

# HUBBELL

## Power Systems

### Quadrant Strain Clamp - Aluminum

By ANDERSON

Catalog # [SD155SA1550](#)

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: SD155SBNK
- Bolt and clevis pin will be the same diameter
- The "S" suffix indicates the component will come supplied with socket eye SA1550
- Socket SA1550 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: SD155SCRF"

#### General

Bolt Installation Torque (Recommended)	720 in-lbs
Catalog Number	SD155SA1550
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 Body	35000 lb
Style	SD
Type	Bolted
U-Bolts	5
UPC	096359325352

#### Dimensions

Clamping - Maximum	1.55 in
Clamping - Minimum	1.18 in
Clevis Opening	2 in
Diameter - Clevis Pin	0.75 in
Diameter - Eye Hole	1.5 in
Height	15.75 in
Length	15.5 in
Weight	18.5 lb

#### Electrical Ratings

Voltage Application	Standard
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#### Conductor Related

Clamping Range	1.18- 1.55
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#### Logistics

Pallet 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](#)  
[Video - Bolted Deadend](#)



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