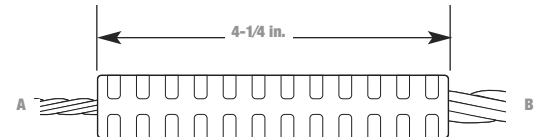


Compression Splices

Aluminum Semi-Tension Neutral Compression Splices — Common Die Series

Aluminum construction provides high-conductivity

- Ease cable insertion
- Prevents oxidation and keeps out moisture
- Easy identification for easy installation
- Meets or exceeds ANSI C119.4 specifications



Cat. No.	Conductor A		Conductor B		Installing Dies
	ACSR	Str.	ACSR	Str.	
SNG 66	#6	#6	#6	#6	TU, 52, 5/8, BG, 243, 8A
SNG 44	#4	#4	#4	#4	
SNG 22	#2	#2	#2	#2	
SNG 00	1/0	1/0	1/0	1/0	
SNG 46	#4	#4	#6	#6	
SNG 24	#2	#2	#4	#4	
SNG 02	1/0	1/0	#2	#2	
SNG 26	#2	#2	#6	#6	
SNG 11	#1	#1	#1	#1	

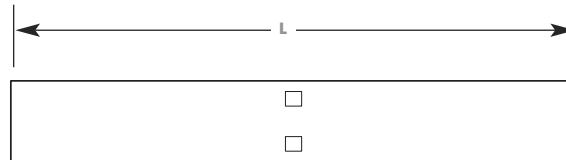
For tin-plating option, add "-TN" suffix to the catalogue number.

Compression Splices

Aluminum Loop Compression Splices

Versatile compression splices for ACSR, ACAR, AAAC, 5005 and AAC conductors

- Provides high-conductivity
- Prevents oxidation and keeps out moisture
- Easy identification for easy installation
- Meets or exceeds ANSI C119.4 specifications



Cat. No.	Wire Size		Length (in.)	EEI* Die Code	Installing Tools and Dies (Compressions per End)	
	ACSR, ACAR†, 5005†, AAAC	AAC			Dies—UT5 Type	Dies—Hydraulic
SNG 00	1/0 (6/1)	1/0	4-1/4	8A	TU	243, 52, 5/8, BG
Z 1 A 10	2/0 (6/1)	2/0	6-3/8	—	TZ (6)	58, 60, 245, 9A
Z 1 A 51	—	3/0	4-1/4	10A	TZ (4)	
866*	3/0 (6/1)		TV (9)			
867*	4/0 (6/1)	4/0–250	6-3/8	11A	TX (9)	249, 76 (3), 76H (6), 840
869	266.8	266–300	7-1/2		TH (6)	
H 1 A 33	336.4 (18/1)	336–350	6-5/8			
872*	336.4	336.4–350	7-1/2			
874*	397.5	397.5–477				
876*	477	500–556.6				
879	556.5	600–700				
883	605–666.6	715.5–800	9-3/4	—		
892	715.5–874.5	874.5–1000	12-3/4			

*When using EEI dies, space compressions 1/8 in. apart.

†Select diameter equivalent to ACSR.

Compression Splices

Aluminum Full-Tension Compression Splices — For Aluminum Conductors

Seamless aluminum tubing provides high-conductivity

- Act as a funnel-like entrance for easy insertion of conductors
- Provide stress relief on the conductor strands upon compression
- Prevents oxidation and keeps out moisture
- Easy identification for easy installation
- Meets or exceeds ANSI C119.4 specifications



Cat. No.	Wire Size	Length (in.)	Installing Dies
SNG 44	#4 str.	4-1/4	243, TU, 52, 518, 8A, BG
Q 2 A 7	#2 str.	4-1/2	TQ, 163, 239, 1/2, 6A
U 2 A 9	1/0	6-1/4	TU, 52, 243, 19/32, CSA 22, 8A
W 2 A 20	2/0 str.	6-1/2	TW-TY, 245, 635, 9A
Z 2 A 10			166
Z 2 A 51	3/0 str.	8-1/4	TV, 66, 694, 702, 781, 10A
2169			TX, 76, 249, 840, 11A
2170	4/0–250 str.	10-3/8	87
2174	266–300 str.		96H, 655, 1 (1/8)–1, 321, 13A
2176	336.4–350 str.	10	96H, 655, 1 (1/8)–1, 13A
2178	397.5–400 str.		106, 14A, 1-5/16
2182	450–477 str.	10-3/8	115H, 318, 1-5/16, 15A
2183	556.5 str.		125
2186	636 str.	13-3/8	140
2187	750–795 str.		140, 1-1/2
2188	795 str.		150
2190	874.5–1000 str.		

For wire sizes over 1000 kcmil, please consult your Thomas & Betts representative.

Compression Splices

Aluminum Full-Tension Compression Splices —
For ACSR and Aluminum-Alloy Conductors

Simplify hot line distribution construction and eliminate
the separate splicing of ACSR core wires

- Provides high-conductivity
- Prevents oxidation and keeps out moisture
- Act as a funnel-like entrance for easy insertion of conductors
- Provide stress relief on the conductor strands upon compression
- Ensure all-around distribution and penetration of the oxide inhibitor to all strands
- Easy identification for easy installation
- Meets or exceeds ANSI C119.4 specifications



Cat. No.	Wire Size	L (in.)	Installing Dies
BS 66	#6 AAC, #6 ACSR (6/1)	6-5/8	TB, 239, 1/2
BS 46	#4 AAC, #4 ACSR (6/1), #4 AAAC	9-7/16	
BS 467	#4 AAC, #4 ACSR (6/1), #4 ACSR (7/1), #4 AAAC	10-3/8	
DS 26	#2 AAC, #2 ACSR (6/1)	12-1/4	BG, TW-TY
DS 267	#2 AAC, #2 ACSR (6/1), #2 ACSR (7/1), #2 AAAC	11-1/4	
WS 10	1/0 AAC, 1/0 ACSR (6/1), 1/0 AAAC	12-3/8	TW-TY, 58, 245
RS 10-HM		13	167, 247, 702, 737
MS 20	2/0 AAC, 2/0 ACSR (6/1), 2/0 AAAC	17-7/8	TM, 62, 11/16
16100	3/0 AAC, 3/0 ACSR (6/1), 3/0 AAAC		76H, 658
16101	4/0 AAC, 4/0 ACSR (6/1), 4/0 AAAC		87, 654
16104	336.4 (18/1) ACSR	19	96, 655, 1 (1/8)-1, 13A
16106	397.5 (18/1) ACSR	28	96
16477	477 (18/1) ACSR	30	115H

For wire sizes over 1000 komil, please consult your Thomas & Betts representative.

Compression Splices

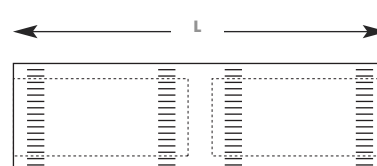
Aluminum Multi-Range Dieless Compression Splices — Minimum and Partial Tension

Compression splices for a wide conductor range, no dies needed

- Provides high strength and high-conductivity
- Ensures proper cable insertion
- Use with aluminum and copper conductors
- Prevents oxidation
- Easy identification



SGAC 500



Minimum Tension

Cat. No.	Conductor Size	Decimal Range		Tool	L
		Min. O.D.	Max. O.D.		
SGAC 1/0	#10 sol.—1/0 ACSR	0.102	0.398	VC-5/VC-6	2
SNG 00					4-1/4
SGAC 3/0	#8 sol.—3/0 str.	0.128	0.470		3
SGAC 250	#4 sol.—266.8—4/0 ACSR	0.204	0.593		4
SGAC 350	2/0 str.—350—336.4 (18/1)	0.414	0.684	VC-6	5
SGAC 500	4/0 str.—500—477 (18/1)	0.522	0.814		
SGAC 8650	350 str.—636 (36/1) 400 copper max.	0.681	0.940	VC-8	8-7/8
SGAC 8800	397.5 str.—795 (36/1) 500 copper max.	0.724	1.040		10-5/8

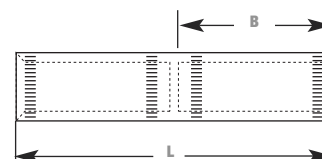
For tin-plating option, add "-TN" suffix to the catalogue number.

Partial Tension

Cat. No.	Conductor Size	Decimal Range		Tool	B (in.)	L (in.)
		Min. O.D.	Max. O.D.			
SKAC 2/0	#2 str.—2/0 ACSR	0.292	0.447	VC-5/VC-6	3-1/8	6-1/2
SKAC 4/0	1/0 str.—4/0 ACSR	0.368	0.563		3-7/8	8
SKAC 500	4/0 str.—477 (18/1) ACSR	0.522	0.814	VC-6	5-7/16	11-1/8
SKAC 600	300—477 (26/7) ACSR	0.629	0.858		6-5/16	12-7/8
SKAC 700	556.5—636 (36/1) ACSR	0.858	0.930	VC-8	6-5/16	12-7/8
SKAC 800	700—795 (36/1) ACSR	0.964	1.040		6-5/16	12-7/8



SKAC 500



Compression Splices

Aluminum Multi-Range Dieless Compression Splices — Full Tension

Aluminum compression splices provide high-strength and high-conductivity

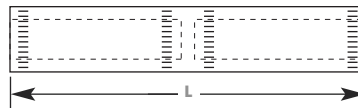
- Ensures proper cable insertion
- Use with aluminum and copper conductors
- Prevents oxidation
- Easy identification
- Meets or exceeds ANSI C119.4 specifications



U 2 A 9



AAC 4/0 FT



AAC Series – Full Tension

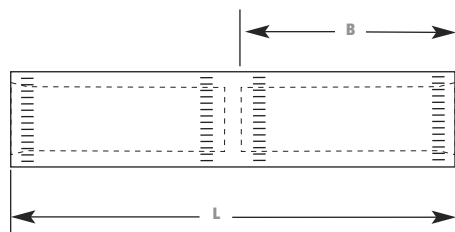
Cat. No.	Conductor Size	Decimal Range		Tool	L (in.)
		Min. O.D.	Max. O.D.		
U 2 A 9	#4 str.–1/0 str. aluminum	0.232	0.368	VC-5/VC-6	6-1/4
AAC 4/0 FT	1/0 str.–4/0 str. aluminum	0.368	0.522		8
AAC 350 FT	4/0 str.–350 aluminum–336.4 (18/1)	0.522	0.681	VC-6	9-1/2
AAC 500 FT	336.4 str.–500 aluminum	0.666	0.795		12-1/2

ACSR Series – Full Tension

Cat. No.	Conductor Size	Decimal Range		Tool	B (in.)	L (in.)
		Min. O.D.	Max. O.D.			
U 2 A 9	#4 str.–1/0 str. aluminum	0.232	0.368	VC-5/VC-6	6-1/4	14-1/4
ACSR 2 FT	#4 str.–#2 str. aluminum, #4 (6/1)–#2 (7/1) ACSR, #6 sol.–#4 sol. copper, #6 str.–#2 str. copper	0.162	0.325		7	
ACSR 1/0 FT	#2 str.–1/0 (6/1) ACSR	0.292	0.398		8-3/8	
ACSR 2/0 FT	#2 str.–2/0 str. aluminum, #2 (6/1)–2/0 (6/1) ACSR, #2 str.–1/0 str. copper	0.292	0.447		9-1/8	18-1/2
ACSR 4/0 FT	1/0 str.–4/0 str. aluminum, 1/0 (6/1)–4/0 (6/1) ACSR, 1/0 str.–3/0 str. copper	0.368	0.563	VC-6	9-7/8	20
ACSR 397.5 FT	4/0–397.5 str. aluminum, 4/0 (6/1)–397.5 (18/1) ACSR, 3/0 str.–4/0 str. copper	0.470	0.743		11	23



ACSR 397.5 FT



Compression Splices

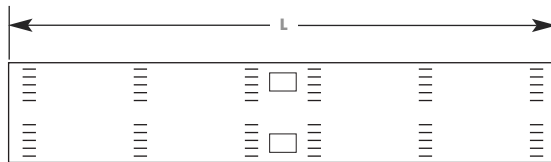
Copper Loop Compression Splices

Seamless copper tubing provides high-conductivity

- Easy identification for easy installation
- Meets or exceeds ANSI C119.4 specifications



39029



Cat. No.	Wire Size	L (in.)	Installing Tools and Dies (Compressions per End)	
			Dies-UT 5 Type	Dies-Hydraulic
J 1 C 1	#8 sol. and str.	2-1/4	TJ (2)	161
J 1 C 3	#6 sol. and str.		TLTN (2)	162
L 1 C 5	#4 sol. and str.		TQ (2)	
Q 1 C 7	#2 sol. and #2 (7) str.	4-1/4	TS (4)	-
S 1 C 7	#2 (3) str.			
S 1 C 51	#1 sol.			
S 1 C 8	#1 (7-19) str.			
S 1 C 52	1/0 sol.	4-1/2	TU (4)	52 (2)
U 1 C 9	1/0 (7-19) str.		TZ (4)	58 (2)
39023	2/0 (7-19) str.		-	62 (2), 167
39026	3/0 (7-19) str.			71 (2), 168
39029	4/0 (7-19) str.			

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

Compression Splices

Copper Full-Tension Compression Splices

Seamless copper tubing provides high conductivity for full-tension applications

- Easy identification for easy installation
- Meets or exceeds ANSI C119.4 specifications
- Approved by the Federal government for utility use



Cat. No.	Wire Size	L	Installing Dies
Copper Conductors			
J 2 C 1	#8 sol. and str.	1-15/16	TJ, 161
J 2 C 3*	#6 sol. and str.	2-1/4	TJ, 161, J
L 2 C 4	#4 sol.	3-1/4	TLTN, 162, 3/8
L 2 C 5*	#4 str.		
Q 2 C 6	#2 sol.	4-3/8	TQ, 1/2, 163
Q 2 C 7	#2 (7) str.		
S 2 C 7*	#2 (3) str.	4-1/4	TS, 9/16, 164
S 2 C 52	1/0 str.		
U 2 C 9*	1/0 (7-19) str.	5-1/4	TU
Z 2 C 1	2/0 (7-19) str.		
2723	3/0 (7-19) str.	6-1/2	58, 245
2726			62, 167
2729	4/0 (7-19) str.	8-3/8	71, 840, 168

* RUS Accepted
For tin-plating option, add "-TN" suffix to the catalogue number.

Cat. No.	Wire Size	L	Installing Dies
Copperweld® – Copper Conductors			
L 2 E 1*	8A	5-3/16	TLTN, 162
L 2 E 3*	6A		
CFT Series			
CFT 8 S-J	8 sol.	2	J161
CFT 6 S-J	6 sol.	2-1/4	
CFT 4 S-P	4 sol.	2-3/4	P162
SFT 2 S-X	2 sol.	3	X163
CFT 8 J	8 (7) str.	2-1/4	J161
CFT 6 J	6 (7) str.		
CFT 4 P	4 (7) str.	2-3/4	P162
CFT 2 X		3	X163