

YA34L45, Compression Terminal, 500 kcmil, 1-Hole, 5/8" Stud, Standard Barrel, 45 Degree



By Burndy
Catalog # [YA34L45](#)

Copper Compression Lug, 1 Hole w/ Inspection Window, 500 kcmil, 5/8" Stud, Short Barrel, Brown, 20 or 299 index, Tin Plated, 45 Degree Bend.

Features

- Barrel designed with internal chamfer at wire entry for smooth insertion of wire, preventing possible damage of the strands
- Standard barrel length is recommended for installations with limited space availability
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding

Application

Wire Termination

General

| | |
|--------------------------------------|---|
| Catalog Number | YA34L45 |
| Color Code | Brown |
| Connector Type | STANDARD BARREL |
| Die Index | 20 |
| Feature - Barrel Style | <ul style="list-style-type: none"> • Chamfered • Skived |
| Feature - Barrel Type | Standard |
| Finish Type | Tin-Plated |
| Material | COPPER |
| Physical Attribute - Number of Holes | 1 |
| Physical Attribute - Tongue Type | Standard |
| Plated | Y |
| Plating Type | Tin - Electro Plated |
| Trade Name | HYLUG™ |
| Type | Standard Barrel, Tin Plated |
| UPC | 781810159224 |

Dimensions

| | |
|---------------------------------|----------|
| Dimension - B Length fraction | 1-1/4 in |
| Dimension - B Length inch | 1.27 in |
| Dimension - Bolt Hole Size inch | 0.66 in |
| Dimension - Bolt Size fraction | 5/8 |
| Dimension - Bolt Size inch | 0.63 |

| | |
|-----------------------------------|-----------|
| Dimension - D inch | 1.33 in |
| Dimension - Height inch | 2.24 in |
| Dimension - Hole Size fraction | 5/8 |
| Dimension - Hole Size inch | 0.69 |
| Dimension - Hole Size mm | 17.5 mm |
| Dimension - L Length Overall mm | 83 mm |
| Dimension - Length Overall inch | 3.28 in |
| Dimension - N inch | 0.66 in |
| Dimension - Outside Diameter inch | 1.06 in |
| Dimension - Pad Width inch | 1.55 in |
| Dimension - Strip Length inch | 1-7/16 |
| Dimension - Stud Size fraction | 5/8 |
| Dimension - Stud Size inch | 5/8 |
| Dimension - Z (inch) | 0.67 in |
| Physical Attribute - Tongue Angle | 45 Degree |

Electrical Ratings

| | |
|-------------------|-------|
| Voltage - Maximum | 35000 |
| Voltage Rating | 35 kV |

Conductor Related

| | |
|-----------------------------------|-----------|
| Conductor - Copper DLO Size Range | N/A |
| Conductor - Copper Str Size | 500 KCMIL |
| Conductor - Copper Str Size Range | 500 kcmil |
| Conductor - Material | COPPER |
| Conductor Size | 500 KCMIL |
| Conductor Type | CODE |

Certifications And Compliance

| | |
|-------------------------------|--------------|
| Certification - CSA Approved | Yes |
| Certification - ETL | No |
| Certification - UL Recognized | No |
| Certification - cULus | No |
| Industry Standard(s) | UL 486A-486B |

Standards - Industry Standards Met UL467
Standards - RoHS Compliance Status CM
UL Listed Yes

Logistics

Carton Quantity 6
Minimum Pack Quantity 1

Pallet Quantity 5760

Product Assets

[Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog](#)
[Customer Notices - Prop 65 Notice](#)
[Interactive Catalog - BURNDY Full-Line Digital Catalog](#)
[Sales Drawings - se209240-28](#)
[Specifications - YA34L45](#)
[Video - HYDENT Compression Terminal Overview Video](#)



A Hubbell brand