

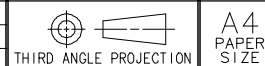
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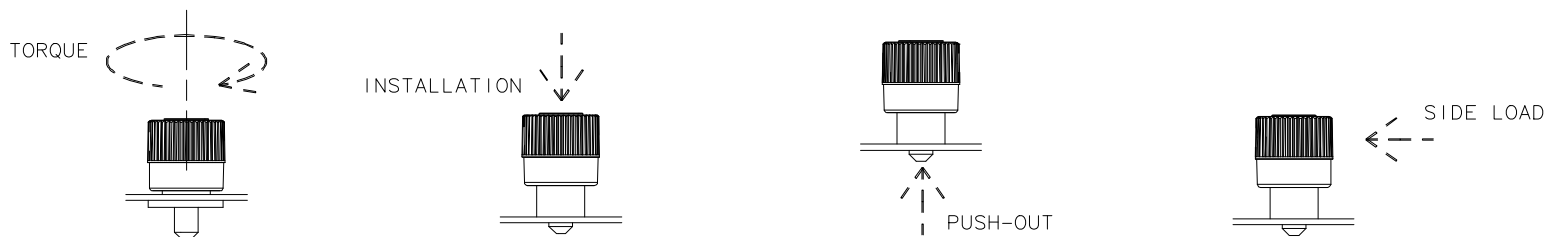
4C PRESS-IN CAPTIVE SCREW

| | | | | |
|-----------|-------|------|-------|----------------|
| DATE | DRAWN | CHKD | SCALE | DRAWING NUMBER |
| 21MAR2003 | GDM | SP | NTS | TD-4C-P-01-J |

| REV | DATE | DRAWN/CHKD | DESCRIPTION | | | | | | |
|-----|------|------------|-------------|--|--|--|--|--|--|
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SOUTHCO PERFORMANCE GUIDELINES
 THE PERFORMANCE GUIDELINES SHOWN ON THIS PAGE ARE SUPPLIED AS A GENERAL GUIDE ONLY, AS CONDITIONS VARY WITH EACH APPLICATION AND METHOD OF INSTALLATION. STRENGTH DATA GIVEN IS FOR FAILURE OF THE PRODUCT OR FOR SUFFICIENT DEFORMATION TO MAKE PRODUCT INOPERABLE. NO SAFETY FACTOR HAS BEEN APPLIED. IT IS RECOMMENDED THAT THE USER REQUEST A PRODUCT SAMPLE FOR TESTING TO DETERMINE THE SUITABILITY OF THE PRODUCT FOR THE PURPOSE INTENDED AND USER'S PARTICULAR APPLICATION.



| 4C PRESS-IN CAPTIVE SCREW | | | | | | | | | | | | | | | | |
|---------------------------|-------------------|-------------------------------|--------|------|---------------------------|--------|------|----------------------------|------|--------|------------------------|-----|------|-------------------------|-----|------|
| ASSEMBLY PART NUMBER | SCREW THREAD SIZE | RECOMMENDED TIGHTENING TORQUE | | | AVERAGE TORQUE TO FAILURE | | | AVERAGE INSTALLATION FORCE | | | AVERAGE PUSH-OUT FORCE | | | AVERAGE SIDE LOAD FORCE | | |
| | | Ncm | lbf-in | NOTE | Ncm | lbf-in | NOTE | N | lbf | NOTE | N | lbf | NOTE | N | lbf | NOTE |
| 4C-P□-06-□P0-K□□□ | 6-32 | 110 | 9.6 | (4) | 280 | 24.8 | (5) | 5500 | 1236 | (1) | 510 | 115 | (1) | 165 | 37 | (1) |
| 4C-T□-06-□P0-K□□□ | | | | | 350 | 30.9 | (6) | 11000 | 2473 | (2)(3) | 1270 | 285 | (2) | 345 | 77 | (2) |
| 4C-P□-10-□P0-K□□□ | 10-32 | 175 | 16 | (7) | 265 | 23.5 | (5) | 7000 | 1574 | (1) | 908 | 204 | (1) | 285 | 64 | (1) |
| 4C-T□-10-□P0-K□□□ | | | | | 1170 | 103.6 | (6) | 11000 | 2473 | (2)(3) | 1787 | 402 | (2) | 293 | 66 | (2) |
| | | | | | | | | | | | 1628 | 366 | (3) | 478 | 108 | (3) |

1. ASSEMBLIES WERE INSTALLED AND TESTED IN 0.9mm (.036in) THICK 5052-H32 ALUMINUM PANELS.
2. ASSEMBLIES WERE INSTALLED AND TESTED IN 0.9mm (.036in) THICK ASTM A109 TEMPER 5 STEEL PANELS (HRB 55 MAX).
3. ASSEMBLIES WERE INSTALLED AND TESTED IN 0.9mm (.036in) THICK ASTM A109 TEMPER 2 STEEL PANELS (HRB 70-85).
4. REFERENCE - ASSEMBLY ENGINEERING MASTERS CATALOG: VOL. 10, 1971 © HITCHCOCK PUBLISHING CO.
5. FAILURE OF THE #2 PHILLIPS TOOL RECESS.
6. FAILURE OCCURRED IN THE BREAKAGE OF SCREW SHANK.
7. RECOMMENDED TIGHTENING TORQUE IS BASED ON A STATISTICAL MODEL OF TORQUE TO FAIL A #2 PHILLIPS RECESS.
8. MINIMUM KNOB RETENTION ON SCREW: TORQUE - 32.4 Ncm (2.9lbf-in), AXIAL FORCE - 355N (80lbf)