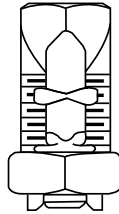


# ALUMINUM SPLIT BOLT CONNECTORS

## • TYPE SW

For aluminum to aluminum, copper to aluminum, and copper to copper



Made from high strength copper alloy—highly resistant to corrosion and season cracking. The design provides, under torque, high contact pressure between conductors.

Electro-tin plated bolt, nut, spacer and pressure bar.

We recommend using Penn-Union Cual-Aid®, an oxide inhibiting compound, with this connector. When connecting aluminum or ACSR wires, wire brush the conductor with Cual-Aid #11C.

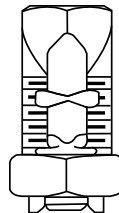
Part #	Copper and Aluminum			ACSR		GUY Str.	Copperweld Max.		Wire Diameter Range‡	Recommended Torque (in.-lb.)
	Range of Equal Main and Tap		Min. Tap With One	Range of Main or Tap			Str.	Type A		
	Min.	Max.	Max. Main	Min.	Max.				in.	
SW3	14 Str.	8 Str.	14 Str.	—	8	5/32	—	—	.073-.146	165
SW4	10 Str.	6 Str.	10 Sol.	—	6	7/32	3 No. 12	8A	.116-.184	165
SW5▲	8 Sol.	4 Str.*	8 Sol.	6	4	1/4	3 No. 9	5A	.128-.258	275
SW6▲	8 Sol.	2 Str.	8 Sol.	6	2	5/16	3 No. 7	3A	.128-.316	275

‡ For conversion to metric range, see page F-65.  
 ▲ RUS accepted.  
 \*UL486A listed with 2 sol cu.



# COPPER ALLOY-BODIED SPLIT BOLT CONNECTORS • TYPE SW

For copper to copper\*



Made from high strength copper alloy—highly resistant to corrosion and season cracking. The design provides, under torque, high contact pressure between conductors.

Electro-tin plated bolt, nut, spacer and pressure bar.

Part #	UL Listed Copper Range*			Aluminum Range Not UL Listed		Copperweld Max. Str.	Wire Diameter Range‡	Recommended Torque (in.-lb.)
	Range of Equal Main and Tap		Min. Tap With One	Aluminum	ACSR			
	Min.	Max.	Max. Main			In.		
SW1▲	16 Str.	10 Str.	16 Str.	16 Str.-10 Str.	—	—	.057- .116	80
SW2▲	16 Str.	8 Str.	16 Str.	16 Str.-8 Str.	—	—	.057- .145	80
SW7▲	6 Sol.	1/0 Str.	10 Sol.	6 Sol.-1/0 Str.	6-1	3 No. 6	.162- .375	385
SW8▲	6 Str.	2/0 Str.	10 Sol.	6 Str.-2/0 Str.	6-1/0	3 No. 5	.184- .419	385
SW9A	4 Str.	3/0 Str.	6 Sol.	4 Str.-3/0 Str.	6-2/0	7 No. 7	.198- .470	500
SW10	4 Str.	250 MCM	4 Str.	4 Str.-250 MCM	4-4/0	7 No. 5	.232- .575	650
SW11	3/0 Str.	350 MCM	1 Sol.	3/0 Str.-350 MCM	2/0-350	19 No. 7	.447- .682	650
SW12	3/0 Str.	500 MCM	1/0 Str.	3/0 Str.-500 MCM	2/0-477 18/1	19 No. 6	.447- .815	825
SW13	250 MCM	750 MCM	2/0 Str.	250-750 MCM	4/0-666.6	19 No. 5	.563- .999	1000
SW14	350 MCM	1000 MCM	4/0 Str.	350-1000 MCM	300-900	—	.682-1.162	1100

\* Can be used on aluminum conductor, however they are not UL Listed for that application.  
 ‡ For conversion to metric range, see page F-65.  
 ▲ RUS accepted.

