

Deadends — Bolted

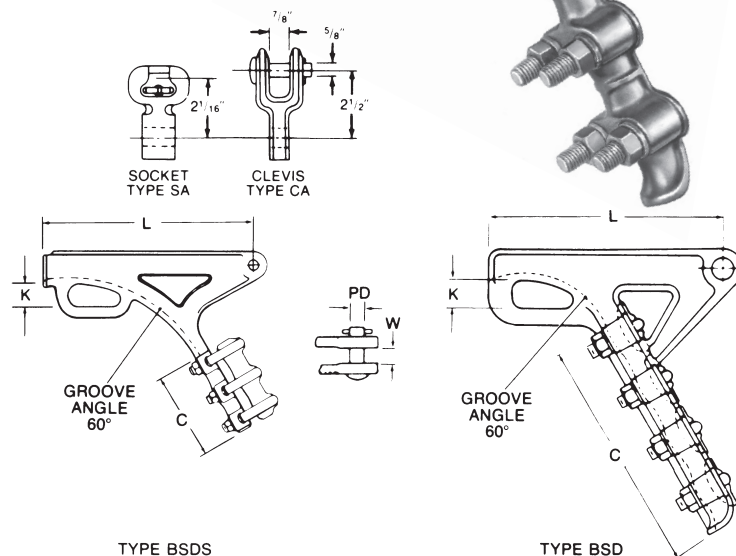
Quadrant Strain Clamp Bronze

For heavy duty application using copper or Copperweld® conductor.

Material: Body – high strength aluminum bronze alloy
 Keeper – electrical bronze
 Hardware – galvanized steel
 Sockets and Clevises – galvanized ductile iron

Product Data and Conductor Size

Catalog Number	Dimensions Inches (mm)				
	L	W	C	K	PD
BSD55	10 (254)	11/16 (17.46)	7-1/2 (190.50)	1-1/4 (31.75)	5/8 (15.88)
BSD68	11 (279.40)	3/4 (19.05)	9-1/2 (241.30)	1-5/16 (33.34)	5/8 (15.88)
BSD84	12 (304.80)	1 (25.40)	12 (304.80)	1-1/4 (31.75)	5/8 (15.88)
BSD112	13-1/8 (333.38)	1-3/8 (34.93)	8-1/4 (209.60)	1-1/2 (38.10)	3/4 (19.05)
BSD130	14 (355.60)	1-7/16 (36.51)	9-1/2 (241.30)	1-23/32 (43.7)	3/4 (19.05)



BRONZE
BSD

Product Data and Conductor Size

Catalog Number	Fitting		Clamping Range		Ultimate Body Strength lbs. (kn)	U-Bolts		Approx. Weight Each lb (kg)
	Type	Catalog Number	Copper	Inches (mm)		No	Size Inches (mm)	
BSD55N BSD55S BSD55C	None Socket Clevis	-- SA04 CA04	#4 Sol.-4/0 Str.	.200-.500 (5.08-13.97)	18,000 (80)	3	1/2 (12.70)	6.4 (2.90) 7.7 (3.49) 7.2 (3.27)
BSD68N BSD68S BSD68C	None Socket Clevis	-- SA04 CA04	1/0 Sol.-350-19 Str.	.300-.680 (7.62-17.27)	25,000 (111) 20,000 (89) 18,000 (80)	4	1/2 (12.70)	8.7 (3.95) 10.0 (4.54) 10.0 (4.54)
BSD84N BSD84S BSD84C	None Socket Clevis	-- SA06 CA06	4/0 Str.-500 MCM	.475-.840 (12.07-21.34)	25,000 (111) 25,000 (111) 25,000 (111)	4	1/2 (12.70)	12.7 (5.76) 14.0 (6.35) 14.4 (6.53)
BSD112N BSD112S BSD112C	None Socket Clevis	-- SA1013 CA1013	400-1000 MCM	.710-1.15 (18.03-29.21)	35,000 (156) 30,000 (133) 25,000 (111)	5	1/2 (12.70)	14.8 (6.71) 16.3 (7.39) 16.8 (7.62)
BSD130N BSD130S BSD130C	None Socket Clevis	-- SA1113 CA1013	400-1500 MCM	.710-1.42 (18.03-36.07)	35,000 (156) 30,000 (133) 25,000 (111)	5	5/8 (15.88)	24.5 (11.11) 26.0 (11.79) 26.5 (12.02)

- NOTES:** (1) Sag Eye Ultimate Strength is 60% of Ultimate Body Strength without fitting.
 (2) Rated slip strength as a % of conductor RBS varies with conductor type, size and stranding. Minimum slip strength rating on standard strength conductors is 40% RBS (Partial Tension). For many standard strength conductors, minimum slip strength of this clamp series is 60% RBS (Normal Tension). (Consult factory for slip strength test data on specific clamp & conductor combinations.)
 (3) Recommended torque on u-bolts: 1/2" -- 480 in-lbs., 5/8" -- 720 in-lbs.
 (4) Bolt and Nut may be substituted for clevis pin by adding suffix "BNK" to catalog number.