

Quadrant Strain Clamp - Aluminum

By ANDERSON  
Catalog # SD130SA15503

For transmission line construction with all aluminum, ACSR or aluminum alloy conductor or for Alumoweld shield wire.

Features

- "Type SD 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: SD130SBNK
- Bolt and clevis pin will be the same diameter
- The "S" suffix indicates the component will come supplied with socket eye SA15503
- Socket SA15503 is rated for a connection to an ANSI class 52-8/52-11 insulator
- For Corona Free applications on EHV lines, add suffix "CRF" to catalog number. Example: SD130SCRF"

General

Bolt Installation Torque (Recommended)	720 in-lbs
Catalog Number	SD130SA15503
EU RoHS Indicator	No
Fitting Type	Socket
Material - Body	Aluminum Alloy
Material - Hardware	Galvanized Steel
Material - Keeper	Aluminum Alloy
Material - Pin (Cotter)	Stainless Steel
Material - Socket and Clevis	Galvanized Ductile Iron
Product Category	Bolted Deadend - Quadrant



Strength Rating - Ultimate	30000 lb
Body	
Style	SD
Type	Bolted
U-Bolts	5
UPC	096359325277

Dimensions

Clamping - Maximum	1.39 in
Clamping - Minimum	0.7 in
Clevis Opening	1.438 in
Diameter - Clevis Pin	0.75 in
Diameter - Eye Hole	1.5 in
Height	13.13 in
Length	14 in
Weight	16.7 lb

Electrical Ratings

Voltage Application	Standard
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Conductor Related

Clamping Range	0.70- 1.39
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Logistics

Carton Quantity	48
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Product Assets

[Catalogs - Transmission Connectors Catalog - Full Literature - Ropes Course Industry Letter \(April 2021\)](#)  
[Sales Drawings - SD Product Family](#)  
[Specifications - SD130SA15503](#)  
[Video - Bolted Deadend](#)