

HUBBELL Power Systems

Connector, Parallel Groove

By ANDERSON
Catalog # [LC833XB](#)

Single Center Bolt Aluminum Parallel Groove Connector with Bonded Copper Liner



*Representative Image

Features

- For aluminum to copper conductor connections only
- Sealant (XB) is recommended on all connections

General

Bolt Head Type	Carriage Bolt
Bolt Installation Torque (Recommended)	480 in-lbs
Catalog Number	LC833XB
Inhibitor Loaded	Yes
Material	Aluminum
Material - Body	Aluminum Alloy
Material - Body Halves	Aluminum Alloy
Material - Bolt	Galvanized Steel
Material - Bottom Member	Aluminum Alloy
Material - Casting	Aluminum Alloy
Material - Hardware	Galvanized Steel
Material - Hex Nut	Galvanized Steel
Material - Keeper	Aluminum Alloy
Material - Spacer	Aluminum Alloy
Material - Tap Liner	Bonded Copper
Material - Washer	Galvanized Steel
Plating	No
Product Category	Mechanical Connectors
Style	Single Center Bolt
Type	Parallel Groove
UPC	096359320050

Dimensions

Bolt Diameter	0.5 in
Dimensions	2.500 in x 2.531 in x 2.750 in
Height	2.75 in
Length	2.5 in
Weight	0.56 lb
Width	2.531 in

Conductor Related

Conductor Compatibility

ACSR-Raven-1/0-6/1;ACSR-Quail-2/0-6/1;ACSR-Pigeon-3/0-6/1;ACSR-Penguin-4/0-6/1;ACSR-Waxwing-266.8-18/1;ACSR-Partridge-266.8-26/7;ACSR-Ostrich-300-26/7;ACSR-Merlin-336.4-18/1;ACSR-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-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-Tulip-336.1-19;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;AAAC 6201 Alloy-Azusa-123.3-6/18;AAAC 6201 Alloy-Anaheim-155.4-6/18;AAAC 6201 Alloy-Amherst-195.7-6/18;AAAC 6201

Certifications And Compliance

UL Listed

No

Logistics

Pallet Quantity

1800

Product Assets

[Catalogs - Distribution Connectors](#)

[Sales Drawings - C-1472](#)

Alloy-Alliance-246.9-
6/18;ACAR-653.1-12/7;ACAR-
739.8-18/19;ACAR-853.7-30/7

Conductor Diameter (Main) - Maximum	1.14 in
Conductor Diameter (Main) - Minimum	0.721 in
Conductor Diameter (Main) Range	0.721 - 1.140
Conductor Diameter (Tap) - Maximum	0.419 in
Conductor Diameter (Tap) - Minimum	0.128 in
Conductor Type	Aluminum/Copper



A Hubbell brand

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