

**southco**

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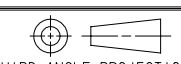
52 CAPTIVE SCREW ASSEMBLY  
PRESS-IN STYLE, KNURLED HEAD, 6-32 THREAD

|           |       |      |       |                |
|-----------|-------|------|-------|----------------|
| DATE      | DRAWN | CHKD | SCALE | DRAWING NUMBER |
| 04NOV2001 | AJH   | TVA  | 3:1   | J-52-2-10      |

| REV | DATE      | DRAWN/CHKD | DESCRIPTION                | PART NUMBER | MATERIAL AND FINISH | P-1 | P-2 |
|-----|-----------|------------|----------------------------|-------------|---------------------|-----|-----|
| 1   | 24JAN2002 | RJB/AJH    | PRN: P2002-0035            | 52-27-51-4  | SEE NOTE A          | 0.9 | 6.1 |
| A   | 17APR2002 | TVA/AJH    | PRN: P2002-0215 (RELEASED) | 52-27-53-4  | SEE NOTE A          | 2.5 | 7.6 |
| B   | 22MAY2002 | JTG/TVA    | PRN: P2002-0301            | 52-29-51-4  | SEE NOTE A          | 0.9 | 6.1 |
| C   | 11NOV2003 | LTS/MJS    | PRN: P2003-1024            | 52-29-53-4  | SEE NOTE A          | 2.5 | 7.6 |

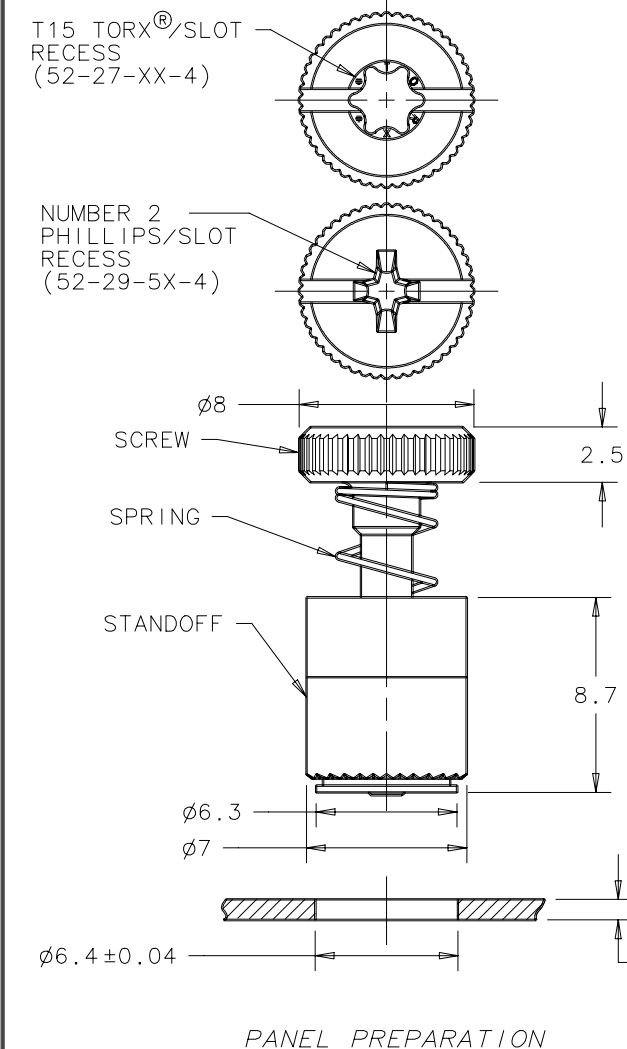
**MILLIMETERS**

ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.



THIRD ANGLE PROJECTION

A4 PAPER SIZE



NOTES:

A- SCREW: STEEL, HARDENED, ZINC PLATE, CHROMATE PLUS SEALER  
 SPRING: 302 STAINLESS STEEL, PASSIVATED  
 STANDOFF: STEEL, ZINC PLATE, CHROMATE PLUS SEALER

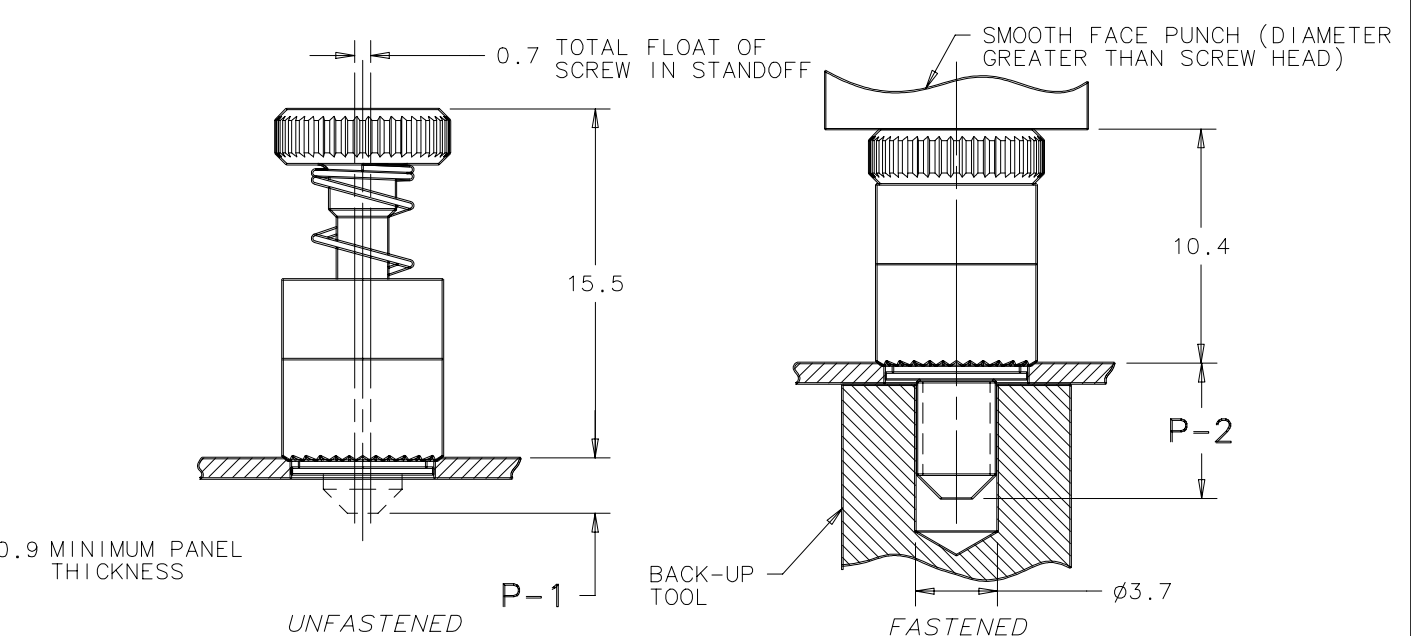
B- FOR A BLACK ASSEMBLY ADD A -5 INSTEAD OF A-4 TO THE PART NUMBER (EXAMPLE: 52-29-53-5)

B- INSTALLATION INSTRUCTIONS:

1. PREPARE HOLE IN THE PANEL AS SHOWN. OUTSIDE EDGE MUST BE SHARP; DO NOT CHAMFER.
2. PUNCH SURFACE AND BACK-UP TOOL SURFACE MUST REMAIN PARALLEL DURING INSTALLATION. A HARDENED STEEL BACK-UP TOOL WITH A CLEARANCE HOLE AS SHOWN, IS RECOMMENDED.
3. PRESS THE ASSEMBLY INTO THE PANEL UNTIL ONLY THE TOP OF THE KNURL ON THE STANDOFF IS VISIBLE. RECOMMENDED LOAD OF 10,000N FOR STEEL,  $R_B < 60$  MAX. RECOMMENDED LOAD OF 5,500N FOR 5052-H32 ALUMINUM.

C- TORX® IS A REGISTERED TRADEMARK OF THE CAMCAR DIVISION OF TEXTRON INC.

D- RECOMMENDED MAXIMUM TIGHTENING TORQUE OF 110 N-cm.



0.9 MINIMUM PANEL THICKNESS