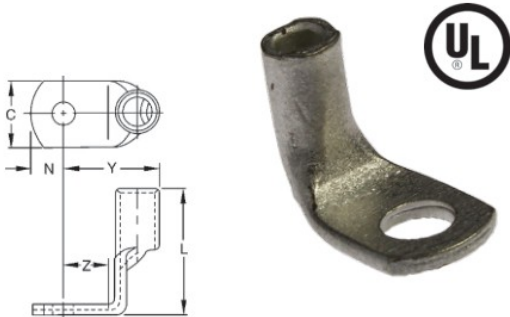


SMALL TERMINALS

Heavy Duty Right Angle Compression Terminals

TYPES YAV-R, YAV-RS HYLUG™



Factory formed right angle HYLUG™ connectors made of seamless pure copper tubing. These rugged terminals withstand the most severe applications. Inspection hole in barrel permits visual check of wire insertion. Tin plated to resist corrosion. Meets requirements of SAE-AS7928.

**NOTE:**  
Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

| Catalog Number | Wire Range (AWG/kcmil) | Stud Size | Dimensions |        |        |        |      | Installation Tooling                                      | Die Index                     | Wire Strip Length |
|----------------|------------------------|-----------|------------|--------|--------|--------|------|-----------------------------------------------------------|-------------------------------|-------------------|
|                |                        |           | C          | L Max. | Y Max. | Z Min. | N    |                                                           |                               |                   |
| YAV18R         | 22-18                  | 8-10      | 0.31       | 0.34   | 0.46   | 0.25   | 0.16 | Non-Ratchet: Y10D<br>Ratchet: Y8MRB1, MR20, MR8G98, MR89Q | B1, B3, B4, B5, B10, B11, B14 | 1/4               |
| YAV14RL33      | 20-14                  | 4-6       | 0.25       | 0.37   | 0.45   | 0.21   | 0.12 |                                                           | B1, B5, B8, B9, B10, B11, B15 |                   |
| YAV14R         |                        | 8-10      | 0.31       | 0.36   | 0.48   | 0.25   | 0.16 |                                                           |                               |                   |
| YAV10R         | 12-10                  | 8-10      | 0.38       | 0.53   | 0.46   | 0.25   | 0.19 |                                                           | B1, B5, B16, B18, B21         | 5/16              |
| YAV10R3BOX     | 12-10                  | 1/4       | 0.47       | 0.55   | 0.50   | .28    | 0.23 |                                                           |                               | 5/16              |

| Catalog Number | Wire Range AWG, AN, Aircraft | Stud Size | Dimensions in Inches |        |        |        |      | Installation Tooling |                     |          | Wire Strip Length | Tool ▲ Number |
|----------------|------------------------------|-----------|----------------------|--------|--------|--------|------|----------------------|---------------------|----------|-------------------|---------------|
|                |                              |           | C                    | L Max. | Y Max. | Z Min. | N    | Aircraft             | HYPRESS™ Y29 Series |          |                   |               |
|                |                              |           |                      |        |        |        |      |                      | Nest                | Indentor |                   |               |
| YAV8CRS        | 8                            | 8-10      | 0.41                 | 0.95   | 0.62   | 0.25   | 0.20 | MY28<br>MY2911       | DV8L*               | Y29PL    | 7/16              | 38            |
| YAV8CRS1       |                              | 1/4       | 0.41                 | 0.95   | 0.65   | 0.28   | 0.20 |                      |                     |          |                   |               |
| YAV8CRS3       |                              | 3/8       | 0.56                 | 0.95   | 0.71   | 0.34   | 0.31 |                      |                     |          |                   |               |
| YAV6CRS1       | 6                            | 8-10      | 0.50                 | 0.98   | 0.67   | 0.28   | 0.25 |                      | DV6L                |          | 1/2               | 39            |
| YAV6CRS        |                              | 1/4       | 0.50                 | 0.98   | 0.67   | 0.28   | 0.25 |                      |                     |          |                   |               |
| YAV6CRS4       |                              | 5/16      | 0.59                 | 0.98   | 0.73   | 0.34   | 0.31 |                      |                     |          |                   |               |
| YAV6CRS2       |                              | 3/8       | 0.59                 | 0.98   | 0.73   | 0.34   | 0.31 |                      |                     |          |                   |               |
| YAV4CRS3       | 4                            | 8-10      | 0.53                 | 1.00   | 0.70   | 0.28   | 0.25 |                      | DV4L                |          | 5/8               | 40            |
| YAV4CRS        |                              | 1/4       | 0.53                 | 1.00   | 0.70   | 0.28   | 0.25 |                      |                     |          |                   |               |
| YAV4CRS4       |                              | 5/16      | 0.62                 | 1.00   | 0.77   | 0.34   | 0.31 |                      |                     |          |                   |               |
| YAV4CRS2       |                              | 3/8       | 0.62                 | 1.00   | 0.77   | 0.34   | 0.31 |                      |                     |          |                   |               |
| YAV2CRS1       | 2                            | 1/4       | 0.68                 | 1.27   | 0.82   | 0.34   | 0.33 |                      | DV2L                |          | 7/8               | 41            |
| YAV2CRS2       |                              | 5/16      | 0.68                 | 1.27   | 0.82   | 0.34   | 0.33 |                      |                     |          |                   |               |
| YAV2CRS        |                              | 3/8       | 0.68                 | 1.27   | 0.82   | 0.34   | 0.33 |                      |                     |          |                   |               |
| YAV1CRS1       | 1                            | 1/4       | 0.73                 | 1.31   | 0.88   | 0.34   | 0.33 |                      | DV1L                |          | 13/16             | 42            |
| YAV1CRS2       |                              | 5/16      | 0.73                 | 1.31   | 0.88   | 0.34   | 0.33 |                      |                     |          |                   |               |
| YAV25RS        | 1/0                          | 3/8       | 0.81                 | 1.35   | 1.01   | 0.44   | 0.39 |                      | DV25L               | Y29PR    | 11/16             | 43            |
| YAV25RS3       |                              | 1/2       | 0.88                 | 1.35   | 1.04   | 0.47   | 0.44 |                      |                     |          |                   |               |
| YAV26RS        | 2/0                          | 3/8       | 0.92                 | 1.58   | 1.00   | 0.47   | 0.39 |                      | DV26L               |          | 7/8               | 44            |
| YAV26RS3       |                              | 1/2       | 0.92                 | 1.58   | 1.00   | 0.47   | 0.39 |                      |                     |          |                   |               |
| YAV27RS        | 3/0                          | 3/8       | 1.02                 | 1.61   | 1.12   | 0.47   | 0.48 |                      | —                   | —        | 7/8               | 45            |
| YAV28RS        | 4/0                          | 3/8       | 1.12                 | 1.75   | 1.15   | 0.47   | 0.48 |                      |                     |          |                   |               |