PROPRIETARY ITEM - EXCEPT FOR USES EXPRESSLY GRANTED IN WRITING INFORMATION DISCLOSED HEREON IS CONFIDENTIAL AND ALL RIGHTS PATENT AND OTHERWISE ARE RESERVED BY SOUTHCO, INC.

SOUTHCO No. 47 CAPTIVE FASTENER
M4 THREAD, FLARE-IN STYLE

DATE	DRAWN	CHKD	SCALE	DRAWING NUMBER
5/28/91	JAD		2:1	J-47-1-M4

REV	DATE	DRAWN/CHKD	DESCRIPTION
J	24OCT2002	DLH/AJH	PRN: P2002-0829
K	03SEP2003	AAB/CHW	PRN: P2003-0769
L	23MAY2006	MJS/RLR	PRN: P2006-0726

PART NUMBER	SCREW PROJECTION		PANEL THICKNESS		B	L
	P-1	P-2	A, MIN	A, MAX		
47-80-3X2-YZ	1.2	6.3	1.5	3.2	0.4	1.8
47-81-3X2-YZ	2.8	7.9				
47-82-3X2-YZ	4.4	9.5				
47-83-3X2-YZ	6	11.1				
47-80-3X4-YZ	2.8	7.9	3.2	4.8	1.6	3.4
47-81-3X4-YZ	4.4	9.5				
47-82-3X4-YZ	6	11.1				
47-80-3X6-YZ	4.4	9.5	4.8	6.4	3.2	5
47-81-3X6-YZ	6	11.1				
47-80-3X8-YZ	6	11.1	6.4	7.9	4.8	6.6

MILLIMETERS

ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

THIRD ANGLE PROJECTION | A3 PAPER SIZE

NOTES:
A. MATERIAL AND FINISH:
- KNOB: 6000 SERIES ALUMINUM
- SCREW: 400 SERIES STAINLESS STEEL, PASSIVATED; OR HARDENED CARBON STEEL, ZINC PLATE, CHROMATE PLUS SEALER (SEE "Z" TABLE) (NOTE: KNOB AND TOP OF SCREW AVAILABLE WITH POWDER COATING; SEE "Y" TABLE)
- FERRULE: 6000 SERIES ALUMINUM, NATURAL
- SPRING: 300 SERIES STAINLESS STEEL, PASSIVATED

B. RoHS COMPLIANT.

"X" SCREW RECESS

0 - SLOTTED
2 - No.2 PHILLIPS
4 - T25 TORX®
6 - T25 TORX®SLOT COMBINATION
8 - No.2 PHILLIPS/SLOT COMBINATION

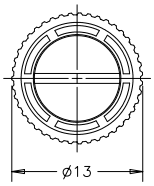
"Y" FINISH ON KNOB & SCREW HEAD

1 - BRIGHT
4 - CUSTOM COLOR. SEE J-47-0-3 FOR ADDITIONAL SUFFIX
5 - BLACK POWDER COATED

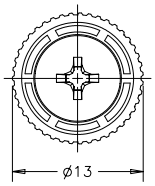
"Z" KNOB TYPE AND SCREW MATERIAL

KNOB	SCREW MATERIAL	RECESS	
		SLOTTED PHILLIPS	TORX® TORX®/SLOT PHILLIPS/SLOT
KNURLED	STAINLESS STEEL	0	N/A
SMOOTH	STAINLESS STEEL	1	N/A
KNURLED	STEEL	4	0
SMOOTH	STEEL	5	1

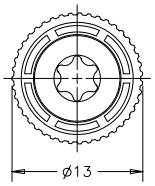
KNURLED KNOBS



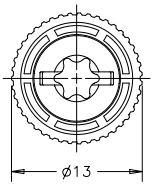
SLOTTED RECESS



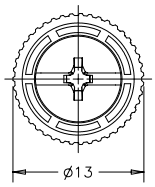
No. 2 PHILLIPS RECESS



T25 TORX® RECESS

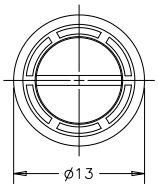


T25 TORX®SLOT RECESS

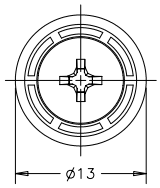


No. 2 PHILLIPS/SLOT RECESS

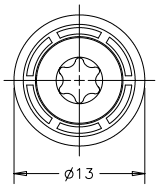
SMOOTH KNOBS



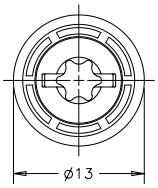
SLOTTED RECESS



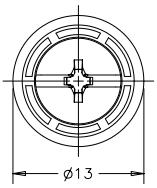
No. 2 PHILLIPS RECESS



T25 TORX® RECESS



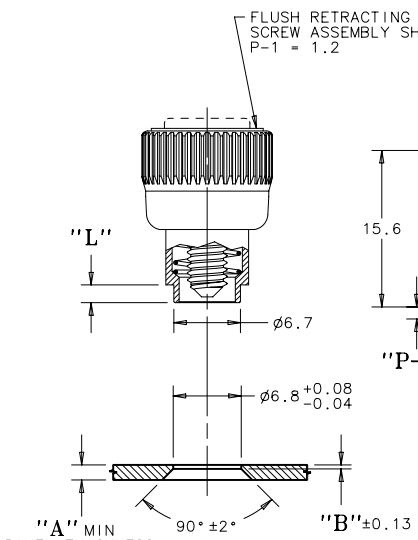
T25 TORX®SLOT RECESS



No. 2 PHILLIPS/SLOT RECESS

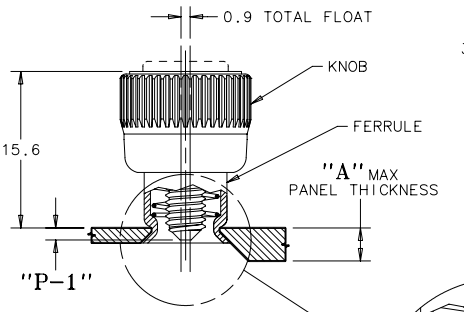
TO INSTALL FASTENER:

1. DRILL, THEN COUNTERSINK ACCORDING TO THE REQUIRED "B" DIMENSION.
2. INSERT FASTENER AND FLARE INTO COUNTERSINK WITH INSTALLATION TOOL PART NUMBER 47-108 OR 29-47-504-10.
3. FOR INSTALLATION FORCE GUIDELINES SEE DRAWING TD-47-11-J.

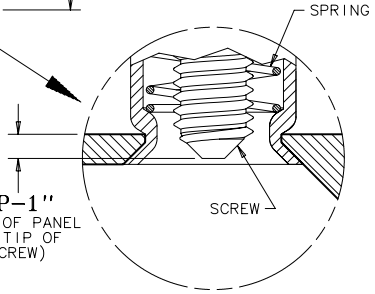


PANEL PREPARATION
PART NUMBER: 47-80-3X2-Y0 SHOWN

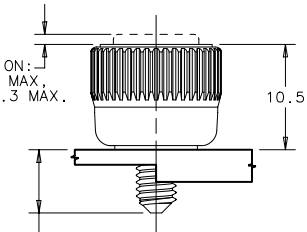
NOTE: KNOB AND SCREW ARE SPRING LOADED OUTWARD, AS SHOWN BELOW



UNFASTENED
PART NUMBER: 47-80-3X2-Y0 SHOWN



SCALE: 4:1



FASTENED
PART NUMBER: 47-80-3X2-Y0 SHOWN

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DRAWING NUMBER J-47-1-M4