

## 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 - Height mm           | 43.9 mm  |
| 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   |

### Electrical Ratings

|                          |     |
|--------------------------|-----|
| Rating - Minimum Voltage | 600 |
|--------------------------|-----|

### 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          |

|                 |      |
|-----------------|------|
| Carton Quantity | 20   |
| Pallet Quantity | 1800 |

### Product Assets

- [Catalogs - BURNDY Master Catalog - Section A - Mechanical](#)
- [Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog](#)
- [Customer Notices - Prop 65 Notice](#)
- [Interactive Catalog - BURNDY Full-Line Digital Catalog](#)
- [Product Cross Section Image\(s\) - BUR\\_KSA\\_LineArt](#)
- [Sales Drawings - sd084189](#)
- [Specifications - KSA500](#)

### Logistics



A Hubbell brand

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