

Quadrant Strain Clamp - Aluminum

By ANDERSON
Catalog # [SD130S](#)



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

*Representative Image

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 SA1013
- 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	SD130S
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 in
UPC	096359325260

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	13.289 lb

Electrical Ratings

Voltage Application	Standard
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Conductor Related

Clamping Range	0.70- 1.39
Conductor Compatibility	ACSR-Linnet-336.4-26/7;ACSR-Oriole-336.4-30/7;ACSR-Chickadee-397.5-18/1;ACSR-Brant-397.5-24/7;ACSR-Ibis-397.5-26/7;ACSR-Lark-397.5-30/7;ACSR-Pelican-477-18/1;ACSR-Flicker-477-24/7;ACSR-Hawk-477-26/7;ACSR-Hen-477-30/7;ACSR-Osprey-556.5-18/1;ACSR-Parakeet-556.5-24/7;ACSR-Dove-556.5-26/7;ACSR-Eagle-556.5-30/7;ACSR-Peacock-605-24/7;ACSR-Squab-605-26/7;ACSR-Teal-605-30/19;ACSR-Kingbird-636-18/1;ACSR-Swift-636-36/1;ACSR-Rook-636-24/7;ACSR-Grosbeak-636-26/7;ACSR-Egret-636-30/19;ACSR-Flamingo-666.6-24/7;ACSR-Gannet-666.6-26/7;ACSR-Stilt-715.5-24/7;ACSR-Starling-715.5-26/7;ACSR-Redwing-715.5-30/19;ACSR-Coot-795-36/1;ACSR-Cuckoo-795-24/7;ACSR-Drake-795-26/7;ACSR-Tern-795-45/7;ACSR-Condor-795-54/7;ACSR-Mallard-795-

30/19;ACSR-Ruddy-900-
45/7;ACSR-Canary-900-
54/7;ACSR-Rail-954-
45/7;ACSR-Cardinal-954-
54/7;ACSR-Ortolan-1033.5-
45/7;ACSR-Curlew-1033.5-
54/7;ACSR-Bluejay-1113-
45/7;ACSR-Finch-1113-
54/19;ACSR-Bunting-1192.5-
45/7;ACSR-Grackle-1192.5-
54/19;ACSR-Bittern-1272-
45/7;ACSR-Pheasant-1272-
54/19;ACSR-Dipper-1351.5-
45/7;ACSR-Brahma-203.2-
16/19;AAC-Canna-397.5-
19;AAC-Cosmos-477-19;AAC-
Syringa-477-37;AAC-Zinnia-
500-19;AAC-Hyacinth-500-
37;AAC-Dahlia-556.5-19;AAC-
Mistletoe-556.5-37;AAC-
Meadowsweet-600-37;AAC-
Orchid-636-37;AAC-Flag-700-
61;AAC-Violet-715.5-37;AAC-
Nasturtium-715.5-61;AAC-
Cattail-750-61;AAC-Arbutus-
795-37;AAC-Lilac-795-61;AAC-
Cockscomb-900-37;AAC-
Snapdragon-900-61;AAC-
Magnolia-954-37;AAC-
Goldenrod-954-61;AAC-

Camellia-1000-61;AAC-
Bluebell-1033.5-37;AAC-
Larkspur-1033.5-61;AAC-
Marigold-1113-61;AAC-
Hawthorn-1192.5-61;AAC-
Narcissus-1272-61;AAC-
Columbine-1351.5-61;AAC-
Carnation-1431-61;ACAR-653.1-
12/7;ACAR-739.8-18/19;ACAR-
853.7-30/7;ACAR-1024.5-
30/7;ACAR-1081-18/19;ACAR-
1109-30/7;ACAR-1172-
30/7;ACAR-1172-18/19;ACAR-
1197-30/7

Certifications And Compliance

Buy America(n) Qualified	TAA Compliant (All status valid till December 2024)
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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](#)
[Specifications - SD130S](#)
[Video - Bolted Deadend](#)



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