

| DRAWING NO.<br>SE208001 | TOLERANCES |      |        |      |      |      |
|-------------------------|------------|------|--------|------|------|------|
|                         | B          | C    | K DIA. | L    | N    | O.D. |
| -10C                    | ±.03       | ±.04 | ±.02   | ±.06 | ±.03 | ±.01 |
| 8C - 25                 | ±.06       | ±.04 | ±.02   | ±.09 | ±.03 | ±.01 |
| 26 - 34                 | ±.08       | ±.04 | ±.02   | ±.12 | ±.03 | ±.01 |
| 35 AND UP               | ±.09       | ±.06 | ±.02   | ±.15 | ±.06 | ±.01 |

| REV | DATE                   | DESCRIPTION           | ECO   | BY  | C.H.K. |
|-----|------------------------|-----------------------|-------|-----|--------|
| J   | 05/21/2014 16:12:00 PM | UPDATED AS PER MARKUP | 36210 | BSB | PB     |

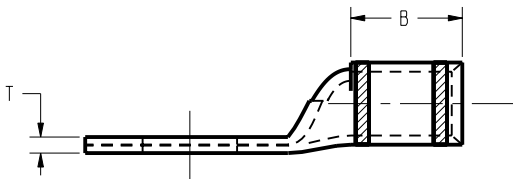
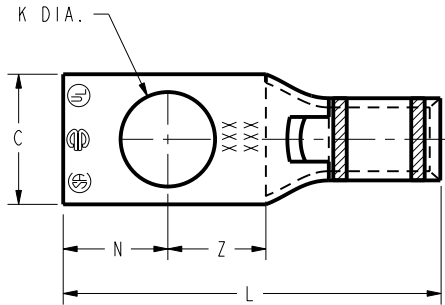


FIG. 1

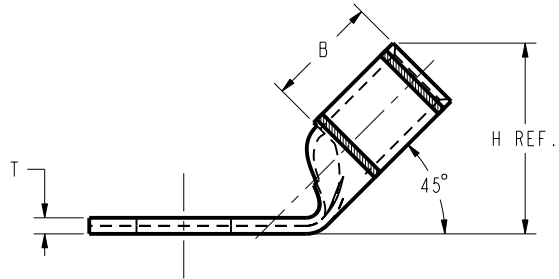
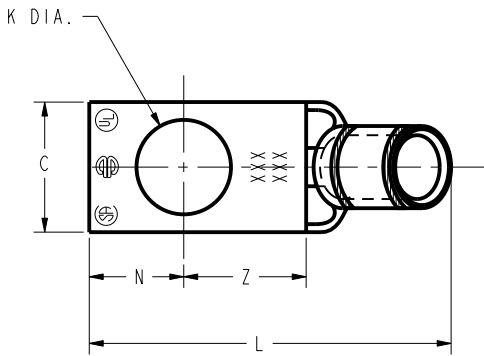


FIG. 2

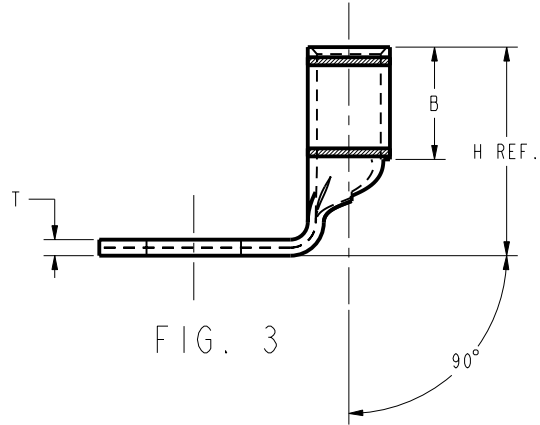
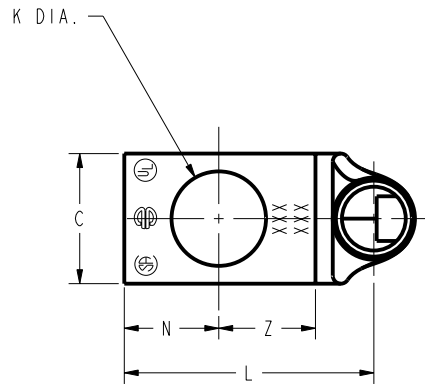


FIG. 3

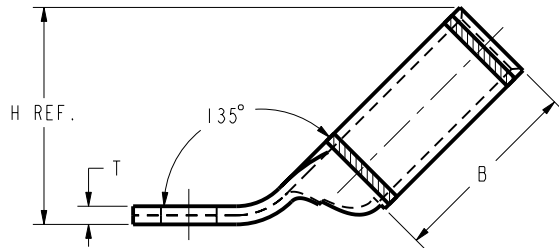
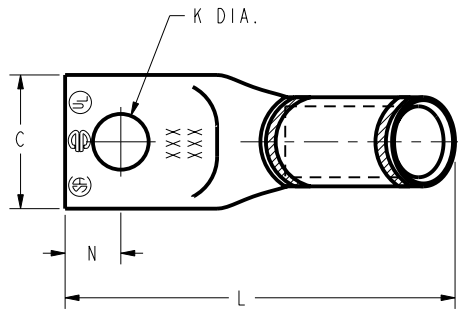


FIG. 4

NOTES:

1. MATERIAL: COPPER TUBING.
2. FINISH: TIN PLATED. FOR UNPLATED PARTS USE SUFFIX "UNPL" (EXAMPLE: YA26LTC12FXUNPL). FOR UNPLATED PARTS WITH INK MARKED BARREL USE SUFFIX "BR" (EXAMPLE: YAV6CLTC38FXBR).
3. CATALOG # PT6515 ADAPTOR IS REQUIRED TO USE "U" DIES IN Y45 SERIES TOOLS.
4. CATALOG # PUADP-1 ADAPTOR IS REQUIRED TO USE "U" DIES IN Y46 SERIES TOOLS.
5. NAVY CABLE SIZE MAY BE OMITTED ON SOME SIZES BECAUSE OF SPACE LIMITATIONS.
6. PERMANENT DIE IN TOOLING.
7. DIMENSIONS IN [ ] BRACKETS ARE IN MILLIMETERS, ROUNDED OFF TO THE NEAREST MILLIMETER UNLESS OTHERWISE NOTED. METRIC DIMENSIONS ARE FOR REFERENCE ONLY.
8. IF HIGHEST REVISION OF THIS SALES PRINT IS AFFECTED, UPDATE PRINT WSA208758 TO INCLUDE THE NEW REVISION.
9. ALL OF THE CATALOG NUMBERS FOR THESE HYLUGS™ CAN BE ORDERED WITH OR WITHOUT SKIVE.  
EXAMPLE: YA34L-TC12-FX (SKIVE)  
YAG34L-TC12-FX (NO SKIVE)
10. ALL OF THE CATALOG NUMBERS FOR THESE HYLUGS™ CAN BE ORDERED WITH NICKEL PLATING BY ADDING THE SUFFIX "NK" AFTER "FX" IN THE CATALOG NUMBER.
11. UL LISTED AND CSA CERTIFIED CONNECTORS.
12. UNDRILLED VERSIOSNS ARE NOT UL LISTED OR CSA CERTIFIED.
13. FOR UNDRILLED VERSIONS ADD SUFFIX "-U" TO END OF CATALOG NUMBER.  
FOR UNDRILLED VERSIONS, USE D MIN. = N MAX. + Z MIN.

TO ORDER BURNDY® PRODUCTS CALL  
UNITED STATES  
1-800-346-4175 (LONDONDERRY, NH)

CANADA:  
1-800-361-6975 (QUEBEC)  
1-800-387-6487 (ALL OTHER PROVINCES)

FOR PRODUCT INFO: <http://www.burndy.com>

| HYLUG™         |                                      |            |     |
|----------------|--------------------------------------|------------|-----|
| ITEM NO:       | N/A                                  | DRAWING NO | REV |
| CAT. NO:       | YAV-L-TC-FX, YAV-L-NT-FX, YA-L-TC-FX | SE208001   | J   |
| DRAWN BY:      | D FILLION                            | 11/25/92   |     |
| CHECKER:       | K HENRY                              | 10/02/92   |     |
| DSN APPVL:     | C PALAGI                             | 12/04/92   |     |
| MFG APPVL:     | --                                   | --         |     |
| QA APPVL:      | A LLOYD                              | 12/07/92   |     |
| MKT APPVL:     | T NELSON                             | 12/04/92   |     |
| PROD FAM:      | CM&R Compression                     | SCALE: NTS |     |
| PROJECT #:     | --                                   | SIZE       |     |
| DOCUMENT TYPE: | Sales                                | D          |     |
| REL LEVEL:     | Released                             |            |     |

|                                                                            |                              |                              |                            |                |             |              |              |              |             |              |              |              |              |                                |                                         |                                      |                           |                           |                           |                                                                                                     |                                  |             |  |
|----------------------------------------------------------------------------|------------------------------|------------------------------|----------------------------|----------------|-------------|--------------|--------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------------------------|-----------------------------------------|--------------------------------------|---------------------------|---------------------------|---------------------------|-----------------------------------------------------------------------------------------------------|----------------------------------|-------------|--|
| DRAWING NO.<br>SE208001                                                    |                              | 7                            |                            | 6              |             | 5            |              | 4            |             | 3            |              | 2            |              | 1                              |                                         |                                      |                           |                           |                           |                                                                                                     |                                  |             |  |
|                                                                            |                              |                              |                            |                |             |              |              |              |             |              |              | REV<br>J     |              | DATE<br>05/21/2014 16:12:00 PM |                                         | DESCRIPTION<br>UPDATED AS PER MARKUP |                           | ECO<br>36210              |                           | BY<br>BSB                                                                                           |                                  | C/H/K<br>PB |  |
| CONDUCTOR                                                                  |                              |                              | BOLT<br>SIZE               | CATALOG NO.    | FIG.<br>NO. | DIMENSIONS   |              |              |             |              |              |              |              |                                | BURNDY® INSTALLATION TOOLING (# CRIMPS) |                                      |                           |                           |                           |                                                                                                     |                                  |             |  |
| FLEX                                                                       | CODE<br>(AWG)                | NAVY<br>5                    |                            |                |             | B            | C            | H            | K           | L            | N            | O.D.         | T REF.       | Z MIN.                         | DIE<br>INDEX                            | COLOR<br>CODE                        | HYDRAULIC                 |                           |                           | DIELESS<br>(# CRIMPS)                                                                               | WIRE<br>STRIP<br>LENGTH          |             |  |
|                                                                            |                              |                              | Y750<br>Y35<br>Y39, PAT750 | Y46<br>PAT46   | Y45         |              |              |              |             |              |              |              |              |                                |                                         |                                      |                           |                           |                           |                                                                                                     |                                  |             |  |
| 535.3 Kcmil<br>DLO (1325/24)<br>(500 Kcmil FLEX)<br><br>300 mm²<br>CLASS 5 | -----<br>↑<br><br>↓<br>----- | -----<br>↑<br><br>↓<br>----- | 5/16                       | YA38LTC516FX   | 1           | 1.45<br>[37] | 1.84<br>[47] | -----        | .33<br>[8]  | 3.03<br>[77] | .34<br>[9]   | 1.25<br>[32] | .27<br>[7]   | .36<br>[9]                     | L99<br>↑<br><br>↓<br>L99                | PINK<br>↑<br><br>↓<br>PINK           | U38XRT<br>UR4140WE<br>(2) | U38XRT<br>UR4140WE<br>(2) | U38XRT<br>UR4140WE<br>(2) | HYDRAULIC:<br>Y644M (1)<br>PAT644 (1)<br>Y81KFT (2)<br>PAT81KFT (3)<br>Y4PC834 (3)<br>PAT4PC834 (3) | 1-7/16"<br>↑<br><br>↓<br>1-7/16" |             |  |
|                                                                            |                              |                              |                            | YA38LTC516FX45 | 2           | 2.60<br>[66] | 2.97<br>[75] |              |             |              |              |              |              |                                |                                         |                                      |                           |                           |                           |                                                                                                     |                                  |             |  |
|                                                                            |                              |                              |                            | YA38LTC516FX90 | 3           | 2.80<br>[71] | 1.52<br>[39] |              |             |              |              |              |              |                                |                                         |                                      |                           |                           |                           |                                                                                                     |                                  |             |  |
|                                                                            |                              |                              | 3/8                        | YA38LTC38FX    | 1           | -----        | .40<br>[10]  | 3.34<br>[85] | .50<br>[13] | .52<br>[13]  |              |              |              |                                |                                         |                                      |                           |                           |                           |                                                                                                     |                                  |             |  |
|                                                                            |                              |                              |                            | YA38LTC38FX45  | 2           | 2.60<br>[66] |              | 3.29<br>[84] |             |              |              |              |              |                                |                                         |                                      |                           |                           |                           |                                                                                                     |                                  |             |  |
|                                                                            |                              |                              |                            | YA38LTC38FX90  | 3           | 2.80<br>[71] |              | 1.83<br>[46] |             |              |              |              |              |                                |                                         |                                      |                           |                           |                           |                                                                                                     |                                  |             |  |
|                                                                            |                              |                              | 1/2                        | YA38LTC12FX    | 1           | -----        | .53<br>[13]  | 3.41<br>[87] | .53<br>[13] | .55<br>[14]  |              |              |              |                                |                                         |                                      |                           |                           |                           |                                                                                                     |                                  |             |  |
|                                                                            |                              |                              |                            | YA38LTC12FX45  | 2           | 2.60<br>[66] |              | 3.35<br>[85] |             |              |              |              |              |                                |                                         |                                      |                           |                           |                           |                                                                                                     |                                  |             |  |
|                                                                            |                              |                              |                            | YA38LTC12FX90  | 3           | 2.80<br>[71] |              | 1.90<br>[48] |             |              |              |              |              |                                |                                         |                                      |                           |                           |                           |                                                                                                     |                                  |             |  |
|                                                                            |                              |                              | 5/8                        | YA38LTC58FX    | 1           | -----        | .69<br>[17]  | 3.66<br>[93] | .66<br>[17] | .67<br>[17]  |              |              |              |                                |                                         |                                      |                           |                           |                           |                                                                                                     |                                  |             |  |
|                                                                            |                              |                              |                            | YA38LTC58FX45  | 2           | 2.60<br>[66] |              | 3.60<br>[91] |             |              |              |              |              |                                |                                         |                                      |                           |                           |                           |                                                                                                     |                                  |             |  |
|                                                                            |                              |                              |                            | YA38LTC58FX90  | 3           | 1.45<br>[37] |              | 1.84<br>[47] |             |              | 2.80<br>[71] | 2.15<br>[55] | 1.25<br>[32] | .27<br>[7]                     |                                         |                                      |                           |                           |                           |                                                                                                     |                                  |             |  |

REV: PE0200

SEE SHEET 1 OF 18 FOR NOTES

TO ORDER BURNDY® PRODUCTS CALL  
UNITED STATES  
1-800-346-4175 (LONDONDERRY, NH)  
CANADA:  
1-800-361-6975 (QUEBEC)  
1-800-387-6487 (ALL OTHER PROVINCES)  
FOR PRODUCT INFO: <http://www.burndy.com>

HYLUG™

ITEM NO: N/A  
CAT. NO: YA38L-TC-FX-  
DRAWN BY: D FILLION 12/01/92  
CHECKER: K HENRY 12/02/92  
DSN APPVL: C PALAGI 12/04/92  
MFG APPVL: -- --  
QA APPVL: A LLOYD 12/07/92  
MKT APPVL: T NELSON 12/04/92  
PROD FAM: CM&R Compression  
PROJECT #: -- SIZE  
DOCUMENT TYPE: Sales  
REL LEVEL: Released

BURNDY

DRAWING NO  
SE208001  
SHEET 16 OF 18

SCALE: 1:1  
REV  
J