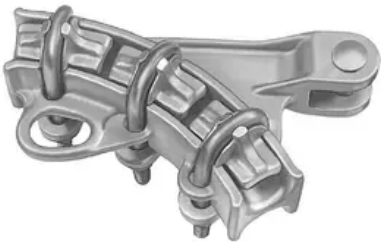


Quadrant Strain Clamp - Copper Substation Cable Bus

By ANDERSON
Catalog # [BR1025C](#)



*Representative Image

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.

Features

- Bronze Quadrant Strain Clamp Deadend
- Clamping range: 2/O Sol. to 250-19 Str. or 0.365"-0.574"
- ULT 8,000lbs
- 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: BR1025CBNK
- Bolt and clevis pin will be the same diameter
- The "C" suffix indicates the component will come supplied with clevis eye CA06

General

Bolt Installation Torque (Recommended)	240 in-lbs
Catalog Number	BR1025C
EU RoHS Indicator	No
Fitting Type	Clevis
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 Body	8000 lb

Style	BR1
Type	Bolted
U-Bolts	3 in
UPC	096359292203

Dimensions

Clamping - Maximum	0.574 in
Clamping - Minimum	0.365 in
Clevis Opening	0.9375 in
Diameter - Clevis Pin	0.625 in
Height	3.17 in
Length	8.06 in
Weight	7.1 lb

Electrical Ratings

Voltage Application	Standard
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Conductor Related

Clamping Range	0.365- 0.574
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Certifications And Compliance

Buy America(n) Qualified	TAA Compliant (All status valid till December 2024)
Industry Standard(s)	ANSI C119.4

Logistics

Pallet Quantity	240
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Product Assets

[Catalogs - Transmission Connectors Catalog - Full Literature - Ropes Course Industry Letter \(April 2021\)](#)
[Specifications - BR1025C](#)
[Video - Bolted Deadend](#)