

| 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-W0-5X0-Y2 | 0.1             | 0.8      | 2.3 | 3.2 | 2.4              | 7.2   | 19  |
| 47-W1-5X0-Y2 |                 |          |     |     | 3.4              | 8.2   | 21  |
| 47-W2-5X0-Y2 |                 |          |     |     | 5.4              | 10.2  | 22  |
| 47-W0-5X1-Y2 | 0.8             | 1.6      | 3.1 | 4   | 2.4              | 7.2   | 19  |
| 47-W1-5X1-Y2 |                 |          |     |     | 3.4              | 8.2   | 21  |
| 47-W2-5X1-Y2 |                 |          |     |     | 5.4              | 10.2  | 22  |
| 47-W0-5X2-Y2 | 1.6             | 2.4      | 3.9 | 4.8 | 3.4              | 8.2   | 21  |
| 47-W1-5X2-Y2 |                 |          |     |     | 5.4              | 10.2  | 22  |
| 47-W2-5X2-Y2 |                 |          |     |     | 5.4              | 10.2  | 22  |
| 47-W0-5X3-Y2 | 2.4             | 3.2      | 4.7 | 5.6 | 3.4              | 8.2   | 21  |
| 47-W1-5X3-Y2 |                 |          |     |     | 5.4              | 10.2  | 22  |
| 47-W2-5X3-Y2 |                 |          |     |     | 5.4              | 10.2  | 22  |
| 47-W0-5X4-Y2 | 3.2             | 4        | 5.5 | 6.4 | 5.4              | 10.2  | 22  |
| 47-W2-5X4-Y2 |                 |          |     |     | 5.4              | 10.2  | 22  |
| 47-W0-5X5-Y2 | 4               | 4.8      | 6.3 | 7.2 | 5.4              | 10.2  | 22  |

| MILLIMETERS                                               |               |
|-----------------------------------------------------------|---------------|
| ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY. |               |
| THIRD ANGLE PROJECTION                                    | A3 PAPER 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: HARDENED STEEL, BLACK OXIDE.  
WASHER: 300 STAINLESS STEEL, PASSIVATED.

#### 'W' THREAD

1- 10-32  
8- M5

#### 'X' SCREW RECESS

1- SLOTTED  
3- PHILLIPS  
5- TORX®

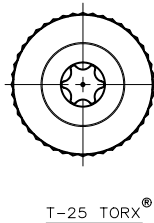
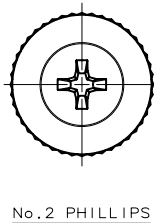
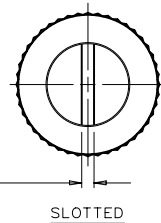
#### 'Y' FINISH ON KNOB & SCREW

2- NATURAL (BRIGHT)  
6- BLACK

### INSTALLATION INSTRUCTIONS

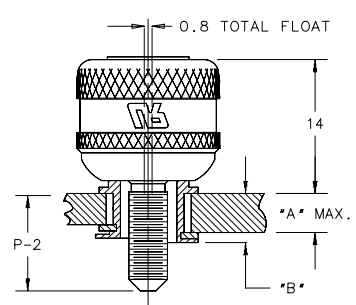
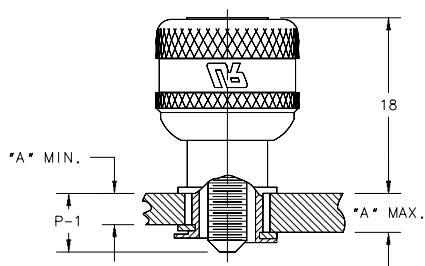
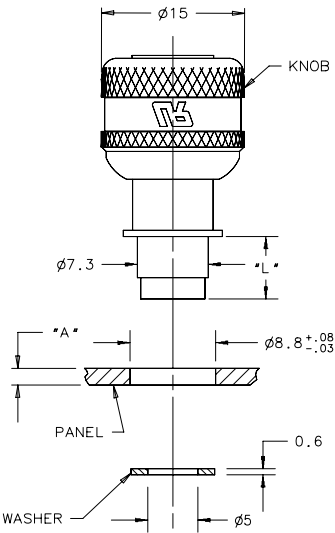
1. PREPARE PANEL AS SHOWN. TOP EDGE OF HOLE SHOULD BE SHARP. RECOMMENDED MIN. DISTANCE FROM EDGE OF PANEL TO THE CENTERLINE OF THE HOLE IS 12.
2. PLACE FERRULE INTO EITHER STYLE OF INSTALLATION HOLE.
3. CENTER THE FLARING TOOL ON THE SCREW THREAD, THEN ROLL THE FERRULE OVER THE WASHER TO CAPTIVATE THE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

### SCREW RECESS STYLES



1.1 WIDE  
1.2 DEEP  
8.4 LONG

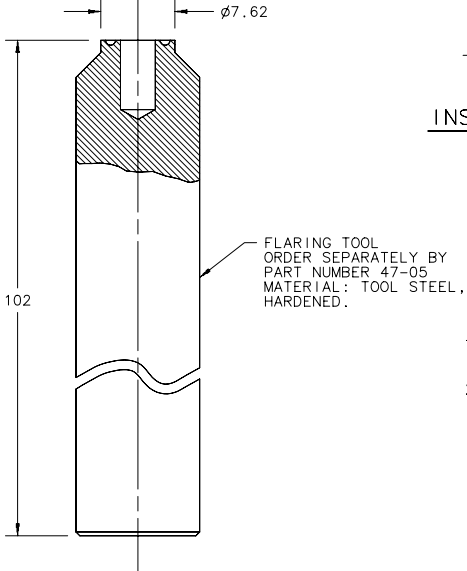
### INSTALLATION WITH SPACE BETWEEN PANELS



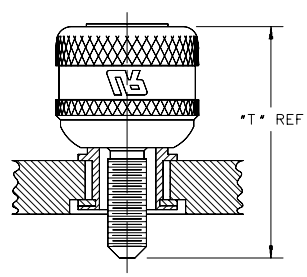
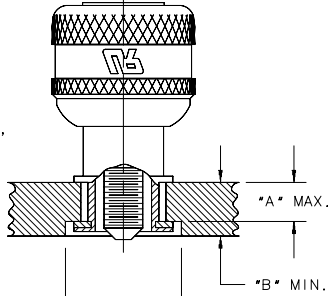
### UNFASTENED-SCREW PROJECTED

### FASTENED

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



FLARING TOOL  
ORDER SEPARATELY BY  
PART NUMBER 47-05  
MATERIAL: TOOL STEEL,  
HARDENED.



COUNTERBORE REAR OF PANEL  
Ø12 MIN. LEAVING A  
THICKNESS OF \*A\* MAX.