



**SKU:** ALNS-300-12

**UPC:** 0783669687521

**Features & Benefits:**

**Description:** Surecrimp Aluminum Compression Lug, Conductor Size 300, 1 Hole, 1/2in Bolt Size, Long Barrel, No Sight Window, Tin Plated, UL, CSA

## Specs

### Additional Class Attributes

|                           |             |
|---------------------------|-------------|
| Barrel Marking            | Hard        |
| Barrel Type               | Long        |
| Connecting Angle          | 180°        |
| Connection                | Compression |
| Contains DE-OX®           | Yes         |
| Flared End                | No          |
| ILSCOs Die Catalog Number | ILD-470     |
| ILSCOs Die Index Number   | 470         |
| Mounting Hole Type        | Thru        |
| Narrow Tang               | No          |
| Number of Mounting Holes  | 1           |
| Sight Window              | No          |
| Slotted                   | No          |
| Tang End Shape            | Square      |
| Undrilled                 | No          |

### Dimensions

|                              |         |
|------------------------------|---------|
| Barrel Length (IN)           | 1.535   |
| Barrel Length (mm)           | 38.989  |
| Dimension G (IN)             | 0.546   |
| Dimension G (mm)             | 13.8684 |
| Height (IN)                  | 1.05    |
| Height BX (IN)               | 2.25    |
| Height (mm)                  | 26.67   |
| Inside Diameter (IN)         | 0.65    |
| Inside Diameter (mm)         | 16.51   |
| Length (IN)                  | 3.69    |
| Length (mm)                  | 93.726  |
| Mounting Bolt/Stud Size (mm) | 304.8   |
| Mounting Hole Diameter (IN)  | 0.562   |
| Mounting Hole Diameter (mm)  | 14.2748 |
| Mounting Hole Spacing (mm)   | 0       |
| Outside Diameter (IN)        | 1.01    |
| Outside Diameter (mm)        | 25.654  |
| Strip Length (mm)            | 40.5765 |
| Tang Length (IN)             | 1.25    |
| Tang Length (mm)             | 31.75   |
| Tang Thickness (IN)          | 0.36    |
| Tang Thickness (mm)          | 9.144   |

|                 |         |
|-----------------|---------|
| Tang Width (IN) | 1.381   |
| Tang Width (mm) | 35.0774 |
| Weight (LB)     | 0.144   |
| Weight BX (LB)  | 0.81    |
| Width (IN)      | 1.381   |
| Width BX (IN)   | 5       |
| Width (mm)      | 35.0774 |

### Conductor Ranges

|                                                        |                     |
|--------------------------------------------------------|---------------------|
| Conductor Range AL Stranded (Primary, run, main, line) | 300 kcmil           |
| Conductor Range CU Solid (Primary, run, main, line)    | NA                  |
| Conductor Range CU Stranded (Primary, run, main, line) | 300 kcmil           |
| Conductor Range AL Solid (Primary, run, main, line)    | NA                  |
| Expanded Conductor Range                               | 300 kcmil - 2/0 Str |
| Flex Conductor Range                                   | NA                  |

### Material and Finish

|                    |          |
|--------------------|----------|
| Conductor Material | Aluminum |
| Connector Finish   | Tin      |
| Insulation         | NA       |
| Material           | Aluminum |

### Additional Technical Specifications

|                |          |
|----------------|----------|
| Conductor Type | Stranded |
|----------------|----------|

### General

|                             |                |
|-----------------------------|----------------|
| Bag Quantity                | 1              |
| Carton Quantity Description | STD PACK QTY 5 |
| Direct Burial               | No             |
| Dual Rated                  | Yes            |
| NEMA Code                   | S-588-3        |
| UPC Code                    | 78366968752    |

### Bolt and Screw Sizes

|                         |     |
|-------------------------|-----|
| Mounting Bolt/Stud Size | 1/2 |
|-------------------------|-----|

### Testing Standards

|                          |                                                                                                                     |
|--------------------------|---------------------------------------------------------------------------------------------------------------------|
| CSA File Number          | LR-29601                                                                                                            |
| CSA Standard             | C22.2 No. 65-03                                                                                                     |
| NEBS Rating              | NA                                                                                                                  |
| Prop65 Compliance        | This product is in compliance with Prop65. It is not known to contain any chemicals associated with this regulation |
| UL Control Number        | 453G                                                                                                                |
| UL / CULUS Specification | UL 486A/B Listed                                                                                                    |
| UL File Number           | E6207                                                                                                               |

### Environment and Temperature



Temperature Rating

90°C

## Color

Color

Silver

Color Code

Blue

## Voltage

Voltage Rating

35 kV