

HUBBELL

Power Systems

Strain Clamp, Quadrant, Heavy Duty, T2 Conductor

By ANDERSON
Catalog # [SDT286S](#)

The SDT2 family quadrant strain clamp is designed with double groove keeper to accommodate twin conductor. For transmission line construction with all aluminum, ACSR or aluminum alloy conductor. Clamping Range: 0.398"-0.447"



*Representative Image

Features

- "Type SDT2 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: SDT2185SBNK
- 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: SDT2185SCRF"

General

Bolt Installation Torque (Recommended)	0 ft-lbs
Catalog Number	SDT286S
EU RoHS Indicator	No
Fitting Type	Socket
Material	Aluminum
Material - Body	356 T6 Aluminum Alloy
Material - Hardware	Galvanized Steel
Material - Keeper	356 T6 Aluminum Alloy
Material - Pin (Cotter)	#302 Stainless Steel
Material - Socket and Clevis	Galvanized Ductile Iron
Number of Pad Holes	0
Product Category	Quadrant
Strength Rating - Ultimate	25000 lb
Body	
Style	SDT2
Tension Range	0 lb
Type	Bolted
U-Bolts	4 in
UPC	096359325710

Dimensions

Actual Clamp Strand Diameter Range	0 in
Adjustment Step	0 in
Angle - Pad	0 °
Clamping - Maximum	0 in
Clamping - Minimum	0 in
Diameter - Bolt	0.5 in
Diameter - Clamping Hardware	0 in
Diameter - Clevis Pin	0 in
Diameter - Eye Hole	0 in
Diameter - Inside	0 in
Diameter - Pad Bolt	0 in
Diameter - Pin	0.625 in
Length - Pin	0 in
Messenger Diameter Range	0 - 0
Take Up	0 in
Thickness - Pad	0 in
Total Adjustment	0 in
Weight	6.62 lb

Electrical Ratings

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

Conductor Related

Clamping Range	0 - 0
Conductor Compatibility	ACSR-Raven-1/0-6/1;ACSR-Quail-2/0-6/1;AAC-Aster-2/0-7
Conductor Diameter (Main) - Maximum	0 in
Conductor Diameter (Main) - Minimum	0 in
Conductor Diameter (Main) Range	0 - 0
Conductor Diameter - Maximum	0.447 in
Conductor Diameter - Minimum	0.398 in
Conductor Diameter Range	0.398 - 0.447
Messenger Diameter - Maximum	0 in
Messenger Diameter - Minimum	0 in

Logistics

Carton Quantity	5
-----------------	---

Product Assets

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

