



Penn-Union

Split Bolt Connectors



Features

- Specially designed Pressure Bar provides high pull out strength. Bar moves freely, won't seize when being installed
- Smooth corners on the Pressure Bar and the inside of the connector body prevent scoring on the cables
- Nut spins freely on the threads for quick installation
- Nuts are standard SAE sizes for use with American wrenches
- Pressure Bar is staked inside the nut to prevent it from dislodging when nut is removed from the bolt

Application

Split Bolts are used to mechanically bond copper wires of various sizes. Penn-Union Split Bolts are approved for use in grounding, bonding, electrical and direct burial applications.

Penn-Union Split Bolts are used to bond / join two Copper wires. The chart below lists the wire sizes accepted.

Mfg #	Smallest 2 Wires Part Will Accept	Largest 2 Wires Part Will Accept	Min. Wire Size Can Be Used with Max. Wire Size
MSB2	S2	6 SOL	14 STR
MSB4	S4	8 SOL	16 SOL
MSB6	S6	6SOL	16 SOL
MSB8	S8	8STR	16STR

The size chart below will help you determine the correct size split bolt to use in telecommunication bonding applications:

	Size			
	S2	S4	S6	S8
#6 SOL to #6 SOL	Yes	Yes	Yes	No
#6 SOL to #10 SOL	Yes	Yes	Yes	No
#6 SOL to #12 SOL	No	Yes	Yes	No
#6 SOL to #14 SOL	No	Yes	Yes	No
#10 SOL to #10 SOL	No	No	Yes	Yes
#10 SOL to #12 SOL	No	No	No	Yes
#10 SOL to #14 SOL	No	No	No	Yes
#12 SOL to #12 SOL	No	No	No	Yes
#12 SOL to #14 SOL	No	No	No	Yes
#14 SOL to #14 SOL	No	No	No	Yes

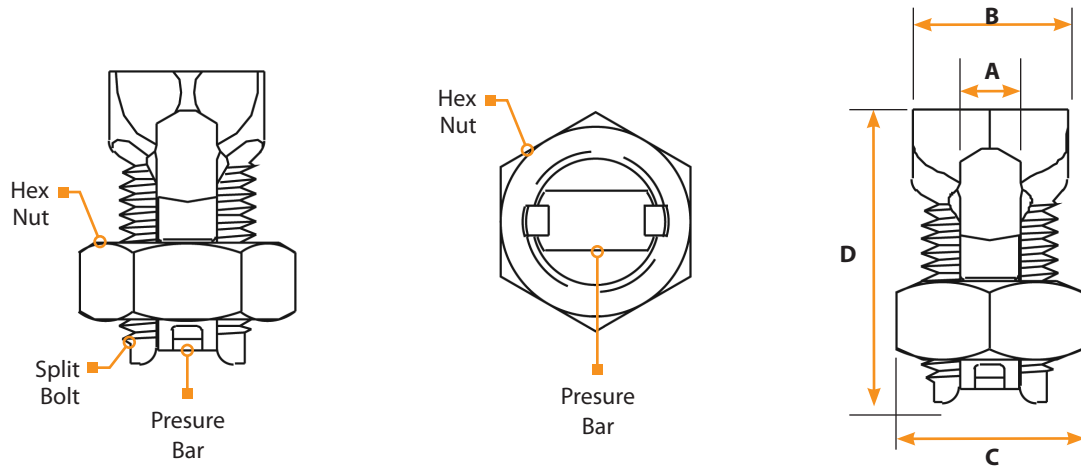
Split Bolt Connectors

Specifications

The body and nut of the split bolt are formed from CDA 956 Bronze alloy

The Pressure Bar is formed from pure Copper

Underwriter Laboratories Listed UL486A



Ordering Information

ARRIS #	Mfg #	Size	Torque Nut to	Thread Size	"A" Inside Width	"B" Head Width	"C" Nut Size	"D" Bolt Height	Std Pkg
209581	MSB2	S2	275 in/lbs	5/8" - 18	3/8"	5/8"	13/16"	15/16"	100
006418	MSB4	S4	165 in/lbs	1/2" - 20	7/32"	1/2"	11/16"	13/64"	100
006413	MSB6	S6	165 in/lbs	7/16" - 20	11/64"	7/16"	5/8"	5/8"	100
209580	MSB8	S8	80 in/lbs	3/8" - 24	9/64"	3/8"	1/2"	1/2"	100

Manufactured in the United States.

The capabilities, system requirements and/or compatibility with third-party products described herein are subject to change without notice. ARRIS, the ARRIS logo, Auspice®, C3™, C4®, C4c™, Cadant®, C-COR®, CHP Max®, ConvergeMedia™, Cornerstone®, CXM™, D5™, Digicon®, Flex Max®, Keystone™, MONARCH®, n5™, nABLE™, nVision®, OpsLogic®, OpsLogic® Service Visibility Portal™, PLEXIS®, PowerSense™, Regal™, ServAssure™, Service Visibility Portal™, TeleWire Supply®, TLX®, Touchstone®, VoiceAssure™, VSM™, and WorkAssure™ are all trademarks of ARRIS Group, Inc. Other trademarks and trade names may be used in this document to refer to either the entities claiming the marks and the names of their products. ARRIS disclaims proprietary interest in the marks and names of others. © Copyright 2009 ARRIS Group, Inc. All rights reserved. Reproduction in any manner whatsoever without the express written permission of ARRIS Group, Inc. is strictly forbidden. For more information, contact ARRIS.

