

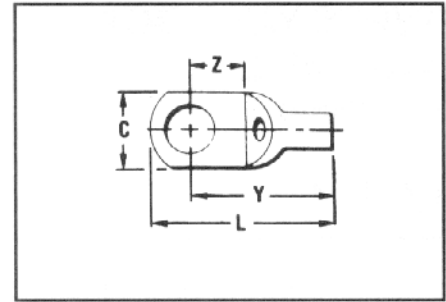
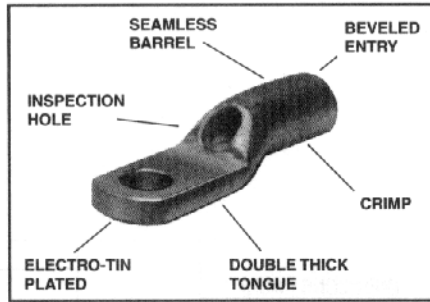
### TYPES YAV-L BOX AND YAV-L

#### HYLUG™

LARGE SIZE UNINSULATED COMPRESSION TERMINALS  
SEAMLESS UNINSULATED COMPRESSION RING  
TONGUE TERMINAL

#8-4/0 STR. COPPER

HYLUG™ Type YAV is a seamless, heavy duty uninsulated compression terminal manufactured from electrolytic copper and is for use on Type AN aircraft cable, extra flexible conductors and commercial (code) conductors. The seamless tubing produces a double thick tongue and seamless barrel design provides a



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strong connector for demanding applications requiring high reliability.

Applications include aircraft, industrials, hospitals, electric utilities, marine, computers, and other equipment subject to vibration or requiring dependable electrical performance.

The YAV HYLUG™ terminals meet the requirements of MIL-T-7928 and are listed per MS20659 for use with copper aircraft cable per MIL-W-5086

The benefits of YAV-L connectors are the same as YAV connectors for stranded conductors.

| CATALOG NUMBER       | WIRE RANGE | STUD SIZE | MS20659 DASH NO.† | DIMENSIONS (INCH) |        |        |        | BULK CAT. NO.     | INSTALLATION TOOLING  |           |  |   | WIRE STRIP LENGTH |
|----------------------|------------|-----------|-------------------|-------------------|--------|--------|--------|-------------------|---|-----------|--|---|-------------------|
|                      |            |           |                   | C                 | L MAX. | Y MAX. | Z MIN. |                   | HYTOOL  | DIE INDEX | HYPRESS                                  |   |                   |
|                      |            |           |                   |                   |        |        |        |                   |   |           | Y29B, Y29NC                              | Y35, Y39, Y750 ▲                          |                   |
| —                    |            | 6-8       | -140              | .41               | 1.15   | .94    | .28    | <b>YAV8C-L14*</b> | Non-Ratchet:<br>Y10MV, MY29-11                                |           | DC8L-1 Nest                              | UV8L Nest                                 |                   |
| <b>YAV8C-L BOX</b>   | 8          | 8-10      | -107              | .41               | 1.15   | .94    | .28    | <b>YAV8C-L*</b>   | Ratchet:<br>MR4C, MR8-9Q,<br>Y8MR8-1, M8ND<br>w/ N8CT Die Set | 38        | Y29PL Indentor<br>(1) Crimp              | Y34PL Indentor<br>(1) Crimp               | 1/2"              |
| <b>YAV8C-L1 BOX</b>  | Aircraft   | 1/4       | -141              | .46               | 1.22   | .99    | .32    | <b>YAV8C-L1*</b>  |   |           |  |   |                   |
| <b>YAV8C-L2 BOX</b>  | AN 8       | 5/16      | -108              | .57               | 1.30   | 1.01   | .34    | <b>YAV8C-L2</b>   |   |           |  |   |                   |
| <b>YAV8C-L3 BOX</b>  | Flex       | 3/8       | -129              | .57               | 1.30   | 1.01   | .34    | <b>YAV8C-L3*</b>  |   |           |  |   |                   |
| <b>YAV8C-L4 BOX</b>  |            | 1/2       | -142              | .73               | 1.52   | 1.14   | .48    | <b>YAV8C-L4*</b>  |   |           |  |   |                   |
| <b>YAV6C-L1 BOX</b>  | 5 & 6      | 8-10      | -130              | .48               | 1.31   | 1.06   | .29    | <b>YAV6C-L1*</b>  | Non-Ratchet:<br>MY28,<br>MY29-11                              | 39        | DC6L Nest<br>Y29PL Indentor<br>(1) Crimp | UV6L Nest<br>Y34PLA Indentor<br>(1) Crimp | 1/2"              |
| <b>YAV6C-L BOX</b>   | Aircraft   | 1/4       | -109              | .48               | 1.31   | 1.06   | .29    | <b>YAV6C-L*</b>   | Ratchet:<br>MR4C  |           |  |   |                   |
| <b>YAV6C-L4 BOX</b>  | AN 5 & 6   | 5/16      | -131              | .60               | 1.43   | 1.13   | .35    | <b>YAV6C-L4*</b>  |   |           |  |   |                   |
| <b>YAV6C-L2 BOX</b>  | Flex       | 3/8       | -110              | .60               | 1.43   | 1.13   | .35    | <b>YAV6C-L2*</b>  |   |           |  |   |                   |
| <b>YAV6C-L10 BOX</b> |            | 1/2       | -143              | .73               | 1.64   | 1.26   | .49    | <b>YAV6C-L10</b>  |   |           |  |   |                   |
| <b>YAV4C-L3 BOX</b>  | 4          | 8-10      | -144              | .55               | 1.37   | 1.11   | .28    | <b>YAV4C-L3*</b>  | Non-Ratchet:<br>MY28,<br>MY29-11                              | 40        | DC4L Nest<br>Y29PL Indentor<br>(1) Crimp | UV4L Nest<br>Y34PLA Indentor<br>(1) Crimp | 1/2"              |
| <b>YAV4C-L BOX</b>   | Aircraft   | 1/4       | -111              | .55               | 1.37   | 1.11   | .28    | <b>YAV4C-L</b>    | Ratchet:<br>MR4C  |           |  |   |                   |
| <b>YAV4C-L4 BOX</b>  | AN 4       | 5/16      | -132              | .63               | 1.48   | 1.17   | .33    | <b>YAV4C-L4*</b>  |   |           |  |   |                   |
| <b>YAV4C-L2 BOX</b>  | Flex       | 3/8       | -112              | .63               | 1.48   | 1.17   | .33    | <b>YAV4C-L2*</b>  |   |           |  |   |                   |
| <b>YAV4C-L5 BOX</b>  |            | 1/2       | -145              | .73               | 1.68   | 1.30   | .47    | <b>YAV4C-L5</b>   |   |           |  |   |                   |
| —                    | 2          | 8-10      | -146              | .69               | 1.72   | 1.37   | .35    | <b>YAV2C-L3</b>   | Non-Ratchet:<br>MY28,<br>MY29-11                              | 41        | DC2L Nest<br>Y29PL Indentor<br>(1) Crimp | UV2L Nest<br>Y34PLA Indentor<br>(1) Crimp | 5/8"              |
| <b>YAV2C-L1 BOX</b>  | Aircraft   | 1/4       | -113              | .69               | 1.72   | 1.37   | .35    | <b>YAV2C-L1*</b>  |   |           |  |   |                   |
| <b>YAV2C-L2 BOX</b>  | AN 2       | 5/16      | -147              | .69               | 1.72   | 1.37   | .35    | <b>YAV2C-L2*</b>  |   |           |  |   |                   |
| <b>YAV2C-L BOX</b>   | Flex       | 3/8       | -114              | .69               | 1.72   | 1.37   | .35    | <b>YAV2C-L*</b>   |   |           |  |   |                   |
| <b>YAV2C-L4 BOX</b>  |            | 1/2       | -133              | .77               | 1.89   | 1.49   | .46    | <b>YAV2C-L4</b>   |   |           |  |   |                   |

† Class 1.  
• Available in (90°) right angle design. Suffix "RS" REPLACES SUFFIX "L".  
▲ Use Y35P3 INDENTOR ADAPTER with Y35 and Y39 Tool.

■ Bench Mount Adapter - Cat. BMY-BCH-MT is available for Type "MY" HYTOOLS™. Add "NK" suffix for nickel plated Hylugs™ for high temperature applications up to 650° F continuous service and 750° intermittent service.

### TYPES YAV-L BOX AND YAV-L (Continued)

#### HYLUG™

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| CATALOG NUMBER | WIRE RANGE               | STUD SIZE                | MS20659 DASH NO.† | DIMENSIONS (INCH) |        |        |        | BULK CAT. NO. | INSTALLATION TOOLING             |                          |                           |                           |                   |
|----------------|--------------------------|--------------------------|-------------------|-------------------|--------|--------|--------|---------------|----------------------------------|--------------------------|---------------------------|---------------------------|-------------------|
|                |                          |                          |                   | C                 | L MAX. | Y MAX. | Z MIN. |               | HYTOOL                           | DIE INDEX                | HYPRESS                   |                           | WIRE STRIP LENGTH |
|                |                          |                          |                   |                   |        |        |        |               |                                  |                          | Y29B, Y29NC               | Y35, Y39, Y750 ▲          |                   |
| —              | 1                        | 8-10                     | —                 | .76               | 1.67   | 1.32   | .25    | YAV1C-L6•     | Non-Ratchet:<br>MY28,<br>MY29-11 | 42                       | DV1L Nest                 | UV1L Nest                 | 5/8"              |
| YAV1C-L1 BOX   | Aircraft                 | 1/4                      | -115              | .76               | 1.84   | 1.45   | .38    | YAV1C-L1•     |                                  |                          | DV29PL Indentor (1) Crimp | Y34PLA Indentor (1) Crimp |                   |
| YAV1C-L2 BOX   | AN 1                     | 5/16                     | -149              | .76               | 1.84   | 1.45   | .38    | YAV1C-L2•     |                                  |                          |                           |                           |                   |
| YAV1C-L BOX    | Flex                     | 3/8                      | -116              | .76               | 1.84   | 1.45   | .38    | YAV1C-L       |                                  |                          |                           |                           |                   |
| YAV1C-L3 BOX   | 1/0 Aircraft AN 1/0 Flex | 1/2                      | -134              | .86               | 1.97   | 1.54   | .46    | YAV1C-L3      |                                  |                          |                           |                           |                   |
| YAV25-L1 BOX   |                          | 1/4                      | -117              | .83               | 2.01   | 1.61   | .43    | YAV25-L1      |                                  |                          |                           |                           |                   |
| YAV25-L2 BOX   |                          | 5/16                     | -151              | .83               | 2.01   | 1.61   | .43    | YAV25-L2      |                                  |                          |                           |                           |                   |
| YAV25-L BOX    |                          | 3/8                      | -118              | .83               | 2.01   | 1.61   | .43    | YAV25-L•      |                                  | DV25L Nest               | UV25L Nest                |                           |                   |
| YAV25-L3 BOX   | AN 1/0 Flex              | 1/2                      | -135              | .88               | 2.09   | 1.64   | .46    | YAV25-L3•     |                                  | Y29PR Indentor (1) Crimp | Y34PA Indentor (1) Crimp  |                           |                   |
| YAV25-L4 BOX   |                          | 5/8                      | —                 | .88               | 2.31   | 1.80   | .62    | YAV25-L4      |                                  |                          |                           |                           |                   |
| YAV26-L1 BOX   |                          | 2/0 Aircraft AN 2/0 Flex | 1/4               | -153              | .93    | 2.32   | 1.85   | .48           |                                  | YAV26-L1                 |                           |                           |                   |
| YAV26-L2 BOX   | AN 2/0 Flex              | 5/16                     | -119              | .93               | 2.32   | 1.85   | .48    | YAV26-L2      |                                  |                          |                           |                           |                   |
| YAV26-L BOX    |                          | 3/8                      | -120              | .93               | 2.32   | 1.85   | .48    | YAV26-L•      |                                  | DV26L Nest               | UV26L Nest                |                           |                   |
| YAV26-L3 BOX   |                          | 1/2                      | -136              | .93               | 2.32   | 1.85   | .48    | YAV26-L3•     |                                  | Y29PL Indentor (1) Crimp | Y34PA Indentor (1) Crimp  |                           |                   |
| YAV26-L12 BOX  |                          | 5/8                      | —                 | .93               | 2.52   | 1.99   | .62    | YAV26-L12     |                                  |                          |                           |                           |                   |
| YAV27-L BOX    | 3/0 Aircraft AN 3/0 Flex | 3/8                      | -121              | 1.03              | 2.45   | 1.93   | .52    | YAV27-L•      |                                  |                          |                           |                           |                   |
| YAV27-L1 BOX   | AN 3/0 Flex              | 1/2                      | -122              | 1.03              | 2.45   | 1.93   | .52    | YAV27-L1      |                                  |                          |                           |                           |                   |
| YAV27-L15 BOX  |                          | 5/8                      | —                 | 1.03              | 2.60   | 2.04   | .62    | YAV27-L15     |                                  |                          |                           |                           |                   |
| YAV28-L BOX    | 4/0 Aircraft AN 4/0 Flex | 3/8                      | -123              | 1.12              | 2.72   | 2.16   | .60    | YAV28-L       |                                  |                          |                           |                           |                   |
| YAV28-L12 BOX  | AN 4/0 Flex              | 1/2                      | -124              | 1.12              | 2.72   | 2.16   | .60    | YAV28-L12     |                                  |                          |                           |                           |                   |
| YAV28-L13 BOX  |                          | 5/8                      | -159              | 1.12              | 2.72   | 2.16   | .60    | YAV28-L13     |                                  |                          |                           |                           |                   |
| YAV28-L14 BOX  |                          | 3/4                      | -160              | 1.23              | 2.95   | 2.33   | .78    | YAV28-L14     |                                  |                          |                           |                           |                   |
|                |                          |                          |                   |                   |        |        |        |               | 45                               | —                        | UV27L Nest                | Y34PA Indentor (1) Crimp  | 13/16"            |
|                |                          |                          |                   |                   |        |        |        |               | 46                               | —                        | UV28L Nest                | Y34PA Indentor (1) Crimp  | 7/8"              |

† Class 1.

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▲ Use Y35P3 INDENTOR ADAPTER with Y35 and Y39 Tool.

■ Bench Mount Adapter - Cat. BMY-BCH-MT is available for Type "MY" HYTOOLS™.

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