



WEAVER CONSTRUCTION MANAGEMENT, INC.
 3679 S. Huron St., Suite 404
 Englewood, CO 80110
 Phone: (303) 789-4111 FAX: (303) 789-4310

SUBMITTAL TRANSMITTAL

November 30, 2011
WCM Submittal No: 16120-001

PROJECT: Harold Thompson Regional WRF
 Birdsall Rd.
 Fountain, CO 80817
 Job No. 2908

ENGINEER: GMS, Inc.
 611 No. Weber St., #300
 Colorado Springs, CO 80903
 719-475-2935 Roger Sams

OWNER: Lower Fountain Metropolitan
 Sewage Disposal District
 901 S. Santa Fe Ave.
 Fountain, CO 80817
 719-382-5303 James Heckman

CONTRACTOR: McDade Woodcock, Inc.
 7222 Commerce Center Drive, #245
 Colorado Springs, CO 80909
 719-264-1236

SUBJECT: Conductors and Cables Submittal

SPEC SECTION: 16075

PREVIOUS SUBMISSION DATES:

DEVIATIONS FROM SPEC: ___ YES x NO

CONTRACTOR'S STAMP: This submittal has been reviewed by Weaver Construction Management and approved with respect to the means, methods, techniques, & safety precautions & programs incidental thereto. Weaver General Construction also warrants that this submittal complies with contracted documents and comprises on deviations thereto:

Contractor's Stamp:

Engineer's Stamp:

Date: 11/30/11
 Reviewed by: H.C. Myers
 (X) Reviewed Without Comments
 () Reviewed With Comments

ENGINEER'S
 COMMENTS: _____

—

McDade-Woodcock, Inc.

TRANSMITTAL

No. 00007

7222 Commerce Center Dr. Suite 245
Colorado Springs, CO 80919

Phone: 719-264-1236
Fax: 719-264-1450

PROJECT: Harold D. Thompson WRF

DATE: 11/18/2011

TO: Weaver General Construction

REF: Electrical Submittal
16120-001
Conductors & Cables

ATTN: Wes Weaver

WE ARE SENDING:	SUBMITTED FOR:	ACTION TAKEN:
<input checked="" type="checkbox"/> Shop Drawings	<input checked="" type="checkbox"/> Approval	<input type="checkbox"/> Approved as Submitted
<input type="checkbox"/> Letter	<input type="checkbox"/> Your Use	<input type="checkbox"/> Approved as Noted
<input type="checkbox"/> Prints	<input type="checkbox"/> As Requested	<input type="checkbox"/> Returned After Loan
<input type="checkbox"/> Change Order	<input checked="" type="checkbox"/> Review and Comment	<input type="checkbox"/> Resubmit
<input type="checkbox"/> Plans		<input checked="" type="checkbox"/> Submit
<input type="checkbox"/> Samples	SENT VIA:	<input type="checkbox"/> Returned
<input type="checkbox"/> Specifications	<input checked="" type="checkbox"/> Attached	<input type="checkbox"/> Returned for Corrections
<input type="checkbox"/> Other:	<input type="checkbox"/> Separate Cover Via	<input checked="" type="checkbox"/> Due Date: 12/16/2011

ITEM	PACKAGE	SUBMITTAL	DRAWING	REV.	ITEM NO.	COPIES	DATE	DESCRIPTION	STATUS
					001	1	11/18/2011	Electrical Submittal 16120-001 Conductors & Cables	OUT

Remarks: Electrical Submittal for Review and Approval
Via Email Only

CC:

Signed: 
Janelle L. Smith



McDADE-WOODCOCK, INC.

HAROLD D. THOMPSON RWRF
HEADWORKS BUILDING

McDADE-WOODCOCK INC.
PROJECT NUMBER - 1402

ELECTRICAL SUBMITTAL

CONDUCTORS & CABLES

16120-001

CORPORATE

2404 Claremont Ave. NE
Albuquerque, NM 87107

Mailing Address
P.O. Box 11592
Albuquerque, NM 87192

Ph 505-884-0155
Fax 505-884-6073

DENVER

10700 E. Geddes Avenue
Suite 170
Englewood CO 80112

Ph 303-803-1809
Fax 303-803-1818

COLORADO SPRINGS

7222 Commerce Center Drive
Suite 245
Colorado Springs, CO 80919

Mailing Address
P.O. Box 7349
Colorado Springs, CO 80933

Ph 719-264-1236
Fax 719-264-1450

Owner:

**Lower Fountain Metropolitan
Sewage District
901 S. Santa Fe Avenue
Fountain, CO 80817**

General Contractor:

**Weaver General Construction Co.
3679 S. Huron St. - Suite 404
Englewood, CO 80110**

Electrical Contractor:

**McDade-Woodcock, Inc.
7222 Commerce Center Dr.
#245
Colorado Springs, CO 80919**

Engineer:

**GMS Inc.
611 N. Weber St., Suite 300
Colorado Springs, CO 80903**



McDADE-WOODCOCK, INC.

HAROLD D. THOMPSON RWRF
HEADWORKS BUILDING

McDADE-WOODCOCK INC.
PROJECT NUMBER - 1402

ELECTRICAL SUBMITTAL

CONDUCTORS & CABLES

16120-001

TABLE OF CONTENTS

- TAB 1: WIRE & CABLE -**
THHN, TWSHPR-16, TRAY RATED
CABLE.
- TAB 2: MECHANICAL CONNECTORS**
- TAB 3: COMPRESSION CONNECTORS**
- TAB 4: WIRE PULLING LUBRICANTS**

CORPORATE

2404 Claremont Ave. NE
Albuquerque, NM 87107

Mailing Address
P.O. Box 11592
Albuquerque, NM 87192

Ph 505-884-0155
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Colorado Springs, CO 80933

Ph 719-264-1236
Fax 719-264-1450



BARE COPPER | THHN | MTW | TFFN & TFN | TINNED | STRIPING | HOME

THHN, MTW, THWN-2, AWM

T90 Nylon, TWN75 (cUL)



Thermoplastic Insulated, Nylon Sheathed Heat, Moisture, Oil & Gasoline Resistant 600 Volt Copper



Product Description:

Alan Wire Type THHN or THWN-2 conductors are primarily used in conduit as branch circuits in commercial or industrial applications, as specified by the National Electrical Code. Type AWM or MTW conductors are primarily used as appliance or machine tool wiring, as specified by the National Electrical Code.

Type THHN or THWN-2 are available as stranded in sizes 14 awg - 750 kcmil, and as solid in sizes 14-10 awg. Stranded sizes 14 awg - 750 kcmil are also rated as AWM or MTW. The conductors are soft-annealed, stranded or solid copper and are insulated with a tough, heat and moisture resistant polyvinyl chloride (PVC), over which a nylon (polyimide) jacket is applied.

Specifications:

Alan Wire Type THHN or THWN-2 or AWM or MTW meets applicable ASTM specifications, UL Standard 83, UL Standard 758, and UL Standard 1063. The conductors are Gasoline and Oil Resistant II, and have a voltage rating to 600 volts. Sizes 1/0 and larger are rated for CT use. All sizes have VW1 flame rating. All THHN is UL and cUL Listed.

Conductor		PVC Insulation Thickness (Mils)	Nylon Jacket Thickness (Mils)	Nominal O.D. (Mils)	Ampacity	Approx. Net Weight per MFT	Color Code	Standard Package
Size AWG	No. Strands				90° C THHN / THWN-2			
**14	Solid	15	4	102	15	16	1	AE
**12	Solid	15	4	119	20	24	1	AE
**10	Solid	20	4	150	30	37	1	BE
14	19	15	4	112	15	16	1	AE

12	19	15	4	131	20	24	1	AE
10	19	20	4	165	30	37	1	BE
8	19	30	5	218	55	64	2	B
6	19	30	5	256	75	96	2	CD
4	19	40	6	325	95	155	2	CD
3	19	40	6	345	110	190	3	CD
2	19	40	6	388	130	235	3	CD
1	19	50	7	437	150	300	3	CD
1/0	19	50	7	477	170	370	3	CD
2/0	19	50	7	521	195	465	3	CD
3/0	19	50	7	571	225	570	3	CD
4/0	19	50	7	627	260	720	4	CD
250	37	60	8	711	290	850	5	CD
300	37	60	8	766	320	1011	5	CD
350	37	60	8	817	350	1172	5	CD
400	37	60	8	864	380	1333	5	CD
500	37	60	8	949	430	1653	5	CD
600	61	70	9	1051	475	1985	5	CD
750	61	70	9	1126	535	2462	5	CD
A - 2000' Carton, Four 500' Spools Per Carton Applications				** Not Suitable for MTW				
B - 1000' Carton, Two 500' Spools Per Carton								
C - 500' Reel				D - 1000' Reel		E - 2500' Reel		Other lengths available upon request.

Colors Available:

- Color Code #1) Black, White, Red, Blue, Green, Orange, Yellow, Brown, Purple, Gray, Pink, Tan
- Color Code #2) Black, White, Red, Blue, Green, Orange, Yellow, Brown, Gray
- Color Code #3) Black, White, Red, Green
- Color Code #4) Black, Green
- Color Code #5) Black



Okoseal-N® Type P-OS

Type TC Instrumentation Cable

Single Pair or Triad - Overall Shield
600 Volts - 90°C Dry/75°C Wet Rating
For Cable Tray Use



- A Stranded Bare Copper Conductor
- B Okoseal Insulation with Nylon Jacket
- C Twisted Pair/Triad
- D Aluminum/Synthetic Polymer Tape
- E Stranded Tinned Copper Drain Wire
- F Rip Cord
- G Black Okoseal Jacket

Specifications

Conductors: Bare soft annealed copper, Class B, 7-strand concentric per ASTM B-8.

Insulation & Jacket: Flame-retardant Okoseal® (PVC), 15 mils nominal thickness, 90°C temperature rating, per UL Standard 1277.

Conductor Identification: Pigmented black and white in pairs, black, white and red in triads.

Assembly: Pair or triad assembled with left-hand lay.

Cable Shield: Aluminum/Polyester tape overlapped to provide 100% coverage, and a 7-strand tinned copper drain wire, same size as conductor.

Jacket: Black, flame-retardant, low temperature Okoseal per UL Standard 1277, 90°C temperature rating. A rip cord is laid longitudinally under the jacket to facilitate removal.

Classification: UL Listed as Type TC Article 340 of the National Electrical Code.

Applications

Okonite's single pair or triad Type P-OS instrumentation cables are designed for use on Class 1 Remote-Control Signaling circuits or where a 600V cable is desired, as instrumentation, process control, or computer cable transmitting signals at levels above 100 milli-volts in circuits where shielding against external interference is required, but shielding against interference among groups is not required. For use indoors or outdoors; wet or dry locations; in cable trays; in raceways; supported by a messenger wire; for direct burial; in Class I, Division 2, Class II, Division 2 or Class III, Division 2 hazardous locations. Also for use as non power limited fire protective signaling cable (NPLF) per NEC Code 760. Type TC cables can be labeled Okomarine to be used in ABS and Coast Guard approved marine applications.

Type TC is authorized for use in Class I & II, Division 2 hazardous locations.

Product Features

- Passes the UL 1277 & IEEE 383-1974 vertical tray flame tests.
- May be combined with 600V power and control cables in the same tray.
- Sunlight resistant & oil resistant
- UL listed for direct burial (2/C #16 AWG and larger)
- Individual pairs or triads are color coded for simplified hook-up.
- Good noise rejection.
- Excellent weathering characteristics.
- May be used in approved marine applications.
- Flexible, easy to handle and terminate.
- Twisted with 100% shield coverage to reduce electromagnetic pick-up.
- OSHA Acceptable.
- Suitable for installation in low temperature installations to -40°C.

Okoseal-N Type P-OS Type TC Instrumentation Cable

Single Pair or Triad - Overall Shield
600V - 90°C Dry/75°C Wet Rating
For Cable Tray Use



Product Data Section 5: Sheet 29

Okoseal Insulation: 15 mils
Nylon Jacket: 4 mils

Catalog Number	Size AWG	Number of Pairs	Number of Triads	Jacket Thickness-(mils)	Nominal Cable O.D. - (In.)	Cross-Sectional Area † (sq in)	Approx Net Weight (lbs/1000')	Approx Ship Weight (lbs/1000')
▲ 264-60-3301	18	1	45	0.27	0.06	48	53	
264-65-3301	18	1		0.29	0.07	54	59	
▲ 264-60-4401	16	1		0.29	0.08	56	61	
▲ 264-65-4401	16	1		0.31	0.08	69	80	
▲ 264-60-5501	14	1		0.32	0.09	75	86	
264-65-5501	14	1		0.34	0.10	94	105	

ELECTRICAL SPECIFICATIONS Per UL Standard 1277	
Conductor Resistance, maximum ohms/1000 ft.	
	..... @20°C @25°C
18 AWG	..... 6.09 7.04
16 AWG	..... 4.34 4.43
14 AWG	..... 2.72 2.78
Insulation Test Voltage (spark test)	
18 - 16 AWG	..... 6000 volts ac
14 AWG	..... 7500 volts ac
Dielectric Test Voltage	
18-16 AWG	..... 1500 volts ac for 1 minute
14 AWG	..... 2000 volts ac for 1 minute
Shield Isolation Test	
Pair to Cable Shield	..... exceeds 100 Megohms/1000 ft.
Insulation Resistance Constant @60°F minimum (natural material typical value) .....2000 Ohms-1000 ft.	
Loop Resistance, nominal (2 conductor) ohms-1000 ft	
	..... @20°C @25°C
18 AWG	..... 12.18 14.08
16 AWG	..... 8.68 8.86
14 AWG	..... 5.44 5.56

† Cross-sectional area for calculation of cable tray fill in accordance with NEC Section 318-8

Length Tolerance: Cut lengths of 1000 feet or longer are subject to a tolerance of ± 10%; less than 1000 feet ± 15%.

▲ Authorized Stock Item: Available from our Customer Service Centers.

Mutual Capacitance	18 AWG	.....49 pF/ft
	16 AWG	.....56 pF/ft
	14 AWG	.....64 pF/ft
L/R ratio	18 AWG	.....14 micro Henry/ohm
	16 AWG	.....21 micro Henry/ohm
	14 AWG	.....31 micro Henry/ohm
Inductance	18 AWG	.....0.19 micro Henry/ft
	16 AWG	.....0.18 micro Henry/ft
	14 AWG	.....0.17 micro Henry/ft



XLP USE-2 **-40°C to 90°C 600V, UL**

Coleman Cable's Royal® brand of USE-2 cable is produced to the most exacting standards in the industry. From the copper stranding built to the American Society for Testing and Materials (ASTM) B 8 to the proprietary flame-retardant cross-linked polyethylene insulation, CCI is committed to providing the longest-lasting USE-2 cable available. Our cables must pass 36 quality inspections throughout the manufacturing process and meet our demanding specifications before it's released to exceed yours.

Features

- Rated 90°C wet or dry
- Superior electrical and physical properties
- Excellent moisture resistance
- Resistant to heat deformation and crush
- Direct burial approved
- Sunlight resistant
- -40°C impact resistant

Applications

- Industrial utility systems
- Commercial Applications
- Raceways
- Conduit
- Direct burial
- Aerial applications
- Cable tray where CT rated (1/0 and larger)

Specifications & Standards

- UL 44 Type RHH/RHW-2
- UL 854 Type USE-2
- ICEA S-95-658/Nema WC70
- For CT use on 1/0 and larger
- For 1/0 and larger IEEE
- IEEE 383
- ICEA T-29-520
- IEEE 1202/CSA FT4

Constructions

- 14 AWG - 1000 MCM fully annealed stranded bare copper
- Class B Stranding per ASTM B 8
- Black flame retardant cross-linked polyethylene (XLPE) insulation



Royal® XLP USE-2

-40°C to 90°C 600V, UL

Part Number	Gauge	Stranding	Insulation Thickness		Nominal OD		Weight	
			in.	mm.	in.	mm.	lbs./mft	kg/km
19514	14	7/.0242	0.045	1.14	0.164	4.16	23	35
19512	12	7/.0305	0.045	1.14	0.184	4.67	32	48
19510	10	7/.0385	0.045	1.14	0.207	5.25	47	70
19508	8	7/.0486	0.060	1.52	0.268	6.80	76	113
19506	6	7/.0612	0.060	1.52	0.306	7.77	111	165
19504	4	7/.0772	0.060	1.52	0.354	8.99	165	245
19502	2	7/.0974	0.060	1.52	0.414	10.51	248	369
19511	1	7/.1093	0.080	2.03	0.497	12.62	320	476
19521	1/0	19/.0745	0.080	2.03	0.534	13.56	393	585
19522	2/0	19/.0837	0.080	2.03	0.538	14.79	488	727
19523	3/0	19/.0940	0.080	2.03	0.618	15.70	604	898
19524	4/0	19/.1055	0.080	2.03	0.692	17.57	741	1103
19525	250 MCM	37/.0822	0.095	2.41	0.764	19.40	883	1315
19535	350 MCM	37/.0974	0.095	2.41	0.873	22.17	1206	1795
19555	500 MCM	37/.1162	0.095	2.41	1.005	25.52	1687	2510
19575	750 MCM	61/.1109	0.110	2.79	1.250	31.75	2512	3738
19599	1000 MCM	61/.1280	0.110	2.79	1.400	35.56	3320	4940

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

VW-1, Tinned copper and colors available - consult factory.



TYPES KA-U, KKA-U

UNIVERSAL TERMINAL

(One Conductor)
For Aluminum and
Copper Conductors

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

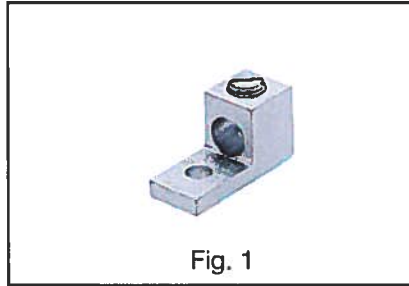


Fig. 1

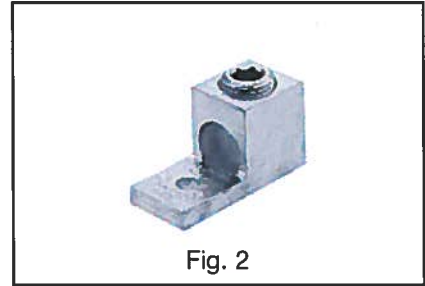


Fig. 2

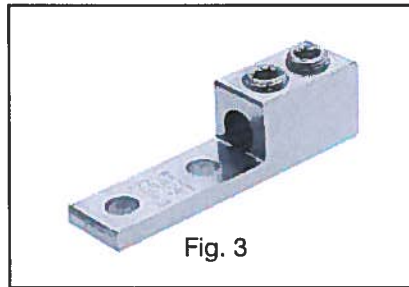


Fig. 3

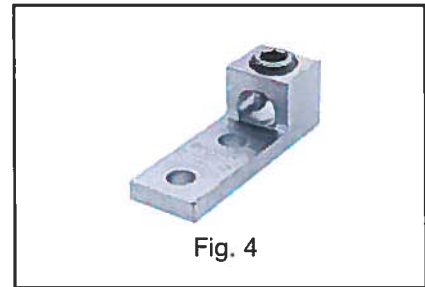
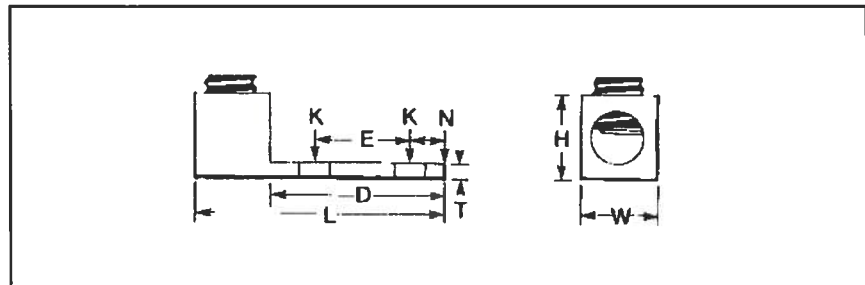


Fig. 4



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

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

Blue highlighted items are industry standard and most frequently ordered.

TYPE K2A-U

UNIVERSAL TERMINAL

(Two Conductor)
For Aluminum and
Copper Conductors

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

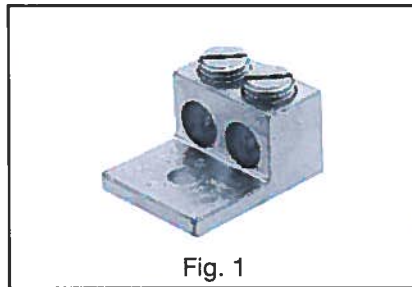


Fig. 1

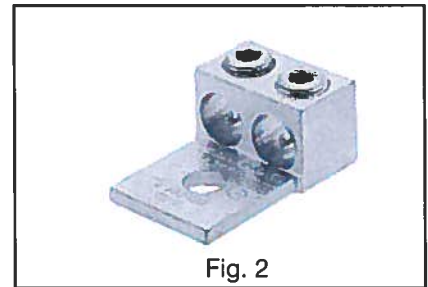


Fig. 2

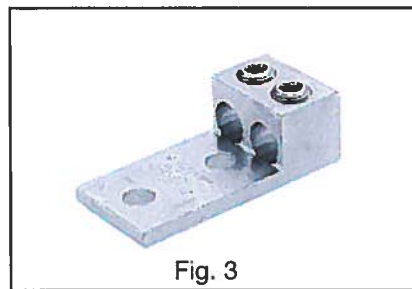
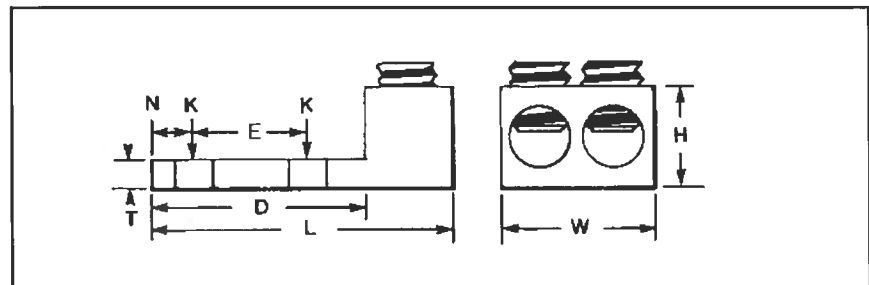


Fig. 3



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

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

Blue highlighted items are industry standard and most frequently ordered.

TYPES K3A-U, KK3A-U

UNIVERSAL TERMINAL

(Three Conductor)
For Aluminum and
Copper Conductors

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

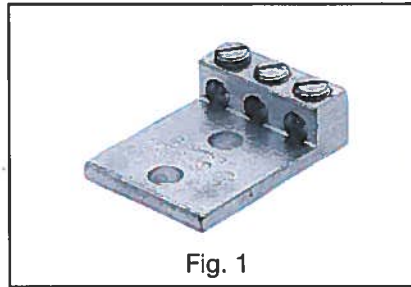


Fig. 1

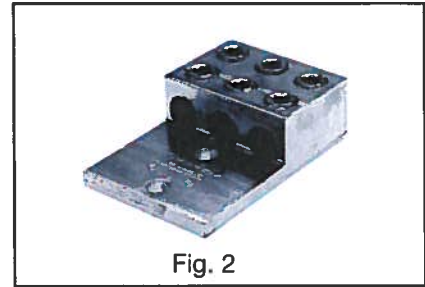
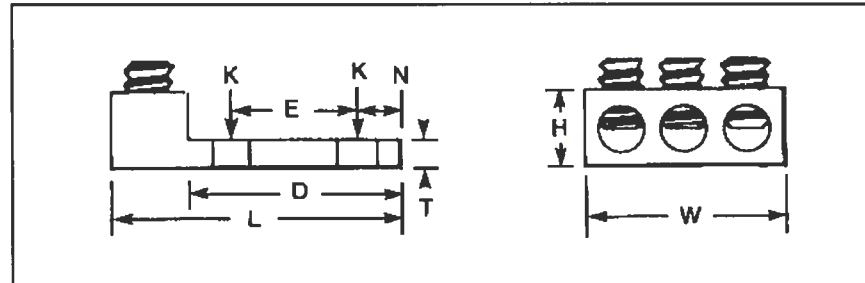


Fig. 2



Fig. 3



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

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

Blue highlighted items are industry standard and most frequently ordered.

TYPES K3A-U, KK3A-U

(Continued)



Fig. 3

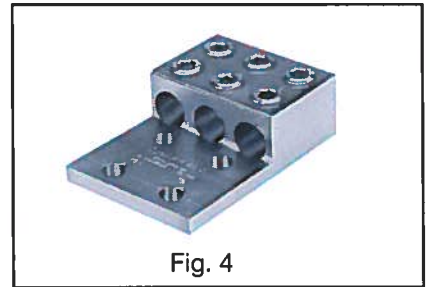
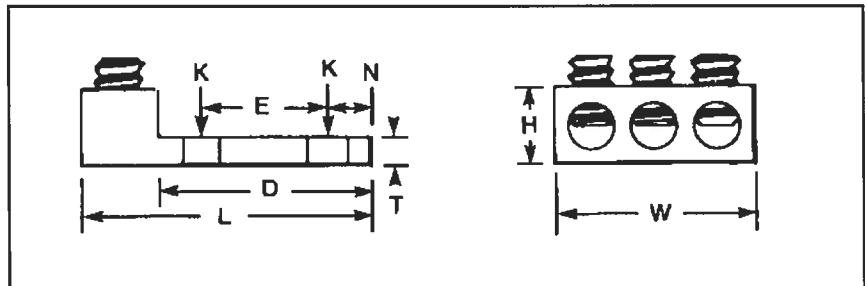


Fig. 4



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

* Slotted screw

** "N" indicates NEMA standard stud holes.

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

All 4N items ⚡ See note page A-2

Blue highlighted items are industry standard and most frequently ordered.

TYPES K4A-U, KK4A-U

UNIVERSAL TERMINAL

(Four Conductor)
For Aluminum and
Copper Conductors

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

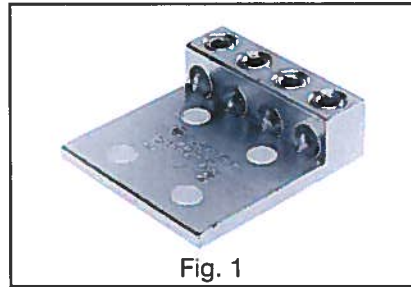


Fig. 1

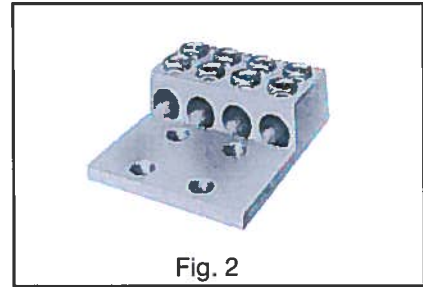
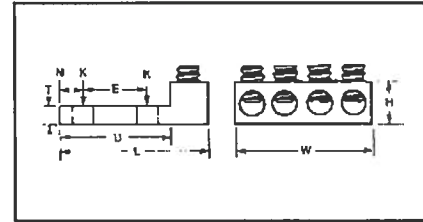


Fig. 2



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

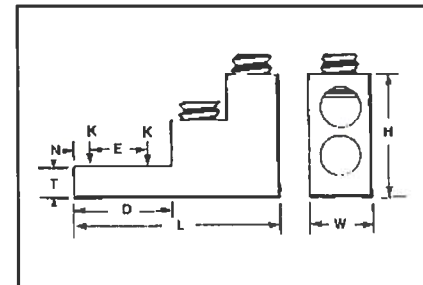
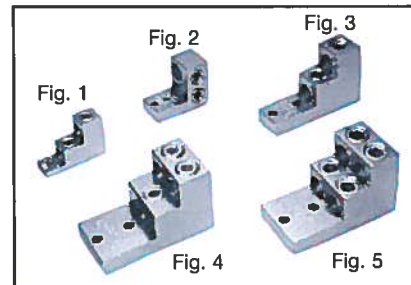
* "N" indicates NEMA standard stud holes.
All 4N items ⚡ See note page A-2

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

UNIVERSAL TERMINAL

For Aluminum and
Copper Conductors

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



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

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

Blue highlighted items are industry standard and most frequently ordered.



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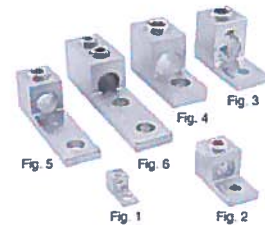
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TA 1 CONDUCTOR AL/CU

- Manufactured from high strength 6061-T6 aluminum alloy.
- Electro-Tin plated.
- UL 486A/B 90° C Listed and is CSA certified for 2,000 Volts.
- Suitable for use with either copper or aluminum conductors.
- Chamfered wire entry provides ease of installation.
- UL File E6207



32

Narrow Criteria by
 Bolt/Stud Size:
 Conductor Size Filter:

Item ID	Figure Number	Conductor Range	Bolt/Stud Size	Mounting Hole Spacing	Length	Width	Height	Hex Size	Standard Package Quantity	NAED/UPC Number
TA-6-S	1	4-14 AWG	1/4		1.0625	0.5000	0.5000	S	100	78366988838
TA-2	1	2-14 AWG or (2) 10-14 CU or (2) 10-12 AL	1/4		1.1563	0.5000	0.5500	S	100	78366988774
TA-0	1	1/0-14 AWG or (2) 4-12 AWG	1/4		1.4688	0.6250	0.7940	S	50	78366988715
TA-2/0	2	2/0-14 AWG	1/4		1.4688	0.6250	0.7940	3/16	50	78366917749
TA-250	2	250 kcmil-6 AWG	5/16		2.0000	1.0000	1.1220	5/16	25	78366988942
TA-300	2	300 kcmil-6 AWG	1/4		2.0000	0.8594	1.1220	5/16	25	78366918741
TA-350	2	350 kcmil-6 AWG	3/8		2.2500	1.1250	1.2500	3/8	25	78366988993
TA-350-2NS	5	350 kcmil-6 AWG	1/2	1-3/4	4.3125	1.1250	1.3750	3/8	6	78366989222
TA-350-2N	6	350 kcmil-6 AWG	1/2	1-3/4	5.5000	1.2500	1.5000	(2)3/8	6	78366989223
TA-500	2	500 kcmil-4 AWG	3/8		2.8125	1.5000	1.5620	1/2	12	78366989101
TA-500-S	3	(1) 600 kcmil-4 AWG or (2) Equal 250 kcmil-1/0 AWG	3/8		2.8125	1.3125	1.8120	1/2	6	78366989144
TA-600	2	600 kcmil-2 AWG	3/8		3.1875	1.5000	1.5630	1/2	12	78366989216
TA-600-2NS	5	600 kcmil-2 AWG	1/2	1-3/4	4.6875	1.5000	1.5630	1/2	3	78366989217
TA-600-2N	6	600 kcmil-2 AWG	1/2	1-3/4	5.5000	1.3750	1.5000	(2)3/8	3	78366989225
TA-800	2	800 kcmil-300 kcmil	5/8		3.3750	1.7500	1.9380	1/2	3	78366989320
TA-800-S	4	800 kcmil-3/0 AWG	5/8		3.2500	1.3125	1.8120	1/2	3	78366989312
TA-800-2NS	5	800 kcmil-300 kcmil	1/2	1-3/4	4.7500	1.7500	1.9380	1/2	3	78366989218
TA-800-2N	6	800 kcmil-300 kcmil	1/2	1-3/4	5.9688	1.5000	1.8130	(2) 3/8	3	78366989340
TA-1000	2	1000 kcmil-350 kcmil	5/8		3.3750	1.7500	1.9380	9/16	3	78366989558
TA-1000-S	4	1000 kcmil-500 kcmil	5/8		3.2500	1.4375	1.8120	9/16	3	78366989566
TA-1000-2NS	5	1000 kcmil-500 kcmil	1/2	1-3/4	4.7500	1.7500	1.9380	9/16	3	78366989219
TA-1000-2N	6	1000 kcmil-350 kcmil	1/2	1-3/4	5.9688	1.6250	1.8130	(2) 3/8	3	78366989486

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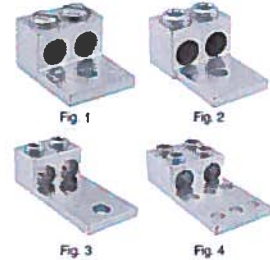
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AU 2 CONDUCTOR AL/CU

- Manufactured from high strength 6061-T6 aluminum alloy.
- Electro-Tin plated.
- UL 486A/B 90° C Listed and is CSA certified for 2,000 Volts.
- Suitable for use with either copper or aluminum conductors.
- Chamfered wire entry provides ease of installation.
- UL File E6207
- * Mounting hole spacing from side to side, hole to hole is .875".



15

Item ID	Figure Number	Conductor Range	Bolt/Stud Size	Mounting Hole Spacing	Length	Width	Height	Hex Size	Standard Package Quantity	NAED/UPC Number
AU-0	1	1/0-14 AWG	1/4		1.4688	1.1250	0.7940	S	12	78366900066
AU-2/0	2	2/0-14 AWG	1/4		1.4688	1.2500	0.7940	3/16	12	78366900074
AU-250	2	250 kcmil-6 AWG	3/8		2.5675	1.6563	1.1870	5/16	6	78366900330
AU-350	2	350 kcmil-6 AWG	1/2		2.8750	1.8906	1.2500	5/16	6	78366900381
AU-350-N	4	350 kcmil-6 AWG	1/2	1-3/4	5.5000	2.7500	1.5000	5/16	3	78366900575
AU-350-2N	3	350 kcmil-6 AWG	1/2	1-3/4	4.3125	4.0000	1.3750	5/16	3	78366900574
AU-600	2	600 kcmil-2 AWG	1/2		3.1875	2.4063	1.5620	1/2	3	78366900568
AU-600-2NS	3	600 kcmil-2 AWG	1/2	1-3/4	4.6875	2.4063	1.5630	1/2	3	78366900576
AU-600-2N	4	600 kcmil-2 AWG	1/2	1-3/4	5.5000	2.7500	1.5000	1/2	3	78366900577
AU-800	2	800 kcmil-300 kcmil	5/8		3.3750	3.1875	1.9380	1/2	3	78366900680
AU-800-2NS	3	800 kcmil-300 kcmil	1/2	1-3/4	4.7500	3.1875	1.9380	1/2	3	78366900700
AU-800-2N	4	800 kcmil-300 kcmil	1/2	1-3/4	5.9688	3.0000	1.8130	3/8	3	78366900702
AU-1000	2	1000 kcmil-500 kcmil	5/8		3.3750	3.1875	1.9380	9/16	3	78366900699
AU-1000-2NS	3	1000 kcmil-500 kcmil	1/2	1-3/4	4.7500	3.1875	1.9380	9/16	3	78366900794
AU-1000-2N	4	1000 kcmil-500 kcmil	1/2	1-3/4	5.9688	3.2500	1.8130	3/8	3	78366900796

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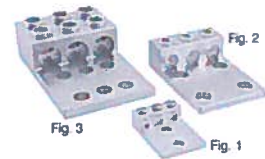
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T3A 3 CONDUCTOR AL/CU

- Manufactured from high strength 6061-T6 aluminum alloy.
- Electro-Tin plated.
- UL 486A/B 90° C Listed and is CSA certified for 2,000 Volts.
- Suitable for use with either copper or aluminum conductors.
- Chamfered wire entry provides ease of installation.
- Must be mounted with a minimum of 2 bolts.
- UL File E6207
- * Mounting hole spacing from side to side, hole to hole is .875".



10

Item ID	Figure Number	Conductor Range	Bolt/Stud Size	Mounting Hole Spacing	Length	Width	Height	Hex Size	Standard Package Quantity	NAED/UPC Number
T3A2-2	1	2-14 AWG	5/16	7/8	2.1870	1.5940	0.6250	S	6	78366989654
T3A2-0	1	1/0-14 AWG	3/8	1	2.9060	1.9380	0.8750	S	6	78366989590
T3A2-3/0N	1	3/0-6 AWG	1/2	1-3/4	3.8750	2.8130	1.1250	5/16	3	78366989734
T3A2-250N	1	250 kcmil-6 AWG	1/2	1-3/4	4.0000	2.8130	1.1870	5/16	1	78366989830
T3A2-350N	1	350 kcmil-6 AWG	1/2	1-3/4	4.3120	3.0000	1.3750	5/16	1	78366989945
T3A2-600N	* 3	600 kcmil-2 AWG	1/2	1-3/4	5.5000	3.5000	1.5000	3/8	1	78366990057
T3A2-800N	* 3	800 kcmil-350 kcmil	1/2	1-3/4	5.9700	4.1250	1.8130	5/16	1	78366990060
T3A2-1000N	* 3	1000 kcmil-500 kcmil	1/2	1-3/4	5.9700	4.8750	1.8130	3/8	1	78366990313
T3A4-2	2	2-14 AWG	5/16	7/8	2.1870	1.5940	0.6250	S	6	78366990532
T3A4-0	2	1/0-14 AWG	3/8	1	2.9060	1.9380	0.8750	S	6	78366990487
T3A4-3/0N	2	3/0-6 AWG	1/2	1-3/4	3.8750	2.8130	1.1250	5/16	3	78366990604
T3A4-250N	2	250 kcmil-6 AWG	1/2	1-3/4	4.0000	2.8130	1.1880	5/16	1	78366990719
T3A4-350N	2	350 kcmil-6 AWG	1/2	1-3/4	4.3130	3.0000	1.3750	5/16	1	78366990823
T3A4-600N	* 3	600 kcmil-2 AWG	1/2	1-3/4	5.5000	3.5000	1.5000	1/2	1	78366990960
T3A4-800N	* 3	800 kcmil-350 kcmil	1/2	1-3/4	5.9700	4.1250	1.8130	1/2	1	78366991041
T3A4-1000N	* 3	1000 kcmil-500 kcmil	1/2	1-3/4	5.9700	4.8750	1.8130	1/2	1	78366991199

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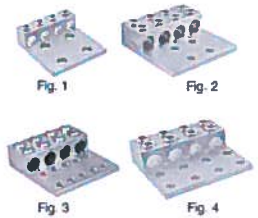
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T4A 4 CONDUCTOR AL/CU

- Manufactured from high strength 6061-T6 aluminum alloy.
- Electro-tin plated.
- UL 486A/B 90° C Listed and is CSA certified for 2,000 Volts.
- Dual Rated for Copper and Aluminum Conductor.
- Chamfered wire entry provides ease of installation.
- Must be mounted with a minimum of 4 bolts.
- UL File E6207
- * Mounting hole spacing from side to side, hole to hole is .875"



9

Item ID	Figure Number	Conductor Range	Bolt/Stud Size	Mounting Hole Spacing	Length	Width	Height	Hex Size	Standard Package Quantity	NAED/UPC Number
T4A4-250N	* 1	250 kcmil-6 AWG	1/2	1-3/4	4.0000	3.6870	1.1870	5/16	1	78366991215
T4A4-350N	* 3	350 kcmil-6 AWG	1/2	1-3/4	4.3130	3.9370	1.3750	5/16	1	78366991220
T4A4-600N	* 3	600 kcmil-2 AWG	1/2	1-3/4	5.5000	5.0000	1.5000	1/2	1	78366991226
T4A4-800N	* 2	800 kcmil-350 kcmil	1/2	1-3/4	5.9700	6.0000	1.8130	1/2	1	78366991231
T4A4-1000N	* 4	1000 kcmil-350 kcmil	1/2	1-3/4	5.9700	6.5000	1.8130	1/2	1	78366991235

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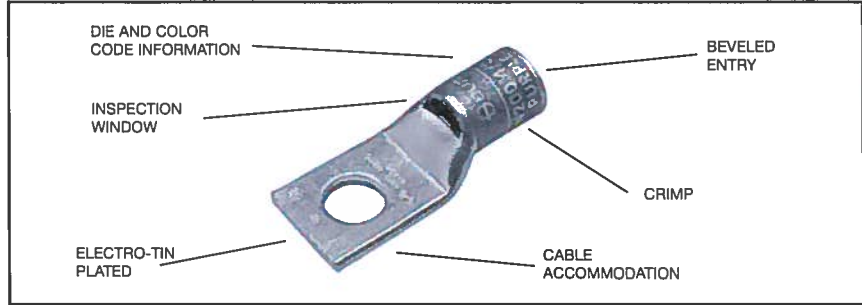
**ONE HOLE HYLUG™
CODE CONDUCTOR
STANDARD BARREL**

TYPES YA-L, YA-L-TC

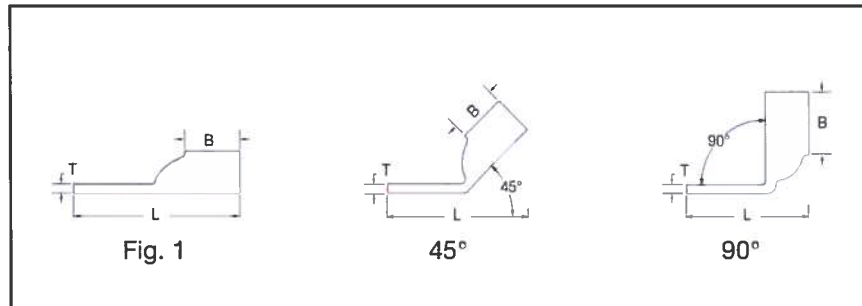
**COPPER COMPRESSION
TERMINAL**

UL Listed 90° C,
600 Volts to 35 kV ◆

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



C-17



Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			▲ Installation Tooling						Wire Strip Length	
		AWG	MM²			(B)	(T)	(L)	Dieless (# of crimps)	Mechanical		Hydraulic		Color Code		Die Index
										MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS	Y35, Y39, Y750, Y46°, PAT750				
YAV10-BOX	1			8-10	.38"	.405"	.058"	1.02"	Y8MRB-1 (1)	—	—	—	—	—	—	7/16"
YAV10R-BOX	3	#14-#10			.38"	.375"	.058"	.77"								
YAV10R3-BOX	3	Str		1/4"	.47"	.405"	.047"	.83"								
YAV10T2-BOX	1	#12-#10	6	5/16"	.53"	.38"	.047"	1.12"								
YAV10T3-BOX	1	Sol		1/4"	.47"	.405"	.047"	1.10"								
YAV10T4-BOX	1			3/8"	.56"	.38"	.047"	1.18"								
YA8CL1-BOX	1	#8 AWG #8 Weld 37/24 #6 Solid	† 10	1/4"	.44"	.44"	.08"	1.26"	Y1MRTC (1) Y8MRB-1 (1)	W8CVT (1) W8CRT (1) X8CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	U8CRT (1)	Red	49	7/16"	
YA8CL2-BOX	1			5/16"	.52"	.44"	.06"	1.38"	MY29-3 (1) MY29-11 (1)							
YA8CL3-BOX	1			3/8"	.58"	.44"	.06"	1.51"	MRC840 (1) Y81KFT (1)							
YA8CL4-BOX	1			1/2"	.71"	.44"	.05"	1.76"	Y81KFTMBH (1) PAT81KFT-18V (1)							
YA8CL-BOX	1			8-10	.41"	.44"	.08"	1.16"								
YA6CL-BOX	1	#6 AWG		1/4"	.45"	.54"	.08"	1.18"	Y1MRTC (1) MY29-3 (1) MY29-11 (1) MRC840 (1)	W5CVT (1) W5CRT (1) X5CRT (1) X8CART (1)	W5CVT (1) W5CRT (1) X5CRT (1) X8CART (1)	U5CRT (1)	Blue	7	5/8"	
YA6CL1-BOX	1			8-10	.41"	.54"	.09"	.99"								
YA6CL3-BOX	1			5/16"	.52"	.54"	.07"	1.24"								
YA6CL4-BOX	1			3/8"	.63"	.54"	.06"	1.28"								
YA6CL6-BOX	1	#6 AWG		1/2"	.75"	.54"	.12"	1.60"	Y81KFTMBH (1) PAT81KFT-18V (1)	W5CVT (1) W5CRT (1) X5CRT (1) X8CART (1)	W5CVT (1) W5CRT (1) X5CRT (1) X8CART (1)	U5CRT (1) UBCABT (1)	Blue	7	5/8"	
YA5CL-BOX	1	#5 AWG		1/4"	.44"	.81"	.07"	1.65"	W5CRT (1) W5CVT (1) X5CRT (1)	W5CRT (1) W5CVT (1) X5CRT (1)	U5CRT (1)	Blue	7	7/8"		

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

† The MM² conductor size listed is for both Class 2 and Class 5 conductor.
 ▲ See tooling section of this catalog for complete tool and die listings.

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

Blue highlighted items are industry standard and most frequently ordered.

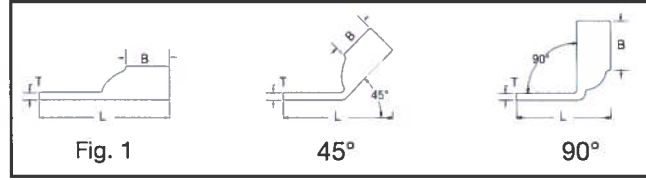
Compression Connections

BURNDY®

Copper Compression — Code

ONE HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL (Continued)

C-18



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



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

* 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.

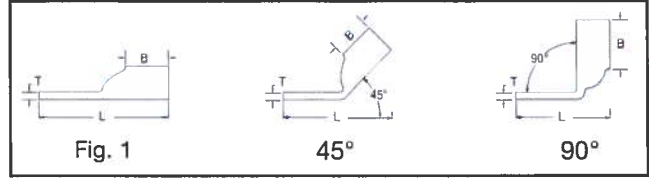
*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.

Note: All dimensions shown are for reference only.

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

Blue highlighted items are industry standard and most frequently ordered.

**ONE HOLE HYLUG™
CODE CONDUCTOR
STANDARD BARREL**
(Continued)



C-19

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



Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling				Wire Strip Length															
		AWG	MM²			(B)	(T)	(L)		Mechanical		Hydraulic			Color Code	Die Index													
										MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS	Y35, Y39, Y750, Y46*, PAT750																	
YA29L2	1	250 kcmil		1/4"	1.11"	1.06"	.16"	2.17"	MY29-3 (1) MY29-11 (1) Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W29VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16	1-1/8"														
YA29L4	1			3/8"	1.11"	1.06"	.16"	2.42"																					
YA29L7	1			5/16"	1.11"	1.06"	.16"	2.30"																					
YA29LTC78	1			7/8"	1.11"	1.06"	.14"	3.36"																					
YA29LNT38	1			3/8"	.96"	1.06"	.16"	2.96"																					
YA29L-BOX	1			1/2"	1.11"	1.06"	.16"	2.67"																					
YA30L	1	300 kcmil	150	1/2"	1.20"	1.03"	.16"	2.69"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W30VT (2)	W30VT (2) W30RT (2)	U30RT (2) U28ART (2)	White	17	1-1/16"														
YA30L1	1			5/16"	1.20"	1.03"	.16"	2.31"																					
YA30L24	1			3/8"	1.20"	1.03"	.16"	2.44"																					
YA30L27	1			7/8"	1.20"	1.03"	.16"	3.37"																					
YA30L28	1			3/4"	1.20"	1.03"	.16"	3.12"																					
YA30L7	1	5/8"	1.20"	1.03"	.16"	2.94"																							
YA31L	1	350 kcmil	185	1/2"	1.29"	1.06"	.18"	2.75"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W31VT (2)	W31VT (2) W31RT (2)	U31RT (2) U29ART (2)	Red	18	1-3/16"														
YA31L11	1			3/8"	1.29"	1.06"	.18"	2.50"																					
YA31L36	1			7/8"	1.29"	1.06"	.18"	4.02"																					
YA31L7	1			5/8"	1.29"	1.06"	.18"	3.00"																					
YA31LNT38	1			3/8"	.96"	1.06"	.18"	3.37"																					
YA32L	1	400 kcmil		5/8"	1.38"	1.19"	.19"	3.18"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W32VT (2)	W32VT (2) W32RT (2)	U32RT (2) U30ART (2)	Blue	19	1-1/4"														
YA32L1	1			1/2"	1.40"	1.19"	.19"	2.93"																					
YA32L14	1			3/8"	1.38"	1.19"	.19"	2.68"																					
YA32LTC78	1			7/8"	1.40"	1.19"	.19"	3.62"																					
YA33L	1	450 kcmil		5/8"	1.48"	1.50"	.21"	3.57"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W33VT (2)	W33VT (2) W33RT (2)	U33RT (2)	Gray	326	1-9/16"														
YA34L	1	500 kcmil	240	5/8"	1.55"	1.27"	.23"	3.37"																					
YA34L20	1			1"	1.55"	1.27"	.23"	4.05"																					
YA34L37	1			3/8"	1.55"	1.27"	.23"	2.87"																					
YA34L6	1			1/2"	1.55"	1.27"	.23"	3.12"																					
YA34L8	1			3/4"	1.55"	1.27"	.23"	3.55"																					
YA34L9	1			7/8"	1.55"	1.27"	.23"	3.80"																					
YA35L	1	550 kcmil		5/8"	1.65"	1.69"	.25"	3.81"								Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	—	U35RT (2)	Yellow	21	1-3/4"							
YA36L11	1	600 kcmil	300	1/2"	1.74"	1.38"	.27"	3.29"																					
YA36L	1			5/8"	1.74"	1.38"	.27"	3.72"																					
YA36LTC78	1	600 kcmil	300	7/8"	1.74"	1.38"	.27"	3.97"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	—	U36RT (2) U32ART (2)	Green	22	1-3/4"														
YA37L	1	650 kcmil		5/8"	1.80"	1.39"	.27"	3.57"																					
YA37L1	1			5/8"	1.80"	1.39"	.27"	3.76"																					
YA38L	1	700 kcmil		5/8"	1.84"	1.45"	.27"	3.66"															Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	—	—	U38RT (2)	Pink	400	1-15/16"
YA39L	1	750 kcmil		5/8"	1.91"	1.42"	.27"	3.67"																					
YA39L2	1			7/8"	1.91"	1.42"	.27"	4.10"																					
YA39L9	1			1-1/4"	1.91"	1.42"	.27"	4.85"																					
YA39LNT38	1			3/8"	1.12"	1.42"	.27"	4.70"																					
YA39L6	1			1/2"	1.91"	1.42"	.27"	3.41"																					
YA39L6	1			1/2"	1.91"	1.42"	.27"	3.41"																					

* 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.

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

Blue highlighted items are industry standard and most frequently ordered.

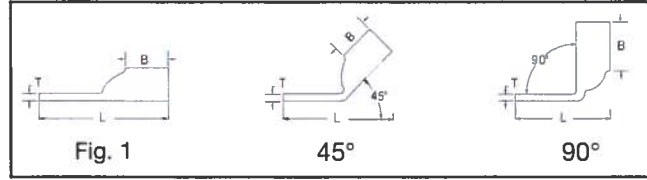
Compression Connections

BURNDY®

Copper Compression — Code

C-20

ONE HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL (Continued)



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



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

* 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.

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

Blue highlighted items are industry standard and most frequently ordered.

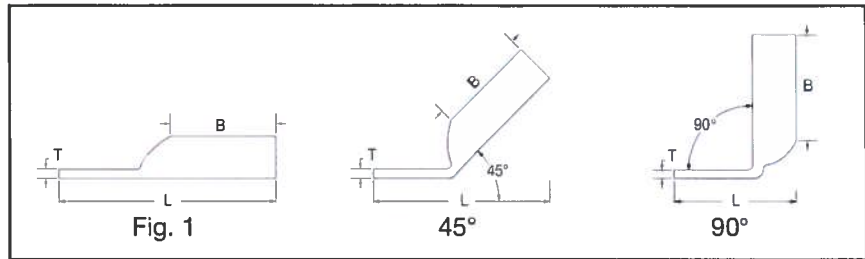
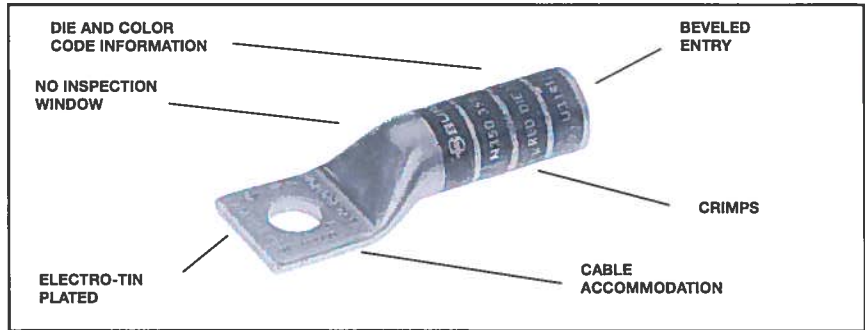
**ONE HOLE HYLUG™
CODE CONDUCTOR
LONG BARREL**

TYPES YA, YA-TC

**UNINSULATED COPPER
COMPRESSION TERMINAL**

UL Listed 90° C,
600 Volts to 35 kV ♦

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



C-23

Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling				Wire Strip Length	
		AWG	*** MM²			(B)	(T)	(L)		Mechanical MD6, DUR840, MD7-34R	Hydraulic		Color Code		Die Index
											BCT500HS, Y500CTHS	Y35, Y39, Y750 Y46*, PAT750			
YA8CTC10	1	#8 AWG	† 10	# 10	38"	.81"	.08"	1.57"	MRC840 (2) Y8MBR-1 (1)	W8CVT (2) W8CRT (2) X8CRT (2)	X8CRT (2) W8CVT (2) W8CRT (2)	U8CRT (2)	Red	49	1"
YA8CTC14	1	#8 Weld 37/24		1/4"	.41"	.81"	.08"	1.69"	Y1MRTC (2) Y81KFT (1)						
YA8CTC38	1	#6 Sol		3/8"	58"	.81"	.06"	1.88"	Y81KFTMBH (1) PAT81KFT-18V (1)						
YA6CTC10	1	#6 AWG	—	# 10	.41"	1.12"	.09"	1.89"	MRC840 (2) MY29-3 (2)	W5CVT (2) W5CRT (2) X5CRT (2)	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2) U8CABT (2)	Blue	7	1-3/16"
YA6CN	1			1/2"	.83"	1.12"	.12"	2.64"	MY29-11 (2) Y644HS (1) Y1MRTC (2)						
YA6C	1			1/4"	.41"	1.12"	.09"	1.81"	Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)						
YA5C	1	#5 AWG	—	1/4"	.44"	1.12"	.07"	1.98"	Y1MRTC (2) MRC840 (2)	W5CVT (2) W5CRT (2) X5CRT (2)	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	Blue	7	1-3/16"
YA5CN	1			1/2"	.83"	1.12"	.12"	2.67"	MY29-3 (2) MY29-11 (2) Y644HS (1) Y81KFT (1)						
YA4CTC10	1			# 10	.49"	1.12"	.09"	1.94"	MRC840 (2) MY29-3 (2)						
YA4C	1	#4 AWG	—	1/4"	.50"	1.12"	.09"	1.87"	MY29-11 (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	Gray	8	1-3/16"

* 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/indenter system contact factory.
 ♦ Available undrilled. Add suffix U to catalog number (example: YA25U).
 ♦ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
 Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

Compression Connections

BURNDY®

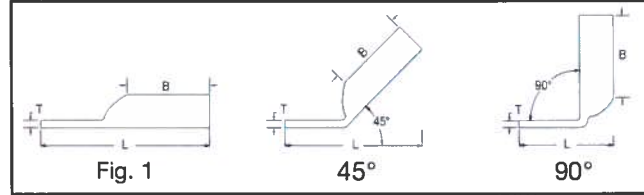
Copper Compression — Code — Long Barrel — No Inspection Window

C-24

ONE HOLE HYLUG™ CODE CONDUCTOR LONG BARREL (Continued)

UL Listed 90° C,
600 Volts to 35 kV ◆

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



Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling				Wire Strip Length	
		AWG	*** MM ²			(B)	(T)	(L)		Mechanical MD6, OURB40, MD7-34R	Hydraulic		Color Code		Die Index
											BCT500HS, Y500CTS	Y35, Y39, Y750, Y46*, PAT750			
YA4CTC38	1	#4 AWG	—	3/8"	.58"	1.12"	.08"	2.25"	MRC840 (2) MY29-3 (2) MY29-11 (2) Y644HS (1) Y1MRTC (4) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	Gray	8	1-3/16"
YA4CN	1			1/2"	.83"	1.12"	.12"	2.69"							
YA3CTC14	1	#3 AWG #2 Solid	25	1/4"	.55"	1.25"	.09"	2.23"	MY29-3 (2) MY29-11 (2) Y644HS (1) Y81KFT (2)	W3CRT (2)	W3CRT (2)	U3CRT (2)	White	9	1-1/2"
YA3C	1			5/16"	.55"	1.25"	.09"	2.30"							
YA3CTC38	1			3/8"	.61"	1.25"	.08"	2.42"	Y81KFTMBH (2)						
YA3CN	1			1/2"	.81"	1.25"	.12"	2.86"	PAT81KFT-18V (2)						
YA2CTC10	1	#2 AWG	35	# 10	.61"	1.25"	.11"	2.10"	Y1MRTC (4) MRC840 (2)	W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	1-5/16"
YA2CTC14	1			1/4"	.60"	1.25"	.11"	2.23"	MY29-3 (2) MY29-11 (2)						
YA2C	1			5/16"	.61"	1.25"	.11"	2.29"	Y644HS (1) Y81KFT (2)						
YA2CN	1			1/2"	.83"	1.25"	.12"	2.88"	Y81KFTMBH (2)						
YA1CTC10	1	#1 AWG	50	# 10	.68"	1.38"	.10"	2.27"	PAT81KFT-18V (2) Y1MR (4) MRC840 (2)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	W1CVT (2) W1CRT-1 (2) X1CRT-1 (2)	U1CRT-1 (2) U4CABT (2)	Green	11	1-7/16"
YA1C	1			5/16"	.68"	1.38"	.10"	2.45"	MY29-3 (2) MY29-11 (2) Y644HS (1) Y81KFT (2)						
YA1CN	1			1/2"	.83"	1.38"	.12"	3.06"	Y81KFTMBH (2) PAT81KFT-18V (2)						
YA25TC10	1	1/0 AWG	—	# 10	.75"	1.38"	.12"	2.30"	MRC840 (4) MY29-3 (2)	W25VT (4) W25RT (4) X25RT (4)	W25VT (4) W25RT (4) X25RT (4)	U25RT (2) U2CABT (2)	Pink	12	1-7/16"
YA25	1			5/16"	.75"	1.38"	.12"	2.48"	MY29-11 (2) Y644HS (1) Y81KFT (2)						
YA25TC38	1			3/8"	.75"	1.38"	.12"	2.61"	Y81KFTMBH (2) PAT81KFT-18V (2)						

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

*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color coded die recommendations for -FX connectors. For nest/indenter system contact factory.

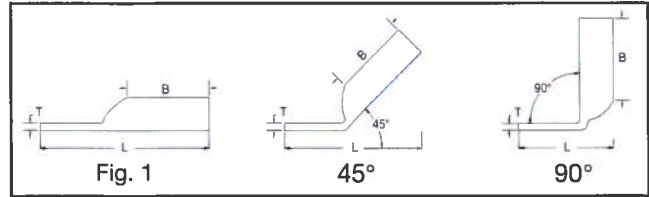
◆ Available undrilled. Add suffix U to catalog number (example: YA25U).
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

**ONE HOLE HYLUG™
CODE CONDUCTOR
LONG BARREL**
(Continued)

UL Listed 90° C,
600 Volts to 35 kV ◆

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



C-25



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

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

*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color coded die recommendations for -FX connectors. For nest/indenter system contact factory.

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

Blue highlighted items are industry standard and most frequently ordered.

Compression Connections

BURNDY®

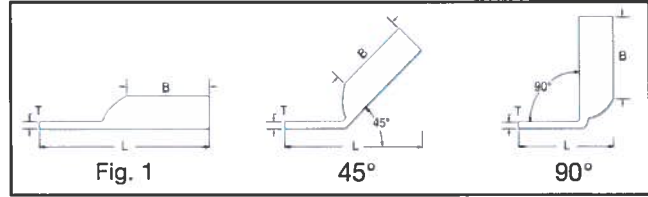
Copper Compression – Code – Long Barrel – No Inspection Window

C-26

ONE HOLE HYLUG™ CODE CONDUCTOR LONG BARREL (Continued)

UL Listed 90° C,
600 Volts to 35 kV ♦

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



Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling					
		AWG	MM²			(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic		Color Code	Die Index	Wire Strip Length
											BCT500HS, Y500CTS	Y35, Y39, Y750, Y46*, PAT750			
YA30	1	300 kcmil	150	1/2"	1.20"	2.00"	.16"	3.69"	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	W30VT (4)	W30VT (4) W30RT (4)	U30RT (4) U28ART (4)	White	17 or 298	2-1/16"
YA31	1	350 kcmil	185	1/2"	1.29"	2.00"	.18"	3.73"	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	W31VT (4)	W31VT (4) W31RT (4)	U31RT (4) U29ART (4)	Red	18 or 324	2-1/16"
YA32N	1	400 kcmil	—	1/2"	1.38"	2.12"	.19"	4.09"	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	W32VT (4)	W32VT (4) W32RT (4)	U32RT (4) U30ART (4)	Blue	19 or 470	2-3/16"
YA32	1			5/8"	1.38"	2.12"	.19"	4.15"							
YA33	1	450 kcmil	—	5/8"	1.48"	2.13"	.21"	4.24"	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	W33VT (4)	W33VT (4) W33RT (4)	U33RT (4)	Gray	326 or 538	2-5/16"
YA33N	1			1/2"	1.48"	2.13"	.21"	4.17"							
YA34N	1	500 kcmil	240	1/2"	1.55"	2.25"	.23"	4.32"	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	W34VT (4)	W34VT (4) W34RT (4)	U34RT (4) U31ART (4)	Brown	20 or 299	2-5/16"
YA34	1			5/8"	1.55"	2.25"	.23"	4.39"							
YA35	1	550 kcmil	—	5/8"	1.65"	2.63"	.25"	4.79"	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	—	—	U35RT (4)	Yellow	21	2-11/16"
YA35N	1			1/2"	1.65"	2.63"	.25"	4.73"							
YA36N	1	600 kcmil	300	1/2"	1.69"	2.69"	.27"	4.83"	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	—	—	U36RT (4) U32ART (4)	Green	22 or 472	2-3/4"
YA36	1			5/8"	1.69"	2.69"	.27"	4.90"							
YA37	1	650 kcmil	—	5/8"	1.80"	2.81"	.27"	5.05"	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	—	—	U37RT (4)	Orange	23	2-7/8"
YA37N	1			1/2"	1.80"	2.81"	.27"	4.98"							
YA38	1	700 kcmil	—	5/8"	1.84"	2.81"	.27"	5.07"	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	—	—	U38RT (4)	Pink	400	2-7/8"
YA38N	1			1/2"	1.84"	2.81"	.27"	5.01"							
YA39N	1	750 kcmil	—	1/2"	1.89"	2.88"	.27"	5.11"	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	—	—	U39RT (4) P39RT (4) **	Black	24	2-15/16"
YA39	1			5/8"	1.89"	2.88"	.27"	5.17"							
YA40	1	800 kcmil	400	5/8"	1.98"	2.94"	.30"	5.25"	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	—	—	P40RT (4) **	Orange	25	3"
YA41	1	850 kcmil	—	5/8"	2.01"	2.94"	.31"	5.26"	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	—	—	—	Gold	26	3"
YA41N	1			1/2"	2.01"	2.91"	.31"	5.20"							
YA44	1	1000 kcmil	500	5/8"	2.17"	3.00"	.33"	5.45"	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	—	—	P44RT (4) **	White	27	3-1/16"
YA44N	1			1/2"	2.19"	3.00"	.33"	5.38"							
YA45	1	1250 kcmil	—	3/4"	2.46"	3.19"	.38"	5.93"	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	—	—	P45RT (6) **	Yellow	29	3-1/4"
YA46	1	1500 kcmil	—	3/4"	2.69"	3.19"	.40"	6.04"	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	—	—	P46RT (6) **	Green	31	3-5/16"
YA46N	1			1/2"	2.69"	3.19"	.40"	5.79"							
YA47	1	1750 kcmil	—	3/4"	2.90"	3.44"	.42"	6.38"	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	—	—	—	Gray	33	3-1/2"
YA47N	1			1/2"	2.90"	3.44"	.42"	6.13"							
YA48	1	2000 kcmil	—	3/4"	3.10"	3.44"	.46"	6.47"	Y644HS (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	—	—	—	Brown	34	3-1/2"
YA48N	1			1/2"	3.10"	3.44"	.46"	6.22"							

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

*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color coded die recommendations for -FX connectors. For nest/indenter system contact factory.

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

Blue highlighted items are industry standard and most frequently ordered.

Compression Connections

BURNDY®

Copper Compression – Code – Inspection Window

C-30

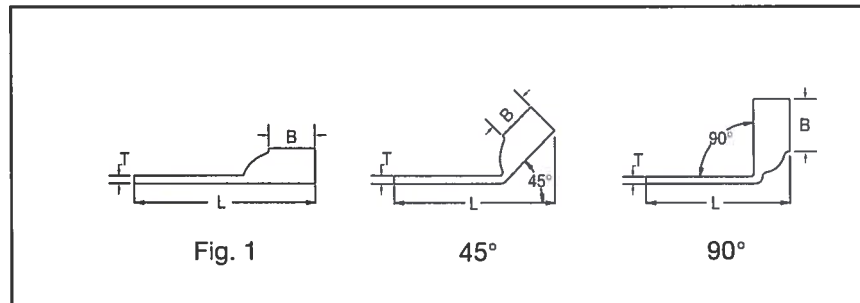
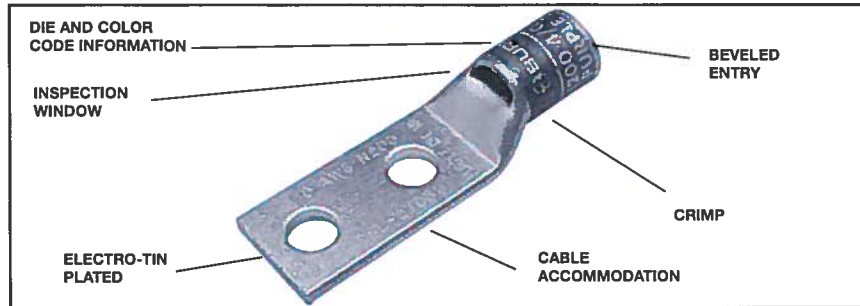
TWO HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL

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

COPPER COMPRESSION TERMINAL

UL Listed 90° C,
600 Volts to 35 kV ◆

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



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

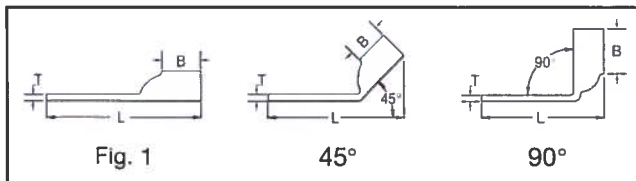
-- Color code not assigned.
* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.
** P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adapter not required.

*** 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.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

**TWO HOLE HYLUG™
CODE CONDUCTOR
STANDARD BARREL**
(Continued)



C-31

UL Listed 90° C,
600 Volts to 35 kV ♦

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



Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling					Wire Strip Length	
		AWG	MM²				(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic		Color Code	Die Index		
												BCT500HS, Y500CTHS	Y35, Y39, Y750, Y46*, PAT750				
YA4C-2L	1	4 AWG	—	1/4"	5/8"	.49"	.81"	.09"	2.30"	Y1MRTC (2) MY29-3 (1) MY29-11 (1) MRC840 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W4CVT (1) W4CRT (1) X4CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	U4CRT (1) U6CABT (1)	Gray	8	7/8"	
YA4CL-2TC14	1			1/4"	5/8"	.49"	.81"	.09"	2.36"								
YA4CL-2TC38	1			3/8"	1"	.58"	.81"	.08"	2.96"								
YA4CL-2TC14E1	1			1/4"	1"	.49"	.81"	.09"	2.74"								
YA4C-2LN	1	4 AWG	—	1/2"	1-3/4"	.83"	.81"	.12"	4.14"	Y1MRTC (2) MY29-3 (1) MY29-11 (1) MRC840 (1) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W4CVT (1)	X4CRT (1)	U4CRT (1)	Gray	8	7/8"	
YA4CL-2TC14E2	1			1/4"	3/4"	.49"	.81"	.09"	2.49"								
YA4CL-2TC516	1	5/16"	1"	.52"	.81"	.09"	2.80"										
YA3CL-2TC14	1	3 AWG #2 Sol.	25	1/4"	5/8"	.55"	.81"	.09"	2.45"								
YA3C-2L	1			5/16"	5/8"	.55"	.88"	.09"	2.64"			W3CRT (1)	W3CRT (1)	U3CRT (1)	White	9	15/16"
YA3CL-2TC38	1			3/8"	1"	.58"	.88"	.08"	3.06"								
YA2C-2L	1	2 AWG	35	5/16"	3/4"	.60"	.88"	.11"	2.67"								
YA2C-2LN	1			1/2"	1-3/4"	.83"	.88"	.11"	4.27"								
YA2CL-2TC14	1			1/4"	5/8"	.60"	.88"	.11"	2.47"			W2CVT (1) W2CRT (1) X2CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	U2CRT (1)	Brown	10	15/16"
YA2CL-2TC14E1	1			1/4"	1"	.60"	.88"	.11"	2.85"								
YA2CL-2TC14E2	1			1/4"	3/4"	.60"	.88"	.11"	2.60"								
YA2CL-2TC38	1			3/8"	1"	.60"	.88"	.11"	3.03"								
YA2CL-2TC516	1			5/16"	1"	.60"	.88"	.11"	2.91"								
YA1C-2LN	1			1 AWG	50	1/2"	1-3/4"	.81"	.88"	.12"	4.32"						
YA1C-2L	1	5/16"	7/8"			.68"	.88"	.10"	2.82"		W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	U1CRT-1 (1) U4CABT (1)	Green	11	15/16"	
YA1CL-2TC14	1	1/4"	5/8"			.68"	.88"	.10"	2.51"								
YA1CL-2TC14E2	1	1/4"	3/4"			.68"	.88"	.10"	2.64"								
YA1CL-2TC38	1	—	—	3/8"	1"	.68"	.88"	.10"	3.07"		W1CVT (1)	X1CRT-1 (1)	U1CRT (1)	Green	11	15/16"	
YA25-2L	1	1/0 AWG	—	5/16"	7/8"	.75"	.88"	.12"	2.85"	MY29-3 (1) MY29-11 (1) MRC840 (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)							
YA25-2LN	1			1/2"	1-3/4"	.83"	.88"	.11"	4.29"								
YA25L-2TC14	1			1/4"	5/8"	.75"	.88"	.12"	2.64"			W25VT (2) W25RT (2) X25RT (2)	W25VT (2) W25RT (2) X25RT (2)	U25RT (1) U2CABT (1)	Pink	12	15/16"
YA25L-2TC14E1	1			1/4"	1"	.75"	.88"	.12"	3.01"								
YA25L-2TC14E2	1			1/4"	3/4"	.75"	.88"	.12"	2.66"								
YA25L-2TC38	1			3/8"	1"	.75"	.88"	.12"	3.10"								
YA26-2L	1	2/0 AWG	70	5/16"	7/8"	.83"	.94"	.12"	2.95"								
YA26-2LN	1			1/2"	1-3/4"	.83"	.94"	.12"	4.39"								
YA26L-2TC14	1			1/4"	5/8"	.83"	.94"	.12"	2.64"			W26VT (2) W26RT (2) X26RT (2)	W26VT (2) W26RT (2) X26RT (2)	U26RT (1)	Black	13	1"
YA26L-2TC14E1	1			1/4"	1"	.83"	.94"	.12"	3.01"								
YA26L-2TC14E2	1			1/4"	3/4"	.83"	.94"	.12"	2.76"								
YA26L-2TC38	1			3/8"	1"	.83"	.94"	.12"	3.20"								
YA27-2LN	1	3/0 AWG	—	1/2"	1-3/4"	.91"	1.00"	.13"	4.48"								
YA27L-2TC14E2	1			1/4"	3/4"	.91"	1.00"	.12"	2.86"		W27VT (2) W27RT (2) X27RT (3)	W27VT (2) W27RT (2) X27RT (3)	U27RT (1)	Orange	14	1-1/16"	
YA27L-2TC38	1			3/8"	1"	.91"	1.00"	.12"	3.30"								

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

♦ For applications greater than 2000 volts consult cable manufacturer for voltage stress relief instructions.
* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.

** P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adapter not required.
*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

Compression Connections

BURNDY®

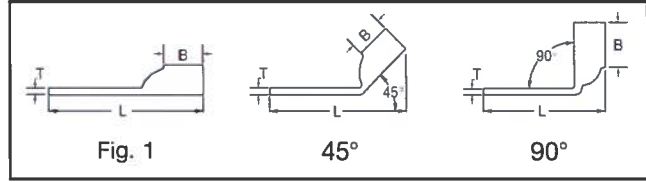
Copper Compression – Code – Inspection Window

C-32

TWO HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL (Continued)

UL Listed 90° C,
600 Volts to 35 kV ♦

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



Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling					
		AWG	MM ²				(B)	(T)	(L)		Mechanical MDG, OUR840, MD7-34R	Hydraulic		Color Code	Die Index	Wire Strip Length
												BCT500HS, Y500CHS	Y35, Y39, Y750, Y46*, PAT750			
YA28L-2NTC516	1	4/0 AWG	—	5/16"	1-3/4"	1.02"	.88"	.14"	3.84"	MY29-3 (1)	W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/8"
YA28-2LN	1			1/2"	1-3/4"	1.02"	.88"	.14"	4.41"	MY29-11 (1)						
YA28L-2TC14E1	1			1/4"	1"	1.02"	.88"	.14"	3.03"	MRC840 (2)						
YA28L-2TC14E2	1			1/4"	3/4"	1.02"	.88"	.14"	2.78"	Y644HS (1)						
YA28L-2TC38E2	1			3/8"	3/4"	1.02"	.88"	.14"	2.97"	Y81KFT (1)						
YA28L-2TC38	1			3/8"	1"	1.02"	.88"	.14"	3.22"	Y81KFTMBH (1) PAT81KFT-18V (1)						
YA29-2LN	1	250 kcmil	—	1/2"	1-3/4"	1.11"	1.06"	.16"	4.62"	MY29-3 (1) MY29-11 (1)	W29VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16	1-1/8"
YA29L-2TC38	1			3/8"	1"	1.11"	1.06"	.16"	3.45"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)						
YA30-2LN	1	300 kcmil	150	1/2"	1-3/4"	1.20"	1.03"	.16"	4.63"	Y644HS (1) Y81KFT (1) PAT81KFT-18V (1)	W30VT (2)	W30VT (2) W30RT (2)	U30RT (2) U28ART (2)	White	17	1"
YA30L-2TC-38	1			3/8"	1"	1.20"	1.03"	.16"	3.45"							
YA31-2LN	1	350 kcmil	185	1/2"	1-3/4"	1.29"	1.06"	.18"	4.70"	Y644HS (1) Y81KFT (1) PAT81KFT-18V (1)	W31VT (2)	W31VT (2) W31RT (2)	U31RT (2) U29ART (2)	Red	18	1-1/8"
YA31L-2TC12	1			1/2"	1-1/4"	1.29"	1.06"	.18"	4.01"							
YA31L-2TC14E2	1			1/4"	3/4"	1.29"	1.06"	.18"	3.07"							
YA31L-2TC38	1			3/8"	1"	1.29"	1.06"	.18"	3.51"							
YA31L-2NTC516	1			5/16"	1-3/4"	1.29"	1.06"	.18"	4.13"							
YA32-2LN	1			1/2"	1-3/4"	1.38"	1.19"	.19"	4.88"							
YA32L-2TC38E5	1	400 kcmil	—	3/8"	1-1/16"	1.40"	1.19"	.19"	3.75"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W32VT (2)	W32VT (2) W32RT (2)	U32RT (2) U30ART (2)	Blue	19	1-1/4"
YA32L-2TC38	1			3/8"	1"	1.38"	1.19"	.19"	3.69"							
YA32-2L	1			3/8"	1"	1.40"	1.19"	.19"	3.75"							
YA33-2LN	1	450 kcmil	—	1/2"	1-3/4"	1.48"	1.50"	.21"	5.23"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W33VT (2)	W33VT (2) W33RT (2)	U33RT (2)	Gray	326 or 538	1-9/16"
YA34-2LN	1	500 kcmil	240	1/2"	1-3/4"	1.52"	1.27"	.23"	5.06"							
YA34L-2TC12	1			1/2"	1-1/4"	1.52"	1.27"	.23"	4.38"							
YA34L-2TC14E2	1			1/4"	3/4"	1.52"	1.27"	.23"	3.44"							
YA34L-2TC38	1			3/8"	1"	1.52"	1.27"	.23"	3.88"							
YA34-2L	1	3/8"	1"	1.55"	1.27"	.23"	3.94"									
YA35-2L	1	550 kcmil	—	3/8"	1-1/8"	1.65"	1.69"	.25"	4.64"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	—	—	U35RT (2)	Yellow	21	1-3/4"
YA35-2LN	1			1/2"	1-3/4"	1.65"	1.69"	.25"	—							
YA36-2LN	1	600 kcmil	300	1/2"	1-3/4"	1.74"	1.38"	.27"	4.36"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	—	—	U36RT (2) U32ART (2)	Green	22	1-3/4"
YA36L-2TC38	1			3/8"	1"	1.73"	1.38"	.27"	4.23"							
YA37-2L	1	650 kcmil	—	3/8"	1-1/8"	1.80"	1.39"	.27"	4.40"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	—	—	U37RT (2)	Orange	23	1-15/16"
YA37-2LN	1			1/2"	1-3/4"	1.80"	1.39"	.27"	5.27"							

-- Color code not assigned.
▲ 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.

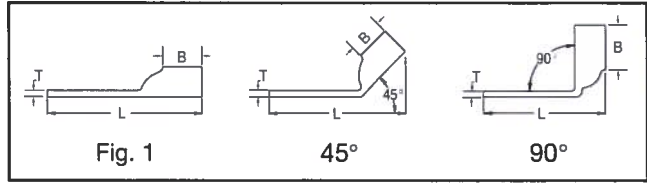
* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.
** P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adapter not required.
*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

**TWO HOLE HYLUG™
CODE CONDUCTOR
STANDARD BARREL**
(Continued)

UL Listed 90° C,
600 Volts to 35 kV ◆

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



C-33



Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling					Wire Strip Length
		AWG	MM²				(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic		Color Code	Die Index	
												BCT500HS, Y500CTHS	Y35, Y39, Y750, Y46*, PAT750			
YA38-2L	1	700 kcmil	—	3/8"	1-1/8"	1.84"	1.45"	.27"	4.48"	Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	—	—	U38RT (2)	Pink	400	1-15/16"
YA38-2LN	1			1/2"	1-3/4"	1.81"	1.45"	.27"	5.35"							
YA38L-2TC12	1			1/2"	1-1/2"	1.81"	1.45"	.27"	4.67"							
YA38L-2TC38	1			3/8"	1"	1.81"	1.45"	.27"	4.35"							
YA39-2L	1	750 kcmil	—	3/8"	1-1/8"	1.91"	1.42"	.27"	4.48"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	—	U39RT (2) P39RT (2) **	Black	24	1-15/16"
YA39-2LN	1			1/2"	1-3/4"	1.89"	1.42"	.27"	5.36"							
YA39L-2TC12E3	1			1/2"	1-1/2"	1.89"	1.42"	.27"	4.92"							
YA39L-2TC38	1			3/8"	1"	1.89"	1.42"	.27"	4.36"							
YA39L-2TC58	1	5/8"	1-1/2"	1.89"	1.42"	.27"	5.17"									
YA40-2L	1	800 kcmil	400	3/8"	1-1/8"	1.98"	1.42"	.30"	4.63"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	—	P40RT (3) **	Orange	25	1-15/16"
YA40-2LN	1			1/2"	1-3/4"	1.89"	1.42"	.30"	5.51"							
YA40L-2TC38	1			3/8"	1"	1.95"	1.42"	.30"	4.51"							
YA41-2L	1	850 kcmil	—	3/8"	1-1/8"	2.01"	1.88"	.31"	4.97"				Gold	26	1-15/16"	
YA44-2LN	1	1000 kcmil	500	1/2"	1-3/4"	2.17"	1.65"	.33"	5.74"	Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	—	—	P44RT (3) **	White	27	1-15/16"
YA44-2L	1			1/2"	1-1/4"	2.19"	1.65"	.33"	5.24"							
YA44L-2TC12	1			1/2"	1-1/4"	2.17"	1.65"	.33"	5.05"							

-- Color code not assigned.
▲ 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.
Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.

Compression Connections

BURNDY®

Copper Compression – Code – Long Barrel – No Inspection Window

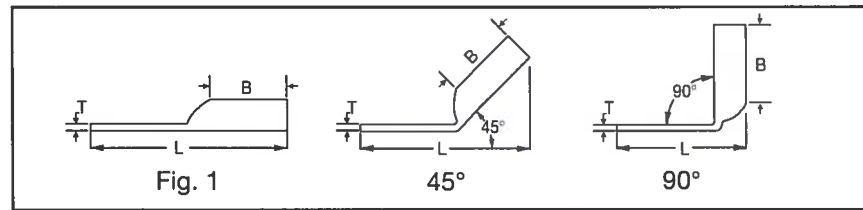
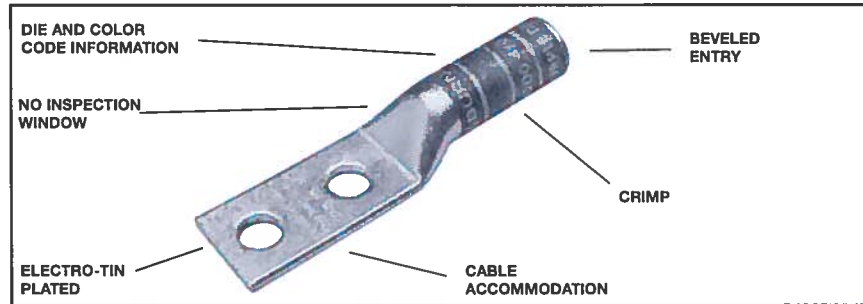
C-36

TWO HOLE HYLUG™ CODE CONDUCTOR LONG BARREL

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

UL Listed 90° C,
600 Volts to 35 kV ◆

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



Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling				Wire Strip Length		
		AWG	*** MM ²				(B)	(T)	(L)		Mechanical MD6, OUR840, MD7-34R	Hydraulic		Color Code		Die Index	
												BCT500HS, Y500CTS	Y35, Y39, Y750, Y46*, PAT750				
YA8C2TC14	1	#8 Str. #6 Sol. 37/24	† 10	1/4"	5/8"	.40"	.81"	.08"	2.33"	Y8MRB-1 (2) MY29-3 (2) MY29-11 (2) MRC840 (2) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W8CVT (2) W8CRT (2) X8CRT (2)	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (1)	Red	49	1"	
YA8C2TC14E2	1			1/4"	3/4"	.41"	.81"	.08"	2.45"								
YA8C2TC38	1			3/8"	1"	.73"	.81"	.06"	2.89"								
YA6C2N	1	#6 AWG	—	1/2"	1-3/4"	.81"	1.12"	.12"	4.40"	Y1MRTC (2) MY29-3 (2)	W5CVT (2) W5CRT (2) X5CRT (2)	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2) U8CABT (2)	Blue	7	1-3/16"	
YA6C2TC14	1			1/4"	5/8"	.45"	1.12"	.08"	2.65"	MY29-11 (2)							
YA6C2TC14E1	1			1/4"	1"	.45"	1.12"	.08"	3.03"	MRC840 (2)							
YA6C2TC14E2	1			1/4"	3/4"	.45"	1.12"	.08"	2.78"	Y81KFT (1)							
YA6C2TC38	1			3/8"	1"	.63"	1.12"	.06"	3.22"	Y81KFTMBH (1)							
YA6C2TC38E2	1			3/8"	3/4"	.63"	1.12"	.06"	2.97"	PAT81KFT-18V (1)							
YA6C2TC38E6	1			3/8"	7/8"	.63"	1.12"	.06"	3.09"								
YA5C2N	1	#5 AWG	—	1/2"	1-3/4"	.83"	1.12"	.12"	4.43"	MY29-3 (2) MY29-1 (2) MRC840 (2) Y644HS (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W5CRT (2) W5CVT (2) X5CRT (2)	X5CRT (2) X5CVT (2) W5CRT (2)	U5CRT (2)	Blue	7	1-3/16"	
YA4C2N	1	#4 AWG	—	1/2"	1-3/4"	.81"	1.12"	.12"	4.45"	Y1MRTC (4) MY29-3 (2)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	Gray	8	1-3/16"	
YA4C2TC14	1			1/4"	5/8"	.50"	1.12"	.09"	2.70"	MY29-11 (2)							
YA4C2TC14E2	1			1/4"	3/4"	.50"	1.12"	.09"	2.83"	MRC840 (2)							
YA4C2TC38	1			3/8"	1"	.56"	1.12"	.08"	3.26"	Y644HS (1)							
YA3C2N	1			1/2"	1-3/4"	.81"	1.25"	.12"	4.62"	Y81KFT (1)							
YA3C2TC14	1	#3 Str.	25	1/4"	5/8"	.55"	1.25"	.09"	2.87"	Y81KFTMBH (1)	W3CRT (2)	W3CRT (2)	U3CRT (2)	White	9	1-5/16"	
YA3C2TC14E2	1	#3 AWG		1/4"	3/4"	.55"	1.25"	.09"	2.99"	PAT81KFT-18V (1)							
YA3C2TC38	1	#2 Sol.		3/8"	1"	.58"	1.25"	.08"	3.43"								
YA3C2TC38E2	1			3/8"	3/4"	.58"	1.25"	.08"	3.18"								

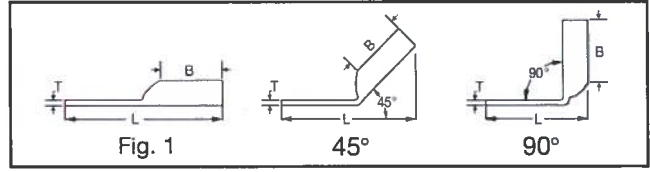
▲ See tooling section of this catalog for complete tool and die listings.
* Use PUADP-1 adaptor with U-dies in Y46 HYPRESS™.
** P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adaptor not required.

*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.
† The MM² conductor size listed here is for Class 2 and Class 5 conductor.

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

Blue highlighted items are industry standard and most frequently ordered.

**TWO HOLE HYLUG™
CODE CONDUCTOR
LONG BARREL**
(Continued)



C-37

UL Listed 90° C,
600 Volts to 35 kV ◆

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



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

▲ See tooling section of this catalog for complete tool and die listings.
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** P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adaptor not required.
*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.

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

Blue highlighted items are industry standard and most frequently ordered.

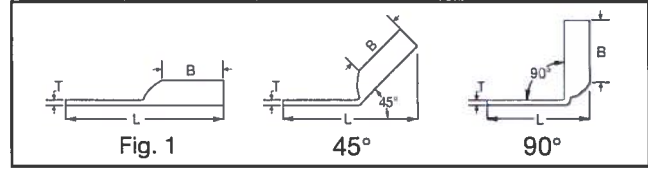
Compression Connections

BURNDY®

Copper Compression — Code — Long Barrel — No Inspection Window

C-38

TWO HOLE HYLUG™ CODE CONDUCTOR LONG BARREL (Continued)



UL Listed 90° C,
600 Volts to 35 kV ◆

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



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

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

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CLWS 1 HOLE LONG W/SIGHT

- Manufactured from high strength seamless copper tubing.
- Electro-Tin plated.
- Maximum conductivity and excellent crimping characteristics.
- Long barrel length with chamfered entry.
- Sight hole and chamfered barrel for visual inspection of proper cable insertion.
- Color Coded.
- UL 486A/B 90° C Listed and CSA Certified for 600 Volts.
- 1/0 AWG - 8 AWG UL467 Listed for grounding and bonding applications.
- Meets NEBS Level 3 requirements.
- If proper high voltage spacing and insulation techniques are used, may be used for high voltage applications up to 35KV.
- Expanded wire size with ILSCO dieless tools and Burndy Y644M dieless tool.
- For Copper Conductor only.
- Strand configurations:
- Copper - Class B concentric, Class B compressed, Class C concentric.
- IlSCO connectors are UL Listed and CSA Certified with ILSCO or other Manufacturers' tools.
- Refer to Tool and Die Charts under reference tab.
- UL File E6207



5

Narrow Criteria by
 Bolt/Stud Size: --Select--
 Conductor Size Filter: --Select--

Item ID	Conductor Size	Alternate Conductor Size	Expanded Conductor Range	Bolt/Stud Size	Mounting Hole Diameter	Tang Length	Tang Width	Barrel Length	Strip Length	Overall Length	Color Code	Die Index Number	Die Catalog Number	Outside Diameter	Inside Diameter	Standard Package Quantity	NAED/UPC Number
CLWS-8-10	#8 AWG	#8 FLEX		10	0.219	0.5620	0.3740	0.8120	0.8740	1.5690	RED	I-21	ILD-21	0.2720	0.1790	50	78366962755
CLWS-8-14	#8 AWG	#8 FLEX		1/4	0.281	0.6800	0.3740	0.8120	0.8740	1.6870	RED	I-21	ILD-21	0.2720	0.1790	50	78366962759
CLWS-8-38	#8 AWG	#8 FLEX		3/8	0.406	0.8750	0.3740	0.8120	0.8740	1.8820	RED	I-21	ILD-21	0.2720	0.1790	50	78366962767
CLWS-6-10	#6 AWG			10	0.219	0.5620	0.4110	1.1250	1.1870	1.8820	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366962891
CLWS-6-14	#6 AWG			1/4	0.281	0.6800	0.4110	1.1250	1.1870	2.0000	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366962895
CLWS-6-38	#6 AWG			3/8	0.406	0.8750	0.4110	1.1250	1.1870	2.1950	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366962903
CLWS-6-12	#6 AWG			1/2	0.562	1.2500	0.4110	1.1250	1.1870	2.5700	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366962907
CLWS-4-10	#4, AWG		4-6 AWG	10	0.219	0.5620	0.4860	1.1250	1.1870	1.9210	GRAY	I-29	ILD-29	0.3430	0.2500	50	78366963027
CLWS-4-14	#4, AWG		4-6 AWG	1/4	0.281	0.6800	0.4860	1.1250	1.1870	2.0390	GRAY	I-29	ILD-29	0.3430	0.2500	50	78366963031
CLWS-4-516	#4, AWG		4-6 AWG	5/16	0.343	0.8750	0.4860	1.1250	1.1870	2.2340	GRAY	I-29	ILD-29	0.3430	0.2500	50	78366963035
CLWS-4-38	#4, AWG		4-6 AWG	3/8	0.406	0.8750	0.4860	1.1250	1.1870	2.2340	GRAY	I-29	ILD-29	0.3430	0.2500	50	78366963039
CLWS-4-12	#4, AWG		4-6 AWG	1/2	0.562	1.2500	0.4860	1.1250	1.1870	2.6090	GRAY	I-29	ILD-29	0.3430	0.2500	50	78366963043
CLWS-3-10	#3 AWG	#4 FLEX	3-6 AWG	10	0.219	0.5620	0.5320	1.1250	1.1870	1.9420	WHITE	I-29	ILD-29	0.3750	0.2750	25	78366963163
CLWS-3-14	#3 AWG	#4 FLEX	3-6 AWG	1/4	0.281	0.6800	0.5320	1.1250	1.1870	2.0600	WHITE	I-29	ILD-29	0.3750	0.2750	25	78366963167
CLWS-3-516	#3 AWG	#4 FLEX	3-6 AWG	5/16	0.343	0.8750	0.5320	1.1250	1.1870	2.2550	WHITE	I-29	ILD-29	0.3750	0.2750	25	78366963171
CLWS-3-38	#3 AWG	#4 FLEX	3-6 AWG	3/8	0.406	0.8750	0.5320	1.1250	1.1870	2.2550	WHITE	I-29	ILD-29	0.3750	0.2750	25	78366963175
CLWS-3-12	#3 AWG	#4 FLEX	3-6 AWG	1/2	0.562	1.2500	0.5320	1.1250	1.1870	2.6300	WHITE	I-29	ILD-29	0.3750	0.2750	25	78366963179
CLWS-2-10	#2 AWG		2-6 AWG	10	0.219	0.5620	0.5990	1.1250	1.1870	1.9730	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366963295
CLWS-2-14	#2 AWG		2-6 AWG	1/4	0.281	0.6800	0.5990	1.1250	1.1870	2.0910	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366963299
CLWS-2-516	#2 AWG		2-6 AWG	5/16	0.343	0.8750	0.5990	1.1250	1.1870	2.2860	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366963303
CLWS-2-38	#2 AWG		2-6 AWG	3/8	0.406	0.8750	0.5990	1.1250	1.1870	2.2860	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366963307
CLWS-2-12	#2 AWG		2-6 AWG	1/2	0.562	1.2500	0.5990	1.1250	1.1870	2.6610	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366963311
CLWS-1-10	#1 AWG	#2 FLEX	1-6 AWG	10	0.219	0.5620	0.6730	1.3750	1.4370	2.2670	GREEN	I-37	ILD-37	0.4680	0.3590	10	78366963427
CLWS-1-14	#1 AWG	#2 FLEX	1-6 AWG	1/4	0.281	0.8750	0.6730	1.3750	1.4370	2.5800	GREEN	I-37	ILD-37	0.4680	0.3590	10	78366963431
CLWS-1-516	#1 AWG	#2 FLEX	1-6 AWG	5/16	0.343	0.8750	0.6730	1.3750	1.4370	2.5800	GREEN	I-37	ILD-37	0.4680	0.3590	10	78366963435
CLWS-1-38	#1 AWG	#2 FLEX	1-6 AWG	3/8	0.406	0.8750	0.6730	1.3750	1.4370	2.5800	GREEN	I-37	ILD-37	0.4680	0.3590	10	78366963439
CLWS-1-12	#1 AWG	#2 FLEX	1-6 AWG	1/2	0.562	1.2500	0.6730	1.3750	1.4370	2.9550	GREEN	I-37	ILD-37	0.4680	0.3590	10	78366963443
CLWS-1/0-10	1/0 AWG	#1 FLEX	1/0-6 AWG	10	0.219	0.5620	0.7380	1.5000	1.5620	2.4180	PINK	I-42	ILD-42	0.5150	0.3900	10	78366963559
CLWS-1/0-14	1/0 AWG	#1 FLEX	1/0-6 AWG	1/4	0.281	0.8750	0.7380	1.5000	1.5620	2.7310	PINK	I-42	ILD-42	0.5150	0.3900	10	78366963563
CLWS-1/0-516	1/0 AWG	#1 FLEX	1/0-6 AWG	5/16	0.343	0.8750	0.7380	1.5000	1.5620	2.7310	PINK	I-42	ILD-42	0.5150	0.3900	10	78366963567
CLWS-1/0-38	1/0 AWG	#1 FLEX	1/0-6 AWG	3/8	0.406	0.8750	0.7380	1.5000	1.5620	2.7310	PINK	I-42	ILD-42	0.5150	0.3900	10	78366963571
CLWS-1/0-12	1/0 AWG	#1 FLEX	1/0-6 AWG	1/2	0.562	1.2500	0.7380	1.5000	1.5620	3.1060	PINK	I-42	ILD-42	0.5150	0.3900	10	78366963575
CLWS-2/0-10	2/0 AWG	1/0 FLEX	2/0-4	10	0.219	0.5620	0.8110	1.5000	1.5620	2.4580	BLACK	I-45	ILD-45	0.5620	0.4370	10	78366963691

			AWG														
CLWS-2/0-14	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/4	0.281	0.8750	0.8110	1.5000	1.5620	2.7710	BLACK	I-45	ILD-45	0.5620	0.4370	10	78366963695
CLWS-2/0-516	2/0 AWG	1/0 FLEX	2/0-4 AWG	5/16	0.343	0.8750	0.8110	1.5000	1.5620	2.7710	BLACK	I-45	ILD-45	0.5620	0.4370	10	78366963699
CLWS-2/0-38	2/0 AWG	1/0 FLEX	2/0-4 AWG	3/8	0.406	0.8750	0.8110	1.5000	1.5620	2.7710	BLACK	I-45	ILD-45	0.5620	0.4370	10	78366963703
CLWS-2/0-12	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/2	0.562	1.2500	0.8110	1.5000	1.5620	3.1460	BLACK	I-45	ILD-45	0.5620	0.4370	10	78366963707
CLWS-3/0-10	3/0 AWG	2/0 FLEX	3/0-2 AWG	10	0.219	0.5620	0.8850	1.5000	1.5620	2.5010	ORANGE	I-50	ILD-50	0.6090	0.4840	10	78366963823
CLWS-3/0-14	3/0 AWG	2/0 FLEX	3/0-2 AWG	1/4	0.281	0.8750	0.8850	1.5000	1.5620	2.8140	ORANGE	I-50	ILD-50	0.6090	0.4840	10	78366963827
CLWS-3/0-516	3/0 AWG	2/0 FLEX	3/0-2 AWG	5/16	0.343	0.8750	0.8850	1.5000	1.5620	2.8140	ORANGE	I-50	ILD-50	0.6090	0.4840	10	78366963831
CLWS-3/0-38	3/0 AWG	2/0 FLEX	3/0-2 AWG	3/8	0.406	0.8750	0.8850	1.5000	1.5620	2.8140	ORANGE	I-50	ILD-50	0.6090	0.4840	10	78366963835
CLWS-3/0-12	3/0 AWG	2/0 FLEX	3/0-2 AWG	1/2	0.562	1.2500	0.8850	1.5000	1.5620	3.1890	ORANGE	I-50	ILD-50	0.6090	0.4840	10	78366963839
CLWS-4/0-14	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/4	0.281	0.8750	0.9990	1.5000	1.5620	2.8660	PURPLE	I-54	ILD-54	0.6870	0.5460	10	78366963955
CLWS-4/0-516	4/0 AWG	3/0 FLEX	4/0-1 AWG	5/16	0.343	0.8750	0.9990	1.5000	1.5620	2.8660	PURPLE	I-54	ILD-54	0.6870	0.5460	10	78366963959
CLWS-4/0-38	4/0 AWG	3/0 FLEX	4/0-1 AWG	3/8	0.406	0.8750	0.9990	1.5000	1.5620	2.8660	PURPLE	I-54	ILD-54	0.6870	0.5460	10	78366963963
CLWS-4/0-12	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/2	0.562	1.2500	0.9990	1.5000	1.5620	3.2410	PURPLE	I-54	ILD-54	0.6870	0.5460	10	78366963967
CLWS-250-516	250 kcmil	4/0 FLEX	250 kcmil - 1/0 AWG	5/16	0.343	0.8750	1.0880	1.6880	1.7500	3.0940	YELLOW	I-62	ILD-62	0.7500	0.5930	10	78366964067
CLWS-250-38	250 kcmil	4/0 FLEX	250 kcmil - 1/0 AWG	3/8	0.406	0.8750	1.0880	1.6880	1.7500	3.0940	YELLOW	I-62	ILD-62	0.7500	0.5930	10	78366964071
CLWS-250-12	250 kcmil	4/0 FLEX	250 kcmil - 1/0 AWG	1/2	0.562	1.2500	1.0880	1.6880	1.7500	3.4690	YELLOW	I-62	ILD-62	0.7500	0.5930	10	78366964075
CLWS-300-516	300 kcmil	250 G,H FLEX	300 kcmil - 2/0 AWG	5/16	0.343	0.8750	1.1890	2.0000	2.0620	3.4620	WHITE	I-66	ILD-66	0.8120	0.6600	10	78366964179
CLWS-300-38	300 kcmil	250 G,H FLEX	300 kcmil - 2/0 AWG	3/8	0.406	0.8750	1.1890	2.0000	2.0620	3.4620	WHITE	I-66	ILD-66	0.8120	0.6600	10	78366964183
CLWS-300-12	300 kcmil	250 G,H FLEX	300 kcmil - 2/0 AWG	1/2	0.562	1.2500	1.1890	2.0000	2.0620	3.8370	WHITE	I-66	ILD-66	0.8120	0.6600	10	78366964187
CLWS-350-38	350 kcmil	250 I,K,M FLEX 262.2 DLO	350 kcmil - 3/0 AWG	3/8	0.406	0.8750	1.2910	2.0000	2.0620	3.4980	RED	I-71	ILD-71	0.8900	0.7030	10	78366964295
CLWS-350-12	350 kcmil	250 I,K,M FLEX 262.2 DLO	350 kcmil - 3/0 AWG	1/2	0.562	1.2500	1.2910	2.0000	2.0620	3.8730	RED	I-71	ILD-71	0.8900	0.7030	10	78366964299
CLWS-350-58	350 kcmil	250 I,K,M FLEX 262.2 DLO	350 kcmil - 3/0 AWG	5/8	0.656	1.4370	1.2910	2.0000	2.0620	4.0600	RED	I-71	ILD-71	0.8900	0.7030	10	78366964303
CLWS-400-38	400 kcmil	300 G,H,I,K,M FLEX 313.1 DLO	400 kcmil - 4/0 AWG	3/8	0.406	0.8750	1.3650	2.1250	2.1870	3.6670	BLUE	I-76	ILD-76	0.9370	0.7500	6	78366964407
CLWS-400-12	400 kcmil	300 G,H,I,K,M FLEX 313.1 DLO	400 kcmil - 4/0 AWG	1/2	0.562	1.2500	1.3650	2.1250	2.1870	4.0420	BLUE	I-76	ILD-76	0.9370	0.7500	6	78366964411
CLWS-400-58	400 kcmil	300 G,H,I,K,M FLEX 313.1 DLO	400 kcmil - 4/0 AWG	5/8	0.656	1.4370	1.3650	2.1250	2.1870	4.2290	BLUE	I-76	ILD-76	0.9370	0.7500	6	78366964415
CLWS-500-38	500 kcmil	350 G,H,I,K,M FLEX 373.7 DLO	500 kcmil - 250 kcmil	3/8	0.406	0.8750	1.5350	2.2500	2.3120	3.8570	BROWN	I-87	ILD-87	1.0620	0.8280	6	78366964519
CLWS-500-12	500 kcmil	350 G,H,I,K,M FLEX 373.7 DLO	500 kcmil - 250 kcmil	1/2	0.562	1.2500	1.5350	2.2500	2.3120	4.2320	BROWN	I-87	ILD-87	1.0620	0.8280	6	78366964523
CLWS-500-58	500 kcmil	350 G,H,I,K,M FLEX 373.7 DLO	500 kcmil - 250 kcmil	5/8	0.656	1.4370	1.5350	2.2500	2.3120	4.4190	BROWN	I-87	ILD-87	1.0620	0.8280	6	78366964527
CLWS-600-38	600 kcmil	400 G,H,I,K,M FLEX 444.4 DLO	600 kcmil - 250 kcmil	3/8	0.406	0.8750	1.7120	2.6870	2.7490	4.3710	GREEN	I-94	ILD-94	1.1870	0.9200	6	78366964631
CLWS-600-12	600 kcmil	400 G,H,I,K,M FLEX 444.4 DLO	600 kcmil - 250 kcmil	1/2	0.562	1.2500	1.7120	2.6870	2.7490	4.7460	GREEN	I-94	ILD-94	1.1870	0.9200	6	78366964635



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- Refer to Tool and Die Charts under reference tab.
- UL File E6207



17

Narrow Criteria by
 Bolt/Stud Size: --Select--
 Conductor Size Filter: --Select--

Item ID	Conductor Size	Alternate Conductor Size	Expanded Conductor Range	Bolt/Stud Size	Mounting Hole Diameter	Tang Length	Tang Width	Barrel Length	Strip Length	Overall Length	Color Code	Die Index Number	Die Catalog Number	Outside Diameter	Inside Diameter	Standard Package Quantity	NAED/UPC Number
CSWS-8-10	#8 AWG	#8 FLEX		10	0.219	0.5620	0.3740	0.5000	0.5620	1.2570	RED	I-21	ILD-21	0.2720	0.1790	50	78366962757
CSWS-8-14	#8 AWG	#8 FLEX		1/4	0.281	0.6800	0.3740	0.5000	0.5620	1.3750	RED	I-21	ILD-21	0.2720	0.1790	50	78366962761
CSWS-8-516	#8 AWG	#8 FLEX		5/16	0.343	0.8750	0.3740	0.5000	0.5620	1.5700	RED	I-21	ILD-21	0.2720	0.1790	50	78366962765
CSWS-8-38	#8 AWG	#8 FLEX		3/8	0.406	0.8750	0.3740	0.5000	0.5620	1.5700	RED	I-21	ILD-21	0.2720	0.1790	50	78366962769
CSWS-8-12	#8 AWG	#8 FLEX		1/2	0.562	1.2500	0.3740	0.5000	0.5620	1.9450	RED	I-21	ILD-21	0.2720	0.1790	50	78366962773
CSWS-6-10	#6 AWG			10	0.219	0.5620	0.4110	0.5000	0.5620	1.2570	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366962893
CSWS-6-14	#6 AWG			1/4	0.281	0.6800	0.4110	0.5000	0.5620	1.3750	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366962897
CSWS-6-516	#6 AWG			5/16	0.343	0.8750	0.4110	0.5000	0.5620	1.5700	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366962901
CSWS-6-38	#6 AWG			3/8	0.406	0.8750	0.4110	0.5000	0.5620	1.5700	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366962905
CSWS-6-12	#6 AWG			1/2	0.562	1.2500	0.4110	0.5000	0.5620	1.9450	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366962909
CSWS-4-10	#4, AWG		4-6 AWG	10	0.219	0.5620	0.4860	0.5000	0.5620	1.2960	GRAY	I-29	ILD-29	0.3430	0.2500	50	78366963029
CSWS-4-14	#4, AWG		4-6 AWG	1/4	0.281	0.6800	0.4860	0.5000	0.5620	1.4140	GRAY	I-29	ILD-29	0.3430	0.2500	50	78366963033
CSWS-4-516	#4, AWG		4-6 AWG	5/16	0.343	0.8750	0.4860	0.5000	0.5620	1.6090	GRAY	I-29	ILD-29	0.3430	0.2500	50	78366963037
CSWS-4-38	#4, AWG		4-6 AWG	3/8	0.406	0.8750	0.4860	0.5000	0.5620	1.6090	GRAY	I-29	ILD-29	0.3430	0.2500	50	78366963041
CSWS-4-12	#4, AWG		4-6 AWG	1/2	0.562	1.2500	0.4860	0.5000	0.5620	1.9840	GRAY	I-29	ILD-29	0.3430	0.2500	50	78366963045
CSWS-3-10	#3 AWG	#4 FLEX		10	0.219	0.5620	0.5320	0.6250	0.6870	1.4420	WHITE	I-29	ILD-29	0.3750	0.2750	25	78366963165
CSWS-3-14	#3 AWG	#4 FLEX	3-6 AWG	1/4	0.281	0.6800	0.5320	0.6250	0.6870	1.5600	WHITE	I-29	ILD-29	0.3750	0.2750	25	78366963169
CSWS-3-516	#3 AWG	#4 FLEX	3-6 AWG	5/16	0.343	0.8750	0.5320	0.6250	0.6870	1.7550	WHITE	I-29	ILD-29	0.3750	0.2750	25	78366963173
CSWS-3-38	#3 AWG	#4 FLEX	3-6 AWG	3/8	0.406	0.8750	0.5320	0.6250	0.6870	1.7550	WHITE	I-29	ILD-29	0.3750	0.2750	25	78366963177
CSWS-3-12	#3 AWG	#4 FLEX	3-6 AWG	1/2	0.562	1.2500	0.5320	0.6250	0.6870	2.1300	WHITE	I-29	ILD-29	0.3750	0.2750	25	78366963181
CSWS-2-10	#2 AWG		2-6 AWG	10	0.219	0.5620	0.5990	0.6250	0.6870	1.4730	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366963297
CSWS-2-14	#2 AWG		2-6 AWG	1/4	0.281	0.6800	0.5990	0.6250	0.6870	1.5910	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366963301
CSWS-2-516	#2 AWG		2-6 AWG	5/16	0.343	0.8750	0.5990	0.6250	0.6870	1.7860	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366963305
CSWS-2-38	#2 AWG		2-6 AWG	3/8	0.406	0.8750	0.5990	0.6250	0.6870	1.7860	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366963309
CSWS-2-12	#2 AWG		2-6 AWG	1/2	0.562	1.2500	0.5990	0.6250	0.6870	2.1610	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366963313
CSWS-1-10	#1 AWG	#2 FLEX	1-6 AWG	10	0.219	0.5620	0.6730	0.6250	0.6870	1.5170	GREEN	I-37	ILD-37	0.4680	0.3590	10	78366963429
CSWS-1-14	#1 AWG	#2 FLEX	1-6 AWG	1/4	0.281	0.8750	0.6730	0.6250	0.6870	1.8300	GREEN	I-37	ILD-37	0.4680	0.3590	10	78366963433
CSWS-1-516	#1 AWG	#2 FLEX	1-6 AWG	5/16	0.343	0.8750	0.6730	0.6250	0.6870	1.8300	GREEN	I-37	ILD-37	0.4680	0.3590	10	78366963437
CSWS-1-38	#1 AWG	#2 FLEX	1-6 AWG	3/8	0.406	0.8750	0.6730	0.6250	0.6870	1.8300	GREEN	I-37	ILD-37	0.4680	0.3590	10	78366963441
CSWS-1-12	#1 AWG	#2 FLEX	1-6 AWG	1/2	0.562	1.2500	0.6730	0.6250	0.6870	2.2050	GREEN	I-37	ILD-37	0.4680	0.3590	10	78366963445
CSWS-1/0-10	1/0 AWG	#1 FLEX	1/0-6 AWG	10	0.219	0.5620	0.7380	0.7500	0.8120	1.6680	PINK	I-42	ILD-42	0.5150	0.3900	10	78366963561
CSWS-1/0-14	1/0 AWG	#1 FLEX	1/0-6 AWG	1/4	0.281	0.8750	0.7380	0.7500	0.8120	1.9810	PINK	I-42	ILD-42	0.5150	0.3900	10	78366963565
CSWS-1/0-516	1/0 AWG	#1 FLEX	1/0-6 AWG	5/16	0.343	0.8750	0.7380	0.7500	0.8120	1.9810	PINK	I-42	ILD-42	0.5150	0.3900	10	78366963569
CSWS-1/0-38	1/0 AWG	#1 FLEX	1/0-6 AWG	3/8	0.406	0.8750	0.7380	0.7500	0.8120	1.9810	PINK	I-42	ILD-42	0.5150	0.3900	10	78366963573

CSWS-1/0-12	1/0 AWG	#1 FLEX	1/0-6 AWG	1/2	0.562	1.2500	0.7380	0.7500	0.8120	2.3560	PINK	I-42	ILD-42	0.5150	0.3900	10	78366965120
CSWS-2/0-10	2/0 AWG	1/0 FLEX	2/0-4 AWG	10	0.219	0.5620	0.8110	0.7500	0.8120	1.7080	BLACK	I-45	ILD-45	0.5620	0.4370	10	78366963693
CSWS-2/0-14	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/4	0.281	0.8750	0.8110	0.7500	0.8120	2.0210	BLACK	I-45	ILD-45	0.5620	0.4370	10	78366963697
CSWS-2/0-516	2/0 AWG	1/0 FLEX	2/0-4 AWG	5/16	0.343	0.8750	0.8110	0.7500	0.8120	2.0210	BLACK	I-45	ILD-45	0.5620	0.4370	10	78366963701
CSWS-2/0-38	2/0 AWG	1/0 FLEX	2/0-4 AWG	3/8	0.406	0.8750	0.8110	0.7500	0.8120	2.0210	BLACK	I-45	ILD-45	0.5620	0.4370	10	78366963705
CSWS-2/0-12	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/2	0.562	1.2500	0.8110	0.7500	0.8120	2.3960	BLACK	I-45	ILD-45	0.5620	0.4370	10	78366963709
CSWS-2/0-34	2/0 AWG	1/0 FLEX	2/0-4 AWG	3/4	0.781	1.6870	0.8110	0.7500	0.8120	2.8330	BLACK	I-45	ILD-45	0.5620	0.4370	10	78366963717
CSWS-3/0-10	3/0 AWG	2/0 FLEX	3/0-2 AWG	10	0.219	0.5620	0.8850	0.7500	0.8120	1.7510	ORANGE	I-50	ILD-50	0.6090	0.4840	10	78366963825
CSWS-3/0-14	3/0 AWG	2/0 FLEX	3/0-2 AWG	1/4	0.281	0.8750	0.8850	0.7500	0.8120	2.0640	ORANGE	I-50	ILD-50	0.6090	0.4840	10	78366963829
CSWS-3/0-516	3/0 AWG	2/0 FLEX	3/0-2 AWG	5/16	0.343	0.8750	0.8850	0.7500	0.8120	2.0640	ORANGE	I-50	ILD-50	0.6090	0.4840	10	78366963833
CSWS-3/0-38	3/0 AWG	2/0 FLEX	3/0-2 AWG	3/8	0.406	0.8750	0.8850	0.7500	0.8120	2.0640	ORANGE	I-50	ILD-50	0.6090	0.4840	10	78366963837
CSWS-3/0-12	3/0 AWG	2/0 FLEX	3/0-2 AWG	1/2	0.562	1.2500	0.8850	0.7500	0.8120	2.4390	ORANGE	I-50	ILD-50	0.6090	0.4840	10	78366963841
CSWS-3/0-34	3/0 AWG	2/0 FLEX	3/0-2 AWG	3/4	0.781	1.6870	0.8850	0.7500	0.8120	2.8760	ORANGE	I-50	ILD-50	0.6090	0.4840	10	78366963849
CSWS-4/0-14	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/4	0.281	0.8750	0.9990	0.8750	0.9370	2.2410	PURPLE	I-54	ILD-54	0.6870	0.5460	10	78366963957
CSWS-4/0-516	4/0 AWG	3/0 FLEX	4/0-1 AWG	5/16	0.343	0.8750	0.9990	0.8750	0.9370	2.2410	PURPLE	I-54	ILD-54	0.6870	0.5460	10	78366963961
CSWS-4/0-38	4/0 AWG	3/0 FLEX	4/0-1 AWG	3/8	0.406	0.8750	0.9990	0.8750	0.9370	2.2410	PURPLE	I-54	ILD-54	0.6870	0.5460	10	78366963965
CSWS-4/0-12	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/2	0.562	1.2500	0.9990	0.8750	0.9370	2.6160	PURPLE	I-54	ILD-54	0.6870	0.5460	10	78366963969
CSWS-250-516	250 kcmil	4/0 FLEX	250 kcmil - 1/0 AWG	5/16	0.343	0.8750	1.0880	1.0630	1.1250	2.4690	YELLOW	I-62	ILD-62	0.7500	0.5930	10	78366964069
CSWS-250-38	250 kcmil	4/0 FLEX	250 kcmil - 1/0 AWG	3/8	0.406	0.8750	1.0880	1.0630	1.1250	2.4690	YELLOW	I-62	ILD-62	0.7500	0.5930	10	78366964073
CSWS-250-12	250 kcmil	4/0 FLEX	250 kcmil - 1/0 AWG	1/2	0.562	1.2500	1.0880	1.0630	1.1250	2.8440	YELLOW	I-62	ILD-62	0.7500	0.5930	10	78366964077
CSWS-300-516	300 kcmil	250 G,H FLEX	300 kcmil - 2/0 AWG	5/16	0.343	0.8750	1.1890	1.0630	1.1250	2.5250	WHITE	I-66	ILD-66	0.8120	0.6600	10	78366964181
CSWS-300-38	300 kcmil	250 G,H FLEX	300 kcmil - 2/0 AWG	3/8	0.406	0.8750	1.1890	1.0630	1.1250	2.5250	WHITE	I-66	ILD-66	0.8120	0.6600	10	78366964185
CSWS-300-12	300 kcmil	250 G,H FLEX	300 kcmil - 2/0 AWG	1/2	0.562	1.2500	1.1890	1.0630	1.1250	2.9000	WHITE	I-66	ILD-66	0.8120	0.6600	10	78366964189
CSWS-300-58	300 kcmil	250 G,H FLEX	300 kcmil - 2/0 AWG	5/8	0.656	1.4370	1.1890	1.0630	1.1250	3.0870	WHITE	I-66	ILD-66	0.8120	0.6600	10	78366964193
CSWS-350-14	350 kcmil	250 I,K,M FLEX 262.2 DLO	350 kcmil - 3/0 AWG	1/4	0.281	0.8750	1.2910	1.0630	1.1250	2.5610	RED	I-71	ILD-71	0.8900	0.7030	10	78366964289
CSWS-350-38	350 kcmil	250 I,K,M FLEX 262.2 DLO	350 kcmil - 3/0 AWG	3/8	0.406	0.8750	1.2910	1.0630	1.1250	2.5610	RED	I-71	ILD-71	0.8900	0.7030	10	78366964297
CSWS-350-12	350 kcmil	250 I,K,M FLEX 262.2 DLO	350 kcmil - 3/0 AWG	1/2	0.562	1.2500	1.2910	1.0630	1.1250	2.9360	RED	I-71	ILD-71	0.8900	0.7030	10	78366964301
CSWS-350-58	350 kcmil	250 I,K,M FLEX 262.2 DLO	350 kcmil - 3/0 AWG	5/8	0.656	1.4370	1.2910	1.0630	1.1250	3.1230	RED	I-71	ILD-71	0.8900	0.7030	10	78366964305
CSWS-400-38	400 kcmil	300 G,H,I,K,M FLEX 313.1 DLO	400 kcmil - 4/0 AWG	3/8	0.406	0.8750	1.3650	1.1880	1.2500	2.7300	BLUE	I-76	ILD-76	0.9370	0.7500	6	78366964409
CSWS-400-12	400 kcmil	300 G,H,I,K,M FLEX 313.1 DLO	400 kcmil - 4/0 AWG	1/2	0.562	1.2500	1.3650	1.1880	1.2500	3.1050	BLUE	I-76	ILD-76	0.9370	0.7500	6	78366964413
CSWS-400-58	400 kcmil	300 G,H,I,K,M FLEX 313.1 DLO	400 kcmil - 4/0 AWG	5/8	0.656	1.4370	1.3650	1.1880	1.2500	3.2920	BLUE	I-76	ILD-76	0.9370	0.7500	6	78366964417
CSWS-500-38	500 kcmil	350 G,H,I,K,M FLEX 373.7 DLO	500 kcmil - 250 kcmil	3/8	0.406	0.8750	1.5350	1.3000	1.3620	2.9070	BROWN	I-87	ILD-87	1.0620	0.8280	6	78366964521
CSWS-500-12	500 kcmil	350 G,H,I,K,M FLEX 373.7 DLO	500 kcmil - 250 kcmil	1/2	0.562	1.2500	1.5350	1.3000	1.3620	3.2820	BROWN	I-87	ILD-87	1.0620	0.8280	6	78366964525



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- Refer to Tool and Die Charts under reference tab.
- UL File E6207



2

Narrow Criteria by
 Bolt/Stud Size: --Select--
 Mounting Hole Spacing: --Select--
 Conductor Size Filter: --Select--

Item ID	Conductor Size	Alternate Conductor Size	Expanded Conductor Range	Bolt/Stud Size	Mounting Hole Diameter	Mounting Hole Spacing	Tang Length	Tang Width	Barrel Length	Strip Length	Overall Length	Color Code	Die Index Number	Die Catalog Number	Outside Diameter	Inside Diameter	Standard Package Quantity	NAED/UPC Number
CLWD-8-10-58	#8 AWG	#8 FLEX		10	0.219	5/8	1.2500	0.3740	0.8120	0.8740	2.2570	RED	I-21	ILD-21	0.2720	0.1790	50	78366962787
CLWD-8-10-34	#8 AWG	#8 FLEX		10	0.219	3/4	1.4370	0.3740	0.8120	0.8740	2.4440	RED	I-21	ILD-21	0.2720	0.1790	50	78366962795
CLWD-8-14-58	#8 AWG	#8 FLEX		1/4	0.281	5/8	1.4370	0.3740	0.8120	0.8740	2.4440	RED	I-21	ILD-21	0.2720	0.1790	50	78366962807
CLWD-8-14-34	#8 AWG	#8 FLEX		1/4	0.281	3/4	1.4370	0.3740	0.8120	0.8740	2.4440	RED	I-21	ILD-21	0.2720	0.1790	50	78366962811
CLWD-8-38-1	#8 AWG	#8 FLEX		3/8	0.406	1	1.9370	0.3740	0.8120	0.8740	2.9440	RED	I-21	ILD-21	0.2720	0.1790	50	78366962847
CLWD-6-10-12	#6 AWG			10	0.219	1/2	1.2500	0.4110	1.1250	1.1870	2.5700	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366962919
CLWD-6-10-58	#6 AWG			10	0.219	5/8	1.2500	0.4110	1.1250	1.1870	2.5700	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366962923
CLWD-6-10-1116	#6 AWG			10	0.219	11/16	1.2500	0.4110	1.1250	1.1870	2.5700	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366962927
CLWD-6-10-34	#6 AWG			10	0.219	3/4	1.4370	0.4110	1.1250	1.1870	2.7570	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366962931
CLWD-6-14-12	#6 AWG			1/4	0.281	1/2	1.2500	0.4110	1.1250	1.1870	2.5700	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366962939
CLWD-6-14-58	#6 AWG			1/4	0.281	5/8	1.4370	0.4110	1.1250	1.1870	2.7570	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366962943
CLWD-6-14-34	#6 AWG			1/4	0.281	3/4	1.4370	0.4110	1.1250	1.1870	2.7570	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366962947
CLWD-6-14-1	#6 AWG			1/4	0.281	1	1.6870	0.4110	1.1250	1.1870	3.0070	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366962951
CLWD-6-516-1	#6 AWG			5/16	0.343	1	1.9370	0.4110	1.1250	1.1870	3.2570	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366962967
CLWD-6-38-34	#6 AWG			3/8	0.406	3/4	1.6870	0.4110	1.1250	1.1870	3.0070	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366962975
CLWD-6-38-78	#6 AWG			3/8	0.406	7/8	1.9370	0.4110	1.1250	1.1870	3.2570	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366962979
CLWD-6-38-1	#6 AWG			3/8	0.406	1	1.9370	0.4110	1.1250	1.1870	3.2570	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366962983
CLWD-6-12-134	#6 AWG			1/2	0.562	1-3/4	3.0000	0.4110	1.1250	1.1870	4.3200	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366963015
CLWD-4-10-58	#4, AWG		4-6 AWG	10	0.219	5/8	1.2500	0.4860	1.1250	1.1870	2.6090	GRAY	I-29	ILD-29	0.3430	0.2500	50	78366963059
CLWD-4-10-34	#4, AWG		4-6 AWG	10	0.219	3/4	1.4370	0.4860	1.1250	1.1870	2.7960	GRAY	I-29	ILD-29	0.3430	0.2500	50	78366963067
CLWD-4-10-1	#4, AWG		4-6 AWG	10	0.219	1	1.6870	0.4860	1.1250	1.1870	3.0460	GRAY	I-29	ILD-29	0.3430	0.2500	50	78366963071
CLWD-4-14-58	#4, AWG		4-6 AWG	1/4	0.281	5/8	1.4370	0.4860	1.1250	1.1870	2.7960	GRAY	I-29	ILD-29	0.3430	0.2500	50	78366963079
CLWD-4-14-34	#4, AWG		4-6 AWG	1/4	0.281	3/4	1.4370	0.4860	1.1250	1.1870	2.7960	GRAY	I-29	ILD-29	0.3430	0.2500	50	78366963083
CLWD-4-14-1	#4, AWG		4-6 AWG	1/4	0.281	1	1.6870	0.4860	1.1250	1.1870	3.0460	GRAY	I-29	ILD-29	0.3430	0.2500	50	78366963087
CLWD-4-516-58	#4, AWG		4-6 AWG	5/16	0.343	5/8	1.4370	0.4860	1.1250	1.1870	2.7960	GRAY	I-29	ILD-29	0.3430	0.2500	50	78366963091
CLWD-4-516-34	#4, AWG		4-6 AWG	5/16	0.343	3/4	1.6870	0.4860	1.1250	1.1870	3.0460	GRAY	I-29	ILD-29	0.3430	0.2500	50	78366963095
CLWD-4-516-1	#4, AWG		4-6 AWG	5/16	0.343	1	1.9370	0.4860	1.1250	1.1870	3.2960	GRAY	I-29	ILD-29	0.3430	0.2500	50	78366963103
CLWD-4-38-34	#4, AWG		4-6 AWG	3/8	0.406	3/4	1.6870	0.4860	1.1250	1.1870	3.0460	GRAY	I-29	ILD-29	0.3430	0.2500	50	78366963111
CLWD-4-38-1	#4, AWG		4-6 AWG	3/8	0.406	1	1.9370	0.4860	1.1250	1.1870	3.2960	GRAY	I-29	ILD-29	0.3430	0.2500	50	78366963119
CLWD-4-12-134	#4, AWG		4-6 AWG	1/2	0.562	1-3/4	3.0000	0.4860	1.1250	1.1870	4.3590	GRAY	I-29	ILD-29	0.3430	0.2500	50	78366963151
CLWD-3-14-58	#3 AWG	#4 FLEX	3-6 AWG	1/4	0.281	5/8	1.4370	0.5320	1.1250	1.1870	2.8170	WHITE	I-29	ILD-29	0.3750	0.2750	25	78366963215
CLWD-3-14-34	#3 AWG	#4 FLEX	3-6 AWG	1/4	0.281	3/4	1.4370	0.5320	1.1250	1.1870	2.8170	WHITE	I-29	ILD-29	0.3750	0.2750	25	78366963219
CLWD-3-14-1	#3 AWG	#4 FLEX	3-6 AWG	1/4	0.281	1	1.6870	0.5320	1.1250	1.1870	3.0670	WHITE	I-29	ILD-29	0.3750	0.2750	25	78366963223
CLWD-3-516-58	#3 AWG	#4 FLEX	3-6 AWG	5/16	0.343	5/8	1.4370	0.5320	1.1250	1.1870	2.8170	WHITE	I-29	ILD-29	0.3750	0.2750	25	78366963227
CLWD-3-516-1	#3 AWG	#4 FLEX	3-6 AWG	5/16	0.343	1	1.9370	0.5320	1.1250	1.1870	3.3170	WHITE	I-29	ILD-29	0.3750	0.2750	25	78366963239
CLWD-3-38-34	#3 AWG	#4 FLEX	3-6 AWG	3/8	0.406	3/4	1.6870	0.5320	1.1250	1.1870	3.0670	WHITE	I-29	ILD-29	0.3750	0.2750	25	78366963247
CLWD-3-38-1	#3 AWG	#4 FLEX	3-6 AWG	3/8	0.406	1	1.9370	0.5320	1.1250	1.1870	3.3170	WHITE	I-29	ILD-29	0.3750	0.2750	25	78366963255
CLWD-3-12-134	#3 AWG	#4 FLEX	3-6 AWG	1/2	0.562	1-3/4	3.0000	0.5320	1.1250	1.1870	4.3800	WHITE	I-29	ILD-29	0.3750	0.2750	25	78366963287
CLWD-2-10-34	#2 AWG		2-6 AWG	10	0.219	3/4	1.4370	0.5990	1.1250	1.1870	2.8480	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366963335
CLWD-2-14-58	#2 AWG		2-6 AWG	1/4	0.281	5/8	1.4370	0.5990	1.1250	1.1870	2.8480	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366963347
CLWD-2-14-34	#2 AWG		2-6 AWG	1/4	0.281	3/4	1.4370	0.5990	1.1250	1.1870	2.8480	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366963351

CLWD-2-14-1	#2 AWG		2-6 AWG	1/4	0.281	1	1.6870	0.5990	1.1250	1.1870	3.0980	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366963355
CLWD-2-516-58	#2 AWG		2-6 AWG	5/16	0.343	5/8	1.4370	0.5990	1.1250	1.1870	2.8480	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366963359
CLWD-2-516-34	#2 AWG		2-6 AWG	5/16	0.343	3/4	1.6870	0.5990	1.1250	1.1870	3.0980	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366963363
CLWD-2-516-1	#2 AWG		2-6 AWG	5/16	0.343	1	1.9370	0.5990	1.1250	1.1870	3.3480	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366963371
CLWD-2-38-58	#2 AWG		2-6 AWG	3/8	.406	5/8	1.6870	0.5990	1.1250	1.1870	3.0980	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366965121
CLWD-2-38-34	#2 AWG		2-6 AWG	3/8	0.406	3/4	1.6870	0.5990	1.1250	1.1870	3.0980	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366963379
CLWD-2-38-78	#2 AWG		2-6 AWG	3/8	0.406	7/8	1.9370	0.5990	1.1250	1.1870	3.3480	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366963383
CLWD-2-38-1	#2 AWG		2-6 AWG	3/8	0.406	1	1.9370	0.5990	1.1250	1.1870	3.3480	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366963387
CLWD-2-38-134	#2 AWG		2-6 AWG	3/8	0.406	1-3/4	2.6250	0.5990	1.1250	1.1870	4.0360	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366963399
CLWD-2-12-134	#2 AWG		2-6 AWG	1/2	0.562	1-3/4	3.0000	0.5990	1.1250	1.1870	4.4110	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366963419
CLWD-1-14-58	#1 AWG	#2 FLEX	1-6 AWG	1/4	0.281	5/8	1.4370	0.6730	1.3750	1.4370	3.1420	GREEN	I-37	ILD-37	0.4680	0.3590	10	78366963479
CLWD-1-14-34	#1 AWG	#2 FLEX	1-6 AWG	1/4	0.281	3/4	1.4370	0.6730	1.3750	1.4370	3.1420	GREEN	I-37	ILD-37	0.4680	0.3590	10	78366963483
CLWD-1-14-1	#1 AWG	#2 FLEX	1-6 AWG	1/4	0.281	1	1.6870	0.6730	1.3750	1.4370	3.3920	GREEN	I-37	ILD-37	0.4680	0.3590	10	78366963487
CLWD-1-516-78	#1 AWG	#2 FLEX	1-6 AWG	5/16	0.343	7/8	1.6870	0.6730	1.3750	1.4370	3.3920	GREEN	I-37	ILD-37	0.4680	0.3590	10	78366963499
CLWD-1-516-1	#1 AWG	#2 FLEX	1-6 AWG	5/16	0.343	1	1.9370	0.6730	1.3750	1.4370	3.6420	GREEN	I-37	ILD-37	0.4680	0.3590	10	78366963503
CLWD-1-38-1	#1 AWG	#2 FLEX	1-6 AWG	3/8	0.406	1	1.9370	0.6730	1.3750	1.4370	3.6420	GREEN	I-37	ILD-37	0.4680	0.3590	10	78366963519
CLWD-1-12-134	#1 AWG	#2 FLEX	1-6 AWG	1/2	0.562	1-3/4	3.0000	0.6730	1.3750	1.4370	4.7050	GREEN	I-37	ILD-37	0.4680	0.3590	10	78366963551
CLWD-1/0-14-58	1/0 AWG	#1 FLEX	1/0-6 AWG	1/4	0.281	5/8	1.4370	0.7380	1.5000	1.5620	3.2930	PINK	I-42	ILD-42	0.5150	0.3900	10	78366963611
CLWD-1/0-14-34	1/0 AWG	#1 FLEX	1/0-6 AWG	1/4	0.281	3/4	1.4370	0.7380	1.5000	1.5620	3.2930	PINK	I-42	ILD-42	0.5150	0.3900	10	78366963615
CLWD-1/0-14-1	1/0 AWG	#1 FLEX	1/0-6 AWG	1/4	0.281	1	1.6870	0.7380	1.5000	1.5620	3.5430	PINK	I-42	ILD-42	0.5150	0.3900	10	78366963619
CLWD-1/0-516-34	1/0 AWG	#1 FLEX	1/0-6 AWG	5/16	0.343	3/4	1.6870	0.7380	1.5000	1.5620	3.5430	PINK	I-42	ILD-42	0.5150	0.3900	10	78366963627
CLWD-1/0-516-78	1/0 AWG	#1 FLEX	1/0-6 AWG	5/16	0.343	7/8	1.6870	0.7380	1.5000	1.5620	3.5430	PINK	I-42	ILD-42	0.5150	0.3900	10	78366963631
CLWD-1/0-516-1	1/0 AWG	#1 FLEX	1/0-6 AWG	5/16	0.343	1	1.9370	0.7380	1.5000	1.5620	3.7930	PINK	I-42	ILD-42	0.5150	0.3900	10	78366963635
CLWD-1/0-38-34	1/0 AWG	#1 FLEX	1/0-6 AWG	3/8	0.406	3/4	1.6870	0.7380	1.5000	1.5620	3.5430	PINK	I-42	ILD-42	0.5150	0.3900	10	78366963643
CLWD-1/0-38-1	1/0 AWG	#1 FLEX	1/0-6 AWG	3/8	0.406	1	1.9370	0.7380	1.5000	1.5620	3.7930	PINK	I-42	ILD-42	0.5150	0.3900	10	78366963651
CLWD-1/0-38-134	1/0 AWG	#1 FLEX	1/0-6 AWG	3/8	0.406	1-3/4	2.6250	0.7380	1.5000	1.5620	4.4810	PINK	I-42	ILD-42	0.5150	0.3900	10	78366963663
CLWD-1/0-12-1	1/0 AWG	#1 FLEX	1/0-6 AWG	1/2	0.562	1	2.1250	0.7380	1.5000	1.5620	3.9810	PINK	I-42	ILD-42	0.5150	0.3900	10	78366963671
CLWD-1/0-12-134	1/0 AWG	#1 FLEX	1/0-6 AWG	1/2	0.562	1-3/4	3.0000	0.7380	1.5000	1.5620	4.8560	PINK	I-42	ILD-42	0.5150	0.3900	10	78366963683
CLWD-2/0-14-58	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/4	0.281	5/8	1.4370	0.8110	1.5000	1.5620	3.3330	BLACK	I-45	ILD-45	0.5620	0.4370	10	78366963743
CLWD-2/0-14-34	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/4	0.281	3/4	1.4370	0.8110	1.5000	1.5620	3.3330	BLACK	I-45	ILD-45	0.5620	0.4370	10	78366963747
CLWD-2/0-14-1	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/4	0.281	1	1.6870	0.8110	1.5000	1.5620	3.5830	BLACK	I-45	ILD-45	0.5620	0.4370	10	78366963751
CLWD-2/0-516-1	2/0 AWG	1/0 FLEX	2/0-4 AWG	5/16	0.343	1	1.9370	0.8110	1.5000	1.5620	3.8330	BLACK	I-45	ILD-45	0.5620	0.4370	10	78366963767
CLWD-2/0-38-1	2/0 AWG	1/0 FLEX	2/0-4 AWG	3/8	0.406	1	1.9370	0.8110	1.5000	1.5620	3.8330	BLACK	I-45	ILD-45	0.5620	0.4370	10	78366963783
CLWD-2/0-38-134	2/0 AWG	1/0 FLEX	2/0-4 AWG	3/8	0.406	1-3/4	2.6250	0.8110	1.5000	1.5620	4.5210	BLACK	I-45	ILD-45	0.5620	0.4370	10	78366963795
CLWD-2/0-12-1	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/2	0.562	1	2.1250	0.8110	1.5000	1.5620	4.0210	BLACK	I-45	ILD-45	0.5620	0.4370	10	78366963803
CLWD-2/0-12-134	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/2	0.562	1-3/4	3.0000	0.8110	1.5000	1.5620	4.8960	BLACK	I-45	ILD-45	0.5620	0.4370	10	78366963815
CLWD-3/0-14-58	3/0 AWG	2/0 FLEX	3/0-2 AWG	1/4	0.281	5/8	1.4370	0.8850	1.5000	1.5620	3.3760	ORANGE	I-50	ILD-50	0.6090	0.4840	10	78366963875
CLWD-3/0-14-34	3/0 AWG	2/0 FLEX	3/0-2 AWG	1/4	0.281	3/4	1.4370	0.8850	1.5000	1.5620	3.3760	ORANGE	I-50	ILD-50	0.6090	0.4840	10	78366963879
CLWD-3/0-516-1	3/0 AWG	2/0 FLEX	3/0-2 AWG	5/16	0.343	1	1.9370	0.8850	1.5000	1.5620	3.8760	ORANGE	I-50	ILD-50	0.6090	0.4840	10	78366963899
CLWD-3/0-38-1	3/0 AWG	2/0 FLEX	3/0-2 AWG	3/8	0.406	1	1.9370	0.8850	1.5000	1.5620	3.8760	ORANGE	I-50	ILD-50	0.6090	0.4840	10	78366963915
CLWD-3/0-12-134	3/0 AWG	2/0 FLEX	3/0-2 AWG	1/2	0.562	1-3/4	3.0000	0.8850	1.5000	1.5620	4.9390	ORANGE	I-50	ILD-50	0.6090	0.4840	10	78366963947
CLWD-4/0-14-58	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/4	0.281	5/8	1.4370	0.9990	1.5000	1.5620	3.4280	PURPLE	I-54	ILD-54	0.6870	0.5460	10	78366963983
CLWD-4/0-14-34	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/4	0.281	3/4	1.4370	0.9990	1.5000	1.5620	3.4280	PURPLE	I-54	ILD-54	0.6870	0.5460	10	78366963987
CLWD-4/0-14-1	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/4	0.281	1	1.6870	0.9990	1.5000	1.5620	3.6780	PURPLE	I-54	ILD-54	0.6870	0.5460	10	78366963991
CLWD-4/0-516-34	4/0 AWG	3/0 FLEX	4/0-1 AWG	5/16	0.343	3/4	1.6870	0.9990	1.5000	1.5620	3.6780	PURPLE	I-54	ILD-54	0.6870	0.5460	10	78366963999
CLWD-4/0-516-1	4/0 AWG	3/0 FLEX	4/0-1 AWG	5/16	0.343	1	1.9370	0.9990	1.5000	1.5620	3.9280	PURPLE	I-54	ILD-54	0.6870	0.5460	10	78366964007
CLWD-4/0-516-134	4/0 AWG	3/0 FLEX	4/0-1 AWG	5/16	0.343	1-3/4	2.5000	0.9990	1.5000	1.5620	4.4910	PURPLE	I-54	ILD-54	0.6870	0.5460	10	78366964011
CLWD-4/0-38-1	4/0 AWG	3/0 FLEX	4/0-1 AWG	3/8	0.406	1	1.9370	0.9990	1.5000	1.5620	3.9280	PURPLE	I-54	ILD-54	0.6870	0.5460	10	78366964023
CLWD-4/0-38-134	4/0 AWG	3/0 FLEX	4/0-1 AWG	3/8	0.406	1-3/4	2.6250	0.9990	1.5000	1.5620	4.6160	PURPLE	I-54	ILD-54	0.6870	0.5460	10	78366964035
CLWD-4/0-12-1	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/2	0.562	1	2.1250	0.9990	1.5000	1.5620	4.1160	PURPLE	I-54	ILD-54	0.6870	0.5460	10	78366964043
CLWD-4/0-12-114	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/2	0.562	1-1/4	2.5000	0.9990	1.5000	1.5620	4.4910	PURPLE	I-54	ILD-54	0.6870	0.5460	10	78366964047
CLWD-4/0-12-134	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/2	0.562	1-3/4	3.0000	0.9990	1.5000	1.5620	4.9910	PURPLE	I-54	ILD-54	0.6870	0.5460	10	78366964055
CLWD-250-14-34	250 kcmil	4/0 FLEX	250 kcmil - 1/0 AWG	1/4	0.281	3/4	1.4370	1.0880	1.6880	1.7500	3.6560	YELLOW	I-62	ILD-62	0.7500	0.5930	10	78366964099
CLWD-250-38-1	250 kcmil	4/0 FLEX	250 kcmil - 1/0 AWG	3/8	0.406	1	1.9370	1.0880	1.6880	1.7500	4.1560	YELLOW	I-62	ILD-62	0.7500	0.5930	10	78366964135



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CSWD 2 HOLE SHORT W/SIGHT

- Manufactured from high strength seamless copper tubing.
- Electro-Tin plated.
- Maximum conductivity and excellent crimping characteristics.
- Standard barrel length with chamfered entry.
- Sight hole and chamfered barrel for visual inspection of proper cable insertion.
- Color Coded.
- UL 486A/B 90° C Listed and CSA Certified for 600 Volts.
- 1/0 AWG - 8 AWG UL467 Listed for grounding and bonding applications.
- Meets NEBS Level 3 requirements.
- If proper high voltage spacing and insulation techniques are used, may be used for high voltage applications up to 35KV.
- Expanded wire size with ILSCO dieless tools and Burndy Y644M dieless tool.
- For Copper Conductor only.
- Strand configurations:
 - Copper - Class B concentric, Class B compressed, Class C concentric.
- IlSCO connectors are UL Listed and CSA Certified with ILSCO or other Manufacturers' tools.
- Refer to Tool and Die Charts under reference tab.
- UL File E6207



2

Narrow Criteria by
 Bolt/Stud Size: --Select--
 Mounting Hole Spacing: --Select--
 Conductor Size Filter: --Select--

Item ID	Conductor Size	Alternate Conductor Size	Expanded Conductor Range	Bolt/Stud Size	Mounting Hole Diameter	Mounting Hole Spacing	Tang Length	Tang Width	Barrel Length	Strip Length	Overall Length	Color Code	Die Index Number	Die Catalog Number	Outside Diameter	Inside Diameter	Standard Package Quantity	NAED/UPC Number
CSWD-8-10-58	#8 AWG	#8 FLEX		10	0.219	5/8	1.2500	0.3740	0.5000	0.5620	1.9450	RED	I-21	ILD-21	0.2720	0.1790	50	78366962789
CSWD-8-10-34	#8 AWG	#8 FLEX		10	0.219	3/4	1.4370	0.3740	0.5000	0.5620	2.1320	RED	I-21	ILD-21	0.2720	0.1790	50	78366962797
CSWD-8-14-58	#8 AWG	#8 FLEX		1/4	0.281	5/8	1.4370	0.3740	0.5000	0.5620	2.1320	RED	I-21	ILD-21	0.2720	0.1790	50	78366962809
CSWD-8-14-34	#8 AWG	#8 FLEX		1/4	0.281	3/4	1.4370	0.3740	0.5000	0.5620	2.1320	RED	I-21	ILD-21	0.2720	0.1790	50	78366962813
CSWD-8-14-1	#8 AWG	#8 FLEX		1/4	0.281	1	1.6870	0.3740	0.5000	0.5620	2.3820	RED	I-21	ILD-21	0.2720	0.1790	50	78366962817
CSWD-8-38-1	#8 AWG	#8 FLEX		3/8	0.406	1	1.9370	0.3740	0.5000	0.5620	2.6320	RED	I-21	ILD-21	0.2720	0.1790	50	78366962849
CSWD-8-12-134	#8 AWG	#8 FLEX		1/2	0.562	1-3/4	3.0000	0.3740	0.5000	0.5620	3.6950	RED	I-21	ILD-21	0.2720	0.1790	50	78366962881
CSWD-6-10-12	#6 AWG			10	0.219	1/2	1.2500	0.4110	0.5000	0.5620	1.9450	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366962921
CSWD-6-10-58	#6 AWG			10	0.219	5/8	1.2500	0.4110	0.5000	0.5620	1.9450	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366962925
CSWD-6-10-1116	#6 AWG			10	0.219	11/16	1.2500	0.4110	0.5000	0.5620	1.9450	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366962929
CSWD-6-10-34	#6 AWG			10	0.219	3/4	1.4370	0.4110	0.5000	0.5620	2.1320	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366962933
CSWD-6-14-12	#6 AWG			1/4	0.281	1/2	1.2500	0.4110	0.5000	0.5620	1.9450	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366962941
CSWD-6-14-58	#6 AWG			1/4	0.281	5/8	1.4370	0.4110	0.5000	0.5620	2.1320	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366962945
CSWD-6-14-34	#6 AWG			1/4	0.281	3/4	1.4370	0.4110	0.5000	0.5620	2.1320	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366962949
CSWD-6-14-1	#6 AWG			1/4	0.281	1	1.6870	0.4110	0.5000	0.5620	2.3820	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366962953
CSWD-6-516-34	#6 AWG			5/16	0.343	3/4	1.6870	0.4110	0.5000	0.5620	2.3820	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366962961
CSWD-6-516-1	#6 AWG			5/16	0.343	1	1.9370	0.4110	0.5000	0.5620	2.6320	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366962969
CSWD-6-38-1	#6 AWG			3/8	0.406	1	1.9370	0.4110	0.5000	0.5620	2.6320	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366962985
CSWD-6-12-134	#6 AWG			1/2	0.562	1-3/4	3.0000	0.4110	0.5000	0.5620	3.6950	BLUE	I-24	ILD-24	0.2950	0.2030	50	78366963017
CSWD-4-10-58	#4, AWG		4-6 AWG	10	0.219	5/8	1.2500	0.4860	0.5000	0.5620	1.9840	GRAY	I-29	ILD-29	0.3430	0.2500	50	78366963061
CSWD-4-10-34	#4, AWG		4-6 AWG	10	0.219	3/4	1.4370	0.4860	0.5000	0.5620	2.1710	GRAY	I-29	ILD-29	0.3430	0.2500	50	78366963069
CSWD-4-10-1	#4, AWG		4-6 AWG	10	0.219	1	1.6870	0.4860	0.5000	0.5620	2.4210	GRAY	I-29	ILD-29	0.3430	0.2500	50	78366963073
CSWD-4-14-58	#4, AWG		4-6 AWG	1/4	0.281	5/8	1.4370	0.4860	0.5000	0.5620	2.1710	GRAY	I-29	ILD-29	0.3430	0.2500	50	78366963081
CSWD-4-14-34	#4, AWG		4-6 AWG	1/4	0.281	3/4	1.4370	0.4860	0.5000	0.5620	2.1710	GRAY	I-29	ILD-29	0.3430	0.2500	50	78366963085
CSWD-4-14-1	#4, AWG		4-6 AWG	1/4	0.281	1	1.6870	0.4860	0.5000	0.5620	2.4210	GRAY	I-29	ILD-29	0.3430	0.2500	50	78366963089
CSWD-4-38-1	#4, AWG		4-6 AWG	3/8	0.406	1	1.9370	0.4860	0.5000	0.5620	2.6710	GRAY	I-29	ILD-29	0.3430	0.2500	50	78366963121
CSWD-4-12-134	#4, AWG		4-6 AWG	1/2	0.562	1-3/4	3.0000	0.4860	0.5000	0.5620	3.7340	GRAY	I-29	ILD-29	0.3430	0.2500	50	78366963153
CSWD-3-14-58	#3 AWG	#4 FLEX	3-6 AWG	1/4	0.281	5/8	1.4370	0.5320	0.6250	0.6870	2.3170	WHITE	I-29	ILD-29	0.3750	0.2750	25	78366963217
CSWD-3-14-34	#3 AWG	#4 FLEX	3-6 AWG	1/4	0.281	3/4	1.4370	0.5320	0.6250	0.6870	2.3170	WHITE	I-29	ILD-29	0.3750	0.2750	25	78366963221
CSWD-3-516-1	#3 AWG	#4 FLEX	3-6 AWG	5/16	0.343	1	1.9370	0.5320	0.6250	0.6870	2.8170	WHITE	I-29	ILD-29	0.3750	0.2750	25	78366963241
CSWD-3-38-1	#3 AWG	#4 FLEX	3-6 AWG	3/8	0.406	1	1.9370	0.5320	0.6250	0.6870	2.8170	WHITE	I-29	ILD-29	0.3750	0.2750	25	78366963257
CSWD-2-10-34	#2 AWG		2-6 AWG	10	0.219	3/4	1.4370	0.5990	0.6250	0.6870	2.3480	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366963337
CSWD-2-14-58	#2 AWG		2-6 AWG	1/4	0.281	5/8	1.4370	0.5990	0.6250	0.6870	2.3480	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366963349
CSWD-2-14-34	#2 AWG		2-6 AWG	1/4	0.281	3/4	1.4370	0.5990	0.6250	0.6870	2.3480	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366963353
CSWD-2-14-1	#2 AWG		2-6 AWG	1/4	0.281	1	1.6870	0.5990	0.6250	0.6870	2.5980	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366963357
CSWD-2-516-34	#2 AWG		2-6 AWG	5/16	0.343	3/4	1.6870	0.5990	0.6250	0.6870	2.5980	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366963365
CSWD-2-516-1	#2 AWG		2-6 AWG	5/16	0.343	1	1.9370	0.5990	0.6250	0.6870	2.8480	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366963373
CSWD-2-38-34	#2 AWG		2-6 AWG	3/8	0.406	3/4	1.6870	0.5990	0.6250	0.6870	2.5980	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366963381
CSWD-2-38-78	#2 AWG		2-6 AWG	3/8	0.406	7/8	1.9370	0.5990	0.6250	0.6870	2.8480	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366963385
CSWD-2-38-1	#2 AWG		2-6 AWG	3/8	0.406	1	1.9370	0.5990	0.6250	0.6870	2.8480	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366963389
CSWD-2-38-134	#2 AWG		2-6 AWG	3/8	0.406	1-3/4	2.6250	0.5990	0.6250	0.6870	3.5360	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366963401
CSWD-2-12-134	#2 AWG		2-6 AWG	1/2	0.562	1-3/4	3.0000	0.5990	0.6250	0.6870	3.9110	BROWN	I-33	ILD-33	0.4210	0.3120	25	78366963421

CSWD-1-14-58	#1 AWG	#2 FLEX	1-6 AWG	1/4	0.281	5/8	1.4370	0.6730	0.6250	0.6870	2.3920	GREEN	I-37	ILD-37	0.4680	0.3590	10	78366963481
CSWD-1-14-34	#1 AWG	#2 FLEX	1-6 AWG	1/4	0.281	3/4	1.4370	0.6730	0.6250	0.6870	2.3920	GREEN	I-37	ILD-37	0.4680	0.3590	10	78366963485
CSWD-1-14-1	#1 AWG	#2 FLEX	1-6 AWG	1/4	0.281	1	1.6870	0.6730	0.6250	0.6870	2.6420	GREEN	I-37	ILD-37	0.4680	0.3590	10	78366963489
CSWD-1-516-78	#1 AWG	#2 FLEX	1-6 AWG	5/16	0.343	7/8	1.6870	0.6730	0.6250	0.6870	2.6420	GREEN	I-37	ILD-37	0.4680	0.3590	10	78366963501
CSWD-1-516-1	#1 AWG	#2 FLEX	1-6 AWG	5/16	0.343	1	1.9370	0.6730	0.6250	0.6870	2.8920	GREEN	I-37	ILD-37	0.4680	0.3590	10	78366963505
CSWD-1-38-1	#1 AWG	#2 FLEX	1-6 AWG	3/8	0.406	1	1.9370	0.6730	0.6250	0.6870	2.8920	GREEN	I-37	ILD-37	0.4680	0.3590	10	78366963521
CSWD-1-12-134	#1 AWG	#2 FLEX	1-6 AWG	1/2	0.562	1-3/4	3.0000	0.6730	0.6250	0.6870	3.9550	GREEN	I-37	ILD-37	0.4680	0.3590	10	78366963553
CSWD-1/0-14-58	1/0 AWG	#1 FLEX	1/0-6 AWG	1/4	0.281	5/8	1.4370	0.7380	0.7500	0.8120	2.5430	PINK	I-42	ILD-42	0.5150	0.3900	10	78366963613
CSWD-1/0-14-34	1/0 AWG	#1 FLEX	1/0-6 AWG	1/4	0.281	3/4	1.4370	0.7380	0.7500	0.8120	2.5430	PINK	I-42	ILD-42	0.5150	0.3900	10	78366963617
CSWD-1/0-14-1	1/0 AWG	#1 FLEX	1/0-6 AWG	1/4	0.281	1	1.6870	0.7380	0.7500	0.8120	2.7930	PINK	I-42	ILD-42	0.5150	0.3900	10	78366963621
CSWD-1/0-516-34	1/0 AWG	#1 FLEX	1/0-6 AWG	5/16	0.343	3/4	1.6870	0.7380	0.7500	0.8120	2.7930	PINK	I-42	ILD-42	0.5150	0.3900	10	78366963629
CSWD-1/0-516-78	1/0 AWG	#1 FLEX	1/0-6 AWG	5/16	0.343	7/8	1.6870	0.7380	0.7500	0.8120	2.7930	PINK	I-42	ILD-42	0.5150	0.3900	10	78366963633
CSWD-1/0-516-1	1/0 AWG	#1 FLEX	1/0-6 AWG	5/16	0.343	1	1.9370	0.7380	0.7500	0.8120	3.0430	PINK	I-42	ILD-42	0.5150	0.3900	10	78366963637
CSWD-1/0-38-1	1/0 AWG	#1 FLEX	1/0-6 AWG	3/8	0.406	1	1.9370	0.7380	0.7500	0.8120	3.0430	PINK	I-42	ILD-42	0.5150	0.3900	10	78366963653
CSWD-1/0-38-134	1/0 AWG	#1 FLEX	1/0-6 AWG	3/8	0.406	1-3/4	2.6250	0.7380	0.7500	0.8120	3.7310	PINK	I-42	ILD-42	0.5150	0.3900	10	78366963665
CSWD-1/0-12-1	1/0 AWG	#1 FLEX	1/0-6 AWG	1/2	0.562	1	2.1250	0.7380	0.7500	0.8120	3.2310	PINK	I-42	ILD-42	0.5150	0.3900	10	78366965118
CSWD-1/0-12-134	1/0 AWG	#1 FLEX	1/0-6 AWG	1/2	0.562	1-3/4	3.0000	0.7380	0.7500	0.8120	4.1060	PINK	I-42	ILD-42	0.5150	0.3900	10	78366963685
CSWD-2/0-14-58	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/4	0.281	5/8	1.4370	0.8110	0.7500	0.8120	2.5830	BLACK	I-45	ILD-45	0.5620	0.4370	10	78366963745
CSWD-2/0-14-34	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/4	0.281	3/4	1.4370	0.8110	0.7500	0.8120	2.5830	BLACK	I-45	ILD-45	0.5620	0.4370	10	78366963749
CSWD-2/0-14-1	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/4	0.281	1	1.6870	0.8110	0.7500	0.8120	2.8330	BLACK	I-45	ILD-45	0.5620	0.4370	10	78366963753
CSWD-2/0-516-78	2/0 AWG	1/0 FLEX	2/0-4 AWG	5/16	0.343	7/8	1.6870	0.8110	0.7500	0.8120	2.8330	BLACK	I-45	ILD-45	0.5620	0.4370	10	78366963765
CSWD-2/0-516-1	2/0 AWG	1/0 FLEX	2/0-4 AWG	5/16	0.343	1	1.9370	0.8110	0.7500	0.8120	3.0830	BLACK	I-45	ILD-45	0.5620	0.4370	10	78366963769
CSWD-2/0-38-1	2/0 AWG	1/0 FLEX	2/0-4 AWG	3/8	0.406	1	1.9370	0.8110	0.7500	0.8120	3.0830	BLACK	I-45	ILD-45	0.5620	0.4370	10	78366963785
CSWD-2/0-38-134	2/0 AWG	1/0 FLEX	2/0-4 AWG	3/8	0.406	1-3/4	2.6250	0.8110	0.7500	0.8120	3.7710	BLACK	I-45	ILD-45	0.5620	0.4370	10	78366963797
CSWD-2/0-12-1	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/2	0.562	1	2.1250	0.8110	0.7500	0.8120	3.2710	BLACK	I-45	ILD-45	0.5620	0.4370	10	78366963805
CSWD-2/0-12-134	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/2	0.562	1-3/4	3.0000	0.8110	0.7500	0.8120	4.1460	BLACK	I-45	ILD-45	0.5620	0.4370	10	78366963817
CSWD-3/0-14-58	3/0 AWG	2/0 FLEX	3/0-2 AWG	1/4	0.281	5/8	1.4370	0.8850	0.7500	0.8120	2.6260	ORANGE	I-50	ILD-50	0.6090	0.4840	10	78366963877
CSWD-3/0-14-34	3/0 AWG	2/0 FLEX	3/0-2 AWG	1/4	0.281	3/4	1.4370	0.8850	0.7500	0.8120	2.6260	ORANGE	I-50	ILD-50	0.6090	0.4840	10	78366963881
CSWD-3/0-516-1	3/0 AWG	2/0 FLEX	3/0-2 AWG	5/16	0.343	1	1.9370	0.8850	0.7500	0.8120	3.1260	ORANGE	I-50	ILD-50	0.6090	0.4840	10	78366963901
CSWD-3/0-38-1	3/0 AWG	2/0 FLEX	3/0-2 AWG	3/8	0.406	1	1.9370	0.8850	0.7500	0.8120	3.1260	ORANGE	I-50	ILD-50	0.6090	0.4840	10	78366963917
CSWD-3/0-12-134	3/0 AWG	2/0 FLEX	3/0-2 AWG	1/2	0.562	1-3/4	3.0000	0.8850	0.7500	0.8120	4.1890	ORANGE	I-50	ILD-50	0.6090	0.4840	10	78366963949
CSWD-4/0-14-58	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/4	0.281	5/8	1.4370	0.9990	0.8750	0.9370	2.8030	PURPLE	I-54	ILD-54	0.6870	0.5460	10	78366963985
CSWD-4/0-14-34	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/4	0.281	3/4	1.4370	0.9990	0.8750	0.9370	2.8030	PURPLE	I-54	ILD-54	0.6870	0.5460	10	78366963989
CSWD-4/0-14-1	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/4	0.281	1	1.6870	0.9990	0.8750	0.9370	3.0530	PURPLE	I-54	ILD-54	0.6870	0.5460	10	78366963993
CSWD-4/0-516-34	4/0 AWG	3/0 FLEX	4/0-1 AWG	5/16	0.343	3/4	1.6870	0.9990	0.8750	0.9370	3.0530	PURPLE	I-54	ILD-54	0.6870	0.5460	10	78366964001
CSWD-4/0-516-1	4/0 AWG	3/0 FLEX	4/0-1 AWG	5/16	0.343	1	1.9370	0.9990	0.8750	0.9370	3.3030	PURPLE	I-54	ILD-54	0.6870	0.5460	10	78366964009
CSWD-4/0-516-134	4/0 AWG	3/0 FLEX	4/0-1 AWG	5/16	0.343	1-3/4	2.5000	0.9990	0.8750	0.9370	3.8660	PURPLE	I-54	ILD-54	0.6870	0.5460	10	78366964013
CSWD-4/0-38-1	4/0 AWG	3/0 FLEX	4/0-1 AWG	3/8	0.406	1	1.9370	0.9990	0.8750	0.9370	3.3030	PURPLE	I-54	ILD-54	0.6870	0.5460	10	78366964025
CSWD-4/0-38-134	4/0 AWG	3/0 FLEX	4/0-1 AWG	3/8	0.406	1-3/4	2.6250	0.9990	0.8750	0.9370	3.9910	PURPLE	I-54	ILD-54	0.6870	0.5460	10	78366964037
CSWD-4/0-12-1	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/2	0.562	1	2.1250	0.9990	0.8750	0.9370	3.4910	PURPLE	I-54	ILD-54	0.6870	0.5460	10	78366964045
CSWD-4/0-12-114	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/2	0.562	1-1/4	2.5000	0.9990	0.8750	0.9370	3.8660	PURPLE	I-54	ILD-54	0.6870	0.5460	10	78366964049
CSWD-4/0-12-134	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/2	0.562	1-3/4	3.0000	0.9990	0.8750	0.9370	4.3660	PURPLE	I-54	ILD-54	0.6870	0.5460	10	78366964057
CSWD-250-14-58	250 kcmil	4/0 FLEX	250 kcmil - 1/0 AWG	1/4	0.281	5/8	1.4370	1.0880	1.0630	1.1250	3.0310	YELLOW	I-62	ILD-62	0.7500	0.5930	10	78366964097
CSWD-250-14-34	250 kcmil	4/0 FLEX	250 kcmil - 1/0 AWG	1/4	0.281	3/4	1.4370	1.0880	1.0630	1.1250	3.0310	YELLOW	I-62	ILD-62	0.7500	0.5930	10	78366964101
CSWD-250-516-1	250 kcmil	4/0 FLEX	250 kcmil - 1/0 AWG	5/16	0.343	1	1.9370	1.0880	1.0630	1.1250	3.5310	YELLOW	I-62	ILD-62	0.7500	0.5930	10	78366964121
CSWD-250-38-1	250 kcmil	4/0 FLEX	250 kcmil - 1/0 AWG	3/8	0.406	1	1.9370	1.0880	1.0630	1.1250	3.5310	YELLOW	I-62	ILD-62	0.7500	0.5930	10	78366964137
CSWD-250-38-134	250 kcmil	4/0 FLEX	250 kcmil - 1/0 AWG	3/8	0.406	1-3/4	2.6250	1.0880	1.0630	1.1250	4.2190	YELLOW	I-62	ILD-62	0.7500	0.5930	10	78366964149
CSWD-250-12-114	250 kcmil	4/0 FLEX	250 kcmil - 1/0 AWG	1/2	0.562	1-1/4	2.5000	1.0880	1.0630	1.1250	4.0940	YELLOW	I-62	ILD-62	0.7500	0.5930	10	78366964161
CSWD-250-12-134	250 kcmil	4/0 FLEX	250 kcmil - 1/0 AWG	1/2	0.562	1-3/4	3.0000	1.0880	1.0630	1.1250	4.5940	YELLOW	I-62	ILD-62	0.7500	0.5930	10	78366964169

Sta-Kon®

Nylon-Insulated Ring Terminals

Sta-Kon® Terminal Products and Tools

Sta-Kon® Rings, Forks and Locking Forks

- Complete line of installing tools engineered to match tool with terminal
- First to gain military approval for pressure connections... many styles available for military applications
- Sta-Kon® products exceed test specification requirements of military, UL®, and CSA
- Tefzel® and Nylon Terminals provided with extra metal sleeve to grip insulation
- Vinyl insulated and bare Sta-Kon® terminals feature brazed seam wire barrels that can be crimped at any place on the barrel circumference
- Can be installed with crimping tools having a single indenter or double indenter (recommended for solid wire)
- Serrated barrel increases grip on wire
- Wire range identification on the tongue of each terminal
- Can be installed with crimping tools having a single indenter or double indenter (recommended for solid wire)
- Constructed of electrolytic copper for high conductivity
- Wire range identification on the tongue of each terminal

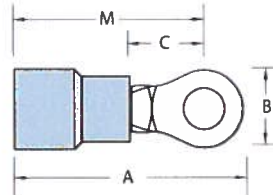


Listing

Sta-Kon® Rings, Forks and Locking Forks are tested and listed to UL® 486A/B, two-way splices to UL 486C, disconnects to UL 310, and all applicable products to CSA 22.2.



Nylon-Insulated Ring Terminals



CAT. NO.	PKG. QTY.	WIRE RANGE	MAX. INS.	BOLT HOLE	REC. TOOL	DIMENSIONS				STOCK THICK.
						A	B	C	M	
RZ22-2**	100	26-22	.083	#2	ERG2006	.57	.14	.13	.49	.02
RZ22-4**	100	26-22	.083	#4		.65	.21	.20	.54	
RZ22-6**	100	26-22	.083	#6		.65	.21	.20	.54	
RZ22-8**	100	26-22	.083	#8		.75	.25	.23	.62	
RZ22-10**	100	26-22	.083	#10		.75	.25	.23	.62	
RAX23*	1,000	26-24	.125	#2	WT145A	.66	.14	.14	.59	
RAX43*	1,000	26-24	.125	#4		.74	.20	.19	.64	
RAX63*	1,000	26-24	.125	#6		.84	.25	.22	.72	
RAX83*	1,000	26-24	.125	#8		.84	.25	.22	.72	
RAX103*	1,000	26-24	.125	#10		.84	.25	.24	.72	
RA18-4	100	22-16	.136	#4	ERG2001	.72	.23	.14	.59	.03
RA323	1,000	22-16	.136	#4		.72	.23	.14	.59	
RA333	1,000	22-16	.136	#6		.72	.23	.14	.59	
RA18-6	100	22-16	.136	#6		.86	.26	.25	.71	

* Not listed by UL or CSA

** CSA Listed only

CAT. NO.	PKG. QTY.	WIRE RANGE	MAX. INS.	BOLT HOLE	REC. TOOL	DIMENSIONS				STOCK THICK.
						A	B	C	M	
RA853	1,000	22-16	.136	#6	WT145A	.86	.26	.25	.71	.02
RA18-8	100	22-16	.136	#8		.89	.26	.25	.71	
RA833	1,000	22-16	.136	#8		.86	.26	.25	.71	
RA863	1,000	22-16	.136	#8		.89	.26	.25	.71	
RA18-10	100	22-16	.136	#10		.89	.31	.25	.71	
RA873	1,000	22-16	.136	#10		.89	.31	.25	.71	
RA18-14	100	22-16	.136	¼"		1.10	.46	.31	.84	
RA713	1,000	22-16	.136	¼"		1.10	.46	.31	.84	
RA18-516	100	22-16	.136	¾"		1.10	.46	.31	.84	
RA723	1,000	22-16	.136	¾"		1.10	.46	.31	.84	
RA18-38	100	22-16	.136	¾"	ERG2001	1.20	.53	.35	.87	.03
RA733	1,000	22-16	.136	¾"		1.20	.53	.35	.87	
RA18-12	100	22-16	.136	½"		1.30	.72	.50	.92	
RA753	1,000	22-16	.136	½"		1.30	.72	.50	.92	

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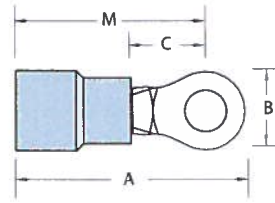
United States
Tel: 901.252.8000
800.816.7809
Fax: 901.252.1354

Technical Services
Tel: 888.862.3289

Sta-Kon®

Nylon-Insulated Ring Terminals

Nylon-Insulated Ring Terminals (continued)

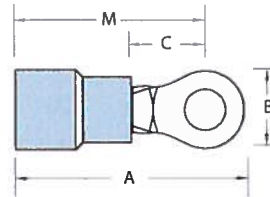


Sta-Kon Terminal Products and Tools

CAT. NO.	PKG. QTY.	WIRE RANGE	MAX. INS.	BOLT HOLE	REC. TOOL	DIMENSIONS				STOCK THICK.
						A	B	C	M	
RB14-4	100	18-14	.162	#4		.72	.26	.14	.59	
RB1323	1,000	18-14	.162	#4		.72	.26	.14	.59	
RB14-6	100	18-14	.162	#6		.89	.31	.25	.71	
RB853	1,000	18-14	.162	#6		.89	.31	.25	.71	
RB1333	1,000	18-14	.162	#6		.74	.26	.14	.59	
RB14-8	100	18-14	.162	#8		.89	.31	.25	.71	
RB863	1,000	18-14	.162	#8		.89	.31	.25	.71	
RB14-10	100	18-14	.162	#10		.89	.31	.25	.71	
RB873	1,000	18-14	.162	#10	ERG2001	.89	.31	.25	.71	.03
RB14-14	100	18-14	.162	1/4"		1.08	.47	.31	.81	
RB713	1,000	18-14	.162	1/4"		1.08	.47	.31	.81	
RB14-516	100	18-14	.162	3/8"		1.08	.47	.31	.84	
RB723	1,000	18-14	.162	3/8"		1.08	.47	.31	.84	
RB14-38	100	18-14	.162	3/8"		1.17	.53	.35	.87	
RB733	1,000	18-14	.162	3/8"		1.17	.53	.35	.87	
RB14-12	100	18-14	.162	1/2"		1.25	.72	.50	.90	
RB753	1,000	18-14	.162	1/2"		1.25	.72	.50	.90	

CAT. NO.	PKG. QTY.	WIRE RANGE	MAX. INS.	BOLT HOLE	REC. TOOL	DIMENSIONS				STOCK THICK.
						A	B	C	M	
RC10-6	50	12-10	.210	#6		1.00	.37	.27	.81	
RC333	500	12-10	.210	#6		1.00	.37	.27	.81	
RC10-8	50	12-10	.210	#8		1.00	.37	.27	.81	
RC863	500	12-10	.210	#8		1.00	.37	.27	.81	
RC10-10	50	12-10	.210	#10		1.00	.37	.27	.81	
RC363	500	12-10	.210	#10		1.00	.37	.27	.81	
RC10-14	50	12-10	.210	1/4"	ERG2001	1.12	.53	.32	.86	.04
RC713	500	12-10	.210	1/4"		1.12	.53	.32	.86	
RC10-516	50	12-10	.210	3/8"		1.21	.53	.31	.94	
RC703	500	12-10	.210	3/8"		1.21	.53	.31	.94	
RC10-38	50	12-10	.210	3/8"		1.27	.59	.35	.98	
RC733	500	12-10	.210	3/8"		1.27	.59	.35	.98	
RC10-12	50	12-10	.210	1/2"		1.37	.72	.52	1.02	
RC753	500	12-10	.210	1/2"		1.37	.72	.52	1.02	

Nylon-Insulated Ring Terminals — Expanded Entry



CAT. NO.	PKG. QTY.	WIRE RANGE	MAX. INS.	BOLT HOLE	REC. TOOL	DIMENSIONS				STOCK THICK.
						A	B	C	M	
RB14-4X	100	18-14	.190	#4		.80	.26	.14	.67	
RB1324	1,000	18-14	.190	#4		.80	.26	.14	.67	
RB14-6X	100	18-14	.190	#6		.95	.31	.25	.79	
RB854	1,000	18-14	.190	#6		.95	.31	.25	.79	
RB14-8X	100	18-14	.190	#8		.95	.31	.25	.79	
RB864	1,000	18-14	.190	#8		.95	.31	.25	.79	
RB14-10X	100	18-14	.190	#10		.95	.31	.25	.79	
RB874	1,000	18-14	.190	#10	ERG2001	.95	.31	.25	.79	.03
RB14-14X	100	18-14	.190	1/4"		1.16	.47	.31	.92	
RB714	1,000	18-14	.190	1/4"		1.16	.47	.31	.92	
RB14-516X	100	18-14	.190	3/8"		1.16	.47	.31	.92	
RB724	1,000	18-14	.190	3/8"		1.16	.47	.31	.92	
RB14-38X	100	18-14	.190	3/8"		1.25	.53	.42	.95	
RB734	1,000	18-14	.190	3/8"		1.25	.53	.42	.95	

CAT. NO.	PKG. QTY.	WIRE RANGE	MAX. INS.	BOLT HOLE	REC. TOOL	DIMENSIONS				STOCK THICK.
						A	B	C	M	
RC10-6X	50	12-10	.250	#6		1.10	.37	.27	.91	
RC334	500	12-10	.250	#6		1.10	.37	.27	.91	
RC10-8X	50	12-10	.250	#8		1.10	.37	.27	.91	
RC864	500	12-10	.250	#8		1.10	.37	.27	.91	
RC10-10X	50	12-10	.250	#10		1.10	.37	.27	.91	
RC364	500	12-10	.250	#10		1.10	.37	.27	.91	
RC10-14X	50	12-10	.250	1/4"	ERG2001	1.22	.53	.32	.96	.03
RC714	500	12-10	.250	1/4"		1.22	.53	.32	.96	
RC10-516X	50	12-10	.250	3/8"		1.32	.53	.31	1.05	
RC704	500	12-10	.250	3/8"		1.32	.53	.31	1.05	
RC10-38X	50	12-10	.250	3/8"		1.38	.59	.48	1.09	
RC734	500	12-10	.250	3/8"		1.38	.59	.48	1.09	
RC10-12X	50	12-10	.250	1/2"		1.48	.72	.52	1.13	

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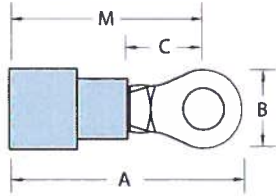
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Sta-Kon

Nylon-Insulated Ring Terminals

Nylon-Insulated Large Ring Terminals



Sta-Kon Terminal Products and Tools

CAT. NO.	PKG. QTY.	WIRE RANGE	MAX. INS.	BOLT HOLE	REC. TOOL	DIMENSIONS (IN.)				STOCK THICK.	
						A	B	C	M		
RD167	200	8	.340	#8	ERG2007	1.48	.42	.28	1.29		
RD8-10	25	8	.340	#10		1.48	.42	.28	1.29		
RD367	200	8	.340	#10		1.48	.42	.28	1.29		
RD8-14	25	8	.340	1/4"		1.54	.46	.36	1.32		
RD717	200	8	.340	1/4"		1.54	.46	.36	1.32		
RD8-516	25	8	.340	3/8"		1.63	.57	.36	1.35		
RD727	200	8	.340	3/8"		1.63	.57	.36	1.35		
RD8-38	25	8	.340	3/8"		1.63	.57	.36	1.35		
RD737	200	8	.340	3/8"		1.63	.57	.36	1.35		
RD8-12*	25	8	.310	1/2"		TBM6S	1.79	.82	.55		1.39
RD757*	200	8	.310	1/2"	1.79		.82	.55	1.39		
RD10161	200	8AN	.270	#8	ERG2007	1.40	.41	.24	1.20		
RD10361	200	8AN	.270	#10		1.40	.41	.24	1.20		
RD10711	200	8AN	.270	1/4"		1.45	.45	.27	1.22		
RD10721	200	8AN	.270	3/8"		1.53	.56	.34	1.25		
RD10731	200	8AN	.270	3/4"		1.53	.56	.34	1.25		
RE6-10	20	6	.420	#10	ERG2007	1.65	.49	.28	1.40		
RE267	200	6	.420	#10		1.65	.49	.28	1.40		
RE6-14	20	6	.420	1/4"		1.65	.49	.28	1.40		
RE717	200	6	.420	1/4"		1.65	.49	.28	1.40		
RE6-516	20	6	.420	3/8"		1.76	.61	.34	1.47		
RE727	200	6	.420	3/8"		1.76	.61	.34	1.47		
RE6-38	20	6	.420	3/8"		1.76	.61	.34	1.47		
RE737	200	6	.420	3/8"		1.76	.61	.34	1.47		
RE6-12*	20	6	.395	1/2"		TBM6S	1.83	.82	.55		1.43
RE757*	200	6	.395	1/2"			1.83	.82	.55		1.43
RE10261	200	6AN	.315	#10	ERG2007	1.55	.49	.24	1.31		
RE10711	200	6AN	.315	1/4"		1.55	.49	.27	1.31		
RE10721	200	6AN	.315	3/8"		1.70	.60	.34	1.40		
RE10731	200	6AN	.315	3/4"		1.70	.60	.34	1.40		
RF4-10	15	4	.510	#10		TBM6S	1.76	.56	.36		1.49
RF267	100	4	.510	#10	1.76		.56	.36	1.49		
RF4-14	15	4	.510	1/4"	1.76		.56	.36	1.49		
RF717	100	4	.510	1/4"	1.76		.56	.36	1.49		
RF4-516	15	4	.510	3/8"	1.84		.62	.35	1.53		
RF727	100	4	.510	3/8"	1.84		.62	.35	1.53		
RF4-38	15	4	.510	3/8"	1.84		.62	.35	1.53		
RF737	100	4	.510	3/8"	1.84		.62	.35	1.53		
RF757*	100	4	.500	1/2"	1.90		.82	.55	1.49		
RF10261	100	4AN	.380	#10			1.78	.55	.30	1.51	
RF10711	100	4AN	.380	1/4"		1.78	.55	.30	1.51		
RF10721	100	4AN	.380	3/8"		1.80	.62	.34	1.49		
RF10731	100	4AN	.380	3/4"		1.80	.62	.34	1.49		

CAT. NO.	PKG. QTY.	WIRE RANGE	MAX. INS.	BOLT HOLE	REC. TOOL	DIMENSIONS (IN.)				STOCK THICK.		
						A	B	C	M			
RG2-10	10	2	.588	#10		2.15	.69	.40	1.83			
RG267	50	2	.588	#10		2.15	.69	.40	1.83			
RG2-14	10	2	.588	1/4"		2.15	.69	.40	1.83			
RG717	50	2	.588	1/4"		2.15	.69	.40	1.83			
RG2-516	10	2	.588	3/8"		2.15	.69	.40	1.83			
RG727	50	2	.588	3/8"		2.15	.69	.40	1.83			
RG2-38	10	2	.588	3/8"		2.15	.69	.40	1.83			
RG737	50	2	.588	3/8"		2.15	.69	.40	1.83			
RG2-12	10	2	.588	1/2"		2.35	.80	.49	1.93			
RG757	50	2	.588	1/2"		2.35	.80	.49	1.93			
RG9711	50	2AN	.453	1/4"	TBM6S	2.07	.69	.40	1.74	.05		
RG9731	50	2AN	.453	3/8"		2.07	.69	.40	1.74			
RG9751	50	2AN	.453	1/2"		2.26	.80	.49	1.84			
RH717	50	1/0	.629	1/4"		2.14	.77	.43	1.81			
RH727	50	1/0	.629	3/8"		2.14	.77	.43	1.81			
RH737	50	1/0	.629	3/8"		2.14	.77	.43	1.81			
RH757	50	1/0	.629	1/2"		2.34	.77	.54	1.90			
RH9711	50	1AN	.500	1/4"		2.14	.77	.44	1.81			
RH9731	50	1AN	.500	3/8"		2.14	.77	.44	1.81			
RH9751	50	1AN	.500	1/2"		2.34	.77	.54	1.90			
RJ717	100	2/0	.675	1/4"		2.34	.83	.46	1.96			
RJ727	100	2/0	.675	3/8"		2.34	.83	.46	1.96			
RJ737	100	2/0	.675	3/8"		2.34	.83	.46	1.96			
RJ757	100	2/0	.675	1/2"		2.48	.89	.54	2.03			
RJ9711	50	1/0AN	.550	1/4"		2.35	.83	.46	1.97			
RJ9731	50	1/0AN	.550	3/8"		2.35	.83	.46	1.97			
RJ9751	50	1/0AN	.550	1/2"		2.49	.89	.55	2.04			
RK717	25	3/0	.765	1/4"			2.60	.93	.54		2.21	.06
RK727	25	3/0	.765	3/8"			2.60	.93	.54		2.21	
RK737	25	3/0	.765	3/8"			2.60	.93	.54		2.21	
RK9731	100	2/0AN	.610	3/8"	2.52		.93	.55	2.14			
RK9751	100	2/0AN	.610	1/2"	2.60		.93	.55	2.15			
RL737	25	4/0	.785	3/8"			2.83	1.04	.57	2.35	.07	
RL757	25	4/0	.785	1/2"			2.83	1.04	.57	2.35		
RL9731	25	3/0AN	.680	3/8"			2.83	1.04	.57	2.36		
RL9751	25	3/0AN	.680	1/2"			2.83	1.04	.57	2.36		
RM737	20	250MCM	.868	3/8"			3.00	1.13	.65	2.51		
RM747	20	250MCM	.868	3/8"		3.00	1.13	.65	2.51			
RM757	20	250MCM	.868	1/2"		3.00	1.13	.65	2.51			
RM9731	20	4/0AN	.750	3/8"		3.00	1.13	.66	2.51			
RM9751	20	4/0AN	.750	1/2"		3.00	1.13	.66	2.51			

*Brazeed Seam
AN=Aircraft Wire

Thomas & Betts

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Sta-Kon®

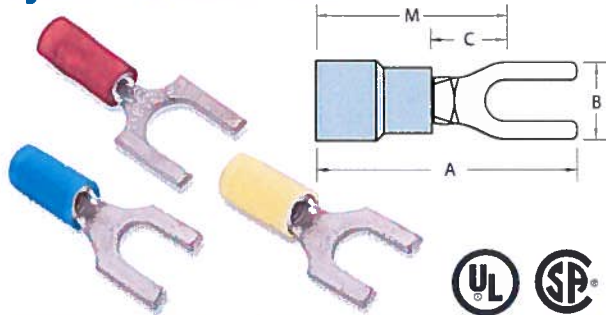
Nylon-Insulated Fork Terminals

- Fork terminals enable easy installation because the mounting screw does not have to be completely removed
- Brazed seam barrel is serrated for high pull-out value. Terminal is high conductivity electrolytic copper, electro-tin plated. Insulation is color-coded
- Vinyl insulated fork terminals have extra-long PVC insulation sleeve for protection and stress relief at wire's flex point
- Suffix "X" indicates an expanded insulation support, meaning a wider wire entry to accommodate heavy wall insulation



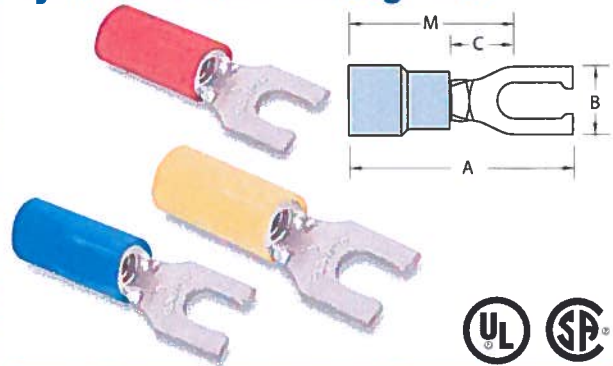
Sta-Kon Terminal Products and Tools

Nylon-Insulated Fork



CAT. NO.	PKG. QTY.	WIRE RANGE	MAX. INS.	BOLT HOLE	REC. TOOL	DIMENSIONS				STOCK THICK.
						A	B	C	M	
RA18-6F	100	22-16	.136	#6		.83	.25	.25	.71	.02
RA1103	1,000	22-16	.136	#6		.83	.25	.25	.71	
RA18-8F	100	22-16	.136	#8		.86	.31	.25	.71	
RA1123	1,000	22-16	.136	#8		.86	.31	.25	.71	
RA18-10F	100	22-16	.136	#10		.86	.31	.25	.71	
RA1153	1,000	22-16	.136	#10		.86	.31	.25	.71	
RA18-14F	100	22-16	.136	1/4"		.95	.44	.31	.70	
RA1163	1,000	22-16	.136	1/4"		.95	.44	.31	.70	
RB14-6F	100	18-14	.162	#6		.87	.31	.25	.71	
RB1113	1,000	18-14	.162	#6		.87	.31	.25	.71	
RB14-8F	100	18-14	.162	#8		.87	.31	.25	.71	
RB1123	1,000	18-14	.162	#8		.87	.31	.25	.71	
RB14-10F	100	18-14	.162	#10		.87	.38	.25	.71	
RB1153	1,000	18-14	.162	#10		.87	.38	.25	.71	
RB14-14F	100	18-14	.162	1/4"	ERG 2001	.95	.44	.28	.74	
RB1163	1,000	18-14	.162	1/4"		.95	.44	.28	.74	
RB1103	1,000	18-14	.162	#6		.74	.28	.16	.60	
RB1124	1,000	18-14	.190	#8		.95	.31	.25	.79	
RB1154	1,000	18-14	.190	#10		.95	.31	.25	.79	
RC10-6F	50	12-10	.210	#6		.97	.31	.27	.81	
RC1113	500	12-10	.210	#6		.97	.31	.27	.81	
RC10-8F	50	12-10	.210	#8		1.00	.37	.27	.81	
RC1123	500	12-10	.210	#8		1.00	.37	.27	.81	
RC10-10F	50	12-10	.210	#10		1.00	.37	.27	.81	
RC1153	500	12-10	.210	#10		1.00	.37	.27	.81	
RC10-14F	50	12-10	.210	1/4"		1.12	.50	.27	.86	
RC1163	500	12-10	.210	1/4"		1.12	.50	.27	.86	
RC1124	1,000	12-10	.250	#8		1.10	.37	.27	.91	
RC1154	1,000	12-10	.250	#10		1.10	.37	.27	.91	

Nylon-Insulated Locking Fork



CAT. NO.	PKG. QTY.	WIRE RANGE	MAX. INS.	BOLT HOLE	REC. TOOL	DIMENSIONS				STOCK THICK.
						A	B	C	M	
RA18-6FL	100	22-16	.136	#6		.86	.25	.25	.71	.02
RA2213	1,000	22-16	.136	#6		.86	.25	.25	.71	
RA18-8FL	100	22-16	.136	#8		.86	.29	.25	.71	
RA2243	1,000	22-16	.136	#8		.86	.29	.25	.71	
RA18-10FL	100	22-16	.136	#10		.86	.29	.25	.71	
RA2253	1,000	22-16	.136	#10		.86	.29	.25	.71	
RB14-6FL	100	18-14	.162	#6		.87	.25	.25	.71	
RB2213	1,000	18-14	.162	#6		.87	.25	.25	.71	
RB2214	1,000	18-14	.190	#6		.95	.25	.25	.79	
RB14-8FL	100	18-14	.162	#8		.87	.29	.25	.71	
RB2233	1,000	18-14	.162	#8		.87	.29	.25	.71	
RB14-10FL	100	18-14	.162	#10	ERG 2001	.87	.29	.25	.71	
RB2253	1,000	18-14	.162	#10		.87	.29	.25	.71	
RB2254	1,000	18-14	.190	#10		.95	.29	.25	.71	
RC10-6FL	50	12-10	.210	#6		.97	.31	.27	.81	
RC2203	500	12-10	.210	#6		.97	.31	.27	.81	
RC2204	1,000	12-10	.250	#6		1.07	.31	.27	.91	
RC10-8FL	50	12-10	.210	#8		1.00	.37	.27	.81	
RC2213	500	12-10	.210	#8		1.00	.37	.27	.81	
RC10-10FL	50	12-10	.210	#10		1.00	.37	.27	.81	
RC2223	500	12-10	.210	#10		1.00	.37	.27	.81	
RC2224	1,000	12-10	.250	#10		1.10	.37	.27	.91	
RC10-14FL	50	12-10	.210	1/4"		1.12	.50	.32	.86	
RC2233	500	12-10	.210	1/4"		1.12	.50	.32	.86	

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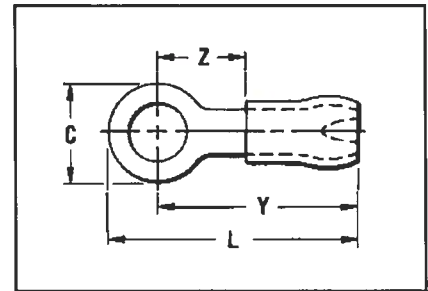
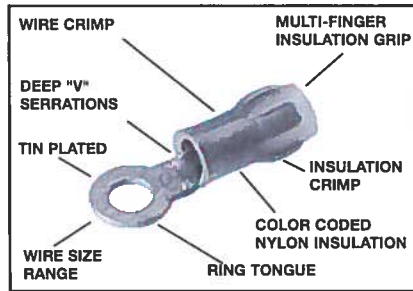
TYPES YAE-G AND YAE-N

INSULUG™

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

300 Volts Max., 105° C Max.

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



Features and Benefits

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

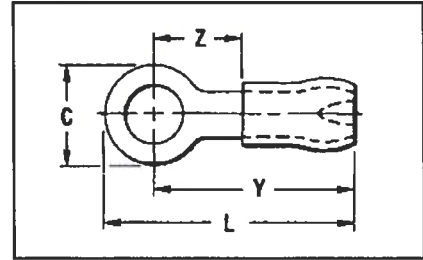
Catalog Number	Wire Range	Stud Size	** SAE-AS25036	Dimensions				Bulk Catalog Number*	Installation Tooling	Tape Mounted Catalog Number 2000/Reel	Installation Tooling	Wire Strip Length
				C	L Max.	Y Max.	Z Max.					
YAE22G18 BOX•	26-20	1.2	-148	.15	.70	.62	.22	YAE22G18•	M8ND with N14HET-25V1 Die MR8-1A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

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

Blue highlighted items are industry standard and most frequently ordered.

TYPES YAE-G AND YAE-N
(Continued)

INSULUG™



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

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

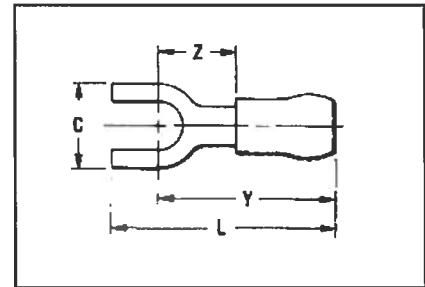
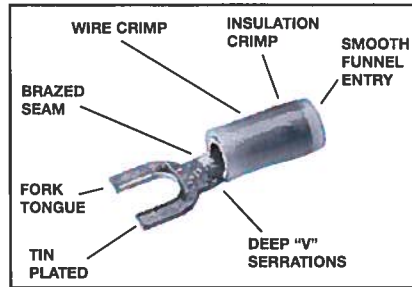
Blue highlighted items are industry standard and most frequently ordered.

TYPES TN-F AND YAES-F

INSULUG™

Terminal — Nylon Insulated, Fork Tongue

300 Volts Max., 105° C Max.



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

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

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

Features and Benefits

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



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

* These sizes not UL Listed.

** Or other tool conforming to military specification AS25036 or AS90413

Blue highlighted items are industry standard and most frequently ordered.

B-38

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

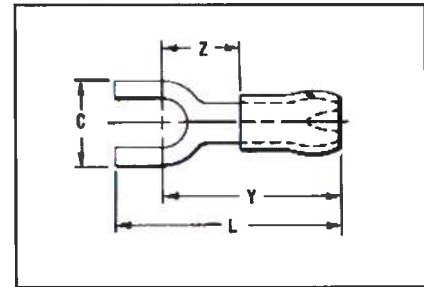
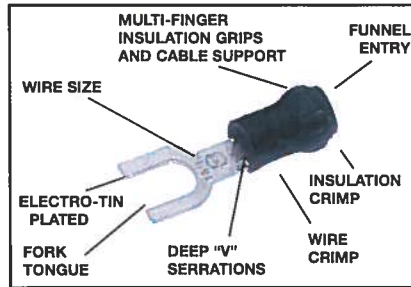
INSULUG™

Terminal — Nylon Insulated, Fork Tongue

Multi-Finger Insulation Grip

300 Volts Max., 105° C Max.

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



Features and Benefits

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



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

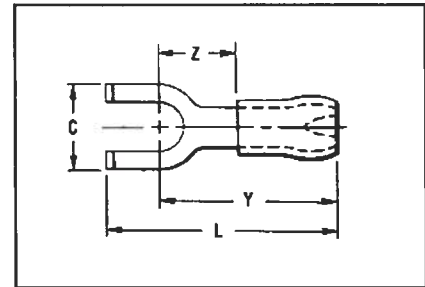
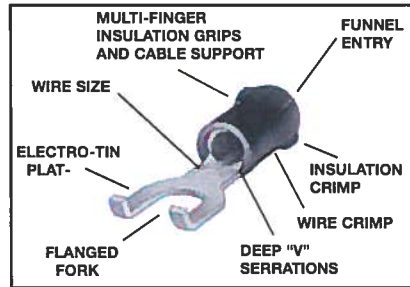
• Not UL recognized.

Blue highlighted items are industry standard and most frequently ordered.

TYPES YAE-Z BOX AND YAE-Z

INSULUG™

Terminal —
Nylon Insulated, Flanged Fork
Multi-Finger Insulation Grip
300 Volts Max., 105° C Max.



Features and Benefits

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



Catalog Number	Wire Range	Stud Size	Dimensions				Bulk Catalog Number	Installation Tooling
			C	Z Max.	Y Max.	L Max.		
YAE2221 BOX	26-20 Max. Insul.	1-2	.18	.24	.65	.75	—	MR8-33T-1, MBND with one of the following Dies:
YAE2222 BOX	Dia.: .098"	4-6	.28	.28	.70	.83	YAE2222	
YAE2223 BOX	Sleeve Color: Amber	6-8	.31	.30	.72	.92	YAE2223	
YAE18Z1 BOX	22-16 Max. Insul. Dia. Accom.: (125) Color Code: Red	1-2	.18	.22	.73	.83	YAE18Z1	N14HET-15, N10ET-9, N10ET-23, N14HET-25V1, Y10D, Y10-22
YAE18Z2 BOX		4-6	.28	.26	.76	1.00	YAE18Z2	
YAE18Z3 BOX		6-8	.31	.29	.78	1.00	YAE18Z3	
YAE18Z4 BOX		8-10	.36	.34	.83	1.08	YAE18Z4	
YAE14Z2 BOX	16-14 Max. Insul.	4-6	.28	.26	.76	.90	YAE14Z2	MR833T-1, MBNO with N12HET-1, Y10D, Y10-22
YAE14Z3 BOX	Dia. Accom.: (156)	6-8	.31	.29	.78	1.00	YAE14Z3	
YAE14Z4 BOX	Color Code: Blue	8-10	.36	.34	.83	1.08	YAE14Z4	
YAE12Z2 BOX	14-12 Max. Insul.	4-6	.28	.27	.90	1.04	YAE12Z2	MR833T-1, MBNO with N12HET-1, Y10D, Y10-22
YAE12Z3 BOX	Dia. Accom.: (180)	6-8	.31	.32	.96	1.16	YAE12Z3	
YAE12Z4 BOX	Color Code: Green	8-10	.36	.35	1.00	1.23	YAE12Z4	

Blue highlighted items are industry standard and most frequently ordered.



ClearGlide™ Wire Pulling Lubricant



Product Resources

Documentation

[ClearGlide™ MSDS](#)
(PDF - 192KB)

Guides

[Wire Pulling Lubricant Selector and Application Guide](#)

Features

- Clear and colorless for quick and easy clean-up
- Exceptional lubricity for super-fast pulls
- Polymer-based formula perfect for all electrical and datacom applications
- Safe to use with all cable types
- Remains stable over wide temperature range -- usable from 30°F to 180°F (-1°C to 82°C)
- Dries to a semi-fluid film that won't clog conduit
- Clings to cable throughout long pulls
- Easy to apply by hand, brush, or pump
- Environmentally safe -- non-toxic, non-flammable, and non-corrosive

Models

Available Sizes	Cat. No.
4-oz Bottles in a 6-Pack	31-389
1 Qt. Squeeze Bottle	31-388
1 Gal. Bucket	31-381
5 Gal. Bucket	31-385

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Aqua-Gel® II Cable Pulling Lubricant



Product Resources
Documentation Aqua-Gel® II MSDS (PDF - 202KB)
Guides Wire Pulling Lubricant Selector and Application Guide

Features

- Polymer-based formula provides maximum tension reduction in high-stress electrical and communications cable-pulling operations
- Compatible with all cable types
- Cleans up easily with soap and water
- Remains stable over wide temperature range – usable from 28°F to 180°F (-2°C to 82°C)
- Dries to a semi-fluid film that won't clog conduit
- Easy to apply by hand, brush, or pump
- Environmentally safe -- non-toxic, non-flammable and non-corrosive

Models

Available Sizes	Cat. No.
1 Qt. Squeeze Bottle	31-378
1 Gal. Bucket	31-371
1 Qt. Bag (12 bags per bucket)	31-376
1/2 Gal. Bag (6 bags per bucket)	31-377
5 Gal. Bucket	31-375
55 Gal. Drum	31-3855

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Aqua-Gel® CW Cable Pulling Lubricant



Product Resources

Documentation

[Aqua-Gel® CW MSDS](#)
(PDF - 202KB)

Guides

[Wire Pulling Lubricant Selector and Application Guide](#)

Features

- Superior lubricity at low temperatures
- Polymer-based, cold weather formula suitable for use from -25F (-32C) to 40F (+4C)
- Safe to use on all cable types
- Cleans up easily with soap and water
- Dries to a semi-fluid film that aids in future pulls
- Clings to cable throughout long pulls
- For outdoor use only
- Well-suited for hand or pouring applications
- Environmentally safe -- non-toxic, non-flammable and non-corrosive

Models

Available Sizes	Cat. No.
1 Qt. Squeeze Bottle	31-298
1 Gal. Jug	31-291
3.5 Gal. Bucket	31-293
5 Gal. Bucket	31-295

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3M™ Lubricants and Cable Looseners

3M™ Wire Pulling Lubricant Gel



3M Wire Pulling Lubricant Gel is a water-soluble, translucent white gel that is easy to handle and apply to wire and cable

without runs or drips. The lubricant produces a low coefficient of friction that lessens the chance of wire damage from high pulling forces. Not only does Wire Pulling Lubricant Gel make wire pulling jobs smoother and safer, it also wipes off the cable quickly and cleanly before terminating or splicing. The consistent gel does not liquefy, or separate with hot or cold aging. It stays thick, smooth and ready to apply.

3M™ Wire Pulling Lubricant Wax/Gel



3M Wire Pulling Lubricant Wax/Gel can be used and stored in temperatures as high as 194°F (90°C), making

it the choice for hot weather applications. The thick, consistent lubricant does not liquefy or separate with hot aging; it scoops and applies easily to wire and cable without runs or drips in hot temperatures and will not evaporate too soon after pulls. The lubricant's low friction coefficient lessens the chance of wire damage from high pulling forces, wipes off the cable quickly and cleanly and leaves less residue in the conduit to block future pulls or prevent removal. Because Wire Pulling Lubricant Wax/Gel can be immersed in water for 30 minutes with minimal weight loss, it is also the choice for wet weather applications.

3M™ Wire Pulling Lubricant Communications



3M Wire Pulling Lubricant Communications is a slow drying, water-based liquid lubricant formulated for

lightguide cable pulling. The lubricant produces a low coefficient of friction that lessens the chance of lightguide cable damage from high pulling forces. Wire Pulling Lubricant Communications provides maximum tension reduction for long fiber optic pulls, multiple bend pulls and pulls in hot environments. It will not stress crack low-density polyethylene and is compatible with a broad range of cable jackets.

3M™ Wire Pulling Lubricant Wintergrade



3M Wire Pulling Lubricant Wintergrade can be used and stored in temperatures as low as 10°F (-12°C), making it the choice for cold weather

applications. The thick lubricant remains easy to scoop and apply to wire and cable without runs or drips in both warm and cold temperatures. The lubricant produces a low coefficient of friction that lessens the chance of wire damage from high pulling forces. It wipes off the cable quickly and cleanly before terminating or splicing common wire and cable jackets.