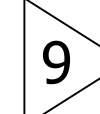
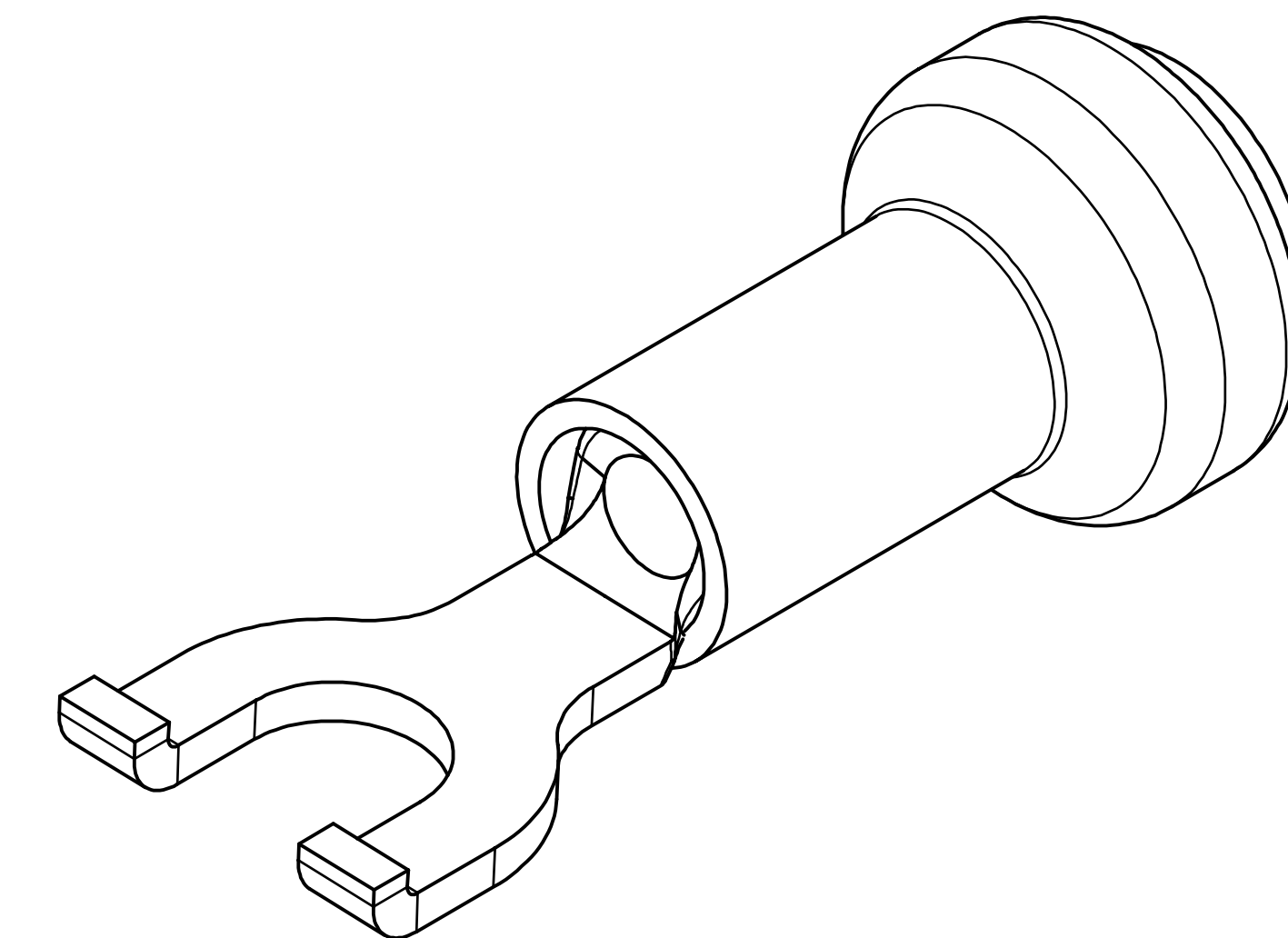
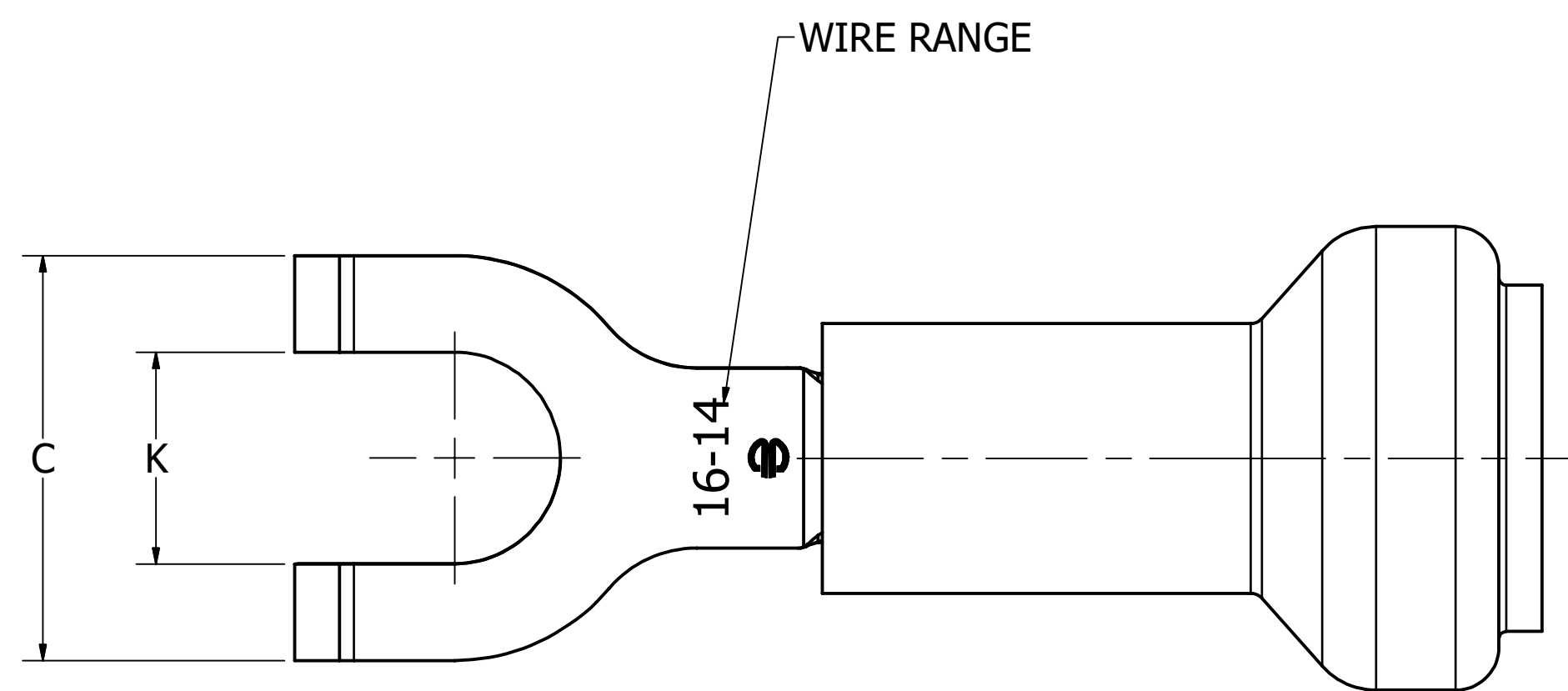
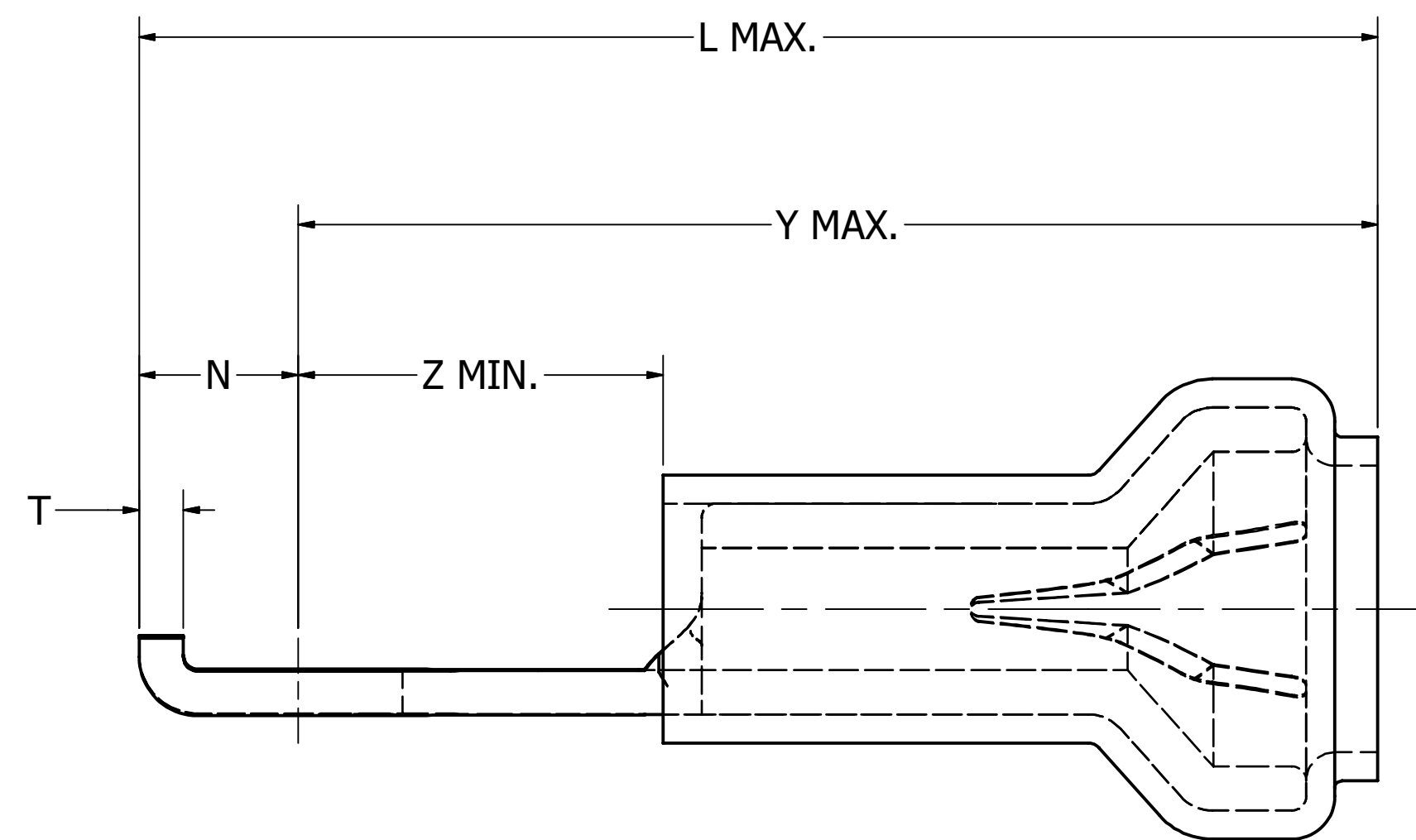


| REV | DATE       | DESCRIPTION          | ECO   | BY | C'H'K. |
|-----|------------|----------------------|-------|----|--------|
| A   | 12/06/2018 | NEW DRAWING CREATION | 50424 | YR | VS     |

| WIRE SIZE (AWG)     | STUD SIZE | CATALOG NUMBER | BULK CATALOG NUMBER | C         |           | K         |           | L MAX.      | N         |           | T ±.01 [±.25] | Y MAX.     | Z MIN.    | MAX. WIRE INSUL. DIA. ACCOM. | WIRE STRIP LENGTH ±.03 [±.8] | COLOR CODE | INSTALLATION TOOLING (ONE CRIMP)  |
|---------------------|-----------|----------------|---------------------|-----------|-----------|-----------|-----------|-------------|-----------|-----------|---------------|------------|-----------|------------------------------|------------------------------|------------|---|
|                     |           |                |                     | MAX.      | MIN.      | MAX.      | MIN.      |             | MAX.      | MIN.      |               |            |           |                              |                              |            |   |
| 26-20 Str. and Sol. | 2         | YAE22Z1BOX*    | YAE22Z1             | .20 [5.0] | .17 [4.3] | .10 [2.5] | .09 [2.3] | .75 [19.0]  | .17 [4.3] | .16 [4.0] | .02 [.6]      | .63 [16.0] | .21 [5.3] | .10 [2.5]                    | 5/32" [4.0]                  | AMBER      | MRE1022NV, M8ND [N10ET23, N10ET9, N14HET15]  |
|                     | 6         | YAE22Z2BOX*    | YAE22Z2             | .30 [7.5] | .27 [6.8] | .15 [3.8] | .14 [3.6] | .83 [21.1]  | .22 [5.7] | .22 [5.5] |               | .70 [17.8] | .28 [7.1] |                              |                              |            |   |
|                     | 8         | YAE22Z3BOX*    | YAE22Z3             | .33 [8.3] | .30 [7.5] | .18 [4.5] | .16 [4.1] | .92 [23.4]  | .31 [7.9] | .29 [7.4] |               | .21 [5.3]  | .28 [7.1] |                              |                              |            |   |
| 22-16 Str. and Sol. | 2         | YAE18Z1BOX     | YAE18Z1             | .20 [5.0] | .16 [4.0] | .10 [2.5] | .09 [2.3] | .83 [21.1]  | .17 [4.3] | .16 [4.0] | .03 [.8]      | .74 [18.8] | .24 [6.1] | .12 [3.2]                    | 3/16" [4.8]                  | RED        | Y6NCB [J1022NC1], Y6NCP1 [J1022NC1], Y1022, MRE1022NV   |
|                     | 6         | YAE18Z2BOX     | YAE18Z2             | .29 [7.3] | .28 [7.0] | .15 [3.8] | .14 [3.6] | 1.00 [25.4] | .22 [5.7] | .22 [5.5] |               | .77 [19.6] | .28 [7.1] |                              |                              |            |   |
|                     | 8         | YAE18Z3BOX     | YAE18Z3             | .33 [8.4] | .29 [7.4] | .18 [4.5] | .16 [4.1] | 1.00 [25.4] | .31 [7.9] | .29 [7.4] |               | .82 [20.8] | .32 [8.1] |                              |                              |            |   |
| 16-14 Str. and Sol. | 6         | YAE14Z2BOX     | YAE14Z2             | .29 [7.3] | .28 [7.0] | .15 [3.8] | .14 [3.6] | .90 [22.9]  | .22 [5.7] | .22 [5.5] | .03 [.8]      | .74 [18.8] | .25 [6.4] | .16 [4.0]                    | 3/16" [4.8]                  | BLUE       |   |
|                     | 8         | YAE14Z3BOX     | YAE14Z3             | .32 [8.2] | .30 [7.7] | .18 [4.5] | .16 [4.1] | 1.00 [25.4] | .31 [7.9] | .29 [7.4] |               | .77 [19.6] | .29 [7.4] |                              |                              |            |   |
|                     | 10        | YAE14Z4BOX     | YAE14Z4             | .37 [9.4] | .35 [8.9] | .23 [5.8] | .19 [4.8] | 1.08 [27.4] | .36 [9.1] | .34 [8.6] |               | .82 [20.8] | .33 [8.4] |                              |                              |            |   |
| 14-12 Str. and Sol. | 6         | YAE12Z2BOX     | YAE12Z2             | .29 [7.3] | .28 [7.0] | .15 [3.8] | .14 [3.6] | 1.04 [26.4] | .22 [5.7] | .22 [5.5] | .04 [.9]      | .88 [22.4] | .25 [6.4] | .18 [4.6]                    | 21/64" [8.3]                 | GREEN      |   |
|                     | 8         | YAE12Z3BOX     | YAE12Z3             | .32 [8.2] | .30 [7.7] | .18 [4.5] | .16 [4.1] | 1.16 [29.5] | .31 [7.9] | .29 [7.4] |               | .93 [23.6] | .30 [7.6] |                              |                              |            |   |
|                     | 10        | YAE12Z4BOX     | YAE12Z4             | .37 [9.4] | .35 [8.9] | .23 [5.8] | .19 [4.8] | 1.23 [31.2] | .36 [9.1] | .34 [8.6] |               | .97 [24.6] | .34 [8.6] |                              |                              |            |   |



NOTES:

1. TERMINAL: TIN PLATED COPPER
2. INSULATION: NYLON
3. DIMENSIONS IN BRACKETS [ ] ARE IN MILLIMETERS AND ARE FOR REFERENCE ONLY.
4. DIE SETS ARE LISTED IN BRACKETS [ ] AFTER THEIR RESPECTIVE TOOLS.
5. UL LISTED & CSA CERTIFIED WIRE CONNECTORS PER UL486A/B (FILE E9498) & CSA C22.2 NO.65 REQUIREMENTS (FILE 42862)
6. DISCONTINUED TOOLS: MR833T1, Y6NCP, Y10MRSA, Y10MRPA, MR833T  
CONTACT TECH SERVICE FOR INFORMATION ABOUT APPROVED APPLICATIONS (1-800-451-4956)
7. WIRE CONNECTOR:  
600V MAXIMUM  
TEMPERATURE RATING OF INSULATING MATERIAL 105°C  
FLAME RATING: UL746C GLOW WIRE TEST
8. ITEMS WITH CATALOG NUMBERS FOLLOWED BY ASTERISKS (\*) ARE UL RECOGNIZED AND CSA CERTIFIED; NOT UL LISTED

 TOOLING IS NOT UL LISTED OR CSA CERTIFIED FOR TYPE YAE22

|   |  |                                 |  |
|---|--|---------------------------------|--|
| TO ORDER BURNDY® PRODUCTS CALL  |  | INSULUG                         |  |
| UNITED STATES<br>1-800-346-4175 (LONDONDERRY, NH)                           |  | ITEM NO: N/A                    |  |
| CANADA:<br>1-800-361-6975 (QUEBEC)<br>1-800-387-6487 (ALL OTHER PROVINCES)  |  | CAT. NO: TYPE YAE-Z             |  |
| FOR PRODUCT INFO: <a href="http://www.burndy.com">http://www.burndy.com</a> |  | DRAWN BY: R.YOGARAJ 12/06/2018  |  |
|   |  | CHECKER: V.SAKTHIVEL 12/06/2018 |  |
|   |  | DSN APRVL: --                   |  |
|   |  | MFG APRVL: --                   |  |
|   |  | QA APRVL: --                    |  |
|   |  | MKT APRVL: --                   |  |
|   |  | PROD FAM: --                    |  |
|   |  | DRAWING NO                      |  |
|   |  | 50094186                        |  |
|   |  | REV                             |  |
|   |  | A                               |  |
|   |  | SHEET 1 OF 1                    |  |