



# KSA500, Aluminum Split Bolt Connector, Tin Plated

By Burndy  
Catalog # [KSA500](#)



Aluminum Split Bolt, (Run,Tap):: Al-Al: 500 kcmil, 500 kcmil , Al-Cu: 400 kcmil, 2 AWG (Str) , Cu-Cu: 500 kcmil, 2 AWG (Str), Tin Plated.

## Features

- No scratch brushing or oxide inhibitor required
- Provides maximum pressure assuring a secure connection of run and tap conductors
- UL486B Listed
- Low contact resistance, provides equal coefficient of expansion
- Inhibits the reformation of oxides by producing a gas-tight seal

## Application

For All Combinations of Aluminum to Aluminum, Aluminum to Copper and Copper to Copper, Aluminum Alloy Tin Plated

## General

Catalog Number	KSA500
Connector Type	Split Bolt
EU RoHS Indicator	Yes
Hardware Type	1 5/8-12 UN
Installation Torque	825 LBS/in
Recommended in-lb	
Insulation	Y
Material	Aluminum
Plated	Y
Plating Type	Tin
Sub Brand	TRITAP, SERVIT
Temperature Rating	194
Trade Name	TRITAP™ SERVIT®
Type	KSA
UPC	781810153536
UPC 12 Digit	7818101535366

## Dimensions

Dimension - B Length fraction	2-1/2 in
Dimension - B Length inch	2.52 in
Dimension - Bolt Size inch	1.63 in
Dimension - Cross Flats inch	2.00 in
Dimension - Height fraction	1-3/4 in
Dimension - Height inch	1.73 in
Dimension - L Length Overall mm	92 mm
Dimension - Length Overall inch	3.62 in
Dimension - Width inch	2.52 in
Dimension - Width mm	64 mm

## Conductor Related

Conductor - AL Str Run	400 kcmil;450 kcmil;477 kcmil;500 kcmil
Conductor - AL Str Run Range	400 kcmil-500 kcmil
Conductor - AL Str Tap	2 AWG;1 AWG;1/0 AWG;2/0 AWG;3/0 AWG;4/0 AWG;250 kcmil;266 kcmil;300 kcmil;336 kcmil;350 kcmil;397 kcmil;400 kcmil;450 kcmil;477 kcmil;500 kcmil
Conductor - AL Str Tap Range	2 AWG-500 kcmil
Conductor - Copper Solid Tap	2 AWG;1 AWG;1/0 AWG;2/0 AWG;3/0 AWG;4/0 AWG
Conductor - Copper Solid Tap Range	2 AWG-4/0 AWG
Conductor - Copper Str Run	400 kcmil;450 kcmil;500 kcmil
Conductor - Copper Str Run Range	400 kcmil-500 kcmil
Conductor - Copper Str Tap	2 AWG;1 AWG;1/0 ;2/0 AWG;3/0 AWG;4/0 AWG;250 kcmil;300 kcmil;350 kcmil;400 kcmil;450 kcmil;500 kcmil
Conductor - Copper Str Tap Range	2 AWG-500 kcmil
Conductor Size	2 AWG-500 KCMIL
Conductor Type	<ul style="list-style-type: none"> <li>• AL C Str-Run</li> <li>• CU C Str-Run</li> <li>• CU C Solid-Run</li> <li>• AL C Str-Tap</li> <li>• CU C Str-Tap</li> <li>• CU C Solid-Tap</li> </ul>

## Certifications And Compliance

Certification - CSA Approved	Yes
Certification - ETL	No
Certification - UL Listed Direct Burial	No
Certification - UL Recognized	No
Certification - cULus	No
Industry Standard(s)	UL 486A-486B
Standards - Industry Standards Met	UL 486A-486B
Standards - RoHS Compliance Status	CM
UL Listed	Yes

Dimension - Width mm 64 mm

### Electrical Ratings

Rating - Minimum Voltage 600

### Logistics

Carton Quantity 20  
Minimum Pack Quantity 1  
Pallet Quantity 1800

### Product Assets

[Catalogs - Full Line BURNDY Catalog](#)  
[Catalogs - Section A - Mechanical](#)  
[Customer Notices - Prop 65 Notice](#)  
[Product Cross Section Image\(s\) - BUR\\_KSA\\_LineArt](#)  
[Sales Drawings - sd084189](#)



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