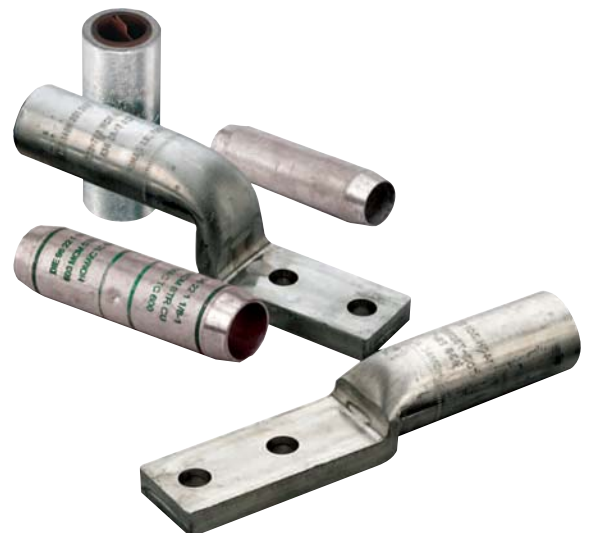


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The Homac® and Blackburn® brands by Thomas & Betts provide compression connectors for wires ranging from #12 AWG to 2500 kcmil. Choose from a vast array of dual-rated aluminum lugs, copper lugs, aluminum and copper splices and copper tees. No matter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

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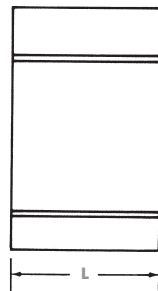
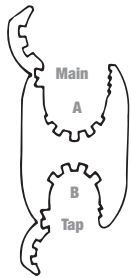


Compression H-Tap Connectors

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



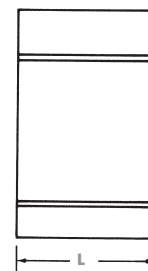
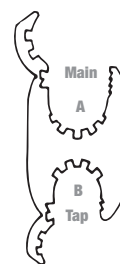
Cat. No.	Connector No.	Conductor Range												Connector Length L (in.)	Installation Information				
		Standard Conductor						Compact Conductor							Connector Die	No. Indents			
		Main			Tap			Main			Tap					Mech. Tool	Hyd. Tool		
		ACSR	Str.	Sol.	ACSR	Str.	Sol.	ACSR	Str.	ACSR	Str.	Max.	Min.					Max.	Min.
WR159	1	2 3 4 6	1 2 3 4 6	2 3 4 6			2 3 4 6	2 3 4 6	1 2 3 4 6	2 3 4 6		0.332	0.162			1-7/16	0	4	
WR189	2	1/0 1 2 3	2/0 1/0 1 2	3/0 2/0 1/0 1	2 3 4 6	1 2 3 4 6	1/0 1 2 3 4 6	2/0 1/0 1 2	2/0 1/0 1 2	1 2 3 4 6		0.419	0.266	0.332	0.162	1-11/16			
WR289	3	2/0 1/0	3/0 2/0	4/0 3/0				3/0 2/0	3/0			0.470	0.398					5	2
WR279	4		3/0 2/0 1/0	4/0 3/0 2/0	2/0 1/0	3/0 2/0	3/0 2/0	3/0 2/0 1/0	3/0 2/0 1/0	3/0 2/0 1/0		0.336	0.470	0.36		1-13/16			
WR379	5		4/0	4/0	2 3 4 6	1 2 3 4 6	1/0 1 2 3 4 6	266-18/1 250 4/0	266 250 4/0	1 2 3 4 6	1 2 3 4 6	0.563	0.475	0.332	0.162		D		
WR399	6		4/0 3/0		2/0 1/0 1	2/0 1/0	3/0 2/0	266-18/1 4/0 3/0	266 250 4/0	2/0 1/0	3/0 2/0 1/0		0.461	0.447	0.338	2-3/16		6	
WR419	7		4/0 3/0		4/0 3/0	4/0 3/0	-	266-18/1 4/0 3/0	266 250 4/0	266-18/1 4/0 3/0	266 250 4/0		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 4 6	4 4 6	2 3 4 6	3 4 6	2 3 4 6	0.266	0.162		0.266 0.162	1-1/2	0	5	2
WR179	1/0 1 2 3	1/0 1 2	1	4 6	3 4 6	4 6	1/0 1 2		4 6	3 4 6	0.398	0.266		0.266 0.162	1-3/4			
WR199	1/0 1 2 3	1/0 1 2		2 3 4	1 2 3 4		2/0 1/0 1 2		1 2 3 4	1 2		0.066	0.332					
WR1010	1/0 1 2 3 4	2/0 1/0 1 2 3 4	1 2	1/0 1 2 3 4	2/0 1/0 1 2 3 4	1 2	2/0 1/0 1 2 3 4		2/0 1/0 1 2 3 4	2/0 1/0 1 2	0.419	0.232	0.419	0.232	4			
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	1-7/8		
WR299	2/0 1/0	3/0 2/0		4 6	3 4 6	2 3 4 6	3/0 2/0	3/0	4 6	2 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				

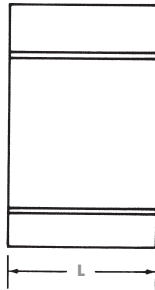
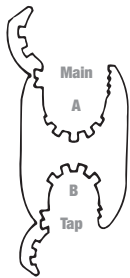


Compression H-Tap Connectors

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.	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	3/0								2/0	2/0
WR359	4/0	3/0	4	3	2	266 250 4/0	1/0 1 2	1/0 1 2	0.563	0.461	0.266	0.162	1-7/8				4	
WR369	3/0		6	4	3									1	3/0	2/0		0.374
WR369**	4/0	4/0	1	1/0	1/0	266 4/0 3/0	266 250 4/0 3/0	1/0 1 1 2 4	0.63	0.423	0.3763	0.232		5				
WR389	4/0	3/0	2/0	3/0	-	266 250 4/0	3/0 2/0	3/0 2/0	0.563	0.461	0.376	0.232	2-3/16	6				
WR389**	3/0		1/0	2/0											3/0	2/0	2/0	1/0

*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

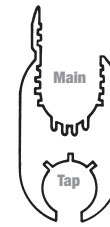
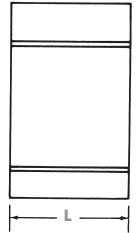


Fig. 1



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			Main		Tap		Main		Tap				
	ACSR	Str.	ACSR	Str.	Sol.	ACSR	Str.	ACSR	Str.	Max.	Min.	Max.	Min.			
WR715	397-18/1 336 266	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		397	1/0	1/0						2/0	
WR775	397-18/1 336 266 250 4/0	400	397-18/1	400	397	477	500	477	500	0.743	0.743	0.520	3	3		
		397	350	350	350	397	400	397	400							
WR815	556 500 400 397 350 336 300 266 250	2/0	2/0	3/0	556	556	2/0	3/0	0.858	0.520	0.447	0.162	2	TBM12, JB12B and Y-35		
		1/0	1/0	2/0		477	477	1/0							2/0	
WR835	477-18/1 397 336 266 250	4/0	4/0	4/0	556	266	250	400	0.684	0.814	0.563	0.368	3	3		
		3/0	3/0	3/0		477	397	3/0							4/0	
WR875**	477-18/1 397 336 266 250	2/0	2/0	2/0	556	397	336	336	0.684	0.814	0.684	0.368	3	3		
		1/0	1/0	2/0		477	397	2/0							3/0	
WR885	500 400 397 350 336 300 266 250 4/0	4/0	4/0	4/0	556	266	250	556	0.814	0.814	0.814	0.520	3	3		
		3/0	3/0	3/0		477	397	3/0							4/0	

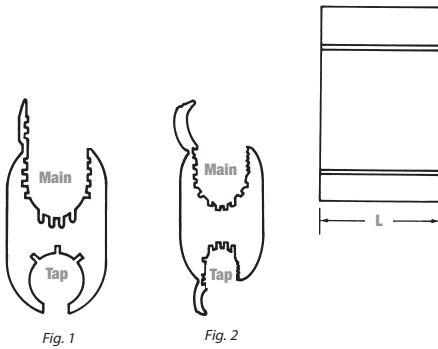
* Will accept conductors of these same wire sizes with a 3% reduction of diameter (compressed).
** Not reversible (Fig. 2).



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



Products on this page are not CSA applicable.

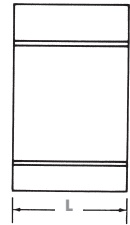
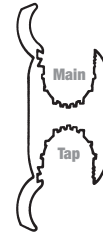
Cat. No.	Conductor Range												Connector Length L (in.)	Installation Information		
	Standard Conductor*					Compact Conductor				Diameter (in.)				For Use with Tool	No. of Indents	
	Main		Tap			Main		Tap		Main		Tap				
	ACSR	Str.	ACSR	Str.	Sol.	ACSR	Str.	ACSR	Str.	Max.	Min.	Max.				Min.
WR699			4 6	3 4 6	2 3 4 6			4 6	2 3 4 6			0.266	0.162	2	2	
WR719	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			
WR739			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			
WR779			397-18/1 336 266	400 397 350 336 266 250	477 397			477 397 336	477 397 336			0.743	0.570			3
WR799	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	2	TBM12, JB12B and 13642M	
WR819	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			
WR839			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			
WR879**			336-18/1 266	350 336 300 266	397			397 350 336	397 350 336			0.684	0.593			3
WR889		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



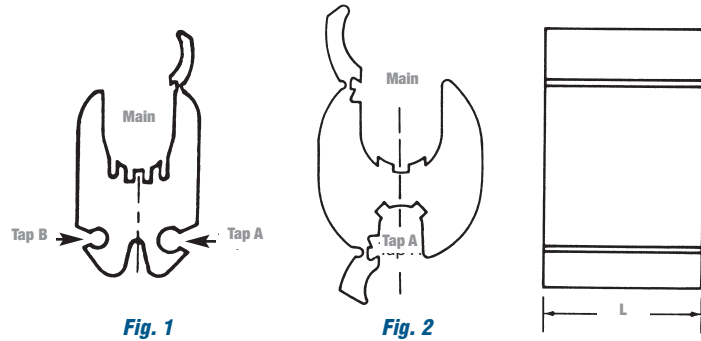
Products on this page are not CSA applicable.

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	556-18/1	600	336-1/81	350	636	700	397-1/2	397	0.893	0.666	0.684	0.398	4-3/4	TBM15I (15620)	R	4																
			266	336			336	350									300	300	300													
WR929	397	400	4/0	266	556	500	636	700	0.893	0.666	0.893	0.666					4-3/4	TBM15I (15620)	R	4												
			3/0	250			477	636													636	300	300									
WR949	795-26/7	800	2/0	266	954	1000	4/0	266	1.108	0.883	0.684	0.398									4-3/4	TBM15I (15620)	R	4								
			1/0	250			874	266																	266	300	300					
WR969	477-30/7	600	3/0	250	954	750	3/0	250	1.108	0.883	0.893	0.666													4-3/4	TBM15I (15620)	R	4				
			600	400			874	400																					400	450	450	
WR989	795-26/7	800	4/0	250	954	750	4/0	250	1.108	0.883	1.108	0.883																	4-3/4	TBM15I (15620)	R	4
			600	400			874	400																								
WR999	954-45/7	1033	2/0	300	954	900	2/0	300	1.172	0.997	1.172	0.997	4-3/4	TBM15I (15620)	R	4																
			600	336			874	336																								
WR999	954-45/7	1033	3/0	250	954	900	3/0	250	1.172	0.997	1.172	0.997					4-3/4	TBM15I (15620)	R	4												
			600	400			874	400																								
WR999	954-45/7	1033	4/0	250	954	900	4/0	250	1.172	0.997	1.172	0.997									4-3/4	TBM15I (15620)	R	4								
			600	400			874	400																								
WR999	954-45/7	1033	5/0	336	954	900	5/0	336	1.172	0.997	1.172	0.997													4-3/4	TBM15I (15620)	R	4				
			600	400			874	400																								



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	6 8 10	12 14	12 14	0.419	0.250	0.162	0.100	0.092	0.064	1-1/2	0	4	-							
WR502		4/0 3/0	4/0 3/0	-					8 10	6 8 10									12 14	12 14	0.461	0.365	D	-	2
WR502*		4/0 3/0 2/0 1/0	4/0 3/0 2/0 1/0	-					8 10	6 8 10									12 14	12 14	0.563	0.365	D	-	2

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

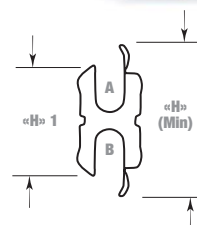


Fig. 1

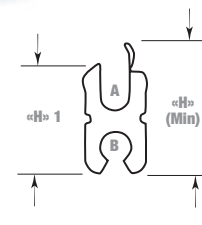


Fig. 2

Cat. No.	Figure No.	Conductor Range								Dimensional Information			Installation Information							
		Standard Conductor*				Diameter (in.)*				H (Min.)	H 1	Connector Length (in.)	Mechanical Tools***			Hydraulic Tools***				
		Main A		Tap B		Main A		Tap B					OD 58	Type 0	MD Series	JB12B	H Series	Y-35	TBM15/TBM15PF 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 U-BG	
CFS44-1	2	6	8	8					0.864	0.743	BKT									
CF22-1	1	2	4	2	4	0.258	0.204	0.204	0.162	1.162	0.813	7/8	K	K	W-KK	-	-	-	BKT	
CFS22-1	2	4	6	6	0.258					0.162	1.017					0.842	HBKC	BKT		BKT
CF102-1	1	-	1/0 1 2	2	4	0.373	0.292	0.373	0.292	1.540	1.100	27/32					0	0	0	0
CF1010-1				1/0 1 2													1.610	1.050		
CF202-1			2/0 1/0 1 2	-	2/0 1/0 1 2	0.419	0.368	0.259	0.204	1.670	1.269				K-C	C	K-C	BK-C		
CF2020-1			1/0 1 2			0.414	0.292	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	1.983	1.423	1-1/8					D**	D**	D**	D**
CF4010-1				1/0 1 2																
CF4040-1				4/0 3/0 2/0							0.528									

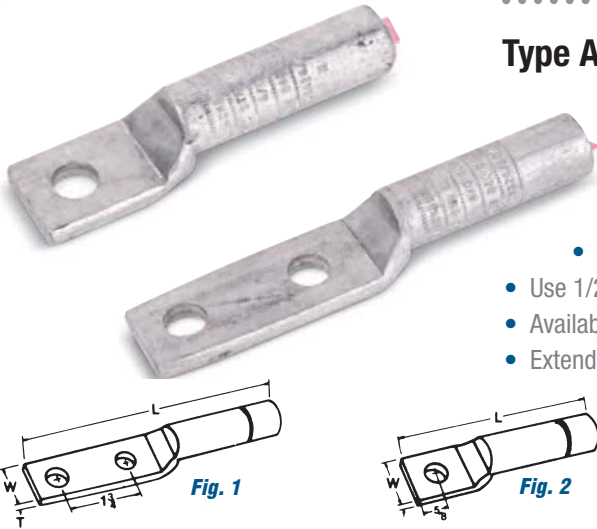
*Decimal dimensions are for conventional conductor, not Copperweld or Alumoweld.

**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

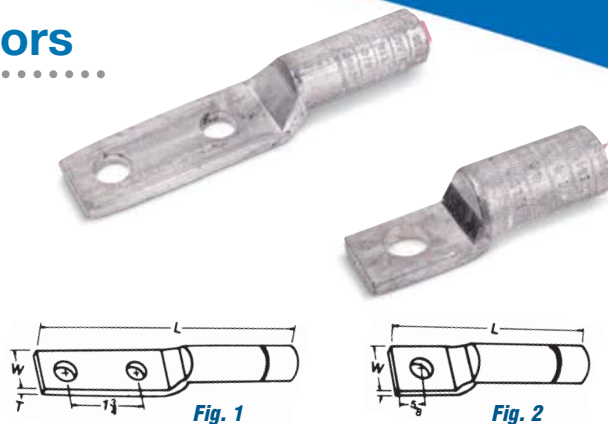
Cat. No.		Conductor Range				Installation Dies		Dimensions					
2 Hole (Fig. 1)	1 Hole (Fig. 2)	ACSR	AWG (Stranded)	Compact	Diameter (in.)		Mech. Tool	Hyd. Tool	W	L	T (Pad Thickness)		
					min.	max.							
AL4		2	1-2	-	0.316	0.332	840 K840 845 TX	840 B49EA EEI, 11A K840 249 76 CSA 24	1-1/4	5-7/8	5/16		
	AL5									4-7/8	13/32		
AL6		1/0	1/0	2/0	0.368	0.398				4-7/8	11/32		
	AL7									6-5/8	5/16		
AL8		2/0	2/0	3/0	0.414	0.447				4-7/8	9/32		
	AL9									6-5/8			
AL10		3/0	3/0	4/0	0.464	0.502			4-7/8				
	AL11								6-5/8				
AL12		4/0	4/0	-	0.522	0.563							
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	7/16	
AL18		266-26/7, 6/7, 18/1, 336-18/1	300-350	450 kcmil	0.609	0.772					1-9/16	7-5/8	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.						
	AL581											
AL582		4	4	—	0.277	0.213	5/8 Peach BG WBG G TU	B58CS U-BG	29/32	2-37/64	1/4	
	AL583	2	2	—	0.344	0.290				4-37/64		
AL584										2-37/64		
	AL585	1/0	1/0	2/0	0.422	0.381				4-37/64		
AL586												
	ALS1	4	4 2 Solid	4	0.258	0.232	840 K840 845 TX	840 B49EA EEI 11A K840 249 76 CSA24	29/32	3-1/4	1/4	
ALS2									1-1/4	5-3/4		
	ALS3	2	1-2	1-2	0.332	0.316			29/32	3-1/4		
ALS4									1-1/4	5-3/4		
	ALS5	1/0	1/0	2/0	0.398	0.368			29/32	3-1/4		
ALS6									1-1/4	5-3/4		
	ALS7	2/0	2/0	3/0	0.447	0.414			29/32	3-1/4		
ALS8									1-1/4	5-3/4		
	ALS9	3/0	3/0	4/0	0.502	0.464			29/32	3-1/4		
ALS10									1-1/4	5-3/4		
	ALS11	4/0	4/0	—	0.563	0.522	29/32	3-1/4	1-1/4	38		
ALS12							1-1/4	5-3/4				
	ALS13	3/0, 4/0	3/0, 4/0 250 kcmil	250 300 kcmil	0.575	0.464	—	B80EA EEI 13A 655 11/8 321 96H CSA 26			4-5/8	
ALS14											6	
	ALS15	266-267, 67, 18/1 kcmil	250-300	350	0.633	0.574					1-1/4	4-5/8
ALS16											6	
	ALS17	266-267, 67, 18/1 336-18/1	300-350	350-400	0.684	0.609					1-1/4	4-5/8
ALS18											6	
	ALS19	336-307, 267, 18/1 397-18/1	336-400	450-500	0.743	0.666	1-1/4	4-5/8			9/16	
ALS20							6					
	ALS23	397-307, 267, 18/1 477-18/1	450-500	550-600	0.814	0.743	—	5-9/16				
ALS24								1-3/8	6-7/8			
ALS28		477-307, 267, 247 556-18/1	550-556	650-700	0.883	0.846		1-5/8	7-1/4			
ALS32		556-267, 267 636-18/1	600-636	750	0.940	0.891	—	1-5/8	7-1/4	5/8		
ALS44		636-267, 715-547 666-267, 547	750-800	900	1.031	0.990						
ALS60*		900-547 954-457	1000-1033	1033	1.172	1.151	1-1/2 6024 125H CSA 30					

* 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
C2BB	All 5/8 in. and O.D. Die taps, 2 in. long or less	1.10	4.00	1.05
C5C	All "O" Die taps, 1-3/4 in. long or less	1.60	3.75	1.25
C7C	All "D" Die taps, 2-1/2 in. long or less	1.80	5.00	1.45
C9	All "N" and "D" Die taps, up to 2 in. long	2.75	4.25	2.00
C9L	All "N" and "D" Die taps, up to 5 in. long		7.25	

* Before compression.

Colour-Coded Compression Connectors

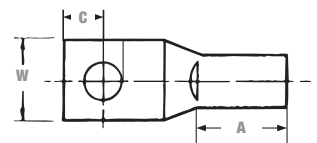
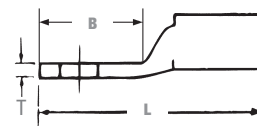
Type CTL — Copper Lugs, One-Hole Mount, Short Barrel

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	6 str.	5/16	13/32	5/8	9/32	1-5/16	9/16	1/16	Blue
CTL6-10		10	7/16	17/32	7/32	1-7/32	7/16	1/16	
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	
CTL6-10		10	1/2	19/32	1/4	1-3/8	17/32	3/32	
CTL4-14	4 str.	1/4	1/2	19/32	1/4	1-3/8	17/32	3/32	Grey
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		1/2	13/16	1-1/4	1/2	2-11/32	13/16	1/8	
CTL30-38	3/0 str.	3/8	13/16	29/32	3/8	2-1/32	29/32	1/8	Orange
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.

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	-

See Section E for more tool and die information.

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Colour-Coded Compression Connectors

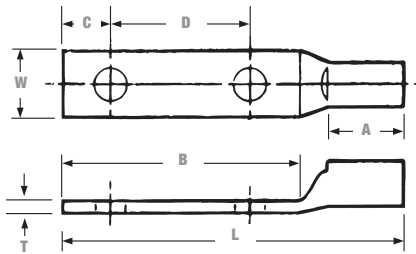
Type CTL — Copper Lugs, Two-Hole Mount, Short Barrel

Copper Compression Connectors

- For use with copper conductors: AWG stranded, flexible cable, welding cable or 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.

Colour-Coded Compression Connectors

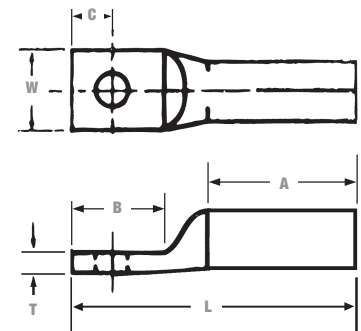
Type CTL — Copper Lugs, One-Hole Mount, Long Barrel

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.	5/16	91/24	1/4	25/32	5/8	1/4	1-11/16	1/2	3/32	Grey
CTL2L-516	2 + 3 str.		125/24	5/16	7/8	7/8	3/8	2-1/32	9/16	3/32	Brown
CTL1L-516	1 str.	5/16	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	—	1/2	1-3/8	1-1/4	1/2	2-15/16	1-1/32	1/8	Purple
CTL250L-12	250 kcmil		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	1/2	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	5/8	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	5/8	1600/24	5/8	2-7/8	1-9/16	5/8	5-5/32	2-1/4	9/32	—
			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

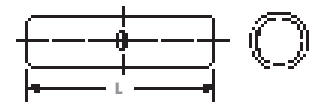
Type CSP — Copper Splices, Short Barrel

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

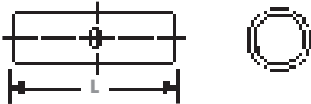
- Short barrel connectors designed for regular duty applications
- Ideal for confined areas



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	3-5/8	-

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	5/16	1-7/8	Brown
CU1	1 str.	2	150/24			Green
CU10	1/0 str.	1	225/24	3/8	2	Pink
CU20	2/0 str.	1/2	275/24			Black
CU30	3/0 str.	2/0	325/24	1/2	2-1/4	Orange
CU40	4/0 str.	-	-			Purple
CU250	250 kcmil	3/0	450/24			Yellow
CU300	300 kcmil	4/0	550/24	5/8	3-1/2	White
CU350	350 kcmil	263	650/24			Red
CU400	400 kcmil	313	775/24	5/8	3-3/4	Blue
CU500	500 kcmil	373	925/24			Brown
CU600	600 kcmil	444	1100/24			Green
CU750	750 kcmil	535	1325/24	5/8	4-1/4	Black
CU1000	1000 kcmil	646 777	1600/24 1925/24			5-5/8

See Section E for more tool and die information.

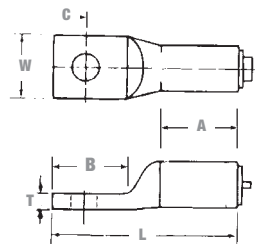
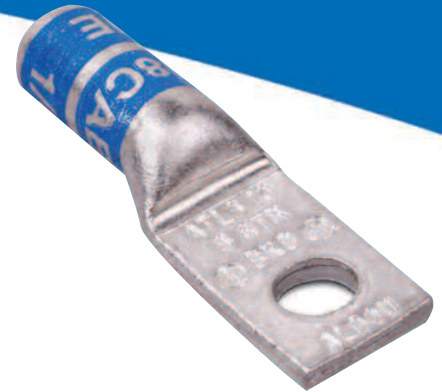
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Colour-Coded Compression Connectors

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	
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	
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	
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	
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	
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			3/8	1-7/8	1-3/32	3/8	3-3/4	1-3/16	1/4	
ATL40-12	4/0 str.	300 kcmil	1/2	1-7/8	1-1/4	1/2	3-7/8	1-3/16	1/4	White
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.

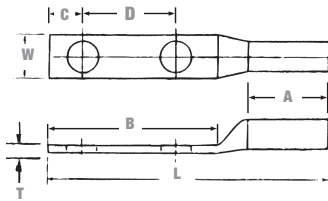


Colour-Coded Compression Connectors

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			1/2	1-3/16	3-3/8	3/4	1-3/4	5	31/32	7/32	Olive
ATL302	3/0 str.	-	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

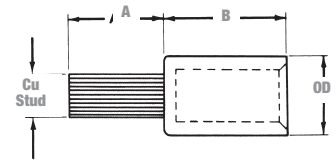
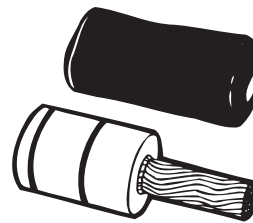


Cat. No.	Conductor Size		Length L (in.)	Colour Code
	(Al)	(Cu)		
ASP8	8 str.	6 AWG	1-1/4	Blue
ASP6	6 str.	4 AWG	1-5/8	Grey
ASP4	4 str.	1 AWG	1-7/8	Green
ASP2	2 + 3 str.	1/0 AWG		Pink
ASP1	1 str.	-	2-3/8	Gold
ASP10	1/0 str.		Tan	
ASP20	2/0 str.		2-1/2	Olive
ASP30	3/0 str.		2-7/8	Ruby
ASP40	4/0 str.	300 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	1-1/4	1-19/32	0.906	Red	76
PA01	1 str.	3					
PA11	1/0 str.	2	1-3/8	1-7/8	1.155	Brown	87H
PA21	2/0 str.	1					
PA31	3/0 str.	1/0	1-5/8	2-1/16	1.375	Black	106H
PA41	4/0 str.	2/0					
PA25	250 kcmil	3/0	2	2-3/4	1.500	Yellow	115H
PA30	300 kcmil	4/0					
PA35	350 kcmil	250 kcmil	1-7/8	2-3/32	1.375	Black	106H
PA40	400 kcmil	350 kcmil					
PA50	500 kcmil	500 kcmil	2	2-3/4	1.500	Yellow	115H
PA60	600 kcmil	600 kcmil					
PA75	750 kcmil	500 kcmil					

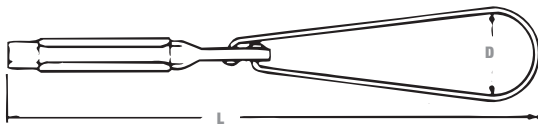
UL Listed.
CSA not applicable.

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

Service Wedge Clamps

Type W — Stainless Steel Wedge Clamps

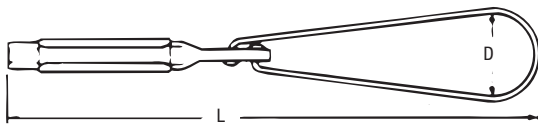
- For use on copper neutral
- Stainless Steel wedge and slider



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.)



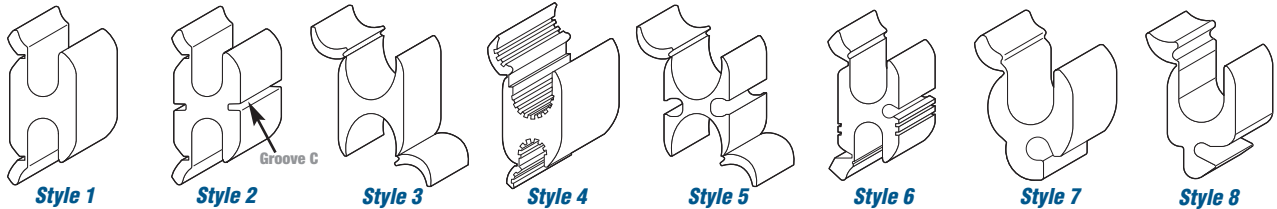
Rigid Stainless Steel Bail
(Bail Length – 6-1/2 in.)

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

- 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



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	0	CO 20 B
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		
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	N	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	N	NC 600 B
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	Z or R	-
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	-

For connector covers, see page C24.
 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.



CO 20 B



CN 600 B

H-Type Connector Covers

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

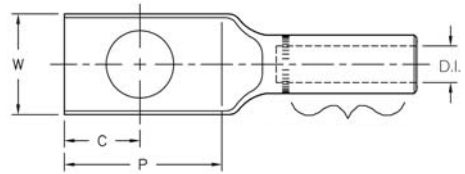
- Provide a highly reliable end enclosure
- Prevent accumulation of water within the cover, regardless of which half of the cover is down
- Resists the elements, UV sun rays and common contaminants

Cat. No.	Height (in.)	Length (in.)	Width (in.)
CO 20 B	2-1/4	4-1/2	1-5/8
CO 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

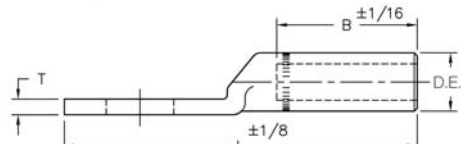
One-Hole CSA Die Lugs

- 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 _____

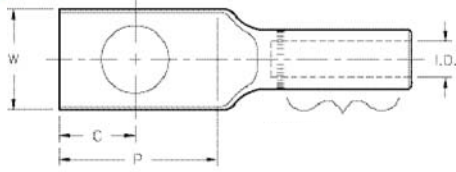
of crimps and locations to be determined according to connector



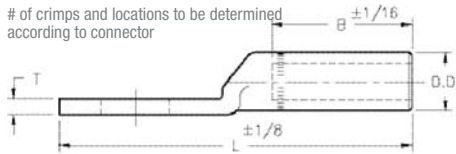
Cat. No.	Wire Size	CSA Die	O.D.	I.D.	Dimensions					
					L	B	P	W	C	T
GLE 2-48	2 str.-Compr-CPT	22	0.635	0.340	3.13	1.37	1.31	0.88	0.63	0.20
GLE 1/0-48	1/0 str.-Compr-CPT		0.640	0.420						0.21
GLE 2/0-48	2/0 str.-Compr-CPT	24	0.840	0.503	3.44	1.37	1.31	1.14	0.63	0.28
GLE 3/0-48	3/0 str.-Compr-CPT		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

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



Marking Information _____
 Cat. No. _____
 Wire Size _____
 Die Size _____



Two-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

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

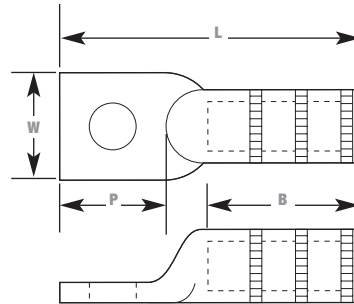
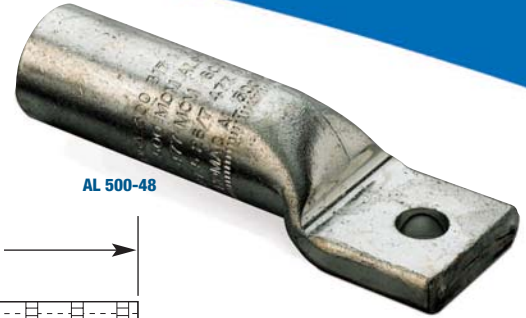
Finish: Tin-plated optional, use suffix "-TN".
 Material: E.C. Grade Aluminum.
 Connector bores are coated with HM 53 a oxide inhibiting compound and capped.
 Mounting holes sized for 1/2 in. bolts (9/16 hole size).
 Optional suffix "-38" for 3/8 bolts (13/32 hole size).

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



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	TQ, 45, 348, 163, 1/2, 6A	59/64	2-5/8	1-1/32	3/4													
AL 2-38					3/8	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	1/0				-	-	3/8	TU, 52, BG, 243, 5/8	1-3/8	3-1/8	1-5/16	7/8											
AL 1/0-48							1/2	1-3/8	3-1/8	1-5/16	7/8												
AL 2/0-38	2/0				-			3/8	TW-TY, 58, 297, 5/8 -1	1-5/16	3-3/16	1-7/32	15/16										
AL 2/0-48								1/2		1-5/16	3-3/16	1-7/32	15/16										
AL 3/0-38	3/0										737, 467	1-9/16	3-7/16	1-5/16	1-1/16								
AL 3/0-48												1/2	1-9/16	3-7/16	1-5/16	1-1/16							
AL 4/0-38	4/0										TX, 71H, 298, 840, 11A	3/8	3-9/16	1-11/32	1-3/16								
AL 4/0-48												1/2	1-7/16	3-9/16	1-11/32	1-3/16							
AL 250-48	250, 4/0							-		4/0	1/2	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	96, 299, 655, 1-1/8-1, 13A	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		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
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.

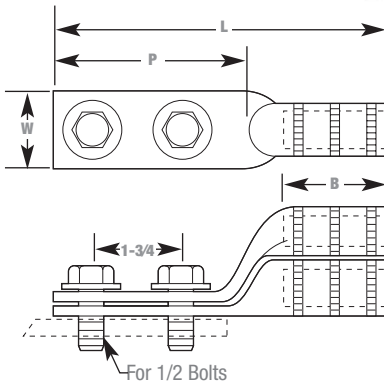


Aluminum Lugs

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		-	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 N	ASL 400 N	400, 397.5		-	397.5 (26/7), 477 (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	477 (26/7), 556.5 (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	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 N	ASL 800 N	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	-	800, 700		-	795 (26/7, 30/19), 954 (45/7)	-	608	3-1/3	8-1/4	3-5/8	1-3/4
AL 1000 N	ASL 1000 N	1000, 954		-	-	-	161, 292, 302, 319, 1-3/4	4-11/16	8-9/16	3-5/8	2-7/16
AL 1000 SSN	ASL 1000 SSN	1000		-	-	-	161, 292, 302, 319, 1-3/4	4-11/16	9-7/8	1-7/8	2-7/16
AL 1000 NMSNP	-	-		-	-	-	161, 292, 302, 319, 1-3/4	4-11/16	9-1/2	3-5/8	1-3/4
AL 954 NMSNP	-	-		-	954 (54/7)	-	161, 292, 302, 319, 1-3/4	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

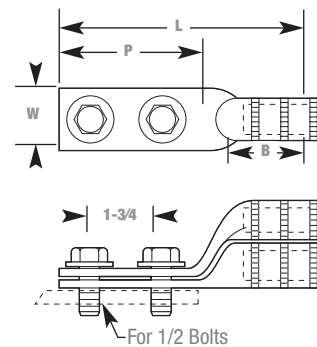
For tin-plated, add "-TN" suffix to the catalogue number. All tin-plated lugs are UL Listed through 2000 kcmil.
For straight lugs with tapered ends used in high-voltage applications, please consult your Thomas & Betts representative.
Trimmed to 1-3/4 maximum to fit side by side on NEMA spades.

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

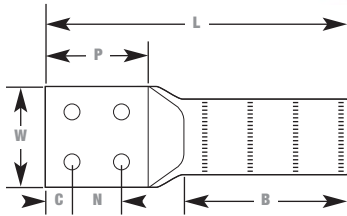


Straight Lug Cat. No.	Stacking Lug Cat. No.	Conductor Range					Installing Dies	Dimensions			
		Concentric	Compr.	Compact	ACSR	Solid		B	L	P	W
SA 6 NTN	ASL 6 NTN	#6	#6	#6, #4	#6	#4	TU, 52, BG, 243, 5/8, CSA 22	1-15/32	5-1/4	3-3/16	7/8
SA 4 NTN	ASL 4 NTN	#4	#4	-	#4	#2		1-15/32	5-1/4	3-3/16	7/8
SA 2 NTN	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		-			125H, 608	3-3/8	8-1/4	3-5/8	1-3/4
AL 800 NTN*	ASL 800 NTN*	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 TN	-	800, 700		-	636 (30/19), 715.5 (54/7)		608	3-1/3	8-1/4	3-5/8	1-3/4
AL 954 NMS	-	-		-	954 (54/7)			4-11/16	9-3/8	1-7/8	1-3/4
AL 1000 NTN*	ASL 1000 NTN*	1000, 954		-	795 (26/7, 30/19), 954 (45/7)		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			-				4-9/16	9-7/8	3-5/8	2-7/16
AL 1000 NMS	-	1000		-				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)			4-11/16	9-11/16	3-5/8	2-21/32
AL 1750 NTN	ASL 1750 NTN	1750		-				5-1/2	10-7/8	3-7/8	3-13/32
AL 2000 NTN	ASL 2000 NTN	2000		-				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.



AL 1000-4N



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

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
AL 2500-4N	2500	2156-2167	214	9-1/8		1-1/8	3-1/2	4	15-3/8

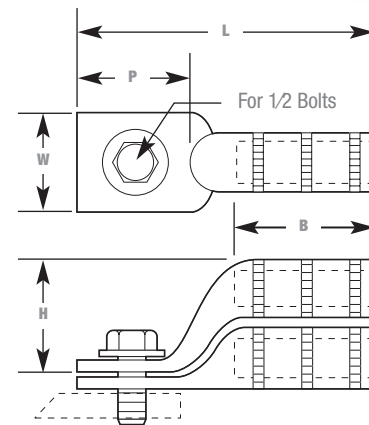
For tin-plated option, add “-TN” suffix to the catalogue number.

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					#4			1-5/16		3-1/8	1-5/16	7/8
SA 6-48					#2			1-5/16		3-1/8	1-5/16	7/8
SA 4-48					#1, #2			1-5/16		3-1/8	1-5/16	7/8
SA 3-48					#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)		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).

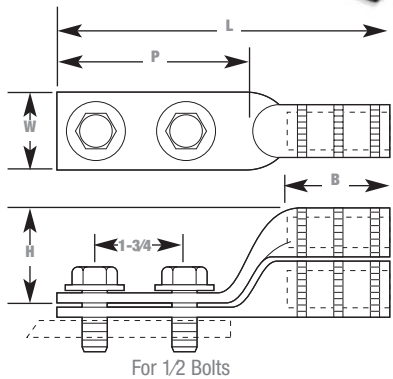


Aluminum Lugs

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	–		1-1/2	–	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

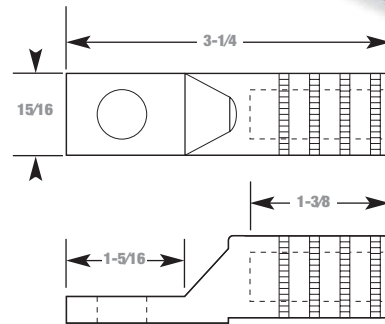
Meter Socket Lugs — 840 Common Die Series

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

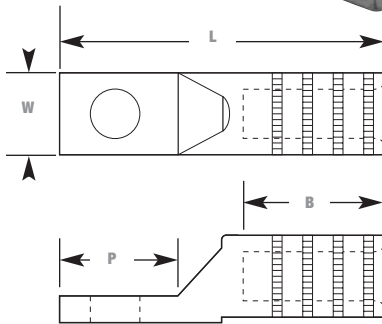


1/2 Bolt Cat. No.	3/8 Bolt Cat. No.	Conductors – Al or Cu				Installing Dies
		Concentric	Compressed	Compact	Solid	
SAKM 6-48	SAKM 6-38	#6	#6	#6	–	840, 845, TX, 76, 249, 11A
SAKM 4-48	SAKM 4-38	#4	#4	#4	–	
SAKM 2-48	SAKM 2-38	#2	#2	#2, #1	#1	
SAKM1-48	SAKM 1-38	#1	#1	1/0	1/0	
SAKM 1/0-48	SAKM 1/0-38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

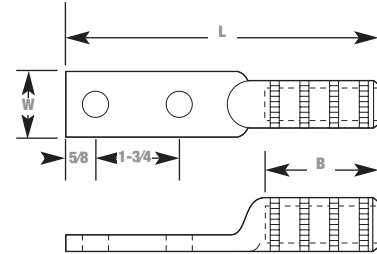
Two-Hole NEMA Lugs — Common Die Series

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



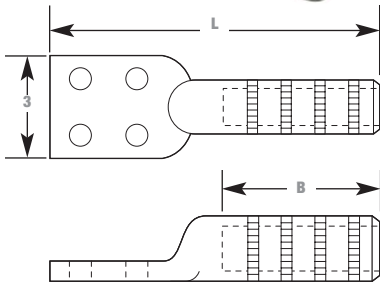
SAB 500 N



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	—		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	96, 299, 655, 1 (1/8-1), 13A	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)		6-3/8	1-1/4	2-1/4
SAM 400 N	397.5-400	—	500	336.4 (30/7), 397.5 (18/1)	106, 300, 317, 1-5/16, 14A, 15A	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		-				
SAM 350-4N*	336.4-350		266.8 (26/7), 336.4 (18/1)		7-5/8	3-21/64	
SAM 400-4N*	397.5-400		336.4 (30/7), 397.5 (18/1)				
SAM 500-4N*	500		-		8-1/4	3-5/16	
SAM 600-4N*	556.5-600		-				
SAL 500-4N*	500		477 (18/1)				
SAL 600-4N	600		477 (24/7, 30/7)		7-5/8	3-3/8	
SAL 650-4N	600, 636, 650		556.5 (24/7, 26/7)				
SAL 750-4N	700-750		636 (26/7)				
SAL 800-4N	700-800		954		140H, 301, 342, 1-1/2	9	4-7/32
SAL 1000-4N	1000		1000				
SAL 1033-4N	1033		-				
		795 (30/19), 874 (54/7)					
					8-3/4	4-3/32	
					9	4-5/32	

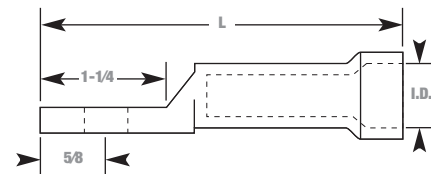
* Designates 2-piece welded design.

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				
5/8 Compression Die Series						
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
RSG 1/0-48	1/0	2/0	0.640		3-5/8	1
840 Compression Die Series						
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
1-1/8 Compression Die Series						
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.

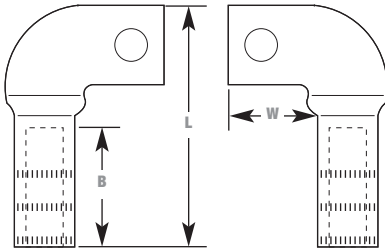


Aluminum Lugs

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

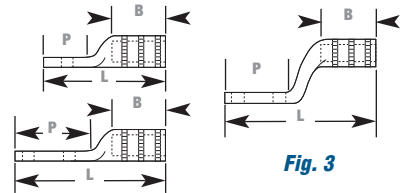
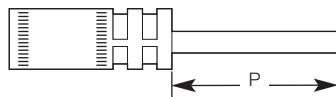


Fig. 2

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	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			
LAC20	Grey	2/0 str.	2/0	3/0	2	BY37, 840U	B49EA, K840
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			
LAC402	Pink	4/0 str.	4/0		3	-	B80EA, 1.1, 655
LAC25	Green	350, 266.6	250				
LAC35	Brown	300, 350	350				
LAC50	Aqua	400, 500	500	-			
LAC125	Green	250, 266.8	250				
LAC135	Brown	300, 350	350				
LAC150	Aqua	400, 500	500		4		

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



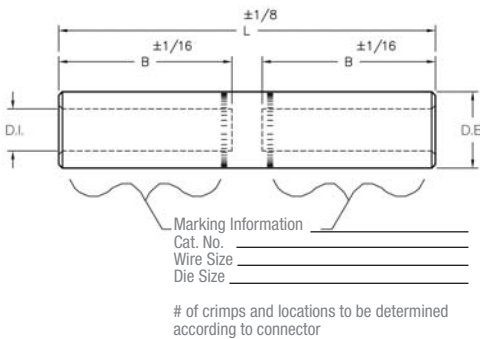
Cat. No.	Conductor Size		Bolt Size
	ACSR	Al	
CPL Series – One Hole			
CPL 4-48	#4	#4	1/2
CPL 2-48	#2	#2	
CPL 1/0-48	1/0	1/0	
CPL 4/0-48	4/0	4/0	
CPL-N Series – Two Hole			
CPL 4 N	#4	#4	1/2
CPL 2 N	#2	#2	
CPL 1/0 N	1/0	1/0	
CPL 2/0 N	2/0	2/0	
CPL 3/0 N	3/0	3/0	
CPL 4/0 N	4/0	4/0-250	
CPL 300 N	266.8	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		0.594	2.75	
GLE 250	250 str.-Compr-CPT	26	1.000	0.620	3.13	1.44
GLE 300	300 str.-Compr-CPT	26-12T		0.670		
GLE 350	350 str.-Compr-CPT	28	1.189	0.730	4.00	1.88
GLE 500	500 str.-Compr-CPT	28-12T		0.835		
GLE 500-30	500 str.-Compr-CPT	30-12T	1.438	0.880	4.50	2.13
GLE 750	750 str.-Compr-CPT	30		1.031		

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.

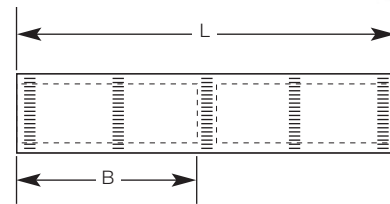
Aluminum Splices

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			TW-TY, 58, 297, 5/8-1		
ASC 2/0	2/0			TV, 66, 167, 467, 10A		
ASC 3/0	3/0	2-3/4	1-5/16	TX, 71H, 298, 840, 11A		
ASC 4/0	4/0	2-15/16	1-3/8	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
ASC 1000	954-1000	795 (26/7), 954 (45/7)	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.

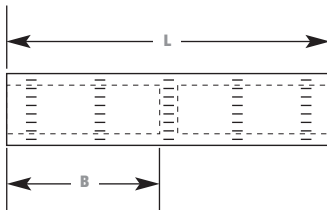


AC 1000

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			4	1-3/4	TV, 66, 167, 781, 247, 10A
AC 2/0	2/0			3-3/4		TX, 71H, 298, 840, 660, 11A
AC 3/0	3/0	250	4/0	5-1/4	2-5/16	TX, 76, 249, 840, 11A
AC 4/0	4/0			5-3/4	2-11/16	TH, 87H, 251, 840, 470, 12A
AC 250	4/0-250	-	266.8 (18/1)	6-5/8	3-1/8	96, 299, 655, 1 (1/8-1), 13A
AC 300	266.8-300		266.8 (26/7), 336.4 (18/1)	7-9/32	3-1/2	96, 472, 655, 705, 1 (1/8-1), 13A
AC 350	336.4-350		336.4 (26/7), 397.5 (18/1)	7-19/32	3-37/64	106A, 300, 317, 1-5/16, 14A
AC 400	397.5-400	600	397.5 (26/7, 30/7), 477 (18/1)	7-27/32	3-47/64	1-5/16, 115H, 786, 936, 473
AC 500	477-500		477 (26/7), 556.5 (18/1)	8-9/32	3-31/32	140H, 301, 342, 1-1/2
AC 600	600	-	636 (26/7)	8-1/2	4-1/16	140H, 474, 342, 724, 1-1/2H, 1-5/8
AC 750	700-750		636 (30/19), 715.5 (54/7)	9-15/16	4-9/32	161, 292, 302, 319, 1-3/4
AC 800	750-800		795 (26/7), 954 (45/7)			
AC 1000	954-1000					

Aluminum Splices

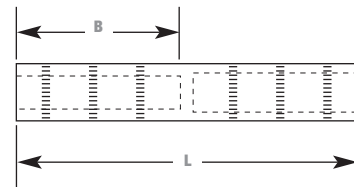
Straight Reducing Splices

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

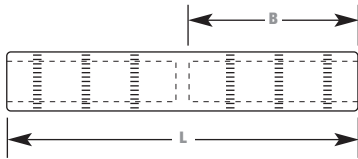
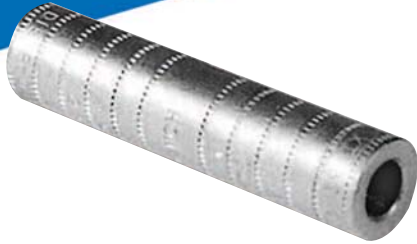


AC 500 R 400



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				
AC 400 R 250	400	250	8-19/32	3-11/16	96, 472, 1-1/8
AC 500 R 300	500	300			
AC 500 R 350		350	8-11/16	3-13/16	106, 300, 317, 1-5/16
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	9-5/8	
AC 750 R 600	600				
AC 1000 R 500	1000	500	9-7/8	4-5/8	161, 302, 1-3/4
AC 1000 R 750		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

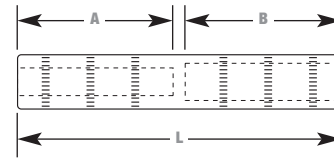
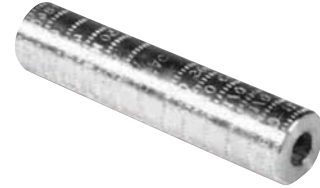
Cat. No.	Conductor Range				Dimensions		Installing Dies
	Concentric	Compressed	Compact	Solid	B	L	
SAC 4	#4	#4	#4	—	1-13/32	3	5/8, 8A, BG, TU, 52
SAC 2	#2	#2	#1, #2	#1			CSA 22, 5/8, 8A, BG
SAC 1	#1	#1	1/0	1/0			
SAC 1/0	1/0	1/0	2/0	2/0	1-7/8	4	840, 249, TX, CSA 24
SAC 2/0	2/0	2/0	3/0	3/0			840, 249,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

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	1/0	2/0	2/0	#4	#4	—						
SAC 1/0 R 2				#2	#1, #2	#1						
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	1-7/8	4	840, 249, TX, CSA 24			
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						
SAC 3/0 R 2/0				#2	#1, #2	#1						
SAC 4/0 R 2	4/0	250	—	1/0	2/0	2/0						
SAC 4/0 R 1/0				2/0	3/0	3/0						
SAC 4/0 R 2/0				3/0	4/0	—						
SAC 250 R 3/0	250	—	—	4/0	250	—	2-3/8	5	96, 299, 655, 1 (1/8-1), 13A			
SAC 250 R 4/0				3/0	4/0	3/0						
SAC 300 R 250	300	—	—	4/0-250	—	—						
SAC 350 R 2	350	—	—	#2	#1, #2	#1						
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	—						
SAC 350 R 250				250	—	—						
SAC 500 R 2	500	—	—	#2	—	—	2-21/32	5-11/16	1-5/16, 15A, 300, 106, 317			
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	—						
SAC 500 R 300				300	—	—						
SAC 500 R 350				350	—	—						
SAC 500 R 400				400	—	—						
SAC 750 R 1/0				750	—	—	1/0	—	—	3	6-1/4	140H, 301, 342
SAC 750 R 4/0							4/0	250	—			
SAC 750 R 250	250	—	—									
SAC 750 R 350	350	—	—									
SAC 1000 R 400	1000	—	—	500	—	—	3-3/8	7	161, 302, 292, 319, 1-3/4			
SAC 1000 R 500				400	—	—						
SAC 1000 R 750				500	—	—						

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

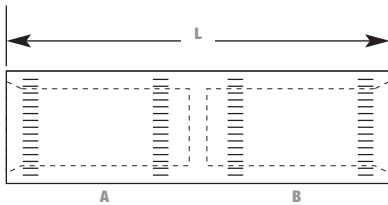


Aluminum Splices

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

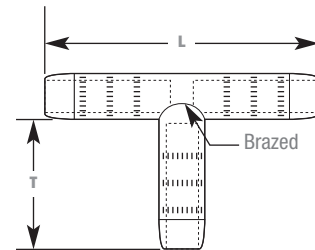


Cat. No.	Wire Size		Conductor		Installing Dies	L
	A	B	A	B		
SG 88	#8	#8	Al-Cu	Al-Cu	5/8, 8A, BG, TU, 243	2
SG 68	#6	#6				
SG 66	#4	#8				
SG 48	#4	#6				
SG 46	#4	#4				
SG 44	#2	#6				
SG 26	#2	#4				
SG 24	#2	#2				
SG 22	#1	#1				
SG 11	#1	#6				
SG 106	1/0	#4				
SG 104	1/0	#2				
SG 102	1/0	1/0				
SG 1010	1/0	1/0				
SG 206	2/0	#6	Al	Al	2-1/8	
SG 204	2/0	#4				
SG 202	2/0	#2				
SG 2010	2/0	1/0				
SG 2020	2/0	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



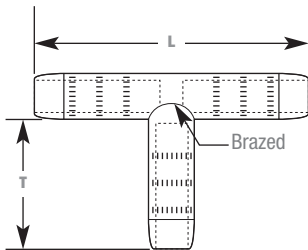
Cat. No.	Conductor Range		Dimensions			
	Run	Tap	L	T		
AT 2-4	#2	#4	5-1/2	2-1/2		
AT 2-2		#2				
AT 1/0-4	1/0	#4				
AT 1/0-2		#2				
AT 1/0-1/0		1/0				
AT 2/0-2		#2				
AT 2/0-1/0	2/0	1/0	6	3		
AT 2/0-2/0		2/0				
AT 3/0-2	3/0	#2				
AT 3/0-1/0		1/0				
AT 3/0-3/0		3/0				
AT 4/0-2		#2				
AT 4/0-1/0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

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

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				
AT 500-500	500	3-1/8				
AT 750-1/0	750			1/0	9	2-1/2
AT 750-4/0				4/0		3
AT 750-350		350	3-1/8			
AT 750-500		500	3-7/8			
AT 750-750	750	3-1/2				
AT 1000-4/0	1000	4/0	9-7/8	3-1/8		
AT 1000-350		350				
AT 1000-500		500		5-1/2		
AT 1000-750		750				
AT 1000-1000		1000			7-1/8	



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	250	4/0	6-5/8	3	
ATT 250-2		#2			
ATT 250-1/0		1/0			
ATT 250-2/0		2/0			
ATT 250-3/0		3/0			
ATT 250-250		250			
ATT 300-1/0		300			1/0
ATT 300-2/0	2/0				
ATT 300-4/0	4/0				
ATT 300-300	300				

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

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		
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		
ATT 750-500		500		
ATT 750-750		750		
ATT 1000-4/0	1000	4/0	9-7/8	3-1/8
ATT 1000-350		350		
ATT 1000-500		500		
ATT 1000-750		750		
ATT 1000-1000	1000	1000	9-7/8	5-1/2
ATT 1000-1500		1500		
ATT 1500-1500	1500	1500	14	6

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



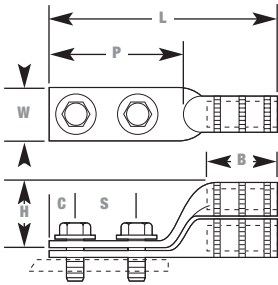
Cat. No.	Wire Size	Bolt Size	Installing Dies
L 8-10	#8	10	TC, 21, 171, 236
L 8-14		1/4	
L 8-38		3/8	
L 8-48		1/2	
L 6-10	#6	10	7, TE, 24
L 6-14		1/4	
L 6-516		5/16	
L 6-38		3/8	
L 4-10	#4	10	5/16, 8, TP, 29, 161
L 4-14		1/4	
L 4-516		5/16	
L 4-38		3/8	
L 2-14	#2	1/4	3/8, 10, TL-TN, 33, 162
L 2-516		5/16	
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		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

- 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	5/16	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			3/8		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			11/16	-
L 4/0 N	SL 4/0 N		1/2		1-5/8		5-3/16	3		11/16	1-9/16
L 250-238			3/8		1-11/16		5-3/16			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			1-1/4	-
L 300 N	SL 300 N		1/2		2		5-3/4			1-1/4	1-3/4
L 350-238			3/8		2		5-3/4			1-15/16	-
L 350 N	SL 350 N	1/2	1-7/8	840, 18, TX, 71	2		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

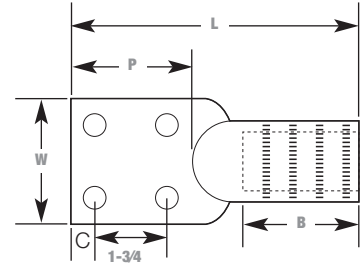
Tin-Plated Four-Hole NEMA Lugs

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



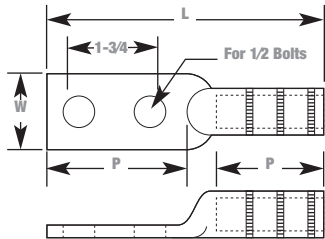
HDL 1000 N

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

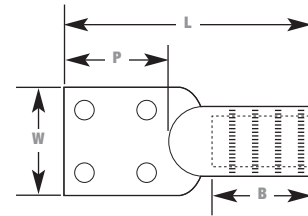
For tin-plated option, add "-TN" suffix to the catalogue number.
 For oxide-inhibiting compound, please consult your Thomas & Betts representative.

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



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.



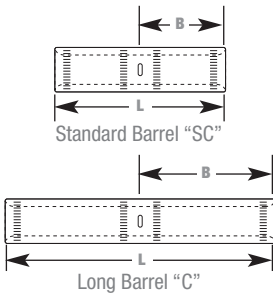
SC 1000

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	#2	7/8	1-7/8	1-1/4	2-5/8	3/8, 10, TL-TN, 33, 162
SC 1	C 1	#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	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	C 250	250	1-1/16	2-1/4	1-5/8	3-3/8	11/16, 16, TR, 60, 166
SC 300	C 300	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	500	1-3/8	2-7/8	2-1/4	4-5/8	1, 20, TH, 87, 251
SC 600	C 600	600			2-11/16	5-1/2	2-7/8
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	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

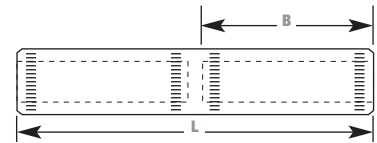
Tin-Plated Straight Oil-Stop Splices

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

- Resists oil
- Resists corrosion



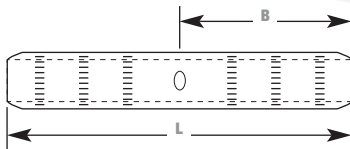
PC 1000



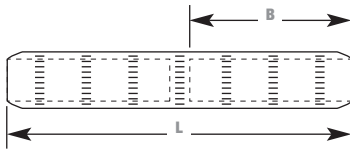
Cat. No.	Wire Size	Installing Dies	Dimensions	
			B	L
PC 6	#6	7, TE, 24	1-1/8	2-3/8
PC 4-HM	#4	5/16, 8, TP, 29, 161		
PC 2-HM	#2	3/8, 10, TL-TN, 162	1-1/4	2-5/8
PC 1-HM	#1	3/8, 11, TB, 37, 276	1-3/8	2-7/8
PC 1/0	1/0	1/2, 12, TQ, 42, 163		
PC 2/0	2/0	9/16, 13, TS, 164, 45	1-1/2	3-1/8
PC 3/0	3/0	5/8, 14, TU, 243, BG 50		
PC 4/0	4/0	54, 5/8-1, 15, TW-TY	1-5/8	3-3/8
PC 250-HM	250	11/16, 16, TR, 166, 60		
PC 300	300	781, 17, 66, TV	2	4-1/8
PC 350	350	71, 840, 18, TX, 168, 208		
PC 400	400	76, 15/16, 19, TX, 840	2-1/8	4-3/8
PC 500	500	251, 1, 20, TH 87	2-1/4	4-5/8
PC 600-HM	600	1 (1/8)-1, 22, 96	2-11/16	5-1/2
PC 750	750	1-5/16, 24, 106	2-7/8	5-7/8
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		
TC 1	PTC 1	#1	3/8, 11, TB, 37	31/32	2-1/16
TC 1/0	PTC 1/0	1/0	1/2, 12, TQ, 42		
TC 2/0	PTC 2/0	2/0	9/16, 13, TS, 45	1-1/8	2-7/32
TC 3/0	PTC 3/0	3/0	5/8, 14, TU, 50		
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	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		
TC 1000	PTC 1000	1000	1-1/2, 27, 125	2-1/4	5
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

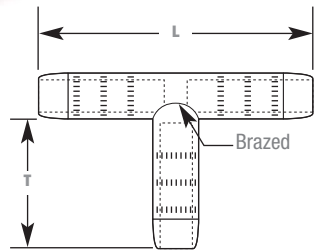


Cat. No.	Conductor Size	
	Run	Tap
2 T 2	#2	#2
1/0 T 6	1/0	#6
1/0 T 4		#4
1/0 T 2		#2
1/0 T 1		#1
1/0 T 1/0		1/0
2/0 T 6		2/0
2/0 T 4	#4	
2/0 T 2	#2	
2/0 T 1	#1	
2/0 T 1/0	1/0	
2/0 T 2/0	2/0	
3/0 T 1/0	3/0	1/0
3/0 T 3/0		3/0
4/0 T 2	4/0	#2
4/0 T 1		#1
4/0 T 1/0		1/0
4/0 T 2/0		2/0
4/0 T 4/0		4/0
250 T 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	350
750 T 500		500
750 T 750		750
1000 T 500	1000	500
1000 T 1000		1000



TT 350-350



Copper Tees

Tin-Plated Tapered Tees

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	1-5/8		
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	1-3/4
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		
TT 400-4/0		4/0	5-25/32	
TT 400-250		250	5-27/32	
TT 400-300		300	5-29/32	
TT 400-400	400	6-1/32	2-19/32	
TT 500-1/0	500	1/0		6-23/64
TT 500-2/0		2/0		
TT 500-4/0		4/0		6-15/32
TT 500-250		250		6-17/32
TT 500-350		350		6-21/32
TT 500-400		400		6-23/32
TT 500-500		500		
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		

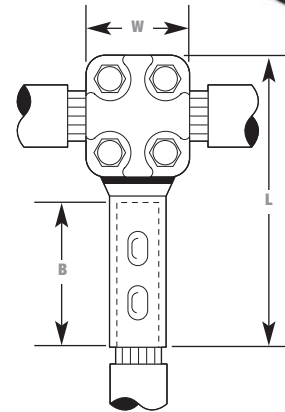
Copper Tees

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

- Provides high strength and high-conductivity
- Resists corrosion



2131-20



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	2-1/4			
2131-5		500	2-7/8	6-1/4		
2131-6		750	1-1/2	4-7/8		
2131-7	1000	4/0 str.	1-5/8	5		
2131-8		250	2	5-3/8		
2131-9		350	2-1/4	5-5/8		
2131-10		500	2-7/8	6-1/4		
2131-11		750	3	6-3/8		
2131-12		1000	1-1/2	4-7/8		
2131-13	1500	4/0 str.	1-5/8	5		
2131-14		250	2	5-3/8		
2131-15		350	2-1/4			
2131-16		500	2-7/8	6-1/4		
2131-17		750	3	6-3/8		
2131-18		1000	1500	6-7/8		
2131-19	1500	2000	3-1/4	8		2-1/2
2131-20						
2131-21						
2131-22						



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

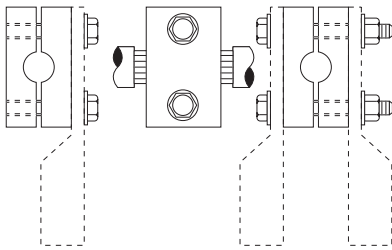


Figure 1

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		1-3/4
ANLTT 1000	1000		2-1/2
ANLTT 1500	1500		
ANLT 4/0	4/0	1	1-1/2
ANLT 350	350		1-1/2
ANLT 500	500		1-3/4
ANLT 750	750		1-3/4
ANLT 1000	1000		2-1/2
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		1-3/4
NLTT 1000	1000		2-1/2
NLTT 1500	1500		
NLT 4/0	4/0	1	1-1/2
NLT 350	350		1-1/2
NLT 500	500		1-3/4
NLT 750	750		1-3/4
NLT 1000	1000		2-1/2
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	YH0100, YH01	OB44	506-82	
WR189	KO-R08	YH0150, YH02	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	OB1010D	329-81	
WR1010	-	YH02-ONE		-	
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		-		
WR369	KD-R94		-		
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	-	NB500		
WR875	-	YHN525			
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	Ilisco	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	IISCO	T&B	Anderson	
CTL6-214		YA6CL2TC14 , YA6C2L		54205	-	
CTL4-214				54206		
CTL2-2516		-		-	VHCS-2-516	
CTL1-2516		-		-		
CTL10-2516		YA1C-2L		-		54255
CTL202	-	-	54260			
CTL302	-	-	54265			
CTL402	BLU-3/0D	YA27-2LN	CRA-4/0L2	54270	-	
CTL2502	BLU-4/0D	YA28-2LN	CRA-350L2	54275		
CTL3002	BLU-025D	YA29-2LN	CRA-300L2	54280		
CTL3502	BLU-030D	YA30-2LN	CRA-350L2	54282		
CTL4002	BLU-035D	YA31-2LN	CRA-400L2	-		
CTL5002	BLU-040D	YA32-2LN	CRA-500L2	54286		
-	-	-	-	-		VHCS-500-12BN,
CTL6002-38	-	-	-	-		VHCS-500-12B
CTL6002-12	-	-	-	-		VHCS-600-38B
CTL7502	BLU-060D	-	CRA-750L2	54223		-
CTL10002	-	-	CRA-1000L2	54223	-	
Type CTL — Copper Lugs, One-Hole Mount, Long Barrel						
Blackburn	Penn Union	Burndy	IISCO	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	CRA-1/0L	-	-	
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	IlSCO	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	IlSCO	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	DPL2-1-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	IlSCO	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 kmcil										
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										
0.174	-	-			#6, 7W	528				
0.179									91 ^{1/2} D	1,743
0.182	#5, Solid	597.7							8C	1,362
0.184	#6, 7W	560			#6, 6/1	1,170			#5, Solid	1,591
0.198	#6, 6/1	1,170	#6, 7W	555					#6, 7W	1,229
0.199										
0.201	-	-							8A	2,233
0.202			#6, 3W	915						
0.204	#4, Solid								#6, 3W	1,204
0.206		753.9							#4, Solid	1,970
0.213									#5, 7W	1,542
0.219					#4, 7W	826				
0.223	#5, 6/1	1,460							8D	3,256
0.225									7A	2,754
0.226									6C	2,143
0.229	#3, Solid	929.9			#4, 6/1	1,830			#5, 3W	1,516
0.230									#3, Solid	2,439
0.232	#4, 7W	915							6A	2,585
0.236					#4, 7/1	2,288			#4, 7W	1,938
0.245										
0.246							#4, 6/1	1,783		
0.250	#4, 6/1	1,830	#4, 7W	875					7D	4,022
0.257	#4, 7/1	2,290								
0.258	#2, Solid	1,172.6			#3, 6/1	2,250				
0.260	#3, 7W	1,100							#2, Solid; 5A	3,003; 3,193
0.261							#4, 5/2	2,830	#3, 7W	2,433
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									#2, 3W	2,913
0.325	#2, 7/1	3,525							1/0, Solid	4,517
0.326					#1, 6/1	3,480			5P	9,311
0.327									2G	5,626
0.328	#1, 7W	1,620							#1, 7W; 4N	3,804; 8,460
0.330							#2, 5/2	4,436		
0.332	#1, 19W	1,685							#1, 19W	3,899
0.338					1/0, 7W	1,865				
0.340					1/0, 19W	2,090	#4, 2/5	9,314		
0.346									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	-	-			2/0, 7W	2,350			-	-
0.382	-	-			2/0, 19W	2,586			-	-
0.386	-	-					#2, 3/4	9,793		
0.388	-	-							1/0F	6,536
0.390	-	-					1/0, 6/1	4,246	1/0, 12W	4,841
0.392	-	-							1J	9,000
0.398	1/0, 6/1	4,280	1/0, 7W	3,405					-	-
0.410	-	-			2/0, 6/1	5,345			-	-
0.411	-	-							3P	13,910
0.412	-	-							1/0G	8,563
0.413	-	-							2N	12,680
0.414	2/0, 7W	2,485							2/0, 7W	5,927
0.416	-	-					1/0, 5/2	6,712	-	-
0.419	2/0, 19W	2,586							2/0, 19W	6,152
0.423	-	-							1K	11,900
0.426	-	-			3/0, 7W	2,845			2/0F	8,094
0.428	-	-			3/0, 19W	3,200			2/0, 12W	6,048
0.429	-	-							1/0J	10,970
0.436	-	-							-	-
0.438	-	-					#2, 2/5	14,060	-	-
0.440	-	-							-	-
0.447	2/0, 6/1	5,345	2/0, 7W	4,230			1/0, 4/3	10,020	-	-
0.461	101.8, 12/7	9,860			3/0, 6/1	6,675			2P	16,870
0.462	-	-							2/0G	10,510
0.463	-	-							3/0, 7W; 1N	7,366; 15,410
0.464	3/0, 7W	3,005					2/0, 5/2	8,040	-	-
0.467	-	-							3/0, 19W	7,698
0.470	3/0, 19W	3,200							1/0K	14,490
0.475	-	-							-	-
0.480	-	-			4/0, 7W	3,590			-	-
0.481	110.8, 12/7	10,730			4/0, 19W	3,890			-	-
0.487	-	-					1/0, 3/4	14,006	-	-
0.492	-	-							3/0, 12W	7,556
0.494	-	-							2/0J	13,430
0.502	3/0, 6/1	6,675	3/0, 7W	4,965			2/0, 4/3	12,000	-	-
0.517	-	-			4/0, 6/1	8,420			-	-
0.522	4/0, 7W	3,590							4/0, 7W	9,154
0.523	-	-			250, 19W	4,506			-	-
0.528	4/0, 19W	3,980							4/0, 19W	9,617
0.530	134.6, 12/7	12,920							-	-
0.534	-	-							2/0K	17,600
0.537	-	-			266.8, 7W	4,775			-	-
0.540	-	-			266.8, 19W	4,800			-	-
0.541	-	-					1/0, 2/5	20,030	-	-
0.550	-	-							4/0F	12,290

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/OEK	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/OG	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	-	-	-	-	-	-	-	250, 12W	11,130
0.600	-	-	-	-	-	-	-	-	-	-
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/OE	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	-	-	-	-	-	-	600, 37W	27,020
0.891	-	-	-	-	-	-	-	-	600, 61W	27,530
0.893	600, 61W	11,450	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	700, 37W	31,170
0.953	605, 54/7	22,500	-	-	-	-	-	-	700, 61W	31,820
0.962	-	-	-	-	-	-	-	-	-	-
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								1,000, 37W	43,830
1.152	1,000, 61W	17,670			—	—			1,000, 61W	45,030
1.162	900, 54/7	32,300								
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			1,468, 36/1	30,000				
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 Mills Typical	AWG Size	Metric Wire Size mm²	Equivalent Circular Mills	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	7/0.034	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	7/0.054	7/1.37	0.162	4.12
20820	7	—	—	1/0.1443	1/3.67	0.144	3.67
20820	7	—	—	7/0.0545	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 ²	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 ²	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 mm²	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