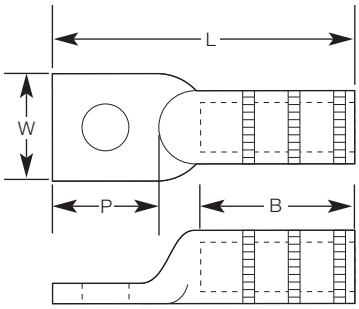

T&B
9
Two-Hole Aluminum NEMA Lugs
Two-Hole Aluminum NEMA Stacking Lugs
One-Hole Aluminum NEMA Lugs
Two-Way Aluminum Reducing Splices
Two-Way Aluminum Splices
Two-Way Aluminum Tapered Splices
Blackburn®

Aluminum One-Hole NEMA Lugs

General-purpose lugs for aluminum and copper terminations.

AL 500-48

Features	Benefits/Descriptions
Dual-Rated	Use with aluminum and copper conductors.
Made from Aluminum	Provides high strength and high conductivity.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
All Lugs Marked with Conductor Sizes and Die References	Easy identification.
Standards Compliant	Meet or exceed ANSI C119.4 specifications. All tin-plated lugs are UL Listed.



Ordering Information for Aluminum One-Hole NEMA Lugs

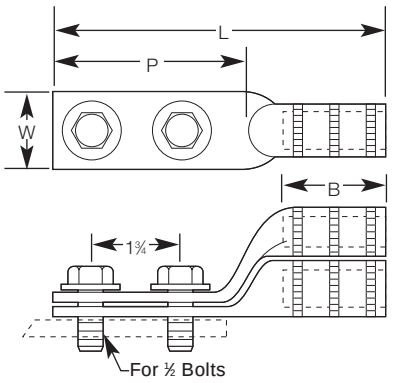
CAT. NO.	Conductor Range				Bolt Size	Installing Dies	B	L	P	W
	Concentric	Compressed	Compact	ACSR						
AL 6-14	#6	—	—	—	¼	TP, 29, 161, 5/16	¾	2 5/32	⅞	9/16
AL 4-516	#4	—	—	—	5/16	TB, 37, 375, 162	15/16	2¼	31/32	⅝
AL 4-14		—	—	—	¼	TB, 37, 375, 162	15/16	2¼	31/32	⅝
AL 2-14	#2	—	—	—	¼	TQ, 45, 348, 163, ½, 6A	59/64	2⅜	1 1/32	¾
AL 2-38		—	—	—	⅜	TQ, 45, 348, 163, ½, 6A	59/64	2⅜	1 1/32	¾
AL 1-38	#1	—	—	—	⅜	TQ, 45, 348, 163, ½, 6A	59/64	2⅜	1 1/32	¾
AL 1/0-38	1/0	—	—	—	⅜	TU, 52, BG, 243, ⅝	1⅜	3⅜	1 5/16	⅞
AL 1/0-48		—	—	—	½	TU, 52, BG, 243, ⅝	1⅜	3⅜	1 5/16	⅞
AL 2/0-38	2/0	—	—	—	⅜	TW-TY, 58, 297, ⅝-1	1 9/16	3 3/16	1 1/32	15/16
AL 2/0-48		—	—	—	½	TW-TY, 58, 297, ⅝-1	1 9/16	3 3/16	1 1/32	15/16
AL 3/0-38	3/0	—	—	—	⅜	737, 467	1 9/16	3 7/16	1 5/16	1 1/16
AL 3/0-48		—	—	—	½	737, 467	1 9/16	3 7/16	1 5/16	1 1/16
AL 4/0-38	4/0	—	—	—	⅜	TX, 71H, 298, 840, 11A	1 11/16	3 9/16	1 11/32	1 3/16
AL 4/0-48		—	—	—	½	TX, 71H, 298, 840, 11A	1 11/16	3 9/16	1 11/32	1 3/16
AL 250-48	250, 4/0	—	—	4/0	½	TX, 76, 249, 840, 11A	1 9/16	3⅝	1 5/16	1 15/64
AL 300-48	300, 266.8	—	350	266.8 (18/1)	½	TH, 87H, 251, 470, 1, 12A	2 3/16	4	1 5/16	1⅜
AL 350-48	350, 336.4	—	400	266.8 (26/7), 336.4 (18/1)	½	96, 299, 655, 1⅛-1, 13A	2 3/16	4¼	1 5/16	1½
AL 400-48	400, 397.5	—	—	336.4 (26/7), 397.5 (18/1)	½	96, 299, 655, 1⅛-1, 13A	2½	4⅞	1¼	1⅝
AL 400-58		—	—	336.4 (26/7), 397.5 (18/1)	⅝	96, 299, 655, 1⅛-1, 13A	2½	4⅞	1¼	1⅝
AL 500-48	500, 477	—	600	379.5 (26/7), 477 (18/1)	½	106A, 300, 317, 1 1/16, 14A	3	5 1/16	1½	1¾
AL 500-58		—	600	379.5 (26/7), 477 (18/1)	⅝	106A, 300, 317, 1 1/16, 14A	3	5 1/16	1½	1¾
AL 600-48	600, 550	—	—	477 (26/7), 556.5 (18/1)	½	1 1/16, 115H, 786, 936, 473	3	5 21/32	1 9/16	1 15/16
AL 600-58		—	—	477 (26/7), 556.5 (18/1)	⅝	1 1/16, 115H, 786, 936, 473	3	5 21/32	1 9/16	1 15/16
AL 750-48	750, 700	—	—	636 (26/7)	½	140H, 301, 342, 1½	3⅜	6⅜	1⅛	1¾
AL 750-58		—	—	636 (26/7)	⅝	140H, 301, 342, 1½	3⅜	6⅜	1⅛	1¾
AL 800-48	800	—	—	—	½	1½, 474, 140H	3 3/16	6⅝	2 1/32	1¾
AL 800-58		—	—	—	⅝	1½, 474, 140H	3 3/16	6⅝	2 1/32	1 3/16
AL 1000-48	1000, 954	—	—	795 (26/7), 954 (45/7)	½	161, 292, 302, 319, 1¾	4⅝	7 15/16	1⅛	2 7/16
AL 1000-58		—	—	795 (26/7), 954 (45/7)	⅝	161, 292, 302, 319, 1¾	4⅝	7 15/16	1⅛	2 7/16

NOTE: For tin plating, add "TN" suffix to the catalog 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 Two-Hole NEMA Lugs

General-purpose lugs for aluminum and copper terminations.

Features	Benefits/Descriptions
Dual-Rated	Use with aluminum and copper conductors.
Made from Aluminum	Provides high strength and high conductivity.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
All Lugs Marked with Conductor Sizes and Die References	Easy identification.
Standards Compliant	Meet or exceed ANSI C119.4 specifications.



Ordering Information for Aluminum Two-Hole NEMA Lugs

Straight Lug	Stacking Lug	Conductor Range									
CAT. NO.	CAT. NO.	Concentric	Compressed	Compact	ACSR	Bolt Size	Installing Dies	B	L	P	W
SA 6 N	ASL 6 N	#6	#6	#6, #4	#6	4	TU, 52, BG, 243, ⅝, CSA 22	1 15/32	5¼	3 3/16	⅞
SA 4 N	ASL 4 N	#4	#4	—	#4	2	TU, 52, BG, 243, ⅝, CSA 22	1 15/32	5¼	3 3/16	⅞
SA 2 N	ASL 2 N	#2–#1	#1	#1	#2	1/0	TU, 52, BG, 243, ⅝, CSA 22	1½	5 3/16	3¼	1
AL 1/0 N	ASL 1/0 N	1/0	—	2/0	1/0	2/0	TU, 52, BG, 243, ⅝	1½	5¼	3 3/16	⅞
AL 2/0 N	ASL 2/0 N	2/0	—	—	—	—	TW-TY, 58, 297, ⅝-1	1½	5¼	3 3/16	15/16
AL 3/0 N	ASL 3/0 N	3/0	—	—	—	—	TV, 66, 167, 467, 10A	1 7/16	5½	3¼	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 3/16	3 3/16	1 11/32
AL 350 N	ASL 350 N	350, 336.4	—	—	266.8 (26/7), 336.4 (18/1)	—	96, 299, 655, 1⅛-1, 705, 13A	2 3/16	6 3/16	3 1/16	1¼
AL 336 NSC	—	397.5–400	—	—	336.4 (26/7), 397.5 (18/1)	—	1¼, 99H, 317, 20AH	4 3/16	9	3 1/16	1 21/32
AL 400 N	ASL 400 N	400, 397.5	—	—	336.4 (26/7), 397.5 (18/1)	—	96, 472, 655, 1⅛-1, 1⅛-2, 705, 316 13A	2 7/16	7 5/16	3 3/16	1¼
AL 500 N	ASL 500 N	500, 477	—	500–600	397.5 (26/7), 477 (18/1)	—	106A, 300, 317, 1 5/16, 14A, 15A	2 15/16	8¼	3 3/16	1¼
AL 500 N 608	—	500, 477	—	600	397.5 (26/7), 477 (18/1)	—	608	3⅓	8¼	3 3/16	1¼
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	7¼	3⅝	1¼*
AL 700 N 608	—	700, 600	—	700–795	—	—	125H, 608	3 1/16	7⅞	3½	1¼
AL 750 N	ASL 750 N	750, 700	—	—	636 (26/7)	—	140H, 301, 342, 1½	3 5/16	8¼	3¾	1¼*
AL 750 N 608	ASL 750 N 608	750, 700	—	—	636 (26/7)	—	125H, 608	3⅜	8¼	3⅝	1¼
AL 800 N	ASL 800 N	800, 795	—	—	663 (30/19), 715.5 (54/7)	—	140H, 474, 342, 724, 1½	3 11/32	8 5/16	3⅝	1¼*
AL 800 N 608	—	800, 700	—	—	636 (30/19), 715.5 (54/7)	—	608	3⅓	8¼	3⅝	1¼
AL 1000 N	ASL 1000 N	1000, 954	—	—	795 (26/7, 30/19), 954 (45/7)	—	161, 292, 302, 319, 1¾	4 1/16	8 5/16	3⅝	2 7/16
AL 1000 SSN	ASL 1000 SSN	1000	—	—	—	—	161, 292, 302, 319, 1¾	4 1/16	9⅛	1⅛	2 7/16
AL 1000 NMSNP	—	1000	—	—	—	—	161, 292, 302, 319, 1¾	4 1/16	9½	3⅝	1¼
AL 954 NMSNP	—	—	—	—	954 (54/7)	—	161, 292, 302, 319, 1¾	4 1/16	9⅜	3⅝	1¼
AL 1250 N	ASL 1250 N	1200–1300	—	—	1113 (45/7), 1192.5 (45/7)	—	161, 727, 352	4 1/16	9 1/16	3⅝	2 21/32
AL 1750 N	ASL 1750 N	1750	—	—	—	—	214, 735, 225	5½	10⅞	3⅞	3 13/32
AL 2000 N	ASL 2000 N	2000	—	—	—	—	479	6 1/16	11 15/16	3⅞	3 13/32

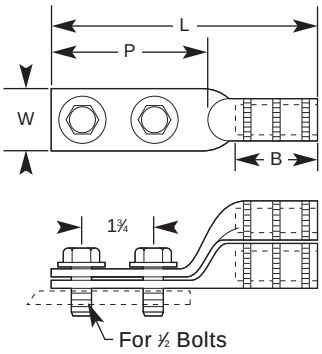
* Trimmed to 1¾" maximum to fit side by side on NEMA spades.

NOTE: For tin plating, add "TN" suffix to the catalog 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.

Aluminum Tin-Plated Two-Hole NEMA Lugs

General-purpose lugs for aluminum and copper terminations.

Features	Benefits/Descriptions
Dual-Rated	Use with aluminum and copper conductors.
Made from Aluminum	Provides high strength and high conductivity.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
All Lugs Marked with Conductor Sizes and Die References	Easy identification.
Standards Compliant (UL)	All lugs meet or exceed ANSI C119.4 specifications.



Ordering Information for Aluminum Tin-Plated Two-Hole NEMA Lugs

Straight Lug CAT. NO.	Stacking Lug CAT. NO.	Conductor Range			ACSR	Solid	Installing Dies	B	L	P	W
		Concentric	Compressed	Compact							
SA 6 NTN	ASL 6 NTN	#6	#6	#6, #4	#6	#4	TU, 52, BG, 243, ⅜, CSA 22	1 5/32	5¼	3 3/16	⅞
SA 4 NTN	ASL 4 NTN	#4	#4	—	#4	#2	TU, 52, BG, 243, ⅜, CSA 22	1 5/32	5¼	3 3/16	⅞
SA 2 NTN	SAL 2 NTN	#2–#1	#1	#1	#2	1/0	TU, 52, BG, 243, ⅜, CSA 22	1½	5 5/16	3¼	1
AL 1/0 NTN *	ASL 1/0 NTN*	1/0	—	2/0	1/0	2/0	TU, 52, BG, 243, ⅝	1½	5¼	3 3/16	⅞
AL 2/0 NTN*	ASL 2/0 NTN*	2/0	—	—	—	—	TW-TY, 58, 297, ⅝-1	1½	5¼	3 3/16	15/16
AL 3/0 NTN*	ASL 3/0 NTN*	3/0	—	—	—	—	TV, 66, 167, 467, 10A	1 1/16	5½	3¼	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 3/16	1 11/32
AL 350 NTN*	ASL 350 NTN*	350, 336.4	—	—	266.8 (26/7), 336.4 (18/1)	—	96, 299, 655, 1⅛-1, 705, 13A	2 3/16	6 9/16	3 11/16	1¾
AL 336 NSCTN	—	397.5–400	—	—	336.4 (26/7), 397.5 (18/1)	—	1¼, 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, 1⅛-1, 1⅛-2, 705, 316, 13A	2 7/16	7 5/16	3 3/16	1¾
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 5/16	8¼	3 3/16	1¾
AL 500 N 608 TN	—	500, 477	—	600	397.5 (26/7), 477 (18/1)	—	608	3⅓	8¼	3 3/16	1¾
AL 600 NTN*	ASL 600 NTN*	600, 550	—	—	477 (26/7), 556.5 (18/1)	—	1 5/16, 115H, 786, 936, 473	2 5/16	7¾	3⅜	1¾
AL 700 N 608 TN	—	700, 600	—	700–795	—	—	125H, 608	3 1/16	7⅜	3½	1¾
AL 750 NTN*	ASL 750 NTN*	750, 700	—	—	636 (26/7)	—	140H, 301, 342, 1½	3 5/16	8¼	3¾	1¾
AL 750 N 608*	ASL 750 N 608*	750, 700	—	—	636 (26/7)	—	125H, 608	3⅜	8¼	3⅜	1¾
AL 800 NTN*	ASL 800 NTN*	800, 795	—	—	663 (30/19), 715.5 (54/7)	—	140H, 474, 342, 724, 1½	3 11/32	8 9/16	3⅜	1¾
AL 800 N 608 TN	—	800, 700	—	—	636 (30/19), 715.5 (54/7)	—	608	3½	8¼	3⅜	1¾
AL 954 NMS	—	—	—	—	954 (54/7)	—	161, 292, 302, 319, 1¾	4 1/16	9⅜	3⅜	1¾
AL 1000 NTN*	ASL 1000 NTN*	1000, 954	—	—	795 (26/7, 30/19), 954 (45/7)	—	161, 292, 302, 319, 1¾	4 9/16	8 9/16	3⅜	2 1/16
AL 1000 SSNTN	ASL 1000 SSNTN	1000	—	—	—	—	161, 292, 302, 319, 1¾	4 9/16	9⅛	1⅛	2 1/16
AL 1000 NMS	—	1000	—	—	—	—	161, 292, 302, 319, 1¾	4 1/16	9½	3⅜	1¾
AL 1250 NTN	ASL 1250 NTN	1200–1300	—	—	1113 (45/7), 1192.5 (45/7)	—	161, 727, 352	4 1/16	9 1/16	3⅜	2 21/32
AL 1750 NTN	ASL 1750 NTN	1750	—	—	—	—	214, 735, 225	5½	10⅞	3⅛	3 13/32
AL 2000 NTN	ASL 2000 NTN	2000	—	—	—	—	479	6 1/16	11 15/16	3⅞	3 13/32

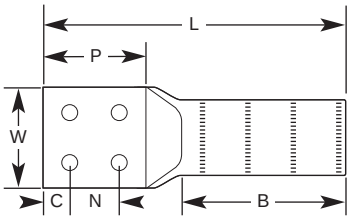
* UL Listed.

NOTE: For two-hole lugs without tin plating, see page 7.
For straight lugs with tapered ends used in high-voltage applications, please consult your Thomas & Betts representative.

Aluminum Four-Hole NEMA Lugs

General-purpose lugs for aluminum and copper terminations.

Features	Benefits/Descriptions
Dual-Rated	Use with aluminum and copper conductors.
Made from Aluminum	Provides high strength and high conductivity.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
All Lugs Marked with Conductor Sizes and Die References	Easy identification.



Ordering Information for Aluminum Four-Hole NEMA Lugs

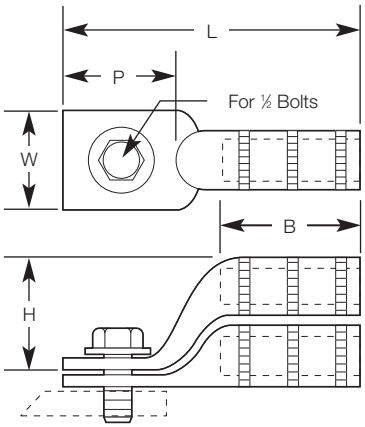
CAT. NO.	Concentric	ACSR	Installing Dies	B	N	C	W	P	L
AL 1000-4N	1000	—	161, 302, 292, 319, 1¾	4 9/16	1¾	⅝	3	4	10
AL 14136 X	1033.5–1300	900–1113	161, 727, 352	7 11/16			3	4¼	13¾
AL 1033-4N	—	1033.5 (54/7)	34 AH	6 3/16			3⅜	3 11/16	12¾
AL 1250-4N	1250	—	161, 727, 352	4⅝			3	3 9/16	10
AL 1272-4N	1272	—	161, 727, 352, 579	6 7/16			3	3⅝	11¼
AL 1590-4N	1590	1272 (45/7)	728, 38AH, 189	8 1/16			3	3⅝	13½
AL 1750-4N	1750	—	214, 735, 40AH, 225	6 11/16		⅞	3½	3¾	12⅞
AL 2000-4N	1700–2000	1510.5–1590	214, 735, 40AH, 225	6 11/16			3½	3¾	12⅞
AL 2300-4N	2250–2300	2167 (72/7)	44AH	11¾		1⅛	4	4½	18½
AL 2500-4N	2500	2156–2167	214	9⅛			3½	4	15⅜

NOTE: For tin-plating option, add “-TN” suffix to the catalog number.

Aluminum One-Hole NEMA Lugs — Common Die Series

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

Features	Benefits/Descriptions
Entire Conductor Range Installed by Four Dies	Lessens your die inventory.
Stacking Lugs	Double terminal capacity of transformer spades and buses to save money.
Dual-Rated	Use with aluminum and copper conductors.
Made from Aluminum	Provides high strength and high conductivity.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
All Lugs Marked with Conductor Sizes and Die References	Easy identification.
Standards Compliant	Meet or exceed ANSI C119.4 specifications.



Ordering Information for Aluminum One-Hole NEMA Lugs

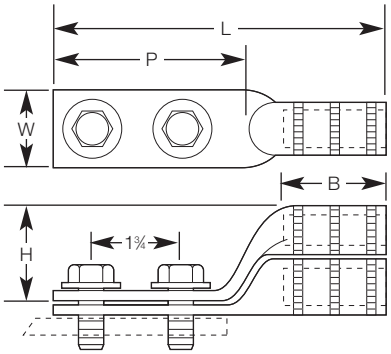
Straight Lugs CAT. NO.	Stacking Lugs CAT. NO.	Conductors — Al or Cu					Installing Dies	B	H	L	P	W
		Concentric	Compressed	Compact	Solid	ACSR						
SA 12-48	—	#12	—	—	#12	—	TU, 52, BG, 243, ⅝, CSA 22	23/32	—	2 9/16	1¼	⅞
SA 10-48	—	#12	—	—	#12	—						
SA 8-48	—	#8	—	—	#6	—		1 5/16		3⅛	1 5/16	
SA 6-48	—	#6	#6	#4	#4	#6						
SA 4-48	—	#4	#4	#4	#2	#4						
SA 3-48	—	#2	#2	#1, #2	#1	—						
SA 2-48	SASL 2-48	#1, #2	#1	#1	1/0	#2			1½			
SA 386-48	—	#1	1/0	1/0	—	—			—			
SA 1/0-48	SASL 1/0-48	1/0	1/0	2/0	—	1/0			1½			
SA 2/0-48	SASL 2/0-48	2/0	2/0	3/0	3/0	2/0 (6/1)	TX, 76, 249, 840, 845, 11A, CSA 24	1 25/64	1¾	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 13/16			
SA 4/0-48	SASL 4/0-48	4/0, 250	4/0, 250	250, 300	—	4/0						
SA 300-48	—	300	300	350	—	266.8 (18/1)	96, 299, 655, 321, 316, 13A, 1⅛-1, 472, CSA 28	1 19/32	—	3⅝		1¼
SA 350-48	—	336.4–350	350	400	—	266.8 (26/7), 336.4 (18/1)						
SA 400-48	—	336.4–400	400	500	—	336.4 (18/1), 397.5 (18/1)						

NOTE: For tin-plating option, add "-TN" suffix to the catalog number.
To order a stud size not specified with a terminal lug on this page, change the last two digits from "48" (designating a ½" stud) to "38" (for a ⅜" stud).

Aluminum Two-Hole NEMA Lugs — Common Die Series

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

Features	Benefits/Descriptions
Entire Conductor Range Installed by Four Dies	Lessens your die inventory.
Stacking Lugs	Double terminal capacity of transformer spades and buses to save money.
Dual-Rated	Use with aluminum and copper conductors.
Made from Aluminum	Provides high strength and high conductivity.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
All Lugs Marked with Conductor Sizes and Die References	Easy identification.
Standards Compliant	Meet or exceed ANSI C119.4 specifications.



For ½ Bolts

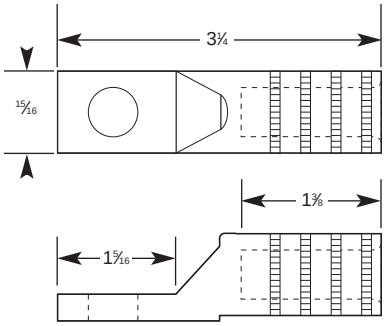
Ordering Information for Aluminum Two-Hole NEMA Lugs

Straight Lugs CAT. NO.	Stacking Lugs CAT. NO.	Conductors — Al or Cu					Installing Dies	B	H	L	P	W
		Concentric	Compressed	Compact	Solid	ACSR						
SA 8 N	—	#8	—	—	#6	—	TU, 52, BG, 243, 5, CSA 22	1 15/16	—	5⅛	3 3/16	⅞
SA 6 N	SASL 6 N	#6	#6	#4	#4	#6		1 15/16	1½	5⅛	3 3/16	⅞
SA 4 N	—	#4	#4	#4	#2	#4		1 15/16	—	5⅛	3 3/16	⅞
SA 3 N	—	#2	#2	#1, #2	#1	—		1 15/16	—	5⅛	3 3/16	⅞
SA 2 N	—	#1, #2	#1	#1	1/0	#2		1½	—	5 5/16	3⅜	1
SA 386 N	—	#1, 1/0	#1, 1/0	1/0	—	#1		1 27/32	—	5½	3	⅞
AL 1/0 N	ASL 1/0 N	1/0	1/0	2/0	2/0	1/0		1½	1½	5¼	3 3/16	⅞
SA 2/0 N	SASL 2/0 N	2/0	2/0	3/0	3/0	2/0 (6/1)	TX, 76, 249, 840, 845, 11A, CSA 24	1 15/16	1¾	6	3⅜	1¼
SA 3/0 N	SASL 3/0 N	3/0	4/0	4/0	—	3/0		1 15/16	1¾	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		1 15/16	1 3/16	6	3 5/16	1 7/32
SA 300 N	—	300	300	350	—	266.8 (18/1)	96, 299, 655, 705, 321, 316, 13A, 1⅛-1, 472, CSA 28	2 1/16	—	6¼	3	1¼
SA 350 N	—	336.4–350	350	400	—	266.8 (26/7), 336.4 (18/1)		2 3/16	—	6¼	3	1¼
SA 400 N	—	336.4–400	400	500	—	336.4 (18/1), 397.5 (18/1)		2 7/16	—	6⅜	3	1¼

NOTE: For tin-plating option, add "-TN" suffix to the catalog number.

Aluminum Meter Socket Lugs — 840 Common Die Series

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



Features	Benefits/Descriptions
All Installation Done with One Die	Really lessens your die inventory.
Made from Aluminum	Provides high strength and high conductivity.
Dual-Rated	Use with aluminum and copper conductors.
Connector Bores Coated with Oxide Inhibitor	Prevents oxidation.
All Lugs Marked with Conductor Sizes and Die References	Easy identification.
Standards Compliant	Lugs meet or exceed ANSI C119.4 specifications.

Ordering Information for Aluminum Meter Socket Lugs — 840 Common Die Series

½ Bolt CAT. NO.	⅜ 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.

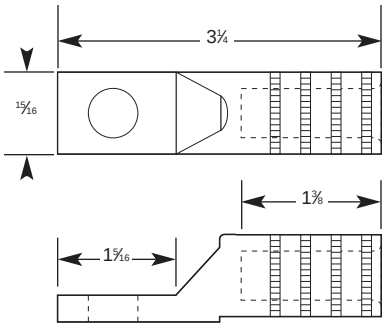
NOTE: For tin-plating option, add “-TN” suffix to the catalog number.

Aluminum Tin-Plated Meter Socket Lugs — Star Hole

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

MSL 350

Features	Benefits/Descriptions
Made from Aluminum	Provides high strength and high conductivity.
Dual-Rated	Use with aluminum and copper conductors.
Tin Plated	Resistant to corrosion.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.



Ordering Information for Aluminum Tin-Plated Meter Socket Lugs — Star Hole

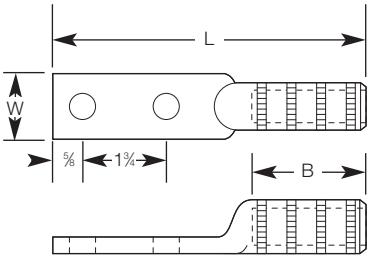
CAT. NO.	Conductor Size	Installing Dies	W	L	P	B
MSL 4	#4 str. cpt.	840, 845, TX, 76, 249, 11A	15⁄16	3¼	1⅝	1⅜
MSL 2	#2 str. cpt. sol.					
MSL 1/0	1/0 str. cpt.					
MSL 2/0	2/0 str. cpt.					
MSL 3/0	3/0 str. cpt.					
MSL 4/0	4/0 str. cpt.					
MSL 250	250 str. cpt.					
MSL 300	300 str. cpt.					
MSL 350	350 str. cpt.					
MSL 500	500 str.	106A, 300, 317, 1⅝, 15A	1¾	4⅞	1¾	3⅜

Aluminum Two-Hole NEMA Lugs — Common Die Series

Lugs designed for general-purpose substation and switchyard equipment use.

SAB 500-N

Features	Benefits/Descriptions
Entire Conductor Range Installed by Three Common Dies	Lessens your die inventory.
Dual-Rated	Use with aluminum and copper conductors.
Made from Aluminum	Provides high strength and high conductivity.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
All Lugs Marked with Conductor Sizes and Die References	Easy identification.



Ordering Information for Aluminum Two-Hole NEMA Lugs — Common Die Series

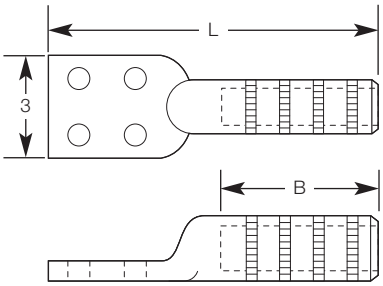
CAT. NO.	Concentric	Compressed	Compact	ACSR	Installing Dies	L	W	B
SAK 4 N	#4	—	—	—	TX, 76, 249, 840, 11A	5¾	1¼	2
SAK 2 N	#1, #2	—	—	#2		5¾	1¼	2
SAK 1/0 N	1/0	2/0	2/0	1/0		5¾	1¼	2
SAK 300 N	—	—	350	—		6¼	1¼	2 1/16
SAK 350 N	350	—	—	—		6¼	1¼	2 1/16
SAB 3/0 N	3/0	—	—	3/0	96, 299, 655, 1⅛–1, 13A	6⅜	1½	2¼
SAB 4/0 N	4/0, 250	—	—	4/0		6⅜	1½	2¼
SAB 250 N	266.8–300	—	—	266.8 (18/1)		6⅜	1½	2¼
SAB 500 N	477–500	—	600	397.5 (26/7, 30/7), 477 (18/1)		6⅜	1¼	2¼
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	1¾	3 13/16
SAM 556 N	500–556	—	—	477 (26/7), 556.5 (18/1)		8⅜	1¾	3 27/32
SAM 600 N	600	—	—	—		8⅜	1¾	3 27/32

Aluminum Four-Hole NEMA Lugs — Common Die Series

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

SAM 500-4N

Features	Benefits/Descriptions
Entire Conductor Range Installed by Three Common Dies	Lessens your die inventory.
Dual-Rated	Use with aluminum and copper conductors.
Made from Aluminum	Provides high strength and high conductivity.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
All Lugs Marked with Conductor Sizes and Die References	Easy identification.



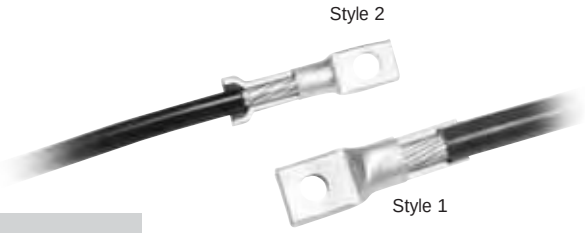
Ordering Information for Aluminum Four-Hole NEMA Lugs — Common Die Series

CAT. NO.	Concentric	Compact	ACSR	L	B	Installing Dies
SAM 3/0-4N*	3/0	—	—	8⅛	3⁵⁄₁₆	1⁵⁄₁₆, 300, 14A, 106, 317
SAM 4/0-4N*	4/0	—	4/0	8⅛	3⁵⁄₁₆	
SAM 250-4N*	250	—	—	8⅛	3⁵⁄₁₆	
SAM 300-4N*	300	—	—	7⅝	3²¹⁄₆₄	
SAM 350-4N*	336.4–350	—	266.8 (26/7), 336.4 (18/1)	7⅝	3²¹⁄₆₄	
SAM 400-4N*	397.5–400	—	336.4 (30/7), 397.5 (18/1)	7⅝	3²¹⁄₆₄	
SAM 500-4N*	500	—	—	8¼	3⁵⁄₁₆	
SAM 600-4N*	556.5–600	—	—	8¼	3⁵⁄₁₆	
SAL 500-4N*	500	—	477 (18/1)	8¼	3⅜	140H, 301, 342, 1½
SAL 600-4N	600	—	477 (24/7, 30/7)	7⅝	3⅝	
SAL 650-4N	600, 636, 650	—	556.5 (24/7, 26/7)	7⅝	3⅝	
SAL 750-4N	700–750	—	636 (26/7)	9	4⁷⁄₃₂	
SAL 800-4N	700–800	954	636 (26/7)	8¾	4³⁄₃₂	
SAL 1000-4N	1000	1000	795 (30/19), 874 (54/7)	8¾	4⁵⁄₃₂	
SAL 1033-4N	1033	—	900 (54/7), 954 (45/7)	9	4⁵⁄₃₂	

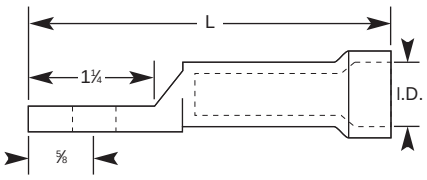
* Designates 2-piece welded design.

Aluminum Shrouded One-Hole Lugs — Common Die Series

If you need rain protection, these lugs have you covered.



Features	Benefits/Descriptions
Rainshield Protection for Insulated Cables	Prevents rainwater from entering cable.
Entire Conductor Range Installed with Three Common Dies	Lessens your die inventory.
Made from Aluminum	Provides high strength and high conductivity.
Dual-Rated	Use with aluminum and copper conductors.
Connector Bores Coated with Oxide Inhibitor	Prevents oxidation.
Marked with Conductor Sizes and Die References	Enable easy identification.
Standards Compliant	Meet or exceed ANSI C119.4 specifications.



Ordering Information for Aluminum Shrouded One-Hole Lugs — Common Die Series

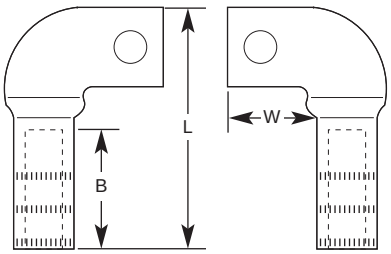
CAT. NO.	Conductor Sizes Concentric	Conductor Sizes Compact	Shroud I.D.	Compression Die Size	L	Style
⅝ Compression Die Series						
RSG 6-48	#6	—	.400	⅝, 8A, 243, TU, 52, BG	3⅜	2
RSG 4-48	#4	#4	.450			
RSG 2-48	#2 & #1	#1	.635		3⅝	1
RSG 1/0-48	1/0	2/0	.640			
840 Compression Die Series						
RSK 1/0-48	1/0	2/0	.640	840, 11A, 249, 76, TX	3¾	2
RSK 2/0-48	2/0	3/0	.750			
RSK 3/0-48	3/0	4/0	.750			
RSK 4/0-48	4/0	4/0	.750			
RSK 250-48	4/0–250	350	.812			
RSK 350-48	350	—	.927		4$^{7}/_{16}$	1
1⅛ Compression Die Series						
RSB 300-48	300	300	.927	1⅛-1, 12A, 96, 299, 655	4½	2
RSB 350-48	350	300	.927			

NOTE: For tin-plating option, add "-TN" suffix to the catalog number.
To order a terminal lug for a ⅜" stud, change a catalog number's "-48" suffix (designating a ½" stud) to a "-38" suffix.
To order with hardware as kits, add "-TMH" suffix to the catalog number.

Aluminum Tin-Plated One-Hole Lugs

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

Features	Benefits/Descriptions
Made from Aluminum	Assures high strength and high conductivity.
Tin Plated	Provides resistance against corrosion.
Dual-Rated	Use with aluminum and copper conductors.
Connector Bores Coated with Oxide Inhibitor	Prevents oxidation.
All Lugs Marked with Conductor Sizes and Die References	Easy identification.
Standards Compliant	Meet or exceed ANSI C119.4 specifications.



Ordering Information for Aluminum Tin-Plated One-Hole Lugs

Left-Hand Lug CAT. NO.	Right-Hand Lug CAT. NO.	Conductor Size			Installing Dies	B	L	W
		Concentric	Compressed	Compact				
AL 1/0-48 LTN	AL 1/0-48 RTN	1/0	1/0	2/0	⅝, BG, TU	1⅜	2 11/16	1⅜
AL 2/0-48 LTN	AL 2/0-48 RTN	2/0	2/0	—	1⅝, 297, TW-TY	1⅜	2 11/16	1⅜
AL 3/0-48 LTN	AL 3/0-48 RTN	3/0	3/0	—	737, 467	1⅜	3¾	1⅜
AL 4/0-48 LTN	AL 4/0-48 RTN	4/0	4/0	—	840, 298, TX	1½	4	1¾
AL 250-48 LTN	AL 250-48 RTN	250	250	300	840, 324, TX	1⅝	4⅛	1¾
AL 300-48 LTN	AL 300-48 RTN	300	300	350	1, 470, TH	1⅝	4⅜	1½
AL 350-48 LTN	AL 350-48 RTN	350	350	350	1⅛-1, 299, 96	1⅝	4⅜	1½
AL 400-48 LTN	AL 400-48 RTN	400	400	400	1⅛, 472, 96	2½	5¾	1½
AL 500-48 LTN	AL 500-48 RTN	500	500	500	1 5/16, 300, 106A	2½	5¾	1½
AL 750-48 LTN	AL 750-48 RTN	700–750	800	800	1½, 301, 140H	3¼	6⅜	3½

NOTE: For NEMA-drilled lugs, substitute a "-NLTN" suffix for a "-48 xTN" suffix to the catalog number. Thus AL 350-48 RTN becomes AL 350-NLTN. NEMA drilling is 2 9/16" holes on 1¾" centers.

Aluminum Multi-Range Die-Less Lugs

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

AL 4/0 NTN

Features	Benefits/Descriptions
Made from Aluminum	Assures high strength and high conductivity.
Tin Plated	Provides resistance against corrosion.
Dual-Rated	Use with aluminum and copper conductors.
Connector Bores Coated Inhibitor with Oxide	Prevents oxidation.
All Lugs Marked with Conductor Sizes	Enables easy identification.

Fig. 1

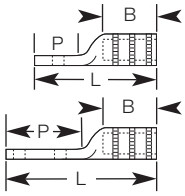


Fig. 2

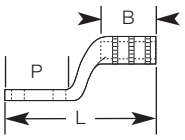


Fig. 3

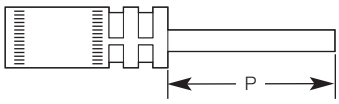
Ordering Information for Aluminum Multi-Range Die-Less Lugs

CAT. NO.	Conductor Range Alum. or Copper	Tool	Figure	Bolt Size	B	L	P
AL 1/0-48 TN	#6 str.–1/0 str.	VC 5/VC 6	1	½	1⅜	3 3/16	1 5/16
AL 1/0 NTN	#6 str.–1/0 str.		2		1⅜	5¼	3¼
ASL 1/0 NTN	#6 str.–1/0 str.		3		1⅜	5¼	3
AL 4/0-48 TN	#2 str.–4/0 str.		1		1 7/16	3 3/16	1⅜
AL 4/0 NTN	#2 str.–4/0 str.		2		2	6	3 5/16
ASL 4/0 NTN	#2 str.–4/0 str.		3		2	6	3
AL 300-48 TN	1/0 str.–300	VC 6	1		2¼	4	1 5/16
AL 300 NTN	1/0 str.– 300		2		2¼	6 9/16	3 9/16
AASL 300 NTN	1/0 str.–300		3		2¼	6 9/16	3
SAB 500-48 TN	4/0 str.–500		1		2½	4 9/16	1½
SAB 500 NTN	4/0 str.–500		2		2¼	6⅜	3⅛
AASL 500 NTN	4/0 str.–500		3		2½	6⅞	2⅞
AL 750 N 608 TN	4/0 str.–750	VC 8	2		3¾	8¼	3⅜

NOTE: To order a stud size not specified here with a terminal lug, substitute a "-58" suffix (designating a ⅝" stud) for a "-48" suffix (designating a ½" stud) to the catalog number.

Aluminum Pin Terminals

The pins you need for hassle-free terminations.



Features	Benefits/Descriptions
Made from Pure Electrolytic Aluminum and Soft-Drawn, Tinned, Solid Copper Wire	The high strength and conductivity of aluminum and the flexibility of copper.
Offer Bi-Metallic Transitions from All Aluminum, ACSR and Aluminum-Alloy Conductors to Copper Clamp-Type Equipment Bushings	No compatibility problems with connections.

Ordering Information for Aluminum Pin Terminals

CAT. NO.	Conductor Size	Decimal Range Min. O.D.	Decimal Range Max. O.D.	Tool	Cu Pin	P
PTA 1/0	#10 sol.–1/0 ACSR	.102	.398	VC 5/6	#2	6
PTA 4/0	#4 sol.–4/0 ACSR	.204	.563	VC 5/6	2/0	
PTA 350	2/0 str.–336.4 (18/1) ACSR	.414	.684	VC 6	4/0	

NOTE: For tin-plating option, add "-TN" suffix to the catalog number.
For other pin lengths, please contact your Thomas & Betts representative.

Blackburn® Slotted-Tang Compression Terminal Lugs

Compress these lugs with standard tools and dies.

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

Features	Benefits/Descriptions
Dual-Rated	Use with a wide range of aluminum and copper conductors.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
Small Boss on Both Sides of Lug Tang	Boss fits the indent on the bus, preventing the lug from rotating.
Slot Enables Lug to be Bolted to the Bus	The bus doesn't have to be removed.
Standards Compliant	RUS Listed.

Ordering Information for Blackburn® Slotted-Tang Compression Terminal Lugs

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

Bi-Metallic Lugs

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

Features	Benefits/Descriptions
Aluminum Barrel	Provides high strength.
Tin-Plated Copper Pad	Provides high conductivity and corrosion resistance.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.

Ordering Information for CPL Series — One-Hole

CAT. NO.	Conductor Size		Bolt Size
	ACSR	AL	
CPL 4-48	#4	#4	½
CPL 2-48	#2	#2	
CPL 1/0-48	1/0	1/0	
CPL 4/0-48	4/0	4/0	

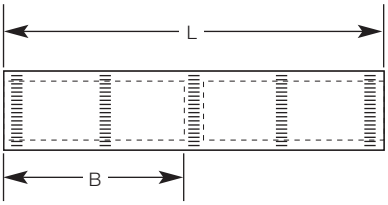
Ordering Information for CPL-N Series — Two-Hole

CAT. NO.	Conductor Size		Bolt Size
	ACSR	AL	
CPL 4 N	#4	#4	½
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 Tin-Plated Straight Splices

For general applications.

Features	Benefits/Descriptions
Made from Aluminum	Provides high strength and high conductivity.
Solid Center Stop	Assures proper cable insertion.
Dual-Rated	Use with aluminum and copper conductors.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
All Splices Marked with Conductor Sizes and Die References	Easy identification.
Standards Compliant (UL)	Meet or exceed ANSI C119.4 specifications. Splices with tin plating are UL Listed through 1000 kcmil.



Ordering Information for Aluminum Tin-Plated Straight Splices

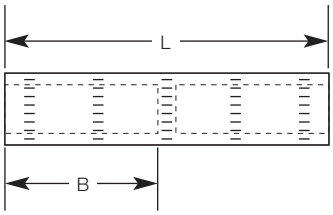
CAT. NO.	Concentric	Compact	ACSR	L	B	Installing Dies
ASC 6	#6	—	—	1⅜	¾	TP, 29, 161, 5/16
ASC 4	#4	—	—	2	1	TB, 37, 375, 162
ASC 2	#2	—	—	2	15/16	TQ, 45, 348, 163, ½, 6A
ASC 1	#1	—	—	2	15/16	TQ, 45, 348, 163, ½
ASC 1/0	1/0	—	—	2¼	31/32	TU, 52, BG, 243, ⅝
ASC 2/0	2/0	—	—	2⅝	1 3/32	TW-TY, 58, 297, ⅝-1
ASC 3/0	3/0	—	—	2⅝	1¼	TV, 66, 167, 467, 10A
ASC 4/0	4/0	—	—	2¾	1 5/16	TX, 71H, 298, 840, 11A
ASC 250	4/0–250	300	4/0	2 15/16	1⅜	TX, 76, 249, 840, 11A
ASC 300	266.8–300	350	266.8 (18/1)	3⅛	1 7/16	TH, 87H, 251, 470, 1, 12A
ASC 350	336.4–350	400	266.8 (26/7), 336.4 (18/1)	3⅜	1 39/64	96, 299, 655, 1⅛-1, 13A
ASC 400	397.5–400	—	336.4 (26/7), 397.5 (18/1)	3¾	1¾	96, 472, 655, 1⅛-1, 13A
ASC 500	477–500	600	397.5 (26/7), 477 (18/1)	3⅞	1 27/32	106A, 300, 317, 1 5/16, 14A
ASC 600	550–600	—	477 (26/7), 556.5 (18/1)	4⅛	1 15/16	1 5/16, 115H, 786, 936, 473
ASC 750	700–750	—	636 (26/7)	4 1 1/16	2 7/32	140H, 301, 342, 1½
ASC 750-608*	700–750	—	636 (26/7)	4 1 1/16	2 7/32	125H, 608, 786, 1½, 936
ASC 800	800	—	—	4¾	2¼	140H, 342, 474, 1½
ASC 1000	954–1000	—	795 (26/7), 954 (45/7)	5¼	2⅜	161, 292, 302, 319, 1¾
ASC 1250	1250	—	—	8	3 1 1/16	161, 727, 352, 1⅞
ASC 1500	1500	—	—	6½	3⅜	189, 478, 728

* Not UL Listed.

NOTE: For splices with tin plating, add "-TN" suffix to the catalog number.
Splices with tin plating are UL Listed through 1000 kcmil.

Aluminum Straight Splices

Splices for general applications.



Features	Benefits/Descriptions
Made from Aluminum	Provides high strength and high conductivity.
Solid Center Stop	Ensures proper cable insertion.
Dual-Rated	Use with aluminum and copper conductors.
Connector Bores Coated with Oxide Inhibitor and Capped	Prevents oxidation and keeps out moisture.
All Splices Marked with Conductor Sizes and Die References	Easy identification.
Standards Compliant (UL)	Meet or exceed ANSI C119.4 specifications. All tin-plated splices are UL Listed.

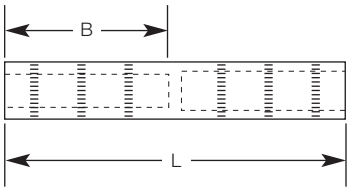
Ordering Information for Aluminum Straight Splices

CAT. NO.	Concentric	Compact	ACSR	L	B	Installing Dies
AC 4	#4	—	—	2¼	1	TB, 37, 375
AC 2	#2		—	3 15/32	1 37/64	TQ, 45, 348, 163, ½
AC 1	#1		—	3 15/32	1 37/64	TQ, 45, 348, 163, ½
AC 1/0	1/0		—	3 11/16	1 13/32	TU, 52, BG, 243, ⅝, 8A
AC 2/0	2/0		—	3 11/16	1 13/32	TU, 52, BG, 243, ⅝, 8A
AC 3/0	3/0		—	4	1¾	TV, 66, 167, 781, 247, 10A
AC 4/0	4/0	250	—	3¾	1¾	TX, 71H, 298, 840, 660, 11A
AC 250	4/0–250	—	4/0	5¼	2 5/16	TX, 76, 249, 840, 11A
AC 300	266.8–300		266.8 (18/1)	5¾	2 1/16	TH, 87H, 251, 840, 470, 12A
AC 350	336.4–350		266.8 (26/7), 336.4 (18/1)	6⅝	3⅛	96, 299, 655, 1⅛-1, 13A
AC 400	397.5–400		336.4 (26/7), 397.5 (18/1)	7 3/32	3½	96, 472, 655, 705, 1⅛-1, 13A
AC 500	477–500	600	397.5 (26/7, 30/7), 477 (18/1)	7 19/32	3 37/64	106A, 300, 317, 1 5/16, 14A
AC 600	600	—	477 (26/7), 556.5 (18/1)	7 27/32	3 47/64	1 5/16, 115H, 786, 936, 473
AC 750	700–750		636 (26/7)	8 3/32	3 31/32	140H, 301, 342, 1½
AC 800	750–800		636 (30/19), 715.5 (54/7)	8½	4 1/16	140H, 474, 342, 724, 1½H, 1⅝
AC 1000	954–1000		795 (26/7), 954 (45/7)	9 15/16	4 9/32	161, 292, 302, 319, 1¾

NOTE: For tin-plating option, add "-TN" suffix to the catalog number.

Aluminum Straight Reducing Splices

Solid center stop ensures proper cable insertion.



Features	Benefits/Descriptions
Made from Aluminum	Provides high strength and high conductivity.
Dual-Rated	Use with aluminum and copper conductors.
Connector Bores Coated with Oxide Inhibitor and Capped	Prevents oxidation.
All Splices Marked with Conductor Sizes and Die References	Easy identification.
Standards Compliant	Meet or exceed ANSI C119.4 specifications.

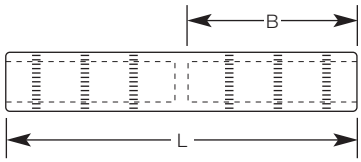
Ordering Information for Aluminum Straight Reducing Splices

CAT. NO.	Wire Size From	Wire Size To	L	B	Installing Dies
AC 2 R 4	#2	#4	4 9/16	1 7/8	TQ, 45, 348, 6A, ½
AC 1/0 R 2	1/0	#2	4 9/16	1 7/8	8A, BG, TU, ⅝
AC 2/0 R 1	2/0	#1	4 9/16	1 7/8	TWTY, 60, 245, 9A, ⅝ 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	5 1/4	2 1/8	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	4/0	8 3/16	3 17/32	96, 299, 1 1/8
AC 400 R 250	400	250	8 19/32	3 11/16	96, 472, 1 1/8
AC 500 R 300	500	300	8 19/32	3 13/16	106, 300, 317, 1 5/16
AC 500 R 350	500	350	8 11/16	3 13/16	106, 300, 317, 1 5/16
AC 500 R 400	500	400	8 7/8	3 13/16	106, 300, 317, 1 5/16
AC 600 R 350	600	350	8 7/8	3 15/16	115, 473, 1 5/16
AC 600 R 500	600	500	9 1/4	3 15/16	115, 473, 1 5/16
AC 750 R 500	750	500	9 5/8	4 7/32	140, 301, 1 ½
AC 750 R 600	750	600	9 5/8	4 7/32	140, 301, 1 ½
AC 1000 R 500	1000	500	9 7/8	4 5/8	161, 302, 1 ¾
AC 1000 R 750	1000	750	9 7/8	4 5/8	161, 302, 1 ¾

NOTE: For tin-plating option, add "-TN" suffix to the catalog number.

Aluminum Straight Splices — Common Die Series

Splices designed for general URD applications.



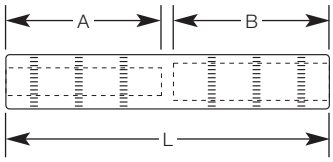
Features	Benefits/Descriptions
Entire Conductor Range Installed with Six Common Dies	Lessens your die inventory.
Made from Aluminum	Provides high strength and high conductivity.
Solid Center Stop	Assures proper cable insertion.
Dual-Rated	Use with aluminum and copper conductors.
Connector Bores Coated with Oxide Inhibitor	Prevents oxidation.
All Splices Marked with Conductor Sizes and Die References	Easy identification.
Standards Compliant	Meet or exceed ANSI C119.4 specifications.

Ordering Information for Aluminum Straight Splices

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

Aluminum Straight Reducing Splices — Common Die Series

Reducers for general URD applications.



Features	Benefits/Descriptions
Install with Six Common Dies	Lessens your die inventory.
Dual-Rated	Use with aluminum and copper conductors.
Bores Coated with Oxide Inhibitor	Prevents oxidation.
Marked with Conductor Sizes and Die References	Easy identification.
Standards Compliant (UL)	Meet or exceed ANSI C119.4 specifications.

Ordering Information for Aluminum Straight Reducing Splices

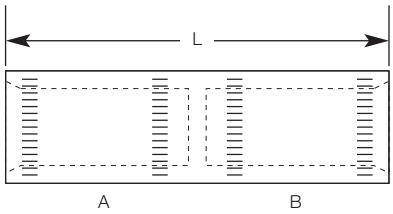
CAT. NO.	Side A			Side B			A–B	L	Installing Dies
	Concentric/ Compressed	Compact	Solid	Concentric/ Compressed	Compact	Solid			
SAC 4 R 6	#4	#4	—	#6	#6	—	1 1/16	3	CSA 22, 5/8, BG, 243
SAC 2 R 4	#2	#1, #2	#1	#4	#4	—			
SAC 1 R 2	#1	1/0	1/0	#2	#1, #2	#1			
SAC 1/0 R 4	1/0	2/0	2/0	#4	#4	—			
SAC 1/0 R 2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

NOTE: For tin-plating option, add "-TN" suffix to the catalog number.

Aluminum Tin-Plated Straight Splices — ⅝ Common Die Series

Built to resist corrosion and provide high strength and high conductivity.

Features	Benefits/Descriptions
Made from Aluminum	Provides high strength and high conductivity.
Solid Center Stop	Assures accurate wire positioning and forces oxide inhibitor over and through conductor strands.
Most Are Dual-Rated	Use with aluminum and copper conductors.
Tin Plated	Resists corrosion and extends shelf life.
Prefilled with Oxide Inhibitor	Improves contact and seals out moisture after installation.
Color-Coded End Caps	Seal splices from contaminants.
All Splices Marked with Conductor Sizes, Die References and Compression Locations	Easy identification and installation.
Standards Compliant	Meet or exceed ANSI C119.4 specifications.



Ordering Information for Aluminum Tin-Plated Straight Splices

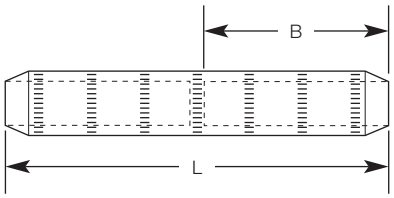
CAT. NO.	Wire Size A	Wire Size B	Conductor A	Conductor B	Installing Dies	L
SG 88	#8	#8	AL-CU	AL-CU	⅝, 8A, BG, TU, 243	2
SG 68	#6	#8	AL-CU	AL-CU		
SG 66	#6	#6	AL-CU	AL-CU		
SG 48	#4	#8	AL-CU	AL-CU		
SG 46	#4	#6	AL-CU	AL-CU		
SG 44	#4	#4	AL-CU	AL-CU		
SG 26	#2	#6	AL-CU	AL-CU		
SG 24	#2	#4	AL-CU	AL-CU		
SG 22	#2	#2	AL-CU	AL-CU		
SG 11	#1	#1	AL-CU	AL-CU		
SG 106	1/0	#6	AL-CU	AL-CU		
SG 104	1/0	#4	AL-CU	AL-CU		
SG 102	1/0	#2	AL-CU	AL-CU		
SG 1010	1/0	1/0	AL-CU	AL-CU		
SG 206	2/0	#6	AL	AL-CU		2⅛
SG 204	2/0	#4	AL	AL-CU		
SG 202	2/0	#2	AL	AL-CU		
SG 2010	2/0	1/0	AL	AL-CU		
SG 2020	2/0	2/0	AL	AL		

NOTE: For watertight protection, see the FSS 20 Flood-Seal® insulating splice cover on page 60.

Aluminum Tapered Splices

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

Features	Benefits/Descriptions
Solid Center Stop	Assures proper cable insertion.
Dual-Rated	Use with aluminum and copper conductors.
Connector Bores Coated with Oxide Inhibitor	Prevents oxidation.
All Splices Marked with Die References	Easy identification.
Standards Compliant	Meet or exceed ANSI C119.4 specifications.



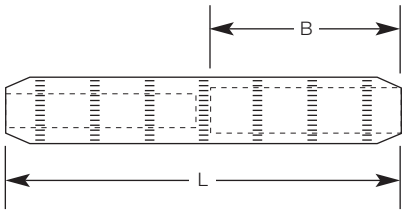
Ordering Information for Aluminum Tapered Splices

CAT. NO.	Concentric	L	B	Installing Dies
ATC 3	#3	2 23/32	1 9/32	½, TQ, 6A, 163
ATC 2	#2	2 23/32	1 9/32	½, TQ, 6A, 163
ATC 1	#1	3	1 13/32	TU, 52, BG, 243, ⅝, 8A
ATC 1/0	1/0	3	1 13/32	⅝, TU, BG, 296
ATC 2/0	2/0	3 1/16	1⅜	TW-TY, 58, 297, ⅝-1
ATC 3/0	3/0	3	1⅜	TV, 66, 247
ATC 4/0	4/0	3 23/32	1 23/32	TX, 71H, 298, 840
ATC 250	250	3 21/32	1 49/64	TX, 76, 249, 840, 11A
ATC 300	300	4 5/16	2 1/32	1, TH, 87H, 470, 251, 12A
ATC 350	350	5	2 21/64	96, 472, 655, 1⅛-1, 13A
ATC 400	400	5 7/32	2 25/64	96, 472, 655, 705, 1⅛-1, 13A
ATC 500	500	5½	2 19/32	1 5/16, 106A, 300, 317, 15A
ATC 600	600	5 29/32	2 13/16	115H, 786, 936, 1 5/16
ATC 750	700–750	6 63/64	3⅜	140H, 301, 342, 1½
ATC 800	795–800	7 5/16	3 15/32	140, 1½, 1⅝
ATC 1000	1000	8 27/32	4 7/64	161, 302, 292, 319, 1¾
ATC 1250	1250	9¾	4 11/16	161, 352, 579, 30AH
ATC 1500	1500	9¾	4 11/16	189R, 478, L46ART
ATC 1750	1750	11½	5 7/32	189, 728, 38AH
ATC 2000	2000	14	6 13/16	189, 478, 728

NOTE: For tin-plating option, add "-TN" suffix to the catalog number.

Aluminum Tapered Reducing Splices

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



Features	Benefits/Descriptions
Solid Center Stop	Assures proper cable insertion, prevents moisture migration.
Dual-Rated	Use with aluminum and copper conductors.
Connector Bores Are Coated with Oxide Inhibitor	Prevents oxidation.
All Splices Marked with Conductor Sizes and Die References	Easy identification.
Standards Compliant	Meet or exceed ANSI C119.4 specifications.

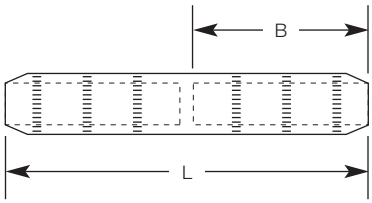
Ordering Information for Aluminum Tapered Reducing Splices

CAT. NO.	Wire Size From	Wire Size To	L	B	Installing Dies
ATC 2 R 4	#2	#4	2⅛	1⅜	½
ATC 1/0 R 4	1/0	#4	3	1⅞₁₆	
ATC 1/0 R 2	1/0	#2	3	1⅞₁₆	
ATC 2/0 R 2	2/0	#2	4	1⅞	
ATC 2/0 R 1/0	2/0	1/0	4	1⅞	
ATC 3/0 R 1/0	3/0	1/0	4	1⅞	
ATC 4/0 R 1/0	4/0	1/0	4	1⅞	249, 840, TX, 76, 11A
ATC 4/0 R 2/0	4/0	2/0	4	1⅞	
ATC 4/0 R 2	4/0	#2	4	1⅞	
ATC 250 R 3/0	250	3/0	4	1⅞	
ATC 350 R 2	350	#2	4¹⁵⁄₁₆	2⅜	
ATC 350 R 1/0	350	1/0	4¹⁵⁄₁₆	2⅜	
ATC 350 R 2/0	350	2/0	4¹⁵⁄₁₆	2⅜	655, 299, 1-18-1, 96, 13A
ATC 350 R 3/0	350	3/0	4¹⁵⁄₁₆	2⅜	
ATC 350 R 4/0	350	4/0	4¹⁵⁄₁₆	2⅜	
ATC 350 R 250	350	250	4¹⁵⁄₁₆	2⅜	
ATC 500 R 2	500	#2	5⅝	2⁹⁄₁₆	
ATC 500 R 1/0	500	1/0	5⅝	2⁹⁄₁₆	
ATC 500 R 2/0	500	2/0	5⅝	2⁹⁄₁₆	
ATC 500 R 4/0	500	4/0	5⅝	2⁹⁄₁₆	300, 317, 1⁵⁄₁₆, 106, 15A
ATC 500 R 250	500	250	5⅝	2⁹⁄₁₆	
ATC 500 R 300	500	300	5⅝	2⁹⁄₁₆	
ATC 500 R 350	500	350	5⅝	2⁹⁄₁₆	
ATC 500 R 350-608	500	350	5⅝	2⁹⁄₁₆	125H, 608, 786, 936
ATC 750 R 2	750	#2	9⅞	4⅜	
ATC 750 R 1/0	750	1/0	9⅞	4⅜	
ATC 750 R 4/0	750	4/0	9⅞	4⅜	301, 1½, 140, 342
ATC 750 R 350	750	350	9⅞	4⅜	
ATC 750 R 500	750	500	9⅞	4⅜	
ATC 750 R 500-608	750	500	9⅞	4⅜	125H, 608, 786, 936
ATC 1000 R 500	1000	500	9⅞	4⅜	
ATC 1000 R 750	1000	750	9⅞	4⅜	302, 161, 292, 319, 727
ATC 1250 R 750	1250	750	9⅞	4⅜	

NOTE: For tin-plating option, add "-TN" suffix to the catalog number.

Aluminum Tapered Splices — Common Die Series

Entire conductor range is installed with six common dies.



Features	Benefits/Descriptions
Solid Center Stop	Assures proper cable insertion, prevents moisture migration.
Dual-Rated	Use with aluminum and copper conductors.
Connector Bores Are Coated with Oxide Inhibitor	Prevents oxidation.
All Splices Marked with Die References	Easy identification.
Standards Compliant	Meet or exceed ANSI C119.4 specifications.

Ordering Information for Aluminum Tapered Reducing Splices — Common Die Series

CAT. NO.	Wire Size	L	B	Installing Dies
SATC 4	#4	3	1 7/16	52, TU, 243, 5/8, BG
SATC 2	#2		1 7/16	
SATC 1	#1		1 7/16	
SATC 1/0	1/0		1 7/16	
SATC 2/0	2/0	4	1 7/16	TX, 76, 11A, 249, 840
SATC 3/0	3/0		1 7/16	
SATC 4/0	4/0		1 1/8	
SATC 250	250		1 7/16	
SATC 300	300	5	2 5/16	96, 13A, 1 1/8-1, 299, 321, 655
SATC 350	350		2 5/16	
SATC 400	400	5 1/2	2 5/8	96, 472, 655, 1 1/8-1, 13A
ATC 500	500		2 5/8	317, 106A
SATC 750	700–750	7	3 3/8	140, 301, 342, 1 1/2

NOTE: For tin-plating option, add "-TN" suffix to the catalog number.

Aluminum Tees

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

AT 350-350

Features	Benefits/Descriptions
Made from Aluminum	Provides high strength and high conductivity.
Dual-Rated	Use with aluminum and copper conductors.
Connector Bores Coated with Oxide Inhibitor	Prevents oxidation.
All Tees Marked with Conductor Sizes and Die References	Easy identification.
Standards Compliant	Meet or exceed ANSI C119.4 specifications.

Ordering Information for Aluminum Tees

CAT. NO.	Run	Tap	L	T
AT 2-4	#2	#4	5½	2½
AT 2-2		#2		
AT 1/0-4	1/0	#4		
AT 1/0-2		#2		
AT 1/0-1/0		1/0		
AT 2/0-2	2/0	#2		
AT 2/0-1/0		1/0	6	
AT 2/0-2/0		2/0		
AT 3/0-2	3/0	#2		3
AT 3/0-1/0		1/0		
AT 3/0-3/0		3/0		
AT 4/0-2	4/0	#2		
AT 4/0-1/0		1/0		
AT 4/0-2/0		2/0		
AT 4/0-4/0		4/0		3⅛
AT 250-2	250	#2		
AT 250-1/0		1/0		
AT 250-2/0		2/0		
AT 250-3/0		3/0		
AT 250-250		250		
AT 300-1/0	300	1/0	6⅝	
AT 300-2/0		2/0		
AT 300-4/0		4/0		
AT 300-300		300		

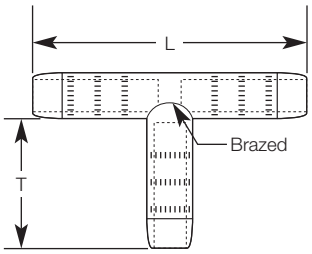
CAT. NO.	Run	Tap	L	T
AT 350-2	350	#2	6⅝	2½
AT 350-1/0		1/0		2½
AT 350-3/0		3/0		3
AT 350-4/0		4/0		3
AT 350-350		350		3⅛
AT 500-1/0	500	1/0	8	3
AT 500-4/0		4/0		3
AT 500-350		350		3⅛
AT 500-500		500		3⅛
AT 750-1/0	750	1/0		2½
AT 750-4/0		4/0		3
AT 750-350		350		3⅛
AT 750-500		500	9	3⅛
AT 750-750		750		3½
AT 1000-4/0	1000	4/0	9⅞	3⅛
AT 1000-350		350		3⅛
AT 1000-500		500		5½
AT 1000-750		750		7⅛
AT 1000-1000		1000		7⅛

NOTE: For tin-plating option, add "-TN" suffix to the catalog number.
For other available sizes, please consult your Thomas & Betts representative.

Aluminum Tapered Tees

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

Features	Benefits/Descriptions
Made from Aluminum	Provides high strength and high conductivity.
Tapered Ends	Enable use in high-voltage applications up to 69kV.
Dual-Rated	Use with aluminum and copper conductors.
Connector Bores Coated with Oxide Inhibitor	Prevents oxidation.
All Tees Marked with Conductor Sizes and Die References	Easy identification.
Standards Compliant	Meet or exceed ANSI C119.4 specifications.



Ordering Information for Aluminum Tapered Tees

CAT. NO.	Run	Tap	L	T
ATT 2-4	#2	#4	4¼	2½
ATT 2-2		#2		2½
ATT 1/0-4	1/0	#4	5½	2½
ATT 1/0-2		#2		2½
ATT 1/0-1/0		1/0		2½
ATT 2/0-2	2/0	#2	6	2½
ATT 2/0-1/0		1/0		2½
ATT 2/0-2/0		2/0		2½
ATT 3/0-2	3/0	#2	6⅝	3
ATT 3/0-1/0		1/0		3
ATT 3/0-3/0		3/0		3
ATT 4/0-2	4/0	#2		2½
ATT 4/0-1/0		1/0		2½
ATT 4/0-2/0		2/0		2½
ATT 4/0-4/0		4/0		3
ATT 250-2	250	#2		3
ATT 250-1/0		1/0		3
ATT 250-2/0		2/0		3
ATT 250-3/0		3/0		3
ATT 250-250		250		3
ATT 300-1/0	300	1/0		3⅛
ATT 300-2/0		2/0		3⅛
ATT 300-4/0		4/0		3⅛
ATT 300-300		300		3⅛

CAT. NO.	Run	Tap	L	T
ATT 350-2	350	#2	6⅝	2½
ATT 350-1/0		1/0		2½
ATT 350-3/0		3/0		3
ATT 350-4/0		4/0		3
ATT 350-350		350		3¼
ATT 400-1/0	400	1/0	7¾	4
ATT 400-4/0		4/0		4
ATT 400-400		400		4
ATT 500-1/0	500	1/0		4
ATT 500-4/0		4/0	8	3
ATT 500-350		350		3⅛
ATT 500-500		500		5½
ATT 750-1/0	750	1/0		3
ATT 750-4/0		4/0		3
ATT 750-350		350		3⅛
ATT 750-500		500	9	5½
ATT 750-750		750		4
ATT 1000-4/0	1000	4/0	9⅞	3⅛
ATT 1000-350		350		3⅛
ATT 1000-500		500		5½
ATT 1000-750		750		6
ATT 1000-1000		1000		6
ATT 1500-1500	1500	1500	14	6

NOTE: For tin-plating option, add "-TN" suffix to the catalog number.
For other available sizes, please consult your Thomas & Betts representative.