
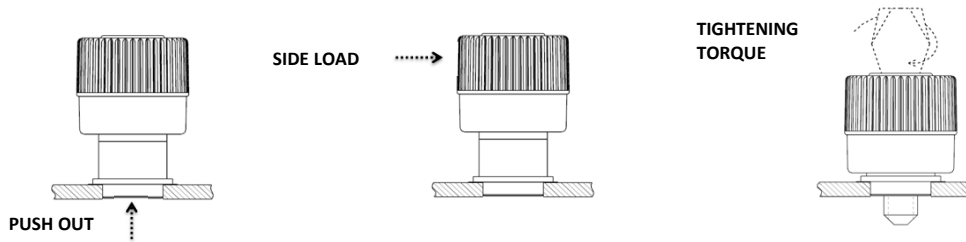
			PROPRIETARY ITEM - EXCEPT FOR USES EXPRESSLY GRANTED IN WRITING INFORMATION DISCLOSED HERON IS CONFIDENTIAL AND ALL RIGHTS PATENT AND OTHERWISE ARE RESERVED BY SOUTHCO, INC.			<b>4C-SM SMT CAPTIVE SCREW</b>			DATE	DRAWN	CHKD	SCALE	DRAWING NUMBER
									19-Dec-12	JQ	TVA	NTS	<b>TD-4C-SM-1-J</b>
REV.	DATE	DRAWN	REVISION										
A	1-Feb-13	JQ/TVA	PRN: P2013-0297										THIRD ANGLE PROJECTION 
												<b>A4 PAPER SIZE</b>	

**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 THE 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.



**\*B\* RECESS STYLES**

- 1 - No.2 PHILLIPS (M3 AND 4-40)
- 3 - No.2 PHILLIPS/SLOT (6-32)
- 4 - T10 TORX®/SLOT (M3 AND 4-40)
- T15 TORX®/SLOT (6-32)

**\*D\* HEAD STYLES**

- K - KNURLED
- N - SMOOTH

**\*EEE\* KNOB COLORS**

- 000 - BLACK
- SEE J-47-0-3 FOR ADDITIONAL COLORS

**\*P\* PACKAGE**

- R - REEL PACKAGE
- T - TRAY PACKAGE

ASSEMBLY PART NUMBER	SCREW SIZE	AVERAGE PUSH-OUT FORCE N (lbf) ① ②	AVERAGE SIDE-LOAD FORCE N (lbf) ③	RECOMMENDED TIGHTENING TORQUE N_cm (lbf_in) ④	AVERAGE ULTIMATE TIGHTENING TORQUE N_cm (lbf_in) ⑤
4C-SM-1B11-DEEE-P	4-40	740 (166)	160 (35)	60 (5.2)	186 (16)
4C-SM-1B21-DEEE-P					
4C-SM-1B12-DEEE-P					
4C-SM-3B11-DEEE-P	M3	740 (166)	160 (35)	60 (5.2)	186 (16)
4C-SM-3B21-DEEE-P					
4C-SM-3B12-DEEE-P					
4C-SM-2B11-DEEE-P	6-32	553 (124)	269 (60)	110 (9.6)	380 (33)
4C-SM-2B21-DEEE-P					
4C-SM-2B12-DEEE-P					

1. ASSEMBLIES WERE INSTALLED AND TESTED IN 1.6mm (.063inch) THICK PCB WITH LEAD-FREE SOLDER PAD INSTALLATION HOLE . EACH PCB (2 inch x 5 inch) INSTALLED WITH 10 PCS ASSEMBLIES UNDER THE REFLOW PROFILE AS RIGHT PICTURE SHOWN.
  2. FAILURE OCCURED IN THE SCREW PUSHING OUT OF THE ASSEMBLY, OR THE ASSEMBLY PUSHING OUT OF THE PANEL, OR THE STANDOFF SPLITTING.
  3. FAILURE OCCURED IN THE ASSEMBLY REMOVED FROM PANEL.
  4. REFERENCE - ASSEMBLY ENGINEERING MASTERS CATALOG;VOL. 10, 1971(C)HITCHCOCK PUBLISHING CO.
  5. FAILURE OCCURED IN THE BREAKING OF THE SCREW SHANK, RECESS STRIPPED OR THREADS STRIPPED.
- REF: TR4C-SM-11836

