

Quadrant Strain Clamp - Aluminum

By ANDERSON
Catalog # [SD86S](#)

For tranmission 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: SD86SBNK
- Bolt and clevis pin will be the same diameter
- The "S" suffix indicates the component will come supplied with socket eye SA07
- For Corona Free applications on EHV lines, add suffix "CRF" to catalog number. Example: SD86SCRF"

General

Bolt Installation Torque (Recommended)	480 in-lbs
Catalog Number	SD86S
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	25000 lb
Body	
Style	SD
Type	Bolted
U-Bolts	4 in
UPC	096359325581

Dimensions

Clamping - Maximum	0.94 in
Clamping - Minimum	0.46 in
Clevis Opening	1.063 in
Diameter - Clevis Pin	0.625 in
Diameter - Eye Hole	1.25 in

Height	9.63 in
Length	11.25 in
Weight	5.52 lb

Electrical Ratings

Voltage Application	Standard
---------------------	----------

Conductor Related

Clamping Range	0.46- 0.94
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-Kingbird-636-18/1;ACSR-Swift-636-36/1;ACSR-Brahma-203.2-16/19;AAC-Phlox-3/0-7;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;AAAC 6201 Alloy-Amherst-195.7-6/18;AAAC 6201 Alloy-Alliance-246.9-6/18;ACAR-653.1-12/7

Certifications And Compliance

Buy America(n) Qualified TAA Compliant (All status valid till December 2024)

Logistics

Pallet Quantity 144

Product Assets

- Catalogs - [Transmission Connectors Catalog - Full](#)
- Literature - [Ropes Course Industry Letter \(April 2021\)](#)
- Sales Drawings - [SD Product Family](#)
- Specifications - [SD86S](#)
- Video - [Bolted Deadend](#)



A Hubbell brand