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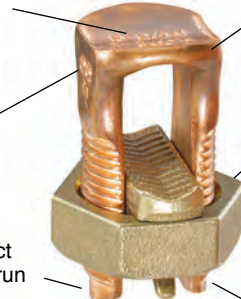**PANDUIT**®   **Industrial Electrical Solutions**

Features and Benefits – Pan-Lug™ Mechanical Connectors

Copper Split Bolt Connectors

Part number and conductor range marked on part for easy identification

Hex head with large wrench flats for easy assembly

Waxed body to prohibit binding of contact pad or nut

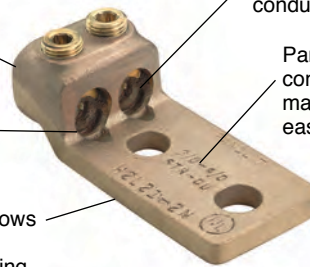250 kcmil and larger sizes have contact serrations for higher pull-out strength

Extra-long body available to connect two taps with one run

Made from high strength copper alloy

Cast Copper Connectors

Made from high strength copper alloy

Inspection windows to assure complete conductor insertion

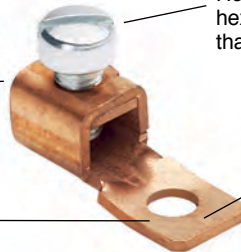Serrated barrel available for high pull-out strength

Part number and conductor range marked on part for easy identification

Flat bottom allows full contact surface mounting

Stamped and Formed Copper Connectors

Made from high strength, electrolytic copper alloy

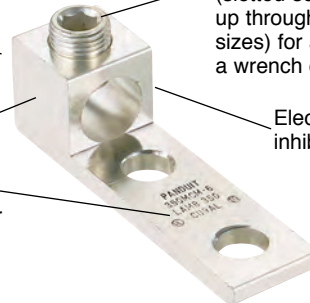Hex head or internal hex bolt for sizes larger than 1/0 AWG

Part number and conductor range marked on part for easy identification

Two styles of tongues available: fixed and floating

Aluminum Connectors

Dual rated for aluminum or copper conductors

Hex socket set screw (slotted set screw used up through 2/0 AWG sizes) for assembly with a wrench or screwdriver

Made from high strength, extruded aluminum alloy

Electro tin-plated to inhibit corrosion

Part number and conductor range marked on part for easy identification

Multi-Tap Connectors

Hex socket set screws (slotted set screw for smallest size) for assembly with a wrench or screwdriver

Pre-insulated aluminum body to eliminate the need for taping

Dual-sided conductor entry

Clear PVC insulation for visual inspection of the complete conductor insertion

Factory pre-filled with oxide inhibitor to prevent oxidation

Made from high strength, extruded aluminum alloy

Available with two isolated mounting holes at either end of connector to facilitate direct mounting using 1/4" bolts.
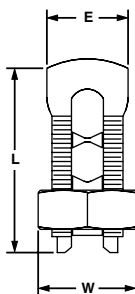
Order number of pieces required, in multiples of Standard Package Quantity.

Split Bolt, Copper, Tin-Plated

For Specified Combinations of Copper and Aluminum Code Conductors

Type SBCT

- Made from high strength copper alloy to provide premium electrical and mechanical performance
- Tin-plated to inhibit corrosion and oxidation
- Offered with dual rating for use with aluminum or copper conductors
- Wide wire range-taking capability minimizes inventory requirements

- Nut hex provides correct fit with socket, box, or open end wrenches resulting in proper torquing of electrical connection
- Free floating pressure bar separates conductors of dissimilar materials for secure connection on a full range of conductor combinations
- UL Listed and CSA Certified for use up to 600 V and UL temperature rated 90°C

| Part Number | Copper and Aluminum Code Conductor | | | ACSR Range | Max. Conductor | Figure Dimensions (In.) | | | Std. Pkg. Qty. |
| | Range of Equal Run and Tap | | Min. Tap with One Max. Run | | Copperweld | | | | |
	Min.	Max.			STR	E	W	L	
UL Listed and CSA Certified with Copper and Aluminum Conductors									
SBCT8-C	#8 STR	#6 SOL	#14 STR	—	—	0.41	0.62	1.06	100
SBCT6-C	#6 STR	#10 STR	#10 STR	—	—	0.49	0.68	1.10	100
SBCT3-C	#8 STR	#4 STR	#10 STR	—	—	0.58	0.81	1.24	100
SBCT2-C	#6 STR	#2 STR	#14 STR	—	—	0.60	0.86	1.45	100
SBCT1/0-L	#4 STR	1/0 STR	#10 STR	—	—	0.75	0.93	1.73	50
SBCT2/0-Q	#2 STR	2/0 STR	#8 STR	—	—	0.79	1.05	1.71	25
UL Listed and CSA Certified with Copper Code Conductors Only									
SBCT10-C	#16 STR	#10 STR	#16 STR	—	—	0.38	0.49	0.87	100
SBCT3/0-Q	#1 STR	3/0 STR	#8 STR	—	—	0.75	1.25	2.12	25
SBCT250-Q	#1 STR	250 kcmil	#8 STR	—	—	1.03	1.36	2.22	25
SBCT350-1	2/0 STR	350 kcmil	1/0 STR	—	—	1.17	1.49	2.55	1
SBCT500-1	300 kcmil	500 kcmil	2/0 STR	—	—	1.32	1.74	2.95	1
SBCT750-1	2/0 STR	750 kcmil	2/0 STR	4/0 – 666.6	19 No. 5	1.93	2.11	3.78	1
SBCT1000-1	4/0 STR	1000 kcmil	4/0 STR	300 – 900	—	2.29	2.53	4.02	1

The use of Panduit oxide inhibiting joint compound (CMP-100) is recommended. See pages D2.91.

Order number of pieces required, in multiples of Standard Package Quantity.