

Quadrant Strain Clamp - Aluminum
Substation Cable Bus

By ANDERSON
Catalog # [AR1100S](#)



*Representative Image

Features

- Cable clamping range: 477 (18/1) to 874.5 (54/7) ACSR {0.811-1.152 in. dia.}
- Ultimate strength is 15,000 lbs.
- The "S" suffix indicates the component will come supplied with socket eye SA06.
- Type AR1 is designed for single cable.
- Material: Body and Keeper – aluminum alloy, Hardware – galvanized steel, Sockets and Clevises – galvanized ductile iron, and Cotter Pin - #302 stainless steel

General

Bolt Installation Torque (Recommended)	480 in-lbs
Catalog Number	AR1100S
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	Quadrant
Strength Rating - Ultimate	15000 lb
Body	
Style	AR1
Type	Bolted
U-Bolts	3 in
UPC	096359284093

Dimensions

Clamping - Maximum	1.152 in
Clamping - Minimum	0.811 in
Clevis Opening	0.9375 in
Diameter - Clevis Pin	0.625 in
Height	3.88 in
Length	9.13 in
Weight	4.8 lb

Electrical Ratings

Voltage Application	Standard
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Conductor Related

Clamping Range	0.811- 1.152
Conductor Compatibility	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;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;ACAR-653.1-12/7;ACAR-739.8-18/19;ACAR-853.7-30/7

Logistics

Pallet Quantity 216

Product Assets

- Catalogs - Transmission Connectors Catalog - Full
- Literature - Ropes Course Industry Letter (April 2021)
- Specifications - AR1100S
- Video - Bolted Deadend

Certifications And Compliance

Buy America(n) Qualified	Contact Manufacturer
Industry Standard(s)	ANSI C119.4

