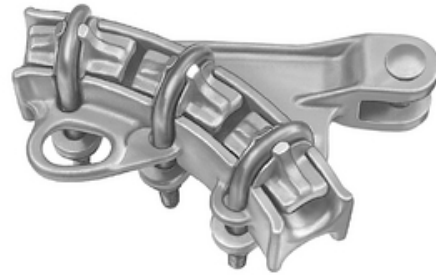


Quadrant Strain Clamp - Copper Substation Cable Bus

By ANDERSON
Catalog # [BR1100S](#)

Bronze quadrant strain clamps are primarily used for deadending copper substation cable bus. When installing, cable will slide freely under the U-bolts. If preferred, U-bolts may be removed and cable laid in clamp grooves from the side. The clamps are compact for greatest phase clearance.



*Representative Image

Features

- Bronze Quadrant Strain Clamp Deadend
- Clamping range: 500-1000MCM or 0.811"-1.152"
- ULT 15,000lbs
- Type BR1 is designed for single cable
- The Sag Eye Ultimate Strength is 60% of the Ultimate Body Strength without fitting
- 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 and conductor combinations
- Bolt and Nut may be substituted for clevis pin by adding suffix "BNK" to catalog number. Example: BR1100SBNK
- Bolt and clevis pin will be the same diameter
- The "S" suffix indicates the component will come supplied with socket eye SA06

General

Bolt Installation Torque (Recommended)	480 in-lbs
EU RoHS Indicator	No
Fitting Type	Socket
Material - Body	Bronze Alloy
Material - Hardware	Galvanized Steel
Material - Keeper	High Strength Bronze
Material - Pin (Cotter)	Stainless Steel
Material - Socket and Clevis	Galvanized Ductile Iron
Product Category	Quadrant
Strength Rating - Ultimate	15000 lb
Body	
Style	BR1
Type	Bolted
U-Bolts	3 in
UPC	096359292272

Dimensions

Clamping - Maximum	1.152 in
Clamping - Minimum	0.811 in
Clevis Opening	0.9375 in
Diameter - Clevis Pin	0.625 in
Height	3.88 in
Length	9.13 in
Weight	10.5 lb

Electrical Ratings

Voltage Application	Standard
---------------------	----------

Conductor Related

Clamping Range	0.811- 1.152
----------------	--------------

Certifications And Compliance

Industry Standard(s)	ANSI C119.4
----------------------	-------------

Logistics

Pallet Quantity	81
-----------------	----

Product Assets

[Catalogs - Transmission Connectors Catalog - Full Literature - Ropes Course Industry Letter \(April 2021\)](#)
[Video - Bolted Deadend](#)



A Hubbell brand

©2024 Hubbell Incorporated. All rights reserved
AN-BR1100S-SPEC-EN | REV 6/2024