

|         |       |      |       |                |
|---------|-------|------|-------|----------------|
| DATE    | DRAWN | CHKD | SCALE | DRAWING NUMBER |
| 15NOV96 | MDM   | JSS  | 2:1   | J-47-2-M4-1    |

| REV | DATE      | DRAWN/CHKD | DESCRIPTION     |
|-----|-----------|------------|-----------------|
| A   | 07NOV97   | MDM        | PRN: 47-276     |
| B   | 19MAR98   | MDM        | PRN: 47-299     |
| C   | 01JUL99   | MJS        | PRN: 47-452     |
| D   | 18JUL2005 | CSC/MDY    | PRN: P2005-0746 |
| E   | 10OCT2007 | GDW/       | PRN: P2007-1268 |
|     |           |            |                 |
|     |           |            |                 |

| PART NUMBER  | PANEL THICKNESS |          | *B* | *L* | SCREW PROJECTION |       | *T* |     |     |      |    |
|--------------|-----------------|----------|-----|-----|------------------|-------|-----|-----|-----|------|----|
|              | *A* MIN.        | *A* MAX. |     |     | *P-1*            | *P-2* |     |     |     |      |    |
| 47-W0-3X0-Y2 | 0.1             | 0.8      | 2.3 | 3.2 | 2.4              | 7.2   | 19  |     |     |      |    |
| 47-W1-3X0-Y2 |                 |          |     |     | 3.4              | 8.2   | 21  |     |     |      |    |
| 47-W2-3X0-Y2 |                 |          |     |     | 5.4              | 10.2  | 22  |     |     |      |    |
| 47-W0-3X1-Y2 | 0.8             | 1.6      | 3.1 | 4   | 2.4              | 7.2   | 19  |     |     |      |    |
| 47-W1-3X1-Y2 |                 |          |     |     | 3.4              | 8.2   | 21  |     |     |      |    |
| 47-W2-3X1-Y2 |                 |          |     |     | 5.4              | 10.2  | 22  |     |     |      |    |
| 47-W0-3X2-Y2 | 1.6             | 2.4      | 3.9 | 4.8 | 3.4              | 8.2   | 21  |     |     |      |    |
| 47-W1-3X2-Y2 |                 |          |     |     | 5.4              | 10.2  | 22  |     |     |      |    |
| 47-W0-3X3-Y2 |                 |          |     |     | 3.4              | 8.2   | 21  |     |     |      |    |
| 47-W1-3X3-Y2 | 2.4             | 3.2      | 4.7 | 5.6 | 5.4              | 10.2  | 22  |     |     |      |    |
| 47-W0-3X4-Y2 |                 |          |     |     | 3.2              | 4     | 5.5 | 6.4 | 5.4 | 10.2 | 22 |
| 47-W0-3X5-Y2 |                 |          |     |     | 4                | 4.8   | 6.3 | 7.2 | 5.4 | 10.2 | 22 |

|                                                                                                               |                     |
|---------------------------------------------------------------------------------------------------------------|---------------------|
| MILLIMETERS                                                                                                   |                     |
| ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.                                                     |                     |
| <br>THIRD ANGLE PROJECTION | A3<br>PAPER<br>SIZE |

## MATERIAL AND FINISH

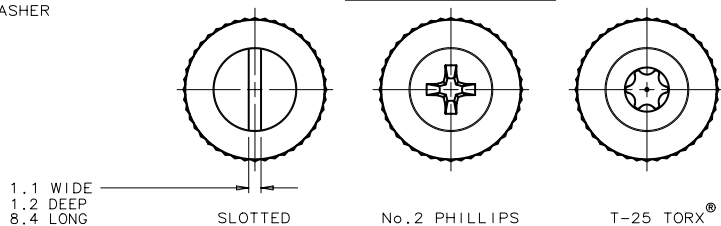
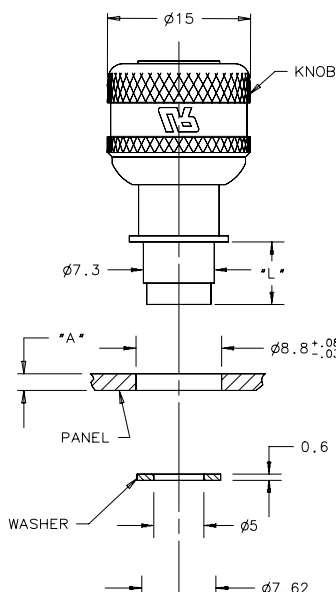
KNOB: 6020 ALUMINUM, NATURAL OR BLACK ORGANIC COATING.  
 SCREW: 1008 CASE HARDENED STEEL, ZINC PLATE CHROMATE PLUS SEALER OR BLACK ORGANIC COATING.  
 FERRULE: 6061 ALUMINUM, NATURAL.  
 SPRING: 300 STAINLESS STEEL, PASSIVATED.  
 RATCHET MECHANISM: 40/1075 STEEL, HARDENED.  
 WASHER: 300 STAINLESS STEEL, PASSIVATED.

## INSTALLATION INSTRUCTIONS

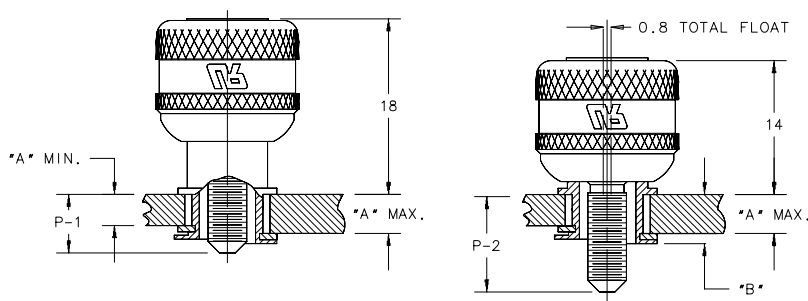
1. PREPARE PANEL AS SHOWN. TOP EDGE OF HOLE SHOULD BE SHARP. RECOMMENDED MIN. DISTANCE FROM EDGE OF PANEL TO THE CENTERLINE OF THE HOLE IS 12.
2. PLACE FERRULE INTO EITHER STYLE OF INSTALLATION HOLE.
3. CENTER THE FLARING TOOL ON THE SCREW THREAD. THEN ROLL THE FERRULE OVER THE WASHER TO CAPTIVATE THE ASSEMBLY.
4. HAND TIGHTEN FIRMLY TO ENGAGE THE RATCHET MECHANISM.

| <u>'W' THREAD</u> | <u>'X' SCREW RECESS</u> | <u>'Y' FINISH ON KNOB &amp; SCREW</u> |
|-------------------|-------------------------|---------------------------------------|
| 1- 8-32           | 1- SLOTTED              | 2- NATURAL (BRIGHT)                   |
| 8- M4             | 3- PHILLIPS             | 6- BLACK                              |
|                   | 5- TORX®                |                                       |

## SCREW RECESS STYLES



## INSTALLATION WITH SPACE BETWEEN PANELS



## UNFASTENED-SCREW PROJECTED

*FASTENED*

### INSTALLATION FOR FLUSHNESS AND/OR THICKER PANELS.

