to 35 KV ◆



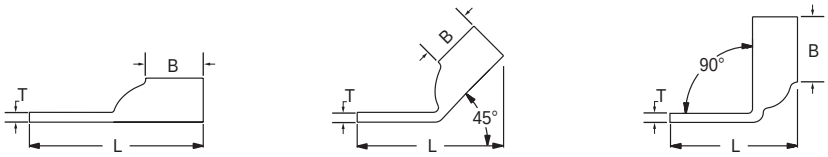


Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: **** Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA8CLNT6	1	#8 AWG	** 10	6	.29″	.44″	.09″	1.08″	Y8MRB-1 (1) Y2MR (1) MY29-3 (1) MY29-11 (1) MRC840 (1)	W8CVT (1)	X8CRT (1)	U8CRT (1)	Red	49	1/2″
YA6CLNT6	1	#6 AWG	-	6	.29″	.54″	.09″	1.17″	Y1MR Y2MR MY29-3 (1) MY29-11 (1) MRC840 Y644M (1)	W5CVT (1)	X5CRT (1)	U5CRT (1)	Blue	7	7/8″
YA4CLNT10	1	#4 AWG	-	# 10	.40″	.81″	.09″	1.73″		W4CVT (1)	X4CRT (1)	U4CRT (1)	Gray	8	7/8″
YA3CLNT516	1	#3 AWG #2 SOL	25	5/16″	.49″	.88″	.09″	1.80″		W3CVT (1)	W3CVT (1)	U3CRT (1)	White	9	15/16″
YA2CLNT10	1	* #2 AWG	35	# 10	.48″	.88″	.11″	1.80″		W2CVT (1)	X2CRT (1)	U2CRT (1)	Brown	10	15/16″
YA2CLNT14	1			1/4″	.50″	.88″	.11″	1.80″							
YA2CLNT516	1			5/16″	.49″	.88″	.11″	1.82″							
YA1CLNT10	1	#1 AWG	50	# 10	.50″	.88″	.10″	2.23″	MY29-3 (1) MY29-11 (1) MRC840 Y644M (1)	W1CVT (1)	X1CRT (1)	U1CRT (1)	Green	11	15/16″
YA1CLNT14	1			1/4″	.50″	.88″	.10″	2.23″							
YA25LNT10	1	1/0 AWG	-	# 10	.62″	.88″	.12″	2.28″		W25VT (2)	X25RT (2)	U25RT (1)	Pink	12	15/16″
YA25LNT516	1			5/16″	.62″	.88″	.12″	2.28″							
YA26LNT10	1	2/0 AWG	70	# 10	.62″	.94″	.13″	2.62″		W26VT (2)	X26RT (2)	U26RT (1)	Black	13	1″
YA26LNT516	1			5/16″	.62″	.94″	.13″	2.62″							
YA26LNT516U	1			-	.62″	.94″	.13″	2.62″							
YA26LNT38	1			3/8″	.72″	.94″	.12″	2.48″							
YA27LNT38	1	3/0 AWG	-	3/8″	.76″	1.00″	.12″	2.73″		W27VT (2)	X27RT (3)	U27RT (1)	Orange	14	1-1/16″
YA28LNT38	1	4/0 AWG	-	3/8″	.76″	.88″	.14″	2.67″		W28VT (2)	X28RT (3)	U28RT (1)	Purple	15	1-1/8″
YA29LNT38	1	250 kcmil	-	3/8″	.96″	1.06″	.16″	2.96″		W29VT (2)	X29RT (4)	U29RT (1)	Yellow	16	1-1/8
YA29LENT38	1				.76″	1.06″	.16″	2.96″		W29VT (2)	X29RT (4)	U29RT (1)	Yellow	16	1-1/8″
YA30LNT38	1	300 kcmil	150	3/8″	.96″	1.03″	.16″	2.97″	Y644M (1)	W30VT (4)	-	U30RT (2)	White	17	1-1/8″
YA31LNT38	1	350 kcmil	185	3/8″	.96″	1.06″	.18″	3.31″		W31VT (4)	-	U31RT (2)	Red	18	1-3/16″
YA32LNT38	1	400 kcmil	-	3/8″	.96″	1.19″	.20″	3.21″		W32VT (4)	-	U32RT (2)	Blue	19	1-1/4″
YA34LNT38	1	500 kcmil	240	3/8″	.96″	1.27″	.23″	3.65″		W34VT (4)	-	U34RT (2)	Brown	20	1-7/16″
YA36LNT38	1	600 kcmil	300	3/8″	1.12″	1.38″	.27″	4.09″		-	-	U36RT (2)	Green	22	1-3/4″
YA39LNT38	1	750 kcmil	-	3/8″	1.12″	1.42″	.27″	4.24″		-	-	U39RT (2)	Black	24	1-15/16″

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

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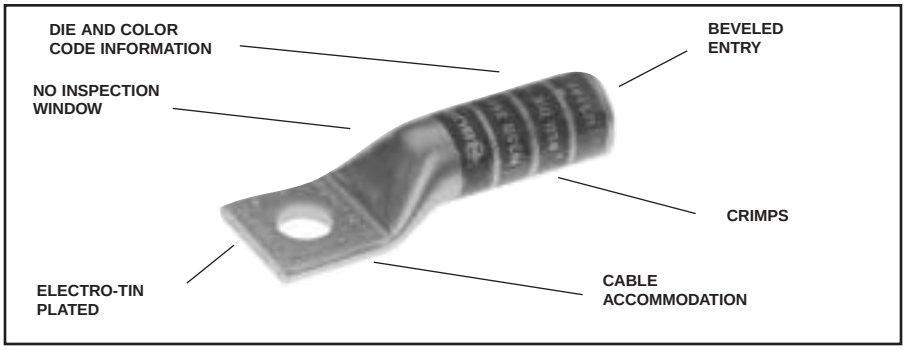
ONE HOLE HYLUG™ CODE CONDUCTOR LONG BARREL

TYPES YA, YA-TC

UNINSULATED COPPER COMPRESSION TERMINAL

UL Listed 90° C,
600 Volts to 35 KV ◆



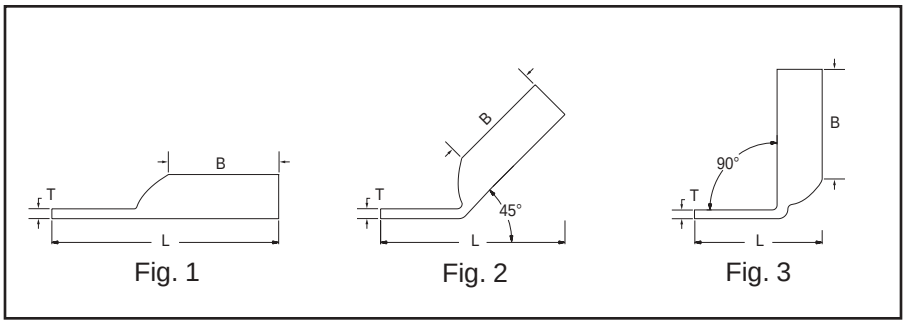


Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750 Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA8C-TC10	1	#8 AWG	† 10	# 10	.38″	.81″	.08″	1.57″	MRC840 (2) Y8MBR-1 (1) Y2MR (2) Y1MR (2)	W8CVT (2) W8CRT (2) X8CRT (2)	X8CRT (2) W8CVT (2) W8CRT (2)	U8CRT (2)	Red	49	1″
YA8C-TC10-45	2							1.46″							
YA8C-TC10-90	3							.68″							
YA8C-TC14	1	#8 WELD		1/4″	.41″	.81″	.08″	1.69″							
YA8C-TC14-45	2							1.57″							
YA8C-TC14-90	3	37/24						.86″							
YA8C-TC38	1	#6 SOL		3/8″	.58″	.81″	.06″	1.88″							
YA8C-TC38-45	2							1.71″							
YA8C-TC38-90	3							1.04″							
YA6C-TC10	1	#6 AWG	-	# 10	.41″	1.12″	.09″	1.89″	MRC840 (2) MY29-3 (2) MY29-11 (2) Y2MR (2) Y644M (1) Y1MR (1)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	U5CRT (2) U8CABT (2)	Blue	7	1-3/16″
YA6C-TC10-45	2							1.72″							
YA6C-TC10-90	3							.75″							
YA6C-N	1			1/2″	.83″	1.12″	.12″	2.64″							
YA6C-N-45	2							2.53″							
YA6C-N-90	3							1.52							
YA6C	1			1/4″	.41″	1.12″	.09″	1.81″							
YA6C-45	2							1.24″							
YA6C-90	3							.81″							
YA5C	1	#5 AWG	-	1/4″	.44″	1.12″	.07″	1.98″	Y1MR (1) MRC840 (2) MY29-3 (2) MY29-11 (2) Y2MR (2) Y644M (1)	W5CVT (2) W5CRT (2) X5CRT (2)	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	Blue	7	1-3/16″
YA5C-45	2							1.75″							
YA5C-90	3							.81″							
YA5C-N	1			1/2″	.83″	1.12″	.12″	2.67″							
YA5C-N-45	2							2.55″							
YA5C-N-90	3							1.52″							
YA4C-TC10	1	#4 AWG		# 10	.49″	1.12″	.09″	1.94″	MRC840 (2) MY29-3 (2) MY29-11 (2) Y2MR (4) Y644M (1)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	Gray	8	1-3/16″
YA4C-TC10-45	2							1.94″							
YA4C-TC10-90	3							1.75″							
YA4C	1			1/4″	.50″	1.12″	.09″	1.87″							
YA4C-45	2							1.52″							

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

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ONE HOLE HYLUG™ CODE CONDUCTOR LONG BARREL (Continued)

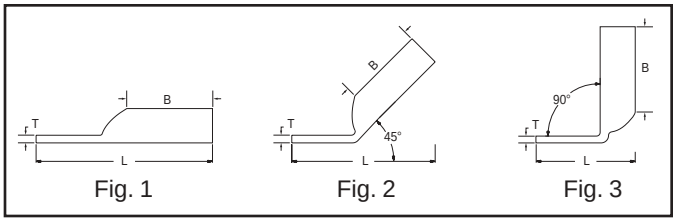

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA4C-90	3	#4 AWG	-	1/4″	.56″	1.12’	.09″	.84″	MRC840 (2) MY29-3 (2) MY29-11 (2) Y2MR (4) Y644M (1) Y1MR (4)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	Gray	8	1-3/16″
YA4C-TC38	1			3/8″	.58″	1.12″	.08″	2.25″							
YA4C-TC38-45	2							2.02″							
YA4C-TC38-90	3							1.08″							
YA4C-N	1			1/2″	.83″	1.12″	.12″	2.69″							
YA4C-N-45	2							2.56″							
YA4C-N-90	3							1.54″							
YA3C-TC14	1	#3 AWG #2 SOLID	25	1/4″	.55″	1.25″	.09″	2.23″	MY29-3 (2) MY29-11 (2) Y644M (1)	W3CRT (2)	W3CRT (2)	U3CRT (2)	White	9	1-1/2″
YA3C-TC14-45	2							1.99″							
YA3C-TC14-90	3							.92″							
YA3C	1			5/16″	.55″	1.25″	.09″	2.30″							
YA3C-45	2							2.05″							
YA3C-90	3							.98″							
YA3C-TC38	1			3/8″	.61″	1.25″	.08″	2.42″							
YA3C-TC38-45	2							2.16″							
YA3C-TC38-90	3							1.10″							
YA3CN	1			1/2″	.81″	1.25″	.12″	2.86″							
YA3CN-45	2							2.68″							
YA3CN-90	3							1.56″							
YA2C-TC10	1	#2 AWG	35	# 10	.61″	1.25″	.11″	2.10″	Y1MR (4) MRC840 (2) MY29-3 (2) MY29-11 (2) Y2MR (4) Y644M (1)	W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	1-5/16″
YA2C-TC10-45	2							1.90″							
YA2C-TC10-90	3							.82″							
YA2C-TC14	1			1/4″	.60″	1.25″	.11″	2.23″							
YA2C-TC14-45	2							2.02″							
YA2C-TC14-90	3							.95″							
YA2C	1			5/16″	.61″	1.25″	.11″	2.29″							
YA2C-45	2							2.09″							
YA2C-90	3							1.01″							
YA2C-N	1			1/2″	.83″	1.25″	.12″	2.88″							
YA2C-N-45	2							2.70″							
YA2C-N-90	3							1.58″							
YA1C-TC10	1	#1 AWG	50	# 10	.68″	1.38″	.10″	2.27″	Y1MR (4) MRC840 (2) MY29-3 (2) MY29-11 (2) Y644M (1)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	U1CRT-1 (2) U4CABT (2)	Green	11	1-7/16″
YA1C-TC10-45	2							2.00″							
YA1C-TC10-90	3							.84″							
YA1C	1			5/16″	.68″	1.38″	.10″	2.45″							
YA1C-45	2							2.19″							
YA1C-90	3							1.03″							
YA1C-N	1			1/2″	.83″	1.38″	.12″	3.06″							
YA1C-N-45	2							2.82″							
YA1C-N-90	3							1.60″							
YA25TC10	1	1/0 AWG	-	# 10	.75″	1.38″	.12″	2.30″	MRC840 (4) MY29-3 (2) MY29-11 (2) Y644M (1)	W25VT (4) W25RT (4) X25RT (4)	W25VT (4) W25RT (4) X25RT (4)	U25RT (2) U2CABT (2)	Pink	12	1-7/16″
YA25TC10-45	2							2.06″							
YA25TC10-90	3							.88″							
YA25	1			5/16″	.75″	1.38″	.12”	2.48″							
YA25-45	2							2.25″							
YA25-90	3							1.07″							
YA25TC38	1			3/8″	.75″	1.38″	.12″	2.61″							
YA25TC38-45	2							2.37″							
YA25TC38-90	3							1.19″							

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

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

• Available undrilled. Add suffix "U" to catalog number (example: YA25U).
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

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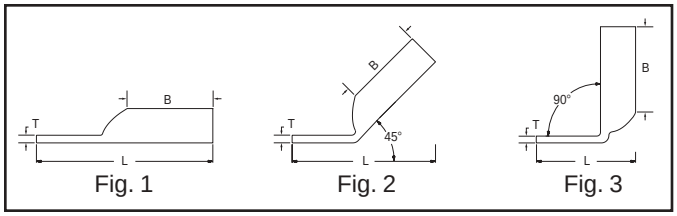
ONE HOLE HYLUG™ CODE CONDUCTOR LONG BARREL (Continued)



Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA25N	1	1/0 AWG	-	1/2″	.81″	1.38″	.11″	3.05″	MRC840 (4) MY29-3 (2) MY29-11 (2) Y644M (1)	W25VT(4) W25RT (4) X25RT (4)	W25VT (4) W25RT (4) X25RT (4)	U25RT (2) U2CABT (2)	Pink	12	1-7/16″
YA25N-45	2							2.79″							
YA25N-90	3							1.62″							
YA26	1	2/0 AWG	70	3/8″	.83″	1.50″	.12″	2.77″	MRC840 (4) MY29-3 (2) MY29-11 (2) Y644M (1)	W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13	1-9/16″
YA26-45	2							2.49″							
YA26-90	3							1.22″							
YA26N	1			1/2″	.83″	1.50″	.12″	3.21″							
YA26N-45	2							2.93″							
YA26N-90	3							1.65″							
YA27	1	3/0 AWG	-	1/2″	.91″	1.50″	.13″	3.06″	MRC840 (4) MY29-3 (2) MY29-11 (2) Y644M (1)	W27VT (4) W27RT (4) X27RT (6)	W27VT (4) W27RT (4) X27RT (6)	U27RT (2)	Orange	14	1-9/16″
YA27-45	2							2.78″							
YA27-90	3							1.49″							
YA28TC38	1	4/0 AWG	-	3/8″	1.02″	1.62″	.14″	2.98″	MRC840 (4) MY29-3 (2) MY29-11 (2) Y644M (1)	W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15	1-1/16″
YA28TC38-45	2							2.68″							
YA28TC38-90	3							1.29″							
YA28	1			1/2″				3.23″							
YA28-45	2							2.93″							
YA28-90	3							1.54″							
YA29	1	250 kcmil	-	1/2″	1.11″	1.62″	.16″	3.26″	MY29-3 (2) MY29-11 (2) Y644M (1)	W29VT (4) X29RT (8)	W29VT (4) W29RT (4) X29RT (8)	U29RT (2)	Yellow	16	1-1/16″
YA29-45	2							2.99″							
YA29-90	3							1.58″							
YA30	1	300 kcmil	150	1/2″	1.20″	2.00″	.16″	3.69″	Y644M (1)	W30VT (4)	W30VT (4) W30RT (4)	U30RT (4) U28ART (4)	White	17 or 298	2-1/16″
YA30-45	2							3.31″							
YA30-90	3							1.61″							
YA31	1	350 kcmil	185	1/2″	1.29″	2.00″	.18″	3.73″	Y644M (1)	W31VT (4)	W31VT (4) W31RT (4)	U31RT (4) U29ART (4)	Red	18 or 324	2-1/16″
YA31-45	2							3.36″							
YA31-90	3							1.65″							
YA32N	1	400 kcmil	-	1/2″	1.38″	2.12″	.19″	4.09″	Y644M (1)	W32VT (4)	W32VT (4) W32RT (4)	U32RT (4) U30ART (4)	Blue	19 or 470	2-3/16″
YA32N-45	2							3.71″							
YA32N-90	3							1.88″							
YA32	1			5/8″	1.38″	2.12″	.19″	4.15″							
YA32-45	2							3.77″							
YA32-90	3							1.95″							

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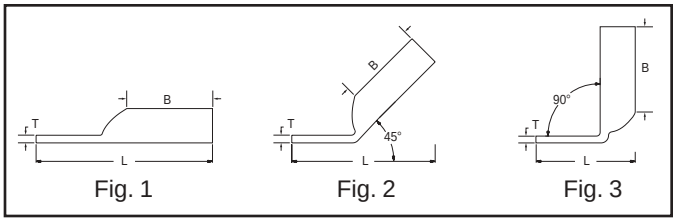

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA33	1	450 kcmil	-	5/8″	1.48″	2.13″	.21″	4.24″	Y644M (1)	W33VT (4)	-	U33RT (4)	Gray	326 or 538	2-5/16″
YA33-45	2							3.87″			W33VT (4) W33RT (4)				
YA33-90	3							2.00″							
YA33-N	1			1/2″	1.48″	2.13″	.21″	4.17″							
YA33-N-45	2							3.81″							
YA33-N-90	3							1.94″							
YA34N	1	500 kcmil	240	1/2″	1.52″	2.25″	.23″	4.32″		W34VT (4)	W34VT (4) W34RT (4)	U34RT (4) U31ART (4)	Brown	20 or 299	2-5/16″
YA34N-45	2							3.96″							
YA34N-90	3							1.97″							
YA34	1			5/8″	1.52″	2.25″	.23″	4.39″							
YA34-45	2							4.02″							
YA34-90	3							2.03″							
YA35	1	550 kcmil	-	5/8″	1.65″	2.63″	.25″	4.79″		-	-	U35RT (4)	Yellow	21	2-11/16″
YA35-45	2							4.37″							
YA35-90	3							2.08″							
YA35-N	1			1/2″	1.65″	2.63″	.25″	4.73″							
YA35-N-45	2							4.30″							
YA35-N-90	3							2.01″							
YA36N	1	600 kcmil	300	1/2″	1.69″	2.69″	.27″	4.83″		-	-	U36RT (4) U32ART (4)	Green	22 or 472	2-3/4″
YA36N-45	2							4.41″							
YA36N-90	3							2.05″							
YA36	1			5/8″	1.69″	2.69″	.27″	4.90″							
YA36-45	2							4.47″							
YA36-90	3							2.11″							
YA37	1	650 kcmil	-	5/8″	1.80″	2.81″	.27″	5.05″		-	-	U37RT (4)	Orange	23	2-7/8″
YA37-45	2							4.59″							
YA37-90	3							2.14″							
YA37-N	1			1/2″	1.80″	2.81″	.27″	4.98″							
YA37-N-45	2							4.53″							
YA37-N-90	3							2.08″							
YA38	1	700 kcmil	-	5/8″	1.84″	2.81″	.27″	5.07″		-	-	U38RT (4)	Pink	400	2-7/8″
YA38-45	2							4.60″							
YA38-90	3							2.15″							
YA38-N	1			1/2″	1.84″	2.81″	.27″	5.01″							
YA38-N-45	2							4.53″							
YA38-N-90	3							2.08″			-				
YA39N	1	750 kcmil	-	1/2″	1.89″	2.88″	.27″	5.11″		-	-	U39RT (4) P39RT (4) **	Black	24	2-15/16″
YA39N-45	2							4.62″							
YA39N-90	3							2.11″							
YA39	1			5/8″	1.89″	2.88″	.27″	5.17″							
YA39-45	2							4.68″							
YA39-90	3							2.17″							
YA40	1	800 kcmil	400	5/8″	1.98″	2.94″	.30″	5.25″		-	-	P40RT (4) **	Orange	25	3″
YA40-45	2							4.80″							
YA40-90	3							2.21″							
YA40-N	1			1/2″	1.98″	2.94″	.30″	5.19″							
YA40-N-45	2							4.74″							
YA40-N-90	3							2.15″							

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• Available undrilled. Add suffix "U" to catalog number (example: YA25U).

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ONE HOLE HYLUG™ CODE CONDUCTOR LONG BARREL (Continued)

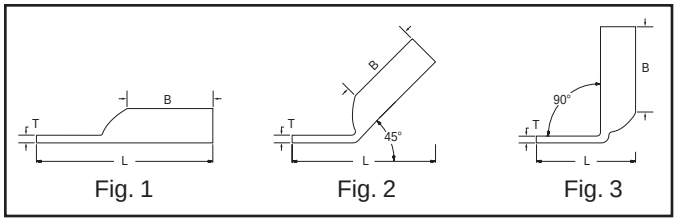

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA41	1	850 kcmil	-	5/8″	2.01″	2.94″	.31″	5.26″	Y644M (1)	-	-	-	Gold	26	3″
YA41-45	2							4.82″							
YA41-90	3							2.23″							
YA41-N	1			1/2″	2.01″	2.91″	.31″	5.20″							
YA41-N-45	2							4.76″							
YA41-N-90	3							2.17″							
YA44	1	1000 kcmil	500	5/8″	2.17″	3.00″	.33″	5.45″		-	-	P44RT (4) **	White	27	3-1/16″
YA44-45	2							5.01″							
YA44-90	3							2.32″							
YA44-N	1			1/2″	2.19″	3.00″	.33″	5.38″							
YA44-N-45	2							4.95″							
YA44-N-90	3							2.26″							
YA45	1	1250 kcmil	-	3/4″	2.46″	3.19″	.38″	5.93″		-	-	P45RT (6) **	Yellow	29	3-1/4″
YA45-45	2							5.52″							
YA45-90	3							2.62″							
YA45-N	1			1/2″	2.46″	3.19″	.38″	5.68″							
YA45-N-45	2							5.27″							
YA45-N-90	3							2.37″							
YA46	1	1500 kcmil	-	3/4″	2.69″	3.19″	.40″	6.04″		-	-	P46RT (6) **	Green	31	3-5/16″
YA46-45	2							5.64″							
YA46-90	3							2.71″							
YA46-N	1			1/2″	2.69″	3.19″	.40″	5.79″							
YA46-N-45	2							5.39″							
YA46-N-90	3							2.46″							
YA47	1	1750 kcmil	-	3/4″	2.90″	3.44″	.42″	6.38″		-	-	-	Gray	33	3-1/2″
YA47-45	2							5.94″							
YA47-90	3							2.79″							
YA47-N	1			1/2″	2.90″	3.44″	.42″	6.13″							
YA47-N-45	2							5.69″							
YA47-N-90	3							2.54″							
YA48	1	2000 kcmil	-	3/4″	3.10″	3.44″	.46″	6.47″		-	-	-	Brown	34	3-1/2″
YA48-45	2							6.09″							
YA48-90	3							2.89″							
YA48-N	1			1/2″	3.10″	3.44″	.46″	6.22″							
YA48-N-45	2							5.84″							
YA48-N-90	3							2.64″							

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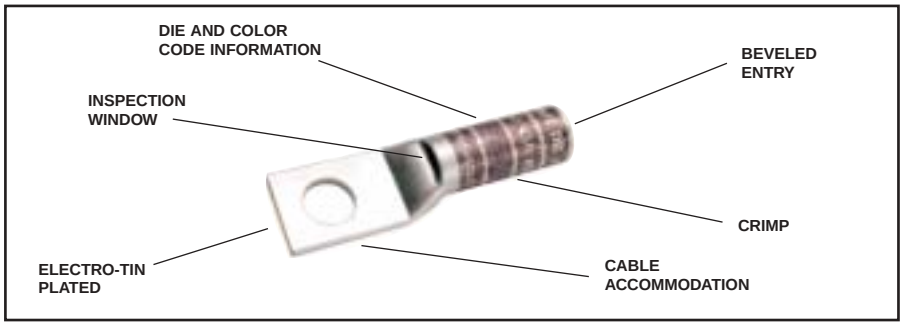
ONE HOLE HYLUG™ CODE CONDUCTOR LONG BARREL WITH INSPECTION WINDOW

TYPE YAZ

UNINSULATED COPPER COMPRESSION TERMINAL

UL Listed 90° C,
600 Volts to 35 KV ◆



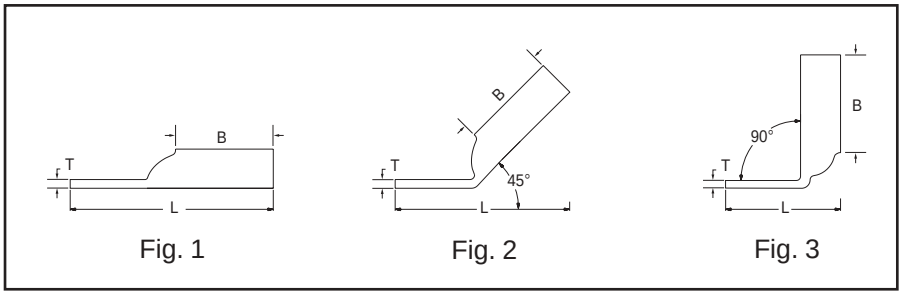


Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAZV10-TC14	1	#14 - 10 Str #12 - 10 Sol	6	1/4″	.41″	.69″	.05″	1.54″	Y8MRB-1	-	-	-	-	-	3/4″
YAZV10-TC14-45	2							1.41″							
YAZV10-TC14-90	3				.			.83″							
YAZ8C-TC10	1	#8 AWG #8 WELD 37/24 #6 SOL	† 10	#10	.41″	.75″	.08″	1.58″	Y1MR (2) Y2MR (2) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644M (1)	W8CVT (2) W8CRT (2) X8CRT (2)	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (2)	Red	49	7/8″
YAZ8C-TC10-45	2							1.47″							
YAZ8C-TC10-90	3							.75″							
YAZ8C-TC14	1			1/4″	.44″	.75″	.08″	1.71″							
YAZ8C-TC14-45	2							1.58″							
YAZ8C-TC14-90	3							.87″							
YAZ8C-TC38	1			1/4″	.58″	.75″	.06″	1.89″							
YAZ8C-TC38-45	2							1.72″							
YAZ8C-TC38-90	3							1.05″							
YAZ6C-TC14	1	#6 AWG	-	1/4″	.45″	1.12″	.08″	2.03″		W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	U5CRT (2) U8CABT (2)	Blue	7 or 374	1-3/16″
YAZ6C-TC14-45	2							1.83″							
YAZ6C-TC14-90	3				.			.89″							
YAZ6C-TC38	1			3/8″	.58″	1.12″	.06″	2.22″							
YAZ6C-TC38-45	2							1.97″							
YAZ6C-TC38-90	3							1.06″							
YAZ6C-TC12	1			1/2″	.83″	1.12″	.12″	2.65″							
YAZ6C-TC12-45	2							2.54″							
YAZ6C-TC12-90	3				.			1.53″							
YAZ5C-TC12	1	#5 AWG	-	1/2″	. .83″	1.12″	.12″	2.68″		W5CRT (2) W5CVT (2) X5CRT (2)	W5CVT (2) X5CRT (2) W5CRT (2)	U5CRT (2)	Blue	7 or 374	1-3/16″
YAZ5C-TC12-45	2							2.56″							
YAZ5C-TC12-90	3							1.53″							
YAZ4C-TC14	1	#4 AWG	-	1/4″	.49″	1.12″	.09″	2.05″	Y1MR (4) Y2MR (4) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644M (1)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	Gray	8 or 346	1-3/16″
YAZ4C-TC14-45	2							1.87″							
YAZ4C-TC14-90	3							.92″							
YAZ4C-TC38	1			3/8″	.58″	1.12″	.08″	2.23″							
YAZ4C-TC38-45	2							2.01″							
YAZ4C-TC38-90	3							1.09″							
YAZ4C-TC12	1			1/2″	.83″	1.12″	.12″	2.67″							
YAZ4C-TC12-45	2							2.55″							
YAZ4C-TC12-90	3							1.55″							

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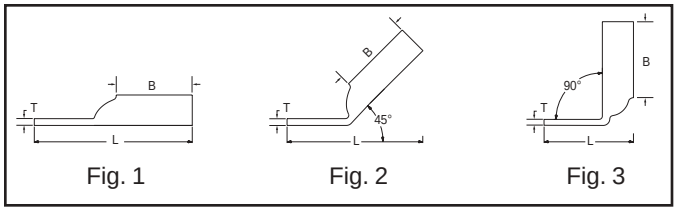

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAZ3C-TC14	1	#3 AWG	25	1/4″	.55″	1.25″	.09″	2.21″	Y1MR (4) Y2MR (4) MY29-3 (2)	W3CRT (2)	W3CRT (2)	U3CRT (2)	White	9	1-5/16″
YAZ3C-TC14-45	2							1.97″							
YAZ3C-TC14-90	3							.93″							
YAZ3C-TC38	1			3/8″	.58″	1.25″	.08″	2.39″							
YAZ3C-TC38-45	2							2.13″							
YAZ3C-TC38-90	3	#2 SOL						1.11″							
YAZ3C-TC12	1			1/2″	.83″	1.25″	.07″	2.83″							
YAZ3C-TC12-45	2							2.66″							
YAZ3C-TC12-90	3							1.57″							
YAZ2C-TC14	1	#2 AWG	35	1/4″	.60″	1.25″	.11″	2.23″	MY29-11 (2) MRC840 (2) Y644M (1)	W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	1-5/16
YAZ2C-TC14-45	2							2.03″							
YAZ2C-TC14-90	3							.96″							
YAZ2C-TC38	1			3/8″	.60″	1.25″	.11″	2.41″							
YAZ2C-TC38-45	2							2.21″							
YAZ2C-TC38-90	3							1.14″							
YAZ2C-TC12	1			1/2″	.83″	1.25	.09″	2.85″							
YAZ2C-TC12-45	2							2.57″							
YAZ2C-TC12-90	3							1.57″							
YAZ1C-TC14	1	#1 AWG	50	1/4″	.67″	1.38″	.10″	2.39″	Y1MR (4) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644M (1)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	U1CRT-1 (2) U4CABT (2)	Green	11 or 375	1-7/16″
YAZ1C-TC14-45	2							2.13″							
YAZ1C-TC14-90	3							.98″							
YAZ1C-TC38	1			3/8″	.67″	1.38″	.10″	2.57″							
YAZ1C-TC38-45	2							2.31″							
YAZ1C-TC38-90	3							1.16″							
YAZ1C-TC12	1			1/2″	.83″	1.38″	.09″	3.01″							
YAZ1C-TC12-45	2							2.7″							
YAZ1C-TC12-90	3							1.59″							
YAZ25-TC14	1	1/0 AWG	-	1/4″	.75″	1.38″	.12″	2.42″	MY29-3 (2) MY29-11 (2) MRC840 (4) Y644M (1)	W25VT (4) W25RT (4) X25RT (4)	W25VT (4) W25RT (4) X25RT (4)	U25RT (2) U2CABT (2)	Pink	12 or 348	1-7/16″
YAZ25-TC14-45	2							2.19″							
YAZ25-TC14-90	3							1.02″							
YAZ25-TC516	1			5/16″	.75″	1.38″	.12″	2.47″							
YAZ25-TC516-45	2							2.24″							
YAZ25-TC516-90	3							1.08″							
YAZ25-TC38	1			3/8″	.75″	1.38″	.12″	2.6″							
YAZ25-TC38-45	2							2.37″							
YAZ25-TC38-90	3							1.2″							
YAZ25-TC12	1			1/2″	.83″	1.38″	.12″	3.04″							
YAZ25-TC12-45	2							2.77″							
YAZ25-TC12-90	3							1.63″							
YAZ26-TC14	1	2/0 AWG	70	1/4″	.83″	1.50″	.12″	2.58″		W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13	1-9/16″
YAZ26-TC14-45	2							2.3″							
YAZ26-TC14-90	3							1.04″							
YAZ26-TC38	1			3/8″	.83″	1.50″	.12″	2.76″							
YAZ26-TC38-45	2							2.48″							
YAZ26-TC38-90	3							1.22″							
YAZ26-TC12	1			1/2″	.83″	1.50″	.12″	3.2″							
YAZ26-TC12-45	2							2.92″							
YAZ26-TC12-90	3							1.66″							
YAZ27-TC38	1	3/0 AWG	-	3/8″	.90″	1.50″	.12″	2.8″		W27RT (4) W27VT (4) X27RT (6)	W27VT (4) W27RT (4) X27RT (6)	U27RT (2)	Orange	14	1-9/16″
YAZ27-TC38-45	2							2.52″							
YAZ27-TC38-90	3							1.25″							

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

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

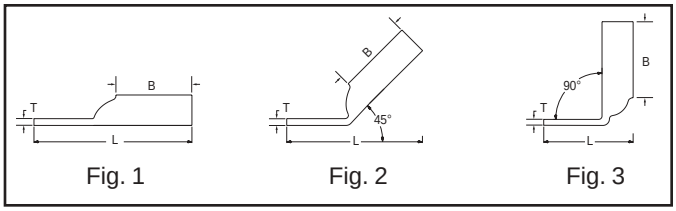

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAZ27-TC12	1	3/0 AWG	-	1/2″	.91″	1.5″	0.12″	3.23″	MY29-3 (2) MY29-11 (2) MRC840 (4) Y644M (1)	W27RT (4) W27VT (4) X27RT (6)	W27VT (4) W27RT (4) X27RT (6)	U27RT (2)	Orange	14	1-9/16″
YAZ27-TC12-45	2							2.96″							
YAZ27-TC12-90	3							1.69″							
YAZ28-TC38	1	4/0 AWG	-	3/8″	1.02″	1.62″	0.14″	2.99″		W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15	1-11/16″
YAZ28-TC38-45	2							2.69″							
YAZ28-TC38-90	3							1.3″							
YAZ28-TC12	1		-	1/2″	1.02″	1.62″	0.14″	3.4″							
YAZ28-TC12-45	2							3.11″							
YAZ28-TC12-90	3							1.73″							
YAZ29-TC38	1	250 kcmil	-	3/8″	1.10″	1.62″	0.16″	2.99″	MY29-3 (2) MY29-11 (2) Y644M (1)	W29VT (4) X29RT (8)	W29VT (4) W29RT (4) X29RT (6)	U29RT (2)	Yellow	16	1-11/16″
YAZ29-TC38-45	2							2.73″							
YAZ29-TC38-90	3							1.34″							
YAZ29-TC12	1			1/2″	1.10″	1.62″	0.16″	3.43″							
YAZ29-TC12-45	2							3.17″							
YAZ29-TC12-90	3							1.77″							
YAZ30-TC38	1	300 kcmil	150	3/8″	1.20″	2″	.16″	3.42″	Y644M (1)	W30VT (4)	W30VT (4) W30RT (4)	U30RT (4) U28ART (4)	White	17 or 298	2-1/16″
YAZ30-TC38-45	2							3.04″							
YAZ30-TC38-90	3							1.37″							
YAZ30-TC12	1			1/2″	1.20″	2″	.16″	3.85″							
YAZ30-TC12-45	2							3.48″							
YAZ30-TC12-90	3							1.81″							
YAZ31-TC38	1	350 kcmil	185	3/8″	1.29″	2″	0.18	3.45″		W31VT (4)	W31VT (4) W31RT (4)	U31RT (4) U29ART (4)	Red	18 or 324	2-1/16″
YAZ31-TC38-45	2							3.1″							
YAZ31-TC38-90	3							1.41″							
YAZ31-TC12	1			1/2″	1.29″	2″	0.18	3.89″							
YAZ31-TC12-45	2							3.54″							
YAZ31-TC12-90	3							1.85″							
YAZ32-TC38	1	400 kcmil	-	3/8″	1.40″	2.12″	.19″	3.62″		W32VT (4)	W32VT (4) W32RT (4)	U32RT (4) U30ART (4)	Blue	19 or 470	2-3/16″
YAZ32-TC38-45	2							3.25″							
YAZ32-TC38-90	3							1.46″							
YAZ32-TC12	1		-	1/2″	1.40″	2.12″	.19″	4.06″							
YAZ32-TC12-45	2							3.69″							
YAZ32-TC12-90	3							1.89″							
YAZ33-TC12	1	450 kcmil	-	1/2″	1.48″	2.12″	.21″	4.14″		W33VT (4)	W33VT (4) W33RT (4)	U33RT (4)	Gray	326	2-5/16″
YAZ33-TC12-45	2							3.79″							
YAZ33-TC12-90	3							1.95″							
YAZ34-TC38	1	500 kcmil	240	3/8″	1.55″	2.25″	.23″	3.85″		W34VT (4)	W34VT (4) W34RT (4)	U34RT (4) U31ART (4)	Brown	20 or 299	2-5/16″
YAZ34-TC38-45	2							3.5″							
YAZ34-TC38-90	3							1.54″							
YAZ34-TC12	1			1/2″	1.55″	2.25″	.23″	4.29″							
YAZ34-TC12-45	2							3.94″							
YAZ34-TC12-90	3							1.98″							
YAZ35-TC12	1	550 kcmil	-	1/2″	1.65″	2.62″	.25″	4.7″		-	-	U35RT (4)	Yellow	21	2-11/16″
YAZ35-TC12-45	2							4.28″							
YAZ35-TC12-90	3							2.02″							
YAZ36-TC38	1	600 kcmil	300	3/8″	1.74″	2.69″	.26″	4.55″		-	-	U36RT (4) U32ART (4)	Green	22 or 472	2/4″
YAZ36-TC38-45	2							4.14″							
YAZ36-TC38-90	3							1.81″							

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

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

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

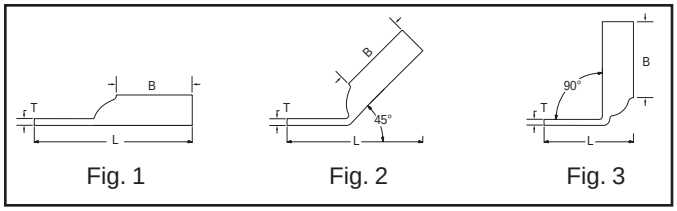

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAZ36-TC12	1	600 kcmil	300	1/2″	1.74″	2.69″	.26″	4.80″	Y644M (1)	-	-	U36RT (4)	Green	22 or 472	2/4″
YAZ36-TC12-45	2							4.39″							
YAZ36-TC12-90	3							2.06″							
YAZ37-TC12	1	650 kcmil	-	1/2″	1.80″	2.81″	.27″	4.95″		-	-	U37RT (4)	Orange	23	2-7/8″
YAZ37-TC12-45	2							4.51″							
YAZ37-TC12-90	3							2.09″							
YAZ38-TC12	1	700 kcmil	-	1/2″	1.84″	2.81″	.27″	4.97″		-	-	U38RT (4)	Pink	400	2-7/8″
YAZ38-TC12-45	2							4.51″							
YAZ38-TC12-90	3							2.09″							
YAZ39-TC38	1	750 kcmil	-	3/8″	1.91″	2.88″	.27″	4.82″		-	-	U39RT (4) P39RT (4) **	Black	24	2-15/16″
YAZ39-TC38-45	2							4.34″							
YAZ39-TC38-90	3							1.87″							
YAZ39-TC12	1			1/2″	1.91″	2.88″	.27″	5.07″							
YAZ39-TC12-45	2							4.59″							
YAZ39-TC12-90	3							2.12″							
YAZ39-NT12	1			1/2″	1.63″	2.88″	.27″	5.07″							
YAZ39-NT12-45	2							4.59″							
YAZ39-NT12-90	3							2.12″							
YAZ40-TC12	1	800 kcmil	400	1/2″	1.98″	2.94″	.30″	5.14″		-	-	P40RT (4) **	Orange	25	3″
YAZ40-TC12-45	2							4.71″							
YAZ40-TC12-90	3							2.16″							
YAZ41-TC12	1	850 kcmil	-	1/2″	2.01″	2.94″	.31″	5.16″		-	-	-	Gold	26	3″
YAZ41-TC12-45	2							4.73″							
YAZ41-TC12-90	3							2.18″							
YAZ44-TC38	1	1000 kcmil	500	3/8″	2.19″	3.00″	.33″	5.09″		-	-	P44RT (4) **	White	27	3-1/16″
YAZ44-TC38-45	2							4.66″							
YAZ44-TC38-90	3							2.02″							
YAZ44-TC12	1			1/2″	2.19″	3.00″	.33″	5.33″							
YAZ44-TC12-45	2							4.91″							
YAZ44-TC12-90	3							2.27″							
YAZ45-TC12	1	1250 kcmil	-	1/2″	2.46″	3.19″	.38″	5.63″		-	-	P45RT (6) **	Yellow	29	3-1/4″
YAZ45-TC12-45	2							5.24″							
YAZ45-TC12-90	3							2.38″							
YAZ453-TC12	1	1300 kcmil	-	1/2″	2.53″	3.19″	.39″	5.66″		-	-	-	Orange	30	2-1/16″
YAZ453-TC12-45	2							5.28″							
YAZ453-TC12-90	3							2.41″							
YAZ46-TC12	1	1500 kcmil		1/2″	2.69″	3.19″	.40″	5.73″		-	-	P46RT (6) **	Green	31	3-5/16″
YAZ46-TC12-45	2							5.35″							
YAZ46-TC12-90	3							2.47″							
YAZ47-TC12	1	1750 kcmil	-	1/2″	2.90″	3.44″	.42″	6.07″		-	-	-	Gray	33	3-1/2″
YAZ47-TC12-45	2							5.65″							
YAZ47-TC12-90	3							2.55″							
YAZ48-TC12	1	2000 kcmil		1/2″	3.10″	3.44″	.46″	6.14″		-	-	-	Brown	34	3-1/2″
YAZ48-TC12-45	2							5.79″							
YAZ48-TC12-90	3							2.65″							

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

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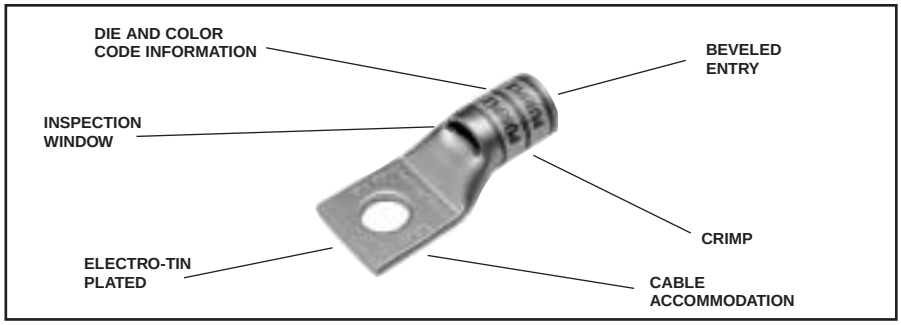
ONE HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL

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

COPPER COMPRESSION TERMINAL

UL Listed 90° C,
600 Volts to 35 KV ◆



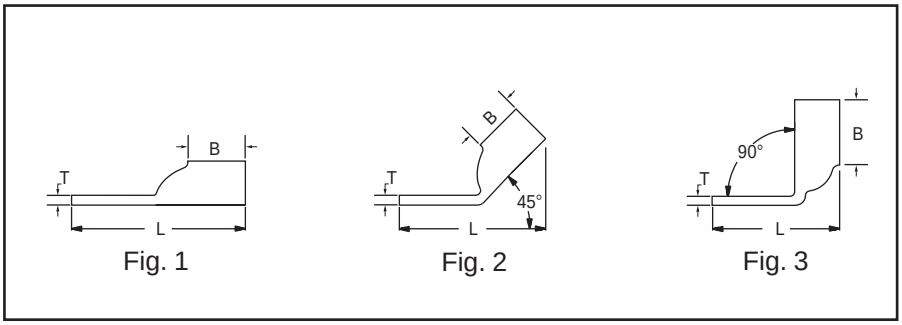


Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA8CL-BOX	1	37/24 #8 Weld #8 AWG	** 10	8-10	.41″	.44″	.08″	1.16″	Y1MR (1) Y8MRB-1 Y2MR (1) MY29-11 (1)	W8CVT (1) W8CRT (1) X8CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	U8CRT (1)	Red	49	7/16″
YA8CL-45	2							1.16″							
YA8CL-90	3							.71″							
YA8C-L1-BOX	1			1/4″	.44″	.44″	.08″	1.26″							
YA8C-L1-45	2							1.24″							
YA8C-L1-90	3							.80″							
YA8C-L2-BOX	1			5/16″	.52″	.44″	.08″	1.38″							
YA8C-L2-45	2							1.34″							
YA8C-L2-90	3							.92″							
YA8C-L3-BOX	1			3/8″	.58″	.44″	.08″	1.51″							
YA8C-L3-45	2							1.45″							
YA8C-L3-90	3							1.04″							
YA8C-L4-BOX	1			1/2″	.71″	.44″	.08″	1.76″							
YA8C-L4-45	2							1.67″							
YA8C-L4-90	3							1.28″							
YAV6CL-TC10-FX	1	61/24 #6 WELD #6 AWG	** 16	8-10	.48″	.50″	.08″	1.30″	Y1MR (1) Y2MR (1) MY29-11 (1) Y644M (1)	W5CVT (1) W5CRT (1) X5CRT (1)	W5CVT (1) W5CRT (1) X5CRT (1)	U5CRT (1)	Blue	7	1/2″
YAV6CL-TC10-FX-45	2							1.26″							
YAV6CL-TC10-FX-90	3							.76″							
YAV6CL-TC12-FX	1			1/2″	.75″	.50″	.12″	1.86″							
YAV6CL-TC12-FX-45	2							1.92″							
YAV6CL-TC12-FX-90	3							1.34″							
YAV6CL-TC14-FX	1			1/4″	.48″	.50″	.08″	1.43″							
YAV6CL-TC14-FX-45	2							1.39″							
YAV6CL-TC14-FX-90	3							.88″							
YAV6CL-TC38-FX	1			3/8″	.60″	.50″	.06″	1.61″							
YAV6CL-TC38-FX-45	2							1.54″							
YAV6CL-TC38-FX-90	3							1.06″							
YAV6CL-TC516-FX	1			5/16″	.60″	.50″	0.07″	1.49″							
YAV6CL-TC516-FX-45	2							1.44″							
YAV6CL-TC516-FX-90	3							.94″							

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

▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for "-FX" connectors. For nest/indentor system contact factory.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

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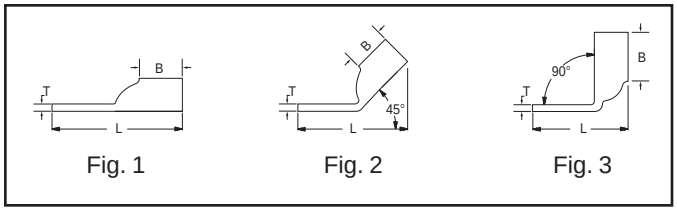

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAV6CL-TC34-FX	1	61/24	**					2.30″	Y2MR (1)						
YAV6CL-TC34-FX-45	2	#6 WELD	16	3/4″	1.05″	.50″	.13″	2.39″	MY29-11 (1)	W5CVT (1)	X5CRT (1)	U5CRT (1)	Blue	7	1/2″
YAV6CL-TC34-FX-90	3	#6 AWG						1.78″	Y644M (1)						
YAV4CL-TC10-FX	1							1.32″							
YAV4CL-TC10-FX-45	2			10-8	.55″	.50″	.09″	1.30″							
YAV4CL-TC10-FX-90	3							.79″							
YAV4CL-TC12-FX	1							1.92″							
YAV4CL-TC12-FX-45	2	91/24		1/2″	.71″	.50″	.07″	1.84″							
YAV4CL-TC12-FX-90	3							1.34″							
YAV4CL-TC14-FX	1	105/24						1.44″		W4CVT (1)	W4CVT (1)				
YAV4CL-TC14-FX-45	2		-	1/4″	.55″	.50″	.09″	1.43″		W4CRT (1)	W4CRT (1)	U4CRT (1)	Gray	8	1/2″
YAV4CL-TC14-FX-90	3	#4 WELD						.92″		X4CRT (1)	X4CRT (1)				
YAV4CL-TC38-FX	1							1.67″							
YAV4CL-TC38-FX-45	2	#4 AWG		3/8″	.58″	.50″	.08″	1.63″							
YAV4CL-TC38-FX-90	3							1.10″							
YAV4CL-TC516-FX	1							1.51″							
YAV4CL-TC516-FX-45	2			5/16″	.55″	.50″	.09″	1.49″	Y1MR (2)						
YAV4CL-TC516-FX-90	3							.98″	Y2MR (2)						
YAV2CL-TC10-FX	1							1.50″	MY29-11 (1)						
YAV2CL-TC10-FX-45	1			# 10	.68″	.63″	.10″	1.46″	Y644M (1)						
YAV2CL-TC10-FX-90	1							.84″							
YAV2CL-TC12-FX	1							2.12″							
YAV2CL-TC12-FX-45	1	125/24		1/2″	.77″	.63″	0.09	2.03″							
YAV2CL-TC12-FX-90	1							1.40″							
YAV2CL-TC14-FX	1	150/24						1.62″		W2CVT (1)	W2CVT (1)				
YAV2CL-TC14-FX-45	2		35	1/4″	.68″	.63″	.10″	1.58″		W2CRT (1)	W2CRT (1)	U2CRT (1)	Brown	10	11/16″
YAV2CL-TC14-FX-90	3	#2 WELD						.97″		X2CRT (1)	X2CRT (1)				
YAV2CL-TC38-FX	1							1.81″							
YAV2CL-TC38-FX-45	2	#2 AWG		3/8″	.68″	.63″	.10″	1.77″							
YAV2CL-TC38-FX-90	3							1.15″							
YAV2CL-TC516-FX	1							1.69″							
YAV2CL-TC516-FX-45	2			5/16″	.68″	.63″	.10″	1.65″							
YAV2CL-TC516-FX-90	3							1.03″							
YAV1CL-TC10-FX	1							1.59″							
YAV1CL-TC10-FX-45	2			# 10	.75″	.69″	.12″	1.56″							
YAV1CL-TC10-FX-90	3							.88″							
YAV1CL-TC12-FX	3							2.15″							
YAV1CL-TC12-FX-45	2	175/24		1/2″	.75″	.69″	.12″	2.12″							
YAV1CL-TC12-FX-90	3							144″							
YAV1CL-TC14-FX	2	225/24						1.71″		W1CVT (1)	W1CVT (1)				
YAV1CL-TC14-FX-45	3		-	1/4″	.75″	.69″	.12″	1.69″	MY29-11 (1)	W1CRT-1 (1)	W1CRT-1 (1)	U1CRT (1)	Green	11	11/16″
YAV1CL-TC14-FX-90	3	#1 WELD						1.00″	Y644M (1)	X1CRT-1 (1)	X1CRT-1 (1)				
YAV1CL-TC38-FX	1							1.90″							
YAV1CL-TC38-FX-45	2	#1 AWG		3/8″	.75″	.69″	.12″	1.87″							
YAV1CL-TC38-FX-90	3							1.19″							
YAV1CL-TC516-FX	1							1.78″							
YAV1CL-TC516-FX-45	2			5/16″	.75″	.69″	.12″	1.75″							
YAV1CL-TC516-FX-90	3							1.07″							

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** The 16 MM² is for both Class 2 and Class 5 conductors.
*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.

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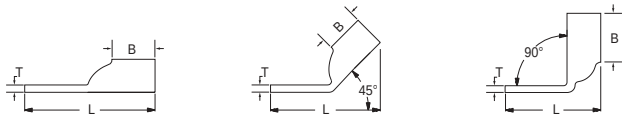

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAV25L-TC12-FX	1	275/24 1/0 WELD 1/0 AWG	50	1/2″	.83″	.69″	.12″	2.19″	MY29-11 (1) Y644M (1)	W25VT (2) W25RT (2) X25RT (2)	W25VT (2) W25RT (2) X25RT (2)	U25RT (1)	Pink	12	11/16″
YAV25L-TC12-FX-45	2							2.15″							
YAV25L-TC12-FX-90	3							1.47″							
YAV25L-TC14-FX	1			1/4″	.83″	.69″	.12″	1.75″							
YAV25L-TC14-FX-45	2							1.71″							
YAV25L-TC14-FX-90	3							1.03″							
YAV25L-TC38-FX	1			3/8″	.83″	.69″	.12″	1.94″							
YAV25L-TC38-FX-45	2							1.90″							
YAV25L-TC38-FX-90	3							1.22″							
YAV25L-TC516-FX	1			5/16″	.83″	.69″	.12″	1.81″							
YAV25L-TC516-FX-45	2							1.77″							
YAV25L-TC516-FX-90	3							1.09″							
YAV26L-TC10-FX	1	325/24 2/0 WELD 2/0 AWG	70	# 10	.93″	.81″	.13″	1.80″		W26VT (2) W26RT (2) X26RT (2)	W26VT (2) W26RT (2) X26RT (2)	U26RT (1)	Black	13	13/16″
YAV26L-TC10-FX-45	2							1.73″							
YAV26L-TC10-FX-90	3							.94″							
YAV26L-TC12-FX	1			1/2″	.93″	.81″	.13″	2.36″							
YAV26L-TC12-FX-45	2							2.29″							
YAV26L-TC12-FX-90	3							1.51″							
YAV26L-TC14-FX	1			1/4″	.93″	.81″	.13″	1.92″							
YAV26L-TC14-FX-45	2							1.85″							
YAV26L-TC14-FX-90	3							1.07″							
YAV26L-TC34-FX	1			3/4″	1.10″	.81″	.11″	2.89″							
YAV26L-TC34-FX-45	2							2.75″							
YAV26L-TC34-FX-90	3							1.93″							
YAV26L-TC38-FX	1			3/8″	.93″	.81″	.13″	2.11″							
YAV26L-TC38-FX-45	2							2.04″							
YAV26L-TC38-FX-90	3							1.26″							
YAV26L-TC516-FX	1			5/16″	.93″	.81″	.13″	1.98″							
YAV26L-TC516-FX-45	2							1.92″							
YAV26L-TC516-FX-90	3							1.13″							
YAV26L-TC58-FX	1			5/8″	.93″	.81″	.13″	2.61″							
YAV26L-TC58-FX-45	1							2.54″							
YAV26L-TC58-FX-90	1							1.76″							
YAV27L-TC10-FX	1	450/24 3/0 WELD 3/0 AWG	95	# 10	1.03″	1.00″	.14″	2.03″		W27VT (2) W27RT (2) X27RT (3)	W27VT (2) W27RT (2) X27RT (3)	U27RT (1)	Orange	14	1″
YAV27L-TC10-FX-45	2							1.91″							
YAV27L-TC10-FX-90	3							.98″							
YAV27L-TC12-FX	1			1/2″	1.03″	1.00″	.14″	2.59″							
YAV27L-TC12-FX-45	2							2.47″							
YAV27L-TC12-FX-90	3							1.54″							
YAV27L-TC14-FX	1			1/4″	1.03″	1.00″	.14″	2.15″							
YAV27L-TC14-FX-45	2							2.04″							
YAV27L-TC14-FX-90	3							1.10″							
YAV27L-TC38-FX	1			3/8″	1.03″	1.00″	.14″	2.34″							
YAV27L-TC38-FX-45	2							2.22″							
YAV27L-TC38-FX-90	3							1.29″							
YAV27L-TC516-FX	1			5/16″	1.03″	1.00″	.14″	2.21″							
YAV27L-TC516-FX-45	2							2.10″							
YAV27L-TC516-FX-90	3							1.17″							

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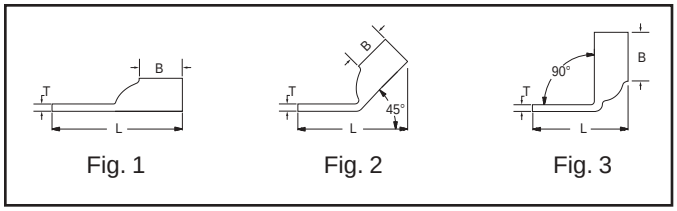

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAV28L-TC12-FX	1	550/24 4/0 WELD 4/0 AWG	** 120	1/2″	1.14″	1.03″	0.15	2.67″	MY29-11 (1) Y644M (1)	W28VT (2) W28RT (2) X28RT (2)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/16″
YAV28L-TC12-FX-45	2							254″							
YAV28L-TC12-FX-90	3							1.58″							
YAV28L-TC14-FX	1			1/4″	1.14″	1.03″	.15″	2.23″							
YAV28L-TC14-FX-45	2							2.11″							
YAV28L-TC14-FX-90	3							1.14″							
YAV28L-TC34-FX	1			3/4″	1.14″	1.03″	.15″	3.11″							
YAV28L-TC34-FX-45	2							2.98″							
YAV28L-TC34-FX-90	3							2.02″							
YAV28L-TC38-FX	1			3/8″	1.14″	1.03″	.15″	2.42″							
YAV28L-TC38-FX-45	2							2.29″							
YAV28L-TC38-FX-90	3							1.33″							
YAV28L-TC516-FX	2			5/16″	1.14″	1.03″	.15″	2.29″							
YAV28L-TC516-FX-45	2							2.17″							
YAV28L-TC516-FX-90	3							1.21″							
YAV28L-TC58-FX	1			5/8″	1.14″	1.03″	.15″	2.92″							
YAV28L-TC58-FX-45	2							2.79″							
YAV28L-TC58-FX-90	3							1.83″							
YAV29L-TC12-FX	1	550/24 4/0 WELD	-	1/2″	1.14″	1.03″	.16″	2.67″	Y644M (1)	W29VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16	1-1/16″
YAV29L-TC12-FX-45	2							254″							
YAV29L-TC12-FX-90	3							1.58″							
YAV29L-TC14-FX	1			1/4″	1.14″	1.03″	.16″	2.23″							
YAV29L-TC14-FX-45	2							2.11″							
YAV29L-TC14-FX-90	3							1.14″							
YAV29L-TC34-FX	1			3/4″	1.14″	1.03″	.16″	3.11″							
YAV29L-TC34-FX-45	2							2.98″							
YAV29L-TC34-FX-90	3							2.02″							
YAV29L-TC38-FX	1			3/8″	1.14″	1.03″	.16″	2.42″							
YAV29L-TC38-FX-45	2							2.29″							
YAV29L-TC38-FX-90	3							1.33″							
YAV29L-TC516-FX	2			5/16″	1.14″	1.03″	.16″	2.29″							
YAV29L-TC516-FX-45	2							2.17″							
YAV29L-TC516-FX-90	3							1.21″							
YAV29L-TC58-FX	1			5/8″	1.14″	1.03″	.16″	2.92″							
YAV29L-TC58-FX-45	2							2.79″							
YAV29L-TC58-FX-90	3							1.83″							
YA30L-TC516-FX	1	250 FLEX CLASS G 259 STR. CLASS H 427 STR.	-	5/16″	1.20″	1.03″	.16″	2.31″							
YA30L-TC516-FX-45	2							2.22″							
YA30L-TC516-FX-90	3							1.24″							
YA30L-TC38-FX	1			3/8″	1.20″	1.03″	.16″	2.44″							
YA30L-TC38-FX-45	2							2.35″							
YA30L-TC38-FX-90	3							1.36″							
YA30L-TC12-FX	1			1/2″	1.20″	1.03″	.16″	2.69″							
YA30L-TC12-FX-45	2							2.60″							
YA30L-TC12-FX-90	3							1.61″							
YA30L-TC58-FX	1			5/8″	1.20″	1.03″	.16″	2.94″							
YA30L-TC58-FX-45	2							2.85″							
YA30L-TC58-FX-90	3							1.86″							

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** The 120 MM² referenced here is for both Class 2 and Class 5.
*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.

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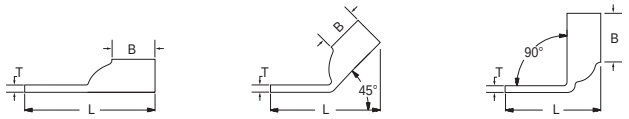

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA30L-TC34-FX	1	250 FLEX	-	3/4″	1.20″	1.03″	.16″	3.12″	Y644M (1)	W29VT (2) X29RT (4)	X29RT (4) W29VT (2) W29RT (2)	U29RT (1)	Yellow	16	1-1/16″
YA30L-TC34-FX-45	2	CLASS G 259 STR.						3.04″							
YA30L-TC34-FX-90	3	CLASS H 427 STR						2.05″							
YA31L-TC14-FX	1	250 FLEX 637/24 CLASS I, K, M	150	1/4″	1.29″	1.06″	.18″	2.31″		W30VT (2)	W30VT (2) W30RT (2)	U30RT (2)	White	17	1-1/8″
YA31L-TC14-FX-45	2							2.23″							
YA31L-TC14-FX-90	3							1.19″							
YA31L-TC516-FX	1			5/16″	1.29″	1.06″	.18″	2.37″							
YA31L-TC516-FX-45	2							2.30″							
YA31L-TC516-FX-90	3							1.27″							
YA31L-TC38-FX	1			3/8″	1.29″	1.06″	.18″	2.50″							
YA31L-TC38-FX-45	2							2.42″							
YA31L-TC38-FX-90	3							1.40″							
YA31L-NT12-FX	1			1/2″	.96″	1.06″	.18″	2.75″							
YA31L-NT12-FX-45	2							2.67″							
YA31L-NT12-FX-90	3							1.65″							
YA31L-TC12-FX	1			1/2″	1.29″	1.06″	.18″	2.75″							
YA31L-TC12-FX-45	2							2.67″							
YA31L-TC12-FX-90	3							1.65″							
YA31L-TC58-FX	1			5/8″	1.29″	1.06″	.18″	3.00″							
YA31L-TC58-FX-45	2							2.92″							
YA31L-TC58-FX-90	3							1.90″							
YA31L-TC34-FX	1			3/4″	1.29″	1.06″	.18″	3.19″							
YA31L-TC34-FX-45	2							3.11″							
YA31L-TC34-FX-90	3							2.09″							
YA32L-TC38-FX	1	313.1 KCMIL 775/24 300 FLEX	185	3/8″	1.40″	1.19″	.19″	2.68″		W31VT (2)	W31VT (2) W31RT (2)	U31RT (2)	Red	18	1-1/4″
YA32L-TC38-FX-45	2							2.58″							
YA32L-TC38-FX-90	3							1.45″							
YA32L-TC12-FX	1			1/2″	1.40″	1.19″	.19″	2.93″							
YA32L-TC12-FX-45	2							2.83″							
YA32L-TC12-FX-90	3							1.70″							
YA32L-TC58-FX	1			5/8″	1.40″	1.19″	.19″	3.18″							
YA32L-TC58-FX-45	2							3.08″							
YA32L-TC58-FX-90	3							1.95″							
YA34L-TC516-FX	1	373.7 KCMIL 925/24 350 FLEX	240	5/16″	1.55″	1.27″	.23″	2.74″		W32VT (2)	W32VT (2) W32RT (2)	U32RT (2)	Blue	19	1-5/16″
YA34L-TC516-FX-45	2							2.68″							
YA34L-TC516-FX-90	3							1.41″							
YA34L-TC38-FX	1			3/8″	1.55″	1.27″	.23″	2.87″							
YA34L-TC38-FX-45	2							2.80″							
YA34L-TC38-FX-90	3							1.53″							
YA34L-TC12-FX	1			1/2″	1.55″	1.27″	.23″	3.12″							
YA34L-TC12-FX-45	2							3.05″							
YA34L-TC12-FX-90	3							1.78″							
YA34L-TC58-FX	1			5/8″	1.55″	1.27″	.23″	3.37″							
YA34L-TC58-FX-45	2							3.30″							
YA34L-TC58-FX-90	3							2.03″							
YA36L-TC12-FX	1	444.4 KCMIL 450 FLEX	-	1/2″	1.74″	1.38″	.27″	3.29″		-	-	U34RT (2)	Brown	20	1-3/8″
YA36L-TC12-FX-45	2							3.26″							
YA36L-TC12-FX-90	3							1.86″							

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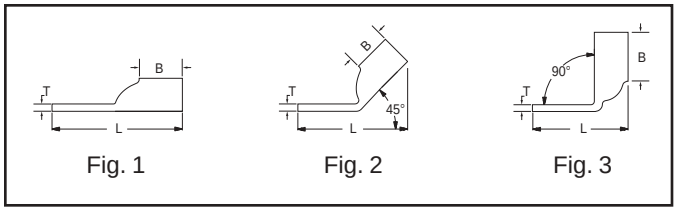

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA36L-TC58-FX	1	1100/24	-	5/8″	1.74″	1.38″	.27″	3.54″	Y644M (1)	-	-	U34RT (2)	Brown	20	1-3/8″
YA36L-TC58-FX-45	2							3.51″							
YA36L-TC58-FX-90	3							2.11″							
YA38L-TC12-FX	1	535.3 KCMIL 1325/24 500 FLEX	300	1/2″	1.84″	1.45″	.27″	3.41″		-	-	U38XRT (2)	Pink	L99	1-7/16″
YA38L-TC12-FX-45	2							3.35″							
YA38L-TC12-FX-90	3							1.90″							
YA38L-TC58-FX	1			5/8″	1.84″	1.45″	.27″	3.66″							
YA38L-TC58-FX-45	2							3.60″							
YA38L-TC58-FX-90	3							2.15″							
YA38L-TC516-FX	1			5/16″	1.84″	1.45″	.27″	3.03″							
YA38L-TC516-FX-45	2							2.97″							
YA38L-TC516-FX-90	3							1.52″							
YA38L-TC38-FX	1			3/8″	1.84″	1.45″	.27″	3.34″							
YA38L-TC38-FX-45	2							3.29″							
YA38L-TC38-FX-90	3							1.83″							
YA40L-TC516-FX	1	646 KCMIL 1600/24	400	5/16″	1.98″	1.42″	.30″	3.05″		-	-	U39RT (2)	Black	24	1-5/16″
YA40L-TC516-FX-45	2							3.06″							
YA40L-TC516-FX-90	3							1.59″							
YA40L-TC38-FX	1			3/8″	1.98″	1.42″	.30″	3.38″							
YA40L-TC38-FX-45	2							3.38″							
YA40L-TC38-FX-90	3							1.91″							
YA40L-TC12-FX	1			1/2″	1.98″	1.42″	.30″	3.43″							
YA40L-TC12-FX-45	2							3.44″							
YA40L-TC12-FX-90	3							1.96″							
YA40L-TC58-FX	1			5/8″	1.98″	1.42″	.30″	3.68″							
YA40L-TC58-FX-45	2							3.69″							
YA40L-TC58-FX-90	3							2.21″							
YA44L-TC12-FX	1	777.7 KCMIL 1925/24	500	1/2″	2.19″	1.65″	.33″	3.79″		-	-	U44XRT (2)	Yellow	L115	1-5/8″
YA44L-TC12-FX-45	2							3.76″							
YA44L-TC12-FX-90	3							2.07″							
YA44L-TC58-FX	1			5/8″	2.19″	1.65″	.33″	4.04″							
YA44L-TC58-FX-45	2							4.01″							
YA44L-TC58-FX-90	3							2.32″							

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

▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for "-FX" connectors. For nest/indentor system contact factory.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

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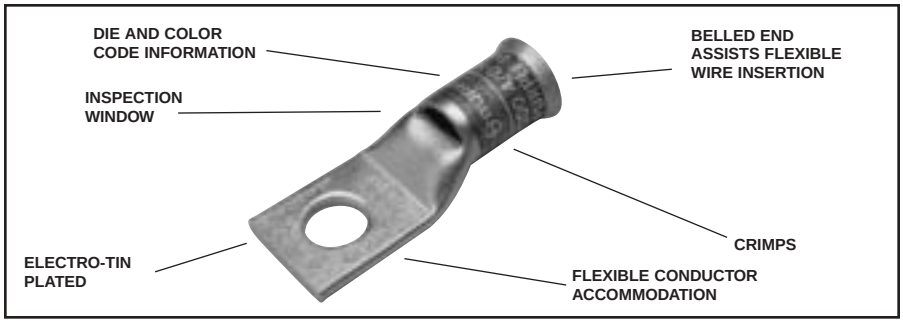
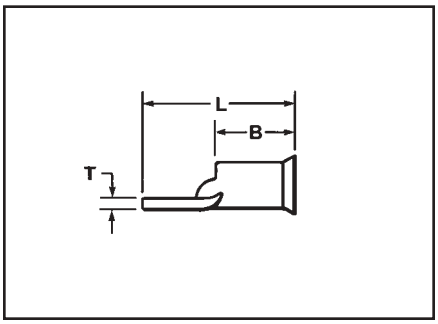
ONE HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL BELLED END

TYPE YA-LB

COPPER COMPRESSION TERMINAL

UL Listed 90° C,
600 Volts to 35 KV ◆





CATALOG NUMBER	FLEXIBLE CONDUCTOR SIZE AWG/KCMIL	STRANDING CLASS (SIZE OF STRAND) NUMBER OF STRANDS G	H	I (#24 STR.)	BATTERY CABLE K (#30 STR.)	WELDING CABLE M (#34 STR.)	LOCO-MOTIVE CABLE	BOLT SIZE	Dimensions C	L	DIE INDEX	WIRE STRIP LENGTH
YA8C-LB	8 AWG			41	168	420	37/24	10	.41″	1.12	1013	7/16″
YA5C-LB	6 AWG			63	266	665	61/24		.44″	1.73	1014	
YA4C-LB	5 AWG	49	133	84	336	836	91/24	1/4″	.50″	1.92	1015	7/8″
YA3C-LB	4 AWG			105	420	1064	105/24		.55″	1.94	1016	
YA2C-LB	3 AWG			133	532	1323	125/24	5/16″	.61″	1.97	1017	5/16″
YA1C-LB	2 AWG			161	665	1666	150/24		.68″	2.02	1018	
YA25-LB	1 AWG			210	836	2107	225/24		.75″	2.26	1019	
YA26-LB	1/0 AWG			266	1064	2646	275/24	3/8″	.83″	2.61	1020	1″
YA27-LB	2/0 AWG	133	259	342	1323	3325	325/24		.91″	2.67	1021	
YA28-LB	3/0 AWG			418	1666	4256	450/24		1.02″	2.77	1022	1-1/16″
YA29-LB	4/0 AWG			-	-	-	-	1/2″	1.11″	2.82	1023	
YA30-LB	250 kcmil	259	427	532	2107	5320	550/24		1.20″	2.93	1024	1-1/8″
YA31-LB	262.2 kcmil	-	-	637	2499	6384	650/24		1.29″	3.31	1025	1-3/16″
YA32-LB	300 kcmil	259	427	735	2898	7851	-		1.40″	3.56	1026	1-1/4″
	313.1 kcmil	-	-	-	-	-	775/24					
YA34-LB	350 kcmil	-	-	-	3458	8806	-		1.52″	3.83	1027	1-7/16″
	373.3 kcmil	-	-	-	-	-	925/24					
	400 kcmil	259	427	980	-	-	-					
YA36-LB	444.4 kcmil	-	-	-	-	-	1100/24		1.69″	4.31	1028	1-3/4″
	450 kcmil	-	-	1127	4522	11396	-					
YA38-LB	500 kcmil	-	-	-	-	-			1.81″	4.27	1029	
	535.3 kcmil	-	-	-	-	-	1325/24	5/8″				
	550 kcmil	427	703	1372	-	-	-					
YA39-LB	600 kcmil	-	-	-	5054	13664	-		1.89″	4.27	1030	1-15/16″
		427	-	-	-	-	-					
YA40-LB	-	-	703	1470	-	14945	1600/24		1.95″	4.27	1031	
YA44-LB	650 kcmil	-	-	-	-	-			2.17″	4.5	1032	
	750 kcmil	427	703	-	-	-	-					
	777.7 kcmil	-	-	-	-	-	1925/24					

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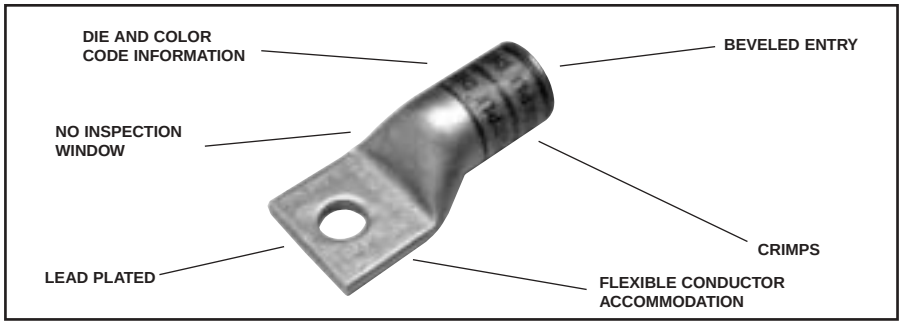
ONE HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL LEAD PLATED

TYPE YAG-L-TC-LD

UL Listed 90° C,
600 Volts to 35KV ◆



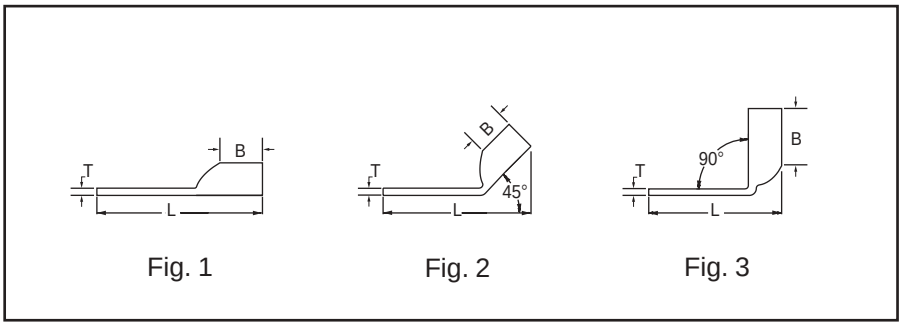


Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAG18TC516LD	1	22-18 AWG		5/16″	.52″	.25″	.06″	1.42″	MR20 (1)				–	–	1/4″
YAG8CLTC10LD	1							1.19″							
YAG8CLTC10LD45	2			# 10	.41″	.44″	.08″	1.20″							
YAG8CLTC10LD90	3							.74″							
YAG8CLTC14LD	1							1.32″							
YAG8CLTC14LD45	2			1/4″	.44″	.44″	.08″	1.31″							
YAG8CLTC14LD90	3	37/24						.86″							
YAG8CLTC516LD	1		**					1.38″	MY29-11 (1)	W8CVT (1)	W8CVT (1)				
YAG8CLTC516LD45	2	#8 WELD		5/16″	.52″	.44″	.06″	1.34″	Y2MR (1)	W8CRT (1)	W8CRT (1)	U8CRT (1)	Red	49	7/16″
YAG8CLTC516LD90	3		10					.92″	Y1MR (1)	X8CRT (1)	X8CRT (1)				
YAG8CLTC38LD	1	8 AWG						1.51″							
YAG8CLTC38LD45	2			3/8″	.58″	.44″	.06″	1.45″							
YAG8CLTC38LD90	3							1.04″							
YAG8CLTC12LD	1							1.76″							
YAG8CLTC12LD45	2			1/2″	.71″	.44″	.05″	1.67″							
YAG8CLTC12LD90	3							1.28″							
YAG6CLTC10LD	1							1.30″							
YAG6CLTC10LD45	2			# 10	.41″	.50″	.08″	1.26″							
YAG6CLTC10LD90	3							.76″							
YAG6CLTC14LD	1							1.43″							
YAG6CLTC14LD45	2			1/4″	.48″	.50″	.08″	1.39″							
YAG6CLTC14LD90	3	61/24						.88″							
YAG6CLTC516LD	1		**					1.49″	Y1MR (1)						
YAG6CLTC516LD45	2	#6 WELD		5/16″	.52″	.50″	.07″	1.44″	MY29-11 (1)	W5CVT (1)	W5CVT (1)	U5CRT (1)	Blue	7	1/2″
YAG6CLTC516LD90	3		16					.94″	Y2MR (1)	W5CRT (1)	W5CRT (1)				
YAG6CLTC38LD	1	#6 AWG						1.61″	Y644M (1)	X5CRT (1)	X5CRT (1)				
YAG6CLTC38LD45	2			3/8″	.58″	.50″	.06″	1.54″							
YAG6CLTC38LD90	3							1.06″							
YAG6CLTC12LD	1							1.86″							
YAG6CLTC12LD45	2			1/2″	.75″	.50″	.12″	1.92″							
YAG6CLTC12LD90	3							1.34″							

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

▲ See tooling section of this catalog for complete tool and die listings.
† Alternate Tooling includes Y8MRB-1, MY29-11
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

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

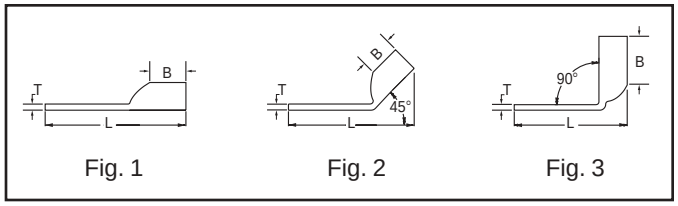

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAG4CLTC10LD	1	91/24 - 105/24 #4 WELD 4 AWG		# 10	.55″	.50″	.09″	1.36″	Y1MR (2) MY29-11 (1) Y2MR (2) Y644M (1)	W4CVT (1) W4CRT (1) X4CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	U4CRT (1)	Gray	8	1/2″
YAG4CLTC10LD45	2							1.33″							
YAG4CLTC10LD90	3							.79″							
YAG4CLNT10LD	1			# 10	.41″	.50″	.09″	1.36″							
YAG4CLNT10LD45	2							1.33″							
YAG4CLNT10LD90	3							.79″							
YAG4CLTC14LD	1			1/4″	.55″	.50″	.09″	1.48″							
YAG4CLTC14LD45	2							1.46″							
YAG4CLTC14LD90	3							.92″							
YAG4CLTC516LD	1			5/16″	.55″	.50″	.08″	1.55″							
YAG4CLTC516LD45	2							1.52″							
YAG4CLTC516LD90	3							.98″							
YAG4CLTC38LD	1			3/8″	.58″	.50″	.08″	1.67″							
YAG4CLTC38LD45	2							1.63″							
YAG4CLTC38LD90	3							1.10″							
YAG4CLTC12LD	1			1/2″	.71″	.50″	.07″	1.92″							
YAG4CLTC12LD45	2							1.84″							
YAG4CLTC12LD90	3							1.34″							
YAG2CLTC10LD	1	125/24 #2 WELD 2 AWG	35	#10	.68″	.63″	.10″	1.52″	Y1MR (2) MY29-11 (1) Y2MR (2) Y644M (1)	W2CRT (1) W2CVT (1) X2CRT (1)	W2CRT (1) W2CVT (1) X2CRT (1)	U2CRT (1)	Brown	10	11/16″
YAG2CLTC10LD45	2							1.47″							
YAG2CLTC10LD90	3							.84″							
YAG2CLTC14LD	1			1/4″	.68″	.63″	.10″	1.64″							
YAG2CLTC14LD45	2							1.60″							
YAG2CLTC14LD90	3							.97″							
YAG2CLTC516LD	1			5/16″	.68″	.63″	.10″	1.70″							
YAG2CLTC516LD45	2							1.66″							
YAG2CLTC516LD90	3							1.03″							
YAG2CLTC38LD	1			3/8″	.68″	.63″	.10″	1.83″							
YAG2CLTC38LD45	2							1.78″							
YAG2CLTC38LD90	3							1.15″							
YAG2CLTC12LD	1			1/2″	.77″	.63″	.10″	2.12″							
YAG2CLTC12LD45	2							2.03″							
YAG2CLTC12LD90	3							1.40″							
YAG1CLTC10LD	1	225/24 175/24 - #1 WELD 1 AWG		# 10	.75″	.69″	.12″	1.61″	MY29-11 (1) Y644M (1)	W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	U1CRT-1 (1)	Green	11	11/16″
YAG1CLTC10LD45	2							1.57″							
YAG1CLTC10LD90	3							.88″							
YAG1CLTC14LD	1			1/4″	.83″	.69″	.12″	1.73″							
YAG1CLTC14LD45	2							1.70″							
YAG1CLTC14LD90	3							1.00″							
YAG1CLTC516LD	1			5/16″	.75″	.69”	.12″	1.80″							
YAG1CLTC516LD45	2							1.76″							
YAG1CLTC516LD90	3							1.07″							
YAG1CLTC38LD	1			3/8″	.75″	.69″	.12″	1.92″							
YAG1CLTC38LD45	2							1.89″							
YAG1CLTC38LD90	3							1.19″							
YAG1CLTC12LD	1			1/2″	.75″	.69″	.12″	2.17″							
YAG1CLTC12LD45	2							2.14″							
YAG1CLTC12LD90	3							1.44″							

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

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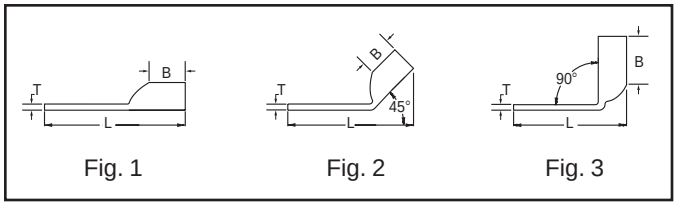

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAG25LTC14LD	1	275/24 1/0 WELD 1/0 AWG	50	1/4″	.83″	.69″	.12″	1.77″	MY29-11 (1) Y644M (1)	W25RT (2) W25VT (2) X25RT (2)	W25RT (2) W25VT (2) X25RT (2)	U25RT (1)	Pink	12	11/16″
YAG25LTC14LD45	2							1.73″							
YAG25LTC14LD90	3							1.03″							
YAG25LTC516LD	1			5/16″	.83″	.69″	.12″	1.84″							
YAG25LTC516LD45	2							1.79″							
YAG25LTC516LD90	3							1.09″							
YAG25LTC38LD	1			3/8″	.83″	.69″	.12″	1.96″							
YAG25LTC38LD45	2							1.92″							
YAG25LTC38LD90	3							1.22″							
YAG25LTC12LD	1			1/2″	.83″	.69″	.12″	2.21″							
YAG25LTC12LD45	2							2.17″							
YAG25LTC12LD90	3							1.47″							
YAG26LTC10LD	1	325/24 2/0 WELD 2/0 AWG	70	# 10	.93″	.81″	.13″	1.82″	MY29-11 (1) Y644M (1)	W26VT (2) W26RT (2) X26RT (2)	W26VT (2) W26RT (2) X26RT (2)	U26RT (1)	Black	13	13/16″
YAG26LTC10LD45	2							1.75″							
YAG26LTC10LD90	3							.94″							
YAG26LTC14LD	1			1/4″	.93″	.81″	.13″	1.95″							
YAG26LTC14LD45	2							1.87″							
YAG26LTC14LD90	3							1.07″							
YAG26LTC516LD	1			5/16″	.93″	.81″	.13″	2.01″							
YAG26LTC516LD45	2							1.93″							
YAG26LTC516LD90	3							1.13″							
YAG26LTC38LD	1			3/8″	.93″	.81″	.13″	2.13″							
YAG26LTC38LD45	2							2.06″							
YAG26LTC38LD90	3							1.26″							
YAG26LTC12LD	1			1/2″	.93″	.81″	.13″	2.38″							
YAG26LTC12LD45	2							2.31″							
YAG26LTC12LD90	3							1.51″							
YAG26LTC58LD	1			5/8″	.93″	.81″	.13″	2.63″							
YAG26LTC58LD45	2							2.56″							
YAG26LTC58LD90	3							1.76″							
YAG26LTC34LD	1			3/4″	.93″	.81″	.11″	2.89″							
YAG26LTC34LD45	2							2.75″							
YAG26LTC34LD90	3							1.93″							
YAG27LTC10LD	1	450/24 3/0 WELD 3/0 AWG	95	#10	1.03	1.00″	.14″	2.05″	MY29-11 (1) Y644M (1)	W27VT (2) X27RT (3) W27RT (2)	W27VT (2) X27RT (3) W27RT (2)	U27RT (1)	Orange	14	1″
YAG27LTC10LD45	2							1.93″							
YAG27LTC10LD90	3							.98″							
YAG27LTC14LD	1			1/4″	1.03	1.00″	.14″	2.18″							
YAG27LTC14LD45	2							2.06″							
YAG27LTC14LD90	3							1.10″							
YAG27LTC516LD	1			5/16″	1.03	1.00″	.14″	2.24″							
YAG27LTC516LD45	2							2.12″							
YAG27LTC516LD90	3							1.17″							
YAG27LTC38LD	1			3/8″	1.03	1.00″	.14″	2.37″							
YAG27LTC38LD45	2							2.24″							
YAG27LTC38LD90	3							1.29″							
YAG27LTC12LD	1			1/2″	1.03	1.00″	.14″	2.62″							
YAG27LTC12LD45	2							2.49″							
YAG27LTC12LD90	3							1.54″							

* Use PUADP-1 adapter with "U" dies in Y46 HYPRESS™
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▲ See tooling section of this catalog for complete tool and die listings.
† Alternate Tooling includes Y8MRB-1, MY29-11
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

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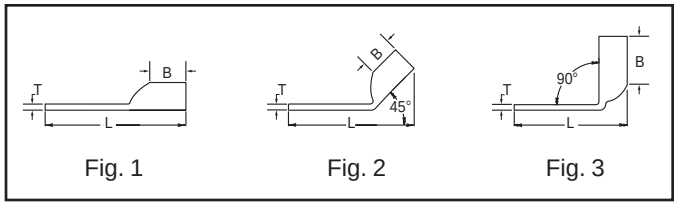

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAG28LTC14LD	1	550/24 4/0 WELD 4/0 AWG	** 120	1/4″	1.14″	1.03″	.15″	2.26″	MY29-11 (1) Y644M (1)	W28VT (2) X28RT (3) W28RT (2)	W28VT (2) X28RT (3) W28RT (2)	U28RT (1)	Purple	15	1-1/16″
YAG28LTC14LD45	2							2.13″							
YAG28LTC14LD90	3							1.14″							
YAG28LTC516LD	1			5/16″	1.14″	1.03″	.15″	2.32″							
YAG28LTC516LD45	2							2.19″							
YAG28LTC516LD90	3							1.21″							
YAG28LTC516N66LD	1							2.64″							
YAG28LTC38LD	1			3/8″	1.14″	1.03″	.15″	2.45″							
YAG28LTC38LD45	2							2.32″							
YAG28LTC38LD90	3							1.33″							
YAG28LTC12LD	1			1/2″	1.14″	1.03″	.15″	2.70″							
YAG28LTC12LD45	2							2.57″							
YAG28LTC12LD90	3							1.58″							
YAG28LTC58LD	1			5/8″	1.14″	1.03″	.15″	2.95″							
YAG28LTC58LD45	2							2.82″							
YAG28LTC58LD90	3							1.83″							
YAG28LTC34LD	1			3/4″	1.14″	1.03″	.15″	3.14″							
YAG28LTC34LD45	2							3.00″							
YAG28LTC34LD90	3							2.02″							
YAG29LTC14LD	1	550/24 4/0 WELD		1/4″	1.14″	1.03″	.16″	2.26″	Y644M (1)	W29VT (2) X29RT (4)	W29VT (2) X29RT (4) W29RT (2)	U29RT (1)	Yellow	16	1-1/16″
YAG29LTC14LD45	2							2.13″							
YAG29LTC14LD90	3							1.14″							
YAG29LTC516LD	1			5/16″	1.14″	1.03″	.16″	2.32″							
YAG29LTC516LD45	2							2.19″							
YAG29LTC516LD90	3							1.21″							
YAG29LTC38LD	1			3/8″	1.14″	1.03″	.16″	2.45″							
YAG29LTC38LD45	2							2.32″							
YAG29LTC38LD90	3							1.33″							
YAG29LTC12LD	1			1/2″	1.14″	1.03″	.16″	2.70″							
YAG29LTC12LD45	2							2.57″							
YAG29LTC12LD90	3							1.58″							
YAG29LTC58LD	1			5/8″	1.14″	1.03″	.16″	2.95″							
YAG29LTC58LD45	2							2.82″							
YAG29LTC58LD90	3							1.83″							
YAG29LTC34LD	1			3/4″	1.14″	1.03″	.16″	3.14″							
YAG29LTC34LD45	2							3.00″							
YAG29LTC34LD90	3							2.02″							
YAG30LTC516LD	1	250 FLEX CLASS G - 259 STR. CLASS H - 427 STR.		5/16″	1.20″	1.03″	.16″	2.34″		W29VT (2) X29RT (4)	W29VT (2) X29RT (4) W29RT (2)	U29RT (1)	Yellow	16	1-1/16″
YAG30LTC516LD45	2							2.25″							
YAG30LTC516LD90	3							1.24″							
YAG30LTC38LD	1			3/8″	1.20″	1.03″	.16″	2.47″							
YAG30LTC38LD45	2							2.37″							
YAG30LTC38LD90	3							1.36″							
YAG30LTC12LD	1			1/2″	1.20″	1.03″	.16″	2.72″							
YAG30LTC12LD45	2							2.62″							
YAG30LTC12LD90	3							1.61″							

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

▲ See tooling section of this catalog for complete tool and die listings.
† Alternate Tooling includes Y8MRB-1, MY29-11
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

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

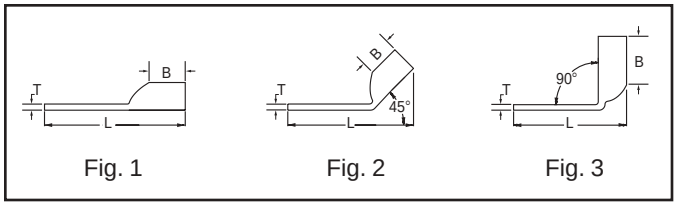

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAG30LTC58LD	1	250 FLEX CLASS G - 259 STR. CLASS H - 427 STR.		5/8″	1.20″	1.03″	.16″	2.97″	Y644M (1)	W29VT (2) X29RT (4)	W29VT (2) X29RT (4) W29RT (2)	U29RT (1)	Yellow	16	1-1/16″
YAG30LTC58LD45	2							2.87″							
YAG30LTC58LD90	3							1.86″							
YAG30LTC34LD	1			3/4″	1.20″	1.03″	.16″	3.16″							
YAG30LTC34LD45	2							3.06″							
YAG30LTC34LD90	3							2.05″							
YAG31LTC14LD	1	637/259 250 FLEX CLASS I, K, M	150	1/4″	1.29″	1.06″	.18″	2.35″		W30VT (2)	W30VT (2) W30RT (2)	U30RT (2)	White	17	1-1/8″
YAG31LTC14LD45	2							2.26″							
YAG31LTC14LD90	3							1.19″							
YAG31LTC516LD	1			5/16″	1.29″	1.06″	.18″	2.41″							
YAG31LTC516LD45	2							2.32″							
YAG31LTC516LD90	3							1.27″							
YAG31LTC38LD	1			3/8″	1.29″	1.06″	.18″	2.53″							
YAG31LTC38LD45	2							2.45″							
YAG31LTC38LD90	3							1.40″							
YAG31LTC12LD	1			1/2″	1.29″	1.06″	.18″	2.78″							
YAG31LTC12LD45	2							2.70″							
YAG31LTC12LD90	3							1.65″							
YAG31LNT12LD	1			1/2″	.96″	1.06″	.18″	2.78″							
YAG31LNT12LD45	2							2.70″							
YAG31LNT12LD90	3							1.65″							
YAG31LTC58LD	1			5/8″	1.29″	1.06″	.18″	3.03″							
YAG31LTC58LD45	2							2.95″							
YAG31LTC58LD90	3							1.90″							
YAG31LTC34LD	1			3/4″	1.29″	1.06″	.18″	3.22″							
YAG31LTC34LD45	2							3.13″							
YAG31LTC34LD90	3							2.09″							
YAG32LTC38LD	1	775/24-300 FLEX 313.1 kcmil	185	3/8″	1.40″	1.19″	.19″	2.72″		W31VT (2)	W31VT (2) W31RT (2)	U31RT (2)	Red	18	1-1/4″
YAG32LTC38LD45	2							2.61″							
YAG32LTC38LD90	3							1.45″							
YAG32LTC12LD	1			1/2″	1.40″	1.19″	.19″	2.97″							
YAG32LTC12LD45	2							2.86″							
YAG32LTC12LD90	3							1.70″							
YAG32LTC58LD	1			5/8″	1.40″	1.19″	.19″	3.22″							
YAG32LTC58LD45	2							3.11″							
YAG32LTC58LD90	3							1.95″							
YAG34LTC516LD	1	925/24-350 FLEX 373.7 kcmil	240	5/16″	1.55″	1.27″	.23″	2.78″		W32VT (2)	W32VT (2) W32RT (2)	U32RT (2)	Blue	19	1-5/16″
YAG34LTC516LD45	2							2.71″							
YAG34LTC516LD90	3							1.41″							
YAG34LTC516N66LD	1							3.09″							
YAG34LNT516N66LD	1				.96″	1.27″	.23″	3.09″							
YAG34LTC38LD	1			3/8″	1.55″	1.27″	.23″	2.91″							
YAG34LTC38LD45	2							2.83″							
YAG34LTC38LD90	3							1.53″							
YAG34LTC12LD	1			1/2″	1.73″	1.27″	.23″	3.16″							
YAG34LTC12LD45	2							3.08″							
YAG34LTC12LD90	3							1.78″							

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

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

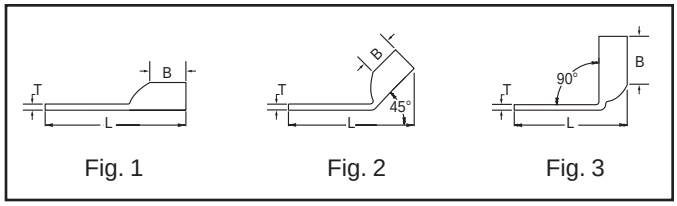

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAG34LTC58LD	1	925/24-350 FLEX 373.7 kcmil		5/8″	1.73″	1.27″	.23″	3.41″	Y644M (1)	W32VT (2)	W32VT (2) W32RT (2)	U32RT (2)	Blue	19	1-5/16″
YAG34LTC58LD45	2							3.33″							
YAG34LTC58LD90	3							2.03″							
YAG36LTC12LD	1	1100/24-450 FLEX 444.4 kcmil		1/2″	1.73″	1.38″	.27″	3.34″		-	-	U34RT (2)	Brown	20	1-3/8″
YAG36LTC12LD45	2							3.30″							
YAG36LTC12LD90	3							1.86″							
YAG36LTC58LD	1			5/8″	1.73″	1.38″	.27″	3.59″							
YAG36LTC58LD45	2							3.55″							
YAG36LTC58LD90	3							2.11″							
YAG38LTC516LD	1	1325/24 500 FLEX 535.3 kcmil	300	5/16″	1.84″	1.45″	.27″	3.08″		-	-	U38XRT (2)	Pink	L99	1-7/16″
YAG38LTC516LD45	2							3.01″							
YAG38LTC516LD90	3							1.52″							
YAG38LTC38LD	1			3/8″	1.84″	1.45″	.27″	3.39″							
YAG38LTC38LD45	2							3.32″							
YAG38LTC38LD90	3							1.83″							
YAG38LTC12LD	1			1/2″	1.84″	1.45″	.27″	3.46″							
YAG38LTC12LD45	2							3.38″							
YAG38LTC12LD90	3							1.90″							
YAG38LTC58LD	1			5/8″	1.84″	1.45″	.27″	3.71″							
YAG38LTC58LD45	2							3.63″							
YAG38LTC58LD90	3							2.15″							
YAG40LTC516LD	1	1600/24-646 kcmil 650 FLEX	400	5/16″	1.96″	1.42″	.30″	3.11″		-	-	U39RT (2)	Black	24	1-5/16″
YAG40LTC516LD45	2							3.10″							
YAG40LTC516LD90	3							1.59″							
YAG40LTC38LD	1			3/8″	1.96″	1.42″	.30″	3.42″							
YAG40LTC38LD45	2							3.42″							
YAG40LTC38LD90	3							1.91″							
YAG40LTC12LD	1			1/2″	1.96″	1.42″	.30″	3.48″							
YAG40LTC12LD45	2							3.47″							
YAG40LTC12LD90	3							1.96″							
YAG40LTC58LD	1			5/8″	1.96″	1.42″	.30″	3.73″							
YAG40LTC58LD45	2							3.72″							
YAG40LTC58LD90	3							2.21″							
YAG44LTC12LD	1	1925/24 750 FLEX 777.7 kcmil	500	1/2″	2.18″	1.65″	.33″	3.85″		-	-	U44XRT (2)	Yellow	L115	1-5/8″
YAG44LTC12LD45	2							3.81″							
YAG44LTC12LD90	3							2.07″							
YAG44LTC58LD	1			5/8″	2.18″	1.65″	.33″	4.10″							
YAG44LTC58LD45	2							4.06″							
YAG44LTC58LD90	3							2.32″							

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

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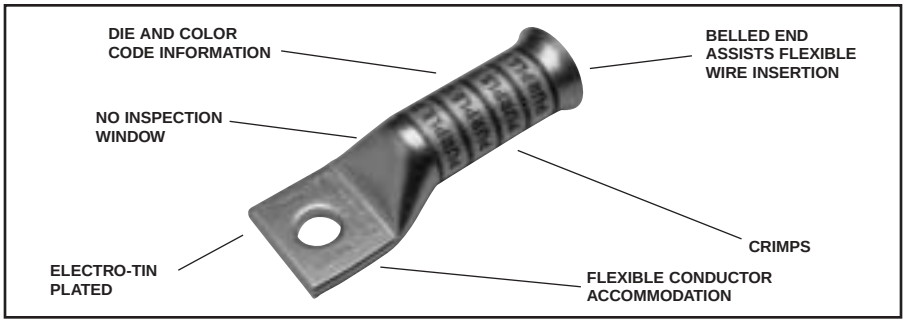
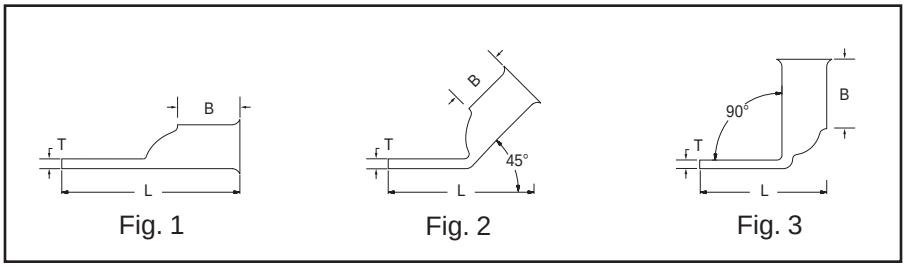
ONE HOLE HYLUG™ FLEX CONDUCTOR LONG BARREL BELLED END

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

UL Listed 90° C,
600 Volts to 35 KV ◆





Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750 Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA8C-TC10-FXB	1	37/24 #8 WELD	**	8-10	.41″	.90″	.08″	1.64″	MRC840 (2)	W8CVT (2)	W8CVT (2)	U8CRT (2)	Red	49	1″
YA8C-TC14-FXB	1	8 AWG	10	1/4″				1.76″	MY29-11 (2)						
									Y2MR + Y1MR (2)						
YAV6C-TC10-FXB	1	61/24 #6 WELD	**	8-10	.48″	1.22″	.08″	1.90″	MY29-11 (2)	W5CVT (2)	W5CVT (2)	U5CRT (2)	Blue	7	1-5/16″
YAV6C-TC14-FXB	1	#6 AWG	16	1/4″				2.11″	Y2MR + Y1MR (2)						
		91/24 #5 STR							Y644M (1)						
YAV5C-TC14-FXB	1	#5 AWG		1/4″	.44″	1.22″	.07″	2.11″	MY29-11 (2) Y2MR + Y1MR (2) Y644M (1)	W5CVT (2)	W5CVT (2)	U5CRT (2)	Blue	7	1-5/16″
YAV4C-TC10-FXB	1	91/24 105/24		8-10	.55″	1.22″	.09″	2.03″	MY29-11 (2)	W4CVT (2)	W4CVT (2)	U4CRT (2)	Gray	8	1-5/16″
YAV4C-TC14-FXB	1	#4 WELD		1/4″	.55″	1.22″	.09″	2.16″	Y2MR + Y1MR (4)						
YAV4C-TC516-FXB	1	#4 AWG		5/16″	.63″	1.22″	.09″	2.22″	Y644M (1)						
YAV2C-TC10-FXB	1	125/24 150/24	35	8-10	.67″	1.35″	.10″	2.23″	MY29-11 (2)	W2CVT (2)	W2CVT (2)	U2CRT (2)	Brown	10	1-7/16″
YAV2C-TC516-FXB	1	#2 WELD #2 AWG		5/16″				2.42″	Y2MR + Y1MR (4)						
									Y644M (1)						
YAV1C-TC10-FXB	1	175/24 225/24		8-10	.69″	1.50″	.12″	2.40″	MY29-11 (2)	W1CVT (2)	W1CVT (2)	U1CRT-1 (2)	Green	11	1-9/16″
YAV1C-TC516-FXB	1	#1 WELD #1AWG		5/16″				2.59″	Y644M (1)						
YAV25-TC10-FXB	1	275/24 1/0 WELD 1/0 AWG	50	8-10	.83″	1.50″	.12″	2.44″	MY29-11 (2) Y644M (1)	W25VT (4)	W25VT (4)	U25RT (2)	Pink	12	1-9/16″
YAV25-TC516-FXB	1			5/16″				2.63″							
YAV25-TC38-FXB	1			3/8″				2.75″							
YAV25-TC12-FXB	1			1/2″				3.19″							
YAV26-TC38-FXB	1	352/24 2/0 WELD	70	3/8″	.93″	1.63″	.13″	2.94″	MY29-11 (2) Y644M (1)	W26VT (4)	W26VT (4)	U26RT (2)	Black	13	1-13/16″
YAV26-TC12-FXB	1	2/0 AWG		1/2″				3.37″							
		450/24 3/0 WELD													
YAV27-TC12-FXB	1	3/0 AWG	95	1/2″	1.10″	1.64″	.14″	3.43″	MY29-11 (2) Y644M (1)	W27VT (4)	W27VT (4)	U27RT (2)	Orange	14	1-13/16″
YAV28-TC38-FXB	1	550/24 4/0 WELD	**	3/8″	1.12″	1.77″	.14″	3.17″	MY29-11 (2) Y644M (1)	W28VT (4)	W28VT (4)	U28RT (2)	Purple	15	1-7/8″
YAV28-TC12-FXB	1	4/0 AWG	120	1/2″				3.61″							
		250 FLEX													
YA30-TC12-FXB	1	Class G 259 str. Class H 427 str. 250 FLEX		1/2″	1.20″	2.16″	.16″	4.02″	Y644M (1)	W29VT (4)	W29VT (4)	U29RT (2)	Yellow	16	2-1/4″
YA31-TC12-FXB	1	637/24 Class I,K,M	150	1/2″	1.28″	2.18″	.18″	4.08″	Y644M (1)	W30VT (4)	W30VT (4)	U30RT (4)	White	17	2-1/4″

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

‡ P44RT for use with Y46 HYPRESS™ only. PUADP-1 adapter not required.
▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for "-FX" connectors. For nest/indentor system contact factory.

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

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

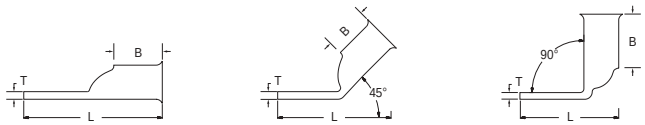

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750 Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA32-TC12-FXB	1	313.1 kcmil	185	1/2″	1.38″	2.32″	.19″	4.28″	Y644M (1)	W31VT (4)	W31VT (4)	U31RT (4)	Red	18	2-1/4″
YA32-TC58-FXB	1			5/8″				4.34″							
YA34-TC12-FXB	1	373.7 kcmil	240	1/2″	1.50″	2.48″	.23″	4.54″		W32VT (4)	W32VT (4)	U32RT (4)	Blue	19	2-9/16″
YA34-TC58-FXB	1	925/24		5/8″				4.60″							
YA36-TC12-FXB	1	444.4 kcmil		1/2″	1.69″	2.95″	.26″	5.09″				U34RT (4)	Brown	20	3-1/16″
YA36-TC58-FXB	1	1100/24		5/8″				5.15″							
		535.3 kcmil													
YA38-TC58-FXB	1	1325/24	300	5/8″	1.81″	3.08″	.27″	5.32″		-	-	U38XRT (4)	Pink	L99	3-3/16″
YA40-TC58-FXB	1	646 kcmil - 1600/24	400	5/8″	1.95″	3.24″	.30″	5.53″		-	-	U39RT (4)	Black	24	3-5/16″
YA44-TC58-FXB	1	777.7 kcmil - 1925/24	500	5/8″	2.17″	3.33″	.33″	5.71″		-	-	U44XRT (4)	Yellow	L115	3-7/16″
YA46-TC58-FXB	1	1111 kcmil		5/8″	2.69″	3.58″	.39″	6.19″		-	-	**P45RT (4)	Yellow	29	3-11/16″

* Use PUADP-1 adapter with "U" dies in Y46 HYPRESS™
** The 16 MM² and 120 MM² referenced here are for both Class 2 and Class 5 conductor.
*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.
‡ P44RT for use with Y46 HYPRESS™ only. PUADP-1 adapter not required.

▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for "-FX" connectors. For nest/indentor system contact factory.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

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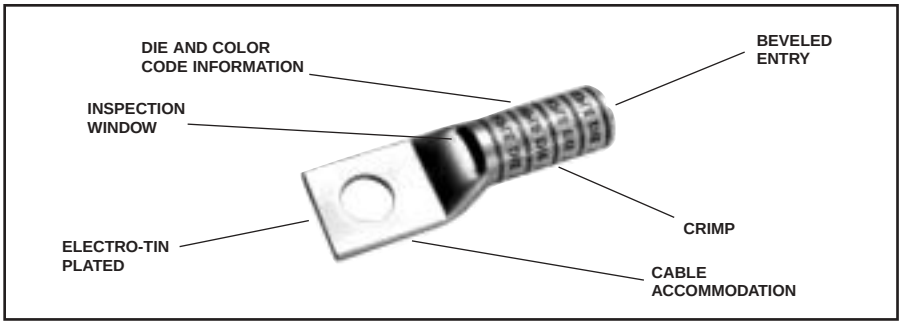
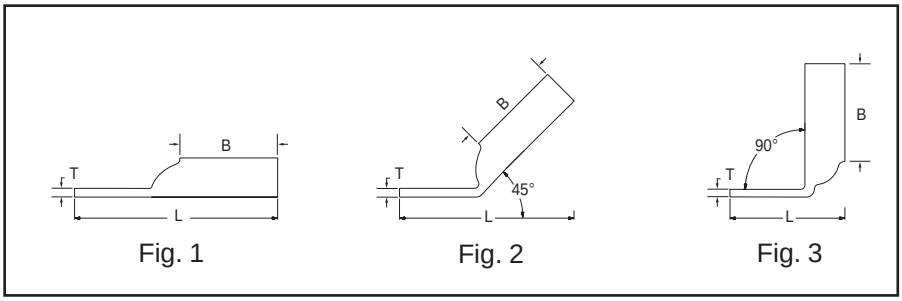
ONE HOLE HYLUG™ FLEX CONDUCTOR LONG BARREL WITH INSPECTION WINDOW

TYPES YAZ, YAZV

COPPER COMPRESSION TERMINAL

UL Listed 90° C,
600 Volts to 35 KV ◆





Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAZ8C-TC10	1	37/24 #8 WELD #8 AWG	** 10	# 10	.41″	.75″	.08″	1.58″	Y1MR (2) Y8MRB-1 (2) Y2MR (2) MY29-3 (2) MY29-11 (2) MRC840 (2)	W8CVT (2) W8CRT (2) X8CRT (2)	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (2)	Red	49	7/16″
YAZ8C-TC10-45	2							1.47″							
YAZ8C-TC10-90	3							.75″							
YAZ8C-TC14	1			1/4″	.44″	.75″	.08″	1.7″							
YAZ8C-TC14-45	2							1.58″							
YAZ8C-TC14-90	3							.87″							
YAZ8C-TC38	1			3/8″	.58″	.75″	.06″	1.89″							
YAZ8C-TC38-45	2							1.72″							
YAZ8C-TC38-90	3							1.05″							
YAZV6CTC14FX	1	61/24 #6 WELD #6 AWG	** 16	1/4″	.48″	.75″	.08″	2.03″	Y1MR(2) Y2MR (2) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644M (1)	W5CVT (2) W5CRT (2) X5CRT (2)	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	Blue	7	1-3/16″
YAZV6CTC14FX45	2							1.83″							
YAZV6CTC14FX90	3							.89″							
YAZV6CTC38FX	1			3/8″	.58″	.75″	.06″	2.22″							
YAZV6CTC38FX45	2							1.97″							
YAZV6CTC38FX90	3							1.06″							
YAZV4CTC14FX	1	91/24 105/24 #4 WELD #4 AWG	-	1/4″	.55″	1.25″	.09″	2.21″	Y1MR (4) Y2MR (4) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644M (1)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2)	Gray	8	1-5/16″
YAZV4CTC14FX45	2							1.97″							
YAZV4CTC14FX90	3							.93″							
YAZV4CTC38FX	1			3/8″	.58″	1.25″	.08″	2.39″							
YAZV4CTC38FX45	2							2.13″							
YAZV4CTC38FX90	3							1.11″							
YAZV2CTC14FX	1	125/24 150/24 #2 WELD #2 AWG	35	1/4″	.68″	1.38″	.10″	2.39″		W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	1-7/16″
YAZV2CTC14FX45	2							2.13″							
YAZV2CTC14FX90	3							.98″							
YAZV2CTC38FX	1			3/8″	.68″	1.38″	.10″	2.57″							
YAZV2CTC38FX45	2							2.31″							
YAZV2CTC38FX90	3							1.16″							
YAZV2CTC12FX	1			1/2″	.83″	1.38″	.09″	3.01″							
YAZV2CTC12FX45	2							2.75″							
YAZV2CTC12FX90	3							1.6″							
YAZV1CTC14FX	1	175/24	-	1/4″	.75″	1.38″	.12″	2.42″	MY29-3 (2) MY29-11 (2) MRC840 (2) Y644M (1)	W1CRT-1 (2) W1CVT (2) X1CRT-1 (2)	W1CRT-1 (2) W1CVT (2) X1CRT-1 (2)	U1CRT-1 (2)	Green	11	11/16″
YAZV1CTC14FX45	2							2.19″							
YAZV1CTC14FX90	3							1.02″							

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

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

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

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

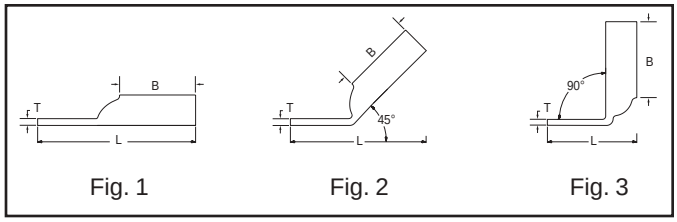

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAZV1CTC516FX	1	225/24 #1 WELD #1 AWG	-	5/16″	.75″	1.38″	.12″	2.47″	MY29-11 (2) Y644M (1)	W1CRT-1 (2) W1CVT (2) X1CRT-1 (2)	W1CRT-1 (2) W1CVT (2) X1CRT-1 (2)	U1CRT-1 (2)	Green	11	1-7/16″
YAZV1CTC516FX45	2							2.24″							
YAZV1CTC516FX90	3							1.08″							
YAZV1CTC38FX	1			3/8″	.75″	1.38″	.12″	2.60″							
YAZV1CTC38FX45	2							2.37″							
YAZV1CTC38FX90	3							1.20″							
YAZV25TC14FX	1	275/24 1/0 WELD 1/0 AWG	50	1/4″	.83″	1.50″	.12″	2.58″		W25VT (4) W25RT (4) X25RT (4)	W25VT (4) W25RT (4) X25RT (4)	U25RT (2)	Pink	12	1-9/16″
YAZV25TC14FX45	2							2.30″							
YAZV25TC14FX90	3							1.04″							
YAZV25TC38FX	1			3/8″	.83″	1.50″	.12″	2.76″							
YAZV25TC38FX45	2							2.48″							
YAZV25TC38FX90	3							1.23″							
YAZV25TC12FX	1			1/2″	.83″	1.50″	.12″	3.20″							
YAZV25TC12FX45	2							2.92″							
YAZV25TC12FX90	3							1.66″							
YAZV26TC14FX	1	325/24 2/0 WELD 2/0 AWG	70	1/4″	.93″	1.50″	.13″	2.58″		W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13	1-9/16″
YAZV26TC14FX45	2							2.30″							
YAZV26TC14FX90	3							1.04″							
YAZV26TC38FX	1			3/8″	.93″	1.50″	.13″	2.76″							
YAZV26TC38FX45	2							2.48″							
YAZV26TC38FX90	3							1.23″							
YAZV26TC12FX	1			1/2″	.93″	1.50:	.13″	3.20″							
YAZV26TC12FX45	2							2.92″							
YAZV26TC12FX90	3							1.66″							
YAZV27TC38FX	1	450/24 3/0 WELD 3/0 AWG	95	3/8″	1.03″	1.50″	.14″	2.80″		W27RT (4) W27VT (4) X27RT (4)	W27RT (4) W27VT (4) X27RT (4)	U27RT (2)	Orange	14	1-9/16″
YAZV27TC38FX45	2							2.52″							
YAZV27TC38FX90	3							1.25″							
YAZV28NT38FX	1	550/24 4/0 WELD 4/0 AWG	** 120	3/8″	.94″	1.62″	.14″	2.96″		W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15	1-11/16″
YAZV28NT38FX-45	2							2.67″							
YAZV28NT38FX-90	3							1.30″							
YAZV28TC38FX	1			3/8″	1.14″	1.62″	.14″	2.96″							
YAZV28TC38FX45	2							2.67″							
YAZV28TC38FX90	3							1.30″							
YAZV28TC12FX	1			1/2″	1.14″	1.62″	.14″	3.18″							
YAZV28TC12FX45	2							2.89″							
YAZV28TC12FX90	3							1.52″							
YAZV29NT516FX	1	550/24 4/0 WELD	-	5/16″	.96″	2.00″	.16″	2.87″		W29VT (4) X29RT (8)	W29RT (4) W29VT (4) X29RT (8)	U29RT (2)	Yellow	16	2-1/16″
YAZV29NT516FX-45	2							2.60″							
YAZV29NT516FX-90	3							1.21″							
YAZ30TC38FX	1	250 FLEX CLASS G 259 STR. CLASS H 427 STR.	-	3/8″	1.20″	2.00″	.16″	3.42″	Y644M (1)	W29VT (4) X29RT (8)	W29RT (4) W29VT (4) X29RT (8)	U29RT (2)	Yellow	16	2-1/16″
YAZ30TC38FX-45	2							3.05″							
YAZ30TC38FX-90	3							1.37″							
YAZ31TC38FX	1	262.2 FLEX 637/24 CLASS I, K, M	150	3/8″	1.28″	2.00″	.18″	3.45″		W30VT (4)	W30VT (4) W30RT (4)	U30RT (4)	White	17	2-1/16″
YAZ31TC38FX45	2							3.10″							
YAZ31TC38FX90	3							1.41″							
YAZ32TC38FX	1	775/24 313.1 kcmil 300 FLEX	185	3/8″	1.55″	2.12″	.19″	3.62″		W31VT (4)	W31VT (4) W31RT (4)	U31RT (4)	Blue	19	2-3/16″
YAZ32TC38FX45	2							3.25″							
YAZ32TC38FX90	3							1.46″							

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

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

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

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

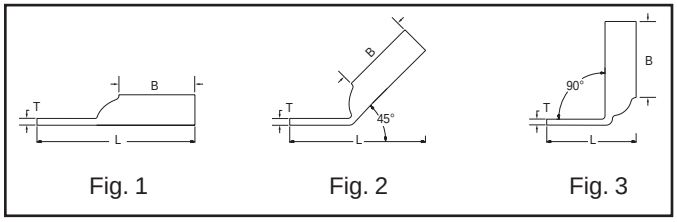

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750 Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAZ34NT38FX	1	925/24 373.3 kcmil 350 FLEX	240	3/8″	.96″	2.25″	.23″	3.85″	Y644M (1)	W32VT (4)	W32VT (4) W32RT (4)	U32RT (4)	Blue	19	2-5/16″
YAZ34NT38FX-45	2							3.5″							
YAZ34NT38FX-90	3							1.54″							
YAZ34TC38FX	1			3/8″	1.52″	2.25″	.23″	3.85″							
YAZ34TC38FX45	2							3.5″							
YAZ34TC38FX90	3							1.54″							
YAZ34TC12FX	1			1/2″	1.52″	2.25″	.23″	4.29″							
YAZ34TC12FX45	2							3.94″							
YAZ34TC12FX90	3							1.98″							
YAZ36TC38FX	1	1100/24 444.4 kcmil 450 FLEX	-	3/8″	1.72″	2.69″	.26″	4.55″		-	-	U34RT (4)	Brown	20	2-3/4″
YAZ36TC38FX45	2							4.14″							
YAZ36TC38FX90	3							1.81″							
YAZ38NT38FX	1	1325/24 535.3 kcmil 500 FLEX	300	3/8″	1.63″	2.81″	.27″	4.72″		-	-	U38XRT (4)	Pink	L99	2-7/8″
YAZ38NT38FX-45	2							4.26″							
YAZ38NT38FX-90	3							1.84″							
YAZ38TC38FX	1			3/8″	1.81″	2.81″	.27″	4.72″							
YAZ38TC38FX45	2							4.26″							
YAZ38TC38FX90	3							1.84″							
YAZ38NT12FX	1			1/2″	1.63″	2.81″	.27″	4.97″							
YAZ38NT12FX-45	2							4.51″							
YAZ38NT12FX-90	3							2.09″							
YAZ38TC12FX	1			1/2″	1.81″	2.81″	.27″	4.97″							
YAZ38TC12FX45	2							4.51″							
YAZ38TC12FX90	3							2.09″							

* Use PUADP-1 adapter with "U" dies in Y46 HYPRESS™. Catalog # PUADP-1 adapter is required to use "U" dies in Y46 series tools.

*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.

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

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

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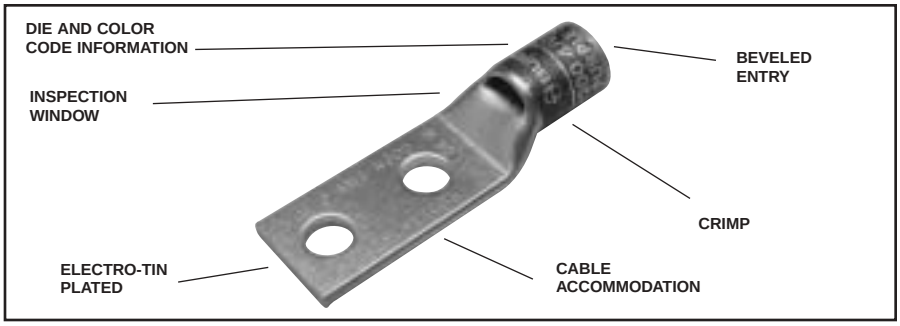
TWO HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL

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

COPPER COMPRESSION TERMINAL

UL Listed 90° C,
600 Volts to 35 KV ◆



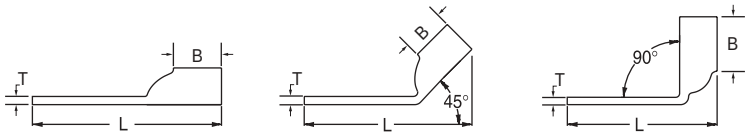


Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAV102TC10	1	#14-10 STR #12-10 SOL	6	# 10	5/8″	.38″	.38″	.06″	1.72″	Y8MRB-1 (1)	-	-	-			7/16″
YAV102TC10-45	2								1.70″							
YAV102TC10-90	3								1.33″							
YAV102TC14	1			1/4″	5/8″	.47″	.38″	.06″	1.84″							
YAV102TC14-45	2								1.81″							
YAV102TC14-90	3								1.45″							
YAV102TC14E1	1			1/4″	1″	.47″	.38″	.05″	2.22″							
YAV102TC14E2	1			1/4″	3/4″	.47″	.38″	.05″	1.97″							
YAV102TC38	1			3/8″	1″	.56″	.38″	.04″	2.40″							
YAV102TC38-45	2								2.34″							
YAV102TC38-90	3								2.01″							
YA8CL-2TC10	1	#8 AWG #8 WELD 37/24 #6 SOL	† 10	# 10	5/8″	.41″	.44″	.08″	1.83″	Y1MR (1) Y2MR (1) Y8MRB-1 (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	1/2″
YA8CL-2TC10-45	2								1.83″							
YA8CL-2TC10-90	3								1.37″							
YA8CL-2TC10E2	1			# 10	3/4″	.41″	.44″	.08″	1.95″							
YA8CL-2TC10E2-45	2								1.96″							
YA8CL-2TC10E2-90	3								1.50″							
YA8CL-2TC14	1			1/4″	5/8″	.41″	.44″	.08″	1.95″							
YA8CL-2TC14-45	2								1.94″							
YA8CL-2TC14-90	3								1.49″							
YA8CL-2TC14E1	1			1/4″	1″	.41″	.44″	.08″	2.33″							
YA8CL-2TC14E1-45	2								2.32″							
YA8CL-2TC14E1-90	3								1.87″							
YA8CL-2TC14E2	1			1/4″	3/4″	.41″	.44″	.08″	2.08″							
YA8CL-2TC14E2-45	2								2.07″							
YA8CL-2TC14E2-90	3								1.62″							
YA8CL-2TC38	1			3/8″	1″	.57″	.44″	.06″	2.52″							
YA8CL-2TC38-45	2								2.46″							
YA8CL-2TC38-90	3								2.05″							
YA8C-2LN	1			1/2″	1-3/4″	0.83	.44″	.12″	3.75″							
YA8C-2LN-45	2								3.83″							
YA8C-2LN-90	3								3.27″							

-- Color code not assigned.
* 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 referenced here is for both Class 2 and Class 5.

▲ 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.

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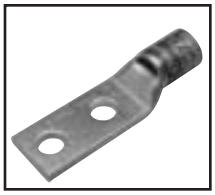
TWO HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL (Continued)



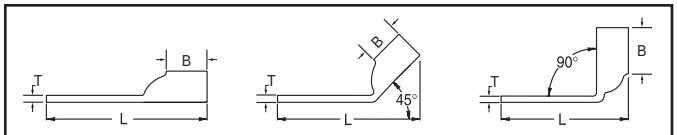


Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA6C-2L	1	6 AWG	-	1/4″	5/8″	.45″	.54″	.08″	2.01″	Y1MR (1) Y2MR (1) MY29-3 (1) MY29-11 (1) MRC840 (1)	W5CVT (1) W5CRT (1) X5CRT (1) X8CART (1)	W5CVT (1) W5CRT (1) X5CRT (1) X8CART (1)	U5CRT (1) U8CABT (1)	Blue	7	7/8″
YA6C-2L-45	2								1.98″							
YA6C-2L-90	3								1.45″							
YA6C-2LN	1			1/2″	1-3/4″	.81″		.12″	3.87″							
YA6C-2LN-45	2								3.91″							
YA6C-2LN-90	3								3.28″							
YA6CL-2TC10	1			# 10	5/8″	.42″		.09″	1.94″							
YA6CL-2TC10-45	2								1.94″							
YA6CL-2TC10-90	3								1.39″							
YA6CL-2TC14	1			1/4″	5/8″	.45″		.08″	2.07″							
YA6CL-2TC14-45	2								2.04″							
YA6CL-2TC14-90	3								1.51″							
YA6CL-2TC14E	1			1/4″	1/2″	.45″		.08″	1.94″							
YA6CL-2TC14E-45	2								1.91″							
YA6CL-2TC14E-90	3								1.38″							
YA6CL-2TC14E1	1			1/4″	1″	.45″		.08″	2.44″							
YA6CL-2TC14E1-45	2								2.41″							
YA6CL-2TC14E1-90	3								1.88″							
YA6CL-2TC14E2	1			1/4″	3/4″	.44″		.08″	2.19″							
YA6CL-2TC14E2-45	2								2.16″							
YA6CL-2TC14E2-90	3								1.63″							
YA6CL-2TC38	1			3/8″	1″	.63″		.06″	2.63″							
YA6CL-2TC38-45	2								2.56″							
YA6CL-2TC38-90	3								2.06″							
YA6C-2L51	1			# 10	1/2″	.42″		.09″	1.79″							
YA6C-2L51-45	2								1.78″							
YA6C-2L51-90	3								1.23″							
YA6CL-2TC516	1			5/16″	1″	.52″		.07″	2.51″							
YA6CL-2TC516-45	2								2.45″							
YA6CL-2TC516-90	3								1.94″							
YA6CL-2TC516E2	1			5/16″	3/4″	.52″		.07″	2.26″							
YA6CL-2TC516E2-45	2								2.20″							
YA6CL-2TC516E2-90	3								1.69″							
YA6C-2L52	1			1/4″	1/2″	.45″		.08″	1.88″							
YA6C-2L52-45	2								1.85″							
YA6C-2L52-90	3								1.32″							
YA5C-2L	1	5 AWG		1/4″	5/8″	.44″	.81″	.07″	2.28″							
YA5C-2L-45	2								2.15″							
YA5C-2L-90	3								1.44″							
YA4C-2L	1	4 AWG	-	1/4″	5/8″	.49″	.81″	.09″	2.30″	Y1MR (2) Y2MR (2) MY29-3 (1) MY29-11 (1) MRC840 (1) Y644M (1)	W4CVT (1) W4CRT (1) X4CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	U4CRT (1) U6CABT (1)	Gray	8	7/8″
YA4C-2L-45	2								2.21″							
YA4C-2L-90	3								1.48″							
YA4CL-2TC14	1			1/4″	5/8″	.49″	.81″	.09″	2.36″							
YA4CL-2TC14-45	2								2.27″							
YA4CL-2TC14-90	3								1.54″							
YA4CL-2TC38	1			3/8″	1″	.58″	.81″	.08″	2.96″							
YA4CL-2TC38-45	2								2.82″							
YA4CL-2TC38-90	3								2.09″							
YA4CL-2TC14E1	1			1/4″	1″	.49″	.81″	.09″	2.74″							
YA4CL-2TC14E1-45	2								2.65″							
YA4CL-2TC14E1-90	3								1.91″							

-- Color code not assigned.
▲ See tooling section of this catalog for complete tool and die listings.

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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.

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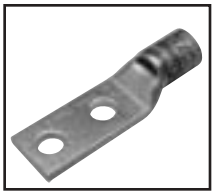
TWO HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL (Continued)



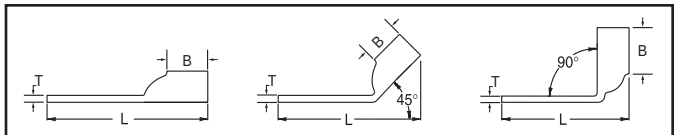


Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA4C-2LN	1	4 AWG	-	1/2″	1-3/4″	.83″	.81″	.12″	4.14″	Y1MR (2) MY29-3 (1) MY29-11 (1) MRC840 (1) Y644M (1)	W4CVT (1)	X4CRT (1)	U4CRT (1)	Gray	8	7/8″
YA4C-2LN-45	2								4.10″							
YA4C-2LN-90	3								3.30″							
YA4CL-2TC14E2	1			1/4″	3/4″	.49″	.81″	.09″	2.49″							
YA4CL-2TC14E2-45	2								2.40″							
YA4CL-2TC14E2-90	3								1.66″							
YA4CL-2TC516	1			5/16″	1″	.52″	.81″	.09″	2.80″							
YA4CL-2TC516-45	2								2.69″							
YA4CL-2TC516-90	3								1.97″							
YA3CL-2TC14	1	3 AWG	25	1/4″	5/8″	.55″	.81″	.09″	2.45″		W3CRT (1)	W3CRT (1)	U3CRT (1)	White	9	15/16″
YA3CL-2TC14-45	2								2.33″							
YA3CL-2TC14-90	3								1.55″							
YA3C-2L	1			5/16″	5/8″	.55″	.88″	.09″	2.64″							
YA3C-2L-45	2								2.52″							
YA3C-2L-90	3								1.74″							
YA3CL-2TC38	1			3/8″	1″	.58″	.88″	.08″	3.06″							
YA3CL-2TC38-45	2								2.90″							
YA3CL-2TC38-90	3								2.11″							
YA2C-2L	1	2 AWG	35	5/16″	3/4″	.60″	.88″	.11″	2.67″		W2CVT (1) W2CRT (1) X2CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	U2CRT (1)	Brown	10	15/16″
YA2C-2L-45	2								2.57″							
YA2C-2L-90	3								1.77″							
YA2C-2LN	1			1/2″	1-3/4″	.83″	.88″	.11″	4.27″							
YA2C-2LN-45	2								4.19″							
YA2C-2LN-90	3								3.14″							
YA2CL-2TC14	1			1/4″	5/8″	.60″	.88″	.11″	2.47″							
YA2CL-2TC14-45	2								2.38″							
YA2CL-2TC14-90	3								1.58″							
YA2CL-2TC14E1	1			1/4″	1″	.60″	.88″	.11″	2.85″							
YA2CL-2TC14E1-45	2								2.77″							
YA2CL-2TC14E1-90	3								1.96″							
YA2CL-2TC14E2	1			1/4″	3/4″	.60″	.88″	.11″	2.60″							
YA2CL-2TC14E2-45	2								2.51″							
YA2CL-2TC14E2-90	3								1.71″							
YA2CL-2TC38	1			3/8″	1″	.60″	.88″	.11″	3.03″							
YA2CL-2TC38-45	2								2.94″							
YA2CL-2TC38-90	3								2.15″							
YA2CL-2TC516	1			5/16″	1″	.60″	.88″	.11″	2.91″							
YA2CL-2TC516-45	2								2.82″							
YA2CL-2TC516-90	3								2.02″							
YA1C-2LN	1	1 AWG	50	1/2″	1-3/4″	.81″	.88″	.12″	4.32″	Y1MR (2) MY29-3 (1) MY29-11 (1) MRC840 (1) Y644M (1)	W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	U1CRT-1 (1) U4CABT (1)	Green	11	15/16″
YA1C-2LN-45	2								4.23″							
YA1C-2LN-90	3								3.36″							
YA1C-2L	1			5/16″	7/8″	.68″	.88″	.10″	2.82″							
YA1C-2L-45	2								2.71″							
YA1C-2L-90	3								1.92″							
YA1CL-2TC14	1			1/4″	5/8″	.68″	.88″	.10″	2.51″							
YA1CL-2TC14-45	2								2.40″							
YA1CL-2TC14-90	3								1.60″							
YA1CL-2TC14E2	1			1/4″	3/4″	.68″	.88″	.10″	2.64″							
YA1CL-2TC14E2-45	2								2.52″							
YA1CL-2TC14E2-90	3								1.73″							

-- Color code not assigned.
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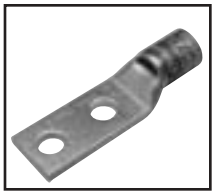
TWO HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL (Continued)



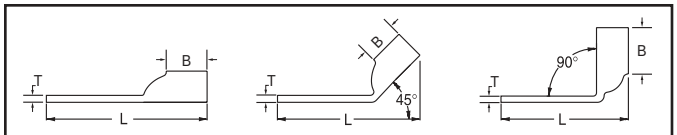


Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA1CL-2TC38	1								3.07″	MY29-3 (1)						
YA1CL-2TC38-45	2		-	3/8″	1	.68″	.88″	.10″	2.96″	MY29-11 (1)	W1CVT (1)	X1CRT-1 (1)	U1CRT (1)	Green	11	15/16″
YA1CL-2TC38-90	3								2.17″	MRC840 (1)						
										Y644M (1)						
YA25-2L	1								2.85″							
YA25-2L-45	2			5/16″	7/8″	.75″	.88″	.12″	2.77″							
YA25-2L-90	3								1.95″							
YA252LN	1								4.29″							
YA252LN-45	2			1/2″	1-3/4″	.83″	.88″	.11″	4.20″							
YA252LN-90	3								3.38″							
YA25L-2TC14	1								2.64″							
YA25L-2TC14-45	2			1/4″	5/8″	.75″	.88″	.12″	2.45″		W25VT (2)	W25VT (2)	U25RT (1)	Pink	12	15/16″
YA25L-2TC14-90	3	1/0 AWG	-						1.58″		W25RT (2)	W25RT (2)	U2CABT (1)			
YA25L-2TC14E1	1								3.01″		X25RT (2)	X25RT (2)				
YA25L-2TC14E1-45	2			1/″4	1	.75″	.88″	.12″	2.91″							
YA25L-2TC14E1-90	3								1.95″							
YA25L-2TC14E2	1								2.66″							
YA25L-2TC14E2-45	2			1/4″	3/4″	.75″	.88″	.12″	2.58″							
YA25L-2TC14E2-90	3								1.70″							
YA25L-2TC38	1								3.10″							
YA25L-2TC38-45	2			3/8″	1	.75″	.88″	.12″	3.02″							
YA25L-2TC38-90	3								2.14″							
YA26-2L	1								2.95″							
YA26-2L-45	2			5/16″	7/8″	.83″	.94″	.12″	2.84″							
YA26-2L-90	3								1.98″							
YA262LN	1								4.39″	MY29-3 (1)						
YA262LN-45	2			1/2″	1-3/4″	.83″	.94″	.12″	4.27″	MY29-11 (1)						
YA262LN-90	3								3.41″	MRC840 (2)						
YA26L-2TC14	1								2.64″	Y644M (1)						
YA26L-2TC14-45	2			1/4″	5/8″	.83″	.94″	.12″	2.52″		W26VT (2)	W26VT (2)				
YA26L-2TC14-90	3	2/0 AWG	70						1.66″		W26RT (2)	W26RT (2)	U26RT (1)	Black	13	1″
YA26L-2TC14E1	1								3.01″		X26RT (2)	X26RT (2)				
YA26L-2TC14E1-45	2			1/4″	1	.83″	.94″	.12″	2.90″							
YA26L-2TC14E1-90	3								2.04″							
YA26L-2TC14E2	1								2.76″							
YA26L-2TC14E2-45	2			1/4″	3/4″	.83″	.94″	.12″	2.65″							
YA26L-2TC14E2-90	3								1.79″							
YA26L-2TC38	1								3.20″							
YA26L-2TC38-45	2			3/8″	1	.83″	.94″	.12″	3.09″							
YA26L-2TC38-90	3								2.22″							
YA272LN	1								4.48″							
YA272LN-45	2			1/2″	1-3/4″	.91″	1.00″	.13″	4.35″							
YA272LN-90	3								3.44″							
YA27L-2TC14E2	1								2.86″		W27VT (2)	W27VT (2)				
YA27L-2TC14E2-45	2	3/0 AWG	-	1/4″	3/4″	.91″	1.00″	.12″	2.73″		W27RT (2)	W27RT (2)	U27RT (1)	Orange	14	1-1/16″
YA27L-2TC14E2-90	3								1.81″		X27RT (3)	X27RT (3)				
YA27L-2TC38	1								3.30″							
YA27L-2TC38-45	2			3/8″	1	.91″	1.00″	.12″	3.17″							
YA27L-2TC38-90	3								2.25″							

-- Color code not assigned.
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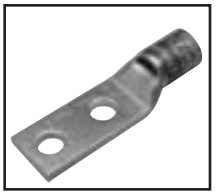

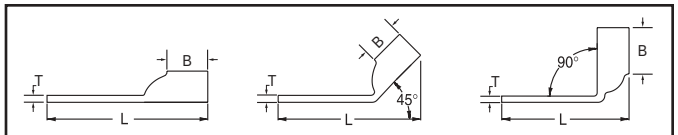

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA28-2L516	1	4/0 AWG	-	5/16″	1-3/4″	1.02″	.88″	.14″	3.84″	MY29-3 (1) MY29-11 (1) MRC840 (2) Y644M (1)	W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/8″
YA28-2L516-45	2								3.77″							
YA28-2L516-90	3								2.92″							
YA282LN	1			1/2″	1-3/4″	1.02″	.88″	.14″	4.41″							
YA282LN-45	2								4.34″							
YA282LN-90	3								3.49″							
YA28L-2TC14E1	1			1/4″	1″	1.02″	.88″	.14″	3.03″							
YA28L-2TC14E1-45	2								2.96″							
YA28L-2TC14E1-90	3								2.11″							
YA28L-2TC14E2	1			1/4″	3/4″	1.02″	.88″	.14″	2.78″							
YA28L-2TC14E2-45	2								2.71″							
YA28L-2TC14E2-90	3								1.86″							
YA28L-2TC38E2	1			3/8″	3/4″	1.02″	.88″	.14″	2.97″							
YA28L-2TC38E2-45	2								2.90″							
YA28L-2TC38E2-90	3								2.05″							
YA28L-2TC38	1			3/8″	1″	1.02″	.88″	.14″	3.22″							
YA28L-2TC38-45	2								3.15″							
YA28L-2TC38-90	3								2.30″							
YA292LN	1	250 kcmil	-	1/2″	1-3/4″	1.11″	1.06″	.16″	4.62″	MY29-3 (1) MY29-11 (1) Y644M (1)	W29VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16	1-1/8″
YA292LN-45	2								4.52″							
YA292LN-90	3								3.52″							
YA29L-2TC38	1			3/8″	1″	1.11″	1.06'	.16″	3.45″							
YA29L-2TC38-45	2								3.33″							
YA29L-2TC38-90	3								2.34″							
YA302LN	1	300 kcmil	150	1/2″	1-3/4″	1.20″	1.03″	.16″	4.63″	Y644M (1)	W30VT (2)	W30VT (2) W30RT (2)	U30RT (2) U28ART (2)	White	17	1″
YA302LN-45	2								4.55″							
YA302LN-90	3								3.56″							
YA30L-2TC-38	1			3/8″	1″	1.20″	1.03″	.16″	3.45″							
YA30L-2TC-38-45	2								3.36″							
YA30L-2TC-38-90	3								2.37″							
YA312LN	1	350 kcmil	185	1/2″	1-3/4″	1.29″	1.06″	.18″	4.70″		W31VT (2)	W31VT (2) W31RT (2)	U31RT (2) U29ART (2)	Red	18	1-1/8″
YA312LN-45	2								4.62″							
YA312LN-90	3								3.60″							
YA31L-2TC12	1			1/2″	1-1/4″	1.29	1.06″	.18″	4.01″							
YA31L-2TC12-45	2								3.93″							
YA31L-2TC12-90	3								2.91″							
YA31L-2TC14E2	1			1/4″	3/4″	1.29″	1.06″	.18″	3.07″							
YA31L-2TC14E2-45	2								2.99″							
YA31L-2TC14E2-90	3								1.97″							
YA31L-2TC38	1			3/8″	1″	1.29″	1.06″	.18″	3.51″							
YA31L-2TC38-45	2								3.43″							
YA31L-2TC38-90	3								2.41″							
YA31L-2NTC516	1			5/16″	1-3/4″	1.29″	1.06″	.18″	4.13″							
YA31L-2NTC516-45	2								4.06″							
YA31L-2NTC516-90	3								3.03″							
YA322LN	1	400 kcmil		1/2″	1-3/4″	1.38″	1.19″	.19″	4.88″		W32VT (2)	W32VT (2) W32RT (2)	U32RT (2) U30ART (2)	Blue	19	1-1/4″
YA322LN-45	2								4.78″							
YA322LN-90	3								3.64″							

-- Color code not assigned.
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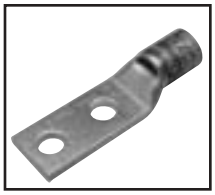

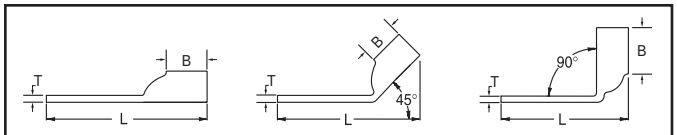

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA32L-2TC38E5	1	400 kcmil		3/8″	1-1/16″	1.40″	1.19″	.19″	3.75″	Y644M (1)	W32VT (2)	W32VT (2) W32RT (2)	U32RT (2) U30ART (2)	Blue	19	1-1/4″
YA32L-2TC38E5-45	2								3.66″							
YA32L-2TC38E5-90	3								2.52″							
YA32L-2TC38				3/″8	1″	1.38″	1.19″	.19″	3.69″							
YA32-2L	1			3/8″	1″	1.40″	1.19″	.19″	3.75″							
YA32-2L-45	2								3.66″							
YA32-2L-90	3								2.52″							
YA33-2LN	1	450 kcmil		1/2″	1-3/4″	1.48″	1.50″	.21″	5.23″		W33VT (2)	W33VT (2) W33RT (2)	U33RT (2)	Gray	326	1-9/16″
YA33-2LN-45	2								5.10″							
YA33-2LN-90	3								3.70″							
YA342LN	1	500 kcmil	240	1/2″	1-3/4″	1.52″	1.27″	.23″	5.06″		W34VT (2)	W34VT (2) W34RT (2)	U34RT (2) U31ART (2)	Brown	20	1-7/16″
YA342LN-45	2								5.00″							
YA342LN-90	3								3.73″							
YA34L-2TC12	1			1/2″	1-1/4″	1.52″	1.27″	.23″	4.38″							
YA34L-2TC12-45	2								4.31″							
YA34L-2TC12-90	3								3.04″							
YA34L-2TC14E2	1			1/4″	3/4″	1.52″	1.27″	.23″	3.44″							
YA34L-2TC14E2-45	2								3.37″							
YA34L-2TC14E2-90	3								2.10″							
YA34L-2TC38	1			3/8″	1″	1.52″	1.27″	.23″	3.88″							
YA34L-2TC38-45	2								3.81″							
YA34L-2TC38-90	3								2.54″							
YA34-2L	1			3/8″	1″	1.55″	1.27″	.23″	3.94″							
YA34-2L-45	2								3.87″							
YA34-2L-90	3								2.59″							
YA35-2L	1	550 kcmil	-	3/8″	1-1/8″	1.65″	1.69″	.25″	4.64″		-	-	U35RT (2)	Yellow	21	1-3/4″
YA35-2L-45	2								3.95″							
YA35-2L-90	3								2.60″							
YA35-2LN	1			1/2″	1-3/4″	1.65″	1.69″	.25″								
YA35-2LN-45	2								5.07″							
YA35-2LN-90	3								3.73″							
YA362LN	1	600 kcmil	300	1/2″	1-3/4″	1.74″	1.38″	.27″	4.36″		-	-	U36RT (2) U32ART (2)	Green	22	1-3/4″
YA362LN45	2								5.21″							
YA362LN90	3								3.81″							
YA36L-2TC38	1			3/8″	1″	1.73″	1.38″	.27″	4.23″							
YA36L-2TC38-45	2								4.21″							
YA36L-2TC38-90	3								2.81″							
YA37-2L	1	650 kcmil	-	3/8″	1-1/8″	1.80″	1.39″	.27″	4.40″		-	-	U37RT (2)	Orange	23	1-15/16″
YA37-2L-45	2								4.37″							
YA37-2L-90	3								2.96″							
YA37-2LN	1			1/2″	1-3/4″	1.80″	1.39″	.27″	5.27″							
YA37-2LN-45	2								5.25″							
YA37-2LN-90	3								3.84″							
YA38-2L	1	700 kcmil	-	3/8″	1-1/8″	1.84″	1.45″	.27″	4.48″		-	-	U38RT (2)	Pink	400	1-15/16″
YA38-2L-45	2								4.42″							
YA38-2L-90	3								3.23″							
YA38-2LN	1			1/2″	1-3/4″	1.81″	1.45″	.27″	5.35″							
YA38-2LN-45	2								5.29″							
YA38-2LN-90	3								3.84″							

-- Color code not assigned.
▲ See tooling section of this catalog for complete tool and die listings.
◆ For applications greater than 2000 volts consult cable manufacturer for voltage stress relief instructions.

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

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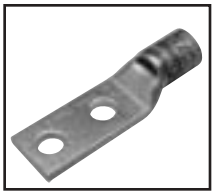
TWO HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL (Continued)



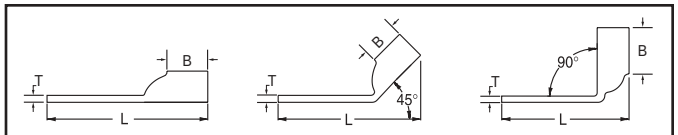


Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA38L-2TC12	1	700 kcmil	-	1/2″	1-1/2″	1.81″	1.45″	.27″	4.67″	Y644M (1)	-	-	U38RT (2)	Pink	400	1-15/16″
YA38L-2TC12-45	2								4.61″							
YA38L-2TC12-90	3								3.16″							
YA38L-2TC38	1			3/8″	1″	1.81″	1.45″	.27″	4.35″							
YA38L-2TC38-45	2								4.30″							
YA38L-2TC38-90	3								2.84″							
YA392L	1	750 kcmil	-	3/8″	1-1/8″	1.91″	1.42″	.27″	4.48″		-	-	U39RT (2) P39RT (2) **	Black	24	1-15/16″
YA392L-45	2								4.43″							
YA392L-90	3								3.00″							
YA392LN	1			1/2″	1-3/4″	1.89″	1.42″	.27″	5.36″							
YA392LN45	2								5.31″							
YA392LN-90	3								3.87″							
YA39L-2TC12E3	1			1/2″	1-1/2″	1.89″	1.42″	.27″	4.92″							
YA39L-2TC12E3-45	2								4.87″							
YA39L-2TC12E3-90	3								3.43″							
YA39L-2TC38	1			3/8″	1″	1.89″	1.42″	.27″	4.36″							
YA39L-2TC38-45	2								4.31″							
YA39L-2TC38-90	3								2.87″							
YA39L-2TC58	1			5/8″	1-1/2″	1.89″	1.42″	.27″	5.17″							
YA39L-2TC58-45	2								5.12″							
YA39L-2TC58-90	3								3.68″							
YA40-2L	1	800 kcmil	400	3/8″	1-1/8″	1.98″	1.42″	.30″	4.63″		-	-	P40RT (3) **	Orange	25	1-15/16″
YA40-2L-45	2								4.51″							
YA40-2L-90	3								3.04″							
YA402LN	1			1/2″	1-3/4″	1.89″	1.42″	.30″	5.51″							
YA402LN-45	2								5.39″							
YA402LN-90	3								3.91″							
YA40L-2TC38	1			3/8″	1″	1.95″	1.42″	.30″	4.51″							
YA40L-2TC38-45	2								4.38″							
YA40L-2TC38-90	3								2.91″							
YA41-2L	1	850 kcmil	-	3/8″	1-1/8″	2.01″	1.88″	.31″	4.97″		-	-	-	Gold	26	1-15/16″
YA41-2L-45	2								4.86″							
YA41-2L-90	3								3.05″							
YA442LN	1	1000 kcmil	500	1/2″	1-3/4″	2.17″	1.65″	.33″	5.74″		-	-	** P44RT (3)	White	27	1-15/16″
A442LN-45	2								5.71″							
YA442LN-90	3								4.02″							
YA44-2L	1			1/2″	1-1/4″	2.19″	1.65″	.33″	5.24″							
YA44-2L-45	2								5.21″							
YA44-2L-90	3								3.52″							
YA44L-2TC12	1			1/2″	1-1/4″	2.17″	1.65″	.33″	5.05″							
YA44L-2TC12-45	2								5.02″							
YA44L-2TC12-90	3								3.33″							

-- Color code not assigned.
▲ See tooling section of this catalog for complete tool and die listings.
◆ For applications greater than 2000 volts consult cable manufacturer for voltage stress relief instructions.
* Use PUADP-1 adapter with "U" dies in Y46 HYPRESS™.
** P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adapter not required.
*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.

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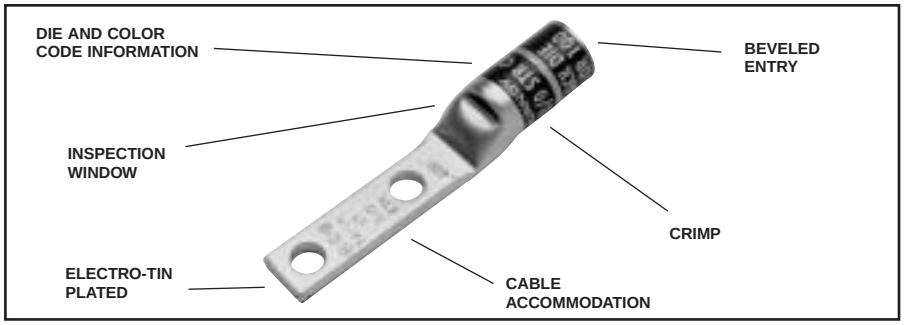
TWO HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL NARROW TONGUE

TYPES YA-L-2NT

COPPER COMPRESSION TERMINAL

UL Listed 90° C,
600 Volts to 35 KV ◆



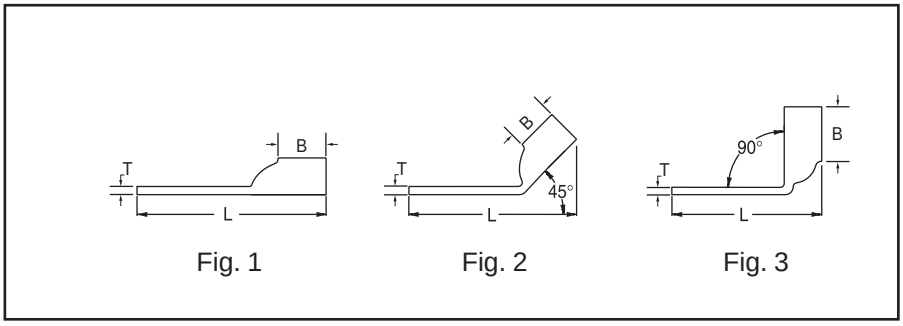


Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA2CL2NT14	1	#2 AWG	35	1/4″	5/8″	.48″	.88″	.11″	2.47″	MRC840 (1) MY29-3 (1) MY29-11 (1) Y2MR (2) Y644M (1) Y1MR (2)	W2CVT (1)	W2CVT (1)	U2CRT (1)	Brown	10	15/16
YA2CL2NT1445	2								2.38″							
YA2CL2NT1490	3								1.58″							
YA2CL2NT14E2	1			1/4″	3/4″	.48″	.88″	.11″	2.60″							
YA2CL2NT14E1	1			1/4″	1″	.48″	.88″	.11″	2.84″							
YA2CL2NT14E145	2								2.76″							
YA2CL2NT14E190	3								1.96″							
YA1CL2NT14E2	1	#1 AWG	50	1/4″	3/4″	.50″	.88″	.10″	2.68″	MRC840 (1) MY29-3 (1) MY29-11 (1) Y1MR (2) Y644M (1)	W1CVT (1)	W1CRT (1)	U1CRT (1)	Green	11	15/16″
YA25L2NT14E1	1	1/0 AWG	-	1/4″	1″	.48″	.88″	.12″	3.28″	MRC840 (2) MY29-3 (1) MY29-11 (1) Y644M (1)	W25VT (2)	W25VT (1)	U25RT (1)	Pink	12	15/16″
YA25L2NT14E145	2								2.83″							
YA25L2NT14E190	3								1.95″							
YA26L2NT14	1	2/0 AWG	70	1/4″	5/8″	.48″	.94″	0.12	2.66″	MRC840 (2) MY29-3 (1) MY29-11 (1) Y644M (1)	W26VT (2)	W26VT (1) X26RT (1)	U26RT (1)	Black	13	1″
YA26L2NT14E1	1		-	1/4″	1″	.48″	.94″	.12″	3.03″							
YA31L2NT38	1	350 kcmil	185	3/8″	1″	.96″	1.06″	.18″	3.51″	Y644M (1)	W31VT (4)	W31VT (4)	U31RT (2)	Red	18	1-1/8″
YA34L2NT38	1	500 kcmil	240	3/8″	1″	.96″	1.27″	.23″	3.65″		W34VT (4)	W34VT (4)	U34RT (2)	Brown	20	1-7/16″
YA39L2NT38	1	750 kcmil	-	3/8″	1″	1.63″	1.42″	.27″	4.34″		-	-	U39RT (2)	Black	24	1-1/2″
YA39L2NT3845	2								4.31″							
YA39L2NT3890	3								2.87″							

* Use PUADP-1 adapter with "U" dies in Y46 HYPRESS™.
*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.

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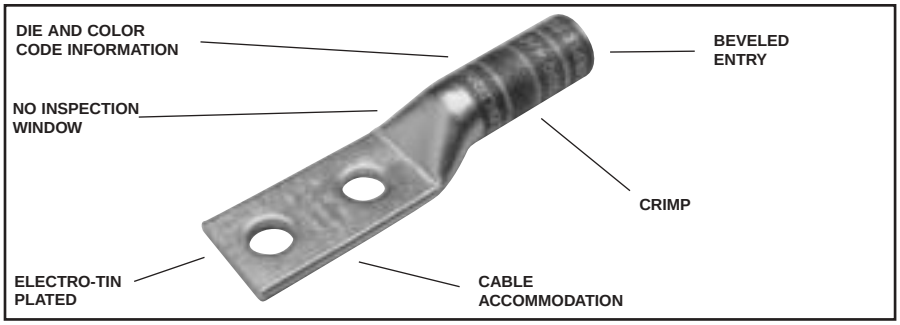
TWO HOLE HYLUG™ CODE CONDUCTOR LONG BARREL

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

UL Listed 90° C,
600 Volts to 35 KV ◆



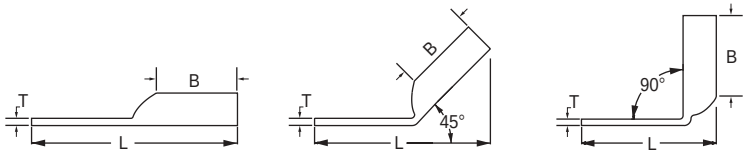


Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA8C2TC14	1	#8 STR.	†	1/4″	5/8″	.40″			2.33″	Y2MR (2) Y8MRB-1 (2) MY29-3 (2) MY29-11 (2) MRC840 (2)	W8CVT (2) W8CRT (2) X8CRT (2)	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (1)	Red	49	1″
YA8C2TC14-45	2					.40″	.81″	.08″	2.20″							
YA8C2TC14-90	3					.41″			1.49″							
YA8C2TC14E2	1	#6 SOL 37/24	10	1/4″	3/4″	.41″			2.45″							
YA8C2TC14E2-45	2					.41″	.81″	.08″	2.33″							
YA8C2TC14E2-90	3					.41″			1.62″							
YA8C2TC38	1			3/8″	1″	.73″			2.89″							
YA8C2TC38-45	2					.73″	.81″	.06″	2.72″							
YA8C2TC38-90	3					.73″			2.05″							
YA6C2N	1	#6 AWG	-	1/2″	1-3/4″	.81″			4.40″	Y1MR (2) Y2MR (2) MY29-3 (2) MY29-11 (2) MRC840 (2)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	U5CRT (2) U8CABT (2)	Blue	7	1-3/16″
YA6C2N-45	2					.81″	1.12″	.12″	4.29″							
YA6C2N-90	3					.81″			3.28″							
YA6C2TC14	1			1/4″	5/8″	.45″			2.65″							
YA6C2TC14-45	2					.45″	1.12″	.08″	2.45″							
YA6C2TC14-90	3					.45″			1.51″							
YA6C2TC14E1	1			1/4″	1″	.45″			3.03″							
YA6C2TC14E1-45	2					.45″	1.12″	.08″	2.83″							
YA6C2TC14E1-90	3					.45″			1.88″							
YA6C2TC14E2	1			1/4″	3/4″	.45″			2.78″							
YA6C2TC14E2-45	2					.45″	1.12″	.08″	2.58″							
YA6C2TC14E2-90	3					.45″			1.63″							
YA6C2TC38	1			3/8″	1″	.63″			3.22″							
YA6C2TC38-45	2					.63″	1.12″	.06″	2.97″							
YA6C2TC38-90	3					.63″			2.06″							
YA6C2TC38E2	1			3/8″	3/4″	.63″			2.97″							
YA6C2TC38E2-45	2					.63″	1.12″	.06″	2.72″							
YA6C2TC38E2-90	3					.63″			1.81″							
YA6C2TC38E6	1			3/8″	7/8″	.63″			3.09″							
YA6C2TC38E6-45	2					.63″	1.12″	.06″	2.85″							
YA6C2TC38E6-90	3					.63″			1.94″							

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

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TWO HOLE HYLUG™ CODE CONDUCTOR LONG BARREL (Continued)

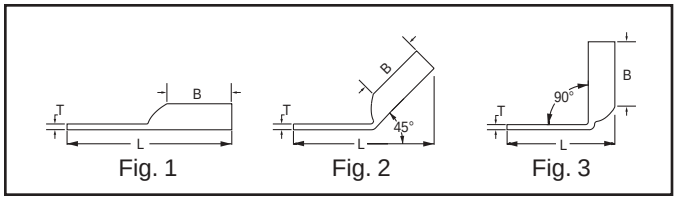

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA5C2N	1	5 AWG	-	1/2″	1-3/4″	.83″	1.12″	.12″	4.43″	MY29-3 (2) MY29-1 (2) MRC840 (2) Y644M (1)	W5CRT (2) W5CVT (2) X5CRT (2)	X5CRT (2) X5CVT (2) W5CRT (2)	U5CRT (2)	Blue	7	1-3/16″
YA5C2N-45	2								4.31″							
YA5C2N-90	3								3.28″							
YA4C2N	1	4 AWG	-	1/2″	1-3/4″	.81″	1.12″	.12″	4.45″	Y1MR (4) Y2MR (4) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644M (1)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	Gray	8	1-3/16″
YA4C2N-45	2								4.32″							
YA4C2N-90	3								3.30″							
YA4C2TC14	1			1/4″	5/8″	.50″	1.12″	.09″	2.70″							
YA4C2TC14-45	2								2.51″							
YA4C2TC14-90	3								1.54″							
YA4C2TC14E2	1			1/4″	3/4″	.50″	1.12″	.09″	2.83″							
YA4C2TC14E2-45	2								2.64″							
YA4C2TC14E2-90	3								1.66″							
YA4C2TC38	1			3/8″	1″	.56″	1.12″	.08″	3.26″							
YA4C2TC38-45	2								3.03″							
YA4C2TC38-90	3								2.09″							
YA3C2N	1	#3 STR # 3 AWG #2 SOL	25	1/2″	1-3/4″	.81″	1.25″	.12″	4.62″		W3CRT (2)	W3CRT (2)	U3CRT (2)	White	9	1-5/16″
YA3C2N-45	2								4.44″							
YA3C2N-90	3								3.32″							
YA3C2TC14	1			1/4″	5/8″	.55″	1.25″	.09″	2.87″							
YA3C2TC14-45	2								2.62″							
YA3C2TC14-90	3								1.55″							
YA3C2TC14E2	1			1/4″	3/4″	.55″	1.25″	.09″	2.99″							
YA3C2TC14E2-45	2								2.75″							
YA3C2TC14E2-90	3								1.68″							
YA3C2TC38	1			3/8″	1″	.58″	1.25″	.08″	3.43″							
YA3C2TC38-45	2								3.16″							
YA3C2TC38-90	3								2.11″							
YA3C2TC38E2	1			3/8″	3/4″	.58″	1.25″	.08″	3.18″							
YA3C2TC38E2-45	2								2.91″							
YA3C2TC38E2-90	3								1.86″							
YA2C2N	1	#2 AWG	35	1/2″	1-3/4″	.81″	1.25″	.12″	4.64″		W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	1-5/16″
YA2C2N-45	2								4.46″							
YA2C2N-90	3								3.34″							
YA2C2TC14	1			1/4″	5/8″	.60″	1.25″	.11″	2.86″							
YA2C2TC14-45	2								2.66″							
YA2C2TC14-90	3								1.58″							
YA2C2TC14E2	1			1/4″	3/4″	.60″	1.25″	.11″	2.98″							
YA2C2TC14E2-45	2								2.78″							
YA2C2TC14E2-90	3								1.71″							
YA2C2TC38E2	1			3/8″	3/4″	.60″	1.25″	.11″	3.17″							
YA2C2TC38E2-45	2								2.97″							
YA2C2TC38E2-90	3								1.90″							
YA2C2TC516E2	1			5/16″	3/4″	.60″	1.25″	.11″	3.05″							
YA2C2TC516E2-45	2								2.84″							
YA2C2TC516E2-90	3								1.77″							
YA2C2NTC38	1			3/8″	1-3/4″	.60″	1.25″	.11″	4.17″							
YA2C2NTC38-45	2								3.97″							
YA2C2NTC38-90	3								2.90″							

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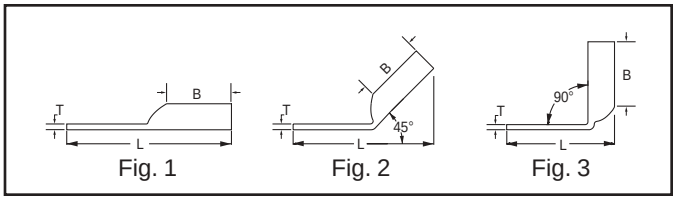

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA2C2TC38	1	#2 AWG	35	3/8″	1″	.60″	1.25″	.11″	3.42″	Y1MR (4) Y2MR (4) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644M (1)	W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	1-5/16″
YA2C2TC38-45	2								3.22″							
YA2C2TC38-90	3								2.14″							
YA2C2TC38E6	1			3/8″	7/8″	.60″	1.25″	.11″	3.30″							
YA2C2TC38E6-45	2								3.10″							
YA2C2TC38E6-90	3								2.02″							
YA2C2TC516E2	1			5/16″	3/4″	.60″	1.25″	.11″	3.05″							
YA2C2TC516E2-45	2								2.84″							
YA2C2TC516E2-90	3								1.77″							
YA1C2N	1	1 AWG	50	1/2″	1-3/4″	.81″	1.38″	.12″	4.82″	Y1MR (4) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644M (1)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	U1CRT-1 (2) U4CABT (2)	Green	11	1-1/2″
YA1C2N-45	2								4.58″							
YA1C2N-90	3								3.36″							
YA1C2TC14	1			1/4″	5/8″	.68″	1.38″	.10″	3.03″							
YA1C2TC14-45	2								2.76″							
YA1C2TC14-90	3								1.60″							
YA1C2TC14E2	1			1/4″	3/4″	.75″	1.38″	.10″	3.15″							
YA1C2TC14E2-45	2								2.88″							
YA1C2TC14E2-90	3								1.73″							
YA1C2TC38	1			3/8″	1″	.68″	1.38″	.10″	3.59″							
YA1C2TC38-45	2								3.32″							
YA1C2TC38-90	3								2.16″							
YA252N	1	1/0 AWG	-	1/2″	1-3/4″	.81″	1.38″	.11’	4.81″	MY29-3 (2) MY29-11 (2) MRC840 (4) Y644M (1)	W25VT (4) W25RT (4) X25RT (4)	W25VT (4) W25RT (4) X25RT (4)	U25RT (2) U2CABT (2)	Pink	12	1-7/16″
YA252N-45	2								4.56″							
YA252N-90	3								3.38″							
YA252TC14	1			1/4″	5/8″	.75″	1.38″	.12″	3.05″							
YA252TC14-45	2								2.82″							
YA252TC14-90	3								1.64″							
YA252TC14E2	1			1/4″	3/4″	.75″	1.38″	.12″	3.18″							
YA252TC14E2-45	2								2.94″							
YA252TC14E2-90	3								1.76″							
YA252TC38	1			3/8″	1″	.75″	1.38″	.12″	3.62″							
YA252TC38-45	2								3.38″							
YA252TC38-90	3								2.20″							
YA252TC516	1			5/16″	1″	.75″	1.38″	.12″	3.49″							
YA252TC516-45	2								3.26″							
YA252TC516-90	3								2.08″							
YA252NTC38	1			3/8″	1-3/4″	.75″	1.38″	.12″	4.37″							
YA252NTC38-45	2								4.13″							
YA252NTC38-90	3								2.95″							
YA262N	1	2/0 AWG	70	1/2″	1-3/4″	.83″	1.50″	.12″	4.97″		W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13	1-9/16″
YA262N-45	2								4.69″							
YA262N-90	3								3.41″							
YA262TC14	1			1/4″	5/8″	. .83″	1.50″	.12″	3.22″							
YA262TC14-45	2								2.94″							
YA262TC14-90	3								1.66″							
YA262TC14E2	1			1/4″	3/4″	. .83″	1.50″	.12″	3.34″							
YA262TC14E2-45	2								3.06″							
YA262TC14E2-90	3								1.79″							

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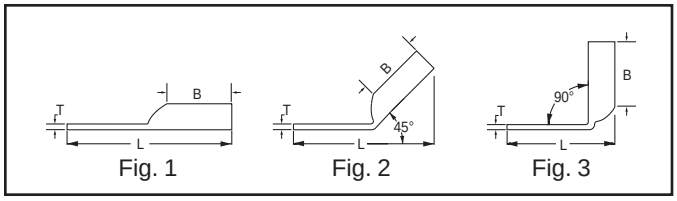

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA262TC38	1	2/0 AWG	70	3/8″	1″	.83″	1.50″	.12″	3.78″	MY29-3 (2) MY29-11 (2) MRC840 (4) Y644M (1)	W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13	1-9/16″
YA262TC38-45	2								3.50″							
YA262TC38-90	3								2.22″							
YA272N	1	3/0 AWG	-	1/2″	1-3/4″	.91″	1.50″	.13″	5.01″		W27VT (4) W27RT (4) X27RT (6)	W27VT (4) W27RT (4) X27RT (6)	U27RT (2)	Orange	14	1-9/16″
YA272N-45	2								4.73″							
YA272N-90	3								3.44″							
YA272TC14E2	1			1/4″	3/4″	.91″	1.50″	.12″	3.38″							
YA272TC14E2-45	2								3.10″							
YA272TC14E2-90	3								1.82″							
YA272TC38	1			3/8″	1″	.90″	1.50″	.12″	3.82″							
YA272TC38-45	2								3.54″							
YA272TC38-90	3								2.25″							
YA282N	1	4/0 AWG	-	1/2″	1-3/4″	1.02″	1.62″	.14″	5.17″		W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15	1-11/16″
YA282N-45	2								4.88″							
YA282N-90	3								3.49″							
YA282TC38	1			3/8″	1″	1.02″	1.62″	.14″	3.99″							
YA282TC38-45	2								3.69″							
YA282TC38-90	3								2.30″							
YA282TC14E2	1			1/4″	3/4″	1.02″	1.62″	.14″	3.55″							
YA282TC14E2-45	2								3.25″							
YA282TC14E2-90	3								1.86″							
YA282NTC38	1			3/8″	1-3/4″	1.02″	1.62″	.14″	4.74″							
YA282NTC38-45	2								4.44″							
YA282NTC38-90	3								3.05″							
YA292N	1	250 kcmil	-	1/2″	1-3/4″	1.11″	1.62″	.16″	5.21″	MY29-3 (2) MY29-11 (2) Y644M (1)	W29VT (4) X29RT (8)	W29VT (4) W29RT (4) X29RT (8)	U29RT (2)	Yellow	16	1-11/16″
YA292N-45	2								4.94″							
YA292N-90	3								3.52″							
YA292TC38	1			3/8″	1″	1.10″	1.62″	.16″	4.02″							
YA292TC38-45	2								3.75″							
YA292TC38-90	3								2.34″							
YA302TC38	1	300 kcmil	150	3/8″	1″	1.20″	2.00″	.16″	4.45″	Y644M (1)	W30VT (4)	W30VT (4) W30RT (4)	U30RT (4) U28ART (4)	White	17	2″
YA302TC38-45	2								4.07″							
YA302TC38-90	3								2.37″							
YA302N	1			1/2″	1-3/4″	1.20″	2.00″	.16″	5.64″							
YA302N-45	2								5.26″							
YA302N-90	3								3.56″							
YA312N	1	350 kcmil	185	1/2″	1-3/4″	1.29″	2.00″	.18″	5.68″		W31VT (4)	W31VT (4) W31RT (4)	U31RT (4) U29ART (4)	Red	18	2-1/16″
YA312N-45	2								5.31″							
YA312N-90	3								3.60″							
YA312TC14E2	1			1/4″	3/4″	1.29″	2.00″	.18″	4.05″							
YA312TC14E2-45	2								3.68″							
YA312TC14E2-90	3								1.97″							
YA312TC38	1			3/8″	1″	1.29″	2.00″	.18″	4.49″							
YA312TC38-45	2								4.12″							
YA312TC38-90	3								2.41″							
YA322N	1	400 kcmil	-	1/2″	1-3/4″	1.38″	2.12″	.19″	5.85″		W32VT (4)	W32VT (4) W32RT (4)	U32RT (4) U30ART (4)	Blue	19	2-3/16″
YA322N-45	2								5.47″							
YA322N-90	3								3.64″							

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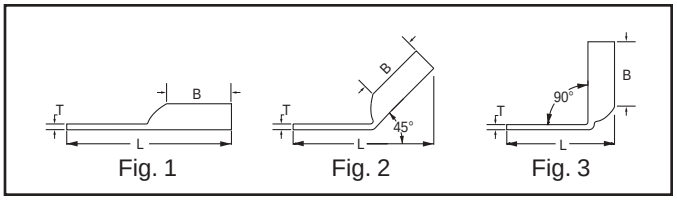

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA322TC38	1	400 kcmil	-	3/8″	1″	1.38″	2.12″	.19″	4.66″	Y644M (1)	W32VT (4)	W32VT (4) W32RT (4)	U32RT (4) U30RT (4)	Blue	19	2-3/16″
YA322TC38-45	2								4.28″							
YA322TC38-90	3								2.46″							
YA332N	1	450 kcmil	-	1/2″	1-3/4″	1.48″	2.12″	.21″	5.93″		W33VT (4)	W33VT (4) W33RT (4)	U33RT	Gray	326	2-3/16″
YA332N-45	2								5.57″							2-5/16
YA332N-90	3								3.70″							
YA342N	1	500 kcmil	240	1/2″	1-3/4″	1.52″	2.25″	.23″	6.06″		W34VT (4)	W34VT (4) W34RT (4)	U34RT (4) U31ART (4)	Brown	20	2-1/2″
YA342N-45	2								5.72″							
YA342N-90	3								3.73″							
YA342TC14E2	1			1/4″	3/4″	1.55″	2.25″	.23″	4.46″							
YA342TC14E2-45	2								4.09″							
YA342TC14E2-90	3								2.10″							
YA342TC38	1			3/8″	1″	1.55″	2.25″	.23″	4.90″							
YA342TC38-45	2								4.53″							
YA342TC38-90	3								2.54″							
YA352N	1	550 kcmil	-	1/2″	1-3/4″	1.65″	2.63″	.25″	6.49″		-	-	U35RT (4)	Yellow	21	2-11/16″
YA352N-45	2								6.06″							
YA352N-90	3								3.77″							
YA362N	1	600 kcmil	300	1/2″	1-3/4″	1.69″	2.69″	.27″	6.59″		-	-	U36RT (4) U32ART (4)	Green	22	2-3/4″
YA362N-45	2								6.17″							
YA362N-90	3								3.81″							
YA362TC38	1			3/8″	1″	1.74″	2.69″	.26″	5.59″							
YA362TC38-45	2								5.17″							
YA362TC38-90	3								2.81″							
YA372N	1	650 kcmil	-	1/2″	1-3/4″	1.80″	2.81″	.27″	6.74″		-	-	U37RT (4)	Orange	23	2-7/8″
YA372N-45	2								6.29″							
YA372N-90	3								3.84″							
YA382N	1	700 kcmil	-	1/2″	1-3/4″	1.84″	2.81″	.27″	6.77″		-	-	U38RT (4)	Pink	400	2-7/8″
YA382N-45	2								6.29″							
YA382N-90	3								3.84″							
YA382TC38	1			3/8″	1″	1.84″	2.81″	.27″	5.76″							
YA382TC38-45	2								5.29″							
YA382TC38-90	3								2.84″							
YA392N	1	750 kcmil	-	1/2″	1-3/4″	1.89″	2.88″	.27″	6.87″		-	-	U39RT (4) P39RT (4) **	Black	24	2-3/4″
YA392N-45	2								6.38″							
YA392N-90	3								3.87″							
YA392NT38	1			3/8″	1″	1.63″	2.88″	.27″	5.87″							
YA392NT38-45	2								5.38″							
YA392NT38-90	3								2.87″							
YA392TC38	1			3/8″	1″	1.91″	2.88″	.27″	5.87″							
YA392TC38-45	2								5.38″							
YA392TC38-90	3								2.87″							
YA402N	1	800 kcmil	400	1/2″	1-3/4″	1.95″	2.94″	.30″	6.95		-	-	P40RT (4) **	Orange	25	3″
YA402N-45	2								6.50″							
YA402N-90	3								3.91″							
YA412N	1	850 kcmil	-	1/2″	1-3/4″	2.01″	2.94″	.31″	6.96″		-	-	-	Gold	26	3″
YA412N-45	2								6.52″							
YA412N-90	3								3.93″							

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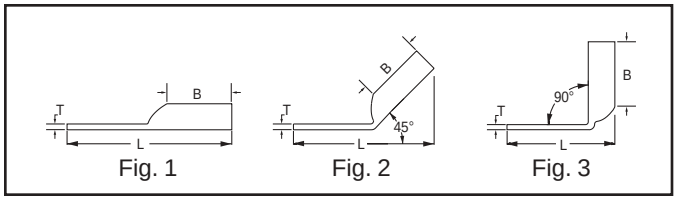

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA442N	1	1000 kcmil	500	1/2″	1-3/4″	2.17″	3.00″	.33″	7.14″	Y644M (1)	-	-	P44RT (4) **	White	27	3-1/16″
YA442N-45	2								6.71″							
YA442N-90	3								4.02″							
YA442TC38	1			3/8″	1″	2.19″	3.00″	.33″	6.14″							
YA442TC38-45	2								5.71″							
YA442TC38-90	3								3.02″							
YA452N	1	1250 kcmil	-	1/2″	1-3/4″	2.46″	3.19″	.38″	7.44″		-	-	P45RT (6) **	Yellow	29	3-1/4″
YA452N-45	2								7.03″							
YA452N-90	3								4.13″							
YA4532N	1	1300 kcmil	-	1/2″	1-3/4″	2.53″	3.19″	.39″	7.48″		-	-	-	Orange	30	3-1/4″
YA4532N-45	2								7.07″							2-1/16″
YA4532N-90	3								4.16″							
YA462N	1	1500 kcmil	-	1/2″	1-3/4″	2.67″	3.19″	.40″	7.55″		-	-	P46RT (6) **	Green	31	3-1/4″
YA462N-45	2								7.15″							
YA462N-90	3								4.22″							
YA472N	1	1750 kcmil	-	1/2″	1-3/4″	2.90″	3.44″	.42″	7.89″		-	-	-	Gray	33	3-1/2″
YA472N-45	2								7.45″							
YA472N-90	3								4.30″							
YA482N	1	2000 kcmil	-	1/2″	1-3/4″	3.10″	3.44″	.46″	7.98″		-	-	-	Brown	34	3-1/2″
YA482N-45	2								7.60″							
YA482N-90	3								4.40″							

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

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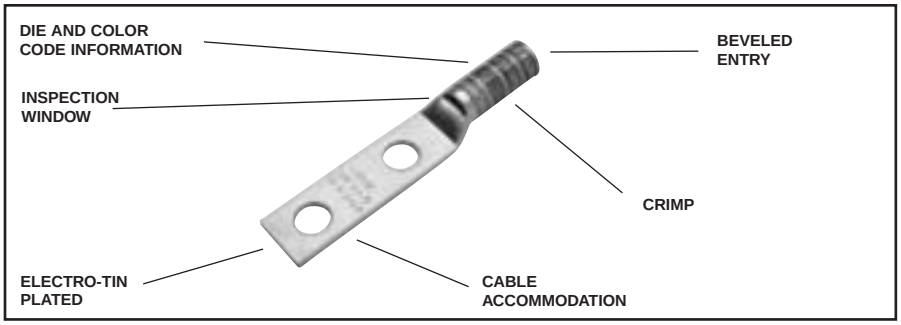
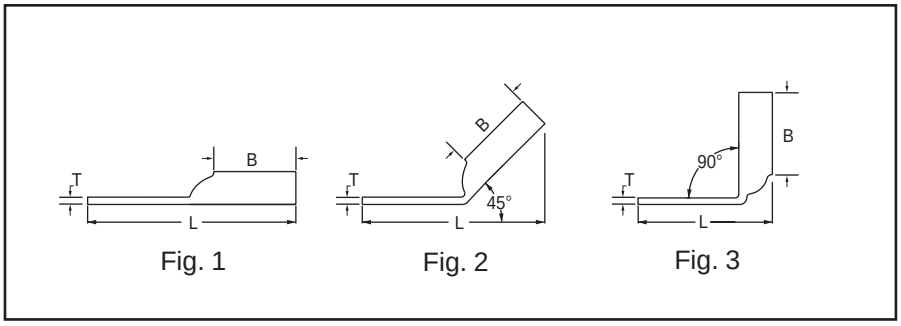
TWO HOLE HYLUG™ CODE CONDUCTOR LONG BARREL WITH INSPECTION WINDOW

TYPES YAZ-2N, YAZ-2TC

UL Listed 90° C,
600 Volts to 35 KV ◆





Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAZV10-2TC14	1	14-10 AWG	6	1/4″	5/8″	.41″	.69″	.05″	2.16″	Y8MRB-1 (2)	-	-	-	-	-	3/4″
YAZV10-2TC14-45	2								2.03″							
YAZV10-2TC14-90	3								1.45″							
YAZV10-2TC14E2	1			1/4″	3/4″	.41″	.69″	.05″	2.28″							
YAZV10-2TC14E2-45	2								2.16″							
YAZV10-2TC14E2-90	3								1.58″							
YAZ8C-2TC10	1	#8 STR #6 SOL 37/24	† 10	#10	5/8″	.41″	.75″	.08″	2.20″	Y1MR (2) Y8MRB-1 (2) Y2MR (2) MY29-3 (2) MY29-11 (2) MRC840 (2)	W8CVT (2) W8CRT (2) X8CRT (2)	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (2)	Red	49	7/8″
YAZ8C-2TC10-45	2								2.09″							
YAZ8C-2TC10-90	3								1.37″							
YAZ8C-2TC10E2	1			#10	3/4″	.41″	.75″	.08″	2.33″							
YAZ8C-2TC10E2-45	2								2.22″							
YAZ8C-2TC10E2-90	3								1.50″							
YAZ8C-2TC14	1			1/4″	5/8″	.44″	.75″	.08″	2.33″							
YAZ8C-2TC14-45	2								2.20″							
YAZ8C-2TC14-90	3								1.49″							
YAZ8C-2TC14E2	1			1/4″	3/4″	.44″	.75″	.08″	2.45″							
YAZ8C-2TC14E2-45	2								2.33″							
YAZ8C-2TC14E2-90	3								1.62″							
YAZ8C-2TC14E1	1			1/4″	1″	.44″	.75″	.08″	2.70″							
YAZ8C-2TC14E1-45	2								2.58″							
YAZ8C-2TC14E1-90	3								1.87″							
YAZ8C-2TC38	1			3/8″	1″	.58″	.75″	.06″	2.89″							
YAZ8C-2TC38-45	2								2.72″							
YAZ8C-2TC38-90	3								2.05″							
YAZ6C-2N	1	#6 AWG	-	1/2″	1-3/4″″	.83″	1.12″	.12″	4.40″	Y2MR (2) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644M (1) Y1MR (2)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	W5CVT (2) X5CRT (2) X5CRT (2) X8CART (2)	U5CRT (2) U8CABT (2)	Blue	7 or 374	1-1/16″
YAZ6C-2N-45	2								4.29″							
YAZ6C-2N-90	3								3.28″							
YAZ6C-2TC10E2	1			#10	3/4″	.42″	1.12″	.09″	2.65″							
YAZ6C-2TC10E2-45	2								2.48″							
YAZ6C-2TC10E2-90	3								1.51″							

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

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

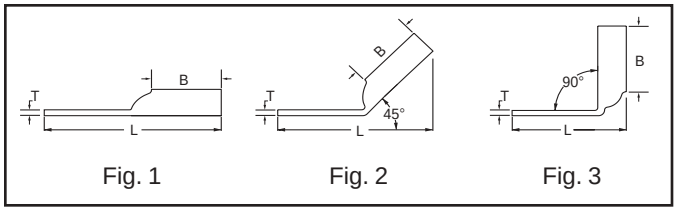

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAZ6C-2TC14	1	#6 AWG	-	1/4″	5/8″	.45″	1.12″	.08″	2.65″	Y1MR (2) Y2MR (2) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644M (2)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	W5CVT (2) X5CRT (2) X5CRT (2) X8CART (2)	U5CRT (2) U8CABT (2)	Blue	7 or 374	1-1/6″
YAZ6C-2TC14-45	2								2.45″							
YAZ6C-2TC14-90	3								1.51″							
YAZ6C-2TC14E2	1			1/4″	3/4″	.45″	1.12″	.08″	2.78″							
YAZ6C-2TC14E2-45	2								2.58″							
YAZ6C-2TC14E2-90	3								1.63″							
YAZ6C-2TC14E1	1			1/4″	1″	.45″	1.12″	.08″	3.03″							
YAZ6C-2TC14E1-45	2								2.83″							
YAZ6C-2TC14E1-90	3								1.63″							
YAZ6C-2TC38E2	1			3/8″	3/4″	.58″	1.12″	.06″	2.97″							
YAZ6C-2TC38E2-45	2								2.72″							
YAZ6C-2TC38E2-90	3								1.81″							
YAZ6C-2TC38E6	1			3/8″	7/8″	.58″	1.12″	.06″	3.09″							
YAZ6C-2TC38E6-45	2								2.85″							
YAZ6C-2TC38E6-90	3								1.94″							
YAZ6C-2TC38	1			3/8″	1″	.58″	1.12″	.06″	3.22″							
YAZ6C-2TC38-45	2								2.97″							
YAZ6C-2TC38-90	3								2.06″							
YAZ5C-2N	1	#5 AWG	-	1/2″	1-3/4″	.83″	1.12″	.12″	4.43″		W5CRT (2) W5CVT (2) X5CRT (2)	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	Blue	7 or 374	1/16″
YAZ5C-2N-45	2								4.31″							
YAZ5C-2N-90	3								3.28″							
YAZ4C-2N	1	#4 AWG	-	1/2″	1-3/4″	.83″	1.12″	.12″	4.42″	Y1MR (4) Y2MR (4) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644M (2)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	Gray	8 or 346	1-1/16″
YAZ4C-2N-45	2								4.30″							
YAZ4C-2N-90	3								3.30″							
YAZ4C-2TC10-E2	1			#10	3/4″	.49″	1.12″	.09″	2.67″							
YAZ4C-2TC10-E245	2								2.49″							
YAZ4C-2TC10-E290	3								1.54″							
YAZ4C-2TC14	1			1/4″	5/8″	.49″	1.12″	.09″	2.67″							
YAZ4C-2TC14-45	2								2.49″							
YAZ4C-2TC14-90	3								1.54″							
YAZ4C-2TC14E2	1			1/4″	3/4″	.49″	1.12″	.09″	2.80″							
YAZ4C-2TC14E2-45	2								2.61″							
YAZ4C-2TC14E2-90	3								1.66″							
YAZ4C-2TC38	1			3/8″	1″	. .58″	1.12″	.08″	3.23″							
YAZ4C-2TC38-45	2								3.01″							
YAZ4C-2TC38-90	3								2.09″							
YAZ3C-2N	1	#3 AWG #2 SOL	25	1/2″	1-3/4″	.83″	1.25″	.12″	4.58″		W3CRT (2)	W3CRT (2)	U3CRT (2)	White	9	1-5/16″
YAZ3C-2N-45	2								4.41″							
YAZ3C-2N-90	3								3.32″							
YAZ3C-2TC14	1			1/4″	5/8″	.55″	1.25″	.09″	2.83″							
YAZ3C-2TC14-45	2								2.59″							
YAZ3C-2TC14-90	3								1.55″							
YAZ3C-2TC14E2	1			1/4″	3/4″	.55″	1.25″	.09″	2.95″							
YAZ3C-2TC14E2-45	2								2.72″							
YAZ3C-2TC14E2-90	3								1.68″							
YAZ3C-2TC38E2	1			3/8″	3/4″	.58″	1.25″	.08″	3.14″							
YAZ3C-2TC38E2-45	2								2.88″							
YAZ3C-2TC38E2-90	3								1.86″							

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

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

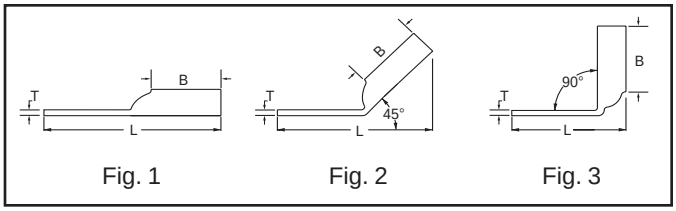

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAZ3C-2TC38	1	#3 AWG #2 SOL	25	3/8″	1″	.58″	1.25″	.08″	3.39″	Y1MR (4) Y2MR (4) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644M (1)	W3CRT (2)	W3CRT (2)	U3CRT (2)	White	9	1-5/16″
YAZ3C-2TC38-45	2								3.13″							
YAZ3C-2TC38-90	3								2.11″							
YAZ2C-2N	1	#2 AWG	35	1/2″	1-3/4″	.83″	1.25″	.12″	4.60″		W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	1-5/16″
YAZ2C-2N-45	2								4.32″							
YAZ2C-2N-90	3								3.32″							
YAZ2C-2TC10E2	1			#10	3/4″	.60″	1.25″	.11″	2.85″							
YAZ2C-2TC10E2-45	2								2.65″							
YAZ2C-2TC10E2-90	3								1.58″							
YAZ2C-2TC14	1			1/4″	5/8″	.60″	1.25″	.11″	2.85″							
YAZ2C-2TC14-45	2								2.65″							
YAZ2C-2TC14-90	3								1.58″							
YAZ2C-2TC14E2	1			1/4″	3/4″	.60″	1.25″	.11″	2.97″							
YAZ2C-2TC14E2-45	2								2.77″							
YAZ2C-2TC14E2-90	3								1.71″							
YAZ2C-2TC14E1	1			1/4″	1″	.60″	1.25″	.11″	3.22″							
YAZ2C-2TC14E1-45	2								3.02″							
YAZ2C-2TC14E1-90	3								1.96″							
YAZ2C-2TC516E2	1			5/16″	3/4″	.60″	1.25″	.11″	3.03″							
YAZ2C-2TC516E2-45	2								2.84″							
YAZ2C-2TC516E2-90	3								1.77″							
YAZ2C-2TC38E2	1			3/8″	3/4″	.60″	1.25″	.11″	3.16″							
YAZ2C-2TC38E2-45	2								2.96″							
YAZ2C-2TC38E2-90	3								1.90″							
YAZ2C-2TC38E6	1			3/8″	7/8″″	.60″	1.25″	.11″	3.28″							
YAZ2C-2TC38E6-45	2								3.09″							
YAZ2C-2TC38E6-90	3								2.02″							
YAZ2C-2TC38	1			3/8″	1″	.60″	1.25″	.11″	3.41″							
YAZ2C-2TC38-45	2								3.21″							
YAZ2C-2TC38-90	3								2.14″							
YAZ2C-2NTC38	1			3/8″	1-3/4″	.60″	1.25″	.11″	4.16″							
YAZ2C-2NTC38-45	2								3.96″							
YAZ2C-2NTC38-90	3								2.90″							
YAZ1C-2N	1	#1 AWG	50	1/2″	1-3/4″	.83″	1.38″	.12″	4.76″	Y1MR (4) MY29-3 (2) MY29-11 (2) MRC840 (2) Y644M (1)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	U1CRT-1 (2) U4CABT (2)	Green	11 or 375	1-7/16″
YAZ1C-2N-45	2								4.45″							
YAZ1C-2N-90	3								3.34″							
YAZ1C-2TC14	1			1/4″	5/8″	.67″	1.38″	.10″	3.01″							
YAZ1C-2TC14-45	2								2.75″							
YAZ1C-2TC14-90	3								1.60″							
YAZ1C-2TC14E2	1			1/4″	3/4″	.67″	1.38″	.10″	3.13″							
YAZ1C-2TC14E2-45	2								2.87″							
YAZ1C-2TC14E2-90	3								1.73″							
YAZ1C-2TC38	1			3/8″	1″	.67″	1.38″	.10″	3.57″							
YAZ1C-2TC38-45	2								3.31″							
YAZ1C-2TC38-90	3								2.16″							
YAZ25-2N	1	1/0 AWG	-	1/2″	1-3/4″	.83″	1.38″	.11″	4.79″	MY29-3 (2) MY29-11 (2) MRC840 (4) Y644M (1)	W25RT (4) W25VT (4) X25RT (4)	W25VT (4) X25RT (4) W25RT (4)	U25RT (2) U2CABT (2)	Pink	12 or 348	1-7/16″
YAZ25-2N-45	2								4.52″							
YAZ25-2N-90	3								3.38″							

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" Available undrilled. Add suffix "U" to catalog number (example: YA25U).
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

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

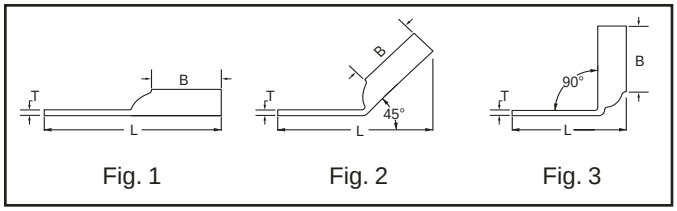

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAZ25-2TC14	1	1/0 AWG	-	1/4″	5/8″	.75″	1.38″	.12″	3.04″	MY29-3 (2) MY29-11 (2) MRC840 (4) Y644M (1)	W25RT (4) W25VT (4) X25RT (4)	W25VT (4) W25RT (4) W25RT (4)	U25RT (2) U2CABT (2)	Pink	12 or 348	1-7/16″
YAZ25-2TC14-45	2								2.81″							
YAZ25-2TC14-90	3								1.64″							
YAZ25-2TC14E2	1			1/4″	3/4″	.75″	1.38″	.12″	3.16″							
YAZ25-2TC14E2-45	2								2.93″							
YAZ25-2TC14E2-90	3								1.76″							
YAZ25-2TC14E1	1			1/4″	1″	.75″	1.38″	.12″	3.41″							
YAZ25-2TC14E1-45	2								3.18″							
YAZ25-2TC14E1-90	3								2.01″							
YAZ25-2TC516E6	1			5/16″	7/8″	.75″	1.38″	.12″	3.35″							
YAZ25-2TC516E6-45	2								3.12″							
YAZ25-2TC516E6-90	3								1.95″							
YAZ25-2TC516	1			5/16″	1″	.75″	1.38″	.12″	3.47″							
YAZ25-2TC516-45	2								3.24″							
YAZ25-2TC516-90	3								2.08″							
YAZ25-2TC38	1			3/8″	1″	.75″	1.38″	.12″	3.60″							
YAZ25-2TC38-45	2								3.37″							
YAZ25-2TC38-90	3								2.20″							
YAZ25-2NTC38	1			3/8″	1-3/4″	.75″	1.38″	.12″	4.35″							
YAZ25-2NTC38-45	2								4.12″							
YAZ25-2NTC38-90	3								2.95″							
YAZ26-2N	1	2/0 AWG	70	1/2″	1 3/4″	.83″	1.50″	.12″	4.95″		W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13	1-9/16″
YAZ26-2N-45	2								4.67″							
YAZ26-2N-90	3								3.41″							
YAZ26-2TC14	1			1/4″	5/8″	.83″	1.50″	.12″	3.20″							
YAZ26-2TC14-45	2								2.92″							
YAZ26-2TC14-90	3								1.66″							
YAZ26-2TC14E2	1			1/4″	3/4″	.83″	1.50″	.12″	3.32″							
YAZ26-2TC14E2-45	2								3.05″							
YAZ26-2TC14E2-90	3								1.79″							
YAZ26-2TC38	1			3/8″	1″	.83″	1.50″	.12″	3.76″							
YAZ26-2TC38-45	2								3.48″							
YAZ26-2TC38-90	3								2.22″							
YAZ27-2N	1	3/0 AWG	-	1/2″	1-3/4″	.91″	1.50″	.13″	4.98″		W27VT (4) W27RT (4) X27RT (6)	W27VT (4) W27RT (4) X27RT (6)	U27RT (2)	Orange	14	1-9/16″
YAZ27-2N-45	2								4.71″							
YAZ27-2N-90	3								3.44″							
YAZ27-2TC14E2	1			1/4″	3/4″	.90″	1.50″	.12″	3.36″							
YAZ27-2TC14E2-45	2								3.08″							
YAZ27-2TC14E2-90	3								1.82″							
YAZ27-2TC38	1			3/8″	1″	.90″	1.50″	.12″	3.80″							
YAZ27-2TC38-45	2								3.52″							
YAZ27-2TC38-90	3								2.25″							
YAZ28-2N	1	4/0 AWG	-	1/2″	1-3/4″	1.02″	1.62″	.14″	5.15″		W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15	1-11/16″
YAZ28-2N-45	2								4.86″							
YAZ28-2N-90	3								3.48″							
YAZ28-2TC14E2	1			1/4″	3/4″	1.02″	1.62″	.14″	3.55″							
YAZ28-2TC14E2-45	2								3.25″							
YAZ28-2TC14E2-90	3								1.86″							

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

*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
" Available undrilled. Add suffix "U" to catalog number (example: YA25U).

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

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

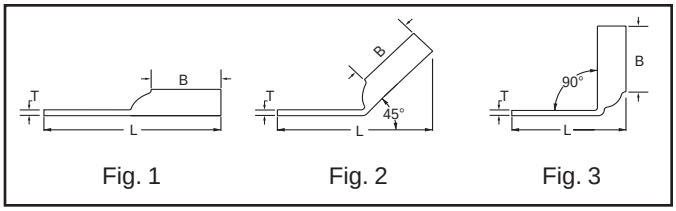

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAZ28-2TC38	1	4/0 AWG	-	3/8″	1″	1.02″	1.62″	.14″	3.99″	MY29-3 (2) MY29-11 (2) MRC840 (4) Y644M (1)	W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15	1-11/16″
YAZ28-2TC38-45	2								3.69″							
YAZ28-2TC38-90	3								2.30″							
YAZ28-2NTC38	1			3/8″	1-3/4″	1.02″	1.62″	.14″	4.74″							
YAZ28-2NTC38-45	2								4.44″							
YAZ28-2NTC38-90	3								3.05″							
YAZ29-2N	1	250 kcmil	-	1/2″	1-3/4″	1.10″	1.62″	.16″	5.18″	MY29-3 (2) MY29-11(2) Y644M (1)	W29VT (4) X29RT (8)	X29RT (8) W29VT (4) W29RT (4)	U29RT (2)	Yellow	16	1-11/16″
YAZ29-2N-45	2								4.92″							
YAZ29-2N-90	3								3.52″							
YAZ29-2TC38	1			3/8″	1″	1.10″	1.62″	.14″	3.99″							
YAZ29-2TC38-45	2								3.73″							
YAZ29-2TC38-90	3								2.34″							
YAZ30-2N	1	300 kcmil	150	1/2″	1-3/4″	1.20″	2.00″	.16″	5.60″	Y644M (1)	W30VT (4)	W30VT (4) W30RT (4)	U30RT (4) U28ART (4)	White	17 or 298	2-1/16″
YAZ30-2N-45	2								5.23″							
YAZ30-2N-90	3								3.56″							
YAZ30-2TC38	1			3/8″	1″	1.20″	2.00″	.16″	4.42″							
YAZ30-2TC38-45	2								4.04″							
YAZ30-2TC38-90	3								2.37″							
YAZ31-2N	1	350 kcmil	185	1/2″	1-3/4″	1.29″	2.00″	.18″	5.64″		W31VT (4)	W31VT (4) W31RT (4)	U31RT (4) U29ART (4)	Red	18 or 324	2-1/16″
YAZ31-2N-45	2								5.29″							
YAZ31-2N-90	3								3.60″							
YAZ31-2TC14E2	1			1/4″	3/4″	1.29″	2.00″	.18″	4.02″							
YAZ31-2TC14E2-45	2								3.66″							
YAZ31-2TC14E2-90	3								1.97″							
YAZ31-2TC38	1			3/8″	1″	1.29″	2.00″	.18″	4.45″							
YAZ31-2TC38-45	2								4.10″							
YAZ31-2TC38-90	3								2.41″							
YAZ32-2N	1	400 kcmil	-	1/2″	1-3/4″	1.40″	2.12″	.19″	5.81″		W32VT (4)	W32VT (4) W32RT (4)	U32RT (4) U30ART (4)	Blue	19 or 470	2/16″
YAZ32-2N-45	2								5.44″							
YAZ32-2N-90	3								3.64″							
YAZ32-2TC38	1			3/8″	1″	1.40″	2.12″	.19″	4.62″							
YAZ32-2TC38-45	2								4.25″							
YAZ32-2TC38-90	3								2.46″							
YAZ33-2N	1	450 kcmil	-	1/2″	1-3/4″	1.48″	2.13″	.21″	5.89″		W33VT (4)	W33VT (4) W33RT (4)	U33RT (4)	Gray	326 or 538	2-5/16″
YAZ33-2N-45	2								5.54″							
YAZ33-2N-90	3								3.70″							
YAZ34-2N	1	500 kcmil	240	1/2″	1-3/4″	1.55″	2.25″	.23″	6.04″		W34VT (4)	W34VT (4) W34RT (4)	U34RT (4) U31ART (4)	Brown	20 or 299	2-5/16″
YAZ34-2N-45	2								5.69″							
YAZ34-2N-90	3								3.73″							
YAZ34-2TC14E2	1			1/4″	3/4″	1.55″	2.25″	.23″	4.42″							
YAZ34-2TC14E2-45	2								4.06″							
YAZ34-2TC14E2-90	3								2.10″							
YAZ34-2TC38	1			3/8″	1″	1.55″	2.25″	.23″	4.85″							
YAZ34-2TC38-45	2								4.50″							
YAZ34-2TC38-90	3								2.54″							
YAZ35-2N	1	550 kcmil	-	1/2″	1-3/4″	1.65″	2.63″	.25″	6.45″		-	-	U35RT (4)	Yellow	21	2-11/16″
YAZ35-2N-45	2								6.03″							
YAZ35-2N-90	3								3.77″							

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

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

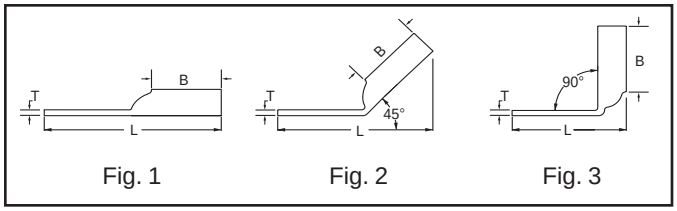

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAZ36-2N	1	600 kcmil	300	1/2″	1-3/4″	1.74″	2.69″	.27″	6.55″	Y644M (1)	-	-	U36RT (4) U32ART (4)	Green	22 or 472	2/4″
YAZ36-2N-45	2								6.14″							
YAZ36-2N-90	3								3.81″							
YAZ36-2TC38	1			3/8″	1″	1.74″	2.69″	.26″	5.55″							
YAZ36-2TC38-45	2								5.14″							
YAZ36-2TC38-90	3								2.81″							
YAZ37-2N	1	650 kcmil	-	1/2″	1-3/4″	1.80″	2.81″	.27″	6.70″		-	-	U37RT (4)	Orange	23	2-7/8″
YAZ37-2N-45	2								6.26″							
YAZ37-2N-90	3								3.84″							
YAZ38-2N	1	700 kcmil	-	1/2″	1-3/4″	1.84″	2.81″	.27″	6.72″		-	-	U38RT (4)	Pink	400	2-7/8″
YAZ38-2N-45	2								6.26″							
YAZ38-2N-90	3								3.84″							
YAZ39-2N	1	750 kcmil	-	1/2″	1-3/4″	1.91″	2.88″	.27″	6.82″		-	-	U39RT (4) P39RT (4) **	Black	24	2-15/16″
YAZ39-2N-45	2								6.34″							
YAZ39-2N-90	3								3.87″							
YAZ39-2NT38	1			3/8″	1″	1.63″	2.88″	.27″	5.82″							
YAZ39-2NT38-45	2								5.34″							
YAZ39-2NT38-90	3								2.87″							
YAZ39-2TC38	1			3/8″	1″	1.91″	2.88″	.27″	5.82″							
YAZ39-2TC38-45	2								5.34″							
YAZ39-2TC38-90	3								2.87″							
YAZ39-2NNT	1			1/2″	1-3/4″	1.63″	2.88″	.27″	6.82″							
YAZ39-2NNT-45	2								6.34″							
YAZ39-2NNT-90	3								3.87″							
YAZ40-2N	1	800 kcmil	400	1/2″	1-3/4″	1.98″	2.94″	.30″	6.89″		-	-	P40RT (4) **	Orange	25	3″
YAZ40-2N-45	2								6.46″							
YAZ40-2N-90	3								3.91″							
YAZ41-2N	1	850 kcmil	-	1/2″	1-3/4″	2.01″	2.94″	.31″	6.91″		-	-	-	Gold		3″
YAZ41-2N-45	2								6.48″							
YAZ41-2N-90	3								3.93″							
YAZ44-2N	1	1000 kcmil	500	1/2″	1-3/4″	2.19″	3.00″	.33″	7.08″		-	-	P44RT (4) **	White	27	3-1/16″
YAZ44-2N-45	2								6.66″							
YAZ44-2N-90	3								4.02″							
YAZ44-2TC38	1			3/8″	1″	2.19″	3.00″	.33″	6.09″							
YAZ44-2TC38-45	2								5.66″							
YAZ44-2TC38-90	3								3.02″							
YAZ45-2N	1	1250 kcmil	-	1/2″	1-3/4″	2.46″	3.19″	.38″	7.38″		-	-	P45RT (6) **	Yellow	29	3-1/4″
YAZ45-2N-45	2								6.99″							
YAZ45-2N-90	3								4.13″							
YAZ453-2N	1	1300 kcmil	-	1/2″	1-3/4″	2.53″	3.19″	.39″	7.41″		-	-	-	Orange	30	2-1/16″
YAZ453-2N-45	2								7.03″							
YAZ453-2N-90	3								4.16″							
YAZ46-2N	1	1500 kcmil	-	1/2″	1-3/4″	2.69″	3.19″	.40″	7.48″		-	-	P46RT (6) **	Green	31	3-5/16″
YAZ46-2N-45	2								7.10″							
YAZ46-2N-90	3								4.22″							
YAZ47-2N	1	1750 kcmil	-	1/2″	1-3/4″	2.90″	3.44″	.42″	7.82″		-	-	-	Gray	33	3-1/2″
YAZ47-2N-45	2								7.40″							
YAZ47-2N-90	3								4.30″							

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

*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
" Available undrilled. Add suffix "U" to catalog number (example: YA25U).

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

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

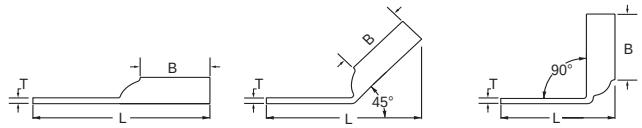

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAZ48-2N	1	2000 kcmil	-	1/2″	1-3/4″	3.10″	3.44″	.46″	7.89″		-	-		Brown	34	3-1/2″
YAZ48-2N-45	2								7.54″							
YAZ48-2N-90	3								4.40″							

▲ See tooling section of this catalog for complete tool and die listings.
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*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
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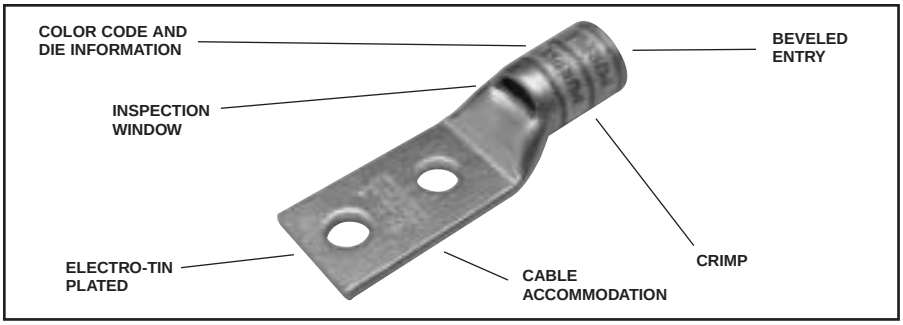
TWO HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL

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

COPPER COMPRESSION TERMINAL

UL Listed 90° C,
600 Volts to 35 KV ◆



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

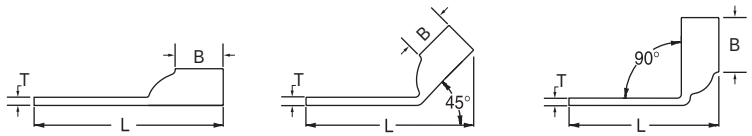


Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA8CL2TC10	1	37/24 #8 WELD #8 AWG	** 10	# 10	5/8″	.41″	.44″	.08″	1.84″	MRC840 (1) MY29-3 (1) MY29-11 (1) Y8MRB-1 (1) Y2MR (1) Y1MR (1)	W8CVT (1) W8CRT (1) X8CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	U8CRT (1)	Red	49	7/16″
YA8CL2TC10-45	2								1.83″							
YA8CL2TC10-90	3								1.37″							
YA8CL2TC14	1			1/4″	5/8″	.44″	.44″	.08″	1.95″							
YA8CL2TC14-45	2								1.94″							
YA8CL2TC14-90	3								1.49″							
YA8CL2TC14E1	1			1/4″	1″	.44″	.44″	.08″	2.33″							
YA8CL2TC14E1-45	2								2.32″							
YA8CL2TC14E1-90	3								1.87″							
YA8CL2TC14E2	1			1/4″	3/4″	.44″	.44″	.08″	2.08″							
YA8CL2TC14E2-45	2								2.07″							
YA8CL2TC14E2-90	3								1.62″							
YA8CL2TC38	1			3/8″	1″	.58″	.44.″	.06″	2.52″							
YA8CL2TC38-45	2								2.46″							
YA8CL2TC38-90	3								2.05″							
YAV6C-L2TC10-FX	1	61/24 #6 WELD #6 AWG	** 16	# 10	5/8″	.44″	.50″	.07″	1.94″	MRC840 (1) MY29-11 (1) Y2MR (1) Y644M (1) Y1MR (1)	W5CVT (1) W5CRT (1) X5CRT (1)	W5CVT (1) W5CRT (1) X5CRT (1)	U5CRT (1)	Blue	7	1/2″
YAV6C-L2TC10-FX-45	2								1.86″							
YAV6C-L2TC10-FX-90	3								1.38″							
YAV6C-L2TC10E2-FX	1			# 10	3/4″	.48″	.50″	.08″	2.06″							
YAV6C-L2TC10E2-FX-45	2								2.06″							
YAV6C-L2TC10E2-FX-90	3								1.57″							
YAV6C-L2TC10E4-FX	1			# 10	11/16″	.44″	.50″	.07″	2.00″							
YAV6C-L2TC10E4-FX-45	2								1.95″							
YAV6C-L2TC10E4-FX-90	3								1.44″							
YAV6C-L2TC10E9-FX	1			# 10	1/2″	.48″	.50″	.08″	1.81″							
YAV6C-L2TC10E9-FX-45	2								1.77″							
YAV6C-L2TC10E9-FX-90	3								1.27″							

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

▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for "-FX" connectors. For nest/indentor system contact factory.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

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TWO HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL (Continued)

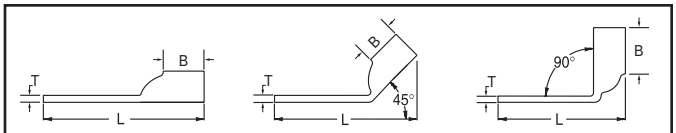

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAV6C-L2TC14-FX	1	61/24 #6 WELD #6 AWG	** 16	1/4″	5/8″	.48″	.50″	.08″	2.06″	MY29-11 (1) Y2MR (1) Y644M Y1MR (1)	W5CVT (1) W5CRT (1) X5CRT (1)	W5CVT (1) W5CRT (1) X5CRT (1)	U5CRT (1)	Blue	7	7/16″
YAV6C-L2TC14-FX-45	2								2.02″							
YAV6C-L2TC14-FX-90	3								1.52″							
YAV6C-L2TC14E2-FX	1			1/4″	3/4″	.48″	.50″	.08″	2.19″							
YAV6C-L2TC14E2-FX-45	2								2.15″							
YAV6C-L2TC14E2-FX-90	3								1.64″							
YAV6C-L2TC14E1-FX	1			1/4″	1″	.48″	.50″	.08″	2.44″							
YAV6C-L2TC14E1-FX-45	2								2.40″							
YAV6C-L2TC14E1-FX-90	3								1.89″							
YAV6C-L2TC516-FX	1			5/16″	1″	.52″	.50″	.07″	2.50″							
YAV6C-L2TC516-FX-45	2								2.45″							
YAV6C-L2TC516-FX-90	3								1.95″							
YAV6C-L2TC38-FX	1			3/8″	1″	.58″	.50″	.06″	2.62″							
YAV6C-L2TC38-FX-45	2								2.56″							
YAV6C-L2TC38-FX-90	3								2.07″							
YAV6C-L2NTC-FX	1			1/2″	1-3/4″	.83″	.50″	.12″	3.81″							
YAV6C-L2NTC-FX-45	2								3.67″							
YAV6C-L2NTC-FX-90	3								3.29″							
YAV4C-L2NT10-FX	1	91/24 105/24 #4 WELD #4 AWG	-	# 10	5/8″	.41″	.50″	.09″	1.95″	MY29-11 (1) Y2MR (2) Y644M (1) Y1MR (2)	W4CVT (1) W4CRT (1) X4CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	U4CRT (1)	Gray	8	1/2″
YAV4C-L2NT10-FX-45	2								1.94″							
YAV4C-L2NT10-FX-90	3								1.43″							
YAV4C-L2NT10E1-FX	1			# 10	1″	.41″	.50″	.09″	2.33″							
YAV4C-L2NT10E1-FX-45	2								2.31″							
YAV4C-L2NT10E1-FX-90	3								1.80″							
YAV4C-L2TC14-FX	1			1/4″	5/8″	.55″	.50″	.09″	2.08″							
YAV4C-L2TC14-FX-45	2								2.06″							
YAV4C-L2TC14-FX-90	3								1.55″							
YAV4C-L2TC14E2-FX	1			1/4″	3/4″	.55″	.50″	.09″	2.20″							
YAV4C-L2TC14E2-FX-45	2								2.19″							
YAV4C-L2TC14E2-FX-90	3								1.68″							
YAV4C-L2TC14E1-FX	1			1/4″	1″	.55″	.50″	.09″	2.45″							
YAV4C-L2TC14E1-FX-45	2								2.44″							
YAV4C-L2TC14E1-FX-90	3								1.93″							
YAV4C-L2TC516-FX	1			5/16″	1″	.55″	.50″	.09″	2.52″							
YAV4C-L2TC516-FX-45	2								2.50″							
YAV4C-L2TC516-FX-90	3								1.99″							
YAV4C-L2TC38-FX	1			3/8″	1″	.58″	.50″	.08″	2.68″							
YAV4C-L2TC38-FX-45	2								2.64″							
YAV4C-L2TC38-FX-90	3								2.11″							
YAV4C-L2NTC-FX	1			1/2″	1-3/4″	.83″	.50″	.12″	3.87″							
YAV4C-L2NTC-FX-45	2								3.91″							
YAV4C-L2NTC-FX-90	3								3.32″							
YAV2C-L2TC14-FX	1	125/24 150/24 #2 WELD #2 AWG	35	1/4″	5/8″	.68″	.63″	.10″	2.26″		W2CVT (1) W2CRT (1) X2CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	U2CRT (1)	Brown	10	11/16″
YAV2C-L2TC14-FX-45	2								2.22″							
YAV2C-L2TC14-FX-90	3								1.60″							
YAV2C-L2TC14E2-FX	1			1/4″	3/4″	.68″	.63″	.10″	2.38″							
YAV2C-L2TC14E2-FX-45	2								2.34″							
YAV2C-L2TC14E2-FX-90	3								1.73″							

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

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

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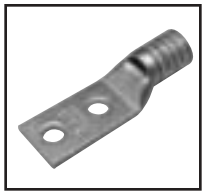
TWO HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL (Continued)



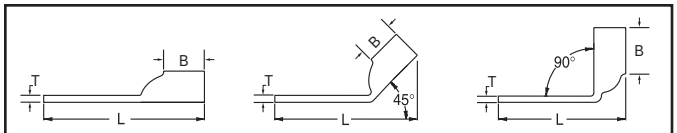


Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAV2C-L2TC14E1-FX	1	150/24 #2 WELD #2 AWG	35	1/4″	1″	.68″	.63″	.10″	2.63″	MY29-11 (1) Y2MR (2) Y644M (1) Y1MR (2)	W2CVT (1) W2CRT (1) X2CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	U2CRT (1)	Brown	10	11/16″
YAV2C-L2TC14E1-FX-45	2								2.60″							
YAV2C-L2TC14E1-FX-90	3								1.98″							
YAV2C-L2TC516-FX	1			5/16″	1″	.68″	.63″	.10″	2.71″							
YAV2C-L2TC516-FX-45	2								2.70″							
YAV2C-L2TC516-FX-90	3								2.04″							
YAV2C-L2TC38-FX	1			3/8″	1″	.68″	.63″	.10″	2.82″							
YAV2C-L2TC38-FX-45	2								2.78″							
YAV2C-L2TC38-FX-90	3								2.17″							
YAV2C-L2NTC-FX	1			1/2″	1-3/4″	.83″	.63″	.08″	4.07″							
YAV2C-L2NTC-FX-45	2								3.93″							
YAV2C-L2NTC-FX-90	3								3.34″							
YAV1C-L2TC14-FX	1	175/24 225/24 #1 WELD #1 AWG	-	1/4″	5/8″	.75″	.69″	.12″	2.35″	MY29-11 (1) Y644M (1)	W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	U1CRT-1 (1)	Green	11	11/16″
YAV1C-L2TC14-FX-45	2								2.32″							
YAV1C-L2TC14-FX-90	3								1.64″							
YAV1C-L2TC14E1-FX	1			1/4″	1″	.75″	.69″	.12″	2.71″							
YAV1C-L2TC14E1-FX-45	2								2.69″							
YAV1C-L2TC14E1-FX-90	3								2.00″							
YAV1C-L2TC14E2-FX	1			1/4″	3/4″	.75″	.69″	.12″	2.47″							
YAV1C-L2TC14E2-FX-45	2								2.45″							
YAV1C-L2TC14E2-FX-90	3								1.76″							
YAV1C-L2TC516-FX	1			5/16″	1″	.75″	.69″:	.12″	2.79″							
YAV1C-L2TC516-FX-45	2								2.76″							
YAV1C-L2TC516-FX-90	3								2.08″							
YAV1C-L2TC38-FX	1			3/8″	1″	.75″	.69″	.12″	2.91″							
YAV1C-L2TC38-FX-45	2								2.88″							
YAV1C-L2TC38-FX-90	3								2.20″							
YAV1C-L2NTC-FX	1			1/2″	1-3/4″	.83″	.69″	.11″	4.10″							
YAV1C-L2NTC-FX-45	2								4.04″							
YAV1C-L2NTC-FX-90	3								3.38″							
YAV25-L2TC14-FX	1	275/24 1/0 WELD 1/0 AWG	50	1/4″	5/8″	.83″	.69″	.12″	2.39″		W25VT (2) W25RT (2) X25RT (2)	W25VT (2) W25RT (2) X25RT (2)	U25RT (1)	Pink	12	11/16″
YAV25-L2TC14-FX-45	2								2.35″							
YAV25-L2TC14-FX-90	3								1.66″							
YAV25-L2TC14E2-FX	1			1/4″	3/4″	.83″	.69″	.12″	2.51″							
YAV25-L2TC14E2-FX-45	2								2.47″							
YAV25-L2TC14E2-FX-90	3								1.79″							
YAV25-L2TC516E2-FX	1			5/16″	3/4″	.83″	.69″	.12″	2.57″							
YAV25-L2TC516E2-FX-45	2								2.53″							
YAV25-L2TC516E2-FX-90	3								1.85″							
YAV25-L2TC516-FX	1			5/16″	1″	.83″	.69″	.12″	2.82″							
YAV25-L2TC516-FX-45	2								2.78″							
YAV25-L2TC516-FX-90	3								2.10″							
YAV25-L2TC38-FX	1			3/8″	1″	.83″	.69″	.12″	2.95″							
YAV25-L2TC38-FX-45	2								2.91″							
YAV25-L2TC38-FX-90	3								2.23″							
YAV25-L2TC12E1-FX	1			1/2″	1″	.83″	.69″	.12″	3.20″							
YAV25-L2TC12E1-FX-45	2								3.16″							
YAV25-L2TC12E1-FX-90	3								2.48″							

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

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TWO HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL (Continued)

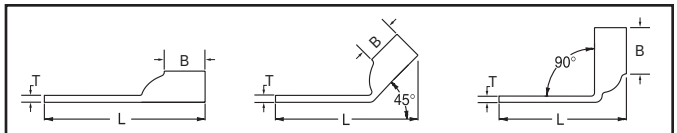

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAV25-L2NTC-FX	1	275/24							4.14″							
YAV25-L2NTC-FX-45	2	1/0 AWG	50	1/2″	1-3/4″	.83″	.69″	.12″	4.10″		W25VT (2)	W25VT (2)	U25RT (1)	Pink	12	11/16″
YAV25-L2NTC-FX-90	3	1/0 WELD							3.41″							
YAV26-L2TC14-FX	1								2.56″							
YAV26-L2TC14-FX-45	2			1/4″	5/8″	.93″	.81″	.13″	2.49″							
YAV26-L2TC14-FX-90	3								1.70″							
YAV26-L2TC14E2-FX	1								2.68″							
YAV26-L2TC14E2-FX-45	2			1/4″	3/4″	.93″	.81″	.13″	2.61″							
YAV26-L2TC14E2-FX-90	3								1.83″							
YAV26-L2TC516-FX	1	325/24							2.99″							
YAV26-L2TC516-FX-45	2			5/16″	1″	.93″	.81″	.13″	2.93″		W26VT (2)	W26VT (2)				
YAV26-L2TC516-FX-90	3	2/0 WELD	70						2.14″		W26RT (2)	W26RT (2)	U26RT (1)	Black	13	13/16″
YAV26-L2TC38-FX	1								3.12″		X26RT (2)	X26RT (2)				
YAV26-L2TC38-FX-45	2	2/0 AWG		3/8″	1″	.93″	.81″	.13″	3.05″							
YAV26-L2TC38-FX-90	3								2.26″							
YAV26-L2TC12E1-FX	1								3.37″							
YAV26-L2TC12E1-FX-45	2			1/2″	1″	.93″	.81″	.13″	3.30″							
YAV26-L2TC12E1-FX-90	3								2.51″							
YAV26-L2NTC-FX	1								4.31″							
YAV26-L2NTC-FX-45	2			1/2″	1-3/4″	.93″	.81″	.13″	4.24″							
YAV26-L2NTC-FX-90	3								3.45″							
YAV27-L2TC14-FX	1								2.83″	MY29-11 (1)						
YAV27-L2TC14-FX-45	2			1/4″	5/8″	1.03″	1.00″	.14″	2.69″	Y644M (1)						
YAV27-L2TC14-FX-90	3								1.74″							
YAV27-L2TC38-FX	1	450/24							3.35″							
YAV27-L2TC38-FX-45	2			3/8″	1″	1.03″	1.00″	.14″	3.23″		W27VT (2)	W27VT (2)				
YAV27-L2TC38-FX-90	3	3/0 WELD	95						2.30″		W27RT (2)	W27RT (2)	U27RT (1)	Orange	14	1″
YAV27-L2NTC-FX	1								4.54″		X27RT (3)	X27RT (3)				
YAV27-L2NTC-FX-45	2	3/0 AWG		1/2″	1-3/4″	1.03″	1.00″	.14″	4.42″							
YAV27-L2NTC-FX-90	3								3.49″							
YAV27-L2NTC516-FX	1								3.22″							
YAV27-L2NTC516-FX-45	2			5/16″	1″	1.03″	1.00″	.14″	3.11″							
YAV27-L2NTC516-FX-90	3								2.18″							
YAV28-L2TC14E2-FX	1								2.91″							
YAV28-L2TC14E2-FX-45	2			1/4″	3/4″	1.12″	1.03″	.15″	2.80″							
YAV28-L2TC14E2-FX-90	3								1.86″							
YAV28-L2TC14-FX	1								2.86″							
YAV28-L2TC14-FX-45	2			1/4″	5/8″	1.12″	1.03″	.15″	2.74″							
YAV28-L2TC14-FX-90	3	550/24							1.78″							
YAV28-L2TC516-FX	1		**						3.30″		W28VT (2)	W28VT (2)				
YAV28-L2TC516-FX-45	2	4/0 WELD		5/16″	1″	1.12″	1.03″	.15″	3.18″		W28RT (2)	W28RT (2)	U28RT (1)	Purple	15	1-1/16″
YAV28-L2TC516-FX-90	3		120						2.22″		X28RT (3)	X28RT (3)				
YAV28-L2TC38-FX	1	4/0 AWG							3.43″							
YAV28-L2TC38-FX-45	2			3/8″	1″	1.12″	1.03″	.15″	3.30″							
YAV28-L2TC38-FX-90	3								2.34″							
YAV28-L2NTC-FX	1								4.18″							
YAV28-L2NTC-FX-45	2			1/2″	1-3/4″	1.20″	1.03″	.15″	4.05″							
YAV28-L2NTC-FX-90	3								3.09″							

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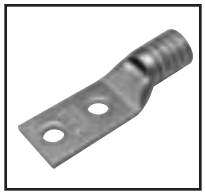

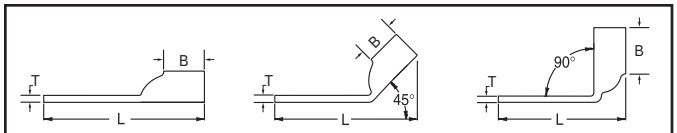

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAV28-L2TC14E2	1	550/24 4/0 WELD 4/0 AWG	** 120	1/4″	3/4″	1.14″	1.03″	.15″	2.99″	MY29-11 (1) Y644M (1)	W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/16″
YAV28-L2TC14E2-45	2								2.87″							
YAV28-L2TC14E2-90	3								1.90″							
YAV28-L2NT38-FX	1			3/8″	1″	.94″	1.03″	.15″	3.44″							
YAV28-L2NT38-FX-45	2								3.36″							
YAV28-L2NT38-FX-90	3								2.36″							
YAV28-LTC12E1-FX	1			1/2″	1″	1.14″	1.03″	.15″	3.68″							
YAV28-LTC12E1-FX-45	2								3.55″							
YAV28-LTC12E1-FX-90	3								2.59″							
YAV28-L2TC12-FX	1			1/2″	1-1/4″	1.14″	1.03″	.15″	3.93″							
YAV28-L2TC12-FX-45	2								3.80″							
YAV28-L2TC12-FX-90	3								2.84″							
YAV28-L2NTC-FX	1			1/2″	1-3/4″	1.14″	1.03″	.15″	4.62″							
YAV28-L2NTC-FX-45	2								4.49″							
YAV28-L2NTC-FX-90	3								3.53″							
YAV29-L2TC14E2-FX	1	550/24 4/0 WELD	-	1/4″	3/4″	1.12″	1.03″	.16″	2.91″	Y644M (1)	W29VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16	1-1/16″
YAV29-L2TC14E2-FX-45	2								2.80″							
YAV29-L2TC14E2-FX-90	3								1.86″							
YAV29-L2TC14-FX	1			1/4″	5/8″	1.12″	1.03″	.16″	2.86″							
YAV29-L2TC14-FX-45	2								2.74″							
YAV29-L2TC14-FX-90	3								1.78″							
YAV29-L2TC516-FX	1			5/16″	1″	1.12″	1.03″	.16″	3.30″							
YAV29-L2TC516-FX-45	2								3.18″							
YAV29-L2TC516-FX-90	3								2.22″							
YAV29-L2TC38-FX	1			3/8″	1″	1.12″	1.03″	.16″	3.43″							
YAV29-L2TC38-FX-45	2								3.30″							
YAV29-L2TC38-FX-90	3								2.34″							
YAV29-L2NTC-FX	1			1/2″	1-3/4″	1.20″	1.03″	.16″	4.18″							
YAV29-L2NTC-FX-45	2								4.05″							
YAV29-L2NTC-FX-90	3								3.09″							
YAV29-L2NT38-FX	1			3/8″	1″	.94″	1.03″	.16″	3.44″							
YAV29-L2NT38-FX-45	2								3.36″							
YAV29-L2NT38-FX-90	3								2.36″							
YAV29-LTC12E1-FX	1			1/2″	1″	1.14″	1.03″	.16″	3.68″							
YAV29-LTC12E1-FX-45	2								3.55″							
YAV29-LTC12E1-FX-90	3								2.59″							
YAV29-L2TC12-FX	1			1/2″	1-1/4″	1.14″	1.03″	.16″	3.93″							
YAV29-L2TC12-FX-45	2								3.80″							
YAV29-L2TC12-FX-90	3								2.84″							
YA30-L2TC38-FX	1	250 FLEX CLASS G 259 STR CLASS H 427 STR	-	3/8″	1″	1.20″	1.03″	.16″	3.45″	Y644M (1)	W29VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16	1-1/16″
YA30-L2TC38-FX-45	2								3.36″							
YA30-L2TC38-FX-90	3								2.37″							
YA30-L2TC12-FX	1			1/2″	1-1/4″	1.20″	1.03″	.16″	3.95″							
YA30-L2TC12-FX-45	2								3.86″							
YA30-L2TC12-FX-90	3								2.87″							
YA30-L2NTC-FX	1			1/2″	1-3/4″	1.20″	1.03″	.16″	4.63″							
YA30-L2NTC-FX-45	2								4.55″							
YA30-L2NTC-FX-90	3								3.56″							

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

▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for "-FX" connectors. For nest/indentor system contact factory.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

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TWO HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL (Continued)

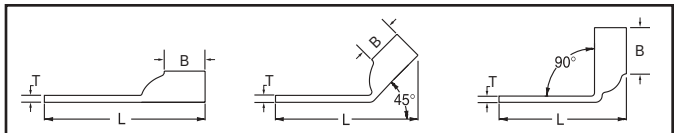

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA31-L2TC38-FX	1	250 FLEX 637/24 CLASS I, K, M″	150	3/8″	1″	1.29″	1.06″	.18″	3.51″	Y644M (1)	W30VT (2)	W30VT (2) W30RT (2)	U30RT (2)	White	17	1-1/8″
YA31-L2TC38-FX-45	2								3.43″							
YA31-L2TC38-FX-90	3								2.41″							
YA31-L2TC12-FX	1			1/2″	1-1/4″	1.29″	1.06″	.18″	4.01″							
YA31-L2TC12-FX-45	2								3.93″							
YA31-L2TC12-FX-90	3								2.91″							
YA31-L2NTC-FX	1			1/2″	1-3/4″	1.29″	1.06″	.18″	4.70″							
YA31-L2NTC-FX-45	2								4.62″							
YA31-L2NTC-FX-90	3								3.60″							
YA31-L2NTC38-FX	1			3/8″	1-3/4″	1.29″	1.06″	.18″	4.26″							
YA31-L2NTC38-FX-45	2								4.18″							
YA31-L2NTC38-FX-90	3								3.16″							
YA32-L2TC38-FX	1	775/24 313.1 kcmil	185	3/8″	1″	1.38″	1.19″	.19″	3.69″		W31VT (2)	W31VT (2) W31RT (2)	U31RT (2)	Red	18	1-1/4″
YA32-L2TC38-FX-45	2								3.59″							
YA32-L2TC38-FX-90	3								2.45″							
YA32-L2NTC-FX	1			1/2″	1-3/4″	1.38″	1.19″	.19″	4.88″							
YA32-L2NTC-FX-45	2								4.78″							
YA32-L2NTC-FX-90	3								3.64″							
YA34-L2TC38-FX	1	373.7 kcmil 925/24 (350 MCM NOM)	240	3/8″	1″	1.52″	1.27″	.23″	3.88″		W32VT (2)	W32VT (2) W32RT (2)	U32RT (2)	Blue	19	1-5/16″
YA34-L2TC38-FX-45	2								3.81″							
YA34-L2TC38-FX-90	3								2.54″							
YA34-L2TC12-FX	1			1/2″	1-1/4″	1.52″	1.27″	.23″	4.38″							
YA34-L2TC12-FX-45	2								4.31″							
YA34-L2TC12-FX-90	3								3.04″							
YA34-L2NTC-FX	1			1/2″	1-3/4″	1.52″	1.27″	.23″	5.06″							
YA34-L2NTC-FX-45	2								5.00″							
YA34-L2NTC-FX-90	3								3.73″							
YA34-L2TC516-FX	1			5/16″	1″	1.55″	1.27″	.23″	3.75″							
YA34-L2TC516-FX-45	2								3.69″							
YA34-L2TC516-FX-90	3								2.42″							
YA34-L2NT38-FX	1			3/8″	1″	.96″	1.27″	.23″	3.88″							
YA34-L2NT38-FX-45	2								3.81″							
YA34-L2NT38-FX-90	3								2.54″							
YA34-L2NTC38-FX	1			3/8″	1-3/4″	1.55″	1.27″	.23″	4.63″							
YA34-L2NTC38-FX-45	2								4.56″							
YA34-L2NTC38-FX-90	3								3.29″							
YA36-L2TC38-FX	1	1100/24 444.4 kcmil	-	3/8″	1″	1.72″	1.38″	.27″	4.24″		-	-	U34RT (2)	Brown	20	1-7/16″
YA36-L2TC38-FX-45	2								4.21″							
YA36-L2TC38-FX-90	3								2.81″							
YA36-L2NTC-FX	1			1/2″	1-3/4″	1.72″	1.38″	.27″	5.24″							
YA36-L2NTC-FX-45	2								5.21″							
YA36-L2NTC-FX-90	3								3.81″							
YA38-L2TC38-FX	1	535.3 kcmil 1325/24 (500 MCM NOM)	300	3/8″	1″	1.81″	1.45″	.27″	4.35″		-	-	U38XRT (2)	Pink	L99	1-7/16″
YA38-L2TC38-FX-45	2								4.30″							
YA38-L2TC38-FX-90	3								2.84″							
YA38-L2TC12-FX	1			1/2″	1-1/4″	1.81″	1.45″	.27″	4.67″							
YA38-L2TC12-FX-45	2								4.61″							
YA38-L2TC12-FX-90	3								3.16″							

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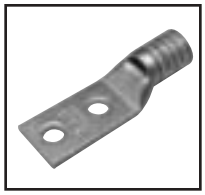
TWO HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL (Continued)



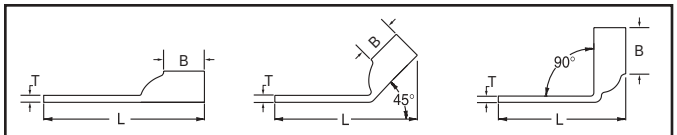


Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA38-L2NTC-FX	1	535.3 kcmil 1325/24 (500 MCM NOM)	300	1/2″	1-3/4″	1.81″	1.45″	.27″	5.35″	Y644M (1)	-	-	U38XRT (2)	Pink	L99	1-7/16″
YA38-L2NTC-FX-45	2								5.30″							
YA38-L2NTC-FX-90	3								3.84″							
YA38-L2TC516-FX	1			5/16″	1″	1.84″	1.45″	.27″	4.04″							
YA38-L2TC516-FX-45	2								3.98″							
YA38-L2TC516-FX-90	3								2.53″							
YA38-L2NT38-FX	1			3/8″	1″	1.63″	1.45″	.27″	4.35″							
YA38-L2NT38-FX-45	2								4.30″							
YA38-L2NT38-FX-90	3								2.84″							
YA38-L2NNT-FX	1			1/2″	1-3/4″	1.63″	1.45″	.27″	5.35″							
YA38-L2NNT-FX-45	2								5.30″							
YA38-L2NNT-FX-90	3								3.84″							
YA39-L2NTC-FX	1	600 kcmil	-	1/2″	1-3/4″	1.91″	1.42″	.27″	5.36″		-	-	U38RT (2)	Purple	23	1-3/8″
YA39-L2NTC-FX-45	2								5.31″							
YA39-L2NTC-FX-90	3								3.87″							
YA40-L2NTC-FX	1	646 kcmil 1600/24	400	1/2″	1-3/4″	1.95″	1.42″	.30″	5.38″		-	-	U39RT (2)	Black	24	1-5/16″
YA40-L2NTC-FX-45	2								5.38″							
YA40-L2NTC-FX-90	3								3.91″							
YA40-L2TC38-FX	1			3/8″	1″	1.98″	1.42″	.30″	4.28″							
YA40-L2TC38-FX-45	2								4.20″							
YA40-L2TC38-FX-90	3								2.72″							
YA40-L2NNT-FX	1			1/2″	1-3/4″	1.63″	1.42″	.30″	5.38″							
YA40-L2NNT-FX-45	2								5.38″							
YA40-L2NNT-FX-90	3								3.91″							
YA44-L2TC38-FX	1	777.7 kcmil 1925/24 (750 MCM NOM)	500	3/8″	1″	2.19″	1.65″	.33″	4.74″		-	-	U44XRT (2)	Yellow	L115	1-5/8″
YA44-L2TC38-FX-45	2								4.71″							
YA44-L2TC38-FX-90	3								3.02″							
YA44-L2NTC-FX	1			1/2″	1-3/4″	2.19″	1.65″	.33″	5.74″							
YA44-L2NTC-FX-45	2								5.71″							
YA44-L2NTC-FX-90	3								4.02″							
YA44-L2TC58-FX	1			5/8″	1-1/2″	2.19″	1.65″	.33″	5.55″							
YA44-L2TC58-FX-45	2								5.52″							
YA44-L2TC58-FX-90	3								3.83″							
YA44-L2TC12-FX	1			1/2″	1-1/4″	2.19″	1.65″	.33″	5.05″							
YA44-L2TC12-FX-45	2								5.02″							
YA44-L2TC12-FX-90	3								3.33″							
YA44-L2TC12E3-FX	1			1/2″	1-1/2″	2.19″	1.65″	.33″	5.30″							
YA44-L2TC12E3-FX-45	2								5.27″							
YA44-L2TC12E3-FX-90	3								3.58″							
YA44-L2NT38-FX	1			3/8″	1″	1.63″	1.65″	.33″	4.74″							
YA44-L2NT38-FX-45	2								4.71″							
YA44-L2NT38-FX-90	3								3.02″							
YA44-L2NNT-FX	1			1/2″	1-3/4″	1.63″	1.65″	.33″	5.74″							
YA44-L2NNT-FX-45	2								5.71″							
YA44-L2NNT-FX-90	3								4.02″							

* Use PUADP-1 adaptor with "U" dies in Y46 HYPRESS™.
*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.
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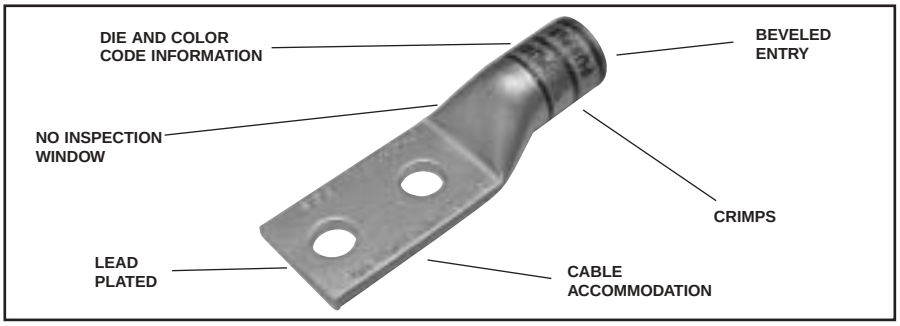
TWO HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL LEAD PLATED

TYPE YAG-L-2TC-LD

COPPER COMPRESSION TERMINAL

UL Listed 90° C,
600 Volts to 35 KV ◆



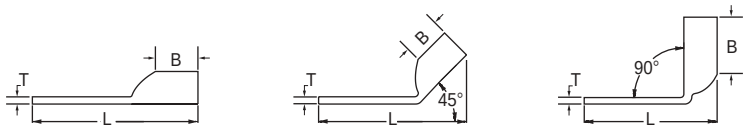


Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAG8CL-2TC14-LD	1	#8 WELD 37/24 #8 AWG	** 10	1/4″	5/8″	.41″	.44″	.08″	1.95″	MRC840 (1) MY29-3 (1) MY29-11 (1) Y8MRB-1 (1) Y2MR (1) Y1MR (1)	W8CVT	W8CVT	U8CRT	Red	49	1/2″
YAG8CL-2TC14-LD-45	2								1.94″		W8CVT (1) W8CRT (1) X8CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	U8CRT (1)	Red	49	7/16″
YAG8CL-2TC14-LD-90	3								1.00″							
YAG8CL-2TC38-LD	1			3/8″	1″	.57″	.44″	.06″	2.52″							
YAG8CL-2TC38-LD-45	2								2.46″							
YAG8CL-2TC38-LD-90	3								2.05″							
YAG8CL-2TC10-LD	1			# 10	5/8″	.41″	.44″	.08″	1.84″							
YAG8CL-2TC10-LD-45	2								1.83″							
YAG8CL-2TC10-LD-90	3								1.37″							
YAG8CL-2TC14E1-LD	1			1/4″	1″	.44″	.44″	.08″	2.33″							
YAG8CL-2TC14E1-LD-45	2								2.32″							
YAG8CL-2TC14E1-LD-90	3								1.87″							
YAG8CL-2TC14E2-LD	1			1/4″	3/4″	.44″	.44″	.08″	2.08″							
YAG8CL-2TC14E2-LD-45	2								2.07″							
YAG8CL-2TC14E2-LD-90	3								1.62″							
YAG6CL-2TC10-LD	1	#6 WELD 61/24 #6 AWG	** 16	# 10	5/8″	.44″	.50″	.07″	1.94″	MY29-11 (1) Y2MR (1) Y644M (1) Y1MR (1)	W5CVT (1) W5CRT (1) X5CRT (1)	W5CVT (1) W5CRT (1) X5CRT (1)	U5CRT (1)	Blue	7	1/2″
YAG6CL-2TC10-LD-45	2								1.86″							
YAG6CL-2TC10-LD-90	3								1.38″							
YAG6CL-2TC10E2-LD	1			# 10	3/4″	.48″	.50″	.08″	2.06″							
YAG6CL-2TC10E2-LD-45	2								2.02″							
YAG6CL-2TC10E2-LD-90	3								1.57″							
YAG6CL-2TC10E4-LD	1			# 10	11/16″	.44″	.50″	.07″	2.00″							
YAG6CL-2TC10E4-LD-45	2								1.95″							
YAG6CL-2TC10E4-LD-90	3								1.44″							
YAG6CL-2TC10E-LD	1			# 10	1/2″	.48″	.50″	.08″	1.81″							
YAG6CL-2TC10E-LD-45	2								1.77″							
YAG6CL-2TC10E-LD-90	3								1.27″							
YAG6CL-2TC14-LD	1			1/4″	5/8″	.48″	.50″	.08″	2.06″							
YAG6CL-2TC14-LD-45	2								2.02″							
YAG6CL-2TC14-LD-90	3								1.52″							
YAG6CL-2TC14E1-LD	1			1/4″	1″	.48″	.50″	.08″	2.44″							
YAG6CL-2TC14E1-LD-45	2								2.40″							
YAG6CL-2TC14E1-LD-90	3								1.89″							

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

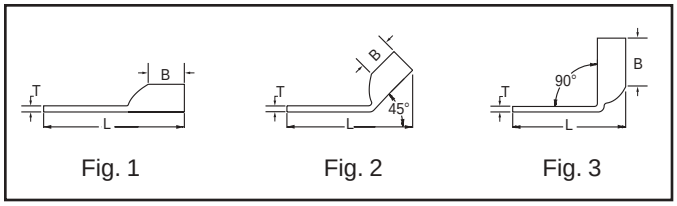

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAG6CL-2TC14E2-LD	1	#6 WELD 61/24 #6 AWG	** 16	1/4″	3/4″	.48″	.50″	.08″	2.18″	MY29-11 (1) Y2MR (1) Y644M (1) Y1MR (1)	W5CVT (1) W5CRT (1) X5CRT (1)	W5CVT (1) W5CRT (1) X5CRT (1)	U5CRT (1)	Blue	7	1/2″
YAG6CL-2TC14E2-LD-45	2								2.15″							
YAG6CL-2TC14E2-LD-90	3								1.64″							
YAG6CL-2TC516-LD	1			5/16″	1″	.52″	.50″	.07″	2.50″							
YAG6CL-2TC516-LD-45	2								2.45″							
YAG6CL-2TC516-LD-90	3								1.95″							
YAG6CL-2TC38-LD	1			3/8″	1″	.58″	.50″	.06″	2.62″							
YAG6CL-2TC38-LD-45	2								2.56″							
YAG6CL-2TC38-LD-90	3								2.07″							
YAG6CL-2NTC-LD	1			1/2″	1-3/4″	.83″	.50″	.12″	3.81″							
YAG6CL-2NTC-LD-45	2								3.67″							
YAG6CL-2NTC-LD-90	3								3.29″							
YAG4CL-2NT10-LD	1	#4 WELD 91/24 105/24 #4 AWG	-	# 10	5/8″	.41″	.50″	.09″	1.99″	MY29-11 (1) Y2MR (2) Y644M (1) Y1MR (2)	W4CVT (1) W4CRT (1) X4CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	U4CRT (1)	Gray	8	1/2″
YAG4CL-2NT10-LD-45	2								1.97″							
YAG4CL-2NT10-LD-90	3								1.43″							
YAG4CL-2NT10E1-LD	1			# 10	1″	.41″	.50″	.09″	2.37″							
YAG4CL-2NT10E1-LD-45	2								2.34″							
YAG4CL-2NT10E1-LD-90	3								1.80″							
YAG4CL-2TC14-LD	1			1/4″	5/8″	.55″	.50″	.09″	2.11″							
YAG4CL-2TC14-LD-45	2								2.09″							
YAG4CL-2TC14-LD-90	3								1.55″							
YAG4CL-2TC14E2-LD	1			1/4″	3/4″	.55″	.50″	.09″	2.24″							
YAG4CL-2TC14E2-LD-45	2								2.22″							
YAG4CL-2TC14E2-LD-90	3								1.68″							
YAG4CL-2TC14E1-LD	1			1/4″	1″	.55″	.50″	.09″	2.49″							
YAG4CL-2TC14E1-LD-45	2								2.47″							
YAG4CL-2TC14E1-LD-90	3								1.93″							
YAG4CL-2TC38-LD	1			3/8″	1″	.58″	.50″	.08″	2.68″							
YAG4CL-2TC38-LD-45	2								2.64″							
YAG4CL-2TC38-LD-90	3								2.11″							
YAG4CL-2TC516-LD	1			5/16″	1″	.55″	.50″	.09″	2.56″							
YAG4CL-2TC516-LD-45	2								2.53″							
YAG4CL-2TC516-LD-90	3					.			1.99″							
YAG4CL-2NTC-LD	1			1/2″	1-3/4″	.83″	.50″	.12″	3.87″							
YAG4CL-2NTC-LD-45	2								3.91″							
YAG4CL-2NTC-LD-90	3								3.32″							
YAG2CL-2TC14-LD	1	#2 WELD 125/24 150/24 #2 AWG	35	1/4″	5/8″	.68″	.63″	.10″	2.28″		W2CVT (1) W2CRT (1) X2CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	U2CRT (1)	Brown	10	11/16″
YAG2CL-2TC14-LD-45	2								2.23″							
YAG2CL-2TC14-LD-90	3								1.60″							
YAG2CL-2TC14E1-LD	1			1/4″	1″	.68″	.63″	.10″	2.63″							
YAG2CL-2TC14E1-LD-45	2								2.60″							
YAG2CL-2TC14E1-LD-90	3								1.98″							
YAG2CL-2TC14E2-LD	1			1/4″	3/4″	.68″	.63″	.10″	2.40″							
YAG2CL-2TC14E2-LD-45	2								2.36″							
YAG2CL-2TC14E2-LD-90	3								1.73″							
YAG2CL-2TC38-LD	1			3/8″	1″	.68″	.63″	.10″	2.84″							
YAG2CL-2TC38-LD-45	2								2.79″							
YAG2CL-2TC38-LD-90	3								2.17″							

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

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

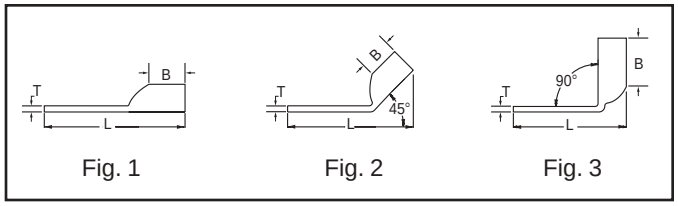

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAG2CL-2TC516-LD	1								2.71″							
YAG2CL-2TC516-LD-45	2	#2 WELD		5/16″	1″	.68″	.63″	.10″	2.67″	MY29-11 (1)						
YAG2CL-2TC516-LD-90	3	125/24	35						2.04″	Y2MR (2)	W2CVT (1)	W2CVT (1)				
YAG2CL-2NTC-LD	1	150/24							4.03″	Y644M (1)	W2CRT (1)	W2CRT (1)	U2CRT (1)	Brown	10	11/16″
YAG2CL-2NTC-LD-45	2	#2 AWG		1/2″	1-3/4″	.83″	.63″	.08″	3.94″	Y1MR (2)	X2CRT (1)	X2CRT (1)				
YAG2CL-2NTC-LD-90	3								3.34″							
YAG1CL-2TC14-LD	1								2.37″							
YAG1CL-2TC14-LD-45	2			1/4″	5/8″	.75″	.69″	.12″	2.33″							
YAG1CL-2TC14-LD-90	3								1.64″							
YAG1CL-2TC14E2-LD	1								2.49″							
YAG1CL-2TC14E2-LD-45	2			1/4″	3/4″	.75″	.69″	.12″	2.46″							
YAG1CL-2TC14E2-LD-90	3								1.76″							
YAG1CL-2TC14E1-LD	1	#1 WELD							2.73″							
YAG1CL-2TC14E1-LD-45	2			1/4″	1″	.75″	.69″	.12″	2.70″		W1CVT (1)	W1CVT (1)				
YAG1CL-2TC14E1-LD-90	3	175/24	-						2.00″		W1CRT-1 (1)	W1CRT-1 (1)	U1CRT-1 (1)	Green	11	11/16″
YAG1CL-2TC516-LD	1	225/24							2.81″		X1CRT-1 (1)	X1CRT-1 (1)				
YAG1CL-2TC516-LD-45	2			5/16″	1″	.75″	.69″	.12″	2.77″							
YAG1CL-2TC516-LD-90	3	#1 AWG							2.08″							
YAG1CL-2TC38-LD	1								2.93″							
YAG1CL-2TC38-LD-45	2			3/8″	1″	.75″	.69″	.12″	2.90″							
YAG1CL-2TC38-LD-90	3								2.20″							
YAG1CL-2NTC-LD	1								4.12″							
YAG1CL-2NTC-LD-45	2			1/2″	1-3/4″	.83″	.69″	.11″	4.06″							
YAG1CL-2NTC-LD-90	3								3.38″							
YAG25L-2TC14-LD	1								2.41″							
YAG25L-2TC14-LD-45	2			1/4″	5/8″	.83″	.69″	.12″	2.36″							
YAG25L-2TC14-LD-90	3								1.66″	MY29-11 (1)						
YAG25L-2TC14E2-LD	1								2.53″	Y644M (1)						
YAG25L-2TC14E2-LD-45	2			1/4″	3/4″	.83″	.69″	.12″	2.49″							
YAG25L-2TC14E2-LD-90	3								1.79″							
YAG25L-2TC516E2-LD	1								2.60″							
YAG25L-2TC516E2-LD-45	2			5/16″	3/4″	.83″	.69″	.12″	2.55″							
YAG25L-2TC516E2-LD-90	3	1/0 WELD							1.85″							
YAG25L-2TC516-LD	1								2.85″		W25VT (2)	W25VT (2)				
YAG25L-2TC516-LD-45	2	275/24	50	5/16″	1″	.83″	.69″	.12″	2.80″		W25RT (2)	W25RT (2)	U25RT (1)	Pink	12	11/16″
YAG25L-2TC516-LD-90	3								2.10″		X25RT (2)	X25RT (2)				
YAG25L-2TC38-LD	1	1/0 AWG							2.97″							
YAG25L-2TC38-LD-45	2			3/8″	1″	.83″	.69″	.12″	2.92″							
YAG25L-2TC38-LD-90	3								2.23″							
YAG25L-2NTC-LD	1								4.16″							
YAG25L-2NTC-LD-45	2			1/2″	1-3/4″	.83″	.69″	.12″	4.11″							
YAG25L-2NTC-LD-90	3								3.41″							
YAG25L-2TC12E1-LD	1								3.22″							
YAG25L-2TC12E1-LD-45	2			1/2″	1″	.83″	.69″	.12″	3.17″							
YAG25L-2TC12E1-LD-90	3								2.48″							
YAG26L-2TC14-LD	1	2/0 WELD							2.58″		W26RT (2)	W26RT (2)				
YAG26L-2TC14-LD-45	2	325/24	70	1/4″	5/8″	.93″	.81″	.13″	2.51″		W26VT (2)	W26VT (2)	U26RT (1)	Black	13	13/16″
YAG26L-2TC14-LD-90	3	2/0 AWG							1.70″		X26RT (2)	X26RT (2)				

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

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

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

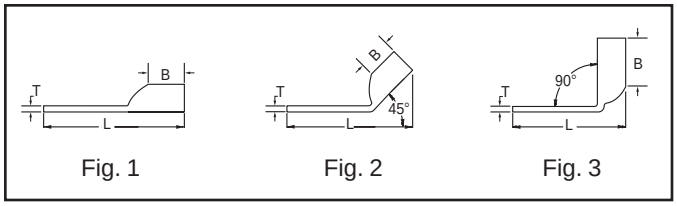

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAG26L-2TC14E2-LD	1	2/0 WELD 325/24 2/0 AWG	70	1/4″	3/4″	.93″	.81″	.13″	2.71″	MY29-11 (1) Y644M (1)	W26RT (2) W26VT (2) X26RT (2)	W26RT (2) W26VT (2) X26RT (2)	U26RT (1)	Black	13	13/16″
YAG26L-2TC14E2-LD-45	2								2.63″							
YAG26L-2TC14E2-LD-90	3								1.83″							
YAG26L-2TC516-LD	1			5/16″	1″	.93″	.81″	.13″	3.02″							
YAG26L-2TC516-LD-45	2								2.94″							
YAG26L-2TC516-LD-90	3								2.14″							
YAG26L-2TC38-LD	1			3/8″	1″	.93″	.81″	.13″	3.14″							
YAG26L-2TC38-LD-45	2								3.39″							
YAG26L-2TC38-LD-90	3								3.32″							
YAG26L-2NTC-LD	1			1/2″	1-3/4″	.93″	.81″	.13″	4.33″							
YAG26L-2NTC-LD-45	2								4.26″							
YAG26L-2NTC-LD-90	3								3.45″							
YAG27L-2TC14-LD	1	3/0 WELD 450/24 3/0 AWG	95	1/4″	5/8″	1.03″	1.00″	.14″	2.81″		W27VT (2) W27RT (2) X27RT (3)	W27VT (2) W27RT (2) X27RT (3)	U27RT (1)	Orange	14	1.00 in.
YAG27L-2TC14-LD-45	2								2.67″							
YAG27L-2TC14-LD-90	3								1.74″							
YAG27L-2TC14E2-LD	1			1/4″	3/4″	1.03″	1.00″	.14″	2.94″							
YAG27L-2TC14E2-LD-45	2								2.82″							
YAG27L-2TC14E2-LD-90	3								1.86″							
YAG27L-2TC516-LD	1			5/16″	1″	1.03″	1.00″	.14″	3.25″							
YAG27L-2TC516-LD-45	2								3.13″							
YAG27L-2TC516-LD-90	3								2.18″							
YAG27L-2TC38-LD	1			3/8″	1″	1.03″	1.00″	.14″	3.38″							
YAG27L-2TC38-LD-45	2								3.25″							
YAG27L-2TC38-LD-90	3								2.30″							
YAG27L-2NTC-LD	1			1/2″	1-3/4″	1.03″	1.00″	.14″	4.56″							
YAG27L-2NTC-LD-45	2								4.44″							
YAG27L-2NTC-LD-90	3								3.49″							
YAG28L-2TC14-LD	1	4/0 WELD 550/24 4/0 AWG	** 120	1/4″	5/8″	1.14″	1.03	.15″	2.90″		W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/16″
YAG28L-2TC14-LD-45	2								2.76″							
YAG28L-2TC14-LD-90	3								1.78″							
YAG28L-2TC14E2-LD	1			1/4″	3/4″	1.14″	1.03″	.15″	3.02″							
YAG28L-2TC14E2-LD-45	2								2.89″							
YAG28L-2TC14E2-LD-90	3								1.90″							
YAG28L-2TC516-LD	1			5/16″	1″	1.14″	1.03″	.15″	3.33″							
YAG28L-2TC516-LD-45	2								3.20″							
YAG28L-2TC516-LD-90	3								2.22″							
YAG28L-2TC38-LD	1			3/8″	1″	1.14″	1.03″	.15″	3.46″							
YAG28L-2TC38-LD-45	2								3.33″							
YAG28L-2TC38-LD-90	3								2.34″							
YAG28L-2NT38-LD	1			3/8″	1″	.94″	1.03″	.17″	3.48″							
YAG28L-2NT38-LD-45	2								3.38″							
YAG28L-2NT38-LD-90	3								2.36″							
YAG28L-2TC12E1-LD	1			1/2″	1″	1.14″	1.03″	.17″	3.71″							
YAG28L-2TC12E1-LD-45	2								3.58″							
YAG28L-2TC12E1-LD-90	3								2.59″							
YAG28L-2TC12-LD	1			1/2″	1-1/4″	1.14″	1.03″	.17″	3.96″							
YAG28L-2TC12-LD-45	2								3.83″							
YAG28L-2TC12-LD-90	3								2.84″							

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

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

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

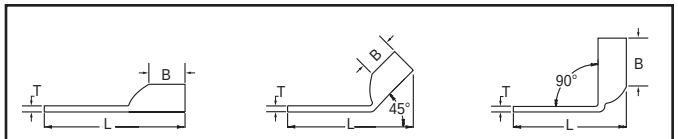

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAG28L-2NTC-LD	1	4/0 WELD	**	1/2″	1-3/4″	1.14″	1.03″	.15″	4.65″	MY29-11(1)	W28VT (2)	W28VT (2)				
YAG28L-2NTC-LD-45	2	550/24	120						4.51″	Y644M (1)	W28RT (2)	W28RT (2)	U28RT (1)	Purple	15	1-1/16″
YAG28L-2NTC-LD-90	3	4/0 AWG							3.53″		X28RT (3)	X28RT (3)				
YAG29L-2TC14-LD	1								2.90″							
YAG29L-2TC14-LD-45	2			1/4″	5/8″	1.14″	1.03″	.16″	2.76″							
YAG29L-2TC14-LD-90	3								1.78″							
YAG29L-2TC14E2-LD	1								3.02″							
YAG29L-2TC14E2-LD-45	2			1/4″	3/4″	1.14″	1.03″	.16″	2.89″							
YAG29L-2TC14E2-LD-90	3								1.90″							
YAG29L-2TC516-LD	1								3.33″							
YAG29L-2TC516-LD-45	2			5/16″	1″	1.14″	1.03″	.16″	3.20″							
YAG29L-2TC516-LD-90	3								2.22″							
YAG29L-2TC38-LD	1								3.46″							
YAG29L-2TC38-LD-45	2	4/0 WELD		3/8″	1″	1.14″	1.03″	.16″	3.33″		W29VT (2)	W29VT (2)				
YAG29L-2TC38-LD-90	3		-						2.34″		X29RT (4)	W29RT (2)	U29RT (1)	Yellow	16	1-1/16″
YAG29L-2NT38-LD	1	550/24							3.48″			X29RT (4)				
YAG29L-2NT38-LD-45	2			3/8″	1″	.94″	1.03″	.16″	3.38″							
YAG29L-2NT38-LD-90	3								2.36″							
YAG29L-2TC12E1-LD	1								3.71″							
YAG29L-2TC12E1-LD-45	2			1/2″	1″	1.14″	1.03″	.16″	3.58″							
YAG29L-2TC12E1-LD-90	3								2.59″							
YAG29L-2TC12-LD	1								3.96″							
YAG29L-2TC12-LD-45	2			1/2″	1-1/4″	1.14″	1.03″	.16″	3.83″							
YAG29L-2TC12-LD-90	3								2.84″							
YAG29L-2NTC-LD	1								4.65″							
YAG29L-2NTC-LD-45	2			1/2″	1-3/4″	1.14″	1.03″	.16″	4.51″	Y644M (1)						
YAG29L-2NTC-LD-90	3								3.53″							
YAG30L-2TC38-LD	1								3.48″							
YAG30L-2TC38-LD-45	2			3/8″	1″	1.20″	1.03″	.16″	3.38″							
YAG30L-2TC38-LD-90	3	250 kcmil							2.37″							
YAG30L-2TC12-LD	1								3.98″							
YAG30L-2TC12-LD-45	2	CLASS G 259 STR	-	1/2″	1-1/4″	1.20″	1.03″	.16″	3.88″		W29VT (2)	W29VT (2)				
YAG30L-2TC12-LD-90	3								2.87″		X29RT (4)	W29RT (2)	U29RT (1)	Yellow	16	1-1/16″
YAG30L-2NTC-LD	1	CLASS H 427 STR							4.67″			X29RT (4)				
YAG30L-2NTC-LD-45	2			1/2″	1-3/4″	1.20″	1.03″	.16″	4.57″							
YAG30L-2NTC-LD-90	3								3.56″							
YAG31L-2TC38-LD	2								3.54″							
YAG31L-2TC38-LD-45	2			3/8″	1″	1.29″	1.06″	.18″	3.46″							
YAG31L-2TC38-LD-90	2								2.41″							
YAG31L-2NTC38-LD	1	250 WELD							4.30″							
YAG31L-2NTC38-LD-45	2			3/8″	1-3/4″	1.29″	1.06″	.18″	4.20″							
YAG31L-2NTC38-LD-90	3	637/24	150						3.20″		W30VT (2)	W30VT (2)	U30RT (2)	White	17	1-1/8″
YAG31L-2TC12-LD	1								4.04″			W30RT (2)				
YAG31L-2TC12-LD-45	2	CLASS I,K,M		1/2″	1-1/4″	1.29″	1.06″	.18″	3.96″							
YAG31L-2TC12-LD-90	3								2.91″							
YAG31L-2NTC-LD	1								4.73″							
YAG31L-2NTC-LD-45	2			1/2″	1-3/4″	1.29″	1.06″	.18″	4.64″							
YAG31L-2NTC-LD-90	3								3.60″							

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** The 120 MM² referenced here is for both Class 2 and Class 5 conductor.
*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.
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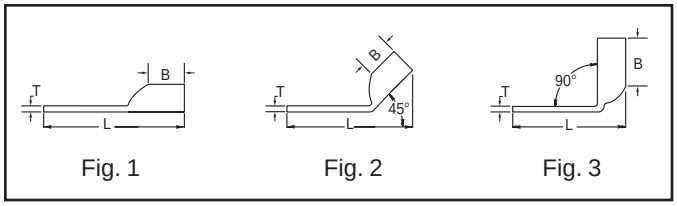

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical MD6, OUR840, MD7-34R	Hydraulic BCT500HS, Y500CTHS	Hydraulic Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAG32L-2TC38-LD	1	775/24 313.1 kcmil	185	3/8″	1″	1.40″	1.19″	.19″	3.73″	Y644M (1)	W31VT (2)	W31VT (2) W31RT (2)	U31RT (2)	Red	18	1-1/4″
YAG32L-2TC38-LD-45	2								3.62″							
YAG32L-2TC38-LD-90	3								2.45″							
YAG32L-2NTC-LD	1			1/2″	1-3/4″	1.40″	1.19″	.19″	4.91″							
YAG32L-2NTC-LD-45	2								4.81″							
YAG32L-2NTC-LD-90	3								3.64″							
YAG34L-2TC516-LD	1	373.7 kcmil 925/24 350 kcmil CLASS I	240	5/16″	1″	1.55″	1.27″	.23″	3.79″		W32VT (2)	W32VT (2) W32RT (2)	U32RT (2)	Blue	19	1-5/16″
YAG34L-2TC516-LD-45	2								3.72″							
YAG34L-2TC516-LD-90	3								2.42″							
YAG34L-2TC38-LD	1			3/8″	1″	1.55″	1.27″	.23″	3.92″							
YAG34L-2TC38-LD-45	2								3.84″							
YAG34L-2TC38-LD-90	3								2.54″							
YAG34L-2NT38-LD	1			3/8″	1-3/4″	.96″	1.27″	.23″	4.67″							
YAG34L-2NT38-LD-45	2								4.59″							
YAG34L-2NT38-LD-90	3								3.29″							
YAG34L-2TC12-LD	1			1/2″	1-1/4″	1.55″	1.27″	.23″	4.42″							
YAG34L-2TC12-LD-45	2								3.34″							
YAG34L-2TC12-LD-90	3								3.04″							
YAG34L-2NTC-LD	1			1/2″	1-3/4″	1.55″	1.27″	.23″	5.11″							
YAG34L-2NTC-LD-45	2								5.03″							
YAG34L-2NTC-LD-90	3								3.73″							
YAG36L-2TC38-LD	1	1100/24 444.4 kcmil	-	3/8″	1″	1.73″	1.38″	.27″	4.28″		-	-	U34RT (2)	Brown	20	1-3/8″
YAG36L-2TC38-LD-45	2								4.24″							
YAG36L-2TC38-LD-90	3								2.81″							
YAG36L-2NTC-LD	1			1/2″	1-3/4″	1.73″	1.38″	.27″	5.28″							
YAG36L-2NTC-LD-45	2								5.24″							
YAG36L-2NTC-LD-90	3								3.81″							
YAG38L-2TC516-LD	1	535.3 kcmil 1325/24 500 kcmil CLASS I	300	5/16″	1″	1.82″	1.45″	.27″	4.09″		-	-	U38XRT (2)	Pink	20	1-3/8″
YAG38L-2TC516-LD-45	2								4.02″							
YAG38L-2TC516-LD-90	3								2.53″							
YAG38L-2NT38-LD	1			3/8″	1″	1.63″	1.45″	.27″	4.40″							
YAG38L-2NT38-LD-45	2								4.33″							
YAG38L-2NT38-LD-90	3								2.84″							
YAG38L-2TC38-LD	1			3/8″	1″	1.82″	1.45″	.27″	4.28″							
YAG38L-2TC38-LD-45	2								4.24″							
YAG38L-2TC38-LD-90	3								2.81″							
YAG38L-2TC12-LD	1			1/2″	1-1/4″	1.82″	1.45″	.27″	4.72″							
YAG38L-2TC12-LD-45	2								4.64″							
YAG38L-2TC12-LD-90	3								3.16″							
YAG38L-2NTC-LD	1			1/2″	1-3/4″	1.82″	1.45″	.27″	5.28″							
YAG38L-2NTC-LD-45	2								5.24″							
YAG38L-2NTC-LD-90	3								3.81″							
YAG39L-2NTC-LD	1	600 kcmil	-	1/2″	1-3/4″	1.90″	1.19″	.27″	5.29″		-	-	U38RT (2)	Purple	400	1-3/8″
YAG39L-2NTC-LD-45	2								5.26″							
YAG39L-2NTC-LD-90	3								3.87″							
YAG40L-2TC38-LD	1	646 kcmil 1600/24	400	3/8″	1″	1.98″	1.42″	.30″	4.33″		-	-	U39RT (2)	Black	24	1-5/16″
YAG40L-2TC38-LD-45	2								4.23″							
YAG40L-2TC38-LD-90	3								2.72″							

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

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

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

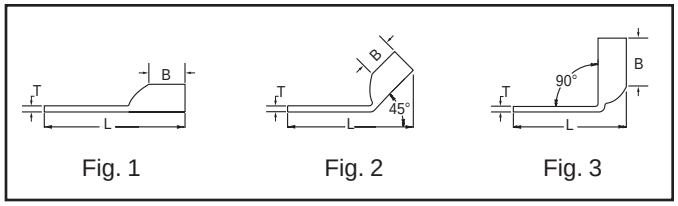

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAG40L-2NNT-LD	1	646 kcmil 1600/24	-	1/2″	1-3/4″	1.63″	1.42″	.30″	5.43″	Y644M (1)	-	-	U39RT (2)	Black	24	1-5/16″
YAG40L-2NNT-LD-45	2								5.42″							
YAG40L-2NNT-LD-90	3								3.91″							
YAG40L-2NTC-LD	1			1/2″	1-3/4″	1.98″	1.42″	.30″	5.43″							
YAG40L-2NTC-LD-45	2								5.42″							
YAG40L-2NTC-LD-90	3								3.91″							
YAG44L-2TC38-LD	1	777.7 kcmil 1925/24 750 kcmil CLASS I	500	3/8″	1″	2.18″	1.65″	.33″	4.80″		-	-	U44XRT (2)	Yellow	L115	1-5/8″
YAG44L-2TC38-LD-45	2								4.75″							
YAG44L-2TC38-LD-90	3								3.02″							
YAG44L-2TC12-LD	1			1/2″	1-1/4″	2.18″	1.65″	.33″	5.11″							
YAG44L-2TC12-LD-45	2								5.07″							
YAG44L-2TC12-LD-90	3								3.33″							
YAG44L-2TC12E3-LD	1			1/2″	1-1/2″	2.18″	1.65″	.33″	5.36″							
YAG44L-2TC12E3-LD-45	2								5.32″							
YAG44L-2TC12E3-LD-90	3								3.58″							
YAG44L-2NTC-LD	1			1/2″	1-3/4″	2.18″	1.65″	.33″	5.80″							
YAG44L-2NTC-LD-45	2								5.75″							
YAG44L-2NTC-LD-90	3								4.02″							
YAG44L-2TC58-LD	1			5/8″	1-1/2″	2.18″	1.65″	.33″	5.61″							
YAG44L-2TC58-LD-45	2								5.57″							
YAG44L-2TC58-LD-90	3								3.83″							

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

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

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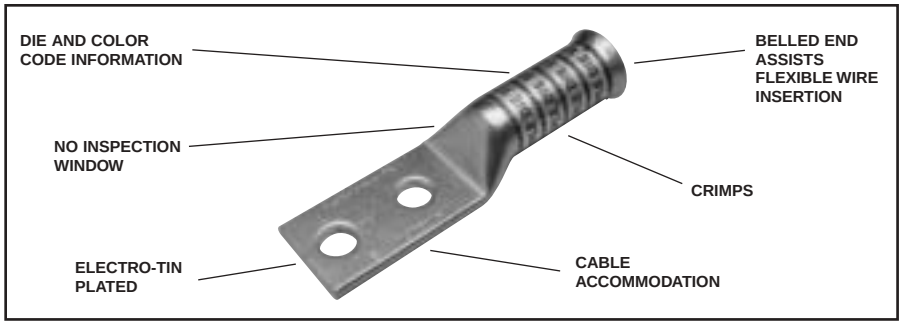
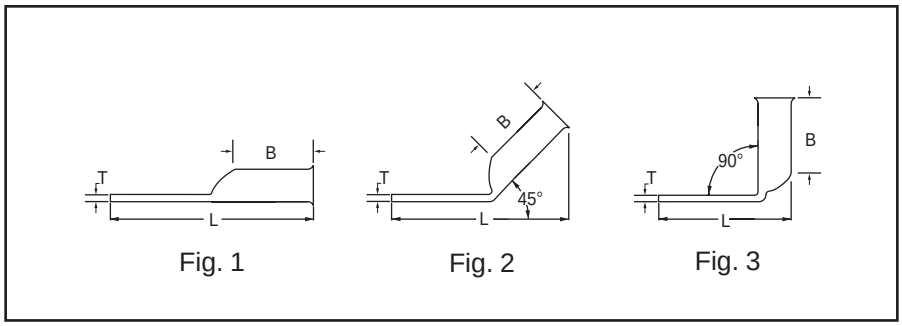
TWO HOLE HYLUG™ FLEX CONDUCTOR LONG BARREL BELLED END

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

COPPER COMPRESSION TERMINAL

UL Listed 90° C,
600 Volts to 35 KV ◆





Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YA8C2TC14E2-FXB	1	37/24	**	1/4″	3/4″	.41″	.90″	.08″	2.54″	Y8MRB-1 (2)	W8CRT (2)	W8CVT (2)	U8CRT (2)	Red	49	1″
YA8C2TC14-FXB	1	# 8 WELD		1/4″	5/8″	.41″	.90″	.08″	2.41″	Y2MR + Y1MR (2)	W8CVT (2)	W8CRT (2)				
YA8C2TC38-FXB	1	#8 AWG	10	3/8″	1″	.57″	.90″	.06″	2.98″	MY29-11 (2)	X8CRT (2)	X8CRT (2)				
YAV6C2TC14E2-FXB	1	61/24	**	1/4″	3/4″	.48″	1.22″	08″	2.88″	Y1MR (2)	W5CVT (2)	W5CVT (2)	U5CRT (2)	Blue	7	1-5/16″
YAV6C2TC14-FXB	1	#6 WELD		1/4″	5/8″	.48″	1.22″	.08″	2.76″	Y2MR (2)	W5CRT (2)	W5CRT (2)				
YAV6C2TC38-FXB	1	#6 AWG	16	3/8″	1″	.60″	1.22″	.06″	3.32″	MY29-11 (2)	X5CRT (2)	X5CRT (2)				
YAV6C2N-FXB	1			1/2″	1-3/4″	.77″	1.22″	.04″	4.51″	Y644M (1)						
YAV5C2TC14-FXB	1	#5 AWG	-	1/4″	5/8″	.44″	1.22″	.07″	2.76″	Y644M (1)						
YAV4C2TC14E2-FXB	1	91/24 - 105/24	-	1/4″	3/4″	.55″	1.22″	.09″	2.93″	Y2MR (4)	W4CVT (2)	W4CVT (2)	U4CRT (2)	Gray	8	1-5/16″
YAV4C2TC14E1-FXB	1			1/4″	1″	.55″	1.22″	.09″	3.18″	MY29-11 (2)	W4CRT (2)	W4CRT (2)				
YAV4C2TC14-FXB	1	#4 WELD		1/4″	5/8″	.55″	1.22″	.09″	2.81″	Y644M (1)	X4CRT (2)	X4CRT (2)				
YAV4C2TC516-FXB	1			5/16″	1″	.55″	1.22″	.09″	3.24″	Y1MR (4)						
YAV4C2TC38-FXB	1	#4 AWG		3/8″	1″	.63″	1.22″	.09″	3.37″							
YAV4C2N-FXB	1			1/2″	1-3/4″	.77″	1.22″	.09″	4.56″							
YA3C2TC516-FXB	1	105/24 - 125/24	-	5/16″	1″	.55″	1.48″	.09″	3.51″	MY29-11 (2)	W3CRT (2)	W3CRT (2)	U3CRT (2)	White	9	1-9/16″
YA3C2TC38-FXB	1	#3 WELD		3/8″	1″	.58″	1.48″	.09″	3.64″	Y644M (1)						
YA3C2N-FXB	1	#3 AWG		1/2″	1-3/4″	.77″	1.48″	.09″	4.83″							
YAV2C2TC14-FXB	1	125/24 - 150/24	35	1/4″	5/8″	.67″	1.35″	.10″	3.00″		W2CVT (2)	W2CVT (2)	U2CRT (2)	Brown	10	1-7/16″
YAV2C2TC14E2-FXB	1			1/4″	3/4″	.67″	1.35″	.10″	3.13″		W2CRT (2)	W2CRT (2)				
YAV2C2TC14E1-FXB	1			1/4″	1″	.67″	1.35″	.10″	3.38″		X2CRT (2)	X2CRT (2)				
YAV2C2TC516-FXB	1	#2 WELD		5/16″	1″	.67″	1.35″	.10″	3.44″							
YAV2C2TC38-FXB	1			3/8″	1″	.67″	1.35″	.10″	3.57″							
YAV2C2NT38-FXB	1	#2 AWG		3/8″	1″	.48″	1.35″	.10″	3.57″							
YAV2C2N-FXB	1			1/2″	1-3/4″	.77″	1.35″	.09″	4.76″							
YAV1C2TC14-FXB	1	175/24 - 225/24	-	1/4″	5/8″	.75″	1.50″	.12″	3.17″		W1CVT (2)	W1CVT (2)	U1CRT-1 (2)	Green	11	1-9/16″
YAV1C2TC14E2-FXB	1	#1 WELD		1/4″	3/4″	.75″	1.50″	.12″	3.30″		W1CRT-1 (2)	W1CRT-1 (2)				
YAV1C2TC38-FXB	1	#1 AWG		3/8″	1″	.75″	1.50″	.12″	3.74″		X1CRT-1 (2)	X1CRT-1 (2)				
YAV1C2N-FXB	1			1/2″	1-3/4″	.77″	1.50″	.12″	4.92″							
YAV252TC14-FXB	1	275/24	50	1/4″	5/8″	.83″	1.50″	.12″	3.21″		W25RT (4)	W25RT (4)	U25RT (2)	Pink	12	1-9/16″
YAV252TC14E2-FXB	1			1/4″	3/4″	.83″	1.50″	.12″	3.34″		W25VT (4)	W25VT (4)				
YAV252TC38-FXB	1	1/0 WELD		3/8″	1″	.83″	1.50″	.12″	3.78″		X25RT (4)	X25RT (4)				

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

Consult shielded cable manufactures for stress relief instructions.

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

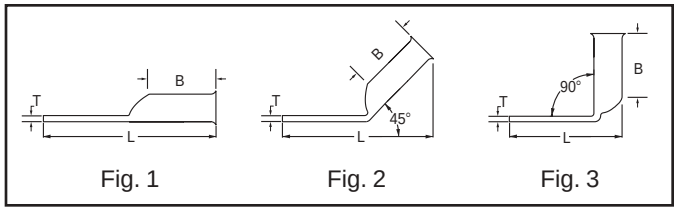

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAV252N-FXB	1	1/0 AWG	50	1/2″	1-3/4″	.83″	1.50″	.12″	4.96″	MY29-11 (2) Y644M (1)						
YAV262TC14-FXB	1	325/24 2/0 WELD 2/0 AWG	70	1/4″	5/8″	.93″	1.63″	.13″	3.40″		W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13	1-13/16″
YAV262TC14E2-FXB	1			1/4″	3/4″	.93″	1.63″	.13″	3.52″							
YAV262TC38-FXB	1			3/8″	1″	.93″	1.63″	.13″	3.96″							
YAV262NTC38-FXB	1			3/8″	1-3/4″	.93″	1.63″	.13″	4.71″							
YAV262N-FXB	1			1/2″	1-3/4″	.93″	1.63″	.13″	5.15″							
YAV272TC14E2-FXB	1	450/24 3/0 WELD 3/0 AWG	95	1/4″	3/4″	1.02″	1.64″	.14″	3.58″		W27RT (4) W27VT (4) X27RT (4)	W27RT (4) W27VT (4) X27RT (4)	U27RT (2)	Orange	14	1-13/16″
YAV272TC38-FXB	1			3/8″	1″	1.02″	1.64″	.14″	4.01″							
YAV272N-FXB	1			1/2″	1-3/4″	1.02″	1.64″	.14″	5.20″							
YAV282TC14E2-FXB	1	550/24 4/0 WELD 4/0 AWG	** 120	1/4″	3/4″	1.14″	1.77″	.14″	3.76″		W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15	1-7/8″
YAV282NT38-FXB	1			3/8″	1″	.75″	1.77″	.14″	4.20″							
YAV282TC38-FXB	1			3/8″	1″	1.14″	1.77″	.14″	4.20″							
YAV282TC38-FXB-45	2								3.92″							
YAV282TC38-FXB-90	3								2.39″							
YAV282NTC38-FXB	1			3/8″	1-3/4″	1.14″	1.77″	.14″	4.20″							
YAV282N-FXB	1			1/2″	1-3/4″	1.14″	1.77″	.14″	5.39″							
YAV292TC14E2-FXB	1	550/24 4/0 WELD	-	1/4″	3/4″	1.14″	2.00″	.15″	3.76″	Y644M (1)	W29VT (4) X29RT (6)	W29VT (4) W29RT (4) X29RT (6)	U29RT (2)	Yellow	16	1-7/8″
YAV292NT38-FXB	1			3/8″	1″	.75″	2.00″	.15″	4.20″							
YAV292TC38-FXB	1			3/8″	1″	1.14″	2.00″	.15″	4.20″							
YAV292TC38-FXB-45	2								3.92″							
YAV292TC38-FXB-90	3								2.39″							
YAV292NTC38-FXB	1			3/8″	1-3/4″	1.14″	2.00″	.15″	4.20″							
YAV292N-FXB	1			1/2″	1-3/4″	1.14″	2.00″	.15″	5.39″							
YA302TC38-FXB	1	250 FLEX - CLASS G 259 STR	-	3/8″	1″	1.20″	2.16″	.16″	4.61″							
YA302N-FXB	1	CLASS H 427 STR	-	1/2″	1-3/4″	1.20″	2.12″	.16″	5.80″							
YA312TC38-FXB	1	250 FLEX 637/24 CLASS I, K, M	150	3/8″	1″	1.29″	2.18″	.18″	4.66″		W30VT (4)	W30RT (4) W30VT (4)	U30RT (4)	White	17	2-1/4″
YA312N-FXB	1			1/2″	1-3/4″	1.29″	2.18″	.18″	5.85″							
YA322TC38-FXB	1	775/24 313.1 kcmil	185	3/8″	1″	1.40″	2.32″	.19″	4.85″		W31VT (4)	W31RT (4) W31VT (4)	U31RT (4)	Red	18	2-1/4″
YA322N-FXB	1			1/2″	1-3/4″	1.40″	2.32″	.19″	6.04″							
YA342TC14E2-FXB	1	925/24 373.7 kcmil (350 kcmil nom.)	240	1/4″	3/4″	1.55″	2.48″	.23″	4.66″		W32VT (4)	W32VT (4) W32RT (4)	U32RT (4)	Blue	19	2-9/16″
YA342TC38-FXB	1			3/8″	1″	1.55″	2.48″	.23″	5.10″							
YA342N-FXB	1			1/2″	1-3/4″	1.55″	2.48″	.23″	6.29″							
YA342N-FXB-45	2								5.93″							
YA342N-FXB-90	3								3.73″							
YA382TC38-FXB	1	1325/24 535.3 kcmil (500kcmil nom.)	300	3/8″	1″	1.84″	3.08″	.26″	6.01″		-	-	U38XRT (4)	Pink	L99	3-3/16″
YA382TC38-FXB-45	2								5.46″							
YA382TC38-FXB-90	3								2.86″							
YA382N-FXB	1			1/2″	1-3/4″	1.84″	3.08″	.26″	7.01″							
YA382N-FXB-45	2								6.46″							
YA382N-FXB-90	3								3.84″							
YA382-FXBG2	1			3/8″	2″	1.84″	3.08″	.27″	6.82″							
YA382-FXBG3	1			1/2″	1-7/8″	1.84″	3.08″	.27″	6.26″							
YA402N-FXB	1	1600/24 646 kcmil	400	1/2″	1-3/4″	1.98″	3.24″	.30″	7.22″		-	-	U39RT (4)	Black	24	3-5/16″
YA442TC38-FXB	1	1925/24 777.7 kcmil (750kcmil nom.)	500	3/8″	1″	2.19″	3.33″	.33″	6.44″		-	-	U44XRT (4)	Yellow	L115	3-7/16″
YA442N-FXB	1			1/2″	1-3/4″	2.19″	3.33″	.33″	7.44″							
YA462N-FXB	1	2750/24 1111 kcmil (1000kcmil nom.)	-	1/2″	1-3/4″	2.69″	3.58″	.39″	7.91″		-	-	P45RT (4) **	Yellow	29	3-11/16″

Consult cable manufacturers for stress relief instructions.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
* Use PUADP-1 adaptor with "U" -dies in Y46 HYPRESS™.

** The MM² conductor sizes referenced here are for both Class 2 and Class 5 conductors.
*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.
‡ P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adapter not required.

▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for "-FX" connectors.
Consult shielded cable manufactures for stress relief instructions.

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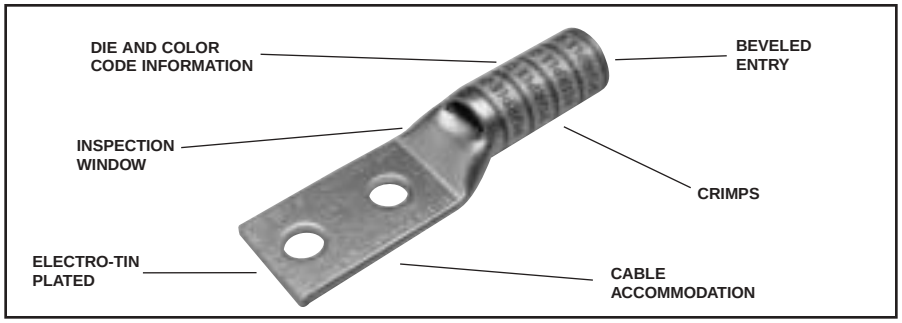
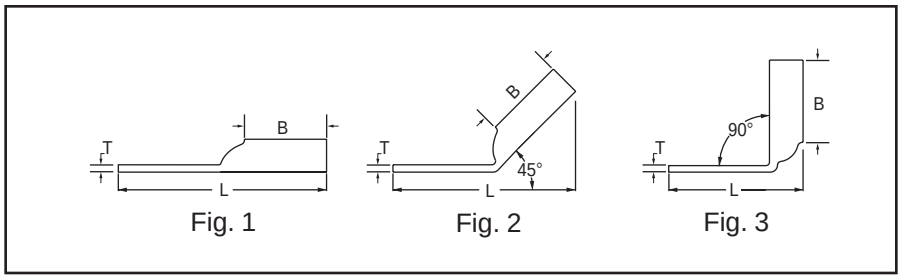
TWO HOLE HYLUG™ FLEX CONDUCTOR LONG BARREL WITH INSPECTION WINDOW

TYPE YAZ-FX

UL Listed 90° C,
600 Volts to 35 KV ◆





Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAZ8C2TC10FX	1	37/24 #8 WELD #3 AWG	** 10	# 10	5/8″	.41″	.75″	.08″	2.20″	Y8MRB-1 (1) Y2MR (2) MY29-11 (2) Y1MR (2)	W8CVT (2) W8CRT (2)) X8CRT (2)	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (2)	Red	49	1″
YAZ8C2TC10FX45	2								2.09″							
YAZ8C2TC10FX90	3								1.37″							
YAZ8C2TC10E2FX	1			# 10	3/4″	.41″	.75″	.08″	2.33″							
YAZ8C2TC10E2FX45	2								2.22″							
YAZ8C2TC10E2FX90	3								1.50″							
YAZ8C2TC14E1FX	1			1/4″	1″	.44″	.75″	.08″	2.70″							
YAZ8C2TC14E1FX45	2								2.60″							
YAZ8C2TC14E1FX90	3								1.87″							
YAZ8C2TC14FX	1			1/4″	5/8″	.44″	.75″	.08″	2.32″							
YAZ8C2TC14FX45	2								2.20″							
YAZ8C2TC14FX90	3								1.″							
YAZ8C2TC14E2FX	1			1/4″	3/4″	.44″	.75:″	.08″	2.45″							
YAZ8C2TC14E2FX45	2								2.33″							
YAZ8C2TC14E2FX90	3								1.62″							
YAZ8C2TC38FX	1			3/8″	1″	.58″	.75″	.06″	2.89″							
YAZ8C2TC38FX45	2								2.72″							
YAZ8C2TC38FX90	3								2.05″							
YAZV6C2TC10E2FX	1	61/24 #6 WELD #6 AWG	** 16	# 10	3/4″	.48″	.75″	.08″	2.64″	Y2MR (2) MY29-11 (2) Y644M (1) Y1MR (2)	W5CVT (2) W5CRT (2) X5CRT (2)	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	Blue	7	1-3/16″
YAZV6C2TC10E2FX45	2								2.48″							
YAZV6C2TC10E2FX90	3								1.51″							
YAZV6C2TC14FX	1			1/4″	5/8″	.48″	.75″	.08″	2.65″							
YAZV6C2TC14FX45	2								2.45″							
YAZV6C2TC14FX90	3								1.51″							
YAZV6C2TC14E2FX	1			1/4″	3/4″	.48″	.75″	.08″	2.78″							
YAZV6C2TC14E2FX45	2								2.58″							
YAZV6C2TC14E2FX90	3								1.63″							
YAZV6C2TC14E1FX	1			1/4″	1″	.48″	.75″	.08″	3.03″							
YAZV6C2TC14E1FX45	2								2.83″							
YAZV6C2TC14E1FX90	3								1.88″							
YAZV6C2TC38FX	1			3/8″	1″	.58″	.75″	.06″	3.22″							
YAZV6C2TC38FX45	2								2.97″							
YAZV6C2TC38FX90	3								2.06″							

* Use PUADP-1 adaptor with "U" -dies in Y46 HYPRESS™.
** The MM² conductor size referenced here is for both Class 2 and Class 5 conductor.
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TWO HOLE HYLUG™ FLEX CONDUCTOR LONG BARREL WITH INSPECTION WINDOW (Continued)

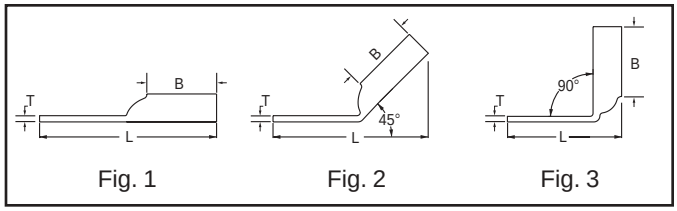

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAZV6C2TC38E2FX	1	61/24 #6 WELD #6 AWG	** 16	3/8″	3/4″	.58″	.75″	.06″	2.97″	Y1MR (2) Y2MR (2) MY29-11 (2) Y644M (1)	W5CVT (2) W5CRT (2) X5CRT (2)	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	Blue	7	1-3/16″
YAZV6C2TC38E2FX-45	2								2.72″							
YAZV6C2TC38E2FX-90	3								1.81″							
YAZV6C2TC38E6FX	1			3/8″	7/8″	.58″	.75″	.06″	3.09″							
YAZV6C2TC38E6FX-45	2								2.85″							
YAZV6C2TC38E6FX-90	3								1.94″							
YAZV4C2TC38E2-FX	1	91/24-105/24 #4 WELD #4 AWG	-	3/8″	3/4″	.58″	1.25″	08″	3.14″	Y1MR (4) Y2MR (4) MY29-11 (2) Y644M (1)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2)	Gray	8	1-5/16″
YAZV4C2TC38E2-FX-45	2								2.88″							
YAZV4C2TC38E2-FX-90	3								1.86″							
YAZV4C2TC38FX	1			3/8″	1″	.58″	1.25″	.08″	3.39″							
YAZV4C2TC38FX45	2								3.13″							
YAZV4C2TC38FX90	3								2.11″							
YAZV4C2TC14FX	1			1/4″	5/8″	.55″	1.25″	.09″	2.83″							
YAZV4C2TC14FX45	2								2.59″							
YAZV4C2TC14FX90	3								1.55″							
YAZV4C2TC14E2FX	1			1/4″	3/4″	.55″	1.25″	.09″	2.95″							
YAZV4C2TC14E2FX45	2								2.72″							
YAZV4C2TC14E2FX90	3								1.68″							
YAZV2C2TC14FX	1	125/24-150/24 #2 WELD #2 AWG	35	1/4″	5/8″	.68″	1.38″	.10″	3.01″		W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	1-7/16″
YAZV2C2TC14FX45	2								2.75″							
YAZV2C2TC14FX90	3								1.60″							
YAZV2C2TC14E2FX	1			1/4″	3/4″	.68″	1.38″	.10″	3.13″							
YAZV2C2TC14E2FX45	2								2.87″							
YAZV2C2TC14E2FX90	3								1.73″							
YAZV2C2TC38FX	1			3/8″	1″	.68″	1.38″	.10″	3.57″							
YAZV2C2TC38FX45	2								3.31″							
YAZV2C2TC38FX90	3								2.16″							
YAZV2C2NTCFX	1			1/2″	1-3/4″	.83″	1.38″	.10″	4.76″							
YAZV2C2NTCFX45	2								4.50″							
YAZV2C2NTCFX90	3								3.35″							
YAZV1C2TC14FX	1	175/24-225/24 #1 WELD #1 AWG	-	1/4″	5/8″	.75″	1.38″	.12″	3.04″	MY29-11 (2) Y644M (1)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	U1CRT-1 (2)	Green	11	1-7/16″
YAZV1C2TC14FX45	2								2.81″							
YAZV1C2TC14FX90	3								1.64″							
YAZV1C2TC14E1FX	1			1/4″	1″	.75″	1.38″	.12″	3.41″							
YAZV1C2TC14E1FX45	2								3.18″							
YAZV1C2TC14E1FX90	3								2.01″							
YAZV1C2TC14E2FX	1			1/4″	3/4″	.75″	1.38″	.12″	3.16″							
YAZV1C2TC14E2FX45	2								2.93″							
YAZV1C2TC14E2FX90	3								1.76″							
YAZV1C2TC38FX	1			3/8″	1″	.75″	1.38″	.12″	3.60″							
YAZV1C2TC38FX45	2								3.37″							
YAZV1C2TC38FX90	3								2.20″							
YAZV1C2TC516E6FX	1			5/16″	7/8″	.75″	1.38″	.12″	3.35″							
YAZV1C2TC516E6FX-45	2								3.12″							
YAZV1C2TC516E6FX-90	3								1.95″							
YAZV1C2TC516FX	1			5/16″	1″	.75″	1.38″	.12″	3.47″							
YAZV1C2TC516FX45	2								3.24″							
YAZV1C2TC516FX90	3								2.08″							

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

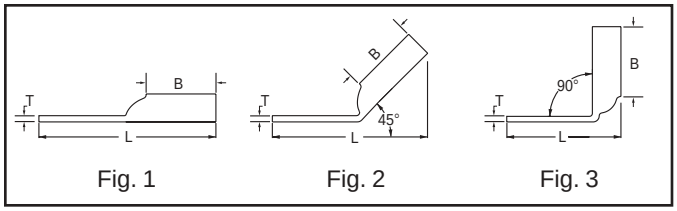

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAZV252TC14FX	1	275/24 1/0 WELD 1/0 AWG	50	1/4″	5/8″	.83″	1.50″	.12″	3.20″	MY29-11 (2) Y644M (1)	W25VT (4) W25RT (4) X25RT (4)	W25VT (4) W25RT (4) X25RT (4)	U25RT (2)	Pink	12	1-9/16″
YAZV252TC14FX45	2								2.92″							
YAZV252TC14FX90	3								1.66″							
YAZV252TC14E2FX	1			1/4″	3/4″	.83″	1.50″	.12″	3.32″							
YAZV252TC14E2FX45	2								3.04″							
YAZV252TC14E2FX90	3								1.79″							
YAZV252TC38FX	1			3/8″	1″	.83″	1.50″	.12″	3.76″							
YAZV252TC38FX45	2								3.48″							
YAZV252TC38FX90	3								2.23″							
YAZV252NTCFX	1			1/2″	1-3/4″	.83″	1.50″	.12″	4.95″							
YAZV252NTCFX45	2								4.67″							
YAZV252NTCFX90	3								3.41″							
YAZV262TC14FX	1	325/24 2/0 WELD 2/0 AWG	70	1/4″	5/8″	.93″	1.50″	.13″	3.20″		W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13	1-9/16″
YAZV262TC14FX45	2								2.92″							
YAZV262TC14FX90	3								1.66″							
YAZV262TC14E2FX	1			1/4″	3/4″	.93″	1.50″	.13″	3.32″							
YAZV262TC14E2FX45	2								3.05″							
YAZV262TC14E2FX90	3								1.79″							
YAZV262TC38FX	1			3/8″	1″	.93″	1.50″	.13″	3.76″							
YAZV262TC38FX45	2								3.48″							
YAZV262TC38FX90	3								2.23″							
YAZV262NTCFX	1			1/2″	1-3/4″	.93″	1.50″	.13″	4.95″							
YAZV262NTCFX45	2								4.67″							
YAZV262NTCFX90	3								3.41″							
YAZV272TC14E2FX	1	450/24 3/0 WELD 3/0 AWG	95	1/4″	3/4″	1.03″	1.50″	.14″	3.36″		W27VT (4) W27RT (4) X27RT (4)	W27VT (4) W27RT (4) X27RT (4)	U27RT (2)	Orange	14	1-9/16″
YAZV272TC14E2FX-45	2								3.08″							
YAZV272TC14E2FX-90	3								1.82″							
YAZV272TC38FX	1			3/8″	1″	1.03″	1.50″	.14″	3.80″							
YAZV272TC38FX45	2								3.52″							
YAZV272TC38FX90	3								2.25″							
YAZV282TC14E2FX	1	550/24 4/0 WELD 4/0 AWG	** 120	1/4″	3/4″	1.14″	1.62″	.15″	3.52″		W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15	1-11/16″
YAZV282TC14E2FX45	2								3.23″							
YAZV282TC14E2FX90	3								1.86″							
YAZV282NT38FX	1			3/8″	1″	.94″	1.62″	.15″	3.96″							
YAZV282NT38FX-45	2								3.67″							
YAZV282NT38FX-90	3								2.30″							
YAZV282TC38FX	1			3/8″	1″	1.14″	1.62″	.15″	3.96″							
YAZV282TC38FX45	2								3.67″							
YAZV282TC38FX90	3								2.30″							
YAZV282NTCFX	1			1/2″	1-3/4″	1.14″	1.62″	.15″	4.93″							
YAZV282NTCFX45	2								4.64″							
YAZV282NTCFX90	3								3.27″							
YAZV292NT516FX	1	550/24 4/0 WELD	-	5/16″	1-3/4″	1.20″	2.00″	.16″	4.62″	Y644M (1)	W29VT (4) X29RT (8)	W29RT (4) W29VT (4) X29RT (8)	U29RT (2)	Yellow	16	1-11/16″
YAZV292NT516FX-45	2								4.35″							
YAZV292NT516FX-90	3								2.96″							

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

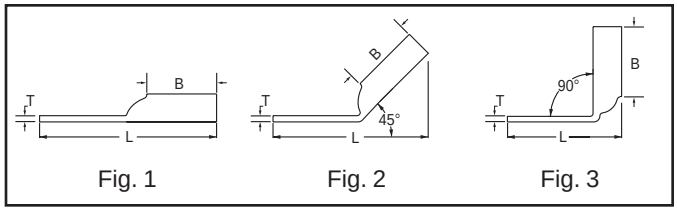

Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig #	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions (B)	Figure Dimensions (T)	Figure Dimensions (L)	▲ Installation Tooling: Dieless (# of crimps)	Mechanical: MD6, OUR840, MD7-34R	Hydraulic: BCT500HS, Y500CTHS	Hydraulic: Y35, Y39, Y750, Y46*, PAT750	Color Code	Die Index	Wire Strip Length
YAZ302TC38FX	1	250 FLEX CLASS G 259 STR. CLASS H 427 STR.		3/8″	1″	1.20″	2.00″	.16″	4.42″	Y644M (1)	W29VT (4) X29RT (8)	W29RT (4) W29VT (4) X29RT (8)	U29RT (2)	Yellow	16	2-1/16″
YAZ302TC38FX-45	2								4.05″							
YAZ302TC38FX-90	3								2.37″							
YAZ312TC38FX	1	250 FLEX 637/24 CLASS I, K, M	150	3/8″	1″	1.28″	2.00″	.18″	4.45″		W30VT (4)	W30VT (4) W30RT (4)	U30RT (4)	White	17	2-1/16″
YAZ312TC38FX45	2								4.10″							
YAZ312TC38FX90	3								2.41″							
YAZ312TC14E2FX	1			1/4″	3/4″	1.29″	2.00″	.18″	4.02″							
YAZ312TC14E2FX-45	2								3.66″							
YAZ312TC14E2FX-90	3								1.97″							
YAZ322TC38FX	1	775/24 313.1 kcmil	185	3/8″	1″	1.55″	2.12″	.19″	4.62″		W31VT (4)	W31VT (4) W31RT (4)	U31RT (4)	Red	18	2-3/16″
YAZ322TC38FX45	2								4.25″							
YAZ322TC38FX90	3								2.46″							
YAZ342TC14E2FX	1	373.3 kcmil 925/24 (350 MCM NOM)	240	1/4″	3/4″	1.55″	2.25″	.23″	4.42″		W32VT (4)	W32VT (4) W32RT (4)	U32RT (4)	Blue	19	2-5/16″
YAZ342TC14E2FX-45	2								4.06″							
YAZ342TC14E2FX-90	3								2.10″							
YAZ342NT38FX	1			3/8″	1″	.96″	2.25″	.23″	4.85″							
YAZ342NT38FX-45	2								4.50″							
YAZ342NT38FX-90	3								2.54″							
YAZ342TC38FX	1			3/8″	1″	1.55″	2.25″	.23″	4.85″							
YAZ342TC38FX45	2								4.50″							
YAZ342TC38FX90	3								2.54″							
YAZ342NTCFX	1			1/2″	1-3/4″	1.55″	2.25″	.23″	6.04″							
YAZ342NTCFX45	2								5.69″							
YAZ342NTCFX90	3								3.73″							
YAZ362TC38FX	1	1100/24 444.4 kcmil	-	3/8″	1″	1.72″	2.69″	.27″	5.55″		-	-	U34RT (4)	Brown	20	2-3/4″
YAZ362TC38FX45	2								5.14″							
YAZ362TC38FX90	3								2.81″							
YAZ382NT38FX	1	535.3 kcmil 1325/24 (500 MCM NOM)	300	3/8″	1″	1.63″	2.81″	.27″	5.72″		-	-	U38XRT (4)	Pink	L99	2-7/8″
YAZ382NT38FX-45	2								5.26″							
YAZ382NT38FX-90	3								2.84″							
YAZ382TC38FX	1			3/8″	1″	1.81″	2.81″	.27″	5.72″							
YAZ382TC38FX45	2								5.26″							
YAZ382TC38FX90	3								2.84″							
YAZ382NNTFX	1			1/2″	1-3/4″	1.63″	2.81″	.27″	6.72″							
YAZ382NNTFX-45	2								6.26″							
YAZ382NNTFX-90	3								3.84″							
YAZ382NTCFX	1			1/2″	1-3/4″	1.81″	2.81″	.27″	6.72″							
YAZ382NTCFX45	2								6.26″							
YAZ382NTCFX90	3								3.84″							

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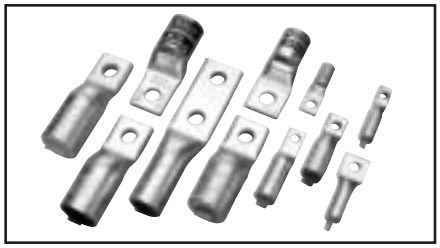
E-LINE HYLUG™ EQUIPMENT LINE

TYPE YAE COPPER AND ALUMINUM COMPRESSION TERMINAL

UL Listed 90° C,
600 Volts to 35 KV ◆



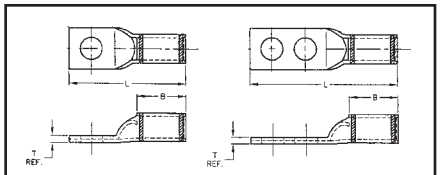
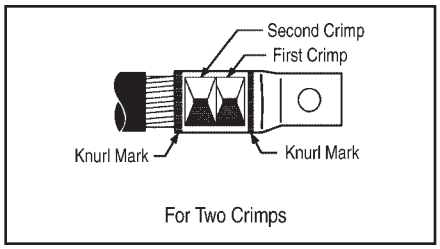


Fig. 1 Fig. 2



For Two Crimps

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

COPPER E-LINE HYLUG™ COMPRESSION TERMINALS

Catalog Number	Fig No.	Conductor Accommodations: Copper Only: Conventional Wire Size	Conductor Accommodations: Copper Only: Expanded Wire Range using Y644M	Bolt Size	Bolt Hole Spacing	Tongue Width (max)	Dimensions B	Dimensions T	Dimensions L	† Installation Tooling: Dieless Y644M, PAT644M (number of crimps)	† Installation Tooling: Mechanical MD6, MD7 (number of crimps)	† Installation Tooling: Hydraulic Y35, Y750, Y46*, PAT750 (number of crimps)	Color Code	Die Index	Wire Strip Length
YA25LN50T14E	1	1/0 AWG	#6 - 1/0 AWG	1/4	-	0.50	0.88	0.12	1.84	(1)	W25RT (2)	U25RT (1)	Pink	12	15/16″
YA25LN64T516E	1			5/16	-	0.64	0.88	0.12	1.96		W25VT (2)	U2CABT (1)		348	
YA26LN50T14E	1	2/0 AWG	#4 - 2/0 AWG	1/4	-	0.50	0.94	0.12	1.94	(1)	W26RT (2) W26VT (2)	U26RT (1)	Black	13	1″
YA30LN98T516E	1	300 Kcmil	2/0 AWG - 300 Kcmil	5/16	-	0.98	1.03	0.16	2.31	(1)	W30RT (2)	U30RT (2)	White	17	1-1/16″
YA30L24N100T38E	1			3/8	-	1.00	1.03	0.16	2.44			U28ART (2)		298	
YA342LNN119T12E	2	500 Kcmil	4/0 AWG - 500 Kcmil	1/2	1.75	1.19	1.27	0.23	5.06	(1)		U34RT (2)	Brown	20	1-5/16″
YA342LNN131T12E	2			1/2	1.75	1.31	1.27	0.23	5.06			U31ART (2)		299	
YA34L6N131T12E	1			1/2	-	1.31	1.27	0.23	3.31			P34RT (2)			
YA39L6N131T12E	1	750 Kcmil	500 - 750 Kcmil	1/2	-	1.31	1.42	0.27	3.61	(1)		U39RT (2)	Black	24	1-1/2″

ALUMINUM E-LINE HYLUG™ COMPRESSION TERMINALS

Catalog Number	Fig No.	Conductor Accommodations: Aluminum: Conventional Wire Size	Conductor Accommodations: Copper or Aluminum: Expanded Wire Range using Y644M	Bolt Size	Bolt Hole Spacing	Tongue Width (max)	Dimensions B	Dimensions T	Dimensions L	† Installation Tooling: Dieless Y644M, PAT644M (number of crimps)	† Installation Tooling: Mechanical MD6, MD7, Y500CT (number of crimps)	† Installation Tooling: Hydraulic Y35, Y750, Y46*, PAT750 (number of crimps)	Color Code	Die Index	Wire Strip Length
YA8CA3S56T14E	1	#8 AWG	#8 AWG	1/4	-	0.56	0.62	0.09	1.65	(1)	-	U8CABT (1)	Blue	374	11/16″
YA2CA5S53T14E	1	#2 AWG	#6 - #2 AWG	1/4	-	0.53	1.00	0.22	2.25	(1)	-	U2CABT (1)	Pink	348	1-3/16″
YA2CA1S91T516E	1			5/16	-	0.91	1.12	0.16	2.50						
YA25A1S60T516E	1	1/0 AWG	#1 - 1/0 AWG	5/16	-	0.63	1.00	0.21	2.29	(1)	-	U25ART (1)	Tan	296	1-1/8″
YA25A3N69T38E	1			3/8	-	0.69	1.05	0.21	2.38						
YA27A10S76T516E	1	3/0 AWG	#1 - 3/0 AWG	5/16	-	0.76	1.11	0.26	2.58	(1)	-	U27ART (2)	Ruby	467	1-3/16″
YA30A9N100T516E	1	300 Kcmil	2/0 AWG - 300 Kcmil	5/16	-	1.00	1.53	0.36	3.12	(1)	-	U30ART (2)	Blue	470	1-5/8″
YA30A6N100T38E	1			3/8	-	1.00	1.53	0.36	3.20						
YA30A1N131T12E	1			1/2	-	1.31	1.53	0.35	3.57						
YA31A11N100T516E	1	350 Kcmil	3/0 AWG - 350 Kcmil	5/16	-	1.00	1.85	0.39	3.51	(1)	-	U31ART (2)	Brown	299	1-7/8″
YA31A9N100T38E	1			3/8	-	1.00	1.85	0.39	3.59						
YA32A8N106T516E	1	400 Kcmil	4/0 AWG - 400 Kcmil	5/16	-	1.06	2.26	0.43	3.92	(1)	-	U32ART (4)	Green	472	2-5/16″
YA34A8N131T38E	1	500 Kcmil	4/0 AWG - 500 Kcmil	3/8	-	1.31	1.64	0.35	3.88	(2)		U34ART (4)	Pink	300	1-11/16″
YA34A3N131T12E	2			1/2	1.75	1.31	1.64	0.35	5.71						
YA34A7N131T12E	1			1/2	-	1.31	1.64	0.35	3.88						
YA36A9N131TD12E	1	600 Kcmil	250 - 600 Kcmil	1/2	-	1.31	1.64	0.39	3.98						
YA36A3N131TD12E	2			1/2	1.75	1.31	1.64	0.39	5.71						
YA39A5N131TD12E	2	750 Kcmil	500 - 750 Kcmil Aluminum	1/2	1.75	1.31	1.86	0.31	6.09						1-15/16″
YA39A1N131TD12E	1		500 Kcmil Copper Only	1/2	-	1.31	1.86	0.31	4.28						

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

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

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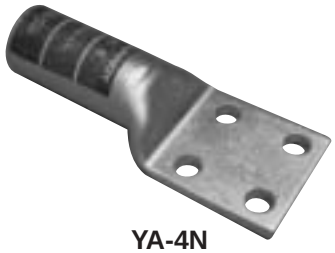
FOUR HOLE HYLUG™ CODE CONDUCTOR

TYPE YA



YA-4N

YAB-4N

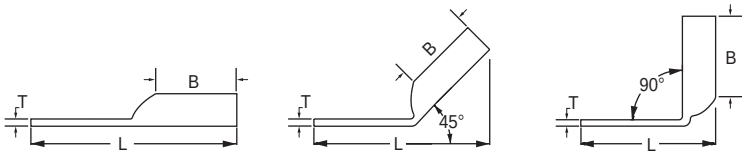


Fig. 1 Fig. 2 Fig. 3

Catalog Number	Fig.#	Conductor AWG	Conductor *** MM²	Stud Hole Size	Stud Hole Spacing	Tongue Width	Tongue Angle	Installation Tooling B	T	L	Hydraulic (Y35, Y39, Y750, Y46*) * **	Color Code	Die Index	Wire Strip Length
YA444N	1	1000 kcmil	500	1/2″	1.75″	3″	Straight	3.00	.23	7.14	P44RT	White	27	3-1/16″
YA444N-45	2			1/2″	1.75″	3″	45 Degree	3.00	.23	6.71	P44RT	White	27	1-15/16″
YA444N-90	3			1/2″	1.75″	3″	90 Degree	3.00	.23	4.02	P44RT	White	27	1-15/16″
YA-454N	1	1250 kcmil	-	1/2″	1.75″	3″	Straight	3.19	.30	7.44	P45RT	Yellow	29	3-1/4″
YA-454N-45	2		-	1/2″	1.75″	3″	45 Degree	3.19	.30	7.03	P45RT	Yellow	29	2-1/16″
YA-454N-90	3		-	1/2″	1.75″	3″	90 Degree	3.19	.30	4.13	P45RT	Yellow	29	2-1/16″
YA464N	1	1500 kcmil	-	1/2″	1.75″	3″	Straight	3.19	.34	7.55	P46RT	Green	31	3-1/4″
YA464N-45	2		-	1/2″	1.75″	3″	45 Degree	3.19	.34	7.15	P46RT	Green	31	3-5/16″
YA464N-90	3		-	1/2″	1.75″	3″	90 Degree	3.19	.34	4.29	P46RT	Green	31	3-5/16″
YA47N	1	1750 kcmil	-	1/2″	1.75″	3.10″	Straight	3.44	.39	7.89	‡L47RT	Gray	33	3-1/2″
YA47N-45	2		-	1/2″	1.75″	3.10″	45 Degree	3.44	.39	7.45	‡L47RT	Gray	33	3-1/2″
YA47N-90	3		-	1/2″	1.75″	3.10″	90 Degree	3.44	.39	4.30	‡L47RT	Gray	33	3-1/2″
YA484N	1	2000 kcmil	-	1/2″	1.75″	3.06″	Straight	3.44	.46	7.98	‡L48RT	Brown	34	3-1/2″
YA484N-45	2		-	1/2″	1.75″	3.06″	45 Degree	3.44	.46	7.60	‡L48RT	Brown	34	3-1/2″
YA484N-90	3		-	1/2″	1.75″	3.06″	90 Degree	3.44	.46	4.40	‡L48RT	Brown	34	3-1/2″
YA4864N	1	2500 kcmil	-	1/2″	1.75″	3.46″	Straight	4.69	.52	9.38	‡L486RT	-	-	4-3/4″
YA4864N-45	2		-	1/2″	1.75″	3.46″	Straight	4.69	.52	8.72	‡L486RT	-	-	4-3/4″
YA4864N-90	3		-	1/2″	1.75″	3.46″	Straight	4.69	.52	4.55	‡L486RT	-	-	4-3/4″
YAB344N	1	500 kcmil	-	1/2″	1.75″	3.00″	Straight	2.25	.25	6.33	U36RT	Green	22	2-1/2″
YAB444N	1	1000 kcmil	-	1/2″	1.75″	3.03″	Straight	3.00	.50	7.67	P44RT	White	27	3-1/16″
YAB464N	1	1500 kcmil	-	1/2″	1.75″	3.00″	Straight	3.19	.50	7.63	P46RT	Green	31	3-1/4″

Available undrilled. Add suffix "U" to catalog number (example YA444NU).
* Use PUADP-1 adaptor with "U" dies in Y46 HYPRESS™.
** "P" dies for use with Y46 HYPRESS™ only. PUADP-1 adapter not required.

*** The MM² conductor sizes listed are for Class 2 conductor. For applications greater than 2000 Volts, consult cable manufacturer for voltage stress relief instructions.
‡ Requires Y60BHU HYPRESS™

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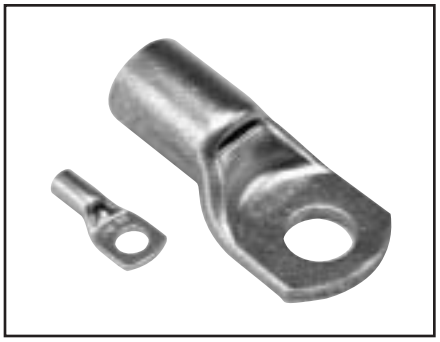
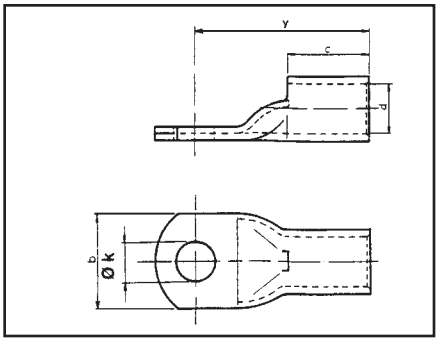
TYPE YAV

HYLUG™

NON-INSULATED COPPER TUBULAR TERMINALS 0.3 - 1000 mm²

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





Catalog Number	mm²	Stud size	d	y	b	c	Øk	Pack Qty.	Mechanical tools: Tooling number	Mechanical tools: MRD29		Hydraulic tools: Y29BH Y29NC		Hydraulic tools: Y35BH Y35		Hydraulic tools: Y644M
YAV18T4	0.3 - 1.2	3.0	1.4	13.7	4.8	6.9	3.1	100	Y10R4BY							
YAV18T5		3.5		15.5	6.1		3.7									
YAV18T1		4.0		15.5	8.0		4.3									
YAV18		5.0		15.5	8.0		5.1									
YAV025M35	1.5 - 2.5	3.5	2.3	13.7	6.0	6.9	3.7	100	Y10R4BY							
YAV025M4		4.0		15.2	8.0		4.3									
YAV025M5		5.0		15.2	8.0		5.3									
YAV025M6		6.0		16.7	10.4		6.4									
YAV14T3		8.0		17.9	11.1		8.4									
YAV04M4	2.5 - 4	4.0	2.6	15.2	6.9	6.9	4.3	100	Y10R4BY							
YAV04M5		5.0		15.2	7.6		5.3									
YAV04M6		6.0		16.7	9.1		6.4									
YAV06M35	4 - 6	3.5	3.3	17.9	7.0	9.5	3.7	50	Y10R4BY							
YAV06M4		4.0		19.4	8.0		4.3									
YAV06M5		5.0		19.9	10.0		5.3									
YAV06M6		6.0		20.9	11.0		6.4									
YAV06M8		8.0		23.4	13.0		8.4									
YAV10T38		10.0		22.5	14.2		10.5									
YAV06FM4	Flex 6	4.0	3.8	18.1	8.0	9.9	4.3	50	Y10R4BY							
YAV06FM5		5.0		19.1	9.7		5.3									
YAV06FM6		6.0		20.1	11.0		6.4									
YAV06FM8		8.0		22.1	13.0		8.4									
YAV06FM10		10.0		24.1	14.0		10.5									
										N	I	N	I	N	I	
YAV10M4	10	4.0	4.6	19.4	10.3	12.0	4.3	50	Y10R4BY MY2913GE2	50NC1	50PIO-25C	DV8L	Y29PL	UV8CD	Y35P1 + Y29PQS (Y29PQ10B1 UK)	DIELESS
YAV10M5		5.0		20.4	10.3		5.3									
YAV10M6		6.0		21.4	11.1		6.4									
YAV10M8		8.0		23.4	14.3		8.4									
YAV10M10		10.0		25.4	14.3		10.5									
YAV10M12		12.0		28.4	18.5		12.3									
YAV16M5	16	5.0	5.7	22.9	12.7	14.0	5.3	50	MY2913GE2	50NC1		DV6L		UV6CD		
YAV16M6		6.0		23.9	12.7		6.4									
YAV16M8		8.0		25.9	15.0		8.4									
YAV16M10		10.0		27.9	15.0		10.5									
YAV16M12		12.0		30.9	18.5		13.2									
YAV25M5	25	5.0	7.2	24.7	13.9	15.0	5.3	50	MY2913GE2	50NC2		DV4L		UV4CD		
YAV25M6		6.0		25.7	13.9		6.4									
YAV25M8		8.0		27.7	15.9		8.4									
YAV25M10		10.0		29.7	15.9		10.5									
YAV25M12		12.0		32.7	18.5		13.2									

N = Nest die, I = Indentor

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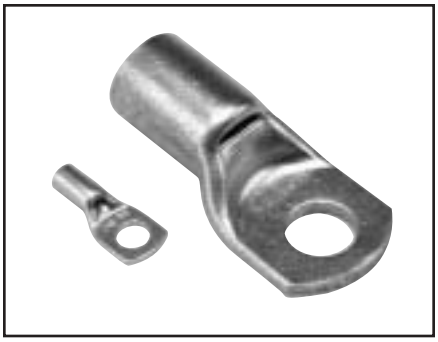
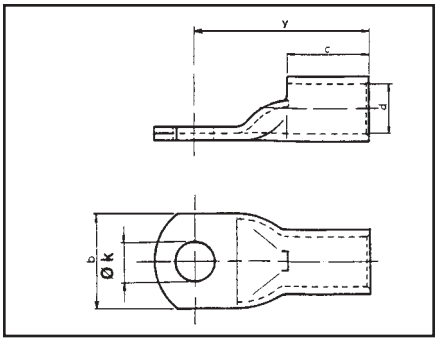
TYPE YAV

HYLUG™

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





Catalog Number	mm²	Stud size	d	y	b	c	Øk	Pack Qty.	Mechanical tools: Tooling number	Mechanical tools: MRD29 N	Mechanical tools: MRD29 I	Hydraulic tools: Y29BH Y29NC N	Hydraulic tools: Y29BH Y29NC I	Hydraulic tools: Y35BH Y35 N	Hydraulic tools: Y35BH Y35 I	Y644M
YAV35M5	35	5	8.5	27.4	15.9	17.0	5.3	50	MY2913GE2	50NC2	50P35-70C	DV2L	Y29PL	UV2CD	Y35P1 + Y29PQS (Y29PQ11B1 UK)	DIELESS
YAV35M6		6		28.4	15.9		6.4									
YAV35M8		8		30.4	15.9		8.4									
YAV35M10		10		32.4	15.9		10.5									
YAV35M12		12		35.4	19.8		13.2									
YAV50M5	50	5	9.5	30.9	18.2	20.0	5.3	50	MY2913GE2	50NC2		DV1L		UV1CD		
YAV50M6		6		31.9	18.2		6.4									
YAV50M8		8		33.9	18.2		8.4									
YAV50M10		10		35.9	18.2		10.5									
YAV50M12		12		38.9	19.8		13.2									
YAV50M14		14		38.9	21.5		15.0									
YAV50M16		16		41.9	22.4		17.0									
YAV50FM5	Flex 50	5	10.0	30.9	18.2	20.0	5.3	50	MY2913GE2	50NC12						
YAV50FM6		6		31.9	19.5		6.4									
YAV50FM8		8		33.9	19.5		8.4									
YAV50FM10		10		35.9	19.5		10.5									
YAV50FM12		12		38.9	21.8		13.2									
YAV50FM14		14		38.9	21.8		15.0									
YAV50FM16		16		41.9	22.4		17.0									
YAV70M5	70	5	11.3	32.4	21.4	21.0	5.3	25	MY2913GE2	50NC1 -2X		DV25L	Y29PR	UV25D	Y35P1 + Y29PQ6S (Y29PQ12B1 UK)	
YAV70M6		6		33.4	21.4		6.4									
YAV70M8		8		35.4	21.4		8.4									
YAV70M10		10		37.4	21.4		10.5									
YAV70M12		12		40.4	22.4		13.2									
YAV70M14		14		40.4	22.4		15.0									
YAV70M16		16		43.4	22.4		17.0									
YAV70FM5	Flex 70	5	12.8	37.4	23.8	25.0	5.3	25	MY2913GE2	50NC1 - 2X	50P95-120C	DV26L		UV26D		
YAV70FM6		6		38.4			6.4									
YAV70FM8		8		40.4			8.4									
YAV70FM10		10		42.4			10.5									
YAV70FM12		12		45.4			13.2									
YAV70FM14		14		45.4			15.0									
YAV70FM16		16		48.4			17.0									
YAV95M8	95	8	13.4	41.4	25	25.0	8.4	25	MY2913GE2	50NC2 - 2X		DV27L*		UV27D		
YAV95M10		10		43.4			10.5									
YAV95M12		12		46.4			13.2									
YAV95M14		14		46.4			15.0									
YAV95M16		16		49.4			17.0									

N = Nest die, I = Indentor
*DV27L - DV28L - only for Y29BH

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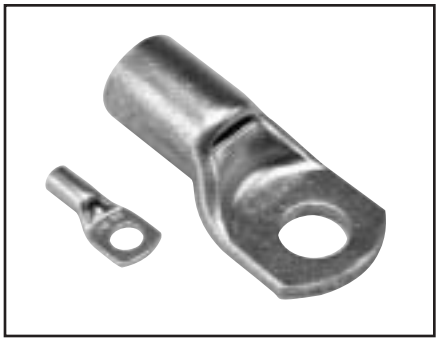
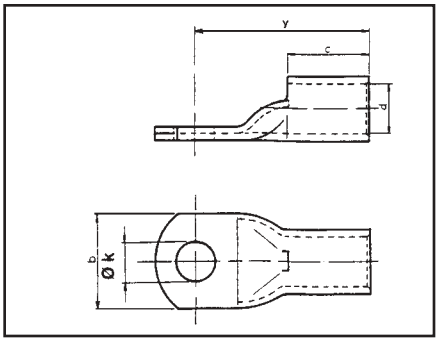
TYPE YAV

HYLUG™

NON-INSULATED COPPER TUBULAR TERMINALS
0.3 - 1000 mm^2
(Continued)





Catalog Number	mm^2	Stud size	d	y	b	c	Øk	Pack Qty.	Mechanical tools			Hydraulic tools					
									Tooling number	MRD29		Y29BH Y29NC		Y35BH Y35		Y644M
										N	I	N	I	N	I	
YAV95FM8	Flex 95	8	14.2	41.4	25.0	25.0	8.4	25	MY2913GE2	50NC2 -2X	50P95-120C	DV27L*	Y29PR	UV27D	Y35P1 + Y29PQ6S (Y29PQ12B1 UK)	DIELESS
YAV95FM10		10		43.4			10.5									
YAV95FM12		12		46.4			13.2									
YAV95FM14		14		46.4			15.0									
YAV95FM16		16		49.4			17.0									
YAV120M8	120	8	15.0	44.4	29.0	27.0	8.4	25	MY2913GE2	50NC1 - 2X		DV28L*		UV28D		
YAV120M10		10		46.4			10.5									
YAV120M12		12		49.4			13.2									
YAV120M14		14		49.4			15.0									
YAV120M16		16		52.4			17.0									
YAV120M20		20		58.4			21.0									
YAV120FM8	Flex 120	8	15.9	44.4	29.0	27.0	8.4	25	MY2913GE2	50NC1 - 2X						
YAV120FM10		10		46.4			10.5									
YAV120FM12		12		49.4			13.2									
YAV120FM14		14		49.4			15.0									
YAV120FM16		16		52.4			17.0									
YAV120FM20		20		58.4			21.0									

N = Nest die, I = Indentor
*DV27L - DV28L - only for Y29BH
Y260DBHM takes U-Dies with adaptor 26UADP
Y46 takes U-Dies with adaptor PUADP-1

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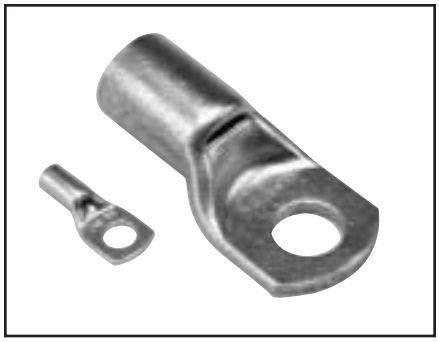
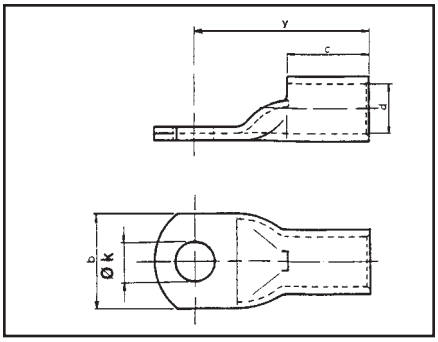
TYPE YAV

HYLUG™

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





Catalog Number	mm²	Stud size	d	y	b	c	Øk	Pack Qty.	Hydraulic tools: Y35BH Y35 N	Y35BH Y35 I	Y644M	Y260DBHM N	Y260DBHM I	Y46* N	Y46* I	UK Y22BH N	UK Y22BH I
YAV150M10	150	10	16.5	52.3	30.4	27.0	10.5	10	U30D	Y35P1 + Y29PQ7S (Y29PQ12B1 UK)	DIELESS	26M30D	26P30-34C	U30D	PUADP + Y35P3 + Y34PR		EDBP1 + Y20PQ8
YAV150M12		12		55.3			13.2										
YAV150M14		14		55.3			15.0										
YAV150M16		16		58.3			17.0										
YAV150M20		20		64.3			21.0										
YAV150FM10	Flex 150 UK	10	17.8	55.9	32.8	28.6	10.5	10	U31D			26M31D		U31D		ED31BD	
YAV150FM12		12		58.9			13.2										
YAV150FM14		14		58.9			15.0										
YAV150FM16		16		61.9			17.0										
YAV150FM20		20		67.9			21.0										
YAV185M10	185	10	18.4	61.8	35.7	30.2	10.5	10									
YAV185M12		12		64.8			13.2										
YAV185M14		14		64.8			15.0										
YAV185M16		16		67.8			17.0										
YAV185M20		20		73.8			21.0										
YAV185FM10	Flex 185 UK	10	19.4	61.8	35.7	30.2	10.5		U32D			26M32D		U32D		ED32BD	
YAV185FM12		12		64.8			13.2										
YAV185FM14		14		64.8			15.0										
YAV185FM16		16		67.8			17.0										
YAV185FM20		20		73.8			21.0										
YAV240M10	240	10	21.2	68.2	39.6	34.9	10.5	10	U34D			26M34D		U34D			EDBP1 + Y20PQ10
YAV240M12		12		71.2			13.2										
YAV240M14		14		71.2			15.0										
YAV240M16		16		74.2			17.0										
YAV240M20		20		80.2			21.0										
YAV240FM10	Flex 240 UK	10	22.0	73.4	41.0	36.0	10.5	10	U35BD			26M35BD	26P36C	U35BD		ED35BD	
YAV240FM12		12		76.4			13.2										
YAV240FM14		14		76.4			15.0										
YAV240FM16		16		79.4			17.0										
YAV240FM20		20		85.4			21.0										
YAV300M12	300	12	23.4	77.3	43.0	43.0	13.2	10	U36D			26M36D		U36D			
YAV300M14		14		78.3			15.0										
YAV300M16		16		80.3			17.0										
YAV300M20		20		86.3			21.0										
YAV300FM12	Flex 300 UK	12	24.2	81.4	45.0	43.0	13.2	10	U37BD			26M37BD		U37BD		ED37BD	
YAV300FM14		14		82.4			15.0										
YAV300FM16		16		84.4			17.0										
YAV300FM20		20		90.4			21.0										

N = Nest die, I = Indentor
Y260DBHM takes U-Dies with adaptor 26UADP
* Y46 takes U-Dies with adaptor PUADP-1
Y22BH takes U-Dies with adaptor 22UADP

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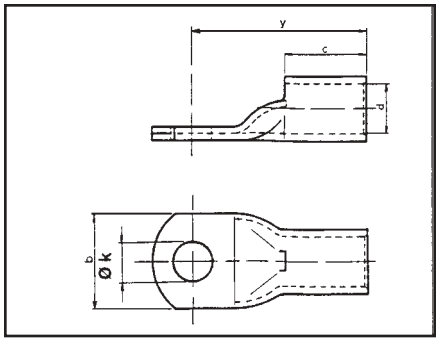
TYPE YAV

HYLUG™

NON-INSULATED COPPER TUBULAR TERMINALS 0.3 - 1000 mm^2 (Continued)



Catalog Number	mm^2	Stud size	d	y	b	c	Øk	Pack Qty.	Hydraulic tools: Y644M	Y260DBHM N	Y260DBHM I	Y46* N	Y46* I	UK-Y22BH N	UK-Y22BH I	Y530DBHM N	Y530DBHM I
YAV350M12	350 (700 MCM)	12	25.0	77.3	46.0	43.0	13.2	10	DIELESS	26M38D	26P-36C	P38D	P44PR		EDPB1 + Y20PQ10	53M38D	53P40-45C
YAV350M16		16		80.3			17.0										
YAV350M20		20		86.3			21.0										
YAV375M12	375 (750 MCM)	12	26.2	81.3	48.0	43.0	13.2	10		26M39D		P39D				53M39D	
YAV375M16		16		84.3			17.0										
YAV375M20		20		90.3			21.0										
YAV400M12	400	12	26.7	81.3	49.5	43.0	13.2	10		26M40D	26P40-45C	P40D				53M40D	
YAV400M14		14		82.3			15.0										
YAV400M16		16		84.3			17.0										
YAV400M20		20		90.3			21.0										
YAV400FM12	Flex 400 UK	12	27.2	83.6	51.0	44.0	13.2	10		26M41D		P41D		ED41BD		53M41D	
YAV400FM14		14		84.6			15.0										
YAV400FM16		16		86.6			17.0										
YAV400FM20		20		92.6			21.0										
YAV500M12	500	12	29.8	87.8	55.1	47.7	13.2	10		26M44D		P44D		ED44BD	EDPB1 + Y20PQ11	53M44D	
YAV500M14		14		88.8			15.0										
YAV500M16		16		90.8			17.0										
YAV500M20		20		96.8			21.0										
YAV630M16	630	16	33.3	96.7	61.8	51.0	17.0	10		26M45D		P45D				53M45D	
YAV630M20		20		102.7			21.0										
YAV630FM20	Flex 630 UK	20	34.4	104.6	63.0	53.0	21.0	10						ED453BD	EDPB2 + Y22PQ12		
YAV630FM22		22		106.6			23.8										
YAV800M20*	800 (1500 MCM)	20	38.0	113.6	67.5	52.0	21.0	10				HEAD		ED466BD	EDPB2 + Y48PQ2	53M46D	53P46-48C
YA47L	800 (1750 MCM)	20	39.6	116.4	67.5	52.0	21.0	10								53M47D	
YA48L	1000 (2000 MCM)	20	42.2	127.2	77.7	55.0	21.0	10						ED488D		53M48D	

N = Nest die, I = Indentor
Y260DBHM takes U-Dies with adaptor 26UADP
* Y46 takes U-Dies with adaptor PUADP-1
Y22BH takes U-Dies with adaptor 22UADP
Y530DBHM takes U-Dies with adaptor 53UADP.

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TYPE YAS-L-2TC-FX,60

TWO HOLE HYLUG™ - DOUBLE BARREL

COPPER COMPRESSION TERMINAL

UL Listed 90° C,
600 Volts to 35 KV ◆

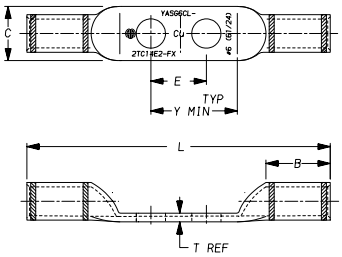

Fig. 1

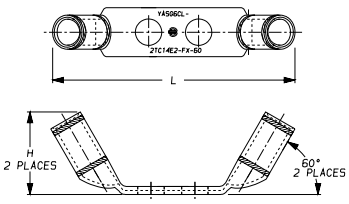

Fig. 2

CATALOG NUMBER	CONDUCTOR FLEX	CONDUCTOR AWG	CONDUCTOR *** MM²	BOLT SIZE	FIG. NO.	DIMENSIONS B	DIMENSIONS C	DIMENSIONS E	DIMENSIONS H	DIMENSIONS L	DIMENSIONS T REF.	DIMENSIONS Y MIN.	INSTALLATION TOOLING DIE INDEX	INSTALLATION TOOLING COLOR CODE	INSTALLATION TOOLING MECHANICAL MD7-34 MD6 OUR840	INSTALLATION TOOLING MECHANICAL Y1MRTC Y2MR Y8MRB-1	INSTALLATION TOOLING HYDRAULIC Y750, Y35, Y39, Y46*	WIRE STRIP LENGTH
YASG8CL-2TC14E2-FX	#8 WELD 37/24	#8 AWG	10	1/4″	1	.44 (11)	.44 (11)	.75 (19)	–	2.7 (70)	.08 (2)	1.14 (29)	49	RED	W8CVT W8CRT (1)	Y8MRB-1 Y2MR (1) Y1MRTC (1)	U8CRT (1)	1/2″
YASG8CL-2TC14E2-FX-60					2				.66 (17)	2.6 (67)								
YASG6CL-2TC14E2-FX	#6 WELD 61/24	#6 AWG	16	1/4″	1	.50 (13)	.48 (12)	.75 (19)	–	3.0 (78)	.08 (2)	1.14 (29)	7 or 374	BLUE	W5CVT W5CRT (1)	Y2MR (1) Y1MRTC (1)	U5CRT (1)	9/16″
YASG6CL-2TC14E2-FX-60					2				.68 (17)	2.9 (75)								
YASV6CL-2TC14E2-FX**	#6 WELD 61/24	#6 AWG	16	1/4″	1	.50 (13)	.48 (12)	.75 (19)	–	3.0 (78)	.08 (2)	1.14 (29)	7 or 374	BLUE	W5CVT W5CRT (1)	Y2MR (1) Y1MRTC (1)	U5CRT (1)	9/16″
YASV6CL-2TC14E2-FX-60**					2				.68 (17)	2.9 (75)								

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

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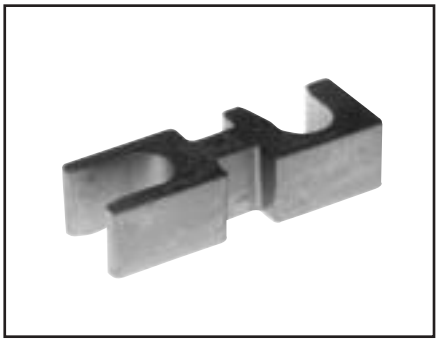
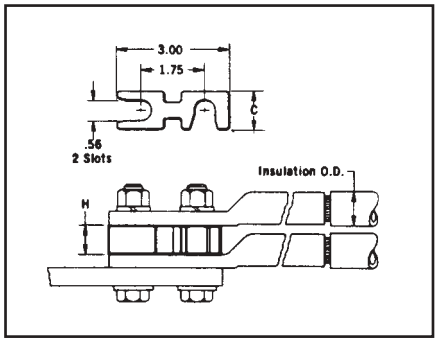
TYPE ASA-U

HYSTACK™

TERMINAL STACKING ADAPTOR FOR ALUMINUM AND COPPER TERMINALS

The HYSTACK™ adaptor is specially designed to allow standard terminals to be stacked on two or four hole NEMA transformer or equipment terminal pads. HYSTACK™ is tin-plated, high-conductivity aluminum to provide optimum corrosion resistance. Only three sizes accommodate terminals from 250 mcm through 1000 mcm to help keep costly inventories to a minimum.





ACCOMMODATES COPPER AND ALUMINUM COMPRESSION TERMINALS				
CONDUCTOR MAX.	INSULATION O.D.	CATALOG NUMBER	C	H
250 mcm	.868	**ASA250U**	1.00	.77
800 mcm	1.372	**ASA800U**	1.00	1.13
1000 mcm	1.494	**ASA1000U**	1.25	1.25

To stack 4 hole NEMA drilled terminals use 2 adaptors assembled side by side.

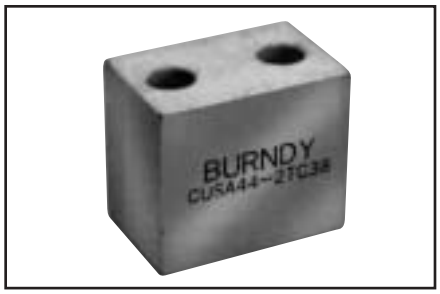
ASA-U stacking adaptors are recommended for use with any BURNDY® UL listed compression terminal, 2 or 4 hole NEMA pad aluminum and copper lugs,types YA, YA-L, YA-A, and for all 2-hole NEMA spaced lugs in the OVERHEAD and UNDERGROUND catalog sections.

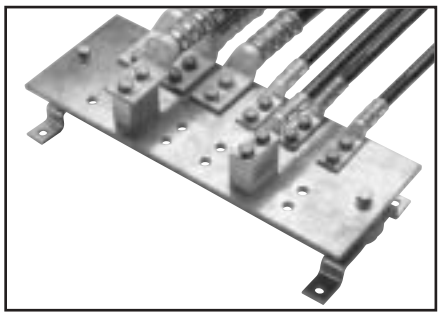
TYPE CUSA

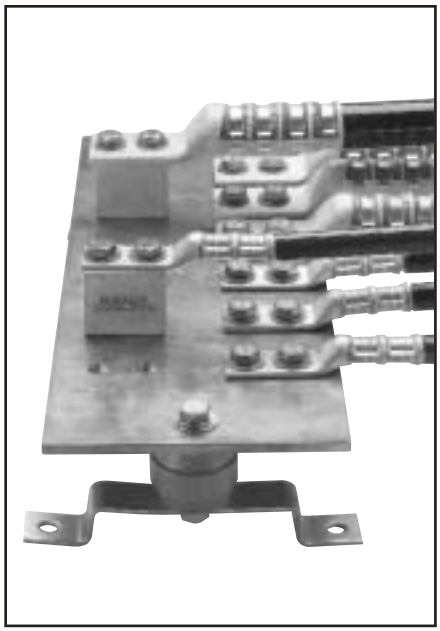
HYSTACK™

TERMINAL STACKING ADAPTOR

This HYSTACK™ adaptor is specially designed to get terminals to the back end of a bus bar or other areas that require terminals to be elevated off the mounting surface. This HYSTACK™ is made from high conductivity copper and tin-plated to provide optimum corrosion resistance. It will accommodate #10 AWG through 750 kcmil HYLUGS™.







Catalog Number	Stud Hole Size	Stud Hole Spacing	Length	Width	Height
CUSA442TC38	3/8"	1"	1.75"	1.12"	1.50"
CUSA442NTC	1/2"	1 - 3/4"	2.50"	1.12"	1.50"

Reference: Catalog number TMH332.
This TMH332 Kit has just the right hardware when using the CUSA442TC38 HYSTACK™ on a 1/4" bus bar with a 4/0 through 750 kcmil HYLUG™.

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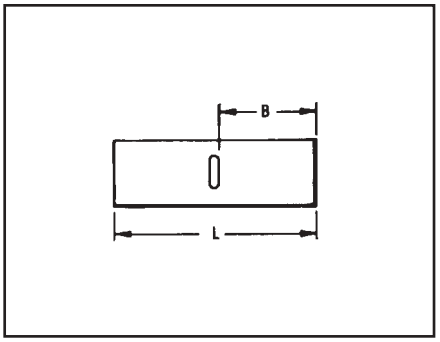
TYPE YS-L

HYLINK™ SPLICE STANDARD BARREL

COPPER COMPRESSION

UL Listed 90° C,
600 Volts to 35 KV ◆



Features and Benefits

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

CATALOG NUMBER	CONDUCTOR AWG	CONDUCTOR *** MM²	DIMENSION L	DIMENSION B	INSTALLATION TOOLING ▲ MECHANICAL Y1MRTC Y2MR	MECHANICAL MD7-34R	MECHANICAL MD6 OUR840	Y35, ■ Y39, Y750, Y46* DIE NUMBER (# CRIMPS)	COLOR CODE	▲ DIE INDEX & EMBOSSMENT	WIRE STRIP LENGTH
YS8C-L-BOX	8 str.	10	1.24	.44	Y2MR (1) Y1MRTC (1)	W8CVT (1)	X8CRT (1)	U8CRT (1)	RED	49	1/2"
YS6C-L BOX	6 str.	—	1.75	.81	Y2MR (1) Y1MRTC (1)	W5CVT (1)	X5CRT (1)	UCRT (1)	BLUE	7 or 374	7/8"
YS5C-L BOX	5 str.	16	1.90	.81							
YS4C-L BOX	4 str.	—	1.93	.81	Y2MR (2) Y1MRTC (2)	W4CVT (1)	X4CRT (1)	U4CRT (1)	GRAY	8 or 346	7/8"
YS3C-L	3 str.	25	2.05	.88	Y1MRTC (2)	—	—	U3CRT (1)	WHITE	9	15/16"
YS2C-L BOX	2 str.	—	2.07	.88	Y2MR (2) Y1MRTC (2)	W2CVT (1)	X2CRT (1)	U2CRT (1)	BROWN	10	15/16"
YS1C-L BOX	1 str.	50	2.06	.88	Y1MRTC (2)	W1CVT (1)	X1CRT (1)	U1CRT-1 (1)	GREEN	11 or 375	15/16"
YS25-L BOX	1/0 str.	—	2.08	.88	—	W25VT (2)	X25RT (2)	U25RT (1)	PINK	12 or 348	15/16"
YS26-L BOX	2/0 str.	70	2.17	.94	—	W26VT (2)	X26RT (2)	U26RT (1)	BLACK	13	1"
YS27-L BOX	3/0 str.	95	2.30	1.00	—	W27VT (2)	X27RT (2)	U27RT (1)	ORANGE	14	1-1/16"
YS28-L BOX	4/0 str.	—	2.32	1.00	—	W28VT (2)	X28RT (2)	U28RT (1)	PURPLE	15	1-1/16"
YS29-L BOX	250 kcmil	120	2.46	1.06	—	W29VT (2)	—	U29RT (1)	YELLOW	16	1-1/8"
YS30-L	300 kcmil	150	2.47	1.06	—	W30VT (2)	—	U30RT (2)	WHITE	17 or 298	1-1/8"
YS31-L	350 kcmil	185	2.60	1.12	—	W31VT (2)	—	U31RT (2)	RED	18 or 324	1-3/16"
YS32-L	400 kcmil	—	2.74	1.19	—	W32VT (2)	—	U32RT (2)	BLUE	19 or 470	1-1/4"
YS34-L	500 kcmil	240	3.15	1.38	—	W34VT (2)	—	U34RT (2)	BROWN	20 or 299	1-7/16"
YS36-L	600 kcmil	300	3.22	1.38	—	—	—	U36RT (2)	GREEN	22 or 472	1-7/16"
YS38-L	700 kcmil	—	3.22	1.38	—	—	—	U38RT (2)	PINK	400	1-7/16"
YS39-L	750 kcmil	—	3.72	1.62	—	—	—	U39RT (2)	BLACK	24	1-11/16"
YS44-L	1000 kcmil	500	4.28	1.88	—	—	—	P44RT** (2)	WHITE	27	1-15/16"

▲ See tooling section of this catalog for complete tool and die listings.
* Use PUADP-1 adapter with "U" dies in Y46 HYPRESS™.
** P44RT for use with Y46 HYPRESS™ only. PUADP-1 adaptor not required.
*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.

■ The maximum size for the Y35 is 400 kcmil insulated code cable.
■ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instuctions.

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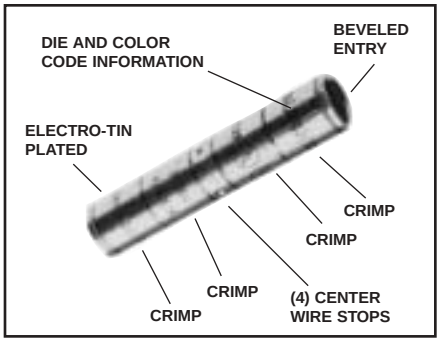
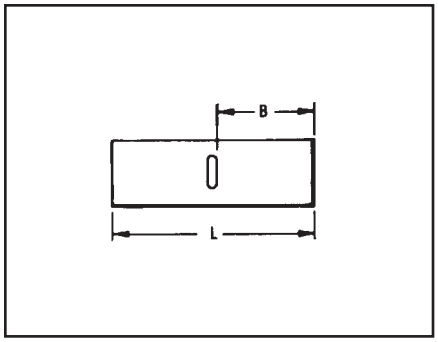
TYPE YS

HYLINK™ SPLICE - LONG BARREL

COPPER COMPRESSION SPLICE

UL Listed 90° C,
600 Volts to 35 KV ◆





Features and Benefits

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

CATALOG NUMBER	CONDUCTOR AWG	CONDUCTOR *** MM²	DIMENSION L	DIMENSION B	INSTALLATION TOOLING ▲ MECHANICAL Y1MRTC Y2MR	MECHANICAL MD7-34R	MECHANICAL MD6 OUR840	Y35 ■, Y39, Y750, Y46* DIE NUMBER (# CRIMPS)	COLOR CODE	▲ DIE INDEX & EMBOSSMENT	WIRE STRIP LENGTH
YS8C	8 str.	10	1.75	.78	Y2MR (2) Y1MRTC (2)	W8CVT (2)	X8CRT (2)	U8CRT (2)	Red	49	7/8"
YS6C	6 str.	—	2.38	1.09		W5CVT (2)	X5CRT (2)	U5CRT (2)	Blue	7 or 374	1-3/16"
YS5C	5 str.	16	2.55	1.09							
YS4C	4 str.	—	2.55	1.09	Y2MR (4) Y1MRTC (4)	W4CVT (2)	X4CRT (2)	U4CRT (2)	Gray	8 or 346	1-3/16"
YS3C	3 str./2 sol.	25	2.80	1.22	Y1MRTC (4)	—	—	—	White	9	1-5/16"
YR2C2WT	2 str. - 2 sol.	25	2.90	1.44	Y2MR (4)	W2CVT/W2CRT	W2CVT/W2CRT	U2CRT (2)	Brown	10	1-5/8"
YS2C	2 str.	35	2.82	1.22	Y1MRTC (4)	W2CVT (2)	X2CRT (2)	U2CRT (2)	Brown	10	1-5/16"
YS1C	1 str.	50	3.07	1.34	Y1MRTC (4)	W1CVT (2)	X1CRT (2)	U1CRT-1 (2)	Green	11 or 375	1-7/16"
YS25	1/0 str.	—	3.06	1.34	—	W25VT (4)	X25RT (4)	U25RT (2)	Pink	12 or 348	1-7/16"
YS26	2/0 str.	70	3.30	1.45	—	W26VT (4)	X26RT (4)	U26RT (2)	Black	13	1-9/16"
YS27	3/0 str.	—	3.30	1.45	—	W27VT (4)	X27RT (4)	U27RT (2)	Orange	14	1-9/16"
YS28	4/0 str.	—	3.57	1.58	—	W28VT (4)	X28RT (4)	U28RT (2)	Purple	15	1-11/16"
YS29	250 kcmil	120	3.58	1.58	—	W29VT (4)	—	U29RT (2)	Yellow	16	1-11/16"
YS30	300 kcmil	150	4.34	1.95	—	W30VT (4)	—	U30RT (4)	White	17 or 298	2-1/16"
YS31	350 kcmil	185	4.35	1.95	—	W31VT (4)	—	U31RT (4)	Red	18 or 324	2-1/16"
YS32	400 kcmil	—	4.62	2.08	—	W32VT (4)	—	U32RT (4)	Blue	19 or 470	2-3/16"
YS34	500 kcmil	240	4.91	2.20	—	W34VT (4)	—	U34RT (4)	Brown	20 or 299	2-5/16"
YS36	600 kcmil	300	5.85	2.63	—	—	—	U36RT (4)	Green	22 or 472	2-3/4"
YS39	750 kcmil	—	6.38	2.81	—	—	—	U39RT (4)	Black	24	2-15/16"
YS44	1000 kcmil	500	6.95	2.94	—	—	—	P44RT** (4)	White	27	3-1/16"
YS46	1500 kcmil	—	7.01	3.13	—	—	—	P46RT** (6)	Green	31	3-1/4"
YS48	2000 kcmil	—	7.57	3.27	—	—	—	L48RT (4)	Brown	34	3-3/8"

① Not color coded.
* Use PUADP-1 adapter with "U" dies in Y46 HYPRESS™.
** P44RT for use with Y46 HYPRESS™ only. PUADP-1 adapter not required.
*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.

■ The maximum size for the Y35 is 400 kcmil.
▲ See tooling section of this catalog for complete tool and die listings.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instuctions.
† Requires Y60BHU HYPRESS™ with L48RT die set.

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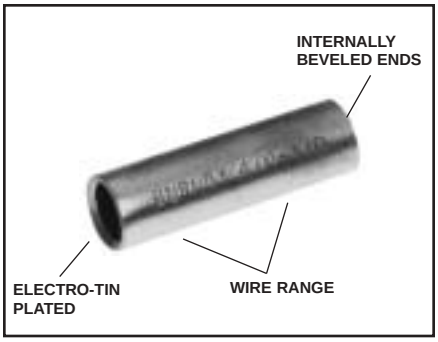
TYPES Y-R

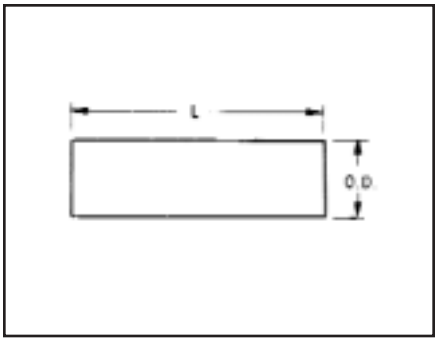
REDUCING ADAPTER

FOR COPPER

600 Volts to 35 KV◆

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



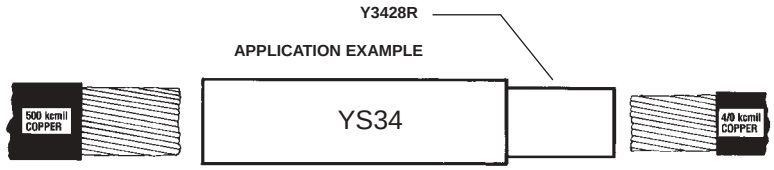


Features and Benefits

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

CATALOG NUMBER	WIRE RANGE		DIMENSIONS	
	FROM	TO	MAX O.D.	L
Y286CR	4/0 str.	6, 8 str. 6 sol.	.534	1.75
Y284WR		4 sol.		
Y284CR		4 str.		
Y282CR		2 str.		
Y281CR		1 str.		
Y2825R		1/0 str.		
Y2826R		2/0 str.		
Y2827R		3/0 str.		
Y2928R	250 kcmil	4/0	.582	1.62
Y302CR	300 kcmil	2	.637	2.00
Y304CR		4		
Y3025R		1/0		
Y3026R		2/0		
Y3027R		3/0		
Y3028R		4/0		
Y3126R	350 kcmil	2/0	.687	2.00
Y3128R		4/0		
Y3129R		250		
Y342CR	500 kcmil	2 str.	.821	2.50
Y3425R		1/0 str.		
Y3426R		2/0 str.		
Y3427R		3/0 str.		
Y3428R		4/0 str.		
Y3429R		250 kcmil		
Y3430R		300 kcmil		
Y3431R		350 kcmil		
Y3432R		400 kcmil		
Y3934R	750 kcmil	500 kcmil	.637	2.50
Y3936R		600 kcmil		
Y4439R	1000 kcmil	750 kcmil	1.296	3.19

Insert reducing adapter into splice connection as shown.



Crimp with U34RT, 2 crimps each side.

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TYPE YS-LB

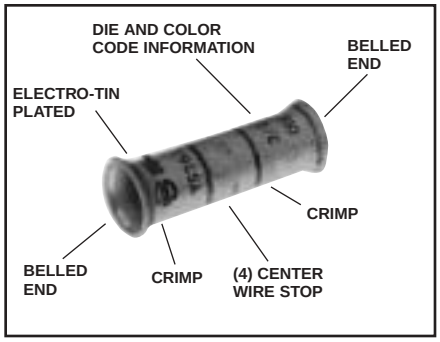
HYLINK™

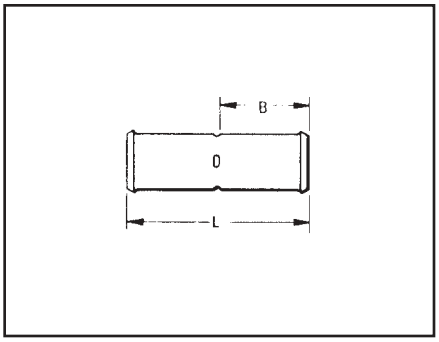
UNINSULATED BELLED COPPER COMPRESSION SPLICE

STANDARD LENGTH BELLED BARREL

UL Listed 90° C,
600 Volts to 35 kV◆

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





Features and Benefits

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

CATALOG NUMBER	COPPER CABLES *										
	CODE CABLE FLEX CABLE	NAVY CABLE	FLEXIBLE AND EXTRA FLEXIBLE CABLES							DIMENSION	
			CLASS "G"	CLASS "H"	CLASS "I"	BATTERY CABLE CLASS "K"	WELDING CABLE CLASS "M"	LOCOMOTIVE CABLE	METRIC CABLE	"B"	"L"
YS5C-LB	—	—	—	—	—	—	—	—	—	.81	1.75
	6 FLEX	—	#6 (49 str)	#6 (133 str)	#6 (63/24)	#6 (266/30)	#6 (665/34)	#6 (61/24)	—		
YS4C-LB	—	—	—	—	—	—	—	—	—	.81	1.75
	5 FLEX	—	#5 (49 str)	#5 (133 str)	#5 (84/24)	#5 (336/30)	#5 (836/34)	#5 (91/24)	—		
YS3C-LB	—	—	—	—	—	—	—	—	—	.81	1.88
	4 FLEX	—	#4 (49 str)	#4 (133 str)	#4 (105/24)	#4 (420/30)	#4 (1064/34)	#4 (105/24)	—		
YS2C-LB	—	—	—	—	—	—	—	—	—	.81	1.88
	3 FLEX	—	#3 (49 str)	#3 (133 str)	#3 (133/24)	#3 (532/30)	#3 (1323/24)	#3 (125/24)	—		
YS1C-LB	—	—	—	—	—	—	—	—	—	.81	1.88
	2 FLEX	—	#2 (49 str)	#2 (133 str)	#2 (161/24)	#2 (665/30)	#2 (1666/34)	#2 (150/24)	—		
YS25-LB	—	—	—	—	—	—	—	—	—	.81	1.88
	1 FLEX	—	#1 (133 str)	#1 (259 str)	#1 (210/24)	#1 (836/30)	#1 (2107/34)	#1 (225/24)	—		
YS26-LB	—	—	—	—	—	—	—	—	—	.94	2.00
	1/0 FLEX	—	1/0 (133 str)	1/0 (259 str)	1/0 (266/24)	1/0 (1064/30)	1/0 (2646/34)	1/0 (275/24)	—		
YS27-LB	—	—	—	—	—	—	—	—	—	1.00	2.13
	2/0 FLEX	—	2/0 (133 str)	2/0 (259 str)	2/0 (342/24)	2/0 (1323/30)	2/0 (3325/34)	2/0 (325/24)	—		
YS28-LB	—	—	—	—	—	—	—	—	—	1.00	2.13
	3/0 FLEX	—	3/0 (133 str)	3/0 (259 str)	3/0 (418/24)	3/0 (1666/30)	—	3/0 (450/24)	—		
YS29-LB	—	—	—	—	—	—	—	—	—	1.06	2.25
	4/0 FLEX	—	4/0 (133 str)	4/0 (259 str)	—	—	—	—	—		
YS30-LB	—	—	—	—	—	—	—	—	—	1.06	2.25
	4/0 - 250 FLEX	—	250 kcmil (259 str)	250 kcmil (427 str)	4/0 (532/24)	4/0 (2107/30)	4/0 (5320/34)	4/0 (550/24)	—		

- Contact BURNDY® for conductors not shown.
- ◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

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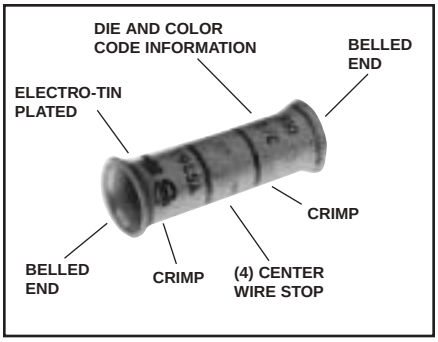
TYPE YS-LB

HYLINK™

UNINSULATED BELLED COPPER COMPRESSION SPLICE

STANDARD LENGTH BELLED BARREL



UL Listed 90° C,
600 Volts to 35 kV◆

(INSTALLATION TOOLING)

CATALOG NUMBER	CODE CABLE FLEX CABLE	INSTALLATION TOOLING ▲ DIELESS HYTOOL	DIE INDEX	COLOR CODE	DIE TYPE	HYDRAULIC TOOLING, DIE SETS, NO. OF CRIMPS ▲ Y35†	‡	Y39†, Y750†	‡	Y46*†	‡	WIRE STRIP LENGTH
① YS5C-LB	6 flex		1014	—	NEST INDENTOR	U6CD-1 Y34PR	1	U6CD-1 Y34PR	1	U6CD-1 Y34PR	1	7/8″
YS4C-LB	5 flex		1015	—	NEST INDENTOR	U4CD-1 Y34PR	1	U4CD-1 Y34PR	1	U4CD-1 Y34PR	1	7/8″
YS3C-LB	4 flex		1016	—	NEST INDENTOR	U3CD-1 Y34PR	1	U3CD-1 Y34PR	1	U3CD-1 Y34PR	1	15/16″
YS2C-LB	3 flex		1017	—	NEST INDENTOR	U2CD-1 Y34PR	1	U2CD-1 Y34PR	1	U2CD-1 Y34PR	1	15/16″
YS1C-LB	2 flex	MY29-11 (1) CRIMP/END	1018	—	NEST INDENTOR	U1CD-1 Y34PR	1	U1CD-1 Y34PR	1	U1CD-1 Y34PR	1	15/16″
YS25-LB	1 flex		1019	—	NEST INDENTOR	U25D-1 Y34PR-2	1	U25D-1 Y34PR-2	1	U25D-1 Y34PR-2	1	15/16″
YS26-LB	1/0 flex		1020	—	NEST INDENTOR	U26D-1 Y34PR-2	1	U26D-1 Y34PR-2	1	U26D-1 Y34PR-2	1	1″
YS27-LB	2/0 flex		1021	—	NEST INDENTOR	U27D-1 Y34PR-2	1	U27D-1 Y34PR-2	1	U27D-1 Y34PR-2	1	1-1/16″
YS28-LB	3/0 flex		1022	—	NEST INDENTOR	—	—	U28D-1 Y34PR-2	1	U28D-1 Y34PR-2	1	1-1/16″
YS29-LB	4/0 flex		1023	—	NEST INDENTOR	—	—	U29D-1 Y34PR-2	1	U29D-1 Y34PR-2	1	1-1/16″
YS30-LB	4/0-250 flex	—	1024	—	NEST INDENTOR	—	—	U30D-1 Y34PR-2	1	U30D-1 Y34PR-2	1	1-1/8″

† Use Y35P3 adaptor with Y34PR indentor.
* Use PUADP-1 adaptor with U-DIES in Y46 HYPRESS™.
‡ Number of Crimps.
▲ See Tooling section in this catalog for complete tool and die listings.
① Not color coded
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

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TYPES YS-T AND YSP-T

HIGH-VOLTAGE HYLINKS™

UNINSULATED HIGH VOLTAGE COPPER COMPRESSION SPLICE

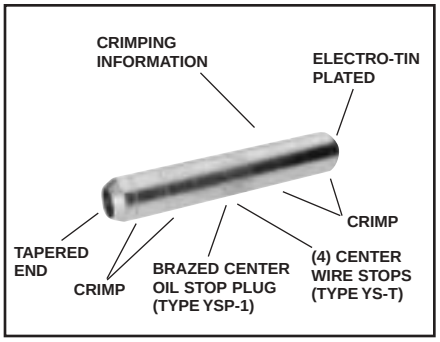
STANDARD BARREL - TAPERED ENDS

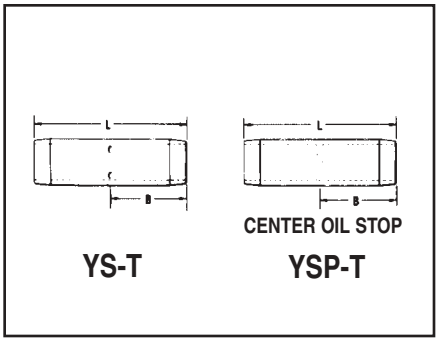
UL Listed 90° C,
600 Volts to 35 KV◆

Seamless types YS-T and YSP-T high conductivity copper electro-tin plated compression HYLINK™ high-voltage splices with standard barrel and tapered ends are ideally suited for higher voltage applications from 5KV through 35 KV.

Type YS-T splice connector has four center wire stops for proper conductor insertion.

Type YSP-T splice connector has a brazed in place center plug to prevent the passage of oil between two oil filled conductors or between conductors without oil and conductors with oil and acts as a center wire stop for proper conductor insertion.





Features and Benefits

- Tapered connector ends per EEI standard TD160.
  - ◊ Suitable for use on voltages 5KV through 35KV to aid in preventing corona emission and simplify taping thus lowering installed cost.
- Type YS-T four center wire stops.
  - ◊ Provides a center wire stop for proper conductor insertion.
- Type YSP-T has a center plug permanently brazed in place.
  - ◊ Prevents oil within oil-filled conductors from passing through the splice connector and provides a center strip for proper conductor insertion.

CATALOG NUMBER		CODE	DIMENSIONS		INSTALLATION TOOLING - NEST/INDENTOR ▲					WIRE STRIP LENGTH
YS-T	YSP-T	CONDUCTORS	B	L	Y34B Y34PR INDENTOR NEST DIE	Y35, Y39, Y750 Y34PR INDENTOR Y35P3 ADAPTOR NEST DIE	Y35, Y39, Y750 Y46*, PAT750 DIE NUMBER (# OF CRIMPS PER END)	DIE INDEX ▲	NO. OF INDENT	
YS6C-T	YSP6C-T	6 str.	.90	2.16	B6CD	U6CD-1	U5CRT (2)	7	1	15/16″
YS4C-T	YSP4C-T	4 str.	.90	2.16	B4CD	U4CD-1	U4CRT (2)	8	1	15/16″
YS2C-T	YSP2C-T	2 str.	.98	2.34	B2D	U2D-1	U2CRT (2)	10	1	1″
YS1C-T	YSP1C-T	1 str.	.97	2.31	B1D	U1D-1	U1CRT-1 (2)	11	1	1″
YS25-T	YSP25-T	1/0 str.	.98	2.35	B25D	U25D-1	U25RT (2)	12	1	1-3/32″
YS26-T	YSP26-T	2/0 str.	1.04	2.47	B26D	U26D-1	U26RT (2)	13	1	1-3/32″
YS28-T	YSP28-T	4/0 str.	1.13	2.67	B28D	U28D-1	U28RT (2)	15	1	1-3/16″
YS29-T	YSP29-T	250 kcmil	1.21	2.85	B29D	U29D-1	U29RT (2)	16	1	1-3/32″
YS30-T	—	300 kcmil	1.22	2.87	B30D	U30D-1	U30RT (4)	17	2	1-5/16″
YS31-T	YSP31-T	350 kcmil	1.32	3.09	B31D	U31D-1	U31RT (4)	18	2	1-3/5″
YS34-T	YSP34-T	500 kcmil	1.68	3.86	No Die Needed	U34D-1	U34RT (4)	20	2	1-3/4″
YS39-T	YSP39-T	750 kcmil	2.00	4.60	—	—	U39RT (4)	24	2	2-1/8″

* Use adapter PUADP-1 with "U" Dies in Y46 HYPRESS™. Y46 HYPRESS™ uses the same nest indentor and adaptor as the Y35, Y39 and Y750, but with the PUADP-1 adaptors.
■ The maximum size for the Y35 is 400 kcmil.
▲ See tooling section of this catalog for complete tool and die listings.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

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BURNDY
Compression

FCI

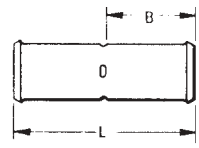
TYPE YS-FXB

HYLINK™ - SPLICE - BELLED LONG BARREL

UL Listed 90° C,
600 Volts to 35 KV ◆

Features and Benefits

- Long barrel length.
  ◊ High voltage terminations.
- Four (4) center conductor stops.
  ◊ Provides a center wire stop for proper conductor insertion.
- High pull out force.
  ◊ Provides added security for greater mechanical and electrical properties.
- Belled cable entry.
  ◊ A funnel type entry provide easy insertion of extra flexable cables plus offers mechanical strain relief for individual strands.



CATALOG NUMBER	CONDUCTOR FLEXIBLE CABLE CODE AWG	*** MM²	DIMENSIONS L (mm)	DIMENSIONS B (mm)	INSTALLATION TOOLING ▲ MECHANICAL Y1MRTC Y2MR	Y35 ■, Y39, Y750, Y46* EMBOSSED DIE INDEX	COLOR CODE	DIE NUMBER (# OF CRIMPS)	CABLE STRIP LENGTH
YS8C-FXB	#8 STR. (37/24) #8 AWG	10	1.99 (51)	.90 (23)	Y2MR (2) Y1MR (2)	49	RED	U8CRT (2 CRIMPS/END)	1" (25)
YSV6C-FXB	#6 STR. (61/24) #6 AWG	† 16	2.62 (67)	1.22 (31)	Y2MR (2) Y1MR (2)	7	BLUE	U5CRT (2 CRIMPS/END)	1-5/16" (33)
YS5C-FXB	#5 STR. (91/24) #5 AWG	—	2.62 (67)	1.22 (31)	Y2MR (2) Y1MR (2)	7	BLUE	U5CRT (2 CRIMPS/END)	1-5/16" (33)
YSV4C-FXB	#4 STR. (91/24-105/24) #4 AWG	—	2.62 (67)	1.22 (31)	Y2MR (4) Y1MR (4)	8	GRAY	U4CRT (2 CRIMPS/END)	1-5/16" (33)
YS3C-FXB	#3 STR. (105/24-125/24) #3 AWG	25	2.87 (73)	1.47 (37)	Y1MR (4)	9	WHITE	U3CRT (2 CRIMPS/END)	1-9/16" (40)
YSV2C-FXB	#2 STR. (125/24-150/24) #2 AWG	35	2.89 (73)	1.35 (34)	Y2MR (4) Y1MR (4)	10	BROWN	U2CRT (2 CRIMPS/END)	1-7/16" (37)
YSV1C-FXB	#1 STR. (175/24-225/24) #1 AWG	—	3.18 (81)	1.50 (38)	—	11	GREEN	U1CRT-1 (4 CRIMPS/END)	1-9/16" (40)
YSV25-FXB	1/0 STR. (275/24) 1/0 AWG	50	3.18 (81)	1.50 (38)	—	12	PINK	U25RT (4 CRIMPS/END)	1-9/16" (40)
YSV26-FXB	2/0 STR. (325/24) 2/0 AWG	70	3.44 (87)	1.63 (41)	—	13	BLACK	U26RT (4 CRIMPS/END)	1-11/16" (43)
YSV27-FXB	3/0 STR. (450/24) 3/0 AWG	95	3.46 (88)	1.64 (42)	—	14	ORANGE	U27RT (4 CRIMPS/END)	1-11/16" (43)
YSV28-FXB	4/0 STR. (550/24) 4/0 AWG	† 120	3.72 (94)	1.77 (45)	—	15	PURPLE	U28RT (4 CRIMPS/END)	1-7/8" (48)
YS30-FXB	250 kcmil Flex Class G 259 STR. Class H 427 STR.	—	4.51 (115)	2.16 (55)	—	16	YELLOW	U29RT (4 CRIMPS/END)	2-1/4" (57)
YS31-FXB	263 kcmil (650/24) 250 FLEX CLASS I, K, M	150	4.54 (115)	2.18 (55)	—	17	WHITE	U30RT (4 CRIMPS/END)	2-1/4" (57)
YS32-FXB	313.1 kcmil (775/24) 300 kcmil NOM.	185	4.82 (122)	2.32 (59)	—	18	RED	U31RT (4 CRIMPS/END)	2-7/16" (62)
YS34-FXB	373 kcmil (925/24) 350 kcmil NOM.	240	5.14 (131)	2.48 (63)	—	19	BLUE	U32RT (4 CRIMPS/END)	2-9/16" (65)
YS36-FXB	444.4 kcmil (1100/24) 450 kcmil NOM.	300	6.09 (155)	2.95 (75)	—	20	BROWN	U34RT (4 CRIMPS/END)	3-1/16" (79)
YS38-FXB	535.3 kcmil (1325/24) 500 kcmil NOM.	—	6.34 (161)	3.08 (78)	—	L99	PINK	U38XRT (4 CRIMPS/END)	3-3/16" (81)
YS40-FXB	646 kcmil (1600/24) 600 kcmil NOM.	400	6.66 (1.69)	3.24 (82)	—	24	BLACK	U39RT (4 CRIMPS/END)	3-5/16" (84)
YS44-FXB	777.7 kcmil (1925/24) 750 kcmil NOM.	500	6.84 (174)	3.33 (85)	—	L115	YELLOW	U44XRT (4 CRIMPS/END)	3-7/16" (87)

* Use PUADP-1 adapter with "U" dies in Y46 HYPRESS™.
** P44RT and P46RT dies sets are for use with Y46 HYPRESS™ only. PUADP-1 adapter not required.
*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.

† 16mm² and 120mm² referenced are for both Class 2 and Class 5
■ The maximum size for the Y35 is 373.7 kcmil.
▲ See tooling section of this catalog for complete tool and die listings.

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

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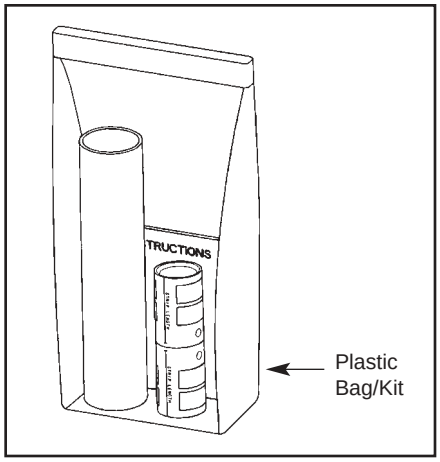
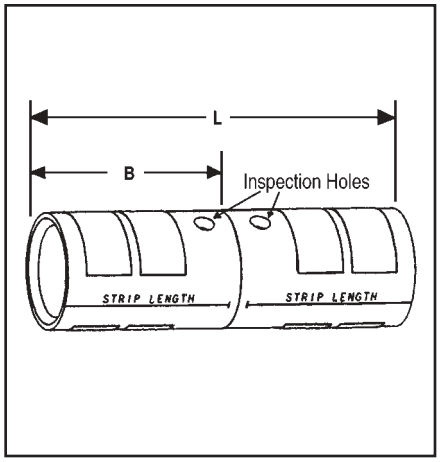
TYPE YS-TC

HYSPLICE™

In-line Splice Kits for Telecommunications Applications

YS-TC kits are for splicing cables and covering the connection with either **clear** or **black** heat shrink. Splices are constructed from seamless, high conductivity electrolytic copper tubing for maximum conductivity and tin-plated to resist corrosion. Each YS-TC splice is provided with inspection holes and cable stops. The YS-TC family also features the BURNDY® color code system. Select your choice of **black** or **clear** heat shrink kits.





Wire Size AWG	Wire Size mm²	* Clear Heat Shrink Kit Catalog Number	‡ Black Heat Shrink Kit Catalog Number	Connector Barrel Type	Connector Dimensions Barrel B	Connector Dimensions Length L	Connector Color Code	Connector Die Index	Wire Strip Length
750 kcmil FLEX	500 mm² Class 5	**YS44FXLTCKITC**	**YS44FXLTCKITB**	Standard	1.90	4.30	Yellow	L115	1.96
		YS44FXTCKITC	**YS44FXTCKITB**	Long	3.02	6.55			3.09
750 kcmil CODE	—	**YS39LTCKITC**	**YS39LTCKITB**	Standard	1.62	3.68	Black	23	1.67
		YS39TCKITC	**YS39TCKITB**	Long	2.66	5.77			2.71
500 kcmil FLEX	300 mm² Class 5	**YS38FXLTCKITC**	**YS38FXLTCKITB**	Standard	1.71	3.87	Pink	L99	1.77
		YS38FXTCKITC	**YS38FXTCKITB**	Long	2.62	5.69			2.68
500 kcmil CODE	240 mm² Class 2	**YS34LTCKITC**	**YS34LTCKITB**	Standard	1.56	3.51	Brown	20	1.60
		YS34TCKITC	**YS34TCKITB**	Long	2.43	5.24			2.47
350 kcmil FLEX	240 mm² Class 5	**YS34FXLTCKITC**	**YS34FXLTCKITB**	Standard	1.56	3.51	Blue	19 or L80	1.60
		YS34FXTCKITC	**YS34FXTCKITB**	Long	2.43	5.24			2.47
350 kcmil CODE	185 mm² Class 2	**YS31LTCKITC**	**YS31LTCKITB**	Standard	1.39	3.10	Red	17	1.42
		YS31TCKITC	**YS31TCKITB**	Long	2.32	4.96			2.34
4/0 AWG FLEX	—	**YS29FXLTCKITC**	**YS29FXLTCKITB**	Standard	1.36	2.98	Yellow	16	1.38
		YS29FXTCKITC	**YS29FXTCKITB**	Long	2.27	4.82			2.29
4/0 AWG CODE	—	**YS28LTCKITC**	**YS28LTCKITB**	Standard	1.23	2.69	Purple	15	1.24
		YS28TCKITC	**YS28TCKITB**	Long	2.04	4.32			2.06
2/0 AWG FLEX or CODE	70 mm² Class 5	**YS26FXLTCKITC**	**YS26FXLTCKITB**	Standard	1.09	2.41	Black	13	1.10
		YS26FXTCKITC	**YS26FXTCKITB**	Long	1.79	3.80			1.80
1/0 AWG FLEX or CODE	50 mm² Class 5	**YS25FXLTCKITC**	**YS25FXLTCKITB**	Standard	0.98	2.18	Pink	12	1.00
		YS25FXTCKITC	**YS25FXTCKITB**	Long	1.59	3.41			1.61
#2 AWG FLEX or CODE	35 mm² Class 5	**YS2CFXLTCKITC**	**YS2CFXLTCKITB**	Standard	0.77	1.73	Brown	10	0.78
		YS2CFXTCKITC	**YS2CFXTCKITB**	Long	1.25	2.68			1.26

* **Clear** Heatshrink – UL224 VW1 Listed – passes TELCORDIA GR-347-CORE "Abrasion and Cut Test". (Up to 750 kcmil Class B code cable. Contact factory for 750 flex cable applications.)

‡ **Black** Heatshrink – UL94VO – passes TELCORDIA GR-347-CORE "Abrasion and Cut Tests".
All connectors are UL486A Listed.

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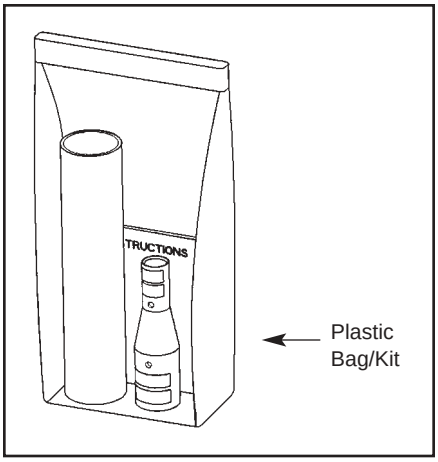
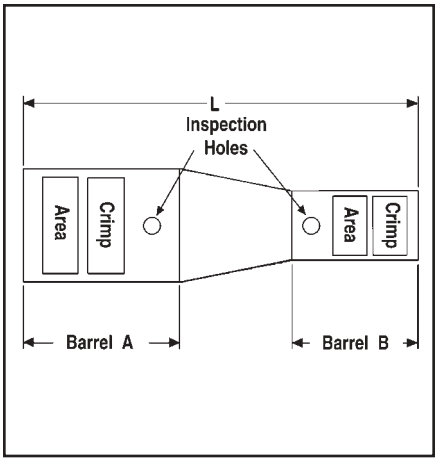
TYPE YSR-TC

HYREDUCER™

In-line Reducer Splice Kits for Telecommunications Applications

YSR-TC reducing splice kits provide for splicing two different cable sizes with inspection holes. The larger conductor is inserted first and butts against the center of the connector where the smaller barrel begins. Constructed from seamless, high conductivity electrolytic copper tubing for maximum conductivity, and tin plated to resist corrosion. The YSR-TC family also features the BURNDY® color code system. Select your choice of **black** or **clear** heat shrink kits.





Wire Range				** Clear	‡ Black	Connector								Wire Strip Length	
Barrel A		Barrel B		Heat Shrink Kit	Heat Shrink Kit	Barrel	Dimensions			Color Code		Die Index			
AWG	mm²	AWG	mm²	Catalog Number	Catalog Number	Type	Barrel A	Barrel B	L	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B
750 kcmil FLEX	500 mm² Class 5	750 Kcmil CODE	—	YSR44FX39LTCKITC	YSR44FX39LTCKITB	Standard	2.09	1.78	4.38	Yellow	Black	L115	24	1.96	1.67
				YSR44FX39TCKITC	YSR44FX39TCKITB	Long	3.22	2.82	6.55					3.09	2.71
		500 Kcmil CODE	240 mm² Class 2	YSR44FX34LTCKITC	YSR44FX34LTCKITB	Standard	2.09	1.69	4.91	Yellow	Brown	L115	20	1.96	1.60
				YSR44FX34TCKITC	YSR44FX34TCKITB	Long	3.22	2.56	6.91					3.09	2.47
		500 Kcmil FLEX	300 mm² Class 5	YSR44FX38FXLTEL46*	YSR44FX38FXLTEL45*	Standard	2.09	1.88	4.61	Yellow	Pink	L115	L99	1.96	1.77
				YSR44FX38FXTEL48*	YSR44FX38FXTEL47*	Long	3.22	2.79	6.64					3.09	2.68
		350 Kcmil CODE	185 mm² Class 2	YSR44FX31LTCKITC	YSR44FX31LTCKITB	Standard	2.09	1.49	5.18	Yellow	Red	L115	18	1.96	1.41
				YSR44FX31TCKITC	YSR44FX31TCKITB	Long	3.22	2.42	7.24					3.09	2.34
		350 Kcmil FLEX	240 mm² Class 5	YSR44FX34FXLTEL30*	YSR44FX34FXLTEL29*	Standard	2.09	1.69	4.91	Yellow	Blue	L115	19 or L80	1.96	1.60
				YSR44FX34FXTEL32*	YSR44FX34FXTEL31*	Long	3.22	2.56	6.91					3.09	2.47
		4/0 AWG FLEX	—	YSR44FX29FXLTEL6*†	YSR44FX29FXLTEL5*	Standard	2.09	1.44	5.33	Yellow	Yellow	L115	16	1.96	1.38
				YSR44FX29FXTEL8*†	YSR44FX29FXTEL7*	Long	3.22	2.36	7.38					3.09	2.29
750 kcmil CODE	—	500 Kcmil FLEX	300 mm² Class 5	YSR3938FXLTEL42*	YSR3938FXLTEL41*	Standard	1.78	1.88	3.79	Black	Pink	24	L99	1.67	1.77
				YSR3938FXTEL44*	YSR3938FXTEL43*	Long	2.82	2.79	5.74					2.71	2.68
		350 Kcmil CODE	185 mm² Class 2	YSR3931LTCKITC	YSR3931LTCKITB	Standard	1.78	1.49	4.36	Black	Red	24	18	1.67	1.41
				YSR3931TCKITC	YSR3931TCKITB	Long	2.82	2.42	6.33					2.71	2.34
		350 Kcmil FLEX	240 mm² Class 5	YSR3934FXLTEL26*	YSR3934FXLTEL25*	Standard	1.78	1.69	4.09	Black	Blue	24	19 or L80	1.67	1.60
				YSR3934FXTEL28*	YSR3934FXTEL27*	Long	2.82	2.56	6.00					2.71	2.47
		4/0 AWG CODE	—	YSR3928LTCKITC	YSR3928LTCKITB	Standard	1.78	1.30	4.65	Black	Purple	24	15	1.67	1.24
				YSR3928TCKITC	YSR3928TCKITB	Long	2.82	2.11	6.51					2.71	2.06
		4/0 AWG FLEX	—	YSR3929FXLTEL2*	YSR3929FXLTEL1*	Standard	1.78	1.44	4.51	Black	Yellow	24	16	1.67	1.38
				YSR3929FXTEL4*	YSR3929FXTEL3*	Long	2.82	2.36	6.47					2.71	2.29
500 kcmil FLEX	300 mm² Class 5	350 Kcmil CODE	185 mm² Class 2	YSR38FX31LTCKITC	YSR38FX31LTCKITB	Standard	1.88	1.49	4.33	Pink	Red	L99	18	1.77	1.41
				YSR38FX31TCKITC	YSR38FX31TCKITB	Long	2.79	2.42	6.17					2.68	2.34
		350 Kcmil FLEX	240 mm² Class 5	YSR38FX34FXLTEL38*	YSR38FX34FXLTEL37*	Standard	1.88	1.69	4.06	Pink	Blue	L99	19 or L80	1.77	1.60
				YSR38FX34FXTEL40*	YSR38FX34FXTEL39*	Long	2.79	2.56	5.83					2.68	2.47
		4/0 AWG CODE	—	YSR38FX28LTCKITC	YSR38FX28LTCKITB	Standard	1.88	1.30	4.62	Pink	Purple	L99	15	1.77	1.24
				YSR38FX28TCKITC	YSR38FX28TCKITB	Long	2.79	2.11	6.34					2.68	2.06
		4/0 AWG FLEX	—	YSR38FX29FXLTEL14*	YSR38FX29FXLTEL13*	Standard	1.88	1.44	4.48	Pink	Yellow	L99	16	1.77	1.38
				YSR38FX29FXTEL16*	YSR38FX29FXTEL15*	Long	2.79	2.36	6.30					2.68	2.29
500 kcmil CODE	240 mm² Class 2	350 Kcmil CODE	185 mm² Class 2	YSR3431LTCKITC	YSR3431LTCKITB	Standard	1.69	1.49	3.66	Brown	Red	20	18	1.60	1.41
				YSR3431TCKITC	YSR3431TCKITB	Long	2.56	2.42	5.45					2.47	2.34
		350 Kcmil FLEX	240 mm² Class 5	YSR3434FXLTEL34*	YSR3434FXLTEL33*	Standard	1.69	1.69	3.39	Brown	Blue	20	19 or L80	1.60	1.60
				YSR3434FXTEL36*	YSR3434FXTEL35*	Long	2.56	2.56	5.12					2.47	2.47
		4/0 AWG CODE	—	YSR3428LTCKITC	YSR3428LTCKITB	Standard	1.69	1.30	3.95	Brown	Purple	20	15	1.60	1.24
				YSR3428TCKITC	YSR3428TCKITB	Long	2.56	2.11	5.63					2.47	2.06

* These kits were developed in conjuction with TYCO ELECTRONICS, Power System Division and will have TYCO markings on them.

† Provided with 2 heat shrink tubings. One will overlap the other. Install the smaller first and larger second.

** **Clear** Heatshrink – UL224 VW1 Listed – passes TELCORDIA GR-347-CORE "Abrasion and Cut Test". (Up to 750 kcmil Class B code cable. Contact factory for 750 flex cable applications.)

‡ **Black** Heatshrink – UL94VO – passes TELCORDIA GR-347-CORE "Abrasion and Cut Tests".

All connectors are UL486A Listed.

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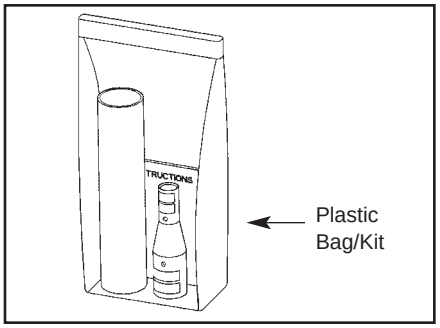
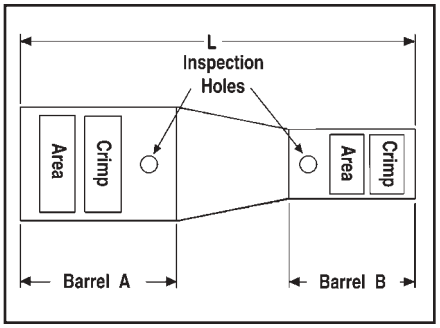
TYPE YSR-TC

HYREDUCER™ (Continued)

In-line Reducer Splice Kits for Telecommunications Applications





Wire Range				** Clear	‡ Black	Connector								Wire Strip Length	
Barrel A		Barrel B		Heat Shrink Kit	Heat Shrink Kit		Dimensions			Color Code		Die Index			
AWG	mm²	AWG	mm²	Catalog Number	Catalog Number	Barrel Type	Barrel A	Barrel B	L	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B
500 kcmil CODE	240 mm² Class 2	4/0 AWG FLEX	—	YSR3429FXLTEL10*	YSR3429FXLTEL9*	Standard	1.69	1.44	3.81	Brown	Yellow	20	16	1.60	1.38
				YSR3429FXTEL12*	YSR3429FXTEL11*	Long	2.56	2.36	5.59					2.47	2.29
		1/0 AWG FLEX or CODE	50 mm² Class 5	YSR3425FXLTCKITC	YSR3425FXLTCKITB	Standard	1.69	1.04	4.01	Brown	Pink	20	12	1.60	1.00
				YSR3425FXTCKITC	YSR3425FXTCKITB	Long	2.56	1.66	5.50					2.47	1.61
350 kcmil FLEX	240 mm² Class 5	4/0 AWG FLEX	120 mm² Class 5 or Class 2	YSR34FX28FXLTCKITC	YSR34FX28FXLTCKITB	Standard	1.69	1.43	3.86	Blue	Purple	19 or L80	15	1.60	1.36
				YSR34FX28FXTCKITC	YSR34FX28FXTCKITB	Long	2.56	2.56	5.86					2.47	1.36
		4/0 AWG CODE	—	YSR34FX28LTCKITC	YSR34FX28LTCKITB	Standard	1.69	1.30	3.95	Blue	Purple	19 or L80	15	1.60	1.24
				YSR34FX28TCKITC	YSR34FX28TCKITB	Long	2.56	2.56	6.07					2.47	2.47
		4/0 AWG FLEX	—	YSR34FX29FXLTEL22*	YSR34FX29FXLTEL21*	Standard	1.69	1.44	3.81	Blue	Yellow	19 or L80	16	1.60	1.38
				YSR34FX29FXTEL24*	YSR34FX29FXTTEL23*	Long	2.56	2.36	5.59					2.47	2.29
		1/0 AWG CODE	50 mm² Class 5	YSR34FX25FXLTCKITC	YSR34FX25FXLTCKITB	Standard	1.69	1.04	4.01	Blue	Pink	19 or L80	12	1.60	1.00
				YSR34FX25FXTCKITC	YSR34FX25FXTCKITB	Long	2.56	1.66	5.50					2.47	1.61
350 kcmil CODE	185 mm² Class 2	4/0 AWG CODE	—	YSR3128LTCKITC	YSR3128LTCKITB	Standard	1.49	1.30	3.27	Red	Purple	18	15	1.41	1.24
				YSR3128TCKITC	YSR3128TCKITB	Long	2.42	2.56	5.46					2.34	2.47
		4/0 AWG FLEX	—	YSR3129FXLTEL18*	YSR3129FXLTEL17*	Standard	1.49	1.44	3.13	Red	Yellow	18	16	1.41	1.38
				YSR3129FXTEL20*	YSR3129FXTEL19*	Long	2.42	2.36	4.97					2.34	2.29
		1/0 AWG FLEX or CODE	50 mm² Class 5	YSR3125FXLTCKITC	YSR3125FXLTCKITB	Standard	1.49	1.04	3.33	Red	Pink	18	12	1.41	1.00
				YSR3125FXTCKITC	YSR3125FXTCKITB	Long	2.42	1.66	4.88					2.34	1.61
		#2 AWG FLEX or CODE	35 mm² Class 5 or Class 2	YSR312CFXLTCKITC	YSR312CFXLTCKITB	Standard	1.49	0.82	3.37	Red	Brown	18	10	1.41	0.78
				YSR312CFXTCKITC	YSR312CFXTCKITB	Long	2.42	1.29	4.78					2.34	1.26
300 kcmil FLEX	185 mm² Class 5	4/0 AWG FLEX	120 mm² Class 5 or Class 2	YSR32FX29FXLTCKITC	YSR32FX29FXLTCKITB	Standard	1.57	1.43	3.46	Red	Yellow	18	16	1.48	1.36
				YSR32FX29FXTCKITC	YSR32FX29FXTCKITB	Long	2.48	2.56	5.51					2.40	2.47
4/0 AWG FLEX	—	1/0 AWG FLEX or CODE	50 mm² Class 5	YSR29FX25FXLTCKITC	YSR29FX25FXLTCKITB	Standard	1.44	1.04	3.10	Yellow	Pink	16	12	1.38	1.00
				YSR29FX25FXTCKITC	YSR29FX25FXTCKITB	Long	2.36	1.66	4.63					2.29	1.61
		#2 AWG FLEX or CODE	35 mm² Class 5 or Class 2	YSR29FX2CFXLTCKITC	YSR29FX2CFXLTCKITB	Standard	1.44	0.82	3.13	Yellow	Brown	16	10	1.38	0.78
				YSR29FX2CFXTCKITC	YSR29FX2CFXTCKITB	Long	2.36	1.29	4.53					2.29	1.26
4/0 AWG CODE	—	1/0 AWG FLEX or CODE	50 mm² Class 5	YSR2825FXLTCKITC	YSR2825FXLTCKITB	Standard	1.30	1.04	2.66	Purple	Pink	15	12	1.24	1.00
				YSR2825FXTCKITC	YSR2825FXTCKITB	Long	2.11	1.66	4.09					2.06	1.61
		#2 AWG FLEX or CODE	35 mm² Class 5 or Class 2	YSR282CFXLTCKITC	YSR282CFXLTCKITB	Standard	1.30	0.82	2.70	Purple	Brown	15	10	1.24	0.78
				YSR282CFXTCKITC	YSR282CFXTCKITB	Long	2.11	1.29	3.99					2.06	1.26
		#6 AWG FLEX or CODE	16 mm² Class 5 or Class 2	YSR286CFXLTCKITC	YSR286CFXLTCKITB	Standard	1.30	0.73	2.99	Purple	Blue	15	7	1.24	0.70
				YSR286CFXTCKITC	YSR286CFXTCKITB	Long	2.11	1.15	4.23					2.06	1.12
2/0 AWG FLEX or CODE	70 mm² Class 5	#6 AWG FLEX or CODE	16 mm² Class 5 or Class 2	YSR26FX6CFXLTCKITC†	YSR26FX6CFXLTCKITB	Standard	1.16	0.73	2.71	Black	Blue	13	7	1.10	0.70
				YSR26FX6CFXTCKITC†	YSR26FX6CFXTCKITB	Long	1.85	1.15	3.83					1.80	1.12
1/0 AWG FLEX or CODE	50 mm² Class 5	#6 AWG FLEX or CODE	16 mm² Class 5 or Class 2	YSR25FX6CFXLTCKITC†	YSR25FX6CFXLTCKITB	Standard	1.04	0.73	2.42	Pink	Blue	12	7	1.00	0.70
				YSR25FX6CFXTCKITC†	YSR25FX6CFXTCKITB	Long	1.66	1.15	3.45					1.61	1.12
#2 AWG FLEX or CODE	35 mm² Class 5	#6 AWG FLEX or CODE	16 mm² Class 5 or Class 2	YSR2CFX6CFXLTCKITC	YSR2CFX6CFXLTCKITB	Standard	0.82	0.73	1.93	Brown	Blue	10	7	0.78	0.70
				YSR2CFX6CFXTCKITC	YSR2CFX6CFXTCKITB	Long	1.29	1.15	2.82					1.26	1.12
#4 AWG FLEX or CODE	—	#6 AWG FLEX or CODE	16 mm² Class 5 or Class 2	YSR4CFX6CFXLTCKITC	YSR4CFX6CFXLTCKITB	Standard	0.74	0.73	1.67	Gray	Blue	8	7	0.71	0.70
				YSR4CFX6CFXTCKITC	YSR4CFX6CFXTCKITB	Long	1.18	1.15	2.53					1.15	1.12

* These kits were developed in conjuction with TYCO ELECTRONICS, Power System Division and will have TYCO markings on them.

† Provided with 2 heat shrink tubings. One will overlap the other. Install the smaller first and larger second.

** **Clear** Heatshrink – UL224 VW1 Listed – passes TELCORDIA GR-347-CORE "Abrasion and Cut Test". (Up to 750 kcmil Class B code cable. Contact factory for 750 flex cable applications.)

‡ **Black** Heatshrink – UL94VO – passes TELCORDIA GR-347-CORE "Abrasion and Cut Tests".

All connectors are UL486A Listed.

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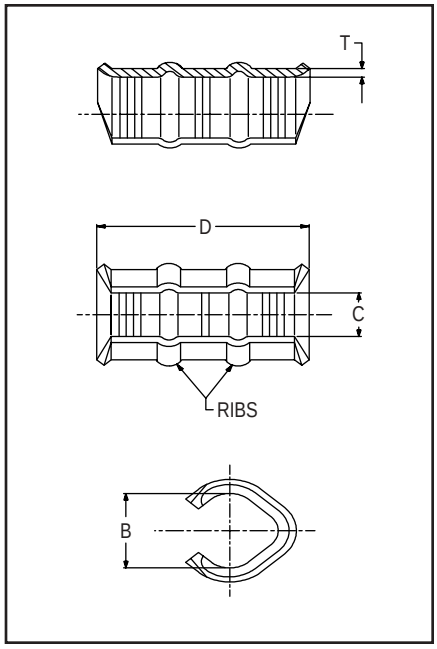
TYPE YC-L

THIN-WALL COPPER C-TAP

UL Listed to 600 Volts

Type YC-L is a thin-wall high conductivity copper connector for making copper tap and parallel connections from #14 to 3/0 AWG.



Features and Benefits

- Manufactured form high conductivity wrought copper.
  - ◊ Provides low resistance and excellent electrical conductivity.
- Range-taking connector.
  - ◊ Lowers inventory requirements.
- Reinforced ribs.
  - ◊ Provides maximum pull-out values.
- Compact size.
  - ◊ Easy to tape and insulate connection.
- Economical.
  - ◊ Provides low installed cost.

CATALOG NUMBER	ACCOMMODATES RUN	ACCOMMODATES TAP	NO. OF RIBS	DIMENSIONS B	DIMENSIONS C	DIMENSIONS D	DIMENSIONS T	COLOR CODE	INSTALLATION TOOLING MECHANICAL Y2MR	MECHANICAL MD6, OUR840 & MD7-34R DIE NO. (# CRIMPS)	MECHANICAL DIE ▲ INDEX EMBOSS-MENT	HYDRAULIC BCT500, Y500CT, BAT500 (# CRIMPS)	HYDRAULIC Y35, Y39, Y750, Y45 Y46* (# CRIMPS)	HYDRAULIC DIE ▲ INDEX EMBOSS-MENT	WIRE STRIP LENGTH
YC10L12	14	16-14	0	.18 [4.6]	.11 [2.8]	.40 [10.2]	.060 [1.65]	Red	Red (1)	W8CVT (1)	49				3/8″
	12	16-14													
	10	14													
YC8L12	10	10	0	.25 [6.4]	.21 [3.8]	.60 [15.2]	.072 [1.83]	Blue	Blue (1)	W5CVT (1)	7				5/8″
	8	12													
YC6L12	8	10-8	0	.33 [8.4]	.25 [5.1]	.60 [15.2]	.072 [1.83]	Gray	Gray (2)	W4CVT (1)	8				5/8″
	6	12-10													
YC4L12	6	8-6	1	.38 [9.7]	.28 [6.1]	1.18 [30.2]	.072 [1.83]	Brown	Brown (2)	W2CVT (2)	10	WC4 (1)	UC4 (1)	10M	1-3/16″
	5,4	12-8													
YC3L12	5,4	6-5	1	.48 [11.4]	.37 [6.4]	1.18 [30.2]	.081 [2.06]	Green	–	W1CVT (2)	11				1-3/16″
	3	12-6													
YC2L12	4	4	1	.50 [12.7]	.36 [7.6]	1.18 [30.2]	.081 [2.06]	Pink	–	W25VT (2)	12	WC2 (1)	UC2 (1)	12M	1-3/16″
	3	5													
	2	12-6													
YC1L12	3	4-3	2	.56 [14.2]	.45 [8.6]	1.75 [44.4]	.081 [2.06]	Black	–	W26VT (3)	13	WC1 (2)	UC1 (1)	13M	1-13/16″
	2	5-4													
	1	12-5													
YC25L12	2 Str. 2 Sol.	2 Str. 2 Sol. 3 Str. 3 Sol.	2	.62 [15.7]	.50 [9.6]	1.75 [44.4]	.090 [2.29]	Orange	–	W27VT (3)	14	WC25 (2)	UC25 (1)	14M	1-13/16″
	1 Str. 1 Sol.	4 Str. 4 Sol. 3 Str. 3 Sol.													
	1/0 Str. 1/0 Sol.	12 Str. 12 Sol. - 4 Str. 4 Sol.													
YC26L12	1	2-1	2	.69 [17.5]	.53 [10.7]	1.75 [44.4]	.090 [2.29]	Purple	–	W28VT (3)	15				1-13/16″
	1/0	3-2													
	2/0	12-3													
YC27L12	1/0	1-1/0	2	.81 [20.6]	.54 [11.9]	1.75 [44.4]	.090 [2.29]	Yellow	–	W29VT (3)	16				1-13/16″
	2/0	2-1													
	3/0	12-2													

▲ See tooling section of this catalog for complete tool and die listings.
* Use PUADP-1 adapter with "U" dies in Y46 HYPRESS™
For Tin plating add "TN" suffix (example = YC10L12TN)

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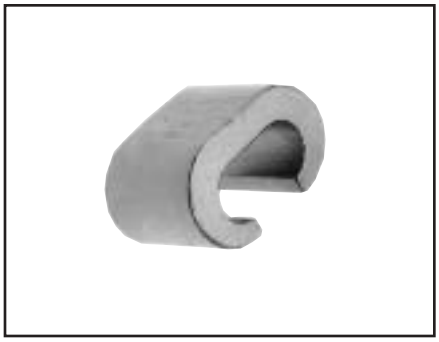
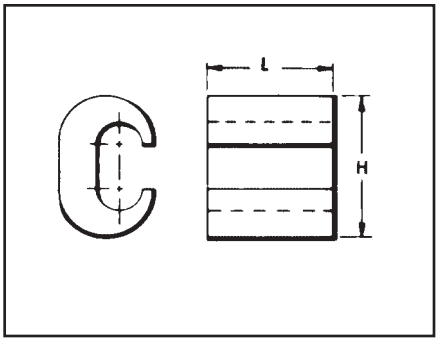
TYPES YC-C

COPPER CRIMPIT™

UL Listed 90° C,
600 Volts to 35kV◆

Type YC-C copper CRIMPIT™ connector is a range-taking C shape compression connector for making tap or parallel copper connections from #12 sol. to 4/0 strand conductor.





Features and Benefits

- Range-taking connector.
  ◊ Lowers inventory requirments.
- Compact size.
  ◊ Easy to tape and insulate connection.
- Manufactured from high conductivity wrought copper.
  ◊ Provides low resistance and excellent electrical conductivity.
- Economical
  ◊ Provides low installed cost.

Copperweld-Copper Conductors

8A - Use CRIMPITS™ accommodating 6 str. Copper
6A - Use CRIMPITS™ accommodating 4 Str. Copper
4A - Use CRIMPITS™ accommodating 2 Str. Copper
2A - Use CRIMPITS™ accommodating 1/0 and 2/0 Copper

CATALOG NUMBER	RUN	TAP	L	▲ DIE INDEX	TOOLS, DIE SET, CATALOG NO., AND (# OF CRIMPS) ▲			CRIMPIT FOR 1 STR. COPPER	
					MD6	OUR840	Y35, Y750, Y45, Y46*	RUN	TAP
YC10C10 †	12 Sol. - 10 Str.	12 Sol. - 10 Str.	3/8″	238	W238 (1)	W238 (1)	U-238 (1)	—	—
YC8C8	8 Sol. - 8 Str.	10 Sol. - 8 Str.	1/2″	162 or K	W162 (2)	W162 (2)	U162** (1)		
YC4C8	6 Sol. - 4 Str.	8 Sol. - 8 Str.	5/8″	BG or 5/8	BG (2) W-BG** (1)	XNBG (2)	U-BG (1)		
YC4C6		6 Sol. - 6 Str.							
YC4C4		4 Sol. - 4 Str.							
YC2C4	2 Sol. - 2 Str.	8 Sol. - 4 Str.	3/4″	C	W-C (2)	—	U-C (1)	1 Str.	6.8 Str., 8 Sol.
YC2C2		2 Sol. - 2 Str.						—	—
YC26C2	1/0 Sol. - 2/0 Str.	8 Sol. - 2 Str.	7/8″	E or O	—	—	U-E (3) U-O (1)	1 Str.	1 or 2 Str.
YC26C26		1/0 Sol. - 2/0 Str.						—	—
YC28C2	3/0 Sol. - 4/0 Str.	6 Sol. - 2 Str.	1-1/16″	F or D3	—	—	U-F (3) U-D3** (1)		
YC28C26		1/0 Sol. - 2/0 Str.							
YC28C28		3/0 Sol. - 4/0 Str.							

† Not UL Listed.
‡ Number of Crimps.
▲ See tooling section of this catalog for complete tool and die listings.
* Use PUADP-1 adapter when using "U" dies in the Y46 HYPRESS™.
** Multiple crimp die set. Makes more than one crimp per tool compression. Figure ( ) indicates number of compressions.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

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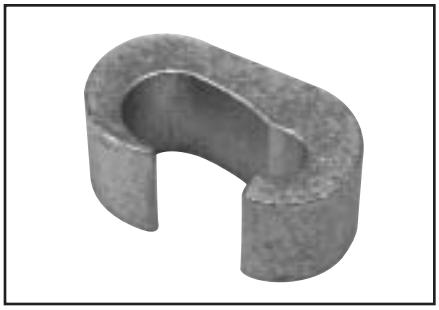
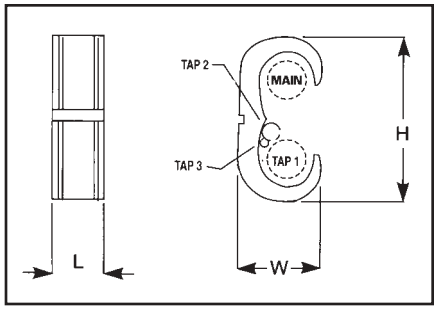
TYPE YCHC

C-TAP COPPER CRIMPIT™

90° C





Features and Benefits

- Wide range of run/tap combinations including Class B code I and locomotive flexible conductor combinations. All (B/B, B/I, I/I) combinations are recommended.
  - ◊ Each connector accommodates many cable combinations, allowing maximum flexibility for the design and installation of a system.
- Color-coded on the connector that matches the die.
  - ◊ Provides matched system for fast and easy installation.
- Each connector has a recommended insulating cover available. Flame retardant type CF-FR covers meet oxygen index 28 and UL94 V-O requirements.
  - ◊ A complete insulated UL listed installation is provided.
- Die index embossed on connector after completion of crimp.
  - ◊ Permanent inspectability of installed connector is insure consistently reliable and dependable connections.

BURNDY CATALOG NUMBER	FLAME RETARDANT COVER CAT. NO. ‡	CONDUCTOR SIZES CODE/(FLEX) CABLE				▲ TOOLING († NO. OF CRIMPS)							▲ DIE INDEX & EMBOSSMENT	H	W	L	STRIP LENGTH
		MAIN	TAP 1	TAP 2	TAP 3	Y35	†	Y750	†	Y46*	†	COLOR CODE					
YCHC44TC44	CFR-FR	1000-750 (750-500)	1000-750 (750-500)			—	—	—	—	P1102	1	White	1102	3.59	1.73	1.16	1-1/4″
YCHC39TC39	CFR-FR	750-500 (550-500)	750-350 (550-350)			—	—	—	—	P1103	1	Blue	1103	3.12	1.53	1.06	1-1/8″
YCHC39TC31	CFR-FR	750-500 (550-500)	350-2 (250-2)	2-6 STR./SOL. (2-8)	8-14 (8-14)	—	—	—	—	P1103	1	Blue	1103	2.96	1.53	1.31	1-3/8″
YCHC39TC2	CFR-FR	750-500 (550-500)	2-6 STR./SOL. (2-8)	8-14 (8-14)		—	—	—	—	P1103	1	Blue	1103	2.66	1.53	1.31	1-3/8″
YCHC34TC34	CFN-FR	500-4/0 (350-4/0)	500-4/0 (350-4/0)			—	—	U1104	2	P1104	1	Brown	1104	2.97	1.38	1.16	1-1/4″
YCHC34TC29	CFN-FR	500-4/0 (350-4/0)	250-2 (4/0-2)	2-6 STR./SOL. (2-8)		—	—	U1104	2	P1104	1	Brown	1104	2.45	1.26	.94	1″
YCHC34TC2	CFN-FR	500-4/0 (350-4/0)	2-6 STR./SOL. (2-8)	8-14 (8-14)		—	—	U1104	2	P1104	1	Brown	1104	2.45	1.26	.94	1″
YCHC29TC29	CFD-FR	250-2 (4/0-2)	250-2 (4/0-2)			—	—	U997	1	U997	1	Orange	997	2.12	.98	.94	1″
YCHC29TC2	CFD-FR	250-2 (4/0-2)	2-6 STR./SOL. (2-8)	8-14 (8-14)		—	—	U251	1	U251	1	Red	251	1.78	.97	.81	1″
YCHC2TC2	CFO-FR	2-6 STR./SOL. (2-8)	2-6 STR./SOL. (2-8)	8-14 (8-14)		U-C	1	U-C	1	U-C	1	Brown	C	1.22	.60	.81	1″
YCHC8TC8	♦	8-14 (8-14)	8-14 (8-14)			U-240	1	U-240	1	U-240	1	Red	240	.53	.35	.56	5/8″

NOTE: To properly use tap 2 and/or tap 3 conductors in YCHC connector a conductor from the tap 1 cable range must be included in the tap 1 groove.

‡ To obtain covers made of polyethylene remove suffix-FR (example: CFO). CFO is not flame retardant.

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

▲ See tooling section of Master Catalog for complete tool and die listings.

◆ For applications requiring flame retardant cover, use CFBG-FR cover and YH8C8C connector by ordering YH8C8CWC.

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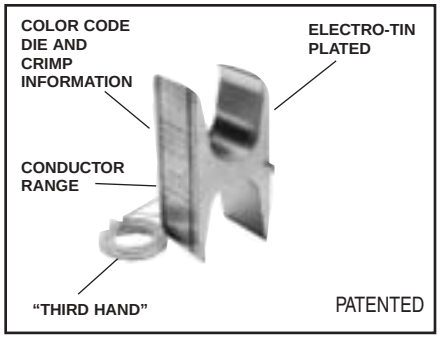
TYPE YH

H-TAP COPPER CRIMPIT™

Features and Benefits

- Accommodates a wide range of run/tap copper cable combinations including both flexible and code combinations. All (B/B, B/I, I/B, I/I) combinations acceptable.
  ◊ Each connector has many copper cable combination applications allowing maximum flexibility for the design and installation of a system.
- Tap grooves function independently of each other. Use of one tap is required. Balance may be used or left empty.
  ◊ Provides maximum design and installation flexibility.
- Color code on the connector matches installation die.
  ◊ Provides matched system for fast and easy installation.



- Die index embossed on connector after completion of crimp.
  ◊ Permanent inspectability of installed connectors to insure consistently reliable and dependable connections.
- Recommended flame retardant type CF-FR insulating covers meet oxygen index 28 and UL94 V-O requirements.
  ◊ A complete insulated UL listed installation is provided.
- "Third Hand" constrains conductors while installer completes crimp. Included with each connector.
  ◊ Simplifies installation, reducing installed cost.

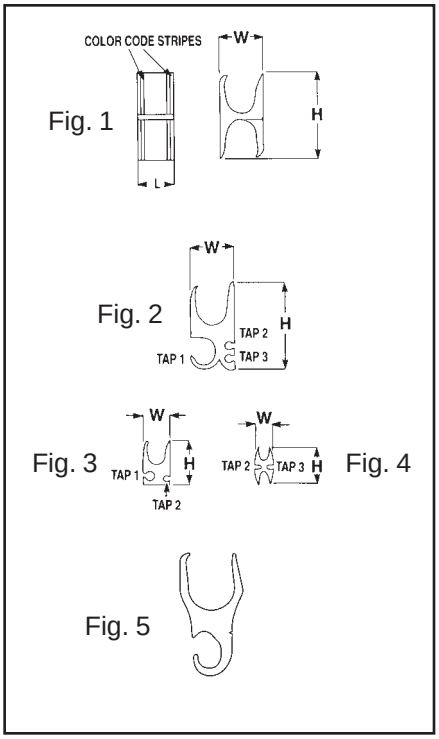


TABLE 1 CODE CONDUCTOR AND METRIC EQUIVALENT

Kit Catalog Number	Components: H-Tap Connector	Components: Flame Retardant Cover	Conductor Sizes Code/(Flex Cable): Fig. #	Main	Tap1	Tap2	Tap3	Metric Conductor Sizes (mm²): Main	Tap1	Tap2	Tap3
YH4444WC	YH4444	CFR-FR	1	1000-750 (750-500) (750)[3]	1000-750 (750-500) (350) ③	—	—	500-400	500-400	—	—
YH4429WC	YH4429	CFR-FR	5	1000-750 (777-500)	250-2 (4/0-2)	—	—	500-400	150-35	—	—
YH3939WC	YH3939	CFR-FR	1	750-500 (550-500)	750-350 (550-350)	—	—	300-300	300-185	—	—
YH3931WC	YH3931	CFR-FR	2	750-350 (550-500)	4/0-1/0 (250-1/0)	1-6 STR/SOL (1-8)	2-14 (2-14)	300-185	95-70	35-16	35-2.5
YH3434WC	YH3434	CFN-FR	1	500-250 (350-4/0)	500-4/0 (350-4/0)	—	—	240-150	240-120	—	—
YH3429WC	YH3429	CFN-FR ①	2	500-4/0 (350-4/0)	250/1/0 (4/0-1/0)	1-6 STR/SOL (1-8)	8-14 #8	240-120	120-70	35-16	6-2.5
YH2929WC	YH2929	CFD-FR	1	250-2 (4/0-2)	250-2 (4/0-2)	—	—	120-35	120-35	—	—
YH292CWC	YH292C	CFD-FR	3	250-2 (4/0-2)	2-6 STR/SOL (2-8)	8-14 (8-14)	—	120-35	35-16	6-2.5	—
YH298CWC	YH298C	CFD-FR	3	250-2 (4/0-2)	8-14 (8-14)	8-14 (8-14)	—	120-35	6-2.5	6-2.5	—
YH2C2CWC	YH2C2C	CFO-FR	4	2-6 STR/SOL (2-8)	2-6 STR/SOL (2-8)	8-14 (8-14)	8-14 (8-14)	35-16	35-16	6-2.5	6-2.5
YH6C6CWC	YH6C6C	CFBG-FR	1	6-10 (6-10)	6-14 (6-14)	—	—	10-6	10-2.5	—	—
YH8C8CWC	YH8C8C	CFBG-FR	1	8-14 (8-14)	8-14 (8-14)	—	—	6-2.5	6-2.5	—	—

① Use CFN-FR for single tap installation and CFR-FR for multiple tap installation
• Use PUADP-1 adaptor with "U" dies in Y46.

NOTE: To obtain connector and cover packaged together, add suffix "-WC" to connector catalog number (example: YH2929-WC includes (1) YH2929 and (1) CFD-FR in a polybag).
† To obtain covers made of polyethylene remove suffix -FR (ex. CFO) CFO is not flame retardant.

▲ See tooling section of this catalog for complete tool and die listings.
③ 750 Flex, main, is the only wire that may be used with a 350 FLEX TAP in the YH4444 connector.

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TYPE YH

H-TAP COPPER CRIMPIT™ (Continued)

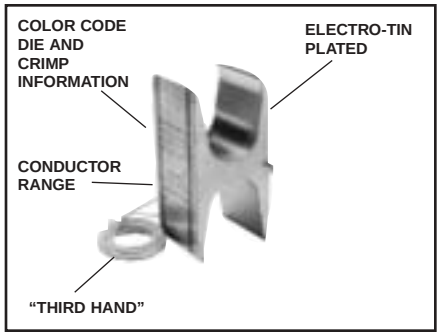

Table 2 Flex and Metric Conductor Ranges

		MAXIMUM CONDUCTOR IN RANGE	MAXIMUM METRIC DIMENSIONS		MIMIMUM CONDUCTOR IN RANGE	MINIMUM METRIC DIMENSIONS	
CATALOG NUMBER		FLEX CONDUCTOR (AWG/kcmil)	mm^2	DIAMETER mm	FLEX CONDUCTOR (AWG/kcmil)	mm^2	DIAMETER mm
YH4444	Main	777	393	28	500	253	24
	Tap 1	777	393	28	500	253	24
	Main	777	393	28	750	380	31
	Tap 1	–	–	–	350	177	20
YH4429	Main	777	393	28	500	253	24
	Tap 1	4/0	107	15.5	2	33.6	8
YH3939	Main	550	278	25	500	253	24
	Tap 1	550	278	25	350	177	20
YH3931	Main	550	278	25	500	253	24
	Tap1	250	126	17	1/0	53.5	11
	Tap 2	1	42	9	8	8	4
	Tap 3	2	33.6	8	14	2	2
YH3434	Main	350	177	20	4/0	107	15.5
	Tap 1	350	177	20	4/0	107	15.5
YH3429	Main	350	177	20	4/0	107	15.5
	Tap 1	4/0	107	15.5	1/0	53	11
	Tap 2	1	42	9	8	8	4
	Tap 3	8	8	4	14	2	2
YH2929	Main	4/0	107	15.5	2	33.6	8
	Tap 1	4/0	107	15.5	2	33.6	8
YH292C	Main	4/0	107	15.5	2	33.6	8
	Tap1	2	33.6	8	8	8	4
	Tap 2	8	8	4	14	2	2
YH298C	Main	4/0	107	15.5	2	33.6	8
	Tap1	8	8	4	14	2	2
	Tap 2	8	8	4	14	2	2
YH2C2C	Main	2	33.6	8	8	8	4
	Tap 1	2	33.6	8	8	8	4
	Tap 2	8	8	4	14	2	2
	Tap 3	8	8	4	14	2	2
YH6C6C	Main	6	13	5	10	5	3
	Tap 1	6	13	5	14	2	2
YH8C8C	Main	8	8	4	14	2	2
	Tap 1	8	8	4	14	2	2

① Use CFN-FR for single tap installation and CFR-FR for multiple tap installation

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

NOTE: To obtain connector and cover packaged together, add suffix "-WC" to connector catalog number. Example YH2929-WC includes (1) Yh2929 and (1) CFD-fr in a polybag.

† To obtain covers made of polyethylene remove suffix -FR (ex. CFO) CFO is not flame retardant.

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

* Will accomodate 750 Flex (Main) to 350 Flex (TAPI)¨ Please consult factory regarding UL listings with metric conductor.

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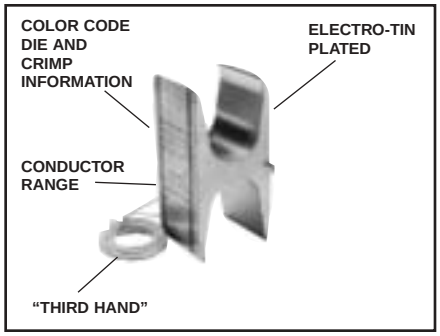
TYPE YH

H-TAP COPPER CRIMPIT™ (Continued)



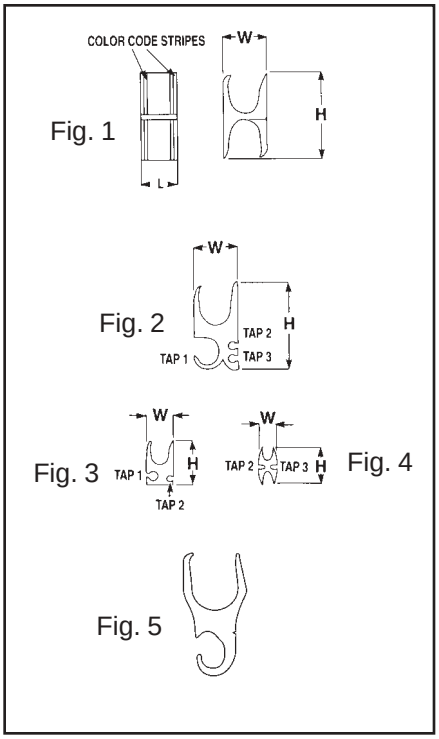


Table 3 Installation Tooling + Dimensions

BURNDY CATALOG NUMBER	FLAME RETARDANT COVER CAT. NO. ‡	▲ TOOLING († NO. OF CRIMPS)								▲ DIE INDEX & EMBOSSMENT	H	W	L	STRIP LENGTH
		FIG NO.	Y35	†	Y750	†	Y46*	†	COLOR CODE					
YH4444	CFR-FR	1	—	—	—	—	P1102	1	White	1102	3.38	1.70	1.00	1-1/8″
YH4429	CFR-FR	5					PYFR	1	Yellow	K-R	3.22	1.70	1.00	1-3/8″
YH3939	CFR-FR	1	—	—	—	—	PYFR	1	Yellow	K-R	2.97	1.50	1.25	1-3/8″
YH3931	CFR-FR	2	—	—	—	—	PYFR	1	Yellow	K-R	2.97	1.50	.95	1-1/16″
YH3434	CFN-FR	1	—	—	U1104M U1104	1 2	P1104 U1104M	1	Brown	1104	2.43	1.15	1.00	1-1/8″
YH3429	CFN-FR ①	2	—	—	U1104M U1104	1 2	P1104 U1104M	1	Brown	1104	2.23	1.31	1.00	1-1/8″
YH2929	CFD-FR	1	—	—	U654	1	U654 P654	1	Purple	654	1.85	.90	.90	1-1/16″
YH292C	CFD-FR	3	—	—	U654	1	U654 P654	1	Purple	654	1.52	.90	.90	1-1/16″
YH298C	CFD-FR	3	—	—	U654	1	U654 P654	1	Purple	654	1.52	.90	.90	1-1/16″
YH2C2C	CFO-FR	4	U-C	1	U-C	1	U-C	1	Brown	C	1.25	.60	.75	7/8″
YH6C6C	CFBG-FR	1	UBGRT	1	UBGRT	1	UBGRT	1	Orange	BG	.81	.39	.60	3/4″
YH8C8C	CFBG-FR	1	U11T-1	1	U11T-1	1	U11T-1	1	Green	11	.63	.40	.60	3/4″

① Use CFN-FR for single tap installation and CFR-FR for multiple tap installation
* Use PUADP-1 adaptor with "U" dies in Y46

NOTE: To obtain connector and cover packaged together, add suffix "-WC" to connector catalog number (example: YH2929-WC includes (1) YH2929 and (1) CFD-FR in a polybag).

‡ To obtain covers made of polyethylene remove suffix -FR (example: CFO) CFO is not flame retardant.
▲ See tooling section of this catalog for complete tool and die listings.

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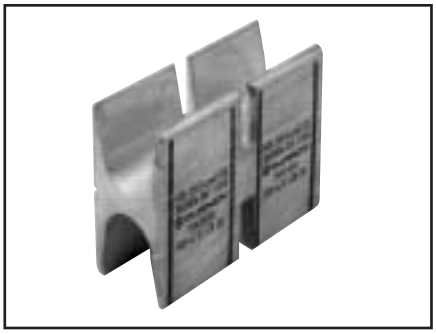
TYPES YSH

H COPPER CRIMPIT™

COPPER SPLIT COMPRESSION WYE TAP CONNECTOR

Type YSH heavy duty connectors are designed for insulated underground wye splices. The split H copper CRIMPIT™ connector is longer than our standard H copper CRIMPIT™ and is suitable for use on high voltage (15 kV) power cables with copper conductors. The connectors can not be used with oil filled or mass impregnated cables since no oil stop is provided. The connector is installed with standard BURNDY® HYPRESS™ tools and is made of tin-plated electrolytic copper.

Expanded TAP 1 Components	
Expanded Catalog Number	**TAP 1 Range**
YSH-294C-E	#4
YSH-292C-E	#2
YSH-2925-E	1/0



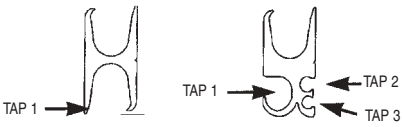


Fig. 1 Fig. 2

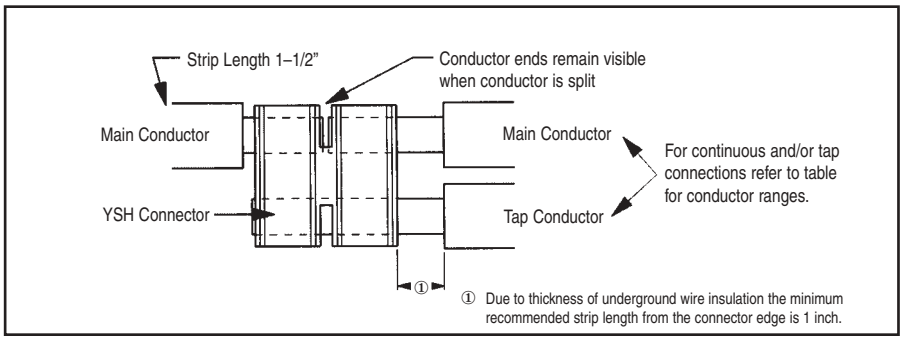
Features and Benefits

- Accommodates a wide range of run/tap copper cable combinations including both flexible and code combinations. All (B/B, B/I, I/B, I/I) combinations acceptable.
  ◊ Each connector has many copper cable combination applications allowing maximum flexibility for the design and installation of a system.
- Tap grooves function independently from each other. Use of one tap is required. Balance may be used or left empty.
  ◊ Provides maximum design and installation flexibility.
- Color code on the connector matches installation die.
  ◊ Provides matched system for fast and easy installation.
- Die index embossed on connector after completion of crimp.
  ◊ Permanent inspectability of installed connectors to ensure consistently reliable and dependable connections.
- Insulation is not provided. Insulation can be obtained from Raychem (800-272-9243) type HVSY Splice kits for 15 kV installations.
  ◊ A complete IEEE 404 15 kV installation is provided.

Catalog Number	Conductor Sizes Code Expanded TAP 1 (Flex Cable)					▲Tooling (†Number of Crimps)					Die Index ▲ & Emboss ment	H	W	L	Strip Length
	Fig.	Main	TAP 1	TAP 2	TAP 3	Y750	†	Y46*	†	Color Code					
YSH2929	1	250-2 (4/0-2)	250-2 (4/0-2)			U654	(4)	U654 P654	(4)/(2)	PURPLE	654	1.85	.90	3.00	See Application Notes Below
YSH3429	2	500-4/0 (350-4/0)	250-1/0 (4/0-1/0)	1-6 STR/SOL (1-8)	8-14 (8-14)	U1104	(4)	U1104 P1104	(4)/(2)	BROWN	1104	2.23	1.31		
YSH3434	1	500-250 (350-4/0)	500-4/0 (350-4/0)			U1104	(4)	U1104 P1104	(4)/(2)	BROWN	1104	2.43	1.15		
YSH3931	2	750-350 (550-500)	350-1/0 (350-1/0)	1-6 STR/SOL (1-8)	2-14 (2-14)	- -	- -	PYFR	2	YELLOW	K-R	2.97	1.50		
YSH3939	1	750-350 (550-500)	750-350 (550-350)			-	-	PYFR	2	YELLOW	K-R	2.97	1.50		

* Use PUADP-1 adaptor with "U" dies in Y46. The Y46 and P dies result in a smooth crimp surface and is recommended for voltages above 600V.

▲ See tooling section of this catalog for complete tool and die listings.
† Number of crimps per connector. "U" -dies require double crimps.



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TYPE CF-FR

H-TAP - FLAME RETARDANT COVER

UL Listed to 600 Volts

600 VOLT 90° C

Features and Benefits

- One-piece design.
  ◊ No extra parts or hardware required.
- Slips over connector and latches securely shut.
  ◊ Fast, easy, reliable insulation of H-Tap compression.
- Eliminates tapping.
  ◊ Economical, fast, easy installation.
- Flash barriers.
  ◊ Protects against electrical flashover.
- CF-FR flame retardant design.
  ◊ Self-extinguishing retardant properties.
- Minimum 28 oxygen index.
  ◊ Self-extinguishing retardant properties.
- UL 94 V-O rated.
  ◊ Self-extinguishing retardant properties.

CATALOG NUMBER	MAX. CONDUCTOR ACCOMMODATED	MATCHED H COPPER CRIMPIT™	MAX. CONNECTOR LENGTH	CONNECTOR COLOR CODE
CFBG-FR	#8 AWG	YH8C8C	.65	Green
	#6 AWG	YH6C6C		Orange
CFO-FR	#2 AWG	YH2C2C	.80	Brown
CFD-FR	250 kcmil	YH292C, YH298C, YH2929	.95	Purple
CFN-FR	500 kcmil	YH3434, YH3429*	1.10	Brown
CFR-FR †	750 kcmil	YH3939, YH3931, YH4429	1.30	Yellow
	1000 kcmil	YH4444	1.10	White

* Use CFR-FR WHEN MULTIPLE TAPS ARE USED.
† Two-piece design packaged together.

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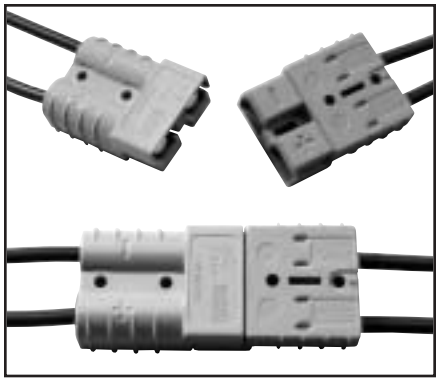
TYPE PP & YP

QikPwr®
SEPARABLE POWER CONNECTORS

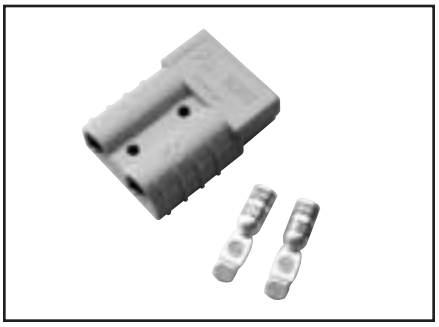


QikPwr® Separable Power Connectors are designed to allow for quickly mating and unmating two-pole applications. Available for use in 50, 175, and 350 Amp applications. Rated for up to 600 volt continuous AC or DC operations. Each contact is Silver-Plated to ensure high conductivity. Housings are UL94VO rated.

For sizes and colors not shown, contact our world class customer service department.

Kits: Contacts & Housing Packaged together

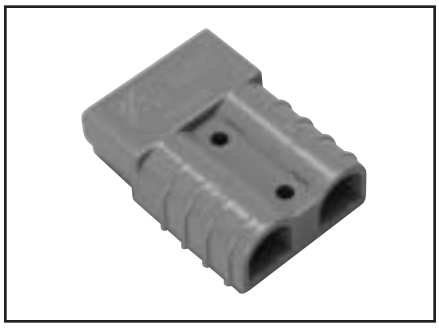
CATALOG NUMBER	AMPS	HOUSING QTY. = 1	CONTACT QTY. = 2
YPK14SV50GRY	35	PPH50GRY	YPP14SV50
YPK10SV50GRY	50	PPH50GRY	YPP10SV50
YPK8CSV50GRY	50	PPH50GRY	YPP8CSV50
YPK6CSV50GRY	50	PPH50GRY	YPP6CSV50
YPK1CSV175GRY	175	PPH175GRY	YPP1CSV175
YPK25SV175GRY	175	PPH175GRY	YPP25SV175
YPK26SV350BLU	350	PPH350BLU	YPP26SV350
YPK26SV350GRY	350	PPH350GRY	YPP26SV350



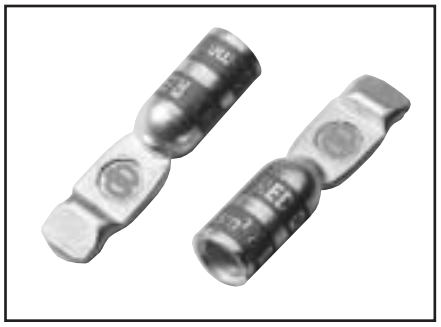
Standard packaging = 1 housing and 2 contacts in bag.
Bulk packaging available, contact factory.
Customer specific kits available, contact factory.

Housings

CATALOG NUMBER	AMPS	COLOR
PPH50BLK	50	Black
PPH50GRY	50	Gray
PPH50RED	50	Red
PPH175GRY	175	Gray
PPH350BLU	350	Blue
PPH350GRY	350	Gray



Standard packaging = 1 per box.
Bulk packaging available, contact factory.
Other colors/amperages available upon request, contact factory.



Contacts

CATALOG NUMBER	AMPS	CONDUCTOR AWG & FLEX CU	CONDUCTOR METRIC	FCI INSTALLATION TOOLING	COLOR CODE, DIE INDEX, (# OF CRIMPS)		
YPP14SV50	35	#14 AWG & FLEX	2.5 mm²	Y1MR-TC, Y1MR, & Y2MR	Red	49	(2)
YPP10SV50	50	#12-10 AWG & FLEX	4-6 mm²		Blue	7	(2)
YPP8CSV50	50	#8 AWG & FLEX	10 mm²				
YPP6CSV50	50	#6 AWG & FLEX	16 mm²				
YPP1CSV175*	175	#1 AWG & FLEX	50 mm²	U1CRT, W1CRT & W1CVT Dies	Green	11	(1)
YPP25SV175*	175	1/0 AWG & FLEX	50 mm²				
YPP26SV350	350	2/0 AWG & FLEX	70 mm²	U26RT, W26RT, & W26VT Dies	Black	13	(1)

Standard packaging = 2 per bag.
Bulk packaging available, contact factory.
Other conductor/amperage sizes available upon request, contact factory.

* Y1MR and Y1MRTC tools are not specified for use with this connector.

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TYPES YST

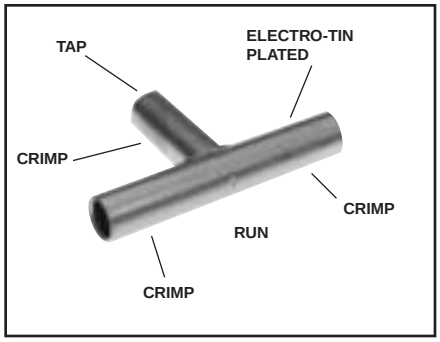
UNINSULATED "T"

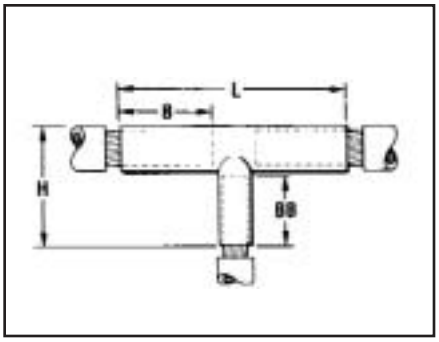
COPPER HYTEE™ COUPLER

UL Listed 90° C,
600 Volts to 35 KV◆

Type YST copper compression tee is designed for connecting a run conductor with a perpendicular tap conductor.

YST connectors are commonly used in junction boxes and manholes to make a radial tap off a main run. They are needed in many industrial, utility generation and commercial applications. The most common cable combinations are listed below. BURNDY® Type Y-R reducers can be used to accommodate most cable combinations.





Features and Benefits

- Manufactured from seamless high conductivity electrolytic copper tubing with heavy duty wall thickness.
  - ◊ Provides maximum conductivity, low resistance and ductility for an excellent combination of electrical and crimp forming properties.
- Long barrel design on all three (3) legs.
  - ◊ Provides for an additional crimp or indent with almost twice the pull out strength properties as a standard length barrel plus a connection that will operate cooler under heavy loading.
- Long barrel permits the use of the Y-R reducers.
  - ◊ Affords total flexibility and versatility for virtually any conductor combination.
- Electro-tin plated.
  - ◊ Provides durable long-lasting corrosion resistance.
- Barrel diameter closely matches commercial (code) cable and Navy cable diameters.
  - ◊ Provides an excellent relationship of the conductor/ connector combination to produce a high quality electrical connection with the recommended tooling.

CATALOG NUMBER	CODE • CONDUCTORS RUN	CODE • CONDUCTORS TAP	DIMENSIONS B	DIMENSIONS BB	DIMENSIONS H	DIMENSIONS L	DIELESS MECHANICAL HYTOOL	DIELESS HYDRAULIC HYPRESS	INSTALLATION TOOLING ▲ RUN CONDUCTORS Y35, ▲ Y39, Y750, Y46* DIE NUMBER (# OF CRIMPS)	RUN COLOR CODE	RUN DIE INDEX	TAP CONDUCTOR Y35, ▲ Y39, Y750, Y46* DIE NUMBER (# OF CRIMPS)	TAP COLOR CODE	TAP DIE INDEX ▲	WIRE LENGTH RUN	WIRE LENGTH TAP
YST4C4C	4 str.	4 str.	1.44	1.38	1.72	3.25	MY29-3 or MY29-11 (2)-Crimps Each End	Y644M (1)-Crimp Each End	U4CRT (2)	Gray	8 or 346	U4CRT (2)	Gray	8 or 346	1-3/16″	1-3/16″
YST2C2C	2 str.	2 str.	1.56	1.56	1.98	3.56			U2CRT (2)	Brown	10	U2CRT (2)	Brown	10	1-5/16″	1-5/16″
YST2525	1/0 str.	1/0 str.	1.62	1.56	1.91	3.81			U24RT (2)	Pink	12 or 348	U25RT (2)	Pink	12 or 348	1-7/16″	1-7/16″
YST2626	2/0 str.	2/0 str.	1.69	1.67	2.18	3.94			U26RT (2)	Black	13	U26RT (2)	Black	13	1-9/16″	1-9/16″
YST282C	4/0 str.	2 str.	1.75	1.50	2.12	3.94			U28RT (2)	Purple	15	U2CRT (2)	Brown	10	1-11/16″	1-5/16″
YST2825	4/0 str.	1/0 str.	1.75	1.56	2.25	4.00			U28RT (2)	Purple	15	U25RT (2)	Pink	12 or 348	1-11/16″	1-3/16″
YST2828	4/0 str.	4/0 str.	1.75	1.75	2.44	4.19			U28RT (2)	Purple	15	U28RT (2)	Purple	15	1-11/16″	1-11/16″
YST2929	250 kcmil	250 kcmil	1.75	1.78	2.53	4.25	—		U29RT (2)	Yellow	16	U29RT (2)	Yellow	16	1-11/16″	1-11/16″
YST3131	350 kcmil	350 kcmil	2.31	2.25	3.12	5.50			U31RT (4)	Red	18 or 324	U31RT (4)	Red	18 or 324	2″	2″
YST3428	500 kcmil	4/0 str.	2.56	1.75	2.81	5.81			U34RT (4)	Brown	20 or 299	U28RT (2)	Purple	15	2-5/16″	1-11/16″
YST3434	500 kcmil	500 kcmil	2.25	2.70	3.76	6.19			U34RT (4)	Brown	20 or 299	U34RT (4)	Brown	20 or 299	2-5/16″	2-5/16″
YST3939	750 kcmil	750 kcmil	3.46	3.34	4.64	8.12			U39RT (4)	Black	24 or 473	U39RT (4)	Black	24 or 473	2-15/16″	2-15/16″

* Use adapter PUADP-1 with "U" Dies in Y46 HYPRESS™.
■ The maximum size for the Y35 is 400 kcmil.
• Contact factory for conductor combinations not shown.
▲ See tooling section of this catalog for complete tool and die listings.

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

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T-CONNECTOR

TYPE NYT

CABLE RUN — CABLE TAP

UL Listed 90° C,
600 Volts to 35 KV ◆

A "T" connector designed to provide a clamp-type element on the run and a permanent HYPRESS™ connection on the tap. Recommended for use on ring buses or for applications where occasional disconnects from the run conductor are desired without disturbing the tap connection. Tin plated. For proper installation of tap cable, see table below.

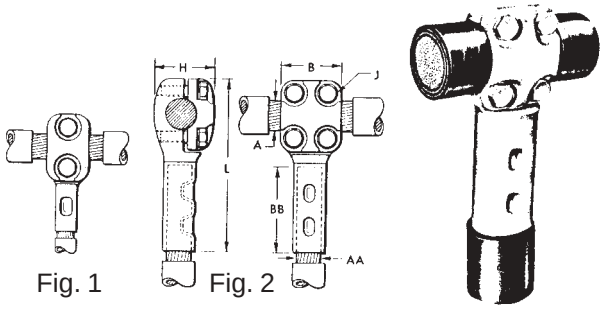

Fig. 1 Fig. 2

CONDUCTOR SIZE		CATALOG	FIG.	DIMENSIONS IN INCHES					INSTALLATION INFORMATION HYPRESS™ AND INDENTOR DIE				(NO. OF	APP. SHIP. WT. IN
									Y29B WITH Y29PR	Y34A WITH Y34PR	Y34B WITH Y34PR	Y44B WITH Y44PR		
RUN A	TAP AA	NUMBER	NO.	B	BB	H	J	L	NEST DIE				INDENTS)	LBS.
4/0 STR.	#2 STR.	**NYT282C**	1	1-3/8	1-1/4	1-3/8	3/8	3-13/16	D2CL	A2CD	B2CD	—	(1)	1.5
	1/0 STR.	**NYT2825**	1	1-3/8	1-3/8	1-3/8	3/8	4	D25L	A25D	B25D	—	(1)	1.5
	2/0 STR.	**NYT2826**	1	1-3/8	1-1/2	1-3/8	3/8	4-1/8	D26L	A26D	B26D	—	(1)	1.5
	4/0 STR.	**NYT2828**	2	2	1-5/8	1-3/8	3/8	4-5/16	D28L	A28D	B28D	E28D	(1)	2.2
250 MCM	#2 STR.	**NYT292C**	1	1-3/8	1-1/4	1-7/16	3/8	3-13/16	D2CL	A2CD	B2CD	—	(1)	1.5
	1/0 STR.	**NYT2925**	1	1-3/8	1-3/8	1-7/16	3/8	4-1/16	D25L	A25D	B25D	—	(1)	1.5
	2/0 STR.	**NYT2926**	1	1-3/8	1-1/2	1-7/16	3/8	4-3/16	D26L	A26D	B26D	—	(1)	1.5
	4/0 STR.	**NYT2928**	2	2	1-5/8	1-7/16	3/8	4-3/8	D28L	A28D	B28D	E28D	(1)	2.2
	250 MCM	**NYT2929**	2	2	1-5/8	1-7/16	3/8	4-7/16	D29L	A29D	B29D	E29D	(1)	2.2
350 MCM	1/0 STR.	**NYT3125**	1	1-3/8	1-3/8	1-1/2	3/8	4-1/8	D25L	A25D	B25D	—	(1)	1.5
	2/0 STR.	**NYT3126**	1	1-3/8	1-1/2	1-1/2	3/8	4-5/16	D26L	A26D	B26D	—	(1)	1.5
	4/0 STR.	**NYT3128**	2	2	1-5/8	1-1/2	3/8	4-1/2	D28L	A28D	B28D	E28D	(1)	2.2
	250 MCM	**NYT3129**	2	2	1-5/8	1-1/2	3/8	4-9/16	D29L	A29D	B29D	E29D	(1)	2.2
	350 MCM	**NYT3131**	2	2	2	1-1/2	3/8	5	—	A31D	B31D	E31D	(2)	2.5
500 MCM	2/0 STR.	**NYT3426**	1	1-3/8	1-1/2	1-5/8	3/8	4-7/16	D26L	A26D	B26D	—	(1)	1.7
	4/0 STR.	**NYT3428**	2	2	1-5/8	1-5/8	3/8	4-5/8	D28L	A28D	B28D	E28D	(1)	2.5
	250 MCM	**NYT3429**	2	2	1-5/8	1-5/8	3/8	4-5/8	D29L	A29D	B29D	E29D	(1)	2.5
	350 MCM	**NYT3431**	2	2	2	1-5/8	3/8	5-1/16	—	A31D	B31D	E31D	(2)	2.5
	500 MCM	**NYT3434**	2	2	2-1/4	1-5/8	3/8	5-3/8	—	A34D	No Nest Die Req.	E34D	(2)	2.5
750 MCM	2/0 STR.	**NYT3926**	1	1-3/8	1-1/2	1-7/8	3/8	4-5/8	D26L	A26D	B26D	—	(1)	1.7
	4/0 STR.	**NYT3928**	2	2	1-5/8	1-7/8	3/8	4-13/16	D28L	A28D	B28D	E28D	(1)	2.5
	250 MCM	**NYT3929**	2	2	1-5/8	1-7/8	3/8	4-13/16	D29L	A29D	B29D	E29D	(1)	2.5
	350 MCM	**NYT3931**	2	2	2	1-7/8	3/8	5-1/4	—	A31D	B31D	E31D	(2)	2.5
	500 MCM	**NYT3934**	2	2	2-1/4	1-7/8	3/8	5-9/16	—	A34D	No Nest Die Req.	E34D	(2)	2.7
	750 MCM	**NYT3939**	2	2	2-7/8	1-7/8	3/8	6-1/4	—	—	—	E39D	(2)	3.0
1000 MCM	2/0 STR.	**NYT4426**	1	1-3/8	1-1/2	2-1/8	3/8	4-3/4	D26L	A26D	B26D	—	(1)	1.7
	4/0 STR.	**NYT4428**	2	2	1-5/8	2-1/8	3/8	4-15/16	D28L	A28D	B28D	E28D	(1)	2.5
	250 MCM	**NYT4429**	2	2	1-5/8	2-1/8	3/8	5	D29L	A29D	B29D	E29D	(1)	2.5
	350 MCM	**NYT4431**	2	2	2	2-1/8	3/8	5-7/16	—	A31D	B31D	E31D	(2)	2.5
	500 MCM	**NYT4434**	2	2	2-1/4	2-1/8	3/8	5-3/4	—	A34D	No Nest Die Req.	E34D	(2)	2.7
	750 MCM	**NYT4439**	2	2	2-7/8	2-1/4	3/8	6-3/8	—	—	—	E39D	(2)	3.0
	1000 MCM	**NYT4444**	2	2-11/16	3	2-5/16	1/2	7	—	—	—	No Nest Die Req.	(2)	3.2
1500 MCM	4/0 STR.	**NYT4628**	2	2	1-5/8	2-1/16	3/8	5-3/8	D28L	A28D	B28D	E28D	(1)	4.7
	250 MCM	**NYT4629**	2	2	1-5/8	2-1/16	3/8	5-7/16	D29L	A29D	B29D	E29D	(1)	4.7
	350 MCM	**NYT4631**	2	2	2	2-1/16	3/8	5-7/8	—	A31D	B31D	E31D	(2)	4.7
	500 MCM	**NYT4634**	2	2	2-1/4	2-1/16	3/8	6-3/16	—	A34D	No Nest Die Req.	E34D	(2)	4.7
	750 MCM	**NYT4639**	2	2	2-7/8	2-1/16	3/8	6-3/4	—	—	—	E39D	(2)	5.2
	1000 MCM	**NYT4644**	2	2-11/16	3	2-3/4	1/2	7-1/8	—	—	—	No Nest Die Req.	(2)	7.5
	1500 MCM	**NYT4646**	2	2-11/16	3-3/16	2-3/4	1/2	7-11/16	—	—	—	C46D*	(2)	8.0

* Y48B HYPRESS™ with Y48PR indentor.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

NOTE: Circumferential dies may be used. For information contact BURNDY®.

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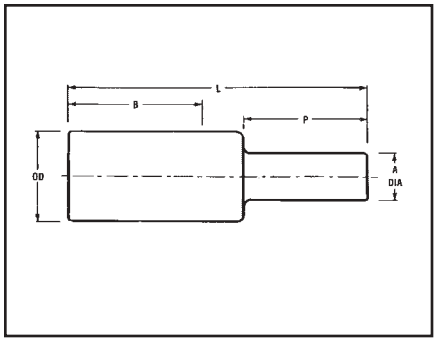
TYPE YE-P, YE-P-FX

HYPLUG™ FOR COPPER CONDUCTOR

Type YE-P copper compression adapters are designed for reliable termination of **copper** conductor when the current capacity of the conductor is downsized, but larger conductor is utilized. Typical applications are for voltage drop protection when oversized conductors are used or flex conductor is used. These adapters facilitate the termination into existing mechanical set screw connectors for various stranded copper cables.



90° C

CATALOG NUMBER	ACCOMMODATES COPPER WIRE SIZES: FLEX CABLE	CODE AWG	NAVY	PIN SIZE EQUIV-ALENT	DIMENSIONS: A DIA. [MM]	B [MM]	L [MM]	P [MM]	OD [MM]	INSTALLATION DATA: COLOR CODE	DIE INDEX	MECH TOOLS (# OF CRIMPS): MY	Y2MR	MD7-34R	MD6/ MD7	HYDRAULIC TOOLS (# OF CRIMPS): Y35/Y39 Y750	Y45	④ Y46	Y60BHU	Y644M (ACCOMMODATES EXPANDED WIRE RANGE)	CABLE STRIP LENGTH
YEV4CP20X75FX	#4 STR. (91/24-105/24)	#4	40	#4	.20 [5]	1.37 [35]	2.27 [58]	.75 [19]	.38 [10]	Gray	8	MY29-11 (2)	Y2MR (4)	W4CVT (4)	W4CRT (4)	U4CRT (2)	U4CRT (2)	U4CRT (2)	—	#4 - #6 AWG (1)	1-15/32″
YEV2CP26X75FX	#2 STR. (125/24-150/24)	#2	60	#2	.26 [7]	1.65 [42]	2.60 [66]	.75 [19]	.46 [12]	Brown	10	MY29-11 (2)	Y2MR (4)	W2CVT (4)	W2CRT (4)	U2CRT (2)	U2CRT (2)	U2CRT (2)	—	#2 - #6 AWG (1)	1-3/4″
YEV1CP29X75FX	#1 STR. (175/24-225/24)	#1	75	#1	.29 [8]	1.66 [42]	2.63 [67]	.75 [19]	.51 [13]	Green	11	MY29-11 (2)	—	W1CVT (4)	W1CRT (4)	U1CRT-1 (2)	U1CRT-1 (2)	U1CRT-1 (2)	—	#1 - #6 AWG (1)	1-3/4″
YEV25P33X75FX	1/0 STR. (275/24)	1/0	100	1/0	.33 [8]	1.80 [46]	2.80 [71]	.75 [19]	.56 [14]	Pink	12	MY29-11 (2)	—	W25VT (4)	W25RT (4)	U25RT (2)	U25RT (2)	U25RT (2)	—	1/0 - #6 AWG (1)	1-7/8″
YEV26P37X75FX	2/0 STR. (325/24)	2/0	125	2/0	.37 [9]	1.82 [46]	2.86 [73]	.75 [19]	.63 [16]	Black	13	MY29-11 (2)	—	W26VT (4)	W26RT (4)	U26RT (2)	U26RT (2)	U26RT (2)	—	2/0 - #4 AWG (1)	1-7/8″
YEV27P41X82FX	3/0 STR. (450/24)	3/0	150	3/0	.41 [10]	1.97 [50]	3.11 [77]	.82 [21]	.70 [18]	Orange	14	MY29-11 (2)	—	W27VT (4)	W27RT (4)	U27RT (2)	U27RT (2)	U27RT (2)	—	3/0 - #2 AWG (1)	2-1/16″
YEV28P46X92FX	4/0 STR. (550/24)	4/0	200	4/0	.46 [12]	1.99 [51]	3.28 [81]	.92 [23]	.77 [20]	Purple	15	MY29-11 (2)	—	W28VT (4)	W28RT (4)	U28RT (2)	U28RT (2)	U28RT (2)	—	4/0 - #1 AWG (1)	2-1/16″
	FLEX CABLE ONLY																				
YE30P50X100FX	250 kcmil FLEX CLASS G 259 CLASS H 427	—		250 kcmil	.50 [10]	2.37 [60]	3.75 [95]	1.00 [25]	.81 [21]	Yellow	16	MY29-11 (2)	—	W29VT (4)	W29RT (4)	U29RT (2)	U29RT (2)	U29RT (2)	L29RT (1)	(1)	2-3/8″
YE31P51X102FX	262.6 kcmil FLEX 250 FLEX CLASS I, K, M	—		262.6 kcmil	.51 [13]	2.39 [61]	3.82 [97]	1.02 [26]	.88 [22]	White	17	—	—	W30VT (8)	W30RT (8)	U30RT (4)	U30RT (4)	U30RT (4)	L30RT (1)	(1)	2-1/2″
YE32P55X110FX	313.1 kcmil (775/24) (300 kcmil NOM)	—		300 kcmil	.55 [14]	2.53 [65]	4.08 [104]	1.10 [28]	.95 [24]	Red	18	—	—	W31VT (8)	W31RT (8)	U31RT (4)	U31RT (4)	U31RT (4)	L31RT (1)	(1)	2-5/8″
YE34P59X118FX	373.7 kcmil (925/24) (350 kcmil NOM)	—		350 kcmil	.59 [15]	2.68 [68]	4.36 [111]	1.18 [30]	1.06 [27]	Blue	19	—	—	W32VT (8)	W32RT (8)	U32RT (4)	U32RT (4)	U32RT (4)	L32RT (2) 1	(1)	2-3/4″
YE36P67X134FX	444.4 kcmil (1100/24) (450 kcmil NOM)	—		450 kcmil	.67 [17]	3.14 [80]	5.04 [128]	1.34 [34]	1.19 [30]	Brown	20	—	—	—	—	U34RT (4)	U34RT (4)	U34RT (4)	L34RT (2)	(1)	3-1/4″
YE38P71X142FX	535.3 kciml (1325/24) (500 kcmil NOM)	—		500 kcmil	.71 [18]	3.29 [84]	5.30 [135]	1.42 [36]	1.25 [32]	Pink	L99	—	—	—	—	U38XRT (4)	U38XRT (4)	U38XRT (4)	—	(1)	3-3/8″
YE40P78X156FX	646 kcmil (1600/24) (600 kcmil NOM)	—		600 kcmil	.78 [20]	3.31 [84]	5.51 [140]	1.56 [40]	1.35 [34]	Black	24	—	—	—	—	U39RT (4)	U39RT (4)	U39RT (4)	L39RT (2)	(1)	3-7/16″
YE44P87X174FX	777.7 kcmil (1925/24) (750 kcmil NOM)	—		750 kcmil	.87 [22]	3.54 [90]	5.99 [152]	1.74 [44]	1.50 [38]	Yellow	L115	—	—	—	—	U44XRT (4)	U44XRT (4)	U44XRT (4)	—	(1)	3-5/8″
	CODE CONDUCTOR ONLY AWG																				
YE29P50X100	250 kcmil	250		250 kcmil	.50 [13]	1.99 [51]	3.33 [84]	1.00 [25]	.75 [19]	Yellow	16	MY29-11 (2)	—	W29VT (4)	W29RT (4)	U29RT (2)	U29RT (2)	U29RT (2)	L29RT (1)	250 kcmil - 1/0 AWG (1)	2-1/2″
YE30P55X110	300 kcmil	300		300 kcmil	.55 [14]	2.37 [60]	3.85 [98]	1.10 [28]	.81 [21]	White	17	—	—	W30VT (8)	W30RT (8)	U30RT (4)	U30RT (4)	U30RT (4)	L30RT (1)	300 kcmil - 2/0 AWG (1)	2-5/8″
YE31P59X118	350 kcmil	350		350 kcmil	.59 [15]	2.39 [61]	3.98 [101]	1.18 [30]	.88 [22]	Red	18	—	—	W31VT (8)	W31RT (8)	U31RT (4)	U31RT (4)	U31RT (4)	L31RT (1)	350 kcmil - 3/0 AWG (1)	2-3/4″
YE32P63X126	400 kcmil	400		400 kcmil	.63 [16]	2.53 [65]	4.24 [108]	1.26 [32]	.95 [24]	Blue	19	—	—	W32VT (8)	W32RT (8)	U32RT (4)	U32RT (4)	U32RT (4)	L32RT (1)	450 kcmil - 4/0 AWG (1)	3-1/4″
YE34P71X142	500 kcmil	—		500 kcmil	.71 [18]	2.68 [68]	4.60 [117]	1.42 [36]	1.06 [27]	Brown	20	—	—	W34VT (8)	W34RT (8)	U34RT (4)	U34RT (4)	U34RT (4)	L34RT (2)	500 kcmil - 4/0 AWG (1)	3-3/8″
YE36P78X156	600 kcmil	—		600 kcmil	.78 [20]	3.14 [80]	5.25 [133]	1.56 [40]	1.19 [30]	Green	22	—	—	—	—	U36RT (4)	U36RT (4)	U36RT (4)	L36RT (2)	600 kcmil - 250 kcmil (1)	3-7/16″
YE39P87X174	750 kcmil	—		750 kcmil	.87 [22]	3.37 [86]	5.73 [145]	1.74 [44]	1.30 [33]	Black	24	—	—	—	—	U39RT (4)	U39RT (4)	U39RT (4)	L39RT (2)	750 kcmil - 500 kcmil (1)	3-5/8″

1 For sizes above 4/0 the MD6-6R2 must be used.

④ To use "U" Dies in Y46 HYPRESS™, catalog number PUADP-1 die adaptor is required.

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REDUCED PIN DIAMETER

CATALOG NUMBER	ACCOMMODATES COPPER WIRE SIZES			PIN SIZE	DIMENSIONS					INSTALLATION DATA											
												MECH TOOLS (# OF CRIMPS)				HYDRAULIC TOOLS (# OF CRIMPS)					
	FLEX CABLE	CODE AWG	NAVY	EQUIV-ALENT	A DIA. [MM]	B [MM]	L [MM]	P [MM]	OD [MM]	COLOR CODE	DIE INDEX	MY	Y2MR	MD7-34R	MD6/ MD7	Y35/Y39 Y750	Y45	④ Y46	Y60BHU	Y644M (ACCOMMODATES EXPANDED WIRE RANGE)	CABLE STRIP LENGTH
YEV4CP19X75FX	#4 STR. (91/24-105/24)	#4	40	#5	.19 [5]	1.37 [35]	2.27 [58]	.75 [19]	.38 [10]	Gray	8	MY29-11 (2)	Y2MR (4)	W4CVT (2)	W4CVT (2)	U4CRT (2)	U4CRT (2)	U4CRT (2)	—	#4 - #6 AWG (1)	1-15/32"
YEV2CP23X75FX	#2 STR. (125/24-150/24)	#2	60	#3	.23 [6]	1.65 [42]	2.60 [66]	.75 [19]	.46 [12]	Brown	10	MY29-11 (2)	Y2MR (4)	W2CVT (2)	W2CVT (2)	U2CRT (2)	U2CRT (2)	U2CRT (2)	—	#2 - #6 AWG (1)	1-3/4"
YEV1CP26X75FX	#1 STR. (175/24-225/24)	#1	75	#2	.26 [7]	1.66 [42]	2.63 [67]	.75 [19]	.51 [13]	Green	11	MY29-11 (2)	—	W1CVT (2)	W1CVT (2)	U1CRT (2)	U1CRT (2)	U1CRT (2)	—	#1 - #6 AWG (1)	1-3/4"
YEV25P29X75FX	1/0 STR. (275/24)	1/0	100	#1	.29 [8]	1.80 [46]	2.80 [71]	.75 [19]	.56 [14]	Pink	12	MY29-11 (2)	—	W25VT (4)	W25VT (4)	U25RT (2)	U25RT (2)	U25RT (2)	—	1/0 - #6 AWG (1)	1-7/8"
YEV26P33X75FX	2/0 STR. (325/24)	2/0	125	1/0	.33 [8]	1.82 [46]	2.86 [73]	.75 [19]	.63 [16]	Black	13	MY29-11 (2)	—	W26VT (4)	W26VT (4)	U26RT (2)	U26RT (2)	U26RT (2)	—	2/0 - #4 AWG (1)	1-7/8"
YEV27P37X75FX	3/0 STR. (450/24)	3/0	150	2/0	.37 [9]	1.97 [50]	3.04 [77]	.75 [19]	.70 [18]	Orange	14	MY29-11 (2)	—	W27VT (4)	W27VT (4)	U27RT (2)	U27RT (2)	U27RT (2)	—	3/0 - #2 AWG (1)	2-1/16"
YEV28P41X75FX	4/0 STR. (550/24)	4/0	200	3/0	.41 [10]	1.99 [51]	3.18 [81]	.75 [21]	.77 [20]	Purple	15	MY29-11 (2)	—	W28VT (4)	W28VT (4)	U28RT (2)	U28RT (2)	U28RT (2)	—	4/0 - #1 AWG (1)	2-1/16"
	FLEX CABLE ONLY																				
YE30P46X92FX	250 kcmil FLEX CLASS G 259 CLASS H 427	—		4/0	.46 [12]	2.37 [60]	3.67 [93]	.92 [23]	.81 [21]	Yellow	16	MY29-11 (2)	—	W29VT (4)	W29VT (4)	U29RT (2)	U29RT (2)	U29RT (2)	L29RT (1)	(1)	2-3/8"
YE31P46X92FX	262.6 kcmil FLEX 250 FLEX CLASS I, K, M	—		4/0	.46 [12]	2.39 [61]	3.72 [94]	.92 [23]	.88 [22]	White	17	—	—	W30VT (8)	—	U30RT (4)	U30RT (4)	U30RT (4)	L30RT (1)	(1)	2-1/2"
YE32P51X102FX	313.1 kcmil (775/24) (300 kcmil NOM)	—		250 kcmil	.51 [13]	2.53 [65]	4.00 [102]	1.02 [26]	.95 [24]	Red	18	—	—	W31VT (8)	—	U31RT (4)	U31RT (4)	U31RT (4)	L31RT (1)	(1)	2-5/8"
YE34P55X110FX	373.7 kcmil (925/24) (350 kcmil NOM)	—		300 kcmil	.55 [14]	2.68 [68]	4.28 [109]	1.10 [28]	1.06 [27]	Blue	19	—	—	W32VT (8)	—	U32RT (4)	U32RT (4)	U32RT (4)	L32RT (2)	(1)	2-3/4"
YE36P59X118FX	444.4 kcmil (1100/24) (450 kcmil NOM)	—		350 kcmil	.59 [15]	3.14 [80]	4.88 [124]	1.18 [30]	1.19 [30]	Brown	20	—	—	—	—	U34RT (4)	U34RT (4)	U34RT (4)	L34RT (2)	(1)	3-1/4"
YE38P67X134FX	535.3 kcmil (1325/24) (500 kcmil NOM)	—		450 kcmil	.67 [17]	3.29 [84]	5.22 [133]	1.34 [34]	1.25 [32]	Pink	L99	—	—	—	—	U38XRT (4)	U38XRT (4)	U38XRT (4)	—	(1)	3-3/8"
YE40P71X142FX	646 kcmil (1600/24) (600 kcmil NOM)	—		500 kcmil	.71 [18]	3.31 [84]	5.27 [136]	1.42 [36]	1.35 [34]	Black	24	—	—	—	—	U39RT (4)	U39RT (4)	U39RT (4)	L39RT (2)	(1)	3-7/16"
YE44P78X156FX	777.7 kcmil (1925/24) (750 kcmil NOM)	—		600 kcmil	.78 [20]	3.54 [90]	5.81 [148]	1.56 [40]	1.50 [38]	Yellow	L115	—	—	—	—	U44XRT (4)	U44XRT (4)	U44XRT (4)	—	(1)	3-5/8"
	CODE CONDUCTOR ONLY AWG																				
YE29P46X92	250 kcmil	250		4/0	.46 [12]	2.37 [60]	3.25 [82]	.92 [23]	.75 [19]	Yellow	16	MY29-11 (2)	—	W29VT (4)	W29RT (4)	U29RT (2)	U29RT (2)	U29RT (2)	L29RT (1)	250 kcmil - 1/0 AWG (1)	2-1/2"
YE30P50X100	300 kcmil	300		250 kcmil	.51 [13]	2.39 [61]	3.75 [95]	1.00 [25]	.81 [21]	White	17	—	—	W30VT (8)	W30RT (8)	U30RT (4)	U30RT (4)	U30RT (4)	L30RT (1)	300 kcmil - 2/0 AWG (1)	2-5/8"
YE31P55X110	350 kcmil	350		300 kcmil	.55 [14]	2.53 [65]	3.90 [99]	1.10 [28]	.88 [22]	Red	18	—	—	W31VT (8)	W31RT (8)	U31RT (4)	U31RT (4)	U31RT (4)	L31RT (1)	350 kcmil - 3/0 AWG (1)	2-3/4"
YE32P59X118	400 kcmil	400		350 kcmil	.59 [15]	2.68 [68]	4.16 [106]	1.18 [30]	.95 [24]	Blue	19	—	—	W32VT (8)	W32RT (8)	U32RT (4)	U32RT (4)	U32RT (4)	L32RT (2)	450 kcmil - 4/0 AWG (1)	3-1/4"
YE34P63X126	500 kcmil	—		400 kcmil	.63 [16]	3.14 [80]	4.44 [113]	1.26 [32]	1.06 [27]	Brown	20	—	—	W34VT (8)	W34RT (8)	U34RT (4)	U34RT (4)	U34RT (4)	L34RT (2)	500 kcmil - 4/0 AWG (1)	3-3/8"
YE36P71X142	600 kcmil	—		500 kcmil	.71 [18]	3.37 [86]	5.11 [130]	1.42 [36]	1.19 [30]	Green	22	—	—	—	—	U36RT (4)	U36RT (4)	U36RT (4)	L36RT (2)	600 kcmil - 250 kcmil (1)	3-7/16"
YE39P78X156	750 kcmil	—		600 kcmil	.78 [20]	3.37 [86]	5.55 [141]	1.56 [40]	1.30 [33]	Black	24	—	—	—	—	U39RT (4)	U39RT (4)	U39RT (4)	L39RT (2)	750 kcmil - 500 kcmil (1)	3-5/8"

1 For sizes above 4/0 the MD6-6R2 must be used.
④ To use "U" Dies in Y46 HYPRESS™, Catalog number PUADP-1 die adaptor is required.

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REDUCED PIN DIAMETER

CATALOG NUMBER	ACCOMMODATES COPPER WIRE SIZES: FLEX CABLE	CODE AWG	NAVY	PIN SIZE EQUIV-ALENT	DIMENSIONS: A DIA. [MM]	B [MM]	L [MM]	P [MM]	OD [MM]	INSTALLATION DATA: COLOR CODE	DIE INDEX	MECH TOOLS (# OF CRIMPS): MY	Y2MR	MD7-34R	MD6/ MD7	HYDRAULIC TOOLS (# OF CRIMPS): Y35/Y39 Y750	Y45	④ Y46	Y60BHU	Y644M (ACCOMMODATES EXPANDED WIRE RANGE)	CABLE STRIP LENGTH
YEV4CP16X75FX	#4 STR. (91/24-105/24)	#4	40	#6	.16 [4]	1.37 [35]	2.27 [58]	.75 [19]	.38 [10]	Gray	8	MY29-11 (2)	Y2MR (4)	W4CVT (4)	W4CRT (4)	U4CRT (2)	U4CRT (2)	U4CRT (2)	—	#4 - #6 AWG (1)	1-15/32″
YEV2CP20X75FX	#2 STR. (125/24-150/24)	#2	60	#4	.20 [5]	1.65 [42]	2.60 [66]	.75 [19]	.46 [12]	Brown	10	MY29-11 (2)	Y2MR (4)	W2CVT (4)	W2CRT (4)	U2CRT (2)	U2CRT (2)	U2CRT (2)	—	#2 - #6 AWG (1)	1-3/4″
YEV1CP23X75FX	#1 STR. (175/24-225/24)	#1	75	#3	.23 [6]	1.66 [42]	2.63 [67]	.75 [19]	.51 [13]	Green	11	MY29-11 (2)	—	W1CVT (4)	W1CRT (4)	U1CRT-1 (2)	U1CRT-1 (2)	U1CRT-1 (2)	—	#1 - #6 AWG (1)	1-3/4″
YEV25P26X75FX	1/0 STR. (275/24)	1/0	100	#2	.26 [7]	1.80 [46]	2.80 [71]	.75 [19]	.56 [14]	Pink	12	MY29-11 (2)	—	W25VT (4)	W25RT (4)	U25RT (2)	U25RT (2)	U25RT (2)	—	1/0 - #6 AWG (1)	1-7/8″
YEV26P29X75FX	2/0 STR. (325/24)	2/0	125	#1	.29 [8]	1.82 [46]	2.86 [73]	.75 [19]	.63 [16]	Black	13	MY29-11 (2)	—	W26VT (4)	W26RT (4)	U26RT (2)	U26RT (2)	U26RT (2)	—	2/0 - #4 AWG (1)	1-7/8″
YEV27P33X75FX	3/0 STR. (450/24)	3/0	150	1/0	.33 [8]	1.97 [50]	3.04 [77]	.75 [19]	.70 [18]	Orange	14	MY29-11 (2)	—	W27VT (4)	W27RT (4)	U27RT (2)	U27RT (2)	U27RT (2)	—	3/0 - #2 AWG (1)	2-1/16″
YEV28P37X75FX	4/0 STR. (550/24)	4/0	200	2/0	.37 [9]	1.99 [51]	3.11 [81]	.75 [19]	.77 [20]	Purple	15	MY29-11 (2)	—	W28VT (4)	W28RT (4)	U28RT (2)	U28RT (2)	U28RT (2)	—	4/0 - #1 AWG (1)	2-1/16″
	FLEX CABLE ONLY																				
YE30P41X82FX	250 kcmil FLEX CLASS G 259 CLASS H 427	—	3/0		.41 [10]	2.37 [60]	3.57 [91]	.82 [21]	.81 [21]	Yellow	16	MY29-11 (2)	—	W29VT (4)	W29RT (4)	U29RT (2)	U29RT (2)	U29RT (2)	L29RT (1)	(1)	2-3/8″
YE31P41X82FX	262.6 kcmil FLEX 250 FLEX CLASS I, K, M	—	3/0		.41 [10]	2.39 [61]	3.62 [92]	.82 [21]	.88 [22]	White	17	—	—	W30VT (8)	W30RT (8)	U30RT (4)	U30RT (4)	U30RT (4)	L30RT (1)	(1)	2-1/2″
YE32P46X92FX	313.1 kcmil (775/24) (300 kcmil NOM)	—	4/0		.46 [12]	2.53 [65]	3.90 [99]	.92 [23]	.95 [24]	Red	18	—	—	W31VT (8)	W31RT (8)	U31RT (4)	U31RT (4)	U31RT (4)	L31RT (1)	(1)	2-5/8″
YE34P51X102FX	373.7 kcmil (925/24) (350 kcmil NOM)	—	250 kcmil		.51 [13]	2.68 [68]	4.20 [107]	1.02 [26]	1.06 [27]	Blue	19	—	—	W32VT (8)	W32RT (8)	U32RT (4)	U32RT (4)	U32RT (4)	L32RT (2) 1	(1)	2-3/4″
YE36P55X110FX	444.4 kcmil (1100/24) (450 kcmil NOM)	—	300 kcmil		.55 [14]	3.14 [80]	4.80 [122]	1.10 [28]	1.19 [30]	Brown	20	—	—	—	—	U34RT (4)	U34RT (4)	U34RT (4)	L34RT (2)	(1)	3-1/4″
YE38P59X118FX	535.3 kciml (1325/24) (500 kcmil NOM)	—	350 kcmil		.59 [15]	3.29 [84]	5.06 [129]	1.18 [30]	1.25 [32]	Pink	L99	—	—	—	—	U38XRT (4)	U38XRT (4)	U38XRT (4)	—	(1)	3-3/8″
YE40P67X134FX	646 kcmil (1600/24) (600 kcmil NOM)	—	450 kcmil		.67 [17]	3.31 [84]	5.29 [134]	1.34 [34]	1.35 [34]	Black	24	—	—	—	—	U39RT (4)	U39RT (4)	U39RT (4)	L39RT (2)	(1)	3-7/16″
YE44P71X142FX	777.7 kcmil (1925/24) (750 kcmil NOM)	—	500 kcmil		.71 [18]	3.54 [90]	5.67 [144]	1.42 [36]	1.50 [38]	Yellow	L115	—	—	—	—	U44XRT (4)	U44XRT (4)	U44XRT (4)	—	(1)	3-5/8″
	CODE CONDUCTOR ONLY AWG																				
YE29P31X109	250 kcmil	250	#1		.31	1.99 [51]	3.32 [79]	1.09 [28]	.75 [19]	Yellow	16	MY29-11 (2)	—	W29VT (4)	W29RT (4)	U29RT (2)	U29RT (2)	U29RT (2)	L29RT (1)	250 kcmil - 1/0 AWG (1)	2-1/2″
YE29P41X82			3/0		.41 [10]	1.99 [51]	3.15 [80]	.82 [21]	.75 [19]	Yellow	16	MY29-11 (2)	—	W29VT (4)	W29RT (4)	U29RT (2)	U29RT (2)	U29RT (2)	L29RT (1)	250 kcmil - 1/0 AWG (1)	2-1/2″
YE30P46X92	300 kcmil	300	4/0		.46 [12]	2.37 [60]	3.67 [93]	.92 [23]	.81 [21]	White	17	—	—	W30VT (8)	W30RT (8)	U30RT (4)	U30RT (4)	U30RT (4)	L30RT (1)	300 kcmil - 2/0 AWG (1)	2-5/8″
YE31P50X100	350 kcmil	350	250 kcmil		.51 [13]	2.39 [61]	3.80 [96]	1.00 [25]	.88 [22]	Red	18	—	—	W31VT (8)	W31RT (8)	U31RT (4)	U31RT (4)	U31RT (4)	L31RT (1)	350 kcmil - 3/0 AWG (1)	2-3/4″
YE32P55X110	400 kcmil	400	300 kcmil		.55 [14]	2.53 [65]	4.08 [104]	1.10 [28]	.95 [24]	Blue	19	—	—	W32VT (8)	W32RT (8)	U32RT (4)	U32RT (4)	U32RT (4)	L32RT (1)	450 kcmil - 4/0 AWG (1)	3-1/4″
YE34P59X118	500 kcmil	—	350 kcmil		.59 [15]	2.68 [68]	4.36 [111]	1.18 [30]	1.06 [27]	Brown	20	—	—	W34VT (8)	W34RT (8)	U34RT (4)	U34RT (4)	U34RT (4)	L34RT (2)	500 kcmil - 4/0 AWG (1)	3-3/8″
YE36P63X126	600 kcmil	—	400 kcmil		.63 [16]	3.14 [80]	4.95 [126]	1.26 [32]	1.19 [30]	Green	22	—	—	—	—	U36RT (4)	U36RT (4)	U36RT (4)	L36RT (2)	600 kcmil - 250 kcmil (1)	3-7/16″
YE39P71X142	750 kcmil	—	500 kcmil		.71 [18]	3.37 [86]	5.41 [137]	1.42 [36]	1.30 [33]	Black	24	—	—	—	—	U39RT (4)	U39RT (4)	U39RT (4)	L39RT (2)	750 kcmil - 500 kcmil (1)	3-5/8″

1 For sizes above 4/0 the MD6-6R2 must be used.
④ To use "U" Dies in Y46 HYPRESS™, Catalog number PUADP-1 die adaptor is required.

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TYPE YA-A AND YA-A-TN

HYLUG™

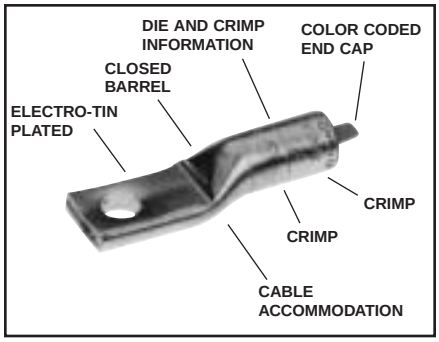
UNINSULATED ALUMINUM COMPRESSION TERMINAL

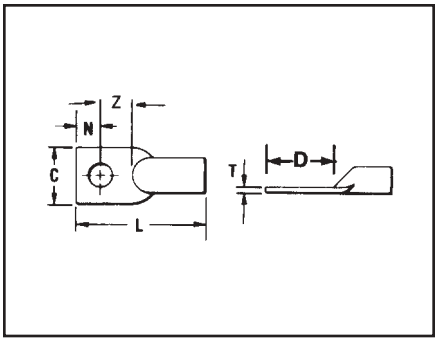
1-HOLE DESIGN

UL Listed 90° C,
600 Volts to 35 KV◆

Type YA-A aluminum tin-plated compression HYLUG™ terminals are dual-rated and designed for use on both aluminum and copper conductors from #12 sol. through 2000 kcmil.

They are designed for heavy duty applications to 35KV. YA-A terminals are prefilled with PENETROX®, and assembled with color-coded end caps. Available with one, two, and four-hole NEMA tongues, the aluminum HYLUG™ terminals are designed for a permanent trouble-free electrical termination.





Features and Benefits

- Manufactured from high conductivity, wrought aluminum with heavy duty wall thickness.
  - ◊ Provides maximum conductivity, low resistance and ductility for an excellent combination of electrical and crimp forming properties.
- Electro-tin plated.
  - ◊ Provides durable long lasting corrosion resistance.
- Internally bevelled barrel.
  - ◊ Provides easy cable insertion.
- Meets UL486B 90° C requirements.
  - ◊ Provides a quality electrical dual connection.
- Connector is clearly marked with wire size, die index, color-code and the proper number and location of crimps.
  - ◊ Provides easy identification and tooling recommendation for a proper compression which forms a homogeneous mass resulting in an excellent electrical connection.
- Factory prefilled with PENETROX® oxide inhibiting compound.
  - ◊ Oxide inhibiting compound contains homogeneously suspended metallic particles to penetrate the wires' oxides, establish electrical continuity and forms an airtight connection.
- Color-coded end caps inserted in barrel end.
  - ◊ Prevents foreign materials from entering and contaminating the connector prior to usage plus identifies the proper color-coded die for a reliable connection.

CATALOG NUMBER	CODE CONDUCTOR •	STUD SIZE	NO. OF HOLES IN PAD	DIMENSIONS C	D	L	N	T REF.	Z MIN.	INSTALLATION TOOLING ▲ DIELESS MECHANICAL TOOLING	HYDRAULIC HYPRESS	Y35, Y39, Y70, Y46* DIE NUMBER (# OF CRIMPS)	COLOR CODE	▲ DIE INDEX	WIRE STRIP LENGTH
YA12WA-TN ‡	12 sol.	12	1	.41	.50	1.19	.20	.08	.30	MR8-27 (1)-Crimp	—	—	①	—	5/8″
YA12A-TN ‡	12 str.	10	1	.41	.50	1.22	.20	.08	.30						
YA10A-TN ‡	10 str.	10	1	.41	.50	1.22	.20	.08	.30						
YA8CA1	8 str.	10	1	.53	.60	1.50	.20	.09	.40	MY29-3 (1)-Crimp	—	U8CABT (1)	Blue	374	5/8″
YA8CA3		1/4		.53	.75	1.65	.25	.09	.50						
YA6CA1	6 str.	1/4	1	.47	.75	1.84	.33	.14	.42		MY644M (1)-Crimp	U6CABT (1)	Gray	346	3/4″
YA6CA3		3/8		.65	1.19	2.28	.44	.09	.75						

- • Contact BURNDY® for conductor, stud sizes and hole drillings not shown.
- ◆ See tooling section of this catalog for complete tool and die listings.
- ① No color code assigned.
- ‡ UL Listed for Aluminum only.
- * Use PUADP-1 adaptor with "U" dies in Y46 HYPRESS™.
- ◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

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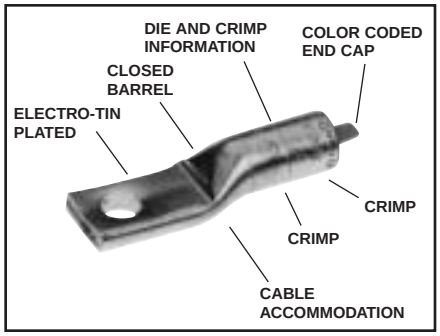
TYPE YA-A AND YA-A-TN
(Continued)

HYLUG™

UNINSULATED ALUMINUM COMPRESSION TERMINAL

1-HOLE DESIGN

UL Listed 90° C,
600 Volts to 35 KV◆



AL9CU

CATALOG NUMBER	CODE CONDUCTOR	STUD SIZE	NO. OF HOLES IN PAD	DIMENSIONS C	D	L	N	T REF.	Z MIN.	INSTALLATION TOOLING ▲ DIELESS MECHANICAL TOOLING	HYDRAULIC HYPRESS	Y35, Y39, Y70, Y46* DIE NUMBER (# OF CRIMPS)	COLOR CODE	▲ DIE INDEX	WIRE STRIP LENGTH
YA4CA1	4 str.	1/4	1	.47	.75	2.13	.33	.18	.42	MY29-3 (1)-Crimp	Y644M (1) Crimp	U4CABT (1)	Green	375	7/8″
YA4CA3		5/16		.80	.87	2.25	.41	.12	.46						
YA4CA6		3/8		.80	.94	2.32	.44	.12	.50						
YA2CA5	2 str.	1/4	1	.50	.91	2.25	.32	.22	.43			U2CABT (1)	Pink	348	1-1/8″
YA2CA1		5/16		.88	1.03	2.50	.41	.16	.47						
YA2CA3		3/8		.88	1.03	2.56	.44	.16	.50						
YA1CA1	1 str.	3/8	1	.76	1.19	2.59	.44	.19	.75			U1CART (1)	Gold	471	15/16″
YA25A1	1/0 str.	5/16	1	.60	.87	2.31	.41	.21	.46			U25ART (1)	Tan	296	1-1/16″
YA25A3		3/8		.82	1.18	2.67	.63	.21	.55						
YA25A9		1/2		1.03	1.34	2.67	.63	.17	.71						
YA26A6	2/0 str.	3/8	1	.67	1.18	2.79	.44	.24	.74	MY29-3 (2) Crimps		U26ART (2)	Olive	297	1-3/8″
YA26A1		1/2		1.03	1.36	3.03	.63	.20	.73						
YA27A1	3/0 str.	3/8	1	.73	1.18	2.88	.44	.26	.74			U27ART (2)	Ruby	467	1-1/2″
YA27A3		1/2		1.04	1.37	3.27	.63	.26	.74						
YA28A1	4/0 str.	3/8	1	1.17	1.18	3.26	.44	.30	.74			U28ART (2)	White	298	1-5/8″
YA28A3		1/2		1.17	1.36	3.44	.63	.30	.73						
YA29A1	250 kcmil	1/2	1	1.26	1.36	3.53	.63	.33	.73	—		U29ART (2)	Red	324	1-5/8″
YA30A6	300 kcmil	3/8	1	1.38	1.37	3.90	.63	.36	.74			U30ART (2)	Blue	470	1-3/4″
YA30A1		1/2		1.38	1.37	3.90	.63	.36	.74						
YA31A1	350 kcmil	1/2	1	1.52	1.37	4.33	.63	.39	.74			U31ART (2)	Brown	299	2-1/8″
YA32A1	400 kcmil	5/8	1	1.62	1.88	4.92	.88	.43	1.00			U32ART (4)	Green	472	2-1/2″
YA34A1	500 kcmil	5/8	1	1.80	1.91	5.56	.88	.46	1.03			U34ART (4)	Pink	300	2-5/8″
YA36A1	600 kcmil	5/8	1	1.97	1.88	5.82	.88	.52	1.00			U36ART (4)	Black	473	2-7/8″
YA39A1	700/750 kcmil	1/2	1	2.05	1.34	5.26	.63	.43	.71			U39ART-2 (4)	Yellow	936	2-7/8″
YA39A3		5/8		2.05	1.88	5.80	.88	.43	1.00						
YA44A1	1000 kcmil	5/8	1	2.50	1.89	6.50	.88	.43	1.01			P44ART** (4)	Brown	302	3″

- Contact BURNDY® for conductor, stud sizes and hole drillings not shown.

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

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

** P44ART for use with Y46 HYPRESS™ only. PUADP-1 adapter not required.

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

Y644M DIELESS HYPRESS™ RANGE-TAKING CAPABILITIES

The following size HYDENT™ lugs and two way splices, when crimped with the Y644M DIELESS HYPRESS™ tool, produce the following range taking capabilities:

ALUMINUM CONNECTORS					
STANDARD WIRE SIZE	EXPANDED WIRE RANGE	STANDARD WIRE SIZE	EXPANDED WIRE RANGE	STANDARD WIRE SIZE	EXPANDED WIRE RANGE
#6 AWG	#6 AWG	1/0 AWG	1/0 - #1 AWG	250 kcmil	250 kcmil - 1/0 AWG
#4 AWG	#4 - #6 AWG	2/0 AWG	2/0 - #1 AWG	300 kcmil	300 kcmil - 2.0 AWG
#2 AWG	#2 - #6 AWG	3/0 AWG	3/0 - #1 AWG	350 kcmil	350 kcmil - 3/0 AWG
#1 AWG	#1 - #2 AWG	4/0 AWG	4/0 - #1 AWG	400 kcmil	400 kcmil - 4/0 AWG
				500 kcmil	500 kcmil - 4/0 AWG
				600 kcmil	600 - 250 kcmil
				750 kcmil	750 - 500 kcmil
				800 kcmil	800 - 500 kcmil
				1000 kcmil	1000 - 750 kcmil

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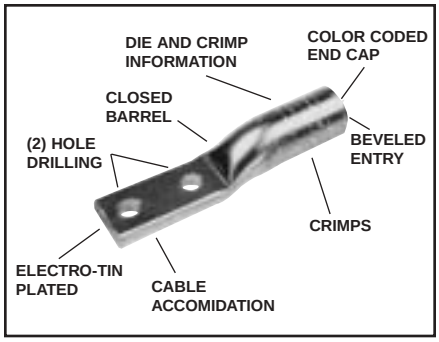
TYPE YA-A

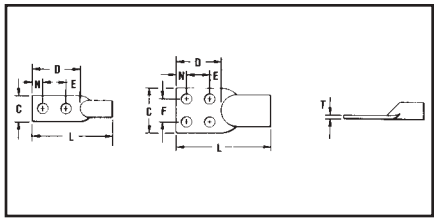
HYLUG™

UNINSULATED ALUMINUM COMPRESSION TERMINAL

2-HOLE AND 4-HOLE DESIGNS

UL Listed 90° C,
600 Volts to 35 KV◆





Type YA-A 2- and 4-hole pads inhibit connector rotation and increase area contact. These aluminum terminals have the same design features and benefits as the 1-hole YA-A with an added stud hole for a more secure termination to various types of equipment pads. They are dual-rated for use on both aluminum and copper conductors.

CATALOG NUMBER	CODE CONDUCTOR	● STUD SIZE	● NO. OF HOLES IN PAD	DIMENSIONS C	D	E & F	L	N	T REF.	Z MIN.	INSTALLATION TOOLING ▲ DIELESS MECHANICAL TOOLING	HYDRAULIC HYPRESS	Y35, Y39, Y750, Y46* DIE NUMBER (# OF CRIMPS)	COLOR CODE	▲ DIE INDEX	WIRE STRIP LENGTH
YA2CA9	2 str.	1/2	2-NEMA	1.12	1.03	1.75	4.73	.63	.16	.73	MY29-3 (1) Crimp	Y644M (1) Crimp	U2CABT (1)	Pink	348	1-1/8″
YA25A5	1/0 str.	3/8	2	.82	2.24	1.06	3.73	.63	.21	.55			U25ART (1)	Tan	296	1-1/16″
YA25A7		1/2	2-NEMA	1.03	3.10	1.75	4.59	.63	.17	.72						
YA26A3	2/0 str.	1/2	2-NEMA	1.03	3.11	1.75	4.78	.63	.20	.73	MY29-3 (2) Crimps		U26ART (2)	Olive	297	1-3/8″
YA26A5		3/8	2	.92	1.89	1.00	3.56	.44	.24	.45						
YA27A5	3/0 str.	1/2	2-NEMA	1.04	1.22	1.75	5.02	.63	.26	.74			U27ART (2)	Ruby	467	1-1/2″
YA27A7		3/8	2	1.04	1.89	1.00	3.79	.44	.26	.45						
YA28A5	4/0 str.	1/2	2-NEMA	1.17	3.11	1.75	5.19	.63	.30	.73			U28ART (2)	White	298	1-5/8″
YA28A7		3/8	2	1.17	1.89	1.00	3.97	.44	.30	.45						
YA29A3	250 kcmil	1/2	2-NEMA	1.26	3.11	1.75	5.28	.63	.33	.73	—		U29ART (2)	Red	324	1-5/8″
YA29A5		3/8	2	1.26	1.89	1.00	4.06	.44	.33	.45						
YA30A3	300 kcmil	1/2	2-NEMA	1.38	3.11	1.75	5.69	.63	.36	.73			U30ART (2)	Blue	470	1-3/4″
YA30A5		3/8	2	1.38	1.89	1.00	5.64	.44	.36	.45						
YA31A5	350 kcmil	3/8	2	1.52	1.89	1.00	4.85	.44	.39	.45			U31ART (2)	Brown	299	2-1/8″
YA31A3		1/2	2-NEMA	1.52	3.11	1.75	6.07	.63	.39	.73						
YA32A5	400 kcmil	3/8	2	1.62	1.89	1.00	4.93	.44	.43	.94			U32ART (4)	Green	472	2″
YA34A3	500 kcmil	1/2	2-NEMA	1.62	3.15	1.75	6.80	.63	.46	.77			U34ART (4)	Pink	300	2-5/8″
YA34A5		3/8	2	1.80	1.89	1.00	5.54	.44	.46	.45						
YA36A3	600 kcmil	1/2	2-NEMA	1.62	3.15	1.75	7.09	.63	.52	.77			U36ART (4)	Black	473	2-7/8″
YA36A5		3/8	2	1.97	1.89	1.00	5.83	.44	.52	.45						
YA39A7	700/750 kcmil	3/8	2	2.05	1.89	1.00	5.81	.44	.43	.45			U39ART (4)	Yellow	936	2-7/8″
YA39A5		1/2	2-NEMA	1.62	3.15	1.75	7.07	.63	.43	.77						
YA39AM2		1/2	2-NEMA	1.69	3.12	1.75	7.31	.63	.57	.74			P39ART** (4)	Red	301	2-7/8″
YA44A3	1000 kcmil	1/2	2-NEMA	1.65	3.15	1.75	7.76	.63	.66	.77			P44ART** (4)	Brown	302	3″
YA46A3	1500 kcmil	1/2	2-NEMA	3.09	3.16	1.75	8.75	.63	.81	.78		—	L46ART (2)	Red	478	2-3/4″
YA46A5		1/2	4-NEMA	3.09	3.16	1.75	8.75	.63	.81	.78						
YA48A3	2000 kcmil	1/2	2-NEMA	3.57	3.11	1.75	8.49	.63	.90	.73			L48ART (2)	Red	479	4-1/8″

- • Contact BURNDY® or conductor, stud sizes and hole drillings not shown.
- ▲ See tooling section of this catalog for complete tool and die listings.
- ‡ Use Y60 BHU HYPRESS™ with L46ART and L48ART die sets.
  90° C Rated.
- * Use PUADP-1 adaptor with "U" dies in Y46 HYPRESS™.
- ** P39ART and P44ART die sets for use with Y46 HYPRESS™ only. PUADP-1 adapter not required.
- ◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

Y644M DIELESS HYPRESS™ RANGE-TAKING CAPABILITIES

The following size HYDENT™ lugs and two way splices, when crimped with the Y644M DIELESS HYPRESS™ tool, produce the following range taking capabilities:

ALUMINUM CONNECTORS					
STANDARD WIRE SIZE	EXPANDED WIRE RANGE	STANDARD WIRE SIZE	EXPANDED WIRE RANGE	STANDARD WIRE SIZE	EXPANDED WIRE RANGE
#6 AWG	#6 AWG	1/0 AWG	1/0 - #1 AWG	250 kcmil	250 kcmil - 1/0 AWG
#4 AWG	#4 - #6 AWG	2/0 AWG	2/0 - #1 AWG	300 kcmil	300 kcmil - 2.0 AWG
#2 AWG	#2 - #6 AWG	3/0 AWG	3/0 - #1 AWG	350 kcmil	350 kcmil - 3/0 AWG
#1 AWG	#1 - #2 AWG	4/0 AWG	4/0 - #1 AWG	400 kcmil	400 kcmil - 4/0 AWG
				500 kcmil	500 kcmil - 4/0 AWG
				600 kcmil	600 - 250 kcmil
				750 kcmil	750 - 500 kcmil
				800 kcmil	800 - 500 kcmil
				1000 kcmil	1000 - 750 kcmil

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TYPE YA-A-KIT

TRANSFORMER LUG KIT

Each kit contains the UL listed and CSA certified AL9CU rated aluminum compression connectors and tongue mounting hardware needed to terminate aluminum or copper cables in “dry type” transformers. The KVA rating gives an approximate cross reference to the appropriate kit.

CONNECTOR

Features and Benefits

- UL listed AL9CU dual rated compression terminals and CSA certified.
  - ◊ Ensure the transformer feeders and taps are terminated properly.
- Plated steel cap screws and hex nuts with captive conical washers or individual Belleville washers.
  - ◊ Terminal to bus connections are made using proper hardware resulting in true torque to pressure performance. Compensates for dissimilar metal expansion and contraction.
- Hardware packed in plastic bag.
  - ◊ No lost hardware prior to installation.

CATALOG NUMBER	KVA	TERMINALS QTY.	TERMINALS CAT. NO.	WIRE RANGE WITH Y644M	BOLT QTY.	BOLT	HARDWARE QTY.	HARDWARE	WASHER
YA-A-KIT1	15-37.5 1Ø	8	YA2C-A5	#6-2 AWG	8	1/4-20 × 3/4	8	1/2 × 20HN	Captive
	15-45 3 1Ø	4	YA30-A7	2/0 AWG-300 kcmil					
YA-AKIT2	50-75 1Ø	12	YA30-A7	2/0 AWG-300 kcmil	8	1/4-20 × 3/4	16	1/4 × 20HN	Captive
	75-112.5 3Ø				8	1/4-20 × 2			
YA-AKIT3	100-167 1Ø	3	YA30-A7	2/0 AWG-300kcmil	3	1/4-20 × 3/4	3	1/4 × 20	Captive
	150-300 3Ø	22	YA39-A1	500-750 kcmil	16	1-2-13 × 2	16	1/2-13	1/2 Belleville

HH- Hex Head
HN- Hex Nut
See Mechanical section for set screw terminal kits.

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TYPE AYP, AYPO

HYPLUG™

FOR ALUMINUM AND COPPER CONDUCTOR

UL Listed 90° C,
600 Volts to 35 KV◆

Types AYP and AYPO aluminum compression adapters are designed for reliable termination of aluminum and copper conductor in mechanical connectors. Typical applications include mechanical connectors in molded case circuit breakers, panel board equipment and meter sockets.

AL9CU

TYPE AYP

TYPE AYPO

Features and Benefits

- All-aluminum electro-tin plated design.
  ◊ Eliminates possible bi-metallic corrosion and provides the shortest connector length design possible.
- Shortest connector length design possible.
  ◊ Permits easy installation in equipment with limited working space.
- Solid electro-tin plated aluminum plug.
  ◊ Proper electrical connection made easily. Eliminates "how tight is tight" problem.
- Smooth surface on the solid EC aluminum electro-tin plated plug.
  ◊ Provides greater area contact establishing excellent electrical conductivity.
- Solid plug has same diameter as current carrying equivalent copper wire.
  ◊ Permits use of larger aluminum wire to connect equipment.
- Offset plug design available in sizes 2/0 through 750 kcmil.
  ◊ Provides flexibility and maximizes the use of limited space eliminating interference between conductors and equipment.
- Electro-tin plated.
  ◊ Resists corrosion.
- Factory prefilled with the proper amount of PENETROX® joint compound.
  ◊ PENTROX®, BURNDY's oxide inhibiting compound with conductive metallic particles penetrates aluminum oxide between strands and forms an air-tight connection.
- EPDM rubber covers are supplied with each connector.
  ◊ Eliminates taping.
- Only (5) die sets install the complete line from #6 to 750 kcmil.
  ◊ Lowers inventory requirements and saves money.
- Supplied in a plastic convenience pack.
  ◊ The cover and connector are kept together and free of foreign material until used.
- Connectors are clearly marked with catalog number, wire size, and color coded die index.
  ◊ Provides clear, easy to use information to lower installed cost.

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

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TYPE AYP, AYPO

HYPLUG™

FOR ALUMINUM AND COPPER CONDUCTOR

UL Listed 90° C,
600 Volts to 35 KV◆

AL9CU

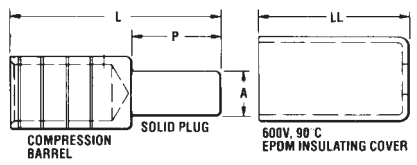

Fig 1: TYPE AYP (STRAIGHT)

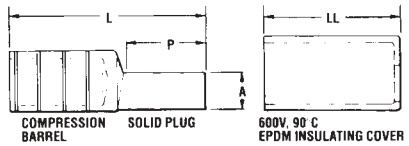

Fig 2: TYPE AYPO (OFFSET)

CATALOG NUMBER	COPPER & ALUMINUM CONDUCTOR	FIG.	DIMENSIONS A PLUG DIA.	P PLUG LENGTH	L HYPLUG LENGTH	LL COVER LENGTH	INSTALLATION TOOLING ▲ HYTOOLS DIELESS TOOLS	+ OH25	+ MD6	Y35, Y39, Y750, Y46* DIE NUMBER (# OF CRIMPS)	COLOR CODE	▲ DIE INDEX & EMBOSSMENT	WIRE STRIP LENGTH
AYP6	#6 str	1	.23	.68	1.85	1.78	MY29-3** (2) - CRIMPS Y644M (1) - CRIMP	(1) CRIMP	W241	U25ART (1)	Tan	296	1-1/16″
AYP4	#4 str	1	.23	.68	1.85	1.78							
AYP2	#2 str	1	.23	.68	1.85	1.78							
AYP1	#1 str	1	.26	.84	2.01	1.78							
AYP1/0	1/0 str	1	.29	.84	2.01	1.78							
AYPO2/0	2/0 str	2	.33	1.09	2.70	2.44		-	-	U28ART (2)	White	298	1-1/8″
AYPO3/0	3/0 str	2	.37	1.22	2.80	2.44							
AYPO4/0	4/0 str	2	.42	1.22	2.80	2.44							
AYP250	250 kcmil	1	.47	1.22	2.63	2.54	Hydraulic: Y644M (1) - CRIMP			U31ART (2)	Brown	299	1-1/8″
AYPO250	250 kcmil	2	.47	1.22	2.98	2.88							
AYPO300	300 kcmil	2	.53	1.34	3.08	2.88							
AYP350	350 kcmil	1	.57	1.34	2.75	2.54							
AYPO350	350 kcmil	2	.57	1.34	3.08	2.88							
AYPO400	400 kcmil	2	.63	1.60	3.43	3.16				U34ART (2)	Pink	300	1-9/16″
AYP500	500 kcmil	1	.68	1.60	3.08	2.81							
AYPO500	500 kcmil	2	.68	1.60	3.43	3.16							
AYPO600	600 kcmil	2	.73	1.64	4.02	4.06				U39ART-2 (3)	Yellow	936	1-3/4″
AYP750	700/750 kcmil	1	.81	1.76	3.79	3.66							
AYPO750	700/750 kcmil	2	.81	1.76	4.16	4.06							

Scratch brush aluminum conductor before installation.
▲ See tooling section of this catalog for complete tool and die listings.
** For MY29-3 use aluminum index plate at 1/0 setting for sizes #6 through 1/0 or at 4/0 setting for sizes 2/0 through 4/0.
+ Not UL listed.
* Use PUADP-1 adaptor with "U" dies in Y46 HYPRESS™.
▯ Also accomodates compressed and compact conductors (except for 700 kcmil in 750 kcmil barrel).
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

Y644M DIELESS HYPRESS™ RANGE-TAKING CAPABILITIES

The following HYPLUG™ lugs and two way splices, when crimped with the Y644M DIELESS HYPRESS™ tool, produce the following range- taking capabilities:

ALUMINUM CONNECTORS					
STANDARD WIRE SIZE	EXPANDED WIRE RANGE	STANDARD WIRE SIZE	EXPANDED WIRE RANGE	STANDARD WIRE SIZE	EXPANDED WIRE RANGE
#6 AWG	#6 AWG	1/0 AWG	1/0 - #1 AWG	250 kcmil	250 kcmil - 1/0 AWG
#4 AWG	#4 - #6 AWG	2/0 AWG	2/0 - #1 AWG	300 kcmil	300 kcmil - 2/0 AWG
#2 AWG	#2 - #6 AWG	3/0 AWG	3/0 - #1 AWG	350 kcmil	350 kcmil - 3/0 AWG
#1 AWG	#1 - #2 AWG	4/0 AWG	4/0 - #1 AWG	400 kcmil	400 kcmil - 4/0 AWG
				500 kcmil	500 kcmil - 4/0 AWG
				600 kcmil	600 - 250 kcmil
				750 kcmil	750 - 500 kcmil

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TYPE YS-A

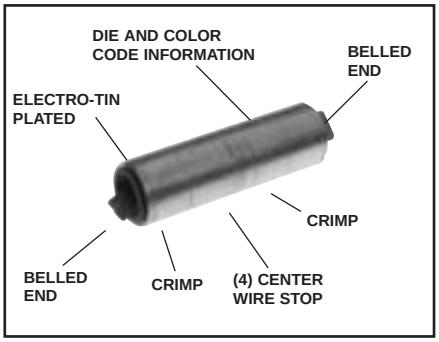
HYLINK™

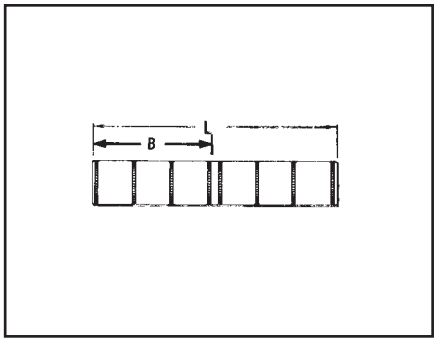
UNINSULATED ALUMINUM COMPRESSION SPLICE

UL Listed 90° C,
600 Volts to 35 KV◆

Type YS-A is a high-conductivity aluminum tin-plated compression butt splice for use on all combinations of aluminum to aluminum, aluminum to copper, and copper to copper conductor combinations.

They are designed to accommodate conductors from #12 str. through 1,000 kcmil in standard and heavy duty applications. Prefilled with PENETROX™ oxide inhibiting compounds and assembled with color-coded end caps, the connectors provide a permanent trouble-free electrical splice with flexibility and low installed cost.





Features and Benefits

- Manufactured from high-conductivity wrought aluminum with heavy duty wall thickness.
  - ◊ Provides high-conductivity/low resistance and ductility for an excellent combination of electrical and crimp forming properties.
- Electro-tin plated.
  - ◊ Provides durable long lasting corrosion resistance.
- Internally bevelled barrel.
  - ◊ Provides easy cable entry.
- Solid center stop and prefilled with PENETROX™ oxide inhibiting compound.
  - ◊ Provides stop for proper conductor insertion and an aid in forcing the PENETROX™ between the individual wire strands.
- Color-coded end caps.
  - ◊ Provides easy wire size and die code identification plus prevents foreign materials from entering and contaminating the connector prior to usage.
- Connector is clearly marked with wire size, die index and the proper number and location of crimps.
  - ◊ Provides easy identification and tooling recommendation. Proper compression forms a homogeneous mass resulting in an excellent electrical connection.

CATALOG NUMBER	CODE • CONDUCTOR	DIMENSIONS		INSTALLATION TOOLING ▲					WIRE STRIP LENGTH
				DIELESS		Y35, ■ Y39, Y750, Y46*			
		B	L	MECHANICAL HYTOOL	HYDRAULIC HYPRESS	DIE NUMBER (# OF CRIMPS PER END)	COLOR CODE	DIE INDEX & EMBOSS-MENT ▲	
YS12AG1	#12 str.	.39	1.03	Ratchet MR8-27 (1)-Crimp	—	—	①	—	5/8”
YS10WAG1 ‡	#10 str.	.44	1.12						
YS8CA1	8 str.	.59	1.44	MY29-3 (1) Crimp Per End		U8CABT (1)	Blue	374	5/8”
YS6CA1	6 str.	.72	1.70		Y644M (1) Crimp Per End	U6CABT (1)	Gray	346	3/4”
YS4CA1	4 str.	.86	1.97			U4CABT (1)	Green	375	7/8”
YS2CA1	2 str.	1.09	2.44			U2CABT (1)	Pink	348	1-1/8”
YS1CA1	1 str.	.90	2.05			U1CART (1)	Gold	471	15/16”
YS25A1	1/0 str.	1.06	2.37			U25ART (1)	Tan	296	1-1/16”

◆ See tooling section of this catalog for complete tool and die listing.
① No color code assigned.
‡ UL Listed for Aluminum only. Not CSA Certified.
* Use PUADP-1 adaptor with "U" dies in Y46 HYPRESS™.

■ The largest size for the Y35 is 400 kcmil.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
• Also accomodates compressed and compact conductors (except for 700 kcmil in 750 kcmil barrel).

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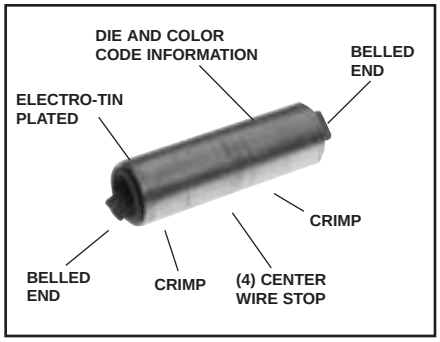
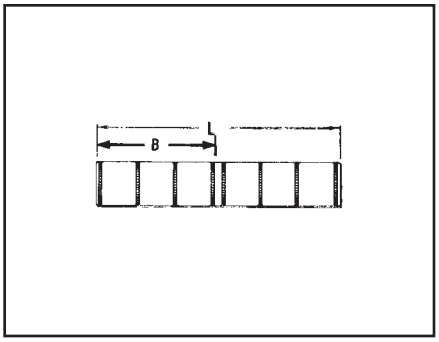
TYPE YS-A (Continued)

HYLINK™

UNINSULATED ALUMINUM COMPRESSION SPLICE

UL Listed 90° C,
600 Volts to 35 KV◆





CATALOG NUMBER	CODE CONDUCTOR	DIMENSIONS B	DIMENSIONS L	INSTALLATION TOOLING ▲ DIELESS MECHANICAL HYTOOL	DIELESS HYDRAULIC HYPRESS	Y35, ■ Y39, Y750, Y46*, Y60BHU DIE NUMBER (# 0F CRIMPS PER END)	COLOR CODE	DIE INDEX & EMBOSS-MENT ▲	WIRE STRIP LENGTH
YS26A1	2/0 str.	1.18	2.61	MY29-3 (2) Crimps Per End	Y644M (1) Crimp Per End	U26ART (2)	Olive	297	1-3/8”
YS27A1	3/0 str.	1.31	2.88			U27ART (2)	Ruby	467	1-1/2”
YS28A1	4/0 str.	1.40	3.06			U28ART (2)	White	298	1-5/8”
YS29A1	250 kcmil	1.46	3.18	–		U29ART (2)	Red	324	1-5/8”
YS30A1	300 kcmil	1.47	3.20			U30ART (2)	Blue	470	1-3/4”
YS31A1	350 kcmil	1.89	4.04			U31ART (2)	Brown	299	2-1/8”
YS32A1	400 kcmil	2.30	4.86			U32ART (4)	Green	472	2-1/2”
YS34A1	500 kcmil	2.38	5.00			U34ART (4)	Pink	300	2-5/8”
YS36A1	600 kcmil	2.44	5.14			U36ART (4)	Black	473	2-7/8”
YS39A1*	700/750 kcmil	2.50	5.26			U39ART-2 (4)	Yellow	936	2-7/8”
YS39AM1*	700/750 kcmil	2.63	5.58			P39ART** (4)	Red	301	2-7/8”
YS44A1	1000 kcmil	2.84	5.94			P44ART** (4)	Brown	302	3”
YS45A1	1250 kcmil	2.84	6.21		–	P48PR1/L44ART**	Brown	302	2-7/8”
YS46A1	1500 kcmil	3.40	7.05			L46ART***	Blue	478	3-3/8”
YS47A1	1750 kcmil	3.99	8.31			L47ART***	White	587	4”
YS48A1	2000 kcmil	3.66	7.58			L48ART***	Red	479	3-5/8”
YS483A1	2250 kcmil ALUMINUM ONLY	3.66	7.58			L48ART***	Red	479	3-5/8”

▲ See tooling section of this catalog for complete tool and die listings.
‡ UL Listed for Aluminum only. Not CSA certified.
* Use PUADP-1 adaptor with "U" dies in Y46 HYPRESS™.
** P39ART and P44ART for use with Y46 HYPRESS™ only. PUADP-1 adapter not required.

■ The largest size for the Y35 is 400 kcmil.
*** Y60BHU only. 90° C Rated.
• Also accommodates compressed and compact conductors. (Except 700 kcmil in 750 kcmil barrel)

Y644M DIELESS HYPRESS™ RANGE-TAKING CAPABILITIES

The following size HYDENT™ lugs and two way splices, when crimped with the Y644M DIELESS HYPRESS™ tool, produce the following range-taking capabilities:

ALUMINUM CONNECTORS					
STANDARD WIRE SIZE	EXPANDED WIRE RANGE	STANDARD WIRE SIZE	EXPANDED WIRE RANGE	STANDARD WIRE SIZE	EXPANDED WIRE RANGE
#6 AWG	#6 AWG	1/0 AWG	1/0 - #1 AWG	250 kcmil	250 kcmil - 1/0 AWG
#4 AWG	#4 - #6 AWG	2/0 AWG	2/0 - #1 AWG	300 kcmil	300 kcmil - 2/0 AWG
#2 AWG	#2 - #6 AWG	3/0 AWG	3/0 - #1 AWG	350 kcmil	350 kcmil - 3/0 AWG
#1 AWG	#1 - #2 AWG	4/0 AWG	4/0 - #1 AWG	400 kcmil	400 kcmil - 4/0 AWG
				500 kcmil	500 kcmil - 4/0 AWG
				600 kcmil	600 - 250 kcmil
				750 kcmil	750 - 500 kcmil
				800 kcmil	800 - 500 kcmil
				1000 kcmil	1000 - 750 kcmil

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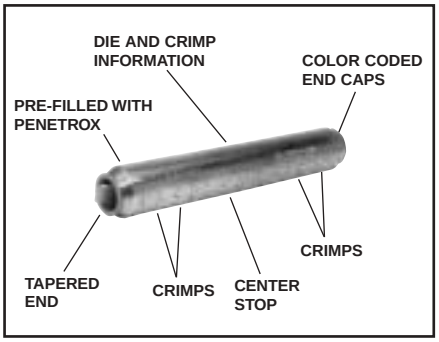
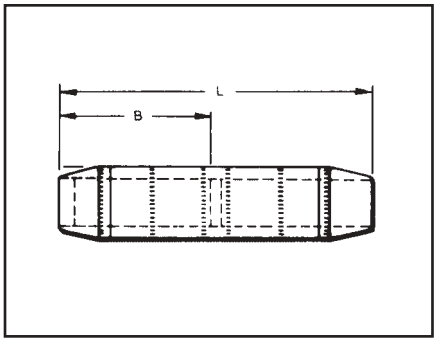
TYPE YS-AT

HIGH VOLTAGE UNINSULATED ALUMINUM COMPRESSION SPLICE

Type YS-AT is a high-conductivity aluminum electro-tin plated compression butt splice with tapered ends for high voltage applications up to 35 KV.

The YS-AT provides the same benefits as the YS-A with the addition of tapered ends for easy installation of high voltage insulating kits. Tapered ends aid in preventing corona emission and insulation breakdown. Recommended for high voltage splice applications.





Features and Benefits

- Tapered ends for applications through 35KV.
  - ◊ Permits easy taping and aids in preventing corona emission and insulation breakdown.
- Heavy wall aluminum tubing.
  - ◊ For use with combinations of AL-AL, AL-CU, CU-CU

CATALOG NUMBER	• † CODE CONDUCTOR	DIMENSIONS B	DIMENSIONS L	INSTALLATION TOOLING ▲ Y35, ■ Y39, Y750, Y46* DIE NUMBER	(CRIMPS PER END)	COLOR CODE	DIE INDEX & EMBOSSMENT ▲	WIRE STRIP LENGTH
YS2CAT	2 str.	1.58	4.00	U2CABT	(2)	Pink	348	2-1/4″
YS25AT	1/0 str.	1.96	4.73	U25ART	(2)	Tan	296	2-5/8″
YS26AT	2/0 str.	1.83	4.29	U26ART	(3)	Olive	297	2-3/8″
YS27AT	3/0 str.	2.04	4.69	U27ART	(3)	Ruby	467	2-5/8″
YS28AT	4/0 str.	2.16	5.05	U28ART	(3)	White	298	2-3/4″
YS29AT	250 kcmil	2.29	5.37	U29ART	(3)	Red	324	2-7/8″
YS30AT	300 kcmil	2.54	5.91	U30ART	(3)	Blue	470	3-1/8″
YS31AT	350 kcmil	2.68	6.23	U31ART	(3)	Brown	299	3-3/8″
YS34AT	500 kcmil	3.39	7.79	U34ART	(6)	Pink	300	4-1/8″
YS39AT	700/750 kcmil •	3.69	8.57	P39ART**	(6)	Red	301	4-1/2″
YS44AT	1000 kcmil	3.77	9.69	P44ART**	(6)	Brown	302	4-3/4″

† Contact BURNDY® for conductor sizes not shown.
* Use PUADP-1 adapter for "U" dies.
** P39ART and P44ART for use with Y46 HYPRESS™ only. PUADP-1 adapter not required.
■ The maximum size for the Y35 is 400 kcmil.
▲ See tooling section of this catalog for complete tool and die listings.
• Also accommodates compressed and compact conductors (except 700 kcmil in 750 kcmil barrel).

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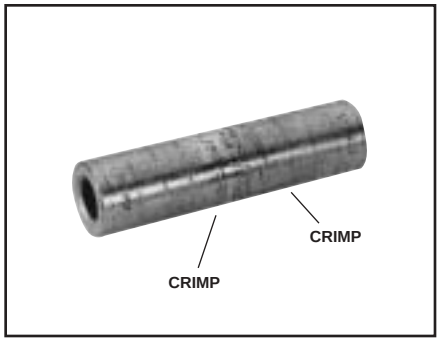
TYPE YRB

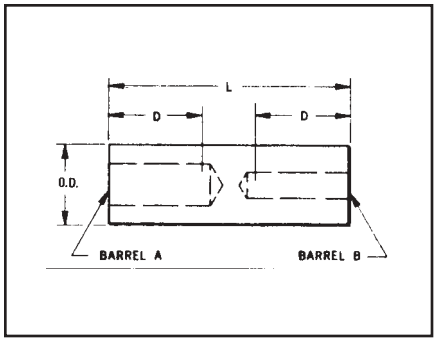
HYREDUCER™

FOR ALUMINUM TO COPPER AND ALUMINUM TO ALUMINUM

UL Listed 90° C,
600 Volts to 35 KV◆

HYREDUCER™ type YRB reducer butt splice is designed to splice two different conductor sizes and is UL listed for aluminum to copper and aluminum to aluminum applications. The outside diameter is held constant to minimize installation dies and is factory prefilled with PENETROX™.





Features and Benefits

- Constant outside diameters. Electro tin-plated.
  - ◊ Minimizes installation dies and provides a smooth profile for easy taping. Provides durable long lasting corrosion resistance.
- Factory prefilled with BURNDY's PENETROX™ oxide inhibiting compound.
  - ◊ Contains Homogeneously suspended conductive metallic particles which penetrate oxides between conductor strands and forms an air tight connection.
- Solid center barrier.
  - ◊ Provides center stop for correct cable insertion and aids the thorough penetration of PENETROX™ oxide inhibiting compound between conductor strands.
- Connectors are clearly marked with catalog number, wire size, and color-coded die index.
  - ◊ Provides clear, easy to use information to lower installed costs.
- Each barrel end has a plastic end cap.
  - ◊ Keeps the connector barrels free of foreign materials.

CATALOG NUMBER	CONDUCTOR RANGE • ALUM. or CU. SIZE †		DIMENSIONS			INSTALLATION TOOLING ▲ HYDRAULIC TOOLS, DIE SETS (NO. OF CRIMPS ‡)				WIRE STRIP LENGTH
	BARREL A	BARREL B	O.D.	B	L	Y35 ■, Y39, Y750 Y46*	‡	DIE ▲ INDEX	COLOR CODE	
YRB2UA	1 str. 2 str.	4 str. 3 str.	.62	.88	2.00	U25ART	(1)	296	Tan	1-1/16″
YRB25U2	1/0 str.	1 str. 2 str.	.62	.88	2.00					
YRB27U25	3/0 str.	1/0 str.	.85	1.36	3.31	U28ART	(2)	298	White	1-5/8″
YRB27U26	3/0 str.	2/0 str.	.85	1.36	3.31					
YRB28U26	4/0 str.	2/0 str.	.85	1.36	3.31					
YRB29U28	250 kcmil	4/0 str.	1.11	1.73	4.21	U31ART	(2)	299	Brown	2-1/8″
YRB31U28	350 kcmil	4/0 str.	1.11	1.73	4.21					
YRB31U29	350 kcmil	250 kcmil	1.11	1.73	4.21					
YRB34U31	500 kcmil	350 kcmil	1.31	2.11	5.12	U34ART	(4)	300	Pink	2-5/8″
YRB36U31	600 kcmil	350 kcmil	1.46	2.25	5.57	U39ART-2	(4)	936	Yellow	2-7/8″
YRB36U34	600 kcmil	500 kcmil	1.46	2.25	5.57					
YRB39U34	700 kcmil 750 kcmil •	500 kcmil	1.46	2.25	5.57					
YRB39U36	700 kcmil 750 kcmil •	600 kcmil	1.46	2.25	5.57					

† Contact BURNDY® for conductor sizes not shown.
▲ See tooling section of this catalog for complete tool and die listings.
‡ Number of crimps.
* Use PUADP-1 adaptor with "U" dies shown in Y46 HYPRESS™.
■ The maximum size for the Y35 is 400 kcmil.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
• Also accommodates compressed and compact conductors (except 700 kcmil in 750 kcmil barrel).

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TYPES YFD, YFN, YFO AND YFR

H-CRIMPIT™

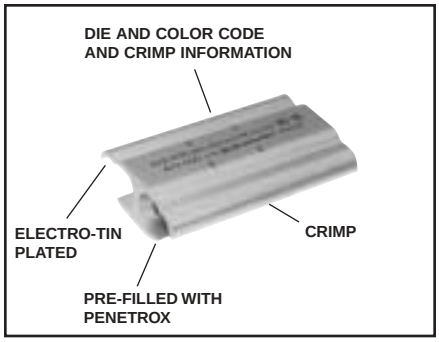
UNINSULATED ALUMINUM COMPRESSION TAP CONNECTOR

FOR ALUMINUM TO COPPER AND ALUMINUM TO ALUMINUM

UL Listed 90° C,
600 Volts to 35 kV◆

H-CRIMPIT™ compression tap connectors Types YFD, YFN, YFO and YFR are for use with aluminum to aluminum and aluminum to copper connections.

The H-CRIMPIT™ is ideal for making both parallel and tap compression connections in risers and gutters. It should only be installed with hydraulic tools.



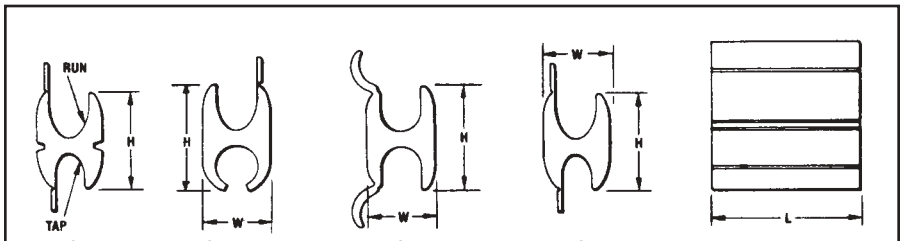


Fig. 1 Fig. 2 Fig. 3 Fig. 4

Features and Benefits

- Each connector is factory sealed in polyethylene.
  ◊ Maintains the connector free of dirt and foreign materials prior to being used.
- When installed the connector has a smooth profile.
  ◊ Easy to tape or to install an insulating crimpit cover (See Types CFA and CFA-FR) thereby lowering installed costs.
- Connectors are color-coded to match installation die.
  ◊ Easy die selections lower installed cost.
- UL 486B Listed.
  ◊ Provides a quality electrical connection.

ACCOMODATES ②						CAT.	FIG.				INSTALLATION TOOLING ▲							WIRE
COPPER OR ALUMINUM		COMPACT ④		DIA. RANGE							▲ DIE	COLOR	HYDRAULIC TOOLS, DIE SETS (NO. OF CRIMPS)			DIELESS TOOLS DIE ADAPTOR, (NO. OF CRIMPS)		STRIP
RUN	TAP	RUN	TAP	RUN	TAP	NO.	NO.	HEIGHT	LENGTH	WIDTH	INDEX	CODE	Y750, Y35, Y39	Y46 ③	( )	Y644M, Y644MBH		LENGTH
1/0-6 STR	1-6 STR	2/0-6	1-6 STR	.398-.162	.332-.162	**YFO-140***	1	1.15 (29.2)	1.62 (41.1)	.70 (17.8)	0	Green	UYFO, U-O		(2)	PT30541	(1)	1-7/8"
4/0-1 STR	1-6 STR	250-1/0	1-6 STR	.563-.338	.332-.162	**YFD-265***	1	1.47 (37.3)	1.88 (47.8)	.89 (22.6)	D3	Blue	U-D3 U-YFD		(2)	PT30540	(2)	1-1/8"
4/0-1 STR	2/0-1 STR	250-1/0	3/0-1/0	.563-.338	.477-.338	**YFD-365***	1	1.42 (36.1)	2.50 (63.5)	.89 (22.6)					(3)			2-3/4"
4/0-3/0 STR	4/0-3/0 STR	250-3/0	250-3/0	.563-.426	.563-.426	**YFD-415***	1	1.40 (35.6)	2.50 (63.5)	.89 (22.6)					(3)			2-3/4"
400-4/0	400-4/0	500-250	500-250	.750-.522	.750-.522	**YFN-465**	4	1.86 (47.2)	3.50 (89)	1.25 (31.8)	N	Red	U-N U-YFN	P-N P-YFN	(3)	—	—	3-3/4"
500-4/0	2/0-6 STR	500-250	3/0-6 STR	.815-.522	.450-.160	**YFN-515**	4	1.96 (50)	2.00 (51)	1.28 (32.5)					(2)			2-1/4"
500-4/0	500-4/0	500-250	500-250	.815-.522	.815-.522	**YFN-540**	3	1.82 (46.2)	4.50 (114.3)	1.23 (31.2)					(3)			4-7/8"
500-250	4/0-2/0 STR	500-300	250-3/0	.815-.573	.565-.410	**YFN565**	4	1.89 (48)	2.00 (51)	1.27 (32.3)					(2)			2-1/4"
500-250	350-250	500-300	350-300	.815-.573	.685-.570	**YFN-615**	4	1.99 (50.5)	3.50 (88.9)	1.28 (32.5)					(3)			3-3/4"
600-350	350-2/0	600-400	350-300	.893-.659	.684-.398	**YFR-715**	4	3.04 (77.2)	3.50 (88.9)	1.74 (44.2)	KR	Yellow —	—	P-KR P-YFR	(3)	—	—	3-3/4"
600-350	600-350	600-400	600-400	893-.659	893-.659	**YFR-765**	4	3.04 (77.2)	4.62 (117.3)	1.74 (44.2)					(4)			5"
900-600	350-2/0	900-700	350-3/0	1.108-.877	.685-.398	**YFR-815**	4	3.05 (77.5)	3.50 (88.9)	1.74 (44.2)					(3)			3-3/4"
900-600	600-350	900-700	600-400	1.108-.877	.893-.659	**YFR-865**	4	3.04 (77.2)	4.62 (117.3)	1.74 (44.2)					(4)			5"
900-600	900-600	900-700	900-700	1.108-.877	1.108-.877	**YFR-915**	4	2.97 (75.4)	4.62 (117.3)	1.74 (44.2)					(4)	—	—	5"
1000-350	1000-350	1000-400	1000-400	1.165-.659	1.165-.659	**YFR-965**	3	3.12 (80)	6.00 (152.4)	1.67 (42.4)					(5)	—	—	6-1/4"

▲ See tooling section of this catalog for complete tool and die listings.
† Do not use U-YFN die set with P-UADP-1 adapter in Y46 HYPRESS™. Use P-YFN only.
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
* CSA listed.

NOTES:
1. Material: Aluminum.
② For Conductor combinations of AL to AL or AL to CU.
③ Catalog Number PUADP-1-Adaptor is required to use "U" type dies in Y46 tools.
④ Other conductors not listed in table can be accommodated as long as the conductor diameter falls within diameter range specified.

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TYPES CFA AND CFA-FR

H-CRIMPIT™ INSULATING COVERS

H-CRIMPIT™ FLAME RETARDANT INSULATING COVERS

FOR O, D3, N, AND KR DIE SIZE H-TAP COMPRESSION CONNECTORS

UL Listed to 600 Volts

Type CFA insulating covers are made of high impact, high density polyethylene to insulate H-tap CRIMPIT™ compression connectors. Overlapping flash barriers protect both seams against possible electrical flashover. End fingers remain closed or wrap closely around conductors. Multiple latches lock cover closed securely.

Type CFA-FR flame retardant insulating covers are made of high impact, high density polypropylene with a minimum 28 oxygen index. This cover incorporates all the features of the CF design plus the benefit of self-extinguishing flame retardant properties. Material is UL 94V-O rated.

Both CFA and CFA-FR types are suitable for indoor and outdoor use. Pliable in cool weather application.

Features and Benefits

- One-piece design.
  ◊ No extra parts or hardware required.
- Slips over connector and latches securely shut.
  ◊ Fast, easy, reliable insulation of H-Tap compression connectors.
- Eliminates taping.
  ◊ Economical, fast, easy installation.
- Flash barriers.
  ◊ Protects against electrical flashover.
- CFA-FR flame retardant design. Minimum 28 oxygen index. UL 94 V-O rated.
  ◊ Self-extinguishing flame retardant properties.

600 VOLTS 90° C

CATALOG NUMBER	MAX. CONDUCTOR ACCOMMODATED	INSULATED H-TAP CRIMPIT™ CONNECTORS	MAX. CONNECTOR LENGTH	CONNECTOR DIE INDEX	CONNNECTOR COLOR CODE
CFAO CFAO-FR	1/0	YFO140	2-1/2″	O	Green
CFAD CFAD-FR	4/0	YFD265, YFD365,YFD415	3-1/8″	D	Blue
CFAN CFAN-FR	500 kcmil	YFN515, YFN565	2-1/2″	N-Short Connector	Red
CFANL CFANL-FR	500 kcmil	YFN465, YFN540, YFN615	5-1/2″	N-Long Connector	Red
CFAR * CFAR-FR *	900 kcmil	YFR715, YFR765, YFR815, YFR865 YFR915	4-7/8″	KR	Yellow

* Two piece design packaged together.

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