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The Homac® and Blackburn® brands by Thomas & Betts provide compression connectors for wires ranging from #12 AWG to 2500 kcmil. Choose from a vast array of dual-rated aluminum lugs, copper lugs, aluminum and copper splices and copper tees. No matter your application, Thomas & Betts has everything you need to terminate and splice connections.

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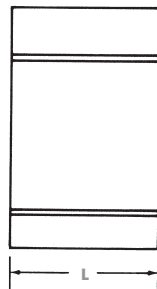
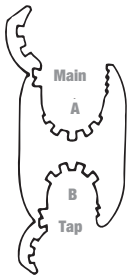


## Compression H-Tap Connectors

### Type WR — Wide Range Aluminum Tap Connectors

#### “O” and “D” Die Seven Connector Program

- For combinations of aluminum-aluminum and aluminum-copper conductors
- Pass the requirements of ANSI C119.4
- Standard compression tools and dies install all sizes
- Seven Connector Program provides superior connector performance, lower connection costs and simplified installation procedures
- Fold-in tabs provide positive tab interlock as tool closes
- Field-proven ribbed design provides unparalleled connector/conductor contact, without distorting the conductor's shape
- Made of 1350 aluminum alloy
- Pre-filled with an oxide inhibitor which is held captive in the rib/connection area
- For copper-to-copper combinations, use CF type shown on page C9



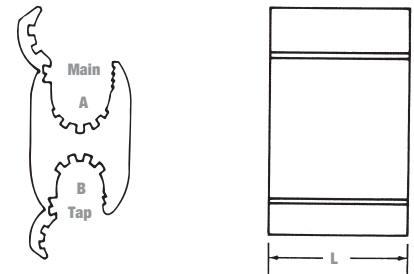
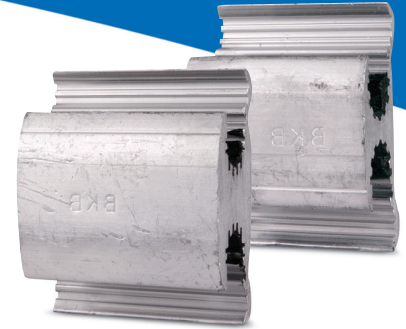
Cat. No.	Connector No.	Conductor Range												Connector Length L (in.)	Installation Information						
		Standard Conductor						Compact Conductor							Connector Die	No. Indents					
		Main			Tap			Main			Tap					Mech. Tool	Hyd. Tool				
		ACSR	Str.	Sol.	ACSR	Str.	Sol.	ACSR	Str.	ACSR	Str.	Max.	Min.					Max.	Min.		
WR159	1	2	2	2			2	2	2	2			0.332	0.162			1-7/16	0	4		
WR189	2	1/0	2/0	3/0	2	1		2/0	2/0				0.419	0.266	0.332	0.162	1-11/16				
WR289	3	2/0	3/0	4/0				3/0	3/0	1	2				0.398						
WR279	4	1/0	2/0	3/0	2/0	3/0	3/0	2/0	2/0	2/0	2/0	2/0	0.470	0.336	0.470	0.36	1-13/16		5	2	
WR379	5	4/0	4/0		2	1		266-18/1	266	1	2		0.475	0.332	0.162						
WR399	6	3/0	4/0		2/0	2/0	3/0	266-18/1	266	2/0	3/0		0.563		0.447	0.338	2-3/16		6		
WR419	7	3/0	3/0		4/0	4/0		4/0	250	266-18/1	266		0.461		0.563	0.461	2-7/16		7	3	

## Compression H-Tap Connectors

### Type WR — Wide Range Aluminum Tap Connectors

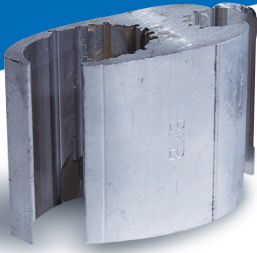
#### Supplemental “O” and “D” Die Seven Connector Program

- For combinations of aluminum-aluminum and aluminum-copper conductors
- Pass the requirements of ANSI C119.4
- Standard compression tools and dies install all sizes
- Seven Connector Program provides superior connector performance, lower connection costs and simplified installation procedures
- Fold-in tabs provide positive tab interlock as tool closes
- Field-proven ribbed design provides unparalleled connector/conductor contact, without distorting the conductor's shape
- Made of 1350 aluminum alloy
- Pre-filled with an oxide inhibitor which is held captive in the rib/connection area
- For copper-to-copper combinations, use CF type shown on page C9



Products on this page are not CSA applicable.

Cat. No.	Conductor Range														Connector Length L (in.)	Installation Information		
	Standard Conductor						Compact Conductor				Diameter (in.)					Connector Die	No. Indents	
	Main			Tap			Main		Tap		Main		Tap				Mech. Tool	Hyd. Tool
	ACSR	Str.	Sol.	ACSR	Str.	Sol.	ACSR	Str.	ACSR	Str.	Max.	Min.	Max.	Min.				
WR149	4 4 6	3 4 6	2 3 4 6		3 4 6	2 3 6	4 6	2 3 6	3 4 6	2 3 6	0.266	0.162	0.266	0.162	1-1/2	0	5	
WR179	1/0 1 2 3	1/0 1 2	1	4 6	3 4 6	4 6	1/0 1 2		4 6	4 6	0.398	0.266	0.066	0.332	1-3/4			
WR199	1/0 1 2 3	1/0 1 2	1	2 3 4	1 2 3 4		1/0 1 2	2/0 1/0 1 4	1 2 3 4	1 2	0.419	0.232	0.419	0.232	1-3/4	4		
WR1010	1/0 1 2 3 4	2/0 1/0 1 2 4	1 2	1/0 1 2 3 4	2/0 1/0 1 2 3 4	1 2	2/0 1/0 1 4	2/0 1/0 1 4	2/0 1/0 1 2	2/0 1/0 1 2	0.419	0.232	0.419	0.232	1-7/8	5	2	
WR259	1/0 1	2/0 1/0		1/0 1	2/0 1/0	-	2/0 1/0	2/0 1/0	2/0 1/0	2/0 1/0	0.326	0.412	0.292	0.162	1-7/8	5		
WR299	2/0 1/0	3/0 2/0		4 6	3 4 6	2 3 6	3/0 2/0	3/0	4 6	3 4 6	0.470	0.398	0.266	0.162	1-1/2	4		
WR219	1/0 1	1/0 1		1/0 1 2	1/0 1	-	1/0	2/0 1/0	1/0	2/0 1/0	0.398	0.324	0.398	0.316	1-7/8	D	5	
WR239	2/0 1/0	2/0 1/0	-	2 3 4	1 2 3	1 2	2/0 1/0	4/0 3/0	1 2 3 4	1 2	0.447	0.365	0.332	0.236				
WR229		3/0 2/0		1/0 1 2	1/0 1	-	3/0 2/0		1/0 1	2/0 1/0	0.470		0.398	0.316				
WR269	2/0	2/0		2/0 1/0	2/0 1/0	-	2/0	3/0	2/0 1/0	3/0 2/0 1/0	0.447		0.447	0.336				

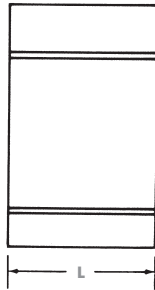
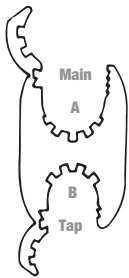


## Compression H-Tap Connectors

### Type WR — Wide Range Aluminum Tap Connectors

#### Supplemental “O” and “D” Die Seven Connector Program

- For combinations of aluminum-aluminum and aluminum-copper conductors
- Pass the requirements of ANSI C119.4
- Standard compression tools and dies install all sizes
- Seven Connector Program provides superior connector performance, lower connection costs and simplified installation procedures
- Fold-in tabs provide positive tab interlock as tool closes
- Field-proven ribbed design provides unparalleled connector/conductor contact, without distorting the conductor's shape
- Made of 1350 aluminum alloy
- Pre-filled with an oxide inhibitor which is held captive in the rib/connection area
- For copper-to-copper combinations, use CF type shown on page C9



Products on this page are not CSA applicable.

Cat. No.	Conductor Range														Connector Length L (in.)	Installation Information									
	Standard Conductor*						Compact Conductor				Diameter (in.)					Connector Die	No. Indents								
	Main			Tap			Main		Tap		Main		Tap				Mech. Tool	Hyd. Tool							
	ACSR	Str.	Sol.	ACSR	Str.	Sol.	ACSR	Str.	ACSR	Str.	Max.	Min.	Max.	Min.											
WR319	3/0	3/0	-	2	1	1	3/0	4/0	1	1	0.502	0.332	0.229	1-7/8	D	5	2								
WR339				3	2	2			2/0	2/0								3/0	2/0	2/0	0.447	0.336	2-1/8	6	
WR359	4/0	3/0		4	3	2	266	1/0	1/0	1/0								0.563	0.266	0.162	1-7/8	D	4	2	
WR369				6	4	3			266	1															1
WR369**	4/0	3/0		1	1/0	1	266	4/0	1/0	1/0								0.63	0.423	0.3763	0.232	1-7/8	D	5	2
WR389				2	1	1			266	2															
WR389**	4/0	3/0		1/0	1/0	1/0	266	4/0	1/0	1/0								0.563	0.423	0.3763	0.232	1-7/8	D	5	2
WR389**				2	1	1			266	2															
WR389	4/0	3/0		2/0	3/0	-	266	4/0	3/0	3/0								0.563	0.461	0.376	2-3/16	D	6	2	
WR389**				1/0	2/0	1/0			266	2/0															2/0

\*Will accept conductors of these same wire sizes with a 3% reduction of diameter (compressed).  
 \*\*This range possible only when crimped with hydraulic tool TBM14M or JB12B.

## Compression H-Tap Connectors

### Type WR — Wide Range Aluminum Tap Connectors “N” Die for Hydraulic Tools, 12-Ton and Greater

- For combinations of aluminum-aluminum and aluminum-copper conductors
- Pass the requirements of ANSI C119.4
- Standard compression tools and dies install all sizes
- Seven Connector Program provides superior connector performance, lower connection costs and simplified installation procedures
- Fold-in tabs provide positive tab interlock as tool closes
- Field-proven ribbed design provides unparalleled connector/conductor contact, without distorting the conductor's shape
- Made of 1350 aluminum alloy
- Pre-filled with an oxide inhibitor which is held captive in the rib/connection area
- For copper-to-copper combinations, use CF type shown on page C9

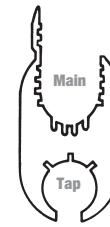
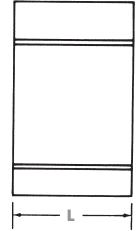


Fig. 1



Fig. 2



Products on this page are not CSA applicable.

Cat. No.	Conductor Range												Connector Length L (in.)	Installation Information	
	Standard Conductor*					Compact Conductor				Diameter (in.)				For Use with Tool	No. of Indents
	Main		Tap		Sol.	Main		Tap		Max.	Min.	Max.			
ACSR	Str.	ACSR	Str.		ACSR	Str.	ACSR	Str.							
WR715	397-18/1	400	2/0	2/0	3/0	477	500	2/0	3/0	0.753	0.447	0.162	2	2	
		397	1/0	1/0	2/0			1/0	2/0						
		350	1	1	1			1	1						
		336	2	2	2			2	2						
		300	3	3	3			3	3						
		266	4	4	4			4	4						
250	6	6	6	6	6										
WR775	336 266	400	400	400		477	500	500	500	0.743	0.743	0.520	3	3	
		397	397	397				400	400						
		350	397-18/1	350	-			397	397						
		336	336	336				336	336						
		300	266	300				300	300						
		266	4/0	266				266	266						
250	250	250		250	250										
4/0	4/0	4/0		4/0	4/0										
WR815	556 500	2/0	2/0	3/0	556	477	2/0	3/0	0.520	0.447	0.162	2	TBM12, JB12B and Y-35	2	
		1/0	1/0	2/0			1/0	2/0							
		1	1	1			1	1							
		2	2	2			2	2							
		3	3	3			3	3							
		4	4	4			4	4							
6	6	6	6	6											
WR835	477-18/1	400	4/0	4/0	4/0	477	556	266	250	0.858	0.563	0.368	2	3	
		397	3/0	3/0	3/0			4/0	4/0						
		350	2/0	2/0	2/0			3/0	3/0						
		336	1/0	1/0	2/0			2/0	2/0						
		300													
		266													
250															
WR875**	397 336 266 4/0	477-18/1	350	397	477	556	400	397	0.684	0.520	3	3			
		266	336	350			397	350							
		250	300	366			336	336							
			266				397	300							
			250				350	266							
							336	250							
WR885	500 400 397 350 336 300 266 250 4/0	477-18/1	500		477	556	556	556	0.814	0.814	3	3			
		397	400				477	477							
		350	397				397	397							
		336	350				394	350							
		300	300				336	336							
		266	266				300	300							
250	250		266	266											
4/0	4/0		250	250											

\* Will accept conductors of these same wire sizes with a 3% reduction of diameter (compressed).

\*\* Not reversible (Fig. 2).



## Compression H-Tap Connectors

### Type WR — Wide Range Aluminum Tap Connectors “N” Die for Hydraulic Tools, 10-Ton and Greater

- For combinations of aluminum-aluminum and aluminum-copper conductors
- Pass the requirements of ANSI C119.4
- Standard compression tools and dies install all sizes
- Seven Connector Program provides superior connector performance, lower connection costs and simplified installation procedures
- Fold-in tabs provide positive tab interlock as tool closes
- Field-proven ribbed design provides unparalleled connector/conductor contact, without distorting the conductor's shape
- Made of 1350 aluminum alloy
- Pre-filled with an oxide inhibitor which is held captive in the rib/connection area
- For copper-to-copper combinations, use CF type shown on page C9

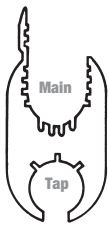


Fig. 1

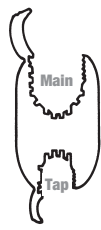
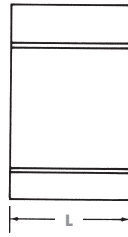


Fig. 2



Products on this page are not CSA applicable.

Cat. No.	Conductor Range											Connector Length L (in.)	Installation Information		
	Standard Conductor*					Compact Conductor				Diameter (in.)			For Use with Tool	No. of Indents	
	Main		Tap		Sol.	Main		Tap		Main	Tap				
	ACSR	Str.	ACSR	Str.		ACSR	Str.	ACSR	Str.	Max.	Min.				
<b>WR699</b>			4 6	3 4 6	2 3 4 6			4 6	2 3 4 6			0.266	0.162		
<b>WR719</b>	397-18/1 336 266	400 397 350 336 300 266 250	2/0 1/0 1 2 3	2/0 1/0 1 2	3/0 2/0 1/0 1	477 397 350 336	477 397 350 300	2/0 1/0 1 2	3/0 2/0 1/0 2	0.743	0.570	0.447	0.289	2	2
<b>WR739</b>			4/0 3/0 2/0 1/0	4/0 3/0 2/0	4/0			266 4/0 3/0	266 250 4/0			0.563	0.398		
<b>WR779</b>			397-18/1 336 266	400 397 350 336 266 250	477 397			477 397 336	0.743			0.570	3		
<b>WR799</b>	477-18/1 266	500 250	4 6	3 4 6	2 3 4 6	477-18/1 250	500 250	3 4 6	2 3 4 6	0.814	0.575	0.270	0.160	TBM12, JB12B and 13642M	2
<b>WR819</b>	477-18/1 397 336	556 500 477 450 400 397 350 336	2/0 1/0 1 2 3	2/0 1/0 1 2	3/0 2/0 1/0 1	556 477 397	556 477 397	2/0 1/0 1 2	3/0 2/0 1/0 2	0.858	0.659	0.477	0.289		
<b>WR839</b>			4/0 3/0 2/0	4/0 3/0	4/0			266 4/0 3/0	266 250 4/0			0.563	0.477		
<b>WR879**</b>			336-18/1 266	350 336 300 266	397			397 336	0.684			0.593	3		
<b>WR889</b>	500 400 397 350 336	477-18/1 397 336	500 400 397 350 336	—	556 477 397 336	556 477 397 350	556 477 397 336	556 477 397 350	0.814	0.666	0.814	0.666			

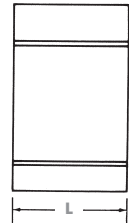
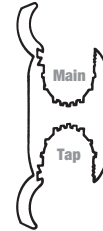
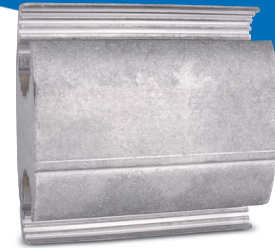
\*Will accept conductors of these same wire sizes with a 3% reduction of diameter (compressed).

\*\*Not reversible (Fig. 2).

## Compression H-Tap Connectors

### Type WR — Wide Range Aluminum Tap Connectors “R” Die Seven Connector Program

- For combinations of aluminum-aluminum and aluminum-copper conductors
- Pass the requirements of ANSI C119.4
- Standard compression tools and dies install all sizes
- Seven Connector Program provides superior connector performance, lower connection costs and simplified installation procedures
- Fold-in tabs provide positive tab interlock as tool closes
- Field-proven ribbed design provides unparalleled connector/conductor contact, without distorting the conductor's shape
- Made of 1350 aluminum alloy
- Pre-filled with an oxide inhibitor which is held captive in the rib/connection area
- For copper-to-copper combinations, use CF type shown on page C9



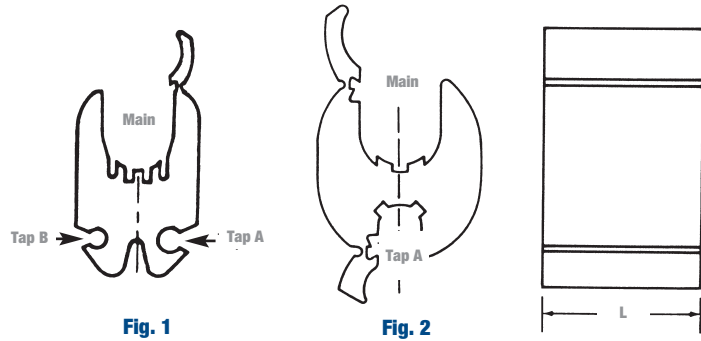
Products on this page are not CSA applicable.

Cat. No.	Conductor Range												Connector Length L (in.)	Installation Information															
	Standard Conductor				Compact Conductor				Diameter (in.)					For Use with Tool	Connector Die	No. of Indents													
	Main		Tap		Main		Tap		Main		Tap																		
	ACSR	Str.	ACSR	Str.	ACSR	Str.	ACSR	Str.	Max.	Min.	Max.	Min.																	
WR909			336-1/81	350			397-1/2	397					0.893	0.666	0.684	0.398													
			266	336			336	336																					
		600	4/0	250			266	300																					
		556	3/0	4/0			4/0	266																					
WR929			556-18/1	500			2/0	250					0.893	0.666	0.893	0.666													
		477	400	600			2/0	4/0																					
		397	477	556	636	700	477	556																					
		336	450	550	556	500	477	550																					
WR949			336-18/1	350			397-18/1	397					1.108	0.883	0.684	0.398													
			266	336			18/1	350																					
			4/0	250			336	300																					
			3/0	4/0			266	266																					
WR969			556-18/1	500			397-2/0	397					1.108	0.883	0.893	0.666													
		900	556	600			700	700																					
		874	550	550	954	1000	556	363																					
		715	477	477	874	874	477	556																					
WR989			795-26/7	800			954-795	954					1.108	0.883	1.108	0.883													
		666	397	450			397	477																					
		636	336	400			795	477																					
		606	300	397				450																					
WR999			954-45/7	1033			954-900	1000					1.172	0.997	1.172	0.997													
		900	900	900			874	900																					
		874	900	7985	800	900	874	900																					
		795	800	715	795	900	874	900																					



## Compression H-Tap Connectors

### Type WR — Street Lighting Compression Connectors



Products on this page are not CSA applicable.

Cat. No.	Figure No.	Conductor Range													Connector Length L (in.)	Installation Information		
		Standard Conductor						Diameter (in.)						For Use with Tool		No. of Indents		
		Main			Tap A		Tap B		Main		Tap A		Tap B			Mech. Tool	Hyd. Tool	
		ACSR	Str.	Sol.	Str.	Sol.	Str.	Sol.	Max.	Min.	Max.	Min.	Max.					Min.
WR9**	2	3 4 6	2 3 4 6	1 2 3 4	8 10 12 14	8 10 12 14	- -	- -	0.292	0.184	0.146	0.064	- -	- -	13/16	5/8 BG	3	-
WR139	1	1/0 1 2 3 4	2/0 1/0 1 2 3	1 2	8 10 12 14	6 8 10 12 14	-	-	0.419	0.250	0.162	0.100	0.092	0.064	1-1/2	D	4	-
WR502		4/0 3/0	4/0 3/0	-					0.563	0.461								
WR502*		4/0 3/0 2/0 1/0	4/0 3/0 2/0 1/0	-					0.365	0.365								

Will accept conductors of these same wire sizes with a 3 % reduction of diameter (compressed).

\* This range possible only when crimped with hydraulic tool TBM14M or JB12B.

\*\* CSA Certified.



## Compression H-Tap Connectors

### Type CF — Copper Compression Tap Connectors

- For tapping copper conductors to unbroken main copper conductors
- Extruded pure electrolytic copper
- Full length tab for easy installation
- Efficient design for lower crimping force
- Standard compression tools and dies
- Single and double tab designs

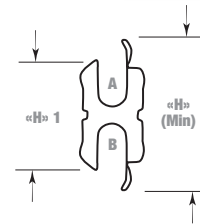
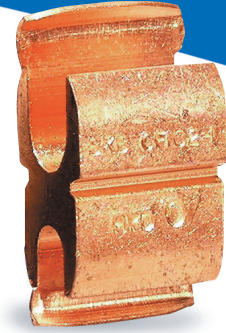


Fig. 1

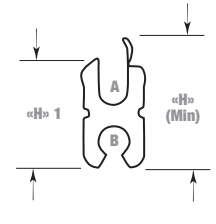


Fig. 2

Cat. No.	Figure No.	Conductor Range								Dimensional Information			Installation Information													
		Standard Conductor*				Diameter (in.)*							Mechanical Tools***		Hydraulic Tools***											
		Main A		Tap B		Main A		Tap B		H (Min.)	H 1	Connector Length (in.)	OD 58	Type 0	MD Series	JB12B	H Series	Y-35	TBM15/Y45/Y46							
ACSR	Str.	Sol.	Str.	Max.	Min.	Max.	Min.																			
CF44-1	1	4	6	4	6	0.204	0.162	0.204	0.128	0.971	0.729	13/16	B, T 5/8	B, T 5/8	W-KB W-BG	BKT	B	BKT U-BG	BKT							
CFS44-1	2	4	6	4	6	0.204	0.162	0.204	0.128	0.864	0.743						BKT									
CF22-1	1	2	4	2	4	0.258	0.204		0.204	1.162	0.813	27/32	K	K	W-KK	-	-	-	BKT							
CFS22-1	2	2	4	2	4	0.258	0.204	0.258	0.162	1.017	0.842					HBKC	BKT	BKT								
CF102-1	1	-	1/0 1 2	2 4 6	0.373	0.292	0.373	0.292	0.162	1.540	1.100	7/8	-	-	-	K-C	C	K-C	BK-C							
CF1010-1																				1/0 1 2	0.373	0.292	1.610	1.050		
CF202-1																				2/0 1/0 1 2	0.419	0.368	0.259	0.204	1.670	1.269
CF2020-1	1	-	2/0 1/0	-	0.419	0.368	0.414	0.292	1.740	1.220																
CF402-1	1	-	4/0 3/0 2/0	2 4	0.528	0.414	0.373	0.292	0.259	0.204	1.983	1-1/8	-	-	-	D**	D**	D**	D**							
CF4010-1																				1/0 1 2	0.528	0.414	0.373	0.292	1.992	1.423
CF4040-1																				4/0 3/0 2/0	0.528	0.414	2.252	1.483		

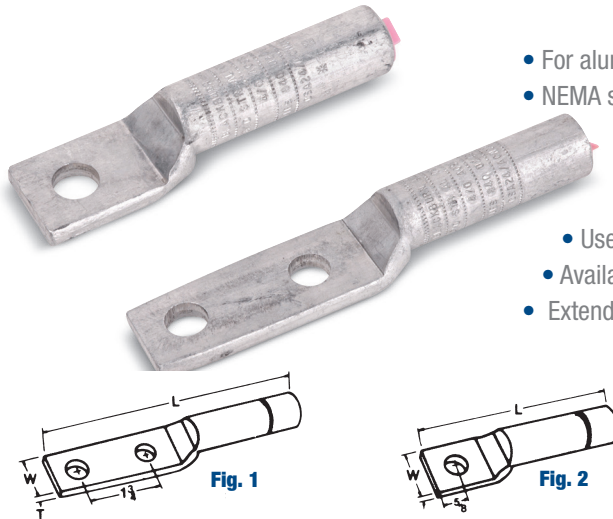
\*Decimal dimensions are for conventional conductor, not Copperweld or Alumoweld.

\*\*Blackburn "D" dies.

\*\*\*Three indents with mechanical tools and one indent with hydraulic tools. 15-Ton/head use appropriate die adapters.

## Distribution Compression Connectors

### Type AL — Aluminum Compression Terminal Lugs



- For aluminum and copper conductor
- NEMA standard mounting holes
  - Prefilled with oxide inhibitor
  - Complete die and crimp information clearly indented on each lug
  - Install with standard tools and dies
- Use 1/2" mounting hardware for all sizes
- Available tin plated (add suffix P to catalogue number)
- Extended barrel for additional crimping area or weather-seal for outdoor terminators

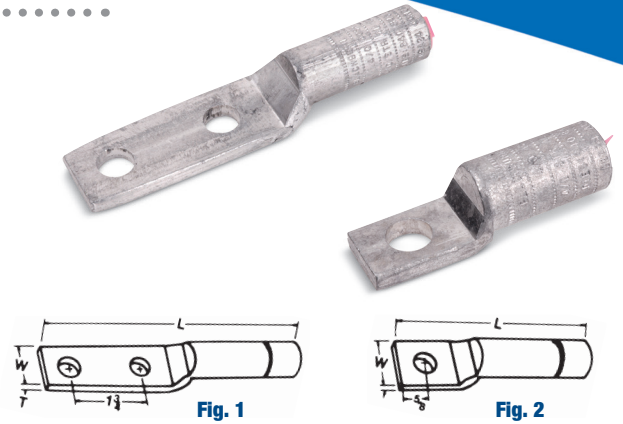
Cat. No.		Conductor Range				Installation Dies		Dimensions					
2 Hole (Fig. 1)	1 Hole (Fig. 2)	ACSR	AWG (Stranded)	Compact	Diameter (in.)		Mech. Tool	Hyd. Tool	W	L	T (Pad Thickness)		
					min.	max.							
AL4		2	1-2	-	0.316	0.332	840 K840 845 TX	840 B49EA EEI, 11A K840 249 76 CSA 24	1-1/4	5-7/8	5/16		
	AL5	1/0	1/0	2/0	0.368	0.398				4-7/8	13/32		
AL6										6-5/8			
	AL7	2/0	2/0	3/0	0.414	0.447				4-7/8	11/32		
AL8										6-5/8			
	AL9	3/0	3/0	4/0	0.464	0.502				4-7/8	5/16		
AL10									6-5/8				
	AL11	4/0	4/0	-	0.522	0.563			4-7/8	9/32			
AL12									6-5/8				
AL16		266-26/7, 6/7, 18/1	250-300	-	0.574	0.679			-	B80EA EEI 13A 655 1-1/8 96H CSA 26	1-1/2	7-5/8	7/16
AL18		266-26/7, 6/7, 18/1, 336-18/1	300-350	450 kcmil	0.609	0.772					1-9/16		13/32
AL20		336-30/7, 26/7, 18/1, 397-18/1	336-400	500 kcmil	0.666	0.813					1-9/16		3/8
AL24		397-30/7, 26/7, 18/1, 477-18/1	450-500	600 kcmil	0.770	0.893	-	106H CSA 28 B20AH EEI 14A 318 1-5/16	1-5/16	8-1/8	1/2		
AL28		477-30/7, 26/7, 18/1, 556-18/1	550 and 556	-	0.846	0.964							
AL32		556-26/7, 24/7, 636-18/1	600 and 636	750 kcmil	0.891	0.990							
AL44		636-26/7, 715-54/7, 666-24/7	750-800	-	0.990	1.031							
AL60*		922-54/7, 954-45/7	1000-1033	-	1.151	1.165	-						

\* For aluminum conductor only

## Distribution Compression Connectors

### Type ALS — Aluminum Compression Terminal Lugs

- For aluminum and copper conductor
- NEMA standard mounting holes
- Prefilled with oxide inhibitor
- Complete die and crimp information clearly indented on each lug
- Install with standard tools and dies
- Use 1/2" mounting hardware for all sizes
- Available tin plated (add suffix P to catalogue number)



Cat. No.		Conductor Range			Installation Dies		Dimensions								
2 Hole (Fig. 1)	1 Hole (Fig. 2)	ACSR	AWG (Stranded)	Compact	Diameter (in.)		Mech. Tool	Hyd. Tool	W	L	T (Pad Thickness)				
					min.	max.									
AL582	AL581	4	4	-	0.277	0.213	5/8 Peach BG WBG G TU	B58CS U-BG	29/32	2-37/64	1/4				
AL584	AL583											2	2	-	0.344
AL586	AL585	1/0	1/0	2/0	0.422	0.381						2-37/64			
ALS1	ALS1	4	4	4	0.258	0.232						840 K840 845 TX	840 B49EA EEI 11A K840 249 76 CSA24	1-1/4	5-3/4
ALS2	ALS3	2	1-2	1-2	0.332	0.316								29/32	3-1/4
ALS4	ALS5	1/0	1/0	2/0	0.398	0.368								1-1/4	5-3/4
ALS6	ALS7	2/0	2/0	3/0	0.447	0.414	29/32	3-1/4							
ALS8	ALS9	3/0	3/0	4/0	0.502	0.464	1-1/4	5-3/4							
ALS10	ALS11	4/0	4/0	-	0.563	0.522	29/32	3-1/4							
ALS12	ALS13	3/0, 4/0	3/0, 4/0	250 300 kcmil	0.575	0.464	1-1/4	5-3/4							
ALS14	ALS15	266-267, 67, 181 kcmil	250-300	350	0.633	0.574	-	B80EA EEI 13A 655 11/8 321 96H CSA 26	1-1/4	4-5/8	38				
ALS16	ALS17	266-267, 67, 181 336-181/1	300-350	350-400	0.684	0.609				6					
ALS18	ALS19	336-307, 267, 181 397-181/1	336-400	450-500	0.743	0.666				4-5/8					
ALS20	ALS23	397-307, 267, 181 477-181/1	450-500	550-600	0.814	0.743				6					
ALS24		477-307, 267, 247 556-181	550-556	650-700	0.883	0.846				5-9/16				1-3/8	6-7/8
ALS28		556-267, 267 636-181	600-636	750	0.940	0.891									
ALS32		636-267, 715-547 666-267, 547	750-800	900	1.031	0.990	-	B20AH EEI 14A 318 15/16 CSA 28 106H	1-3/8	7-1/4	58				
ALS44		900-547 954-457	1000-1033	1033	1.172	1.151						1-1/2 6024 125H CSA 30			
ALS60*															

\* For aluminum conductor only

## Colour-Coded Compression Connectors

### Type C — Compression Connectors Covers

- Hinged polyethylene cover
- Installs easily, quickly – less expensive than taping
- Positive snap-locks fasten securely
- Drain ports prevent accumulation of corrosion-causing moisture
- Ultra-violet stabilized



Cat. No.	Capacity*	Dimensions (in.)		
		Height	Length	Width
<b>C2BB</b>	All 5/8 in. and O.D. Die taps, 2 in. long or less	1.10	4.00	1.05
<b>C5C</b>	All "O" Die taps, 1-3/4 in. long or less	1.60	3.75	1.25
<b>C7C</b>	All "D" Die taps, 2-1/2 in. long or less	1.80	5.00	1.45
<b>C9</b>	All "N" and "D" Die taps, up to 2 in. long	2.75	4.25	2.00
<b>C9L</b>	All "N" and "D" Die taps, up to 5 in. long		7.25	

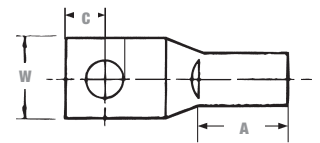
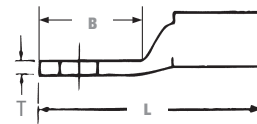
\* Before compression.

## Colour-Coded Compression Connectors

### Type CTL — Copper Lugs, One-Hole Mount, Short Barrel

#### Copper Compression Connectors

- For use with copper conductors: AWG stranded, flexible cable, welding cable and portable cord
- Specially designed for industrial and building applications
- Made of high-conductivity seamless copper tubing
- Tin-plated for corrosion resistance
- Specially chamfered barrel for ease of installation
- Colour-coded for matching die identification
- Can be used for medium voltage application up to 35 kV provided proper insulation techniques are used
- CSA Certified and UL Listed for AWG conductors when installed with Blackburn®, Burndy, T&B® or Anderson tools, as specified by CSA
- Comply with Subpart 111.60-17 of Federal Register's Coast Guard Electrical Engineering Rules and Regulations



#### Short Barrel Connectors

- Short barrel connectors designed for regular duty applications
- Ideal for confined areas



Cat. No.	Conductor Size (Cu)	Stud Size (in.)	Dimensions (in.)							Colour Code
			A	B	C	L	W	T		
CTL8-10	8 str.	10	13/32	1/2	7/32	1-5/32	3/8	1/16	Red	
CTL8-14		1/4	13/32	19/32	1/4	1-3/16	7/16	1/16		
CTL8-516		5/16	13/32	5/8	9/32	1-5/16	9/16	1/16		
CTL6-10	6 str.	10	7/16	17/32	7/32	1-7/32	7/16	1/16	Blue	
CTL6-14		1/4	7/16	17/32	7/32	1-7/32	7/16	1/16		
CTL6-516		5/16	7/16	21/32	9/32	1-13/32	19/32	1/16		
CTL6-38		3/8	7/16	21/32	9/32	1-13/32	19/32	1/16		
CTL4-10	4 str.	10	1/2	19/32	1/4	1-3/8	17/32	3/32	Grey	
CTL4-14		1/4	1/2	19/32	1/4	1-3/8	17/32	3/32		
CTL4-516		5/16	1/2	21/32	5/16	1-13/32	19/32	1/16		
CTL4-38		3/8	1/2	21/32	5/16	1-13/32	19/32	1/16		
CTL2-14	2 + 3 str.	1/4	19/32	21/32	1/4	1-1/2	9/16	3/32	Brown	
CTL2-516		5/16	19/32	7/8	3/8	1-23/32	9/16	3/32		
CTL2-38		3/8	19/32	29/32	3/8	1-3/4	9/16	3/32		
CTL2-12		1/2	19/32	1-1/16	1/2	1-29/32	3/4	1/16		
CTL1-14	1 str.	1/4	19/32	21/32	1/4	1-1/2	21/32	3/32	Green	
CTL1-516		5/16	19/32	7/8	3/8	1-23/32	21/32	3/32		
CTL1-38		3/8	19/32	29/32	3/32	1-3/4	21/32	3/32		
CTL1-12		1/2	19/32	1-1/4	1/2	2-3/32	3/4	3/32		
CTL10-516	1/0 str.	5/16	11/16	7/8	3/8	1-13/16	3/4	1/8	Pink	
CTL10-38		3/8	11/16	29/32	3/8	1-7/8	3/4	1/8		
CTL10-12	2/0 str.	1/2	11/16	1-1/4	1/2	2-3/16	3/4	1/8	Black	
CTL20-38		3/8	13/16	29/32	3/8	2-1/32	13/16	1/8		
CTL20-12	3/0 str.	1/2	13/16	1-1/4	1/2	2-11/32	13/16	1/8	Orange	
CTL30-38		3/8	13/16	29/32	3/8	2-1/32	29/32	1/8		
CTL30-12		1/2	13/16	1-1/4	1/2	2-11/32	29/32	1/8		

See Section E for more tool and die information.

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Cat. No.	Conductor Size (Cu)	Stud Size (in.)	Dimensions (in.)							Colour Code
			A	B	C	L	W	T		
CTL40-38	4/0 str. or 3/0 weld	3/8	15/16	29/32	3/8	2-5/32	1-3/32	1/8	Purple	
CTL40-12		1/2	15/16	1-1/4	1/2	2-1/2	1-1/32	1/8		
CTL250-12	250 kcmil or 4/0 weld	1/2	1-1/32	1-1/4	1/2	2-19/32	1-1/8	1/8	Yellow	
CTL300-12	300 kcmil	1/2	1-1/32	1-1/4	1/2	2-25/32	1-3/16	5/32	White	
CTL350-12	350 kcmil	1/2	1-1/32	1-1/4	1/2	2-25/32	1-11/32	5/32	Red	
CTL400-12	400 kcmil	1/2	1-1/32	1-1/4	1/2	3-3/16	1-13/32	5/32	Blue	
CTL400-58		5/8	1-1/32	1-9/16	5/8	3-1/2	1-13/32	5/32		
CTL500-12	500 kcmil	1/2	1-1/32	1-1/4	1/2	3-1/4	1-19/32	7/32	Brown	
CTL500-58		5/8	1-1/32	1-9/16	5/8	3-9/16	1-19/32	7/32		
CTL600-58	600 kcmil	5/8	1-9/16	1-9/16	5/8	3-23/32	1-3/4	7/32	Green	
CTL750-58	750 kcmil	5/8	1-1/2	1-9/16	5/8	3-25/32	1-29/32	1/4	Black	
CTL1000-58	1000 kcmil	5/8	1-3/4	1-9/16	5/8	4-1/32	2-1/4	9/32	-	

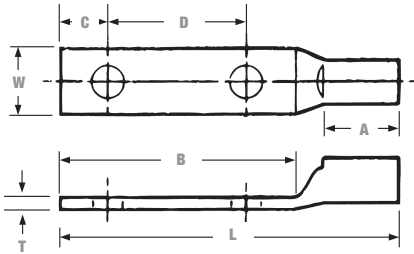


## Colour-Coded Compression Connectors

### Type CTL — Copper Lugs, Two-Hole Mount, Short Barrel

#### Copper Compression Connectors

- For use with copper conductors: AWG stranded, flexible cable, welding cable and portable cord
- Specially designed for industrial and building applications
- Made of high-conductivity seamless copper tubing
- Tin-plated for corrosion resistance
- Specially chamfered barrel for ease of installation
- Colour-coded for matching die identification
- Can be used for medium voltage application up to 35 kV provided proper insulation techniques are used
- CSA Certified and UL Listed for AWG conductors when installed with Blackburn®, Burndy, T&B® or Anderson tools, as specified by CSA
- Comply with Subpart 111.60-17 of Federal Register's Coast Guard Electrical Engineering Rules and Regulations



#### Short Barrel Connectors

- Short barrel connectors designed for regular duty applications
- Ideal for confined areas



Cat. No.	Conductor Size (Cu)	Stud Size (in.)	Dimensions (in.)							Colour Code
			A	B	C	D	L	W	T	
CTL6-214	6 str.	1/4	1/2	1-1/4	1/4	5/8	1-31/32	13/32	1/16	Blue
CTL4-214	4 str.	1/4	1/2	1-1/4	1/4	5/8	2-1/32	1/2	3/32	Grey
CTL2-2516	2 + 3 str.	5/16	19/32	1-5/8	3/8	3/4	2-15/32	9/16	3/32	Brown
CTL1-2516	1 str.	5/16	19/32	1-3/4	3/8	7/8	2-19/32	21/32	3/32	Green
CTL10-2516	1/0 str.	5/16	11/16	1-3/4	3/8	7/8	2-11/16	3/4	1/8	Pink
CTL202	2/0 str.	1/2	13/16	2-13/16	1/2	1-3/4	3-13/16	13/16	1/8	Black
CTL302	3/0 str.	1/2	25/32	2-13/16	1/2	1-3/4	3-15/16	15/16	1/8	Orange
CTL402	4/0 str.	1/2	15/16	3	1/2	1-3/4	4-1/4	1-3/32	1/8	Purple
CTL2502	250 kcmil	1/2	1-1/32	3	1/2	1-3/4	4-11/32	1-1/8	5/32	Yellow
CTL3002	300 kcmil	1/2	1-1/32	3	1/2	1-3/4	4-17/32	1-3/16	5/32	White
CTL3502	350 kcmil	1/2	1-1/32	3	1/2	1-3/4	4-17/32	1-11/32	5/32	Red
CTL4002	400 kcmil	1/2	1-11/32	3	1/2	1-3/4	4-15/16	1-13/32	5/32	Blue
CTL5002	500 kcmil	1/2	1-3/8	3	1/2	1-3/4	5	1-17/32	7/32	Brown
CTL6002-38	600 kcmil	3/8	1-17/32	1-29/32	3/8	1-3/4	5-1/8	1-23/32	7/32	Green
CTL6002-12		1/2	1-17/32	3	1/2	1-3/4	5-1/8	1-23/32	7/32	Green
CTL7502	750 kcmil	1/2	1-1/2	3	1/2	1-3/4	5-7/32	1-29/32	1/4	Black
CTL10002	1000 kcmil	1/2	1-3/4	3	1/2	1-3/4	5-7/16	2-1/4	9/32	-

See Section E for more tool and die information.

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## Colour-Coded Compression Connectors

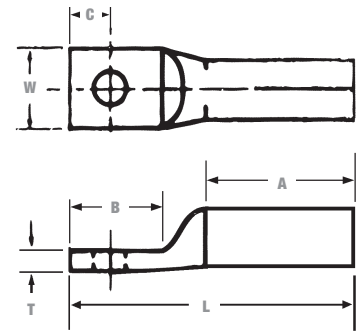
### Type CTL — Copper Lugs, One-Hole Mount, Long Barrel

#### Copper Compression Connectors

- For use with copper conductors: AWG stranded, flexible cable, welding cable and portable cord
- Specially designed for industrial and building applications
- Made of high-conductivity seamless copper tubing
- Tin-plated for corrosion resistance
- Specially chamfered barrel for ease of installation
- Colour-coded for matching die identification
- Can be used for medium voltage application up to 35 kV provided proper insulation techniques are used
- CSA Certified and UL Listed for AWG conductors when installed with Blackburn®, Burndy, T&B® or Anderson tools, as specified by CSA
- Comply with Subpart 111.60-17 of Federal Register's Coast Guard Electrical Engineering Rules and Regulations

#### Long Barrel Connectors

- Ideal for industrial, oil rig, mining, welding and transportation electrical termination applications
- Heavy duty design which permits additional crimp for added mechanical strength



Cat. No.	Conductor Size (Cu)	Flexible Conductor Size	Stranded	Stud Size (in.)	Dimensions (in.)						Colour Code
					A	B	C	L	W	T	
CTL8L-14	8 str.	1/4	37/24	1/4	25/32	5/8	1/4	1-5/8	13/32	1/16	Red
CTL6L-14	6 str.		61/24	1/4	25/32	5/8	1/4	1-5/8	13/32	1/16	Blue
CTL4L-14	4 str.		91/24	1/4	25/32	5/8	1/4	1-11/16	1/2	3/32	Grey
CTL2L-516	2 + 3 str.	5/16	125/24	5/16	7/8	7/8	3/8	2-1/32	9/16	3/32	Brown
CTL1L-516	1 str.		150/24	5/16	1-3/32	7/8	3/8	2-5/32	21/32	3/32	Green
CTL10L-516	1/0 str.		225/24	5/16	1-3/32	7/8	3/8	2-7/32	3/4	1/8	Pink
CTL20L-38	2/0 str.	1/2	275/24	3/8	1-3/32	29/32	3/8	2-1/4	13/16	1/8	Black
CTL30L-12	3/0 str.		325/24	1/2	1-1/8	1-1/4	1/2	2-11/16	29/32	1/8	Orange
CTL40L-12	4/0 str.		—	1/2	1-3/8	1-1/4	1/2	2-15/16	1-1/32	1/8	Purple
CTL250L-12	250 kcmil	5/8	450/24	1/2	1-19/32	1-1/4	1/2	3-1/8	1-1/8	1/8	Yellow
CTL300L-12	300 kcmil		550/24	1/2	1-25/32	1-1/4	1/2	3-17/32	1-3/16	1/8	White
CTL350L-12	350 kcmil		650/24	1/2	1-27/32	1-1/4	5/8	3-19/32	1-11/32	5/32	Red
CTL400L-58	400 kcmil	5/8	775/24	5/8	1-27/32	1-9/16	5/8	4-1/32	1-13/32	5/32	Blue
CTL500L-58	500 kcmil		925/24	5/8	2-11/32	1-9/16	5/8	4-1/2	1-19/32	3/16	Brown
CTL600L-58	600 kcmil		1100/24	5/8	2-1/8	1-9/16	5/8	4-5/16	1-23/32	7/32	Green
CTL750L-58	750 kcmil		1325/24	5/8	2-3/8	1-9/16	5/8	4-21/32	1-29/32	1/4	Black
CTL1000L-58	1000 kcmil		1600/24 1925/24	5/8	2-7/8	1-9/16	5/8	5-5/32	2-1/4	9/32	—

See Section E for more tool and die information.

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## Colour-Coded Compression Connectors



### Type LCN — Copper Lugs, Two-Hole Mount, Long Barrel

#### Copper Compression Connectors

- For use with copper conductors: AWG stranded, flexible cable, welding cable and portable cord
- Specially designed for industrial and building applications
- Made of high-conductivity seamless copper tubing
- Tin-plated for corrosion resistance
- Specially chamfered barrel for ease of installation
- Colour-coded for matching die identification
- Can be used for medium voltage application up to 35 kV provided proper insulation techniques are used
- CSA Certified and UL Listed for AWG conductors when installed with Blackburn®, Burndy, T&B® or Anderson tools, as specified by CSA
- Comply with Subpart 111.60-17 of Federal Register's Coast Guard Electrical Engineering Rules and Regulations

#### Long Barrel Connectors

- Ideal for industrial, oil rig, mining, welding and transportation electrical termination applications
- Heavy duty design which permits additional crimp for added mechanical strength



Cat. No.	Conductor Size (Cu)	Flexible Conductor Size	Stranded	Stud Size (in.)	Dimensions (in.)							Colour Code
					A	B	C	D	L	W	T	
LCN8-14	8 str.	8	37/24	1/4	25/32	1-3/16	1/4	5/8	2-1/8	15/32	1/16	Red
LCN6-14	6 str.	6	61/24	1/4	25/32	1-1/4	1/4	5/8	1-1/4	13/32	1/16	Blue
LCN6-12				1/2	25/32	3	1/2	1-3/4	4-5/32	7/8	3/32	
LCN4-14	4 str.	5	91/24	1/4	25/32	1-3/16	1/4	5/8	2-3/16	17/32	3/16	Grey
LCN4-12				1/2	25/32	3	1/2	1-3/4	4-5/32	7/8	3/32	
LCN2-516	2 + 3 str.	3	125/24	5/16	7/8	1-5/8	3/8	3/4	2-15/16	9/16	3/32	Brown
LCN2-12	2 str.			1/2	7/8	3	1/2	1-3/4	4-1/4	7/8	3/32	
LCN1-516	1 str.	2	150/24	5/16	1-1/32	1-5/8	3/8	7/8	2-31/32	21/32	3/32	Green
LCN1-12				1/2	1-1/32	3	1/2	1-3/4	4-13/32	7/8	3/32	
LCN10	1/0 str.	1	225/24	1/2	1-1/32	3	1/2	1-3/4	3-31/32	3/4	1/8	Pink
LCN20	2/0 str.	1/0	275/24	1/2	1-5/16	3	1/2	1-3/4	4-3/16	13/16	1/8	Black
LCN30	3/0 str.	2/0	325/24	1/2	1-1/8	2-15/16	1/2	1-3/4	4-7/16	15/16	1/8	Orange
LCN40	4/0 str.	—	—	1/2	1-3/8	3	1/2	1-3/4	4-11/16	1-1/32	1/8	Purple
LCN250	250 kcmil	3/0	450/24	1/2	1-19/32	3	1/2	1-3/4	4-29/32	1-1/16	1/8	Yellow
LCN300	300 kcmil	4/0	550/24	1/2	1-25/32	3	1/2	1-3/4	5-9/32	1-3/16	1/8	White
LCN350	350 kcmil	263	650/24	1/2	1-27/32	3	1/2	1-3/4	5-11/32	1-11/32	5/32	Red
LCN400	400 kcmil	313	775/24	1/2	1-27/32	3	1/2	1-3/4	5-7/16	1-13/32	5/32	Blue
LCN500	500 kcmil	373	925/24	1/2	2-11/32	3	1/2	1-3/4	5-15/16	1-19/32	3/16	Brown
LCN600	600 kcmil	444	1100/24	1/2	2-1/8	3	1/2	1-3/4	5-3/4	1-23/32	7/32	Green
LCN75	750 kcmil	535	1325/24	1/2	2-3/8	3	1/2	1-3/4	6-3/32	1-29/32	1/4	Black
LCN99	1000 kcmil	646 777	1600/24 1925/24	1/2	2-7/8	3	1/2	1-3/4	6-19/32	2-1/4	9/32	—

See Section E for more tool and die information.

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## Colour-Coded Compression Connectors

### Type CSP — Copper Splices, Short Barrel

#### Copper Compression Connectors

- For use with copper conductors: AWG stranded, flexible cable, welding cable and portable cord
- Specially designed for industrial and building applications
- Made of high-conductivity seamless copper tubing
- Tin-plated for corrosion resistance
- Specially chamfered barrel for ease of installation
- Colour-coded for matching die identification
- Can be used for medium voltage application up to 35 kV provided proper insulation techniques are used
- CSA Certified and UL Listed for AWG conductors when installed with Blackburn®, Burndy, T&B® or Anderson tools, as specified by CSA
- Comply with Subpart 111.60-17 of Federal Register's Coast Guard Electrical Engineering Rules and Regulations



#### Short Barrel Connectors

- Short barrel connectors designed for regular duty applications
- Ideal for confined areas



Cat. No.	Conductor Size (Cu)	Length L (in.)	Colour Code
CSP8	8 str.	1	Red
CSP6	6 str.		Blue
CSP4	4 str.		Grey
CSP2	2 + 3 str.	1-1/4	Brown
CSP1	1 str.	1-1/2	Green
CSP10	1/0 str.	1-5/8	Pink
CSP20	2/0 str.	1-3/4	Black
CSP30	3/0 str.		Orange
CSP40	4/0 str.		Purple
CSP250	250 kcmil	2-1/4	Yellow
CSP300	300 kcmil	1-1/8	White
CSP350	350 kcmil	2-1/4	Red
CSP400	400 kcmil	2-3/4	Blue
CSP500	500 kcmil		Brown
CSP600	600 kcmil		Green
CSP750	750 kcmil	3	Black
CSP1000	1000 kcmil		-

See Section E for more tool and die information.

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## Colour-Coded Compression Connectors

### Type CU — Copper Splices, Long Barrel

#### Copper Compression Connectors

- For use with copper conductors: AWG stranded, flexible cable, welding cable and portable cord
- Specially designed for industrial and building applications
- Made of high-conductivity seamless copper tubing
- Tin-plated for corrosion resistance
- Specially chamfered barrel for ease of installation
- Colour-coded for matching die identification
- Can be used for medium voltage application up to 35 kV provided proper insulation techniques are used
- CSA Certified and UL Listed for AWG conductors when installed with Blackburn®, Burndy, T&B® or Anderson tools, as specified by CSA
- Comply with Subpart 111.60-17 of Federal Register's Coast Guard Electrical Engineering Rules and Regulations

#### Long Barrel Connectors

- Ideal for industrial, oil rig, mining, welding and transportation electrical termination applications
- Heavy duty design which permits additional crimp for added mechanical strength



Cat. No.	Conductor Size (Cu)	Flexible Conductor		Stud Size (in.)	Length L (in.)	Colour Code		
		CMA	Stranded					
CU8	8 str.	8	37/24	1/4	1-3/4	Red		
CU6	6 str.	6	61/24			Blue		
CU4	4 str.	5	91/24			Grey		
CU2	2 + 3 str.	3	125/24			Brown		
CU1	1 str.	2	150/24	5/16	2	Green		
CU10	1/0 str.	1	225/24			Pink		
CU20	2/0 str.	1/2	275/24	3/8	2-1/8	Black		
CU30	3/0 str.	2/0	325/24			Orange		
CU40	4/0 str.	-	-			2-1/4	Purple	
CU250	250 kcmil	3/0	450/24			2-3/4	Yellow	
CU300	300 kcmil	4/0	550/24	1/2	3-3/8	White		
CU350	350 kcmil	263	650/24			3-1/2	Red	
CU400	400 kcmil	313	775/24			3-3/4	Blue	
CU500	500 kcmil	373	925/24			4-3/4	Brown	
CU600	600 kcmil	444	1100/24			4-1/4	Green	
CU750	750 kcmil	535	1325/24			4-3/4	Black	
CU1000	1000 kcmil	646	1600/24			5/8	5-5/8	-
		777	1925/24					

See Section E for more tool and die information.

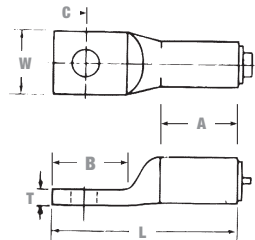
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## Colour-Coded Compression Connectors

### Type ATL — Aluminum Lugs, One-Hole

#### Aluminum Compression Connectors

- Specifically designed for use with aluminum conductors (concentric, compressed or compact)
- Also listed for use with copper conductors
- Made of high-conductivity seamless aluminum tubing
- Tin-plated for corrosion resistance
- Chamfered barrels for ease of installation
- Can be used for medium voltage applications up to 35 kV provided proper insulation techniques are used
- CSA Certified and UL Listed for AWG conductors when installed with Blackburn®, Burndy, T&B® or Anderson tools, as specified by CSA
- Colour-coded for quick, easy die identification
- Pre-filled with oxide inhibiting compound



Cat. No.	Conductor Size		Stud Size (in.)	Dimensions (in.)						Colour Code
	(Al)	(Cu)		A	B	C	L	W	T	
ATL8-10	8 str.	6 AWG	10	1/2	19/32	7/32	1-9/32	13/32	3/32	Blue
ATL8-14			1/4	1/2	11/16	11/32	1-3/8	7/16	3/32	Blue
ATL6-10	6 str.	4 AWG	10	25/32	9/16	7/32	1-1/2	15/32	1/8	Grey
ATL6-14			1/4	25/32	23/32	15/32	1-21/32	15/32	1/8	
ATL6-38			3/8	27/32	29/32	7/16	1-27/32	5/8	3/32	Grey
ATL4-14	4 str.	1 AWG	1/4	27/32	13/16	11/32	1-29/32	5/8	3/16	Green
ATL4-516			5/16	27/32	1	7/16	2-1/16	5/8	3/16	
ATL4-38			3/8	27/32	29/32	7/16	2	5/8	3/16	Green
ATL2-14	2 + 3 str.	1/0 AWG	1/4	27/32	25/32	11/32	1-15/16	23/32	3/16	Pink
ATL2-516			5/16	27/32	7/8	7/16	2-11/32	3/4	3/16	
ATL2-38			3/5	27/32	29/32	7/16	2-1/16	23/32	3/16	Pink
ATL1-516	1 str.		5/16	27/32	7/8	7/16	2-1/32	23/32	3/16	Gold
ATL1-38			3/8	27/32	29/32	7/16	2-3/8	3/4	3/16	
ATL10-516	1/0 str.	-	5/16	1-5/32	1	7/16	2-17/32	7/8	3/16	Tan
ATL10-38			3/8	1-5/32	1-1/16	7/16	2-19/32	7/8	3/16	
ATL10-12			1/2	1-5/32	1-3/8	11/16	2-15/16	15/16	3/16	Tan
ATL20-38	2/0 str.		3/8	1-3/16	1	7/16	2-5/8	31/32	7/32	Olive
ATL20-12			1/2	1-3/16	1-3/8	11/16	3	1-1/32	7/32	
ATL30-38	3/0 str.		3/8	1-11/32	1-1/16	7/16	2-13/16	1-1/16	7/32	Ruby
ATL30-12			1/5	1-11/32	1-3/8	11/16	3-1/8	1-1/16	7/32	
ATL40-38	4/0 str.	300 kcmil	3/8	1-7/8	1-3/32	3/8	3-3/4	1-3/16	1/4	White
ATL40-12			1/2	1-7/8	1-1/4	1/2	3-7/8	1-3/16	1/4	
ATL250-12	250 kcmil	350 kcmil	1/2	2-1/32	1-1/4	1/2	4-1/32	1-9/32	1/4	Red
ATL300-38	300 kcmil	400 kcmil	3/8	2	1-5/16	3/8	4-3/16	1-3/8	9/32	Blue
ATL300-12			1/2	2	1-5/16	1/2	4-3/16	1-3/8	9/32	
ATL350-12	350 kcmil	500 kcmil	1/2	2-11/16	1-5/16	1/2	4-7/8	1-1/2	5/16	Brown
ATL400-58	400 kcmil	600 kcmil	5/8	2-11/16	1-1/4	1/2	4-15/16	1-5/8	3/8	Green
ATL500-12	500 kcmil	700 kcmil	1/2	2-11/16	1-1/4	1/2	4-15/16	1-25/32	3/8	Pink
ATL500-58			5/8	2-11/16	2	3/4	5-11/16	1-25/32	3/8	
ATL600-12	-	600 kcmil	1/2	2-11/16	2	3/4	5-13/16	1-29/32	11/32	Black
ATL750-12	750 kcmil	900 kcmil	1/2	2-7/8	1-1/4	1/2	5-1/4	2-1/8	3/8	-
ATL750-58			5/8	2-7/8	2	3/4	6-1/32	2-1/8	3/8	

See Section E for more tool and die information.

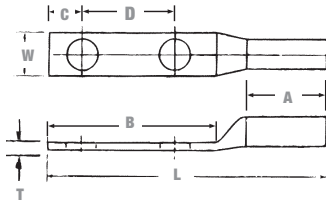


## Colour-Coded Compression Connectors

### Type ATL — Aluminum Lugs, Two-Hole

#### Aluminum Compression Connectors

- Specifically designed for use with aluminum conductors (concentric, compressed or compact)
- Also listed for use with copper conductors
- Made of high-conductivity seamless aluminum tubing
- Tin-plated for corrosion resistance
- Chamfered barrels for ease of installation
- Can be used for medium voltage applications up to 35 kV provided proper insulation techniques are used
- Colour-coded for quick, easy die identification
- Pre-filled with oxide inhibiting compound
- CSA Certified and UL Listed for AWG conductors when installed with Blackburn®, Burndy, T&B® or Anderson tools, as specified by CSA



Cat. No.	Conductor Size		Stud Size (in.)	Dimensions (in.)						Colour Code	
	(Al)	(Cu)		A	B	C	D	L	W		T
ATL102-38	1/0 str.	-	3/8	1-5/32	2-1/16	3/8	1	3-19/32	7/8	3/16	Tan
ATL102			1/2	1-3/16	3	1/2	1-3/4	4-9/16	15/16	3/16	
ATL202	2/0 str.	-	1/2	1-3/16	3-3/8	3/4	1-3/4	5	31/32	7/32	Olive
ATL302			1/2	1-11/32	3-3/8	3/4	1-3/4	5-5/32	1-1/16	7/32	Ruby
ATL402	4/0 str.	300 kcmil	1/2	1-7/8	3	1/2	1-3/4	5-5/8	1-3/16	1/4	White
ATL2502	250 kcmil	350 kcmil	1/2	2-1/32	3	1/2	1-3/4	5-25/32	1-9/32	1/4	Red
ATL3002	300 kcmil	400 kcmil	1/2	2	3	1/2	1-3/4	5-7/8	1-3/8	9/32	Blue
ATL3502	350 kcmil	500 kcmil	1/2	2-11/16	3	1/2	1-3/4	6-9/16	1-1/2	5/16	Brown
ATL4002	400 kcmil	600 kcmil	1/2	2-11/16	3	1/2	1-3/4	6-11/16	1-5/8	3/8	Green
ATL5002	500 kcmil	700 kcmil	1/2	2-11/16	3	1/2	1-3/4	6-11/16	1-25/32	3/8	Pink
ATL6002	-	600 kcmil	1/2	2-11/16	3	1/2	1-3/4	6-13/16	1-29/32	11/32	Black
ATL7502	750 kcmil	900 kcmil	1/2	2-7/8	3	1/2	1-3/4	7-1/8	2-1/8	3/8	-

See Section E for more tool and die information.

## Colour-Coded Compression Connectors

### Type ASP — Aluminum Splices

#### Aluminum Compression Connectors

- Specifically designed for use with aluminum conductors (concentric, compressed or compact)
- Also listed for use with copper conductors
- Made of high-conductivity seamless aluminum tubing
- Tin-plated for corrosion resistance
- Chamfered barrels for ease of installation
- Can be used for medium voltage applications up to 35 kV provided proper insulation techniques are used
- Colour-coded for quick, easy die identification
- Pre-filled with oxide inhibiting compound
- CSA Certified and UL Listed when installed with Blackburn®, Burndy, T&B® or Anderson tools, as specified by CSA

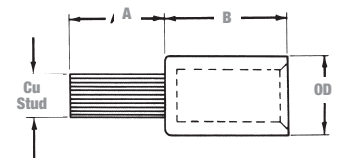


Cat. No.	Conductor Size		Length L (in.)	Colour Code
	(Al)	(Cu)		
ASP8	8 str.	6 AWG	1-1/4	Blue
ASP6	6 str.	4 AWG	1-5/8	Grey
ASP4	4 str.	1 AWG	1-7/8	Green
ASP2	2 + 3 str.	1/0 AWG		Pink
ASP1	1 str.	-	2-3/8	Gold
ASP10	1/0 str.			Tan
ASP20	2/0 str.	-	2-1/2	Olive
ASP30	3/0 str.			Ruby
ASP40	4/0 str.	300 kcmil	3-3/4	White
ASP250	250 kcmil	350 kcmil	4	Red
ASP300	300 kcmil	400 kcmil		Blue
ASP350	350 kcmil	500 kcmil	3-7/8	Brown
ASP400	400 kcmil	600 kcmil	4-7/8	Green
ASP500	500 kcmil	700 kcmil	5	Pink
ASP600	-	600 kcmil	5-1/8	Black
ASP750	750 kcmil	900 kcmil	5-3/8	-
ASP1000	1000 kcmil	-	6	-

See Section E for more tool and die information.

### Type PA — Pin Adapter Terminals

- Connector for aluminum conductors only; pigtail may be inserted into either aluminum or copper connectors
- Insulating cover included
- 90°C Rating per UL standard
- Tin-plated stranded copper wire pigtail
- Tin-plated aluminum barrel pre-filled with oxide inhibitor and capped



Cat. No.	Conductor Size (Al)	Copper Stud Size	Dimensions (in.)			Colour Code	Die #
			A	B	O.D.		
PA06	6 str.	8	7/8	1-11/32	0.640	Orange	50
PA04	4 str.	6					
PA02	2 str.	4					
PA01	1 str.	3	1	1-19/32	0.906	Red	76
PA11	1/0 str.	2	1-1/4				
PA21	2/0 str.	1	1-1/4				
PA31	3/0 str.	1/0	1-3/8	1-7/8	-	-	-
PA41	4/0 str.	2/0					
PA25	250 kcmil	3/0	1-1/2	2-1/16	1.155	Brown	87H
PA30	300 kcmil	4/0	2-1/8				
PA35	350 kcmil		1-5/8	1-7/8	1.375	-	-
PA40	400 kcmil	250 kcmil	2-3/32				
PA50	500 kcmil	350 kcmil	1-7/8	2-3/4	1.500	Black	106H
PA60	600 kcmil						
PA75	750 kcmil	500 kcmil	2	2-3/4	1.500	Yellow	115H

UL Listed.  
CSA not applicable.

T&B Dies									
Alum. Wire Size	Die Code	UT3	UT5	TBM5	TBM6	TBM8	13642 12-Ton	TBM15 UT15	21920 20-Ton
#6 – #1	50	5/8	TU	Orange	-	-	-	15529	-
1/0 – 4/0	76 or 76H	-	TX	-	13472 Red 13476 Red	13467	11744	15512	11170
250 kcmil – 350 kcmil	87H	-	TH	-	-	13468	11746	15506	11176
400 kcmil – 500 kcmil	106H	-	-	-	-	-	11749	15515	11140
600 kcmil – 750 kcmil	115H	-	-	-	-	-	11753	15504	11157



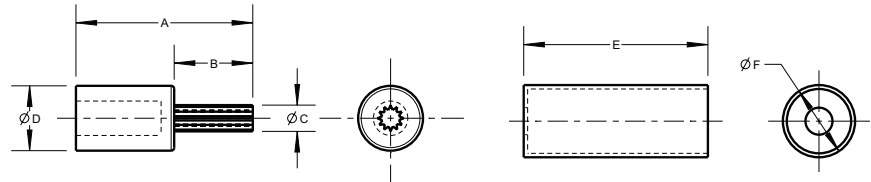
## Colour-Coded Compression Connectors

### Type OAPA – Offset Pin Style and Type APA Center Pin Style

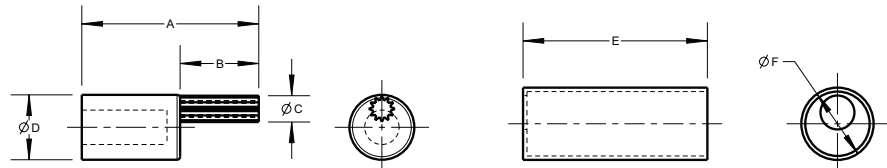
#### Optimum design to allow a reliable termination of aluminum or copper

- Easily transition large aluminum cables into mechanical lugs
- Simplify installations in tight working spaces
- Knurled pins provide a solid contact area to ensure low-resistance connection
- Manufactured from high-conductivity aluminum alloy
- Tin plated to eliminate the possibility of galvanic corrosion
- Pre-filled with oxide inhibitor to ensure airtight termination
- Kitted with an insulating boot to eliminate taping

#### Center pin style



#### Offset pin style



**Material:** High-conductivity aluminum alloy

**Plating:** Electro-tin plated

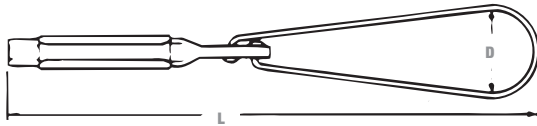
**Insulating boot:** EPDM rubber except APA-1000 and OAPA-1000 boot are PVC

Cat. No. Center pin style	Cat. No. Offset pin style	Wire size	A Overall Length (in.)	B Pin Length (in.)	C Pin Dia. (in.)	D Barrell Dia. (in.)	E Boot Length (in.)	F Boot Dia.(in.)	Die/Colour code
APA-6	–	#6 AWG	1.85	0.68	0.24	0.60	3.06	0.81	50/Tan
APA-4	–	#4 AWG	1.85	0.68	0.24	0.60	3.06	0.81	50/Tan
APA-2	–	#2 AWG	1.85	0.68	0.24	0.60	3.06	0.81	50/Tan
APA-1	–	#1 AWG	2.01	0.84	0.26	0.60	3.06	0.81	50/Tan
APA-1/0	–	1/0 AWG	2.21	0.84	0.29	0.85	3.22	1.08	66/White
APA-2/0	OAPA-2/0	2/0 AWG	2.21	0.84	0.33	0.85	3.22	1.08	66/White
APA-3/0	OAPA-3/0	3/0 AWG	2.59	1.22	0.37	0.85	3.22	1.08	66/White
APA-4/0	OAPA-4/0	4/0 AWG	2.59	1.22	0.42	0.85	3.22	1.08	66/White
APA-250	OAPA-250	250 kcmil	2.63	1.22	0.47	1.10	3.50	1.30	87/Brown
APA-300	OAPA-300	300 kcmil	2.75	1.34	0.53	1.10	3.50	1.30	87/Brown
APA-350	OAPA-350	350 kcmil	2.75	1.34	0.57	1.10	3.50	1.30	87/Brown
APA-400	OAPA-400	400 kcmil	3.63	1.60	0.68	1.32	3.75	1.47	99/Pink
APA-500	OAPA-500	500 kcmil	3.63	1.60	0.68	1.32	3.75	1.47	99/Pink
APA-600	OAPA-600	600 kcmil	3.67	1.64	0.73	1.46	4.06	1.72	115/Yellow
APA-750	OAPA-750	750 kcmil	3.79	1.76	0.81	1.46	4.06	1.72	115/Yellow
APA-1000	OAPA-1000	1000 kcmil	4.03	2.00	0.90	1.70	3.33	2.04	140/–

## Service Wedge Clamps

### Type W — Stainless Steel Wedge Clamps

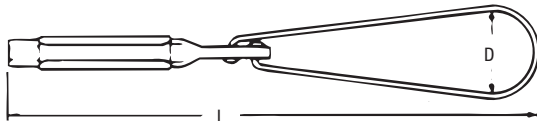
- For use on copper neutral
- Stainless Steel wedge and slider



Cat. No.	Conductor Range			Dimensions (in.)		Typical Tensile Values	
	ACSR	Al	AAAC	D	L	Conductor	Value (lb.)
W62D	2-6	1 str. - 6 sol.	2-6	2-3/8 flex.	12	2 6 x 1 ACSR	1200

### Type W — Aluminum Service Wedge Clamps for use with ACSR, Aluminum, AAAC Conductors

- For dead-ending self-supporting drop wire
- Saves conductor – drop wire may be cut to exact length
- Can be attached to bare neutral at any point in the span
- Adjustments in drop wire sag are easily made
- Grips ACSR, AAAC, or aluminum conductors



"FC" Flexible Bail  
(Bail Length – 11-1/2 in.)

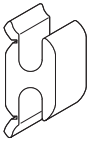


Rigid Stainless Steel Bail  
(Bail Length – 6-1/2 in.)

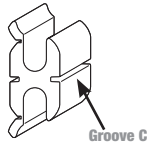
Cat. No.	Description	Conductor Range			Dimensions (in.)		Typical Tensile Values	
		ACSR	Al	AAAC	D	L	Conductor	Value (lb.)
W62-1	W-1 Series Aluminum Wedge and Slider	2-6	1 str. - 6 sol.	2-6	2-3/8 flex.	12, 17-1/2	2 6 x 1 ACSR	1200
W62-1FC	W-1 Series Aluminum Wedge and Slider	2-6	1 str. - 6 sol.	2-6	2-3/8 flex.	12, 17-1/2	2 6 x 1 ACSR	1200
W20-1	W-1 Series Aluminum Wedge and Slider	1/0-4	2/0 str. - 2 sol.	1/0-4	2-3/8 flex.	12-1/2, 18-1/2	1/0 6 x 1 ACSR	1800
W20-1FC	W-1 Series Aluminum Wedge and Slider	1/0-4	2/0 str. - 2 sol.	1/0-4	2-3/8 flex.	12-1/2, 18-1/2	1/0 6 x 1 ACSR	1800
W40-1*	W-1 Series Aluminum Wedge and Slider	4/0-2/0	4/0 str. - 2 sol.	4/0-2/0	2-3/8 flex.	12-3/4, 18-1/2	4/0 6 x 1 ACSR	1900
W40-1FC*	W-1 Series Aluminum Wedge and Slider	4/0-2/0	4/0 str. - 2 sol.	4/0-2/0	2-3/8 flex.	12-3/4, 18-1/2	4/0 6 x 1 ACSR	1900
W62-1B	W-1B Series for extremely corrosive areas. Iridited Aluminum Wedge and Slider	2-6	1 str. - 6 sol.	2-6	2-3/8 flex.	12, 17-1/2	2 6 x 1 ACSR	1200
W62-1BFC	W-1B Series for extremely corrosive areas. Iridited Aluminum Wedge and Slider	2-6	1 str. - 6 sol.	2-6	2-3/8 flex.	12, 17-1/2	2 6 x 1 ACSR	1200
W20-1B	W-1B Series for extremely corrosive areas. Iridited Aluminum Wedge and Slider	1/0-4	2/0 str. - 2 sol.	1/0-4	2-3/8 flex.	12-1/2, 18-1/2	1/0 6 x 1 ACSR	1800
W20-1BFC	W-1B Series for extremely corrosive areas. Iridited Aluminum Wedge and Slider	1/0-4	2/0 str. - 2 sol.	1/0-4	2-3/8 flex.	12-1/2, 18-1/2	1/0 6 x 1 ACSR	1800
W40-1B*	W-1B Series for extremely corrosive areas. Iridited Aluminum Wedge and Slider	4/0-2/0	4/0 str. - 2 sol.	4/0-2/0	2-3/8 flex.	12-3/4, 18-1/2	4/0 6 x 1 ACSR	1900
W40-1BFC*	W-1B Series for extremely corrosive areas. Iridited Aluminum Wedge and Slider	4/0-2/0	4/0 str. - 2 sol.	4/0-2/0	2-3/8 flex.	12-3/4, 18-1/2	4/0 6 x 1 ACSR	1900

\* W40 series clamps rated 850 lb. ultimate tension for 1/0 ACSR, AL, or AAAC.

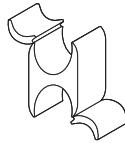
## Aluminum H-Type Compression Connectors and Connector Covers



Style 1

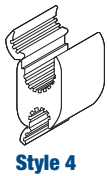


Style 2

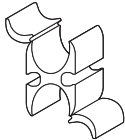


Style 3

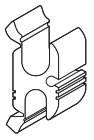
- Prevents oxidation and keeps out moisture
- Easy identification for easy installation
- Approved by the Federal government for utility use
- Comply with ANSI C119.4 when properly installed on aluminum-to-aluminum or aluminum-to-copper conductors



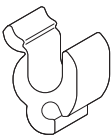
Style 4



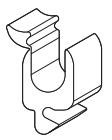
Style 5



Style 6



Style 7



Style 8

Cat. No.	Style	Standard Conductor/ACSR/AAC											L	Die	Tap CVR.
		Main Groove, "A" Range				Tap Groove, "B" Range				Side Groove, "C" Range					
		Groove "A" Decimal Range	ACSR	Str.	Sol.	Groove "B" Decimal Range	ACSR	Str.	Sol.	Groove "C" Decimal Range	Str.	Sol.			
UB 214	7	0.325-0.162	#2 (7/1)-#6 (6/1)	#2(7)-#6(7)	#1-#6	0.146-0.064	-	#8-#14	#7-#14	-	-	-	3/4	5/8 or BG	-
OB 2014	8	0.447-0.292	2/0 (6/1)-#2 (6/1)	2/0(19)-#2(7)	-	0.146-0.064	-	#8-#14	#7-#14	-	-	-	3/4	-	-
OB 44	4	0.332-0.162	#2 (7/1)-#6 (6/1)	#1(19)-#6(7)	#2-#6	0.332-0.162	#2 (7/1)-#6 (6/1)	#1(19)-#6(7)	#2-#6	-	-	-	1-3/8	0	CO 20 B
OB1													1-1/2		
OB 22	6	0.325-0.162	#2 (7/1)-#6 (6/1)	#2(7)-#6(7)	#2-#6	0.325-0.162	#2 (7/1)-#6 (6/1)	#2(7)-#6(7)	#2-#6	0.148-0.062	#8-#14	8-#14	1-1/2	-	-
OB 101	4	0.419-0.258	1/0 (6/1)-#2 (6/1)	2/0(19)-#2(7)	#2	0.332-0.162	#2 (7/1)-#6 (6/1)	#1(19)-#6(7)	#2-#6	-	-	-	1-3/8	0	CO 20 B
OB 2													1-3/4		
OB 103	1	0.398-0.162	1/0 (6/1)-#6 (6/1)	1/0(19)-#6(7)	#2-#6	0.332-0.162	#2 (7/1)-#6 (6/1)	#1(19)-#6(7)	#2-#6	-	-	-	1-1/2	-	-
OB 1010	1	0.419-0.232	1/0 (6/1)-#4 (6/1)	2/0(19)-#4(7)	#2	0.419-0.232	1/0 (6/1)-#4 (6/1)	2/0(19)-#4(7)	#2	-	-	-	1-1/2	-	-
DB 202	4	0.464-0.354	2/0 (6/1)-#1 (6/1)	3/0(7)-1/0(7)	-	0.332-0.162	#2 (7/1)-#6 (6/1)	#1(19)-#6(7)	#2-#6	-	-	-	1-1/2	D or D3	CD 40 B
DB 3													1-7/8		
DB 2020	2	0.464-0.354	2/0 (6/1)-#1 (6/1)	3/0(7)-1/0(7)	-	0.464-0.354	2/0 (6/1)-#1 (6/1)	3/0(7)-1/0(7)	-	-	-	-	1-7/8	-	-
DB 404	4	0.563-0.464	4/0 (6/1)-3/0 (6/1)	3/0(7)-4/0(19)	-	0.332-0.162	#2 (7/1)-#6 (6/1)	#1(19)-#6(7)	#2-#6	-	-	-	1-3/8	D or D3	CD 40 B
DB5													1-7/8		
DB 4020	1	0.563-0.464	4/0 (6/1)-3/0 (6/1)	3/0(7)-4/0(19)	-	0.470-0.316	2/0 (6/1)-#2 (6/1)	3/0(19)-#1(7)	-	-	-	-	1-7/8	D or D3	CD 40 B
DB 6													2-1/2		
DB 4040	1	0.563-0.464	4/0 (6/1)-3/0 (6/1)	3/0(7)-4/0(19)	-	0.563-0.464	4/0 (6/1)-3/0 (6/1)	4/0(19)-3/0(7)	-	-	-	-	2-3/16	D or D3	CD 40 B
DB 7													2-1/2		
NB 500	3	0.814-0.522	477 (18/1)-4/0 (6/1)	500(37)-4/0(7)	-	0.814-0.522	477 (18/1)-4/0 (6/1)	500(37)-4/0(7)	-	-	-	-	3-3/4	-	NC 600 B
NB 50040	4	0.858-0.528	477 (26/7)-4/0 (6/1)	556.5(37)-4/0(19)	-	0.556-0.368	4/0 (6/1)-1/0 (18/1)	4/0(19)-1/0(7)	3/0-4/0	-	-	-	2	N	NC 600 B
NB 60020	3	0.915-0.575	556.5 (24/7)-266.8 (18/1)	600(61)-250(37)	-	0.419-0.162	1/0 (6/1)-#6 (6/1)	2/0(19)-#6(7)	2/0-#6	-	-	-	2-1/8	-	-
ZB 954	3	1.196-0.586	954 (54/7)-266.8 (18/1)	1000(61)-266.8(7)	-	1.196-0.568	954 (54/7)-266.8 (18/1)	1000(61)-266.8(7)	-	-	-	-	6	-	-
ZB 95440	5	1.140-0.586	795 (30/19)-266.8 (18/1)	750(61)-266.8(7)	-	0.741-0.522	336.4 (30/7)-4/0 (6/1)	350(37)-4/0(7)	-	-	-	-	3	Z or R	-
ZB 95410	5	1.140-0.586	795 (30/19)-266.8 (18/1)	750(61)-266.8(7)	-	0.563-0.368	4/0 (6/1)-1/0 (6/1)	4/0(19)-1/0(7)	-	0.292-0.162	#2-#6	#2-#6	3	Z or R	-

Install with hydraulic tools only. Use UT 5 tool with "O" and "D" connector dies; use UT 15 tool with "O," "D," "N" or "Z" connector dies. For more information, please consult your Thomas & Betts representative. For Kearney, use "O" and "D" connector dies with mechanical or hydraulic tools. For Burndy®, use "O" and "D-3" connector dies with mechanical or hydraulic tools; use "N," "Z" or "R" connector dies with hydraulic tools. Burndy is a registered trademark of Hubbell Incorporated.

### Secure double-locking latches provide a close-fitting top and bottom seal

- Provide a highly reliable end enclosure
- Prevent accumulation of water within the cover, regardless of which half of the cover is down
- Resists the elements, UV sun rays and common contaminants



CO 20 B



CN 600 B

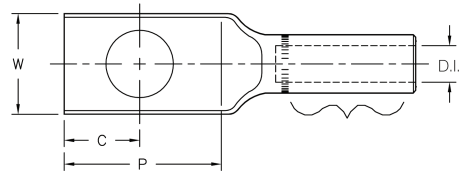
Cat. No.	Height (in.)	Length (in.)	Width (in.)
CO 20 B	2-1/4	4-1/2	1-5/8
CD 40 B	2-3/8	5-5/8	1-3/4
CN 600 B	2-15/16	6-7/8	2-1/2



## Aluminum Lugs

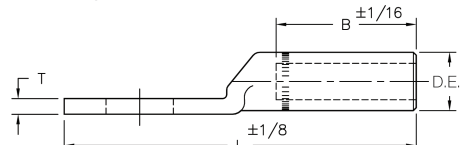
### One-Hole CSA Die Lugs

- Use with aluminum and copper conductors
- Provides high strength and high-conductivity
- Prevents oxidation and keeps out moisture
- Easy identification
- Meet or exceed ANSI C119.4 specifications



Marking Information \_\_\_\_\_  
 Cat. No. \_\_\_\_\_  
 Wire Size \_\_\_\_\_  
 Die Size \_\_\_\_\_

# of crimps and locations to be determined according to connector

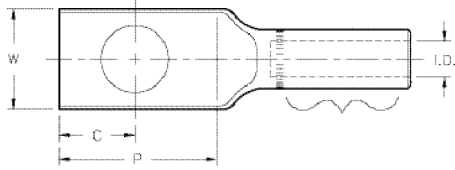


Cat. No.	Wire Size	CSA Die	O.D.	I.D.	Dimensions					
					L	B	P	W	C	T
GLE 2-48	2 str.-Compr-CPT	22	0.635	0.340	3.13	1.37	1.31	0.88	0.63	0.20
GLE 1/0-48	1/0 str.-Compr-CPT		0.640	0.420						0.21
GLE 2/0-48	2/0 str.-Compr-CPT	24	0.840	0.503	3.44	1.37	1.31	1.14	0.63	0.28
GLE 3/0-48	3/0 str.-Compr-CPT			0.547						0.28
GLE 4/0-48	4/0 str.-Compr-CPT	24-6T	1.000	0.597	3.75	1.63	1.31	1.25	0.63	0.36
GLE 250-48	250 str.-Compr-CPT	26		0.620						0.36
GLE 300-48	300 str.-Compr-CPT	26-12T	1.189	0.670	5.00	2.50	1.50	1.75	0.88	0.34
GLE 350-48	350 str.-Compr-CPT	28		0.730						0.34
GLE 500-48	500 str.-Compr-CPT	28-12T	1.187	0.836	5.88	3.00	1.88	1.75	0.88	0.52
GLE 500-48-30	500 str.-Compr-CPT	30-12T		0.880						0.52
GLE 750-48	750 str.-Compr-CPT	30	1.438	1.031	5.88	3.00	1.88	1.75	0.88	0.56

Finish: Tin-plated optional, use suffix "-TN".  
 Material: E.C. Grade Aluminum.  
 Connector bores are coated with HM 53 an oxide inhibiting compound and capped.  
 Mounting holes sized for 1/2 in. bolts (9/16 hole size).  
 Optional suffix "-38" for 3/8 bolts (13/32 hole size).

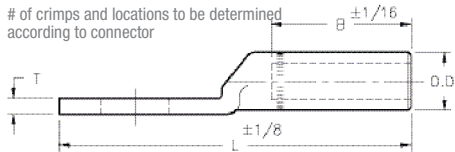
## Aluminum Lugs

### Two-Hole CSA Die Lugs



Marking Information \_\_\_\_\_  
 Cat. No. \_\_\_\_\_  
 Wire Size \_\_\_\_\_  
 Die Size \_\_\_\_\_

# of crimps and locations to be determined according to connector



- Use with aluminum and copper conductors
- Provides high strength and high-conductivity
- Prevents oxidation and keeps out moisture
- Easy identification
- Meet or exceed ANSI C119.4 specifications

Cat. No.	Wire Size	CSA Die	O.D.	I.D.	Dimensions				
					L	B	P	W	T
GLE 2 N	2 str.—Compr—CPT	22	0.635	0.350	5.29	1.50	3.13	0.88	0.20
GLE 1/0 N	1/0 str.—Compr—CPT		0.640	0.420	5.25	1.50	3.13	0.87	0.21
GLE 2/0 N	2/0 str.—Compr—CPT	24	0.840	0.503	5.29	1.50	3.13	1.04	0.28
GLE 3/0 N	3/0 str.—Compr—CPT			0.547	5.38	1.50	3.13	1.14	0.28
GLE 4/0 N	4/0 str.—Compr—CPT	24-6T		0.594	5.38	1.50	3.13	1.14	0.28
GLE 250 N	250 str.—Compr—CPT	26	1.000	0.620	6.00	2.00	3.13	1.25	0.36
GLE 300 N	300 str.—Compr—CPT	26-12T		0.670	6.00	2.00	3.13	1.25	0.36
GLE 350 N	350 str.—Compr—CPT	28	1.189	0.730	6.00	2.00	3.13	1.25	0.37
GLE 500 N	500 str.—Compr—CPT	28-12T	1.187	0.836	6.38	2.25	3.13	1.25	0.37
GLE 500 N-30	500 str.—Compr—CPT	30	1.438	0.880	6.38	2.50	3.13	1.75	0.40
GLE 750 N	750 str.—Compr—CPT			1.031	7.50	3.00	3.13	1.75	0.40

Finish: Tin-plated optional, use suffix "-TN".

Material: E.C. Grade Aluminum.

Connector bores are coated with HM 53 a oxide inhibiting compound and capped.

Mounting holes sized for 1/2 in. bolts (9/16 hole size).

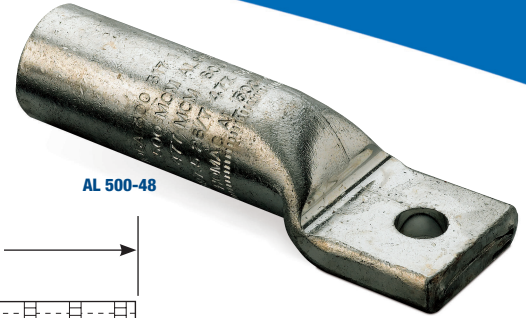
Optional suffix "-38" for 3/8 bolts (13/32 hole size).

## Aluminum Lugs

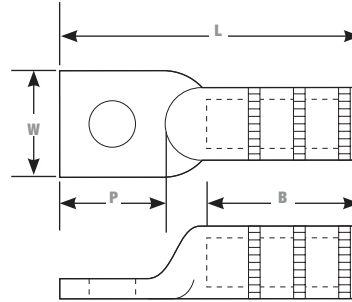
### One-Hole NEMA Die Lugs

#### General-purpose lugs for aluminum and copper terminations

- Use with aluminum and copper conductors
- Provides high strength and high-conductivity
- Prevents oxidation and keeps out moisture
- Easy identification
- Meet or exceed ANSI C119.4 specifications



AL 500-48



Cat. No.	Conductor Range				Bolt Size	Installing Dies	Dimensions					
	Concentric	Compressed	Compact	ACSR			B	L	P	W		
AL 6-14	#6	-			1/4	TP, 29, 161, 5/16	3/4	2-5/32	7/8	9/16		
AL 4-516	#4				5/16	TB, 37, 375, 162	15/16	2-1/4	31/32	5/8		
AL 4-14					1/4		15/16	2-1/4	31/32	5/8		
AL 2-14	#2				1/4		59/64	2-5/8	1-1/32	3/4		
AL 2-38					3/8	TQ, 45, 348, 163, 1/2, 6A	59/64	2-5/8	1-1/32	3/4		
AL 1-38	#1				3/8		59/64	2-5/8	1-1/32	3/4		
AL 1/0-38					3/8		1-3/8	3-1/8	1-5/16	7/8		
AL 1/0-48	1/0				1/2		1-3/8	3-1/8	1-5/16	7/8		
AL 2/0-38					3/8	TU, 52, BG, 243, 5/8	1-5/16	3-3/16	1-7/32	15/16		
AL 2/0-48	2/0				1/2		1-5/16	3-3/16	1-7/32	15/16		
AL 3/0-38					3/8	TW-TY, 58, 297, 5/8 -1	1-9/16	3-7/16	1-5/16	1-1/16		
AL 3/0-48	3/0				1/2		737, 467	1-9/16	3-7/16	1-5/16	1-1/16	
AL 4/0-38					3/8		1-7/16	3-9/16	1-11/32	1-3/16		
AL 4/0-48	4/0				1/2		TX, 71H, 298, 840, 11A	1-7/16	3-9/16	1-11/32	1-3/16	
AL 250-48					250, 4/0	1/2	4/0	TX, 76, 249, 840, 11A	1-9/16	3-5/8	1-5/16	1-15/64
AL 300-48	300, 266.8				350	266.8 (18/1)	1/2	TH, 87H, 251, 470, 1, 12A	2-3/16	4	1-5/16	1-3/8
AL 350-48	350, 336.4				400	266.8 (26/7), 336.4 (18/1)	1/2		2-3/16	4-1/4	1-5/16	1-1/2
AL 400-48	400, 397.5				-	336.4 (26/7), 397.5 (18/1)	1/2	96, 299, 655, 1-1/8-1, 13A	2-1/2	4-7/8	1-1/4	1-5/8
AL 400-58					5/8		2-1/2	4-7/8	1-1/4	1-5/8		
AL 500-48	500, 477				600	379.5 (26/7), 477 (18/1)	1/2	106A, 300, 317, 1-5/16, 14A	3	5-7/16	1-1/2	1-3/4
AL 500-58		5/8		3	5-7/16	1-1/2	1-3/4					
AL 600-48	600, 550	-	477 (26/7), 556.5 (18/1)	1/2	1-5/16, 115H, 786, 936, 473	3	5-21/32	1-9/16	1-15/16			
AL 600-58		5/8		3	5-21/32	1-9/16	1-15/16					
AL 750-48	750, 700	-	636 (26/7)	1/2	140H, 301, 342, 1-1/2	3-3/8	6-3/8	1-7/8	1-3/4			
AL 750-58		5/8		3-3/8	6-3/8	1-7/8	1-3/4					
AL 800-48	800	-	-	1/2	1-1/2, 474, 140H	3-9/16	6-5/8	2-1/32	1-3/4			
AL 800-58		5/8		3-9/16	6-5/8	2-1/32	1-3/16					
AL 1000-48	1000, 954	-	795 (26/7), 954 (45/7)	1/2	161, 292, 302, 319, 1-3/4	4-5/8	7-15/16	1-7/8	2-7/16			
AL 1000-58		5/8		4-5/8	7-15/16	1-7/8	2-7/16					

For tin-plated, add "-TN" suffix to the catalogue number. All tin-plated lugs are UL Listed through 1000 kcmil. For straight lugs with tapered ends used in high-voltage applications, please consult your Thomas & Betts representative.

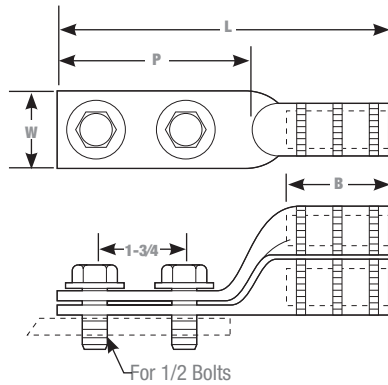


## Aluminum Lugs

### Two-Hole NEMA Lugs

General-purpose lugs for aluminum and copper terminations

- Use with aluminum and copper conductors
- Provides high strength and high-conductivity
- Prevents oxidation and keeps out moisture
- Easy identification
- Meet or exceed ANSI C119.4 specifications



Straight Lug Cat. No.	Stacking Lug Cat. No.	Conductor Range					Installing Dies	Dimensions			
		Concentric	Compr.	Compact	ACSR	Solid		B	L	P	W
SA 6 N	ASL 6 N	#6	#6	#6, #4	#6	4	TU, 52, BG, 243, 5/8, CSA 22	1-15/32	5-1/4	3-3/16	7/8
SA 4 N	ASL 4 N	#4	#4	-	#4	2		1-15/32	5-1/4	3-3/16	7/8
SA 2 N	ASL 2 N	#2-#1	#1	#1	#2	1/0		1-1/2	5-3/16	3-1/4	1
AL 1/0 N	ASL 1/0 N	1/0		2/0	1/0	2/0	TU, 52, BG, 243, 5/8	1-1/2	5-1/4	3-3/16	7/8
AL 2/0 N	ASL 2/0 N	2/0					TW-TY, 58, 297, 5/8-1	1-1/2	5-1/4	3-3/16	15/16
AL 3/0 N	ASL 3/0 N	3/0					TV, 66, 167, 467, 10A	1-7/16	5-1/2	3-1/4	1-1/16
AL 4/0 N	ASL 4/0 N	4/0					TX, 71H, 298, 840, 11A	1-15/16	6	3-11/32	1-15/64
AL 250 N	ASL 250 N	250, 4/0		250-300	4/0 (6/1)		TX, 76, 249, 840, 11A	1-15/16	6	3-11/32	1-15/64
AL 300 N	ASL 300 N	300, 266.8		350	266.8 (18/1)		TH, 87H, 251, 470, 1, 12A	2-3/16	6-9/16	3-9/16	1-11/32
AL 350 N	ASL 350 N	350, 336.4			266.8 (26/7), 336.4 (18/1)		96, 299, 655, 1-1/8-1, 705, 13A	2-3/16	6-9/16	3-11/16	1-3/4
AL 336 NSC	-	397.5-400					1-1/4, 99H, 317, 20AH	4-3/16	9	3-11/16	1-21/32
AL 400 N	ASL 400 N	400, 397.5			336.4 (26/7), 397.5 (18/1)		96, 472, 655, 1-1/8-1, 1-1/8-2, 705, 316, 13A	2-7/16	7-5/16	3-9/16	1-3/4
AL 500 N	ASL 500 N	500, 477		500-600	397.5 (26/7), 477 (18/1)		106A, 300, 317, 1-5/16, 14A, 15A	2-15/16	8-1/4	3-9/16	1-3/4
AL 500 N 608	-			600			608	3-1/3	8-1/4	3-9/16	1-3/4
AL 600 N	ASL 600 N	600, 550	-		477 (26/7), 556.5 (18/1)		1-5/16, 115H, 786, 936, 473	2-15/16	7-3/4	3-5/8	1-3/4*
AL 700 N 608	-	700, 600		700-795			125H, 608	3-1/6	7-3/8	3-1/2	1-3/4
AL 750 N	ASL 750 N	750, 700			636 (26/7)		140H, 301, 342, 1-1/2	3-5/16	8-1/4	3-3/4	1-3/4*
AL 750 N 608	ASL 750 N 608						125H, 608	3-3/8	8-1/4	3-5/8	1-3/4
AL 800 N	ASL 800 N	800, 795			663 (30/19), 715.5 (54/7)		140H, 474, 342, 724, 1-1/2	3-11/32	8-5/16	3-5/8	1-3/4*
AL 800 N 608	-	800, 700			636 (30/19), 715.5 (54/7)		608	3-1/3	8-1/4	3-5/8	1-3/4
AL 1000 N	ASL 1000 N	1000, 954			795 (26/7, 30/19), 954 (45/7)			4-11/16	8-9/16	3-5/8	2-7/16
AL 1000 SSN	ASL 1000 SSN						161, 292, 302, 319, 1-3/4	4-11/16	9-7/8	1-7/8	2-7/16
AL 1000 NMSNP	-	1000						4-11/16	9-1/2	3-5/8	1-3/4
AL 954 NMSNP	-				954 (54/7)			4-11/16	9-3/8	3-5/8	1-3/4
AL 1250 N	ASL 1250 N	1200-1300			1113 (45/7), 1192.5 (45/7)		161, 727, 352	4-11/16	9-11/16	3-5/8	2-21/32
AL 1750 N	ASL 1750 N	1750					214, 735, 225	5-1/2	10-7/8	3-7/8	3-13/32
AL 2000 N	ASL 2000 N	2000					479	6-1/16	11-15/16	3-7/8	3-13/32

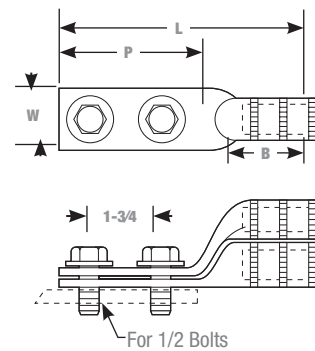
For tin-plated, add "-TN" suffix to the catalogue number. All tin-plated lugs are UL Listed through 2000 kcmil.  
For straight lugs with tapered ends used in high-voltage applications, please consult your Thomas & Betts representative.  
Trimmed to 1-3/4 maximum to fit side by side on NEMA spades.

## Aluminum Lugs

### Tin-Plated Two-Hole NEMA Lugs

#### General-purpose lugs for aluminum and copper terminations

- Use with aluminum and copper conductors
- Provides high strength and high-conductivity
- Prevents oxidation and keeps out moisture
- Easy identification
- Meet or exceed ANSI C119.4 specifications



Straight Lug Cat. No.	Stacking Lug Cat. No.	Conductor Range					Installing Dies	Dimensions				
		Concentric	Compr.	Compact	ACSR	Solid		B	L	P	W	
SA 6 NTN	ASL 6 NTN	#6	#6	#6, #4	#6	#4	TU, 52, BG, 243, 5/8, CSA 22	1-15/32	5-1/4	3-3/16	7/8	
SA 4 NTN	ASL 4 NTN	#4	#4	—	#4	#2		1-15/32	5-1/4	3-3/16	7/8	
SA 2 NTN	ASL 2 NTN	#2-#1	#1	#1	#2	1/0		1-1/2	5-3/16	3-1/4	1	
AL 1/0 NTN*	ASL 1/0 NTN*	1/0	—	2/0	1/0	2/0	TU, 52, BG, 243, 5/8	1-1/2	5-1/4	3-3/16	7/8	
AL 2/0 NTN*	ASL 2/0 NTN*	2/0		—	—	—	—	TW-TY, 58, 297, 5/8-1	1-1/2	5-1/4	3-3/16	15/16
AL 3/0 NTN*	ASL 3/0 NTN*	3/0		—	—	—	—	TV, 66, 167, 467, 10A	1-7/16	5-1/2	3-1/4	1-1/16
AL 4/0 NTN*	ASL 4/0 NTN*	4/0		—	—	—	—	TX, 71H, 298, 840, 11A	1-15/16	6	3-11/32	1-15/64
AL 250 NTN*	ASL 250 NTN*	250, 4/0		—	250-300	4/0 (6/1)	—	TX, 76, 249, 840, 11A	1-15/16	6	3-11/32	1-15/64
AL 300 NTN*	ASL 300 NTN*	300, 266.8		—	350	266.8 (18/1)	—	TH, 87H, 251, 470, 1, 12A	2-3/16	6-9/16	3-9/16	1-11/32
AL 350 NTN*	ASL 350 NTN*	350, 336.4		—	—	266.8 (26/7), 336.4 (18/1)	—	96, 299, 655, 1-1/8-1, 705, 13A	2-3/16	6-9/16	3-11/16	1-3/4
AL 336 NSCTN	—	397.5-400		—	—	336.4 (26/7), 397.5 (18/1)	—	1-1/4, 99H, 317, 20AH	4-3/16	9	3-11/16	1-21/32
AL 400 NTN*	ASL 400 NTN*	400, 397.5		—	—	336.4 (26/7), 397.5 (18/1)	—	96, 472, 655, 1-1/8-1, 1-1/8-2, 705, 316, 13A	2-7/16	7-5/16	3-9/16	1-3/4
AL 500 NTN*	ASL 500 NTN*	500, 477		—	500-600	397.5 (26/7), 477 (18/1)	—	106A, 300, 317, 1-5/16, 14A, 15A	2-15/16	8-1/4	3-9/16	1-3/4
AL 500 N 608 TN	—	—		—	600	—	—	608	3-1/3	8-1/4	3-9/16	1-3/4
AL 600 NTN*	ASL 600 NTN*	600, 550		—	—	477 (26/7), 556.5 (18/1)	—	1-5/16, 115H, 786, 936, 473	2-15/16	7-3/4	3-5/8	1-3/4*
AL 700 N 608TN	—	700, 600		—	700-795	—	—	125H, 608	3-1/6	7-3/8	3-1/2	1-3/4
AL 750 NTN*	ASL 750 NTN*	750, 700		—	—	636 (26/7)	—	140H, 301, 342, 1-1/2	3-5/16	8-1/4	3-3/4	1-3/4*
AL 750 N 608*	ASL 750 N 608*	750, 700		—	—	663 (30/19), 715.5 (54/7)	—	125H, 608	3-3/8	8-1/4	3-5/8	1-3/4
AL 800 NTN*	ASL 800 NTN*	800, 795		—	—	636 (30/19), 715.5 (54/7)	—	140H, 474, 342, 724, 1-1/2	3-11/32	8-5/16	3-5/8	1-3/4*
AL 800 N 608 TN	—	800, 700		—	—	954 (54/7)	—	608	3-1/3	8-1/4	3-5/8	1-3/4
AL 954 NMS	—	—		—	—	795 (26/7, 30/19), 954 (45/7)	—	—	4-11/16	9-3/8	1-7/8	1-3/4
AL 1000 NTN*	ASL 1000 NTN*	1000, 954		—	—	—	—	161, 292, 302, 319, 1-3/4	4-9/16	8-9/16	3-5/8	2-7/16
AL 1000 SSNTN	ASL 1000 SSNTN	1000	—	—	—	—	—	4-9/16	9-7/8	3-5/8	2-7/16	
AL 1000 NMS	—	—	—	—	—	—	—	4-11/16	9-1/2	3-5/8	1-3/4	
AL 1250 NTN	ASL 1250 NTN	1200-1300	—	—	1113 (45/7), 1192.5 (45/7)	—	161, 727, 352	4-11/16	9-11/16	3-5/8	2-21/32	
AL 1750 NTN	ASL 1750 NTN	1750	—	—	—	—	214, 735, 225	5-1/2	10-7/8	3-7/8	3-13/32	
AL 2000 NTN	ASL 2000 NTN	2000	—	—	—	—	479	6-1/16	11-15/16	3-7/8	3-13/32	

\* UL Listed.

For two-hole lugs without tin-plated, see page C28. For straight lugs with tapered ends used in high-voltage applications, please consult your Thomas & Betts representative.

## Aluminum Lugs

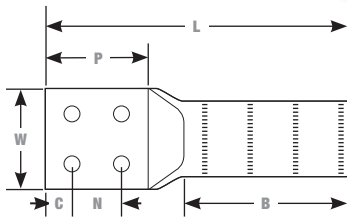
### Four-Hole NEMA Lugs

#### General-purpose lugs for aluminum and copper terminations

- Use with aluminum and copper conductors
- Provides high strength and high-conductivity
- Prevents oxidation and keeps out moisture
- Easy identification



AL 1000-4N



Cat. No.	Conductor Range		Installing Dies	Dimensions					
	Concentric	ACSR		B	N	C	W	P	L
AL 1000-4N	1000	—	161, 302, 292, 319, 1-3/4	4-9/16	1-3/4	5/8	3	4	10
AL 14136 X	1033.5-1300	900-1113	161, 727, 352	7-11/16		5/8	3	4-1/4	13-3/4
AL 1033-4N	—	1033.5 (54/7)	34 AH	6-3/16		5/8	3-3/8	3-11/16	12-3/4
AL 1250-4N	1250	—	161, 727, 352	4-5/8		5/8	3	3-9/16	10
AL 1272-4N	1272	—	161, 727, 352, 579	6-7/16		5/8	3	3-5/8	11-1/4
AL 1590-4N	1590	1272 (45/7)	728, 38AH, 189	8-7/16		5/8	3	3-5/8	13-1/2
AL 1750-4N	1750	—	214, 735, 40AH, 225	6-11/16		7/8	3-1/2	3-3/4	12-1/8
AL 2000-4N	1700-2000	1510.5-1590		6-11/16		7/8	3-1/2	3-3/4	12-1/8
AL 2300-4N	2250-2300	2167 (72/7)	44AH	11-3/4		1-1/8	4	4-1/2	18-1/2
AL 2500-4N	2500	2156-2167	214	9-1/8		1-1/8	3-1/2	4	15-3/8

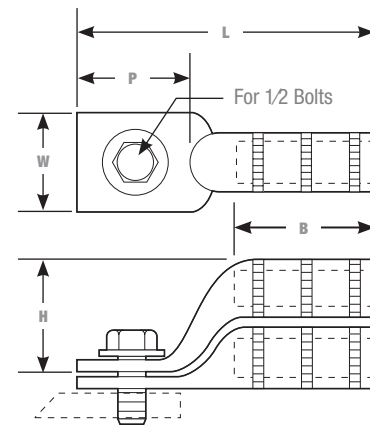
For tin-plated option, add "-TN" suffix to the catalogue number.

## Aluminum Lugs

### One-Hole NEMA Lugs — Common Die Series

Designed for general applications and for installation on Homac® 125 Series insulated buses

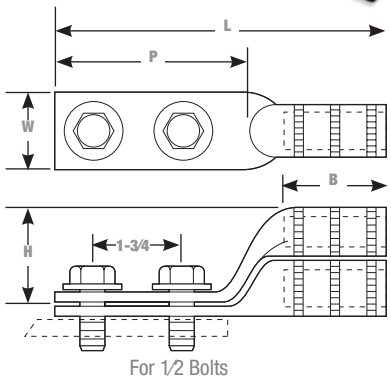
- Lessens your die inventory
- Double terminal capacity of transformer spades and buses to save money
- Use with aluminum and copper conductors
- Provides high strength and high-conductivity
- Easy identification
- Meet or exceed ANSI C119.4 specifications



Straight Lug Cat. No.	Stacking Lug Cat. No.	Conductor – Al or Cu					Installing Dies	Dimensions				
		Concentric	Compressed	Compact	Solid	ACSR		B	H	L	P	W
SA 12-48	-	#12	-	-	#12	-	TU, 52, BG, 243, 5/8, CSA 22	23/32	-	2-9/16	1-1/4	7/8
SA 10-48					#6	-		23/32		2-9/16	1-1/4	7/8
SA 8-48		#8	#6	#4	#6	#6		1-5/16		3-1/8	1-5/16	7/8
SA 6-48		#6			#4	#4		#4		1-5/16	3-1/8	1-5/16
SA 4-48		#4	#4	#2	#4	#4		1-5/16		3-1/8	1-5/16	7/8
SA 3-48		#2	#2	#1, #2	#1	-		1-5/16		3-1/8	1-5/16	7/8
SA 2-48	SASL 2-48	#1, #2	#1	#1	1/0	#2	1-5/16	1-1/2	3-1/8	1-5/16	7/8	
SA 386-48	-	#1	1/0	1/0	-	-	1-5/16	-	3-1/8	1-5/16	7/8	
SA 1/0-48	SASL 1/0-48	1/0	2/0	2/0	-	1/0	1-5/16	1-1/2	3-1/8	1-5/16	7/8	
SA 2/0-48	SASL 2/0-48	2/0	3/0	3/0	3/0	2/0 (6/1)	TX, 76, 249, 840, 845, 11A, CSA 24	1-25/64	1-3/4	3-21/64	1-11/32	1-5/32
SA 3/0-48	SASL 3/0-48	3/0	4/0	4/0	-	3/0		1-25/64	1-3/4	3-21/64	1-11/32	1-5/32
SA 4/0-48	SASL 4/0-48	4/0, 250	4/0, 250	250, 300	-	4/0		1-25/64	1-3/16	3-21/64	1-11/32	1-5/32
SA 300-48	-	300	300	350	-	266.8 (18/1)	1-19/32	-	3-5/8	1-11/32	1-1/4	
SA 350-48	-	336.4-350	350	400	-	266.8 (26/7), 336.4 (18/1)	1-19/32	-	3-5/8	1-11/32	1-1/4	
SA 400-48	-	336.4-400	400	500	-	336.4 (18/1), 397.5 (18/1)	1-19/32	-	3-5/8	1-11/32	1-1/4	

For tin-plated option, add "-TN" suffix to the catalogue number.

To order a stud size not specified with a terminal lug on this page, change the last two digits from "48" (designating a 1/2 in. stud) to "38" (for a 3/8 in. stud).



## Aluminum Lugs

### Two-Hole NEMA Lugs — Common Die Series

Designed for general applications and for installation on Homac® 125-N Series insulated buses

- Lessens your die inventory
- Double terminal capacity of transformer spades and buses to save money
- Use with aluminum and copper conductors
- Provides high strength and high-conductivity
- Prevents oxidation and keeps out moisture
- Easy identification
- Meet or exceed ANSI C119.4 specifications

Straight Lug Cat. No.	Stacking Lug Cat. No.	Conductor – Al or Cu					Installing Dies	Dimensions				
		Concentric	Compressed	Compact	Solid	ACSR		B	H	L	P	W
SA 8 N	–	#8	–	–	#6	–	TU, 52, BG, 243, 5/8, CSA 22	1-15/16	–	5-1/8	3-3/16	7/8
SA 6 N	SASL 6 N	#6	#6	#4	#4	#6		1-15/16	1-1/2	5-1/8	3-3/16	7/8
SA 4 N	–	#4	#4	#4	#2	#4		1-15/16	–	5-1/8	3-3/16	7/8
SA 3 N	–	#2	#2	#1, #2	#1	–		1-15/16	–	5-1/8	3-3/16	7/8
SA 2 N	–	#1, #2	#1	#1	1/0	#2		1-1/2	–	5-3/16	3-1/8	1
SA 386N	–	#1, 1/0	#1, 1/0	1/0	–	#1		1-27/32	–	5-1/2	3	7/8
AL 1/0 N	SASL 1/0 N	1/0	1/0	2/0	2/0	1/0	TX, 76, 249, 840, 845, 11A, CSA 24	1-1/2	1-1/2	5-1/4	3-3/16	7/8
SA 2/0 N	SASL 2/0 N	2/0	2/0	3/0	3/0	2/0 (6/1)		1-15/16	1-3/4	6	3-3/8	1-1/4
SA 3/0 N	SASL 3/0 N	3/0	4/0	4/0	–	3/0		1-15/16	1-3/4	6	3-5/16	1-5/32
SA 4/0 N	SASL 4/0 N	4/0, 250	4/0, 250	250, 300	–	4/0	96, 299, 655, 705, 321, 316, 13A, 1 (1/8-1), 472, CSA 28	1-15/16	1-3/16	6	3-5/16	1-7/32
SA 300 N	–	300	300	350	–	266.8 (18/1)		2-1/16	–	6-1/4	3	1-1/4
SA 350 N	–	336.4-350	350	400	–	266.8 (26/7), 336.4 (18/1)	2-3/16	–	6-1/4	3	1-1/4	
SA 400 N	–	336.4-400	400	500	–	336.4 (18/1), 397.5 (18/1)		2-7/16	–	6-3/8	3	1-1/4

For tin-plated option, add “-TN” suffix to the catalogue number.



## Aluminum Lugs

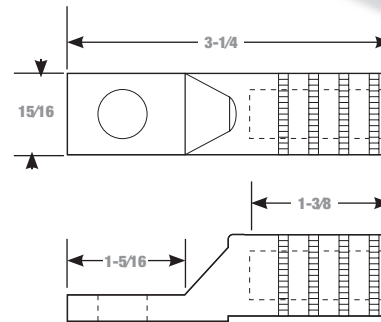
### Meter Socket Lugs — 840 Common Die Series

Just one die installs the entire conductor range for meter pan and general applications

- Really lessens your die inventory
- Provides high strength and high-conductivity
- Use with aluminum and copper conductors
- Prevents oxidation
- Easy identification
- Lugs meet or exceed ANSI C119.4 specifications



SAKM 250-48

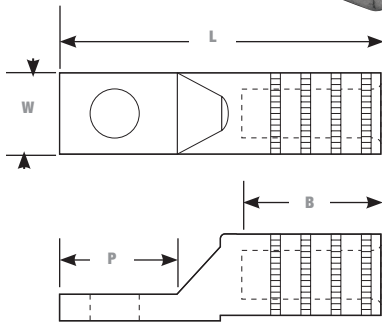


1/2 Bolt Cat. No.	3/8 Bolt Cat. No.	Conductors – Al or Cu				Installing Dies
		Concentric	Compressed	Compact	Solid	
SAKM 6-48	SAKM 6-38	#6	#6	#6	–	840, 845, TX, 76, 249, 11A
SAKM 4-48	SAKM 4-38	#4	#4	#4	–	
SAKM 2-48	SAKM 2-38	#2	#2	#2, #1	#1	
SAKM1-48	SAKM 1-38	#1	#1	1/0	1/0	
SAKM 1/0-48	SAKM 1/0-38	1/0	1/0	2/0	2/0	
SAKM 2/0-48	SAKM 2/0-38	2/0	2/0	3/0	3/0	
SAKM 3/0-48	SAKM 3/0-38	3/0	3/0	4/0	–	
SAKM 4/0-48	SAKM 4/0-38	4/0	4/0	250	–	
SAKM 250-48*	SAKM 250-38*	250	250	300	–	
SAKM 300-48*	SAKM 300-38*	300	300	350	–	
SAKM 350-48*	SAKM 350-38*	350	350	–	–	

\* For aluminum conductors only.  
For tin-plated option, add "-TN" suffix to the catalogue number.



MSL 350



## Aluminum Lugs

### Tin-Plated Meter Socket Lugs — Star Hole

#### Dual-rated, corrosion-resistant lugs available with star holes

- Provides high strength and high-conductivity
- Use with aluminum and copper conductors
- Resistant to corrosion
- Prevents oxidation and keeps out moisture

Cat. No.	Conductor Size	Installing Dies	Dimensions			
			W	L	P	B
MSL 4	#4 str. cpt.	840, 845, TX, 76, 249, 11A	15/16	3-1/4	1-5/16	1-3/8
MSL 2	#2 str. cpt.					
MSL 1/0	1/0 str. cpt.					
MSL 2/0	2/0 str. cpt.					
MSL 3/0	3/0 str. cpt.					
MSL 4/0	4/0 str. cpt.					
MSL 250	250 str. cpt.					
MSL 300	300 str. cpt.					
MSL 350	350 str. cpt.					
MSL 500	500 str.	106A, 300, 317, 1-5/16, 15A	1-3/4	4-7/8	1-3/4	3-3/16

## Aluminum Lugs

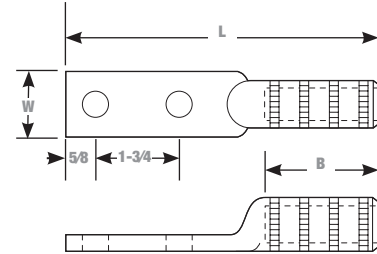
### Two-Hole NEMA Lugs — Common Die Series

Lugs designed for general-purpose substation and switchyard equipment use

- Lessens your die inventory
- Use with aluminum and copper conductors
- Provides high strength and high-conductivity
- Prevents oxidation and keeps out moisture
- Easy identification



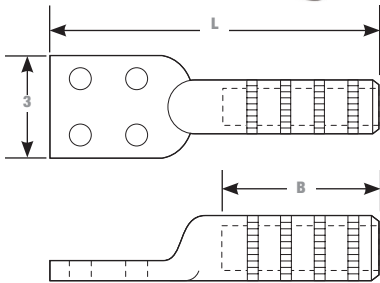
SAB 500 N



Cat. No.	Conductor Range				Installing Dies	Dimensions		
	Concentric	Compressed	Compact	ACSR		L	W	B
SAK 4 N	#4	—	—	—	TX, 76, 249, 840, 11A	5-3/4	1-1/4	2
SAK 2 N	#1, #2	—	—	#2		5-3/4	1-1/4	2
SAK 1/0 N	1/0	2/0	2/0	1/0		5-3/4	1-1/4	2
SAK 300 N	—	—	350	—	96, 299, 655, 1 (1/8-1), 13A	6-1/4	1-1/4	2-1/16
SAK 350 N	350			—		6-1/4	1-1/4	2-1/16
SAB 3/0 N	3/0		—	3/0		6-3/8	1-1/2	2-1/4
SAB 4/0 N	4/0, 250		—	4/0		6-3/8	1-1/2	2-1/4
SAB 250 N	266.8-300		—	266.8 (18/1)		6-3/8	1-1/2	2-1/4
SAB 500 N	477-500	—	600	397.5 (26/7, 30/7), 477 (18/1)	106, 300, 317, 1-5/16, 14A, 15A	6-3/8	1-1/4	2-1/4
SAM 400 N	397.5-400		500	336.4 (30/7), 397.5 (18/1)		8-29/64	1-3/4	3-13/16
SAM 556 N	500-556		—	477 (26/7), 556.5 (18/1)		8-3/8	1-3/4	3-27/32
SAM 600 N	600	—	—	—	8-3/8	1-3/4	3-27/32	



MSL 350



## Aluminum Lugs

### Four-Hole NEMA Lugs — Common Die Series

**Durable four-hole lugs for general-purpose substation and switchyard equipment use**

- Lessens your die inventory
- Use with aluminum and copper conductors
- Provides high strength and high-conductivity
- Prevents oxidation and keeps out moisture
- Easy identification

Cat. No.	Conductor Range			Installing Dies	Dimensions			
	Concentric	Compact	ACSR		L	B		
SAM 3/0-4N*	3/0	-	-	1-5/16, 300, 14A, 106, 317	8-1/8	3-5/16		
SAM 4/0-4N*	4/0		4/0					
SAM 250-4N*	250		-					
SAM 300-4N*	300		-		266.8 (26/7), 336.4 (18/1)	7-5/8	3-21/64	
SAM 350-4N*	336.4-350							
SAM 400-4N*	397.5-400							
SAM 500-4N*	500							
SAM 600-4N*	556.5-600		-		-	140H, 301, 342, 1-1/2	8-1/4	3-5/16
SAL 500-4N*	500				477 (18/1)			
SAL 600-4N	600				477 (24/7, 30/7)			
SAL 650-4N	600, 636, 650	556.5 (24/7, 26/7)						
SAL 750-4N	700-750	636 (26/7)		9	4-7/32			
SAL 800-4N	700-800						954	
SAL 1000-4N	1000						1000	
SAL 1033-4N	1033	-		900 (54/7), 954 (45/7)	9		4-5/32	

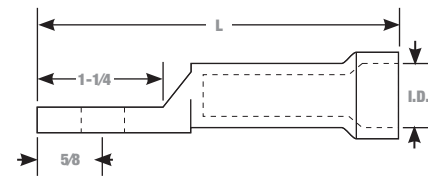
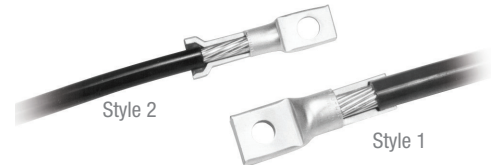
\* Designates 2-piece welded design.

## Aluminum Lugs

### Shrouded One-Hole Lugs — Common Die Series

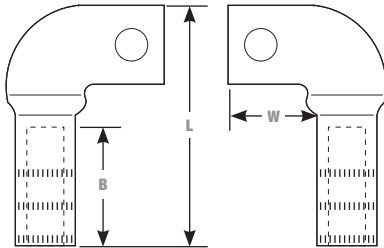
If you need rain protection, these lugs have you covered

- Prevents rainwater from entering cable
- Lessens your die inventory
- Provides high strength and high-conductivity
- Use with aluminum and copper conductors
- Prevents oxidation
- Enable easy identification
- Meet or exceed ANSI C119.4 specifications



Cat. No.	Conductor Sizes		Shroud I.D.	Comp. Die Size	L	Style
	Concentric	Compact				
<b>5/8 Compression Die Series</b>						
RSK 6-48	#6	—	0.400	5/8, 8A, 243, TU, 52, BG	3-3/8	2
RSK 4-48	#4	#4	0.450		3-3/8	2
RSK 2-48	#2, #1	#1	0.635		3-5/8	1
RSK 1/0-48	1/0	2/0	0.640		3-5/8	1
<b>840 Compression Die Series</b>						
RSK 1/0-48	1/0	2/0	0.640	840, 11A, 249, 76, TX	3-3/4	2
RSK 2/0-48	2/0	3/0	0.750		3-3/4	2
RSK 3/0-48	3/0	4/0	0.750		3-3/4	2
RSK 4/0-48	4/0	4/0	0.750		3-3/4	2
RSK 250-48	4/0-250	350	0.812		3-3/4	2
RSK 350-48	350	—	0.927		4-7/16	1
<b>1-1/8 Compression Die Series</b>						
RSB 300-48	300	300	0.927	1 (1/8-1), 12A, 96, 299, 655	4-1/2	2
RSB 350-48	350	300	0.927		4-1/2	2

For tin-plated option, add “-TN” suffix to the catalogue number.  
 To order a terminal lug for a 3/8 in. stud, change a catalogue number’s “-48” suffix (designating a 1/2 in. stud) to a “-38” suffix.  
 To order with hardware as kits, add “-TMH” suffix to the catalogue number.



## Aluminum Lugs

### Tin-Plated One-Hole Lugs

For application in meter pans and in other metal-enclosed gear to convenience wiring where clearances are minimal

- Assures high strength and high-conductivity
- Provides resistance against corrosion
- Use with aluminum and copper conductors
- Prevents oxidation
- Easy identification
- Meet or exceed ANSI C119.4 specifications

Left-Hand Lug Cat. No.	Right-Hand Lug Cat. No.	Conductor Sizes			Installing Dies	Dimensions		
		Concentric	Compressed	Compact		B	L	W
AL 1/0-48 LTN	AL 1/0-48 RTN	1/0	1/0	2/0	5/8, BG, TU	1-3/8	2-11/16	1-3/8
AL 2/0-48 LTN	AL 2/0-48 RTN	2/0	2/0	-	1-5/8, 297, TW-TY	1-3/8	2-11/16	1-3/8
AL 3/0-48 LTN	AL 3/0-48 RTN	3/0	3/0		737, 467	1-3/8	3-3/4	1-3/8
AL 4/0-48 LTN	AL 4/0-48 RTN	4/0	4/0		840, 298, TX	1-1/2	4	1-3/4
AL 250-48 LTN	AL 250-48 RTN	250	250	300	840, 324, TX	1-5/8	4-1/8	1-3/4
AL 300-48 LTN	AL 300-48 RTN	300	300	350	1, 470, TH	1-5/8	4-3/8	1-1/2
AL 350-48 LTN	AL 350-48 RTN	350	350	350	1 (1/8-1), 299, 96	1-5/8	4-3/8	1-1/2
AL 400-48 LTN	AL 400-48 RTN	400	400	400	1-1/8, 472, 96	2-1/2	5-3/4	1-1/2
AL 500-48 LTN	AL 500-48 RTN	500	500	500	1-5/16, 300, 106A	2-1/2	5-3/4	1-1/2
AL 750-48 LTN	AL 750-48 RTN	700-750	800	800	1-1/2, 301, 140H	3-1/4	6-3/8	3-1/2

For NEMA-drilled lugs, substitute a "-NLTN" suffix for a "-48 xTN" suffix to the catalogue number.  
Thus AL 350-48 RTN becomes AL 350-NLTN. NEMA drilling is 2-9/16 in. holes on 1-3/4 in. centers.

## Aluminum Lugs

### Multi-Range Die-Less Lugs

#### Save yourself a die job with these multi-range lugs

- Assures high strength and high-conductivity
- Provides resistance against corrosion
- Use with aluminum and copper conductors
- Prevents oxidation
- Enables easy identification



AL 4/0 NTN

Fig. 1

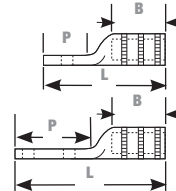


Fig. 2

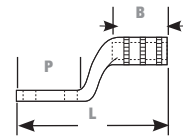
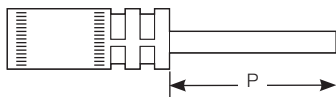


Fig. 3

Cat. No.	Conductor Range Alum. or Copper	Tool	Figure	Bolt Size	Dimensions		
					B	L	P
AL 1/0-48 TN	#6 str.-1/0 str.	VC 5/VC 6	1	1/2	1-3/8	3-3/16	1-5/16
AL 1/0 NTN			2		1-3/8	5-1/4	3-1/4
ASL 1/0 NTN			3		1-3/8	5-1/4	3
AL 4/0-48 TN	#2 str.-4/0 str.		1		1-7/16	3-9/16	1-3/8
AL 4/0 NTN			2		2	6	3-5/16
ASL 4/0 NTN			3		2	6	3
AL 300-48 TN	1/0 str.-300	VC 6	1	1/2	2-1/4	4	1-5/16
AL 300 NTN			2		2-1/4	6-9/16	3-9/16
AASL 300 NTN			3		2-1/4	6-9/16	3
SAB 500-48 TN	4/0 str.-500		1		2-1/2	4-9/16	1-1/2
SAB 500 NTN			2		2-1/4	6-3/8	3-1/8
AASL 500 NTN			3		2-1/2	6-7/8	2-7/8
AL 750 N 608 TN	4/0 str.-750	VC 8	2		3-3/4	8-1/4	3-3/8

To order a stud size not specified here with a terminal lug, substitute a "-58" suffix (designating a 5/8 in. stud) for a "-48" suffix (designating a 1/2 in. stud) to the catalogue number.



## Pin Terminals

### The pins you need for hassle-free terminations

- The high strength and conductivity of aluminum and the flexibility of copper
- No compatibility

Cat. No.	Conductor Size	Decimal Range		Tool	Cu Pin	P
		Min. O.D.	Max. O.D.			
PTA 1/0	#10 sol.-1/0 ACSR	0.102	0.398	VC 5/6	#2	6
PTA 4/0	#4 sol.-4/0 ACSR	0.204	0.563		2/0	
PTA 350	2/0 str.-336.4 (18/1) ACSR	0.414	0.684	VC 6	4/0	

For tin-plated option, add "-TN" suffix to the catalogue number. For other pin lengths, please contact your Thomas & Betts representative.



Fig.1



Fig.2



Fig.3



Fig.4

## Aluminum Lugs

### Blackburn® Slotted-Tang Compression Terminal Lugs

#### Compress these lugs with standard tools and dies

- Use with a wide range of aluminum and copper conductors
- Prevents oxidation and keeps out moisture
- Boss fits the indent on the bus, preventing the lug from rotating
- The bus doesn't have to be removed
- RUS Listed

Cat. No.	Colour Code	Conductor Size			Fig. No.	Installation Dies	
		Concentric	Compressed Compact	Sol.		Mech. Tool	Hydr. Tool
LAC6	Blue	#6 str.	#6	#5	1	BY37, 840	B49EA, U-K840
LAC4	Orange	#4 str.	#4	#3.			
LAC3	Purple	#3 str.	-	#2			
LAC2	Red	#2 str.	#2	#1			
LAC1	White	#1 str.	#1	1/0			
LAC10	Yellow	1/0 str.	1/0	2/0	2	BY37, 840U	B49EA, K840
LAC20	Grey	2/0 str.	2/0	3/0			
LAC30	Black	3/0 str.	3/0	4/0			
LAC40	Pink	4/0 str.	4/0	-			
LAC42	Orange	#4 str.	#4	#3			
LAC32	Purple	#3 str.	-	#2			
LAC22	Red	#2 str.	#2	#1			
LAC12	White	#1 str.	#1	1/0			
LAC102	Yellow	1/0 str.	1/0	2/0			
LAC202	Grey	2/0 str.	2/0	3/0			
LAC302	Black	3/0 str.	3/0	4/0	3	-	B80EA, 1.1, 655
LAC402	Pink	4/0 str.	4/0	-			
LAC25	Green	350, 266.6	250	-			
LAC35	Brown	300, 350	350	-			
LAC50	Aqua	400, 500	500	-			
LAC125	Green	250, 266.8	250	-	4	-	B80EA, 1.1, 655
LAC135	Brown	300, 350	350	-			
LAC150	Aqua	400, 500	500	-			



## Aluminum Lugs

### Bi-Metallic Lugs

#### Corrosion-resistant one- and two-hole lugs for ACSR and aluminum conductors

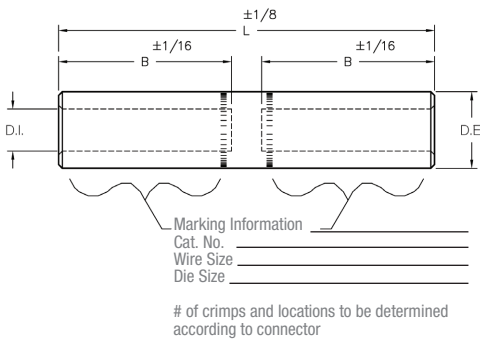
- Provides high strength
- Provides high-conductivity and corrosion resistance
- Prevents oxidation and keeps out moisture



Cat. No.	Conductor Size		Bolt Size
	ACSR	Al	
<b>CPL Series – One Hole</b>			
CPL 4-48	#4	#4	1/2
CPL 2-48	#2	#2	
CPL 1/0-48	1/0	1/0	
CPL 4/0-48	4/0	4/0	
<b>CPL-N Series – Two Hole</b>			
CPL 4 N	#4	#4	1/2
CPL 2 N	#2	#2	
CPL 1/0 N	1/0	1/0	
CPL 2/0 N	2/0	2/0	
CPL 3/0 N	3/0	3/0	
CPL 4/0 N	4/0	4/0-250	
CPL 300 N	266.8	266.8-300	
CPL 350 N	336.4	336.4-350	
CPL 477 N	397.5	396.5-477	
CPL 556 N	477	500-556.5	
CPL 600 N	556.5	600	
CPL 800 N	605-666.6	715.5-800	
CPL 1000 N	715.5-874.5	874.5-1000	
CPL 1113 N	900-1113	1033.5-1113	
CPL 2000 N	1780-1900	2000	

## Aluminum Splices

### CSA Non-Tension Splices



### Compress these lugs with standard tools and dies

- Provides high strength and high-conductivity
- Assures proper cable insertion
- Use with aluminum and copper conductors
- Prevents oxidation and keeps out moisture
- Easy identification
- Meet or exceed ANSI C119.4 specifications

Cat. No.	Wire Size	CSA Die	O.D.	I.D.	Dimensions	
					L	B
GLE 2	2 str.-Compr-CPT	22	0.635	0.340	2.00	0.96
GLE 1/0	1/0 str.-Compr-CPT			0.420		
GLE 2/0	2/0 str.-Compr-CPT	24	0.840	0.503	2.13	1.31
GLE 3/0	3/0 str.-Compr-CPT			0.547		
GLE 4/0	4/0 str.-Compr-CPT	24-6T	1.000	0.594	2.75	1.44
GLE 250	250 str.-Compr-CPT	26		0.620		
GLE 300	300 str.-Compr-CPT	26-12T	1.189	0.670	3.13	1.88
GLE 350	350 str.-Compr-CPT	28		0.730		
GLE 500	500 str.-Compr-CPT	28-12T	1.438	0.835	4.00	2.13
GLE 500-30	500 str.-Compr-CPT	30-12T		0.880		
GLE 750	750 str.-Compr-CPT	30		1.031	4.50	

Finish: Tin-plated optional, use suffix "TN".  
 Material: E.C. Grade Aluminum.  
 Connector bores are coated with HM 53 a oxide inhibiting compound and capped.

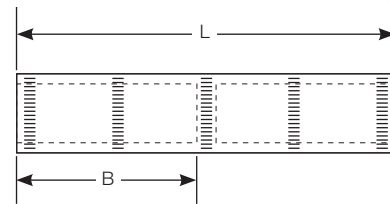
## Aluminum Splices

### Tin-Plated Straight Splices for general applications

- Provides high strength and high-conductivity
- Assures proper cable insertion
- Use with aluminum and copper conductors
- Prevents oxidation and keeps out moisture
- Easy identification
- Meet or exceed ANSI C119.4 specifications



ASC 1000

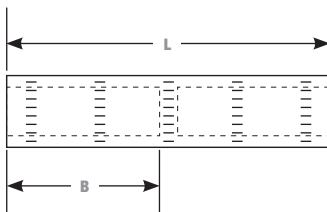


Cat. No.	Conductor Range			Dimensions		Installing Dies	
	Concentric	Compact	ACSR	L	B		
ASC 6	#6	-	-	1-5/8	3/4	TP, 29, 161, 5/16	
ASC 4	#4			2	1	TB, 37, 375, 162	
ASC 2	#2			15/16	TQ, 45, 348, 163, 1/2, 6A		
ASC 1	#1			TU, 52, BG, 243, 5/8			
ASC 1/0	1/0			2-1/4	31/32	TW-TY, 58, 297, 5/8-1	
ASC 2/0	2/0			2-5/16	1-3/32	TV, 66, 167, 467, 10A	
ASC 3/0	3/0			2-5/8	1-1/4	TX, 71H, 298, 840, 11A	
ASC 4/0	4/0			2-3/4	1-5/16	TX, 76, 249, 840, 11A	
ASC 250	4/0-250	300	4/0	2-15/16	1-3/8	TX, 76, 249, 840, 11A	
ASC 300	266.8-300	350	266.8 (18/1)	3-1/8	1-7/16	TH, 87H, 251, 470, 1, 12A	
ASC 350	336.4-350	400	266.8 (26/7), 336.4 (18/1)	3-3/8	1-39/64	96, 299, 655, 1 (1/8-1), 13A	
ASC 400	397.5-400	-	336.4 (26/7), 397.5 (18/1)	3-3/4	1-3/4	96, 472, 655, 1 (1/8-1), 13A	
ASC 500	477-500	600	397.5 (26/7), 477 (18/1)	3-7/8	1-27/32	106A, 300, 317, 1-5/16, 14A	
ASC 600	550-600	-	477 (26/7), 556.5 (18/1)	4-1/8	1-15/16	1-5/16, 115H, 786, 936, 473	
ASC 750	700-750		636 (26/7)	4-11/16	2-7/32	140H, 301, 342, 1-1/2	
ASC 750-608*			125H, 608, 786, 1-1/2, 936				
ASC 800	800		-	-	4-3/4	2-1/4	140H, 342, 474, 1-1/2
ASC 1000	954-1000		795 (26/7), 954 (45/7)	5-1/4	2-3/8	161, 292, 302, 319, 1-3/4	
ASC 1250	1250		-	8	3-11/16	161, 727, 352, 1-7/8	
ASC 1500	1500		-	6-1/2	3-1/8	189, 478, 728	

\* Not UL Listed.  
For splices with tin-plated, add "-TN" suffix to the catalogue number. Splices with tin-plated are UL Listed through 1000 kcmil.



AC 1000



## Aluminum Splices

### Straight Splices for general applications

- Provides high strength and high-conductivity
- Ensures proper cable insertion
- Use with aluminum and copper conductors
- Prevents oxidation and keeps out moisture
- Easy identification
- Meet or exceed ANSI C119.4 specifications

Cat. No.	Conductor Range			Dimensions		Installing Dies
	Concentric	Compact	ACSR	L	B	
AC 4	#4	-	-	2-1/4	1	TB, 37, 375
AC 2	#2			3-15/32	1-37/64	TQ, 45, 348, 163, 1/2
AC 1	#1			3-11/16	1-13/32	TU, 52, BG, 243, 5/8, 8A
AC 1/0	1/0					
AC 2/0	2/0					
AC 3/0	3/0	250	4/0	4	1-3/4	TV, 66, 167, 781, 247, 10A
AC 4/0	4/0			3-3/4	TX, 71H, 298, 840, 660, 11A	
AC 250	4/0-250	-	266.8 (18/1)	5-1/4	2-5/16	TX, 76, 249, 840, 11A
AC 300	266.8-300		266.8 (26/7), 336.4 (18/1)	5-3/4	2-11/16	TH, 87H, 251, 840, 470, 12A
AC 350	336.4-350		336.4 (26/7), 397.5 (18/1)	6-5/8	3-1/8	96, 299, 655, 1 (1/8-1), 13A
AC 400	397.5-400		397.5 (26/7), 307/7, 477 (18/1)	7-9/32	3-1/2	96, 472, 655, 705, 1 (1/8-1), 13A
AC 500	477-500	600	477 (26/7), 556.5 (18/1)	7-19/32	3-37/64	106A, 300, 317, 1-5/16, 14A
AC 600	600	-	636 (26/7)	7-27/32	3-47/64	1-5/16, 115H, 786, 936, 473
AC 750	700-750		636 (26/7)	8-9/32	3-31/32	140H, 301, 342, 1-1/2
AC 800	750-800		636 (30/19), 715.5 (54/7)	8-1/2	4-1/16	140H, 474, 342, 724, 1-1/2H, 1-5/8
AC 1000	954-1000		795 (26/7), 954 (45/7)	9-15/16	4-9/32	161, 292, 302, 319, 1-3/4

## Aluminum Splices

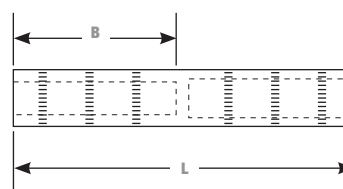
### Straight Reducing Splices

#### Solid center stop ensures proper cable insertion

- Provides high strength and high-conductivity
- Use with aluminum and copper conductors
- Prevents oxidation
- Easy identification
- Meet or exceed ANSI C119.4 specifications

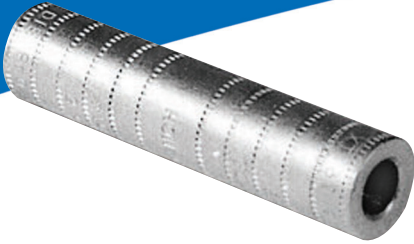


AC 500 R 400



Cat. No.	Wire Size		Dimensions		Installing Dies
	From	To	L	B	
AC 2 R 4	#2	#4	4-9/16	1-7/8	TQ, 45, 348, 6A, 1/2
AC 1/0 R 2	1/0	#2			8A, BG, TU, 5/8
AC 2/0 R 1	2/0	#1			TWTY, 60, 245, 9A, 5/8, 1
AC 3/0 R 1/0	3/0	1/0	5	2	781, TU, 56
AC 4/0 R 2/0	4/0	2/0	5-1/4	2-1/8	TX, 71H, 298, 11A, 840
AC 250 R 3/0	250	3/0			840, 11A, 249, TX
AC 300 R 4/0	300	4/0	8-3/16	3-17/32	96, 299, 1-1/8
AC 350 R 4/0	350				96, 472, 1-1/8
AC 400 R 250	400	250	8-19/32	3-11/16	96, 472, 1-1/8
AC 500 R 300	500	300	8-11/16	3-13/16	106, 300, 317, 1-5/16
AC 500 R 350		350			
AC 500 R 400		400			
AC 600 R 350	600	350	8-7/8	3-15/16	115, 473, 1-5/16
AC 600 R 500		500	9-1/4		
AC 750 R 500		750	600	9-5/8	
AC 750 R 600	750	600	9-7/8	4-5/8	161, 302, 1-3/4
AC 1000 R 500		500			
AC 1000 R 750	1000	750			

For tin-plated option, add "-TN" suffix to the catalogue number.

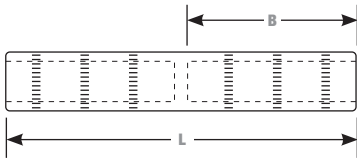


## Aluminum Splices

### Straight Splices — Common Die Series

#### Splices designed for general URD applications

- Lessens your die inventory
- Provides high strength and high-conductivity
- Assures proper cable insertion
- Use with aluminum and copper conductors
- Prevents oxidation
- Easy identification
- Meet or exceed ANSI C119.4 specifications



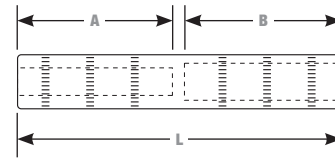
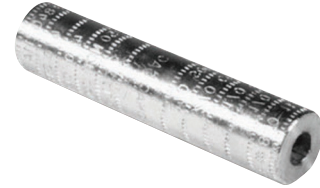
Cat. No.	Conductor Range				Dimensions		Installing Dies
	Concentric	Compressed	Compact	Solid	B	L	
<b>SAC 4</b>	#4	#4	#4	—	1-13/32	3	5/8, 8A, BG, TU, 52
<b>SAC 2</b>	#2	#2	#1, #2	#1			CSA 22, 5/8, 8A, BG
<b>SAC 1</b>	#1	#1	1/0	1/0			840, 249, TX, CSA 24
<b>SAC 1/0</b>	1/0	1/0	2/0	2/0			840, 249, TX, CSA 24, 845
<b>SAC 2/0</b>	2/0	2/0	3/0	3/0	1-7/8	4	840, 249, TX, CSA 24, 11A
<b>SAC 3/0</b>	3/0	3/0	4/0	—			96, 299, 655, 1 (1/8-1), 13A
<b>SAC 4/0</b>	4/0	4/0	4/0, 250				96, 299, 655, 321, 1 (1/8-1), 13A
<b>SAC 250</b>	250	250	—	—	2-3/8	5	106A, 300, 317, 15A
<b>SAC 300</b>	300	300					106A, 300, 317, 1-5/16, 15A
<b>SAC 350</b>	350	350	500	—	2-5/8	5-11/16	1-1/2, 140, 301, 724
<b>SAC 400</b>	400	400	600				140H, 301, 342, 724, 1-1/2
<b>SAC 500</b>	477-500	—	—				1-3/4, 161, 302, 292, 319
<b>SAC 600</b>	600			3-3/8	7		
<b>SAC 750</b>	700-750			3-13/32			
<b>SAC 1000</b>	1000	—	—	3-5/16	—	—	

## Aluminum Splices

### Straight Reducing Splices — Common Die Series

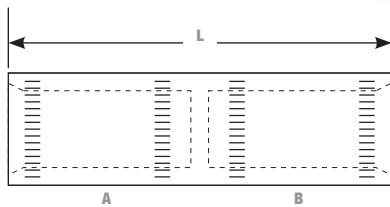
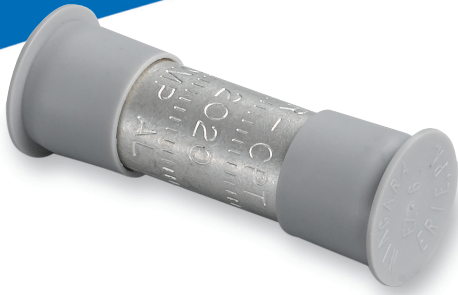
#### Reducers for general URD applications

- Lessens your die inventory
- Use with aluminum and copper conductors
- Prevents oxidation
- Easy identification
- Meet or exceed ANSI C119.4 specifications



Cat. No.	Side A			Side B			A-B	L	Installing Dies
	Concentric/Compressed	Compact	Solid	Concentric/Compressed	Compact	Solid			
SAC 4 R 6	#4	#4	—	#6	#6	—	1-7/16	3	CSA 22, 5/8, BG, 243
SAC 2 R 4	#2	#1, #2	#1	#4	#4	—			
SAC 1 R 2	#1	1/0	1/0	#2	#1, #2	#1			
SAC 1/0 R 4				#4	#4	—			
SAC 1/0 R 2	1/0	2/0	2/0	#2	#1, #2	#1	1-7/8	4	840, 249, TX, CSA 24
SAC 1/0 R 1				#1	1/0	1/0			
SAC 2/0 R 2	2/0	3/0	3/0	#2	#1, #2	#1			
SAC 2/0 R 1/0				1/0	2/0	2/0			
SAC 3/0 R 1/0	3/0	4/0		2/0	3/0	3/0	2-3/8	5	96, 299, 655, 1 (1/8-1), 13A
SAC 3/0 R 2/0				2/0	3/0	3/0			
SAC 4/0 R 2	4/0	250		#2	#1, #2	#1			
SAC 4/0 R 1/0				1/0	2/0	2/0			
SAC 4/0 R 2/0				2/0	3/0	3/0	2-21/32	5-11/16	1-5/16, 15A, 300, 106, 317
SAC 250 R 3/0	250			3/0	4/0	—			
SAC 250 R 4/0				4/0	250	—			
SAC 300 R 250	300			4/0-250	—	—			
SAC 350 R 2	350			#2	#1, #2	#1	3-3/8	5	
SAC 350 R 1/0				1/0	2/0	2/0			
SAC 350 R 2/0				2/0	3/0	3/0			
SAC 350 R 3/0				3/0	4/0	—			
SAC 350 R 4/0				4/0	250	—	2-21/32	5-11/16	1-5/16, 15A, 300, 106, 317
SAC 350 R 250				250	—	—			
SAC 500 R 2	500	—	—	#2	—	—			
SAC 500 R 1/0				1/0	—	—			
SAC 500 R 2/0				2/0	—	—			
SAC 500 R 3/0				3/0	—	—			
SAC 500 R 4/0				4/0	250	—	3	6-1/4	140H, 301, 342
SAC 500 R 300				300	—	—			
SAC 500 R 350				350	—	—			
SAC 500 R 400				400	—	—			
SAC 750 R 1/0	750			1/0	—	—	3-3/8	7	161, 302, 292, 319, 1-3/4
SAC 750 R 4/0				4/0	250	—			
SAC 750 R 250				250	—	—			
SAC 750 R 350				350	—	—			
SAC 750 R 500	1000			500	—	—	3-3/8	7	
SAC 1000 R 400				400	—	—			
SAC 1000 R 500				500	—	—			
SAC 1000 R 750				750	—	—			

For tin-plated option, add "-TN" suffix to the catalogue number.



## Aluminum Splices

### Tin-Plated Straight Splices — 5/8 Common Die Series

**Built to resist corrosion and provide high strength and high-conductivity**

- Provides high strength and high-conductivity
- Assures accurate wire positioning and forces oxide inhibitor over and through conductor strands
- Use with aluminum and copper conductors
- Resists corrosion and extends shelf life
- Improves contact and seals out moisture after installation
- Seal splices from contaminants
- Easy identification and installation
- Meet or exceed ANSI C119.4 specifications

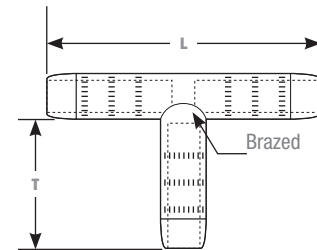
Cat. No.	Wire Size		Conductor		Installing Dies	L
	A	B	A	B		
SG 88	#8	#8	Al-Cu	Al-Cu	5/8, 8A, BG, TU, 243	2
SG 68		#8				
SG 66	#6	#6				
SG 48		#8				
SG 46	#4	#6				
SG 44		#4				
SG 24	#2	#4				
SG 22		#2				
SG 11	#1	#1				
SG 106		#6				
SG 104	1/0	#4				
SG 102		#2				
SG 1010		1/0				
SG 206		#6				
SG 204	2/0	#4	Al	Al		2-1/8
SG 202		#2				
SG 2010		1/0				
SG 2020		2/0				



## Aluminum Tapered Tees

For aluminum and copper connections, these dual-rated components suit you to a tee

- Provides high strength and high-conductivity
- Use with aluminum and copper conductors
- Prevents oxidation
- Easy identification
- Meet or exceed ANSI C119.4 specifications



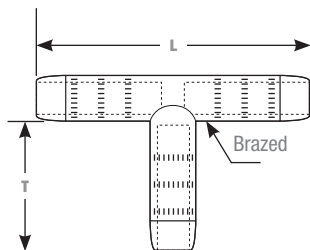
Cat. No.	Conductor Range		Dimensions	
	Run	Tap	L	T
AT 2-4	#2	#4	5-1/2	2-1/2
AT 2-2		#2		
AT 1/0-4	1/0	#4		
AT 1/0-2		#2		
AT 1/0-1/0		1/0		
AT 2/0-2	2/0	#2		
AT 2/0-1/0		1/0		
AT 2/0-2/0		2/0		
AT 3/0-2	3/0	#2		
AT 3/0-1/0		1/0		
AT 3/0-3/0		3/0		
AT 4/0-2	4/0	#2		
AT 4/0-1/0		1/0		
AT 4/0-2/0		2/0		
AT 4/0-4/0		4/0		
AT 250-2	250	#2		
AT 250-1/0		1/0		
AT 250-2/0		2/0		
AT 250-3/0		3/0		
AT 250-250		250		
AT 300-1/0	300	1/0		
AT 300-2/0		2/0		
AT 300-4/0		4/0		
AT 300-300		300		

Cat. No.	Conductor Range		Dimensions	
	Run	Tap	L	T
AT 350-2	350	#2	6-5/8	2-1/2
AT 350-1/0		1/0		
AT 350-3/0		3/0		3
AT 350-4/0		4/0		
AT 350-350		350		
AT 500-1/0	500	1/0	8	3
AT 500-4/0		4/0		
AT 500-350		350		3-1/8
AT 500-500		500		
AT 750-1/0	750	1/0	9	2-1/2
AT 750-4/0		4/0		
AT 750-350		350		
AT 750-500		500		3-7/8
AT 750-750		750		
AT 1000-4/0	1000	4/0	9-7/8	3-1/8
AT 1000-350		350		
AT 1000-500		500		
AT 1000-750		750		7-1/8
AT 1000-1000		1000		

For tin-plated option, add "-TN" suffix to the catalogue number.  
For other available sizes, please consult your Thomas & Betts representative.



ATT 350-350



## Aluminum Tapered Tees

**Tees available in many run and tap sizes for your high-voltage applications**

- Provides high strength and high-conductivity
- Enable use in high-voltage applications up to 69 kV
- Use with aluminum and copper conductors
- Prevents oxidation
- Easy identification
- Meet or exceed ANSI C119.4 specifications

Cat. No.	Conductor Range		Dimensions		
	Run	Tap	L	T	
ATT 2-4	#2	#4	4-1/4	2-1/2	
ATT 2-2		#2			
ATT 1/0-4	1/0	#4	5-1/2		
ATT 1/0-2		#2			
ATT 1/0-1/0		1/0			
ATT 2/0-2	2/0	#2	6		
ATT 2/0-1/0		1/0			
ATT 2/0-2/0		2/0			
ATT 3/0-2	3/0	#2	6-5/8		3
ATT 3/0-1/0		1/0			
ATT 3/0-3/0		3/0			
ATT 4/0-2	4/0	#2	6-5/8	2-1/2	
ATT 4/0-1/0		1/0			
ATT 4/0-2/0		2/0			
ATT 4/0-4/0		4/0			
ATT 250-2	250	#2	6-5/8	3	
ATT 250-1/0		1/0			
ATT 250-2/0		2/0			
ATT 250-3/0		3/0			
ATT 250-250	300	250	6-5/8	3-1/8	
ATT 300-1/0		1/0			
ATT 300-2/0		2/0			
ATT 300-4/0		4/0			
ATT 300-300		300			

Cat. No.	Conductor Range		Dimensions	
	Run	Tap	L	T
ATT 350-2	350	#2	6-5/8	2-1/2
ATT 350-1/0		1/0		
ATT 350-3/0		3/0		3
ATT 350-4/0		4/0		
ATT 350-350		350		
ATT 400-1/0	400	1/0	7-3/4	4
ATT 400-4/0		4/0		
ATT 400-400		400		
ATT 500-1/0	500	1/0	8	3
ATT 500-4/0		4/0		
ATT 500-350		350		
ATT 500-500		500		
ATT 750-1/0	750	1/0	9	3
ATT 750-4/0		4/0		
ATT 750-350		350		3-1/8
ATT 750-500		500		
ATT 1000-4/0	1000	4/0	9-7/8	4
ATT 1000-350		350		
ATT 1000-500		500		5-1/2
ATT 1000-750		750		
ATT 1000-1000		1000	6	
ATT 1500-1500	1500	1500		14

For tin-plated option, add "-TN" suffix to the catalogue number.  
For other available sizes, please consult your Thomas & Betts representative.

## Copper Lugs

### Copper Tin-Plated One-Hole Lugs

#### Tin-plated lugs resist corrosion

- Provides high-conductivity
- Minimizes voltage drop
- Easy identification
- UL Listed and CSA Certified



L 750-48



Cat. No.	Wire Size	Bolt Size	Installing Dies
L 8-10	#8	10	TC, 21, 171, 236
L 8-14		1/4	
L 8-38		3/8	
L 8-48		1/2	
L 6-10	#6	10	7, TE, 24
L 6-14		1/4	
L 6-516		5/16	
L 6-38		3/8	
L 4-14	#4	1/4	
L 4-516		5/16	
L 4-38		3/8	
L 2-14	#2	1/4	3/8, 10, TL-TN, 33, 162
L 2-516		5/16	
L 2-38		3/8	
L 2-48		1/2	
L 1-14	#1	1/4	11, TB, 37
L 1-516		5/16	
L 1-38		3/8	
L 1-48		1/2	
L 1/0-516	1/0	5/16	1/2, 12, TQ, 42, 163
L 1/0-38		3/8	
L 1/0-48		1/2	
L 2/0-516	2/0	5/16	13, TS, 45, 164, 241
L 2/0-38		3/8	
L 2/0-48		1/2	

Cat. No.	Wire Size	Bolt Size	Installing Dies
L 3/0-516	3/0	5-16	5/8, 14, TU, 50, 243, BG
L 3/0-38		3/8	
L 3/0-48		1/2	
L 4/0-516	4/0	5/16	15, TW-TY, 54, 243
L 4/0-38-HM		3/8	
L 4/0-48		1/2	
L 250-38	250	3/8	11/16, 16, TR, 60, 166
L 250-48		1/2	
L 300-38	300	3/8	781, 17, TV, 66
L 300-48		1/2	
L 300-58		5/8	
L 350-38	350	3/8	840, 18, TX, 71
L 350-48		1/2	
L 350-58		5/8	
L 400-48	400	1/2	840, 19, TX, 76
L 400-58		5/8	
L 500-48	500	1/2	20, TH, 87, 281
L 500-58		5/8	
L 600-48	600	1/2	1 (1/8)-1, 96
L 600-58		5/8	
L 750-48	750	1/2	1 (1/8)-2, 106
L 750-58		5/8	
L 750-68		3/4	
L 1000-48	1000	1/2	642, 125
L 1000-58		5/8	
L 1000-68		3/4	

## Copper Lugs

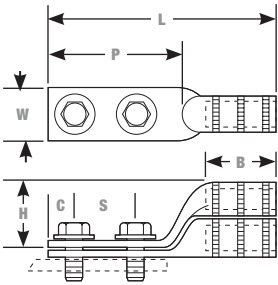
### Tin-Plated Two-Hole Straight and Stacking NEMA Lugs for general applications



L 2/0 N

L 1000 NT

- Provides high-conductivity, minimizes voltage drop
- Resists corrosion
- Provides 3/4 in. and 7/8 in. bolt hole centers for added versatility
- UL Listed and CSA Certified



Straight Lug Cat. No.	Stacking Lug Cat. No.	Wire Size	Bolt Size	Installing Dies	Dimensions						
					B	C	L	P	S	W	H
L 6-214		#6	1/4	7, TE, 27	1-1/8	5/16	2-13/16	1-5/16	5/8	7/16	
L 6-2516			5/16		1-1/8	5/16	2-11/16	1-5/16	5/8	7/16	
L 6 N			1/2		1-1/8	5/8	5	3-1/8	1-3/4	3/4	
L 4-214		#4	1/4	5/16, 8, TP, 29, IC, 1	1-1/8	5/16	2-3/4	1-5/16	5/8	1/2	
L 4-2516			5/16		1-1/8	5/16	2-3/4	1-5/16	5/8	1/2	
L 4 N			1/2		1-1/8	5/8	5	3-1/8	1-3/4	3/4	
L 2-214		#2	1/4	3/8, 10, TL-TN, 33, 162	1-1/4	3/8	3-1/8	1-1/2	5/8	5/8	
L 2-2516			5/16		1-1/4	3/8	3-5/16	1-5/8	3/4 - 7/8	5/8	
L 2 N	-		1/2		1-1/4	5/8	4-3/4	3	1-5/16	3/4	-
L 1-214		#1	1/4	3/8, 11, TB, 37	1-3/8	3/8	3-3/8	1-5/8	5/8	11/16	
L 1-2516			5/16		1-1/2	5/16	3-3/8	1-5/8	3/4 - 7/8	11/16	
L 1 N			1/2		1-1/2		4-7/8	3	1-3/4	3/4	
L 1/0-238		1/0	3/8	1/2, 12, TQ, 42, 163	1-3/8		3-7/16	1-5/8	7/8	3/4	
L 1/0-2516			5/16		1-3/8		3-7/16	1-5/8	3/4 - 7/8	3/4	
L 1/0 N			1/2		1-7/16		4-7/8			3/4	
L 2/0-238		2/0	3/8	9/16, 13, TS, 45, 164	1-1/2		5-1/16			7/8	
L 2/0 N	SL 2/0 N		1/2		1-1/2		5-1/16			7/8	1-1/2
L 3/0-238	-	3/0	3/8	5/8, 14, TU, 50, BG	1-1/2		5-1/8			15/16	-
L 3/0 N	SL 3/0 N		1/2		1-1/2		5-1/8			15/16	1-5/8
L 4/0-238	-	4/0	3/8	5/8-1, 15, TW-TY, 54, 243	1-5/8		5-3/16	3		11/16	-
L 4/0 N	SL 4/0 N		1/2		1-5/8		5-3/16			11/16	1-9/16
L 250-238	-	250	3/8	11/16, 16, TR, 60, 116	1-11/16		5-3/16	1-3/4		1-1/8	-
L 250 N	SL 250 N		1/2		1-11/16		5-7/16			1-1/8	1-11/16
L 300-238	-	300	3/8	781, 17, TV, 66, 11/16	2	5/8	5-3/4	1-3/4		1-1/4	-
L 300 N	SL 300 N		1/2		2		5-3/4			1-1/4	1-3/4
L 350-238	-	350	3/8	840, 18, TX, 71	2		5-3/4	1-3/4		1-15/16	-
L 350 N	SL 350 N		1/2		1-7/8		5-3/4			1-15/16	-
L 400-238	-	400	3/8	15/16, 19, TX, 76, 840	2-1/8		6	3-1/16		1-7/16	-
L 400 N	SL 400 N		1/2		2-1/8		6	3-1/8		1-7/16	2-1/8
L 500 N	SL 500 N	500	1/2	1, 20, TH, 87, 251	2-1/4		6-1/16	3-1/8		1-9/16	-
L 600 N	SL 600 N	600	1/2	1 (1/8-1), 22, 96	2-5/8		6-3/4	3-1/8		1-11/16	2-3/16
L 750 N	SL 750 N	750	1/2	1-5/16, 106, 24	2-13/16		7	3-1/8		1-3/4	2-5/8
L 1000 NT	SL 1000 NT	1000	1/2	27, 1-1/2, 125	2-15/16		7-1/4	3-1/4		1-3/4	3
L 1250 N*		1250	1/2	150, 29, 1-5/8	3		7-3/8	3-3/8		2-3/16	-
L 1500 N*		1500	1/2	1-3/4, 31, 150	3-3/16		7-1/2	3		2-11/16	-
L 2000 N*		2000	1/2	2.00, 34, 175	3-3/16		8-1/16	3-3/16		3-1/16	-

The "N" suffix on the catalogue number indicates NEMA bolt spacing of 1-3/4 in. For other available sizes, please consult your Thomas & Betts representative.

\* L 1250 N, L 1500 N and L 2000 N are not UL Listed or CSA Certified.

## Copper Lugs

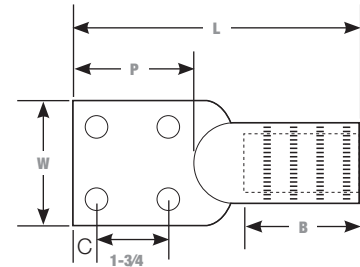
### Tin-Plated Four-Hole NEMA Lugs

These four-hole NEMA lugs are great for a standard installation

- Resistance against corrosion
- Easy identification



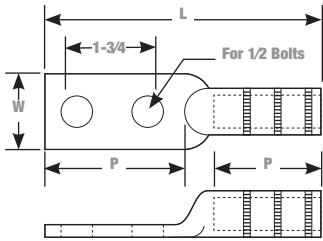
L 1500 4N



Cat. No.	Wire Size	Bolt Size	Installing Dies	Dimensions				
				B	C	L	P	W
L 750 4N	750	1/2	106, 21, 209, 1-5/16	4-3/8	5/8	8-7/8	3-3/16	3
L 1000 4N	1000		786, 1-1/2, 27, 125, 642	4-3/8		9-1/8	3-5/16	
L 1500 4N	1500		1-3/4, 31, 150, 302	3-3/16		7-1/2	3	2-5/8
L 2000 4N	2000		2.00, 34, 175	3-3/16		8-1/16	3-3/16	3-1/16



HDL 1000 N



## Copper Lugs

### Heavy-duty two-hole NEMA lugs

#### Heavy-wall lugs for grounding and other critical applications

- Able to handle the most severe heavy-loading applications
- Ease cable insertion

Cat. No.	Wire Size	Installing Dies	Dimensions			
			B	L	P	W
HDL 2 N	#2	TQ, 42, 183, 1/2	1-1/2	5-1/4	3	13/16
HDL 1 N	#1	TS, 45, 241, 1/2				
HDL 1/0 N	1/0	TU, 50, 165, 5/8				
HDL 2/0 N	2/0	TZ, 166, 5/8-1	1-3/4	5-1/2		15/16
HDL 3/0 N	3/0	60, 16, 166, 206	1-11/16	5-3/16		1
HDL 4/0 N	4/0	71, 168, 840	1-3/4	5-5/8		1-1/8
HDL 250 N	250	80, 169				1-1/4
HDL 300 N	300	87, 170, 1	2-1/4	5-13/16		1-3/8
HDL 350 N	350	96, 276, 1 (1/8)-1	2-5/16	6-9/16		1-9/16
HDL 500 N	500	112, 210, 1-5/16	2-5/8	6-3/8		1-3/4
HDL 750 N	750	138, 627, 1-5/8	3-3/8	7-3/16	2-3/16	
HDL 1000 N	1000	160, 345, 2	4-5/8	9-5/8	3-5/8	2-5/8

For tin-plated option, add "-TN" suffix to the catalogue number.  
 For oxide-inhibiting compound, please consult your Thomas & Betts representative.

## Copper Lugs

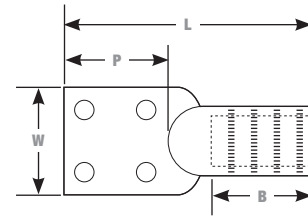
### Copper Heavy-Duty Four-Hole NEMA Lugs

#### Heavy-wall lugs for grounding and other critical applications

- Able to handle the most severe heavy-loading applications
- Ease cable insertion



HDL 4/0 4N

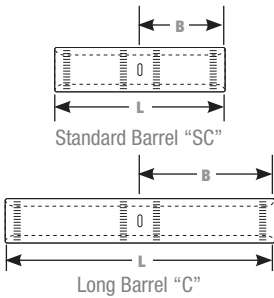


Cat. No.	Wire Size	Installing Dies	Dimensions			
			B	L	P	W
HDL 4/0 4N	4/0	71, 168, 840	1-3/4	4-3/4	3	3
HDL 350 4N	350	96, 267, 1 (1/8-1)	2-5/16	6-9/16		
HDL 500 4N	500	112, 210, 1-5/16	3-1/8	6-3/8		
HDL 750 4N	750	138, 627, 1-5/8	3-7/8	8-1/4		

For tin-plated option, add "-TN" suffix to the catalogue number.  
 For oxide-inhibiting compound, please consult your Thomas & Betts representative.



SC 1000



## Copper Splices

### Tin-Plated Straight Splices

Made from electrolytic seamless copper tubing, these splices can handle your heavy-duty applications

- Equalizes cable insertion
- Resists corrosion
- Easy identification



Standard Barrel Cat. No.	Long Barrel Cat. No.	Wire Size	Standard Barrel		Long Barrel		Installing Dies
			B	L	B	L	
SC 8	C 8	#8	7/16	1-1/16	1-1/16	2-1/4	TC, 21, 236
SC 6	C 6	#6	13/16	1-3/4	1-1/8	2-3/8	TE, 24
SC 4	C 4	#4					5/16, 8, 29, 161, TP
SC 2	C 2-HM	#2	7/8	1-7/8	1-1/4	2-5/8	3/8, 10, TL-TN, 33, 162
SC 1-HM	C 1-HM	#1					11, TB, 37
SC 1/0	C 1/0	1/0	15/16	2	1-3/8	2-7/8	1/2, 12, TQ, 42, 163
SC 2/0-HM	C 2/0	2/0					9/16, 13, TS, 45, 164
SC 3/0	C 3/0	3/0	1	2-1/8	1-1/2	3-1/8	5/8, 14, TU, 50, 243, BG
SC 4/0	C 4/0	4/0					5/8-1, 15, TW-TY, 54
SC 250-HM	C 250-HM	250	1-1/16	2-1/4	1-5/8	3-3/8	11/16, 16, TR, 60, 166
SC 300	C 300-HM	300					17, 66, TV, 781
SC 350	C 350	350	1-1/8	2-3/8	2	4-1/8	840, 18, TX, 71, 168, 208
SC 400	C 400	400	1-3/16	2-1/2			2-1/8
SC 500	C 500-HM	500	1-3/8	2-7/8	2-1/4	4-5/8	1, 20, TH, 87, 251
SC 600	C 600-HM	600			2-11/16	5-1/2	1 (1/8)-1, 22, 96
SC 750	C 750	750	1-5/8	3-3/8	2-7/8	5-7/8	1-1/8, 2, 24, 106
SC 1000-HM	C 1000	1000	1-7/8	3-7/8	3	6-1/8	1-1/2, 27, 125, 642
SC 1500*	C 1500*	1500	2	4-1/8	3-3/16	6-1/2	1-3/4, 31, 150
SC 2000*	C 2000*	2000	2-1/4	4-5/8	3-7/16	7	2.00, 34, 175

\* SC 1500, SC 2000, C 1500 and C 2000 are not UL Listed or CSA Certified.



## Copper Splices

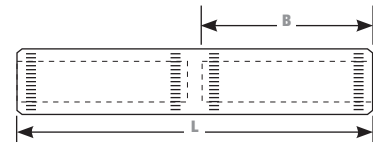
### Tin-Plated Straight Oil-Stop Splices

Electrolytic seamless copper tubing provides high-conductivity and minimizes voltage drop

- Resists oil
- Resists corrosion



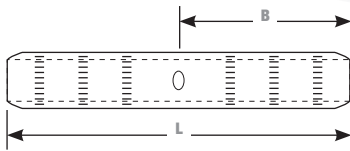
PC 1000



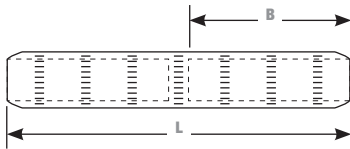
Cat. No.	Wire Size	Installing Dies	Dimensions	
			B	L
PC 6	#6	7, TE, 24	1-1/8	2-3/8
PC 4-HM	#4	5/16, 8, TP, 29, 161		2-5/8
PC 2-HM	#2	3/8, 10, TL-TN, 162	1-3/8	2-7/8
PC 1-HM	#1	3/8, 11, TB, 37, 276		3-1/8
PC 1/0	1/0	1/2, 12, TQ, 42, 163	1-1/2	3-1/8
PC 2/0	2/0	9/16, 13, TS, 164, 45		3-3/8
PC 3/0	3/0	5/8, 14, TU, 243, BG 50	1-5/8	4-1/8
PC 4/0	4/0	54, 5/8-1, 15, TW-TY		4-3/8
PC 250-HM	250	11/16, 16, TR, 166, 60	2	5-1/2
PC 300	300	781, 17, 66, TV		5-7/8
PC 350	350	71, 840, 18, TX, 168, 208	2-1/8	6-1/8
PC 400	400	76, 15/16, 19, TX, 840		6-1/8
PC 500	500	251, 1, 20, TH 87	2-1/4	5-1/2
PC 600-HM	600	1 (1/8)-1, 22, 96	2-11/16	5-7/8
PC 750	750	1-5/16, 24, 106	2-7/8	6-1/8
PC 1000	1000	1-1/2, 27, 125, 642	3	6-1/8



TC 600



"TC" Dimple Style



"PTC" Solid Center Oil Stop

## Copper Splices

### Tin-Plated Tapered Splices

**High-voltage, oil, harsh environments — these splices can handle it all**

- Provides high-conductivity, minimizes voltage drop
- Enable use in high-voltage installations up to 69 kV
- Resists corrosion and extends shelf life
- Equalizes cable insertions
- Prevents oil

Dimpled Center Stop Cat. No.	Solid Center Oil Stop Cat. No.	Wire Size	Installing Dies	Dimensions	
				B	L
TC 6	PTC 6	#6	7, TE, 24, 5/16	7/8	1-29/32
TC 4	PTC 4	#4	5/16, 8, TP, 29		
TC 2	PTC 2	#2	3/8, 10, TL-TN, 33	31/32	2-1/16
TC 1	PTC 1	#1	3/8, 11, TB, 37		
TC 1/0	PTC 1/0	1/0	1/2, 12, TQ, 42	1-1/32	2-7/32
TC 2/0	PTC 2/0	2/0	9/16, 13, TS, 45		
TC 3/0	PTC 3/0	3/0	5/8, 14, TU, 50	1-1/8	2-13/32
TC 4/0	PTC 4/0	4/0	5/8-1, 15, TW-TY, 9A		
TC 250	PTC 250	250	11/16, 16, TR, 60	1-7/32	2-9/16
TC 300	PTC 300	300	781, 17, 66, TV	1-1/4	2-5/8
TC 350-HM	PTC 350	350	840, 18, TX, 71	1-5/16	2-25/32
TC 400	PTC 400	400	840, 15/16, 19, TX, 76	1-7/16	2-31/32
TC 500	PTC 500	500	1, 20, TH, 87	1-11/16	3-17/32
TC 600	PTC 600	600	1 (1/8)-1, 22, 96	2-1/16	4-7/32
TC 750	PTC 750	750	1-5/16, 24, 106		
TC 800	PTC 800	800	1-5/16, 2, 25	2-1/4	5
TC 1000	PTC 1000	1000	1-1/2, 27, 125		
TC 1500	PTC 1500	1500	1-3/4, 31, 150	2-3/4	6
TC 2000	PTC 2000	2000	2.00, 34, 175	3-1/8	6-3/4

## Copper Tees

### Tin-Plated Tees

Tees available in many run and tap sizes for various copper conductors

- High-conductivity, resistant to corrosion
- Easy identification



Cat. No.	Conductor Size	
	Run	Tap
2 T 2	#2	#2
1/0 T 6	1/0	#6
1/0 T 4		#4
1/0 T 2		#2
1/0 T 1		#1
1/0 T 1/0		1/0
2/0 T 6		2/0
2/0 T 4	#4	
2/0 T 2	#2	
2/0 T 1	#1	
2/0 T 1/0	1/0	
2/0 T 2/0	2/0	
3/0 T 1/0	3/0	1/0
3/0 T 3/0		3/0
4/0 T 2	4/0	#2
4/0 T 1		#1
4/0 T 1/0		1/0
4/0 T 2/0		2/0
4/0 T 4/0		4/0
250 T 2		250
250 T 1	#1	
250 T 1/0	1/0	
250 T 2/0	2/0	
250 T 4/0	4/0	
250 T 250	250	
300 T 300	300	300

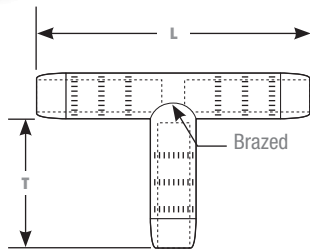
Cat. No.	Conductor Size	
	Run	Tap
350 T 1/0	350	1/0
350 T 2/0		2/0
350 T 4/0		4/0
350 T 350		350
400 T 1/0	400	1/0
400 T 2/0		2/0
400 T 4/0		4/0
400 T 250		250
400 T 300		300
400 T 350		350
400 T 400	400	
500 T 1/0	500	1/0
500 T 2/0		2/0
500 T 4/0		4/0
500 T 250		250
500 T 350		350
500 T 400		400
500 T 500	500	
600 T 2/0	600	2/0
600 T 4/0		4/0
600 T 350		350
600 T 500		500
600 T 600		600
750 T 350		750
750 T 500	500	
750 T 750	750	
1000 T 500	1000	500
1000 T 1000		1000

## Copper Tees

### Tin-Plated Tapered Tees



TT 350-350



Tapered ends enable use in high-voltage applications up to 69 kV

- Provides high-conductivity
- Resists corrosion

Cat. No.	Run	Tap	Dimensions	
			L	T
TT 2-2	#2	#2	3-11/16	1-1/2
TT 1/0-6	1/0	#6	3-3/16	
TT 1/0-4		#4	3-13/16	
TT 1/0-2		#2	3-7/8	
TT 1/0-1		#1	3-15/16	
TT 1/0-1/0	1/0	4		
TT 2/0-6	2/0	#6	3-29/32	
TT 2/0-4		#4	3-31/32	
TT 2/0-2		#2	4-1/32	
TT 2/0-1		#1	4-3/32	
TT 2/0-1/0	1/0	4-5/32		
TT 2/0-2/0	2/0	4-5/32		
TT 3/0-1/0	3/0	1/0	4-7/16	
TT 3/0-3/0		3/0	4-7/16	
TT 4/0-2	4/0	#2	4-3/16	
TT 4/0-1		#1	4-3/16	
TT 4/0-1/0		1/0	4-1/4	
TT 4/0-2/0		2/0	4-5/16	
TT 4/0-4/0	4/0	4-7/16		
TT 250-2	250	#2	4-1/4	
TT 250-1		#1	4-1/4	
TT 250-1/0		1/0	4-5/16	
TT 250-2/0		2/0	4-3/8	
TT 250-4/0		4/0	4-1/2	
TT 250-250		250	4-9/16	
TT 300-300	300	300	4-9/16	

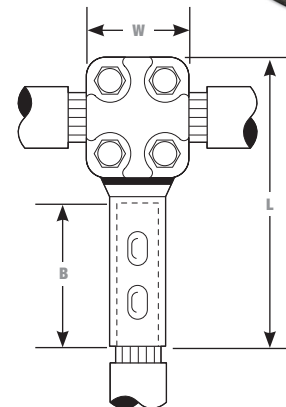
For other available sizes, please consult your Thomas & Betts representative.

Cat. No.	Run	Tap	Dimensions	
			L	T
TT 350-1/0	350	1/0	5-37/64	2-13/16
TT 350-2/0		2/0		
TT 350-4/0		4/0	5-23/32	
TT 350-350		350	5-29/32	
TT 400-1/0	400	1/0	5-21/32	2-3/8
TT 400-2/0		2/0	5-25/32	
TT 400-4/0		4/0	5-27/32	
TT 400-250		250	5-29/32	
TT 400-300		300	6-1/32	
TT 400-400	400	6-1/32		
TT 500-1/0	500	1/0	6-23/64	2-19/32
TT 500-2/0		2/0	6-15/32	
TT 500-4/0		4/0	6-17/32	
TT 500-250		250	6-21/32	
TT 500-350		350	6-23/32	
TT 500-400		400	6-23/32	
TT 500-500	500	6-23/32		
TT 600-2/0	600	2/0	7-3/16	3-3/32
TT 600-4/0		4/0	7-7/16	
TT 600-350		350	7-9/16	
TT 600-500		500	7-11/16	
TT 600-600		600	7-7/8	
TT 750-350	750	350	9-1/2	4-1/4
TT 750-500		500		
TT 750-750		750		
TT 1000-500	1000	500	9-1/2	4-1/4
TT 1000-1000		1000		

## Copper Tees

Get permanent compression on the tap and be able to disconnect in the future

- Provides high strength and high-conductivity
- Resists corrosion



Cat. No.	Conductor Size		Dimensions		
	Run	Tap	B	L	W
2131-1	750	2/0 str.	1-1/2	4-7/8	2-1/16
2131-2		4/0 str.	1-5/8	5	
2131-3		250	2	5-3/8	
2131-4		350			
2131-5		500	2-1/4	6-1/4	
2131-6		750	2-7/8		
2131-7		1000	2/0 str.	1-1/2	
2131-8	4/0 str.		1-5/8	5	
2131-9	250				
2131-10	350		2	5-3/8	
2131-11	500		2-1/4	5-5/8	
2131-12	750		2-7/8	6-1/4	
2131-13	1000		3	6-3/8	
2131-14	1500	2/0 str.	1-1/2	4-7/8	
2131-15		4/0 str.	1-5/8	5	
2131-16		250			
2131-17		350	2	5-3/8	
2131-18		500	2-1/4		
2131-19		750	2-7/8	6-1/4	
2131-20		1000	3	6-3/8	
2131-21	1500	3-3/16	6-7/8		
2131-22	2000	3-1/4	8	2-1/2	



NLTT 1000

## Aluminum and Copper Lug Tee Taps

### NEMA Lug Tee Taps for Cable Buses

- Choose the taps that match your system
- Accommodate all sizes of standard NEMA drilled compression lugs
- Resists corrosion

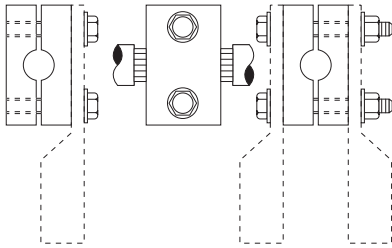


Figure 1

Figure 2

Cat. No.	Main Conductor	Figure Number/Taps	Width
ANLTT 4/0	4/0	2	1-1/2
ANLTT 350	350		
ANLTT 500	500		
ANLTT 750	750		
ANLTT 1000	1000		1-3/4
ANLTT 1500	1500	1	2-1/2
ANLT 4/0	4/0		1-1/2
ANLT 350	350		1-1/2
ANLT 500	500		1-1/2
ANLT 750	750		1-3/4
ANLT 1000	1000		1-3/4
ANLT 1500	1500	2-1/2	

For sizes not listed, please consult your Thomas & Betts representative.

Cat. No.	Main Conductor	Figure Number/Taps	Width
NLTT 4/0	4/0	2	1-1/2
NLTT 350	350		
NLTT 500	500		
NLTT 750	750		
NLTT 1000	1000		1-3/4
NLTT 1500	1500	1	2-1/2
NLT 4/0	4/0		1-1/2
NLT 350	350		1-1/2
NLT 500	500		1-1/2
NLT 750	750		1-3/4
NLT 1000	1000		1-3/4
NLT 1500	1500	2-1/2	

## Competitive Cross Reference

Type WR "O" and "D" — Die Seven Connector Program						
Blackburn	Penn Union	Burndy	Homac	Kearney	Anderson	
WR159	KO-R06	YHO100, YHO1	OB44	506-82	-	
WR189	KO-R08	YHO150, YHO2	OB101	508-82		
WR289	KD-R02	YHD200, YHD3	DB202	502-82		
WR279	KD-R04	YHD300, YHD4	DB2020	504-82		
WR379	KD-R03	YHD250, YHD5	DB404	503-82		
WR399	KD-R05	YHD350, YHD6	DB4020	505-82		
WR419	KD-R28	YHD400, YHD7	DB4040	507-82		
Type WR — Supplemental "O" and "D" Die Seven Connector Program						
Blackburn	Penn Union	Burndy	Homac	Kearney	Anderson	
WR149	KO-R33	YNO125	-	333-81	VCP44	
WR179	KO-R08	YC25A2			325-81	-
WR199	KO-R08	YP26AU2		329-81		
WR1010	-	YHO2-ONE	OB1010D			
WR259	KD-R04	YC25A25		-		
WR299	KD-R02	YHD200				
WR219	KD-R26			326-81		
WR239	-					
WR229	KD-R30					
WR269	KD-R27		-	-		
WR319	-					
WR339	KD-R96					
WR359	KD-R49			349-81		
WR369	KD-R94			394-81		
WR389	KD-R95			395-8		
Type WR — Wide Range "N" Die Tap Connectors for Hydraulic Tools, 12-Ton and Greater						
Blackburn	Penn Union	Burndy	Homac	Kearney	Anderson	
WR715	KN-1	-	NB50040		-	
WR775	-	YHN450				
WR815	-	YHN500				
WR835	KN-R2	-	-	-		
WR875	-	-				
WR885	-	YHN525	NB500			
Type WR — Wide Range "N" Die Tap Connectors for Hydraulic Tools, 10-Ton and Greater						
Blackburn	Penn Union	Burndy	Homac	Kearney	Anderson	
WR699	KN-0	-		480	-	
WR719	-	-		481		
WR739	KN-R2	YHN550	-	482-81		
WR779	KN-4	YHN600		483		
WR799	KN-R5	-		485-81		
WR819	KN-R6	YC33R26	NB60020	486-81		NB60020
WR839	KN-R7			487-81		
WR879	KN-8	-	-	488	-	
WR889	-			-		
Type WR — Wide Range Aluminum Tap Connectors "R" Die Seven Connector Program						
Blackburn	Penn Union	Burndy	Homac	Kearney	Anderson	
WR909	KR-R03	YHR700	-	603-82	-	
WR929	KR-R04	YHR750	ZB-954	604-82		
WR949	KR-R05	YHR800	-	605-82		
WR969	KR-R06	YHR850	ZB-954	606-82		
WR989	KR-R07	YHR900	ZB-954	607-82		
WR999	-	-	-	-		

## Competitive Cross Reference

Type WR — Street Lighting Compression Connectors								
Blackburn	Penn Union	Burndy	Homac	Kearney	Anderson			
WR9	KO-R22	YP2A9U	-	421-8	-			
WR139	KO-R24	YPC26R8U		-				
WR502	-	-		-				
Type CF — Copper Compression Tap Connectors								
Blackburn	Penn Union	Burndy	Homac	Kearney	Anderson			
CF44-1	CDT-399-8	-	-	399-8	-			
CFS44-1	CDT-301							
CF22-1	CDT-398-8					398-8		
CFS22-1	CDT-302							
CF102-1	CDT-304-8					304-8		
CF1010-1	CDT-303-8					303-8		
CF202-1	-							
CF2020-1	CDT-305-8					305-8		
CF402-1	CDT-309-8					309-8		
CF4010-1	CDT-308-8					308-8		
CF4040-1	CDT-307-8					307-8		
Type C — Compression Connectors Covers								
Blackburn	Penn Union			Burndy		Homac	Kearney	Anderson
C2BB	-	-	CO20B	48480	SEC-4			
C5-BB		CCO	CO20B	6010	PTC-1			
C7		CCD	CD40B	601D	PTC-2			
C9		CCN	CN600B	-	-			
C9L		CCNL	CN600B					



## Competitive Cross Reference

### Colour-Coded Compression Connectors

Type CTL — Copper Lugs, One-Hole Mount, Short Barrel								
Blackburn	Penn Union	Burdny	IlSCO	T&B	Anderson	Dossert	Panduit	3M
CTL8-10	BLU-8S14		CRA-8	54104				
CTL8-14	BLU-8S15	—	—	54130	—	—	—	—
CTL8-516	BLU-8S16			54131				
CTL6-10	BLU-6S	YA6C	B131C	54134	VHCS-6-10/8	DPLS2-1-18	LCA6-10	30014
CTL6-14	BLU-6S1	YA6C-L1	B132C	54105	VHCS-6-14	DPLS2-1	LCA6-14	30015
CTL6-516	BLU-6S2	YA6C-L3	—	54135	VHCS-6-516	DPLS2-1-31	LCA6-56	30016
CTL6-38	—	—	—	—	—	—	—	—
CTL4-10	BLU-4S	YA4C-L1	B133C	54138	VHCS-4-10/8	DPLS4-1-18	LCA4-10	30018
CTL4-14	BLU-4S1	YA4C-L	B134C	54106	VHCS-4-14	DPLS4-1	LCA4-14	30019
CTL4-516	BLU-4S10	YA4C-L3	—	54139	VHCS-4-516	DPLS4-2	LCA4-56	—
CTL4-38	BLU-4S2	YA4CL4	—	54140	VHCS-4-38	DPLS4-1-38	LCA4-38	30021
CTL2-14	BLU-2S	YA2C-L2	CRA-2	54107	VHCS-2-14	DPLS6-1-125	LCA2-14	30022
CTL2-516	BLU-2S1	YA2C-L	CRB-2	54142	VHCS-2-516	DPLS6-1	LCA2-56	30023
CTL2-38	BLU-2S2	YA2C-L4	—	54143	VHCS-2-38	DPLS6-1-38	LCA2-38	30024
CTL2-12	—	—	—	—	—	—	—	—
CTL1-14	BLU-1S9	—	—	54108	VHCS-1-14	—	LCA1-14	—
CTL1-516	BLU-1S	YA1C-L	CRA-1	54147	VHCS-1-516	DPLS8-1	LCA1-56	30027
CTL1-38	BLU-1S1	YA1C-L4	—	54148	VHCS-1-38	DPLS8-2	LCA1-38	30028
CTL1-12	—	—	—	—	—	—	—	—
CTL10-516	BLU-1/0S	YA25-L	CRA-0	54153	VHCS-1/0-516	DPLS10-1	LCA1/0-56	30031
CTL10-38	BLU-1/0S1	YA25-L4	CRB-0	54109	VHCS-Y0-38	DPLS10-1-38	LCA1/0-38	30032
CTL10-12	—	—	—	—	—	—	—	—
CTL20-38	BLU-2/0S	YA26-L	CRA-2/0	54110	VHCS-2/0-38	DPLS31-1	LCA2/0-37	30036
CTL20-12	BLU-2/0S4	YA26-L6	—	54160	VHCS-2/0-12	—	LCA2/0-12	—
CTL30-38	BLU-3/0S	YA27-L4	CRA-3/0	54111	VHCS-3/0-38	DPLS17-1-38	LCA3/0-38	—
CTL30-12	BLU-3/0S1	YA27-L	CRB-3/0	54165	VHCS-3/0-12	DPLS17-1	LCA3/0-12	30041
CTL40-38	BLU-4/0S	YA28-L4	CRA-4/0	54112	VHCS-4/0-38	DPLS21-1-38	LCA4/0-38	—
CTL40-12	BLU-4/0S1	YA28-L	CRB-4/0	54170	VHCS-4/0-12	DPLS21-1	LCA4/0-12	30045
CTL250-12	BLU-025S	YA29-L	CRA-250	54113	VHCS-250-12	DPLS25-1	LCA250-12	—
CTL300-12	BLU-030S	YA30-L	CRA-300	54114	VHCS-300-12	DPLS30-1	LCA300-12	—
CTL350-12	BLU-035S	YA31-L	CRA-350	54115	VHCS-350-12	DPLS35-1	LCA350-12	—
CTL400-12	BLU-040S	YA32-L	CRA-400	54185	VHCS-400-12	—	—	—
CTL400-58	BLU-4/0S	YA32-L	—	—	—	—	—	—
CTL500-12	BLU-050S	YA34-L	CRA-500	54187	VHCS-500-12	—	LCA500-12	—
CTL500-58	—	—	—	—	—	—	LCA500-58-6	—
CTL600-58	—	YA36-L	CRA-600	—	—	—	—	—
CTL750-58	—	YA39-L	—	—	—	—	—	—
CTL1000-58	—	—	—	—	—	—	—	—

## Competitive Cross Reference

### Compression Connectors

Type CTL — Copper Lugs, Two-Hole Mount, Short Barrel																												
Blackburn	Penn Union	Burndy	IlSCO	T&B	Anderson																							
CTL6-214	-	YA6CL2TC14 , YA6C2L	-	54205	-																							
CTL4-214		-		-	54206	-																						
CTL2-2516					-		-	-	VHCS-2-516																			
CTL1-2516								-	-	54255	-																	
CTL10-2516										-		-	54260	-														
CTL202													-		-	54265	-											
CTL302																-		-	54270	-								
CTL402																			-		-	54275	-					
CTL2502																						-		-	54280	-		
CTL3002																									-		-	54282
CTL3502	-		-																									-
CTL4002		-		-		54286																						VHCS-500-12BN,
CTL5002					-	-	-																					VHCS-500-12B
-							-	-	-		VHCS-600-38B																	
CTL6002-38									-	-	-	-																
CTL6002-12											-		-	-	-													
CTL7502														-		-	54223	-										
CTL10002																	-		-	54223	-							
Type CTL — Copper Lugs, One-Hole Mount, Long Barrel																												
Blackburn																				Penn Union		Burndy	IlSCO	T&B	Anderson			
CTL8L-14	-		-																	-		54930BE	-					
CTL6L-14	BBLU-6S	CRB-6L	54905BE	-																								
CTL4L-14	BBLU-4S	CRB-4L	54906BE		-																							
CTL2L-516	BBLU-2S	-	54942BE			-																						
CTL1L-516	BBLU-1S	CRA-1L	54947BE				-																					
CTL10L-516	BBLU-1/0S	YA25	-					-																				
CTL20L-38	BBLU-2/0S	YA26	CRA-2/0L						54910BE	-																		
CTL30L-12	BBLU-3/0S	YA27	CRB-3/0L						54965BE		-																	
CTL40L-12	BBLU-4/0S	YA28	CRB-4/0B						54970BE			-																
CTL250L-12	BBLU-025S	-	CRA-250L						54913BE				-															
CTL300L-12	BBLU-030S	YA30	CRA-300L						54914BE					-														
CTL350L-12	BBLU-035S	YA31	CRA-350L	54915BE					-																			
CTL400L-58	BBLU-040S	YA32	CRA-400L	-	-																							
CTL500L-58	BBLU-050S	YA34	CRA-500L	-		-																						
CTL600L-58	BBLU-060S	YA36	CRA-600L	54920BE			-																					
CTL750L-58	BBLU-075S	YA39	CRA-750L	54923BE				-																				
CTL1000L-58	BBLU-100S	YA44	CRA-1000L	54928BE						-																		

## Competitive Cross Reference

Type LCN — Copper Lugs, Two-Hole Mount, Long Barrel										
Blackburn	Penn Union	Burndy	IlSCO	T&B	Homac	Kearney	Anderson	Dossert	Panduit	3M
LCN8-14	—	—	—	54850BE						
LCN6-14	BBLU-6D	YA6C-2TC14	CRB-6L2	54852BE						
LCN6-12	—	YA6C-2N	—	—						
LCN4-14	BBLU-4D	YA4C-2TC14	CRB-4L2	54854BE						
LCN4-12	—	YA4C-2N	CRC-4L2	—						
LCN2-516	BBLU-2D	—	CRB-2L2	54856BE			—	—		
LCN2-12	—	YA2C-2N	CRC-2L2	—						—
LCN1-516	BBLU-1D	—	CRA-1L2	54858BE						
LCN1-12	—	YA1C-2N	—	—						
LCN10	BBLU-1/0D	YA25-2	CRA-1/0L2	54860BE				DPL10-2		
LCN20	BBLU-2/0D	YA26-2N	CRA-2/0L2	54862BE	—	—	VHCL-2/0-12BN	DPL13-2N	—	
LCN30	BBLU-3/0D	YA27-2N	CRB-3/0L2	54864BE			VHCL-3/0-12BN	DPL17-2N		
LCN40	BBLU-4/0D	YA28-2N	CRA-4/0L2	54866BE			VHCL-4/0-12BN	DPL21-2N		31145
LCN250	BBLU-025D	YA29-2N	CRA-250L2	54868BE			VHCL-250-12BN	DPL25-2N		31149
LCN300	BBLU-030D	YA32-2N	—	—			—	—		—
LCN350	BBLU-035D	YA31-2N	CRA-350L2	54872BE			VHCL-350-12BN	DPL35-2N		31156
LCN400	BBLU-040D	—	—	—			—	—		—
LCN500	BBLU-050D	YA34-2N	CRA-500L2	54876BE			VHCL-500-12BN	DPL50-2N		31166
LCN600	BBLU-0600D	—	—	—			—	—		—
LCN75	BBLU-075D	—	—	—			—	—		—
LCN99	BBLU-100D	—	—	—			—	—		—
Type CU — Copper Splices, Long Barrel										
Blackburn	Penn Union	Burndy	IlSCO	T&B	Homac	Kearney	Anderson	Dossert	Panduit	3M
CU8	—	YS8C	—	54804						
CU6	BBCU-6	YS6C	LTL-6	54805						
CU4	BBCU-4	YS4C	LTL-4	54806	—	—	—	—	—	—
CU2	BBCU-2	YS2C	LTL-2	54807						
CU1	BBCU-1	YS1C	LTL-1	54809						
CU10	BBCU-1/0	YS25	CTL-1/0	54809	C1/0	136700-010	VHS-1/0	DPC-10	SCL1/0	
CU20	BBCU-2/0	YS26	CTL-2/0	54810	C2/0	136700-020	VHS-2/0	DPC-13	SCL2/0	11006
CU30	BBCU-3/0	YS27	CTL-3/0	54811	—	—	VHS-3/0	DPC-17	SCL3/0	11007
CU40	BBCU-4/0	YS28	CTL-4/0	54812	C4/0	136700-040	VHS-4/0	DPC-21	SCL4/0	11008
CU250	BBCU-025	YS29	CTL-250	54813	C250	136700-250	VHS-250	DPC-25	SCL250	11009
CU300	BBCU-030	YS30	—	—	—	—	—	—	—	—
CU350	BBCU-035	YS31	CTL-350	54815	C350	—	VHS-350	DPC-35	SCL350	11011
CU400	BBCU-040	YS32	—	—	—	—	—	—	—	—
CU500	BBCU-050	YS34	CTL-500	54818	C500	136700-500	VHS-500	DPC-50	SCL500	11014
CU600	BBCU-060	YS36	—	—	—	—	—	—	—	—
CU750	BBCU-075	YS39	CTL-750	54823	C750	136700-750	VHS-750	DPC-75	SCL750	11019
CU1000	BBCU-100	YS44	CTL-1000	54828	C1000	136700-1000	VHS-1000	DPC-100	SCL1000	11024
Type CSP — Copper Splices, Short Barrel										
Blackburn	Penn Union	Burndy	IlSCO	T&B	Homac	Kearney	Anderson	Dossert	Panduit	3M
CSP8	BCU-8	—	CT-8	54504			—	—	SCS8	—
CSP6	BCU-6	YS6C-L	CT-6	54505			VHSS-6	DPCS-2	SCS6	10001
CSP4	BCU-4	YS4C-L	CT-4	54506			VHSS-4	DPCS-4	SCS4	10002
CSP2	BCU-2	YS2C-L	CT-2	54507			VHSS-2	DPCS-6	SCS2	10003
CSP1	BCU-1	YS1C-L	CT-1	54508			VHSS-1	DPCS-8	SCS1	10004
CSP10	BCU-1/0	YS25-L	CT-1/0	54509			VHSS-1/0	DPCS-10	SCS1/0	10005
CSP20	BCU-2/0	YS26-L	CT-2/0	54510	—	—	VHSS-2/0	DPCS-13	SCS2/0	10006
CSP30	BCU-3/0	YS27-L	CT-3/0	54511			VHSS-3/0	DPCS-17	SCS3/0	10007
CSP40	BCU-4/0	YS28-L	CT-4/0	54512			VHSS-4/0	DPCS-21	SCS4/0	10008
CSP250	BCU-025	YS29-L	CT-250	54513			VHSS-250	DPCS-25	SCS250	10009
CSP300	BCU-030	YS30-L	CT-300	54514			VHSS-300	DPCS-30	SCS300	10010
CSP350	BCU-035	YS31-L	CT-350	54515			VHSS-350	DPCS-35	SCS350	10011

## Competitive Cross Reference

### Type CSP — Copper Splices, Short Barrel (cont'd)

Blackburn	Penn Union	Burndy	Ilsc	T&B	Homac	Kearney	Anderson	Dossert	Panduit	3M
CSP400	BCU-040	YS32-L	CT-400	54516			VHSS-400	DPCS-40	SCS400	—
CSP500	BCU-050	YS34-L	CT-500	54518			VHSS-500	DPCS-50	SCS500	10014
CSP600	—	—	—	—	—	—	—	—	—	—
CSP750	BCU-075	YS39-L	CT-750	54523			VHSS-750	DPCS-75	SCS750	10019
CSP1000	BCU-100	YS44-L	CT-1000	54528			VHSS-1000	DPCS-100	SCS1000	10024

### Type ATL — Aluminum Lugs, One-Hole

Blackburn	Penn Union	Burndy	Ilsc	T&B	Homac	Kearney	Anderson	Dossert	Panduit	3M
ATL8-10	—	YA8CA1	ACN-8	60101			VACL-8-10	—	—	—
ATL8-14	BLUA-8S	YA8C-A3	ACL-8	60102			VACL-8-14	DPL-1-1-AA	—	—
ATL6-10	—	—	—	60106			VACL-6-10	—	—	—
ATL6-14	BLUA-6S	YA6C-A1	ACL-6	60107			VACL-6-14	DPL-2-1-AA	LAA46-14	—
ATL6-38	—	—	—	—			—	—	—	—
ATL4-14	BLUA-4S3	YA4C-A1	ACL-4	60112			VACL-4-14	—	LAA4-14	—
ATL4-516	BLUA-4S2	YA4C-A3	ACN-4	60113			VACL-4-516	DPL-4-1-AA	LAA4-56	40020
ATL4-38	—	YA4CA6	—	—			VACL-4-38	—	LAA4-38	—
ATL2-14	BLUA-2S3	—	ACL-2	60116			VACL-2-14	—	LAA2-14	—
ATL2-516	BLUA-2S4	YA2C-A1	ACN-2	60117			VACL-2-516	—	LAA2-56	—
ATL2-38	BLUA-2S	YA2C-A3	—	60118			VACL-2-38	DPL-6-1-AA	LAA2-38	40024
ATL1-516	BLUA-1S3	—	—	60123			—	—	LAA1-56	—
ATL1-38	BLUA-1S	YA1C-A1	—	60124			VACL-1-38	DPL-8-1-AA	LAA1-38	40028
ATL10-516	BLUA-1/0S3	YA25-A1	ACN-1/0	60129			VACL-1/0-516	—	LAA1/0-56	—
ATL10-38	BLUA-1/0S	YA25-A3	ACL-1/0	60130			VACL-1/0-38	DPL-10-1-AA	LAA1/0-38	40032
ATL10-12	—	—	—	—			—	—	—	—
ATL20-38	BLUA-2/0S6	YA26-A6	ACL-2/0	60136	—	—	VACL-2/0-38	—	LAA2/0-38	—
ATL20-12	BLUA-2/0S	YA26-A1	ACN-2/0	60138			VACL-2/0-12	DPL-13-1-AA	LAA2/0-12	40037
ATL30-38	BLUA-3/0S2	YA27-A1	ACL-3/0	60142			VACL-3/0-38	—	LAA3/0-38	—
ATL30-12	BLUA-3/0S	YA27A3	ACN-3/0	60144			VACL-3/0-12	DPL-17-1-AA	LAA3/0-12	40041
ATL40-38	BLUA-4/0S2	YA28-A1	ACL-4/0	60148			VACL-4/0-38	—	LAA4/0-38	—
ATL40-12	BLUA-4/0S	YA28-A3	—	60150			VACL-4/0-12	DPL-21-1-AA	LAA4/0-12	40045
ATL250-12	BLUA-025S	YA29-A1	ACL-250	60156			VACL-250-12	—	LAA250-12	40049
ATL300-38	—	—	—	—			—	—	—	—
ATL300-12	—	—	—	—			—	—	—	—
ATL350-12	BLUA-035S	YA31A1	ACL-350	60166			VACL-350-12	—	LAA350-12	40056
ATL400-58	—	—	—	—			—	—	—	—
ATL500-12	BLUA-050S2	YA34A1	ACL-500	60171			VACL-500-12	—	LAA500-12	—
ATL500-58	—	—	—	—			—	—	—	—
ATL600-12	—	—	—	—			—	—	—	—
ATL750-12	—	—	—	—			—	—	—	—
ATL750-58	BLUA-075S1	YA39A3	ACL-750	60178			VACL-750-58	—	LAA750-58	40073

### Type ATL — Aluminum Lugs, Two-Hole

Blackburn	Penn Union	Burndy	Ilsc	T&B	Homac	Kearney	Anderson	Dossert	Panduit	3M
ATL102-38	BLUA-1/0D1	YA25A5	2ACL-1/0	60230			VACL-1/0-38B	—	LAB1/0-38	40132
ATL102	—	—	—	—			—	—	—	—
ATL202	BLUA-2/0D	YA26-A3	2ACL-2/0	60238			VACL-2/0-12BN	DPL-13-2N-AA	LAB2/0-12	40137
ATL302	BLUA-3/0D	YA27A5	2ACL-3/0	60244			VACL-3/0-12BN	DPL-17-2N-AA	LAB3/0-12	40141
ATL402	BLUA-4/0D	YA28-A5	2ACL-4/0	60250			VACL-4/0-12VN	DPL-21-2N-AA	LAB4/0-12	40145
ATL2502	BLUA-025D	YA29-A3	2ACL-250	60256	—	—	VACL-250-12BN	DPL-25-2N-AA	LAB250-12	—
ATL3002	—	—	—	—			—	—	—	—
ATL3502	BLUA-035D	YA31-A1	2ACL-350	60267			VACL-350-12BN	DPL-35-2N-AA	LAB350-12	40156
ATL4002	—	—	—	—			—	—	—	—
ATL5002	BLUA-050D2	YA34A3	2ACL-750	60273			VACL-500-12BN	DPL-50-2N-AA	LAB500-12	40166
ATL6002	—	—	—	—			—	—	—	—
ATL7502	BLUA-075D1	YA39-A5	2ACL-750	60278			VACL-750-12BN	DPL-75-2N-AA	LAB750-12	40172

## Conductor Reference

Bare Conductor Information AWG or kcmil										
Conductor Diameter (in.)	ACSR or All Aluminum	Rated Breaking Strength	Aluminum Alloy (5005-6201)	Rated Breaking Strength	Compacted ACSR or All Aluminum	Rated Breaking Strength	AWAC	Rated Breaking Strength	Copper or Copperweld Copper Composite	Rated Breaking Strength
0.162	#6, Solid	474.0			-	-			#6, Solid	1,280
0.169					#6, 7W	528			-	-
0.174	-	-	-	-	-	-			91 1/2D	1,743
0.179									8C	1,362
0.182	#5, Solid	597.7			#6, 6/1	1,170			#5, Solid	1,591
0.184	#6, 7W	560							#6, 7W	1,229
0.198	#6, 6/1	1,170	#6, 7W	555					-	-
0.199			-	-					8A	2,233
0.201	-	-	#6, 3W	915	-	-			-	-
0.202									#6, 3W	1,204
0.204	#4, Solid						-	-	#4, Solid	1,970
0.206		753.9							#5, 7W	1,542
0.213	-	-			#4, 7W	826			-	-
0.219									8D	3,256
0.223	#5, 6/1	1,460							7A	2,754
0.225	-	-	-	-					6C	2,143
0.226									#5, 3W	1,516
0.229	#3, Solid	929.9			#4, 6/1	1,830			#3, Solid	2,439
0.230	-	-							6A	2,585
0.232	#4, 7W	915							#4, 7W	1,938
0.236					#4, 7/1	2,288			-	-
0.245	-	-					#4, 6/1	1,783		
0.246									7D	4,022
0.250	#4, 6/1	1,830	#4, 7W	875					-	-
0.257	#4, 7/1	2,290								
0.258	#2, Solid	1,172.6			#3, 6/1	2,250			#2, Solid; 5A	3,003; 3,193
0.260	#3, 7W	1,100							#3, 7W	2,433
0.261							#4, 5/2	2,830		
0.268	-	-			#2, 7W	1,266				
0.276									6D	4,942
0.281	#3, 6/1	2,250					#4, 4/3	4,305		
0.286									#3, 3W	2,359
0.289	-	-	-	-					#1, Solid	3,688
0.290					#2, 6/1	2,790			4A	3,938
0.292	#2, 7W	1,340							#2, 7W	3,045
0.298					#2, 7/1	3,525				
0.301					#1, 7W	1,537				
0.307							#4, 3/4	6,325		
0.308	-	-							2F	4,233
0.309							#2, 6/1	2,760		
0.310									5D	6,035
0.316	#2, 6/1	2,790	32,7W	2,195						
0.320	-	-								
0.325	#2, 7/1	3,525							#2, 3W	2,913
0.326					#1, 6/1	3,480			1/0, Solid	4,517
0.327	-	-							5P	9,311
0.328	#1, 7W	1,620							2G	5,626
0.330	-	-	-	-					#1, 7W; 4N	3,804; 8,460
0.332	#1, 19W	1,685					#2, 5/2	4,436		
0.338									#1, 19W	3,899
0.340	-	-			1/0, 7W	1,865				
0.346					1/0, 19W	2,090	#4, 2/5	9,314		
									1F	5,266

## Conductor Reference

Bare Conductor Information AWG or kmcil (cont'd)										
Conductor Diameter (in.)	ACSR or All Aluminum	Rated Breaking Strength	Aluminum Alloy (5005-6201)	Rated Breaking Strength	Compacted ACSR or All Aluminum	Rated Breaking Strength	AWAC	Rated Breaking Strength	Copper or Copperweld Copper Composite	Rated Breaking Strength
0.348	-	-					-	-	4D	7,340
0.349	-	-					-	-	2J	7,322
0.355	#1, 6/1	3,480					#2, 4/3	6,785	-	-
0.360	-	-							#1, 3W	3,620
0.365	-	-			1/0, 6/1	4,280			2/0, Solid	5,519
0.366	-	-							2A; 4P	5,876; 11,420
0.367	80, 8/1	5,200							1G	6,956
0.368	1/0, 7W	1,970							1/0, 7W; 3N	4,750; 10,390
0.372	-	-	-	-					1/0, 19W	4,901
0.373	1/0, 19W	2,090							-	9,730
0.377	-	-							2K	-
0.381	-	-								-
0.382	-	-								-
0.386	-	-								-
0.388	-	-								-
0.390	-	-								-
0.392	-	-								-
0.398	1/0, 6/1	4,280	1/0, 7W	3,405						-
0.410	-	-								-
0.411	-	-								-
0.412	-	-								-
0.413	-	-								-
0.414	2/0, 7W	2,485								-
0.416	-	-								-
0.419	2/0, 19W	2,586								-
0.423	-	-								-
0.426	-	-								-
0.428	-	-								-
0.429	-	-								-
0.436	-	-								-
0.438	-	-								-
0.440	-	-								-
0.447	2/0, 6/1	5,345	2/0, 7W	4,230						-
0.461	101.8, 12/7	9,860								-
0.462	-	-								-
0.463	-	-								-
0.464	3/0, 7W	3,005								-
0.467	-	-								-
0.470	3/0, 19W	3,200								-
0.475	-	-								-
0.480	-	-								-
0.481	110.8, 12/7	10,730								-
0.487	-	-								-
0.492	-	-								-
0.494	-	-								-
0.502	3/0, 6/1	6,675	3/0, 7W	4,965						-
0.517	-	-								-
0.522	4/0, 7W	3,590								-
0.523	-	-								-
0.528	4/0, 19W	3,980								-
0.530	134.6, 12/7	12,920								-
0.534	-	-								-
0.537	-	-								-
0.540	-	-								-
0.541	-	-								-
0.550	-	-								-

## Conductor Reference

Bare Conductor Information AWG or kmcil (cont'd)										
Conductor Diameter (in.)	ACSR or All Aluminum	Rated Breaking Strength	Aluminum Alloy (5005-6201)	Rated Breaking Strength	Compacted ACSR or All Aluminum	Rated Breaking Strength	AWAC	Rated Breaking Strength	Copper or Copperweld Copper Composite	Rated Breaking Strength
0.552	-	-	-	-	-	-	4/0, 6/1	7,685	4/0, 12W	9,483
0.559	-	-	-	-	266.8, 18/1	7,100	-	-	-	-
0.563	4/0, 6/1	8,420	4/0, 7W	6,265	-	-	-	-	-	-
0.571	-	-	-	-	-	-	-	-	4/0EK	15,370
0.573	-	-	-	-	300, 19W	5,301	-	-	-	-
0.574	250, 19W	-	-	-	-	-	-	-	250, 19W	11,360
0.575	250, 37W	4,860	-	-	-	-	4/0, 15/4	10,870	250, 37W	11,560
0.576	159, 12/7	15,200	-	-	-	-	-	-	-	-
0.583	-	-	-	-	-	-	-	-	4/0G	15,640
0.586	266.8, 7W	4,780	-	-	-	-	-	-	-	-
0.593	266.8, 19W	4,810	-	-	300, 18/1	7,990	-	-	-	-
0.594	266.8, 37W	-	-	-	-	-	-	-	-	-
0.600	-	-	-	-	-	-	-	-	250, 12W	11,130
0.603	-	-	-	-	336.4, 7W	5,885	-	-	-	-
0.607	176.9, 12/7	16,440	-	-	336.4, 19W	5,940	-	-	-	-
0.609	266.8, 18/1	7,100	-	-	-	-	-	-	-	-
0.613	-	-	-	-	-	-	-	-	4/0E	20,730
0.618	-	-	-	-	350, 19W	6,185	-	-	-	-
0.621	-	-	-	-	-	-	-	-	250EK	17,840
0.628	300, 19W	5,890	-	-	336.4, 18/1	8,950	-	-	300, 19W	13,510
0.630	300, 37W	5,830	-	-	-	-	-	-	300, 37W	13,870
0.631	190.8, 12/7	17,730	-	-	-	-	-	-	-	-
0.633	266.8, 6/7	9,645	-	-	-	-	-	-	-	-
0.642	266.8, 26/7	11,250	266.8, 19W	8,180	-	-	-	-	-	-
0.657	-	-	-	-	-	-	-	-	300, 12W	13,170
0.660	-	-	-	-	397.8, 19W	6,880	-	-	-	-
0.664	211.3, 12/7	19,640	-	-	-	-	-	-	-	-
0.666	336.4, 19W	5,945	-	-	-	-	-	-	250E	23,920
0.678	-	-	-	-	-	-	-	-	350, 19W	15,590
0.679	350, 19W	6,180	-	-	-	-	336.4, 18/1	8,650	-	-
0.680	300, 26/7	12,650	-	-	-	-	-	-	300EK	20,960
0.681	350, 37W	6,680	-	-	-	-	-	-	350, 37W	16,060
0.682	-	-	-	-	397.5, 18/1	10,040	-	-	-	-
0.684	336.4, 18/1	8,950	-	-	-	-	-	-	-	-
0.700	300, 30/7	15,430	-	-	-	-	-	-	-	-
0.710	-	-	-	-	-	-	-	-	350, 12W	15,140
0.714	203.2, 16/19	27,500	-	-	-	-	-	-	-	-
0.721	336.4, 26/7	14,050	-	-	-	-	-	-	-	-
0.722	-	-	-	-	477, 19W	8,090	-	-	-	-
0.724	397.5, 19W	6,885	-	-	-	-	-	-	-	-
0.726	-	-	-	-	-	-	-	-	400, 19W	17,560
0.728	400, 37W	7,350	-	-	-	-	-	-	400, 37W	18,320
0.729	-	-	-	-	-	-	-	-	300E	27,770
0.735	-	-	-	-	-	-	-	-	350EK	23,850
0.739	-	-	-	-	500, 19W	8,480	-	-	-	-
0.741	336.4, 30/7	17,040	-	-	-	-	-	-	-	-
0.742	-	-	-	-	477, 18/1	11,870	-	-	-	-
0.743	397.5, 18/1	10,400	-	-	-	-	-	-	-	-
0.770	-	-	-	-	-	-	-	-	450, 19W	19,750
0.772	450, 37W	8,110	-	-	-	-	-	-	450, 37W	20,450
0.780	-	-	-	-	556, 19W	9,440	-	-	-	-
0.782	-	-	397.5, 19W	11,840	-	-	-	-	-	-
0.783	397.5, 26/7	16,190	-	-	-	-	-	-	-	-
0.788	-	-	-	-	-	-	-	-	350E	32,420
0.793	477, 19W	8,090	-	-	-	-	-	-	-	-
0.795	477, 37W	8,600	-	-	-	-	-	-	-	-

## Conductor Reference

Bare Conductor Information AWG or kmcil (cont'd)										
Conductor Diameter (in.)	ACSR or All Aluminum	Rated Breaking Strength	Aluminum Alloy (5005-6201)	Rated Breaking Strength	Compacted ACSR or All Aluminum	Rated Breaking Strength	AWAC	Rated Breaking Strength	Copper or Copperweld Copper Composite	Rated Breaking Strength
0.801	-	-			556.5, 18/1	13,850			-	-
0.806	397.5, 30/7	19,980							500, 19W	21,950
0.811	500, 19W	9,425							500, 37W	22,510
0.813	500, 37W	9,010								
0.814	477, 18/1	12,300								
0.834	-	-			636, 19W	10,790				
0.846	477, 24/7	17,200							550, 37W	24,760
0.853	-	-							550, 61W	25,230
0.855	500, 61W	10,490								
0.856	556, 19W	9,440								
0.858	477, 26/7 556.5, 37/W	19,430 9,835	477, 19W	13,450						
0.862	-	-			636, 18/1	15,830				
0.879	556.5, 18/1	14,300								
0.883	477, 30/7	23,300								
0.891	-	-							600, 37W	27,020
0.893	600, 61W	11,450							600, 61W	27,530
0.904	500, 30/7	24,450								
0.914	556.5, 24/7	9,925								
0.918	636, 37W	11,240								
0.927	556.5, 26/7	19,850	556.5, 19W	15,680						
0.928	-	-							650, 37W	29,130
0.929	650, 61W	11,940							650, 61W	29,770
0.932	-	-			795, 19W	16,540				
0.940	636, 18/1	16,400								
0.953	556.5, 30/7	27,200								
0.953	605, 24/7	21,500								
0.953	605, 54/7	22,500							700, 37W	31,170
0.962	-	-							700, 61W	31,820
0.964	700, 61W	12,860								
0.966	605, 26/7	24,100								
0.974	715.5, 37W	12,640								
0.975	715.5, 61W	13,150								
0.977	636, 24/7	22,600								
0.977	636, 54/7	23,600								
0.981	-	-			874.5, 37W	14,830				
0.990	636, 26/7	25,000	636, 37W	19,110						
0.994	605, 30/19	30,000			874.5, 36/1	17,900				
0.997	750, 37W	14,430							750, 37W	33,400
0.998	750, 61W	13,510							750, 61W	34,090
1.000	666.6, 24/7	23,700								
1.000	666.6, 54/7	24,500								
1.019	636, 30/19	30,500								
1.024	-	-			954, 37W	16,180				
1.026	795, 37W	13,770								
1.028	795, 61W	14,330								
1.029	-	-							800, 37W	35,120
1.031	800, 61W	14,410							800, 61W	36,360
1.039	-	-			954, 36/1	19,520				
1.040	795, 36/1	10,000								
1.051	715.5, 26/7	28,100								
1.061	-	-							850, 37W	37,310
1.062	-	-							850, 61W	38,270
1.063	795, 45/7	22,900								
1.077	874.5, 37W	14,840								
1.078	874.5, 61W	15,760								



## Conductor Reference

Bare Conductor Information AWG or kmcil (cont'd)										
Conductor Diameter (in.)	ACSR or All Aluminum	Rated Breaking Strength	Aluminum Alloy (5005-6201)	Rated Breaking Strength	Compacted ACSR or All Aluminum	Rated Breaking Strength	AWAC	Rated Breaking Strength	Copper or Copperweld Copper Composite	Rated Breaking Strength
1.081	715.5, 30/19	34,600								
1.092	-	-								
1.093	795, 54/7	28,500	-	-					900, 37W	39,510
1.094	900, 61W	15,900							-	-
1.108	795, 26/7	31,200	795, 37W	23,590					900, 61W	40,520
1.124	954, 37W	16,180								
1.126	954, 61W	16,860								
1.140	795, 30/19	38,400								
1.146	874.5, 54/7	31,400								
1.151	1,000, 37W									
1.152	1,000, 61W	17,670							1,000, 37W	43,830
1.162	900, 54/7	32,300							1,000, 61W	45,030
1.165	954, 45/7	26,900								
1.170	1,033.5, 37W	17,530								
1.172	1,033.5, 61W	18,260								
1.196	954, 54/7	34,200								
1.213	1,033.5, 45/7	28,900								
1.216	1,113, 61W	19,670								
1.246	1,033.5, 54/7	37,100								
1.258	1,192.5, 61W	21,070								
1.259	1,113, 45/7	30,900								
1.288	-	-								
1.293	1,113, 54/19	40,200								
1.300	1,272, 61W	22,030								
1.302	1,192.5, 45/7	33,200								
1.333	1,192.5, 54/19	43,100								
1.340	1,351.5, 61W	23,400								
1.345	1,272, 45/7	35,400								
1.379	1,431, 61W	23,400								
1.382	1,272, 54/19	44,800								
1.417	1,510.5, 61W	25,630								
1.424	1,351.5, 54/19	47,600								
1.427	1,431, 45/7	39,800								
1.443	1,431, 54/19 1,590, 61W	50,400 26,970								
1.454	1,590, 91W	28,100								
1.465	1,431, 54/19	50,400								
1.504	1,590, 45/7	43,800								
1.506	1,510.5, 54/19	53,300								
1.545	1,590, 54/19	56,000								
1.602	1,780, 84/19	53,600								
1.630	2,000/91W	34,640								
1.823	2,500, 91W	42,410								
1.996	3,000 127W	50,890								
2.158	3,500, 127W	59,380								

## Conductor Reference

AWG/kcmil vs. Metric Wire Sizes — Option 1

Circular Mils Typical	AWG Size	Metric Wire Size mm <sup>2</sup>	Equivalent Circular Mils	Stranding/ Wire Diameter per Standard		Approximate Overall Diameter	
				in.	mm	in.	mm
—	—	0.50	987	1/0.032	1/0.813	0.032	0.81
1020	20	—	—	7/0.0121	7/0.307	0.036	0.91
—	—	0.75	1480	1/0.039	1/0.991	0.039	0.99
1620	18	—	—	1/0.0403	1/1.02	0.040	1.02
1620	18	—	—	7/0.0152	7/0.386	0.046	1.16
—	—	1.0	1974	1/0.045	1/1.14	0.045	1.14
—	—	1.0	1974	7/0.017	7/0.432	0.051	1.30
2580	16	—	—	1/0.0508	1/1.29	0.051	1.29
2580	16	—	—	7/0.0192	7/0.488	0.058	.46
—	—	1.5	2960	1/0.055	1/1.40	0.055	1.40
—	—	1.5	2960	7/0.021	7/5.33	0.063	1.60
4110	14	—	—	1/0.0641	1/1.63	0.064	1.63
4110	14	—	—	7/0.0242	7/0.615	0.073	1.84
—	—	2.5	4934	1/0.071	1/1.80	0.071	1.80
—	—	2.5	4934	7/0.027	7/0.686	0.081	2.03
6530	12	—	—	1/0.0808	1/2.05	0.081	2.05
6530	12	—	—	7/0.0305	7/0.775	0.092	2.32
—	—	4	7894	1/0.089	1/2.26	0.089	2.26
—	—	4	7894	7/0.34	7/0.864	0.102	2.59
10380	10	—	—	1/0.1019	1/2.59	0.102	2.59
10380	10	—	—	7/0.0385	7/0.978	0.116	2.93
—	—	6	11840	1/0.109	1/2.77	0.109	2.77
—	—	6	11840	7/0.042	7/0.107	0.126	3.21
13090	9	—	—	1/0.1144	1/2.91	0.1144	2.91
13090	9	—	—	7/0.0432	7/1.10	0.130	3.30
16510	8	—	—	1/0.1285	1/3.26	0.128	3.26
16510	8	—	—	7/0.0486	7/1.23	0.149	3.0
—	—	10	19740	1/0.141	1/3.58	0.141	3.58
—	—	10	19740	7/0.54	7/1.37	0.162	4.12
20820	7	—	—	1/0.1443	1/3.67	0.144	3.67
20820	7	—	—	7/0.545	7/1.38	0.164	4.15
26240	6	—	—	1/0.162	1/4.11	0.162	4.11
26240	6	—	—	7/0.0612	7/1.55	0.184	4.66
—	—	16	31580	7/0.068	7/1.73	0.204	5.18
33090	5	—	—	7/0.0688	7/1.75	0.206	5.24
41740	4	—	—	7/0.0772	7/1.96	0.232	5.88
—	—	25	49340	7/0.085	7/2.16	0.255	6.48
—	—	25	49340	19/0.052	19/1.32	0.260	6.60
52620	3	—	—	7/0.0867	7/2.20	0.260	6.61
66360	2	—	—	7/0.0974	7/2.47	0.292	7.42
—	—	35	69070	7/0.100	7/2.54	0.300	7.62
—	—	35	69070	19/0.061	19/1.55	0.305	7.75

## Conductor Reference

AWG/kcmil vs. Metric Wire Sizes – Option 1 (cont'd)							
Circular Mils Typical	AWG Size	Metric Wire Size mm <sup>2</sup>	Equivalent Circular Mils	Stranding/ Wire Diameter per Standard		Approximate Overall Diameter	
				in.	mm	in.	mm
83690	1	–	–	19/0.0664	19/1.69	0.332	8.43
–	–	50	98680	19/0.073	19/1.85	0.365	9.27
105600	1/0	–	–	19/0.0745	19/1.89	0.373	9.46
133100	2/0	–	–	19/0.0837	19/2.13	0.419	10.6
–	–	70	138100	19/0.086	19/2.18	0.430	10.9
167800	3/0	–	–	19/0.094	19/2.39	0.470	11.9
167800	3/0	–	–	37/0.0673	37/1.71	0.471	12.0
–	–	95	187500	19/0.101	19/2.57	0.505	12.8
–	–	95	187500	37/0.072	37/1.83	0.504	12.8
211600	4/0	–	–	19/0.1055	19/2.68	0.528	13.4
–	–	120	237.8 kcmil	37/0.081	37/2.06	0.567	14.4
250 kcmil	–	–	–	37/0.0822	37/2.09	0.575	14.6
300 kcmil	–	150	–	37/0.090	37/2.29	0.630	16.0
350 kcmil	–	–	–	37/0.0973	37/2.47	0.681	17.3
–	–	185	365.1 kcmil	37/0.100	37/2.54	0.700	17.8
400 kcmil	–	–	–	37/0.104	37/2.64	0.728	28.5
–	–	240	473.6 kcmil	37/0.114	37/2.90	0.798	20.3
–	–	240	473.6 kcmil	61/0.089	61/2.26	0.801	20.3
500 kcmil	–	–	–	37/0.1162	37/2.95	0.813	20.7
500 kcmil	–	–	–	61/0.0905	61/2.30	0.814	20.7
–	–	300	592.1 kcmil	61/0.99	61/2.51	0.891	22.6
600 kcmil	–	–	–	61/0.0992	61/2.52	0.893	22.7
700 kcmil	–	–	–	61/0.1071	61/2.72	0.964	24.5
750 kcmil	–	–	–	61/0.1109	61/2.82	0.998	25.4
750 kcmil	–	–	–	91/0.0908	91/2.31	0.999	25.4
–	–	400	789.4 kcmil	61/0.114	61/2.90	1.026	26.1
800 kcmil	–	–	–	61/0.1145	61/2.91	1.031	26.2
800 kcmil	–	–	–	91/0.0938	91/2.38	1.032	26.2
1000 kcmil	–	500	986.8 kcmil	61/0.1280	61/3.25	1.152	29.3
1000 kcmil	–	–	–	91/0.1048	91/2.66	1.153	29.3
–	–	625	1233.7 kcmil	91/0.117	91/2.97	1.287	32.7
1250 kcmil	–	–	–	91/0.1172	91/2.98	1.289	32.7
1250 kcmil	–	–	–	127/0.0992	127/2.52	1.290	32.8
1500 kcmil	–	–	–	91/0.1284	91/3.26	1.412	35.9
1500 kcmil	–	–	–	127/0.1087	127/2.76	1.413	35.9
–	–	800	1578.8 kcmil	91/0.132	91/3.35	1.452	36.9
–	–	1000	1973.5 kcmil	91/0.147	91/3.73	1.617	41.1
2000 kcmil	–	–	–	127/0.1255	127/3.19	1.632	41.5
2000 kcmil	–	–	–	169/0.1088	169/2.76	1.632	41.5

## Conductor Reference

AWG/kcmil vs. Metric Wire Sizes – Option 2

Approximate Overall Diameter		Circular Mils	AWG Size	Metric Wire Size mm <sup>2</sup>	Equivalent Circular Mils	Stranding/Wire Diameter per Strand	
in.	mm					in.	mm
0.032	0.81	–	–	0.50	987	1/0.032	1/0.813
0.036	0.91	1020	20	–	–	7/0.0121	7/0.307
0.039	0.099	–	–	0.75	1480	1/0.039	1/0.991
0.040	1.02	1620	18	–	–	1/0.0403	1/1.02
0.046	1.16	1620	18	–	–	7/0.0152	7/0.386
0.045	1.14	–	–	1.0	1974	1/0.045	1/1.14
0.051	1.30	–	–	1.0	1974	7/0.017	7/0.432
0.051	1.29	2580	16	–	–	1/0.0508	1/1.29
0.058	1.46	2580	16	–	–	7/0.0192	7/0.488
0.055	0.40	–	–	1.5	2960	1/0.055	1/1.40
0.063	1.60	–	–	1.5	2960	7/0.021	7/5.33
0.064	1.63	4110	14	–	–	1/0.0641	1/1.63
0.073	1.84	4110	14	–	–	7/0.0242	7/0.615
0.071	1.80	–	–	2.5	4934	1/0.071	1/1.80
0.081	2.06	–	–	2.5	4934	7/0.027	7/0.686
0.081	2.05	6530	12	–	–	1/0.0808	1/2.05
0.092	2.32	6530	12	–	–	7/0.0305	7/0.775
0.089	2.26	–	–	4	7894	1/0.089	1/2.26
0.102	2.59	–	–	4	7894	7/0.034	7/0.864
0.102	2.59	10380	10	–	–	1/0.1019	1/2.59
0.116	2.93	10380	10	–	–	7/0.0385	7/0.978
0.109	2.77	–	–	6	11840	1/0.109	1/2.77
0.126	3.21	–	–	6	11840	7/0.042	7/0.107
0.1144	2.91	13090	9	–	–	1/0.1144	1/2.91
0.130	3.30	13090	9	–	–	7/0.0432	7/1.10
0.128	3.26	16510	8	–	–	1/0.1285	1/3.26
0.146	3.70	16510	8	–	–	7/0.0486	7/1.23
0.141	3.58	–	–	10	19740	1/0.141	1/3.58
0.162	4.12	–	–	10	19740	7/0.054	7/1.37
0.144	3.67	20820	7	–	–	1/0.1443	1/3.67
0.164	4.15	20820	7	–	–	7/0.0545	7/1.38
0.162	4.11	26240	6	–	–	1/0.162	1/4.11
0.184	4.66	26240	6	–	–	7/0.0612	7/1.55
0.204	5.18	–	–	16	31580	7/0.068	7/1.73
0.206	5.24	33090	5	–	–	7/0.0688	7/1.75
0.232	5.88	41740	4	–	–	7/0.0772	7/1.96
0.255	6.48	–	–	25	49340	7/0.085	7/2.16
0.260	6.60	–	–	25	49340	19/0.052	19/1.32
0.260	6.61	52620	3	–	–	7/0.0867	7/2.20
0.292	7.42	66360	2	–	–	7/0.0974	7/2.47
0.300	7.62	–	–	35	69070	7/0.100	7/2.54
0.305	7.75	–	–	35	69070	19/0.061	19/1.55

## Conductor Reference

AWG/kcmil vs. Metric Wire Sizes – Option 2 (cont'd)							
Approximate Overall Diameter		Circular Mils	AWG Size	Metric Wire Size mm <sup>2</sup>	Equivalent Circular Mils	Stranding/Wire Diameter per Strand	
in.	mm					in.	mm
0.332	8.43	83690	1	–	–	19/0.0664	19/1.69
0.365	9.27	–	–	50	98680	19/0.073	19/1.85
0.373	9.46	105600	1/0	–	–	19/0.0745	19/1.89
0.419	10.6	133100	2/0	–	–	19/0.0837	19/2.13
0.430	10.9	–	–	70	138100	19/0.086	19/2.18
0.470	11.9	167800	3/0	–	–	19/0.094	19/2.39
0.471	12.0	167800	3/0	–	–	37/0.0673	37/1.71
0.505	12.8	–	–	95	187500	19/0.101	19/2.57
0.504	12.8	–	–	95	187500	37/0.072	37/1.83
0.528	13.4	211600	4/0	–	–	19/0.1055	19/2.68
0.567	14.4	–	–	120	237.8 kcmil	37/0.081	37/2.06
0.575	14.6	250 kcmil	–	–	–	37/0.0822	37/2.09
0.630	16.0	300 kcmil	–	150	–	37/0.090	37/2.29
0.681	17.3	350 kcmil	–	–	–	37/0.0973	37/2.47
0.700	17.8	–	–	185	365.1 kcmil	37/0.100	37/2.54
0.728	18.5	400 kcmil	–	–	–	37/0.104	37/2.64
0.798	20.3	–	–	240	473.6 kcmil	37/0.114	37/2.90
0.801	20.3	–	–	240	473.6 kcmil	61/0.089	61/2.26
0.813	20.7	500 kcmil	–	–	–	37/0.1162	37/2.95
0.814	20.7	500 kcmil	–	–	–	61/0.0905	61/2.30
0.891	22.6	–	–	300	592.1 kcmil	61/0.099	61/2.51
0.893	22.7	600 kcmil	–	–	–	61/0.0992	61/2.52
0.964	24.5	700 kcmil	–	–	–	61/0.1071	61/2.72
0.998	25.4	750 kcmil	–	–	–	61/0.1109	61/2.82
0.999	25.4	750 kcmil	–	–	–	91/0.0908	91/2.31
1.026	26.1	–	–	400	789.4 kcmil	61/0.114	61/2.90
0.031	26.2	800 kcmil	–	–	–	61/0.1145	61/2.91
0.032	26.2	800 kcmil	–	–	–	91/0.0938	91/2.38
1.152	29.3	1000 kcmil	–	500	986.8 kcmil	61/0.1280	61/3.25
0.153	29.3	1000 kcmil	–	–	–	91/0.1048	91/2.66
1.287	32.7	–	–	625	1233.7 kcmil	91/0.117	91/2.97
1.289	32.7	1250 kcmil	–	–	–	91/0.1172	91/2.98
1.290	32.8	1250 kcmil	–	–	–	127/0.0992	127/2.52
1.412	35.9	1500 kcmil	–	–	–	91/0.1284	91/3.26
1.413	35.9	1500 kcmil	–	–	–	127/0.1087	127/2.76
1.452	36.9	–	–	800	1578.8 kcmil	91/0.132	91/3.35
1.617	41.1	–	–	1000	1973.5 kcmil	91/0.147	91/3.73
1.632	41.5	2000 kcmil	–	–	–	127/0.1255	127/3.19
1.632	41.5	2000 kcmil	–	–	–	169/0.1088	169/2.76

