



SPLIT BOLT CONNECTORS

COPPER TO COPPER AND BIMETALLIC CONNECTIONS

KEY FEATURES

- Range taking up to 500 kcmil
- It has free running threads
- Easy to install with industry standard tools
- Suitable with both aluminum and copper conductors
- Designed for easy gripping with wrench while applying torque load.
- UL, CSA listed for direct burial

TE Connectivity's (TE) Split Bolt Connectors are designed for applications up to 35 kV. They are manufactured from high strength copper alloy, ensuring high power conductivity. TE's Split Bolt Connectors are resistant to corrosion and cracking in harsh conditions.

They are suitable for use with copper to copper (TCSB) and combination of copper to aluminum conductor (TCSBB) up to 500 kcmil size.

TCSBB split bolt connectors are tin plated and have a spacer. The spacer is contoured for superior accommodation & grip.

Oxide inhibitor must be used with aluminum conductors.

Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.

Split Bolt Connectors



PRODUCT SELECTION INFORMATION

Part Code	Max Run	Max Tap	Min Run	Min Tap	Max Run	Min Tap	Minimum Equal		Torque Values
	RUN	TAP	RUN	TAP	Run	Tap	Run	Tap	Lb-In (Nm)
Cu-Cu Connection									
TCSB-15	8 STR	8 STR	10 STR	16 STR	8 STR	16 STR	10 STR	10 STR	80 (9.0)
	8 SOL	8 SOL	10 SOL	16 SOL	8 SOL	16 SOL	10 SOL	10 SOL	
TCSB-17	6 SOL	6 SOL	8 STR	16 STR	6 SOL	16 SOL	8 STR	8 STR	165 (18.6)
			8 SOL	16 SOL			8 SOL	8 SOL	
TCSB-20	6 STR	6 STR	8 STR	14 STR	6 STR	14 STR	8 STR	8 STR	165 (18.6)
	6 SOL	6 SOL	8 SOL	14 SOL	6 SOL	14 SOL	8 SOL	8 SOL	
TCSB-23	2 STR	2 STR	6 STR	14 STR	2 STR	14 STR	6 STR	6 STR	275 (31.0)
	2 SOL	2 SOL	6 SOL	14 SOL	2 SOL	14 SOL	6 SOL	6 SOL	
TCSB-25	1/0 STR	1/0 STR	2 STR	14 STR	1/0 STR	14 STR	4 STR	4 STR	385 (43.5)
	1/0 SOL	1/0 SOL	2 SOL	14 SOL	1/0 SOL	14 SOL	4 SOL	4 SOL	
TCSB-26	2/0 STR	2/0 STR	1 STR	14 STR	2/0 STR	14 STR	2 STR	2 STR	385 (43.5)
	2/0 SOL	2/0 SOL	1 SOL	14 SOL	2/0 SOL	14 SOL	2 SOL	2 SOL	
TCSB-27	3/0 STR	3/0 STR	2/0 STR	8 STR	3/0 STR	8 STR	1 STR	1 STR	500 (56.5)
	3/0 SOL	3/0 SOL	-		3/0 SOL	8 SOL	1 SOL	1 SOL	
TCSB-29	250 STR	250 STR	4/0 STR	8 STR	250 STR	8 STR	1 STR	1 STR	650 (73.4)
			4/0 SOL	8 SOL			250 STR	1 SOL	
TCSB-31	350 STR	350 STR	350 STR	1/0 STR	350 STR	1/0 STR	2/0 STR	2/0 STR	650 (73.4)
			350 SOL	1/0 SOL			2/0 SOL	2/0 SOL	
TCSB-34	500 STR	500 STR	500 STR	2/0 STR	500 STR	2/0 STR	300 STR	300 STR	825 (93.2)
			500 SOL	2/0 SOL			300 STR	300 STR	
Cu-Al and Al-Al Connection									
TCSBB-17	6 SOL	6 SOL	8 STR	14 STR	6 SOL	14 STR	8 STR	8 STR	165 (18.6)
			8 SOL	14 SOL			8 SOL	8 SOL	
TCSBB-20	6 STR	6 STR	8 STR	10 STR	6 STR	10 STR	8 STR	8 STR	165 (18.6)
	6 SOL	6 SOL	8 SOL	10 SOL	6 SOL	10 SOL	8 SOL	8 SOL	
TCSBB-23	2 STR	2 STR	6 STR	14 STR	2 STR	14 STR	6 STR	6 STR	275 (31.0)
	2 SOL	2 SOL	6 SOL	14 SOL	2 SOL	14 SOL	6 SOL	6 SOL	
TCSBB-25	1/0 STR	1/0 STR	2 STR	10 STR	1/0 STR	10 STR	4 STR	4 STR	385 (43.5)
	1/0 SOL	1/0 SOL	2 SOL	10 SOL	1/0 SOL	10 SOL	4 SOL	4 SOL	
TCSBB-26	2/0 STR	2/0 STR	1 STR	8 STR	2/0 STR	8 STR	2 STR	2 STR	385 (43.5)
	2/0 SOL	2/0 SOL	1 SOL	8 SOL	2/0 SOL	8 SOL	2 SOL	2 SOL	
TCSBB-27	3/0 STR	3/0 STR	2/0 STR	8 STR	3/0 STR	8 STR	1 STR	1 STR	500 (56.5)
	3/0 SOL	3/0 SOL	2/0 SOL	8 SOL	3/0 SOL	8 SOL	1 SOL	1 SOL	
TCSBB-29	250 STR	250 STR	4/0 STR	8 STR	250 STR	8 STR	1 STR	1 STR	650 (73.4)
			4/0 SOL	8 SOL			250 STR	1 SOL	
TCSBB-31	350 STR	350 STR	350 STR	1/0 STR	350 STR	1/0 STR	2/0 STR	2/0 STR	650 (73.4)
			350 SOL	1/0 SOL			2/0 SOL	2/0 SOL	
TCSBB-34	500 STR	500 STR	400 STR	2/0 STR	500 STR	2/0 STR	300 STR	300 STR	825 (93.2)
			400 SOL	2/0 SOL			300 STR	300 STR	



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