

HUBBELL

Power Systems

Quadrant Strain Clamp - Aluminum

By ANDERSON
Catalog # [SD112C](#)

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: SD112CBNK
- Bolt and clevis pin will be the same diameter
- The "C" suffix indicates the component will come supplied with clevis eye CA1013
- For Corona Free applications on EHV lines, add suffix "CRF" to catalog number. Example: SD112CCRF"

General

Bolt Installation Torque (Recommended)	480 in-lbs
Catalog Number	SD112C
EU RoHS Indicator	No
Fitting Type	Clevis
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	25000 lb
Style	SD
Type	Bolted
U-Bolts	5 in
UPC	096359325147

Dimensions

Clamping - Maximum	1.2 in
Clamping - Minimum	0.5 in
Clevis Opening	1.375 in
Diameter - Clevis Pin	0.75 in
Diameter - Eye Hole	1.38 in
Height	11.5 in
Length	13.13 in
Weight	9.614 lb

Electrical Ratings

Voltage Application	Standard
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Conductor Related

Clamping Range 0.50- 1.20
Conductor Compatibility ACSR-Turkey-6-6/1;ACSR-Pigeon-3/0-6/1;ACSR-Waxwing-266.8-18/1;ACSR-Partridge-266.8-26/7;ACSR-Ostrich-300-26/7;ACSR-Merlin-336.4-18/1;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-Brahma-203.2-16/19;AAC-Oxlip-4/0-7;AAC-Valerian-250-19;AAC-Laurel-266.8-19;AAC-Daffodil-350-19;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-

Logistics

Pallet Quantity 72

Product Assets

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

Bluebell-1033.5-37;AAC-
Larkspur-1033.5-61;AAAC 6201
Alloy-Amherst-195.7-
6/18;AAAC 6201 Alloy-Alliance-
246.9-6/18;ACAR-653.1-
12/7;ACAR-739.8-18/19;ACAR-
853.7-30/7;ACAR-1024.5-
30/7;ACAR-1081-18/19



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