

<b>southco</b>		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.			NO. 47 SENTINEL™ SCREW ASSEMBLY PRESS-IN STYLE, M4/8-32 THREAD SIZE			DATE	DRAWN	CHKD	SCALE	DRAWING NUMBER
								14JUN96	JSS	CRS	2:1	J-47-3-M4-1
REV	DATE	DRAWN/CHKD	DESCRIPTION	PART NUMBER	P-1	P-2	*T*	<b>MILLIMETERS</b>				
A	15AUG96	JSS	PRN: 47-221	47-W0-3X1-Y2	0.7	5.6	19	ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.				
B	06SEP96	JSS	PRN: 47-223	47-W1-3X1-Y2	2.3	7.2	21					
C	19MAR98	MDM	PRN: 47-299	47-W2-3X1-Y2	3.8	8.7	22					
D	01JUL99	MJS	PRN: 47-452	47-W3-3X1-Y2	5.4	10.3	24					
E	18JUL2005	CSC/MDY	PRN: P2005-0746									
F	28MAR2006	RLR/MDY	PRN: P2006-0276									
G	14FEB2012	CMS/TVA	PRN: P2011-1182									
								THIRD ANGLE PROJECTION		A3 PAPER SIZE		

NOTES:

A. MATERIAL AND FINISH:

KNOB: ALUMINUM, NATURAL OR BLACK ORGANIC COATING.

SCREW: 1008 CASE HARDENED STEEL, ZINC PLATE CHROMATE PLUS SEALER OR BLACK ORGANIC COATING.

FERRULE: CASE HARDENED STEEL, ZINC PLATE CHROMATE PLUS SEALER.

SPRING: 302 STAINLESS STEEL, PASSIVATED.  
RATCHET MECHANISM: HARDENED STEEL, BLACK OXIDE

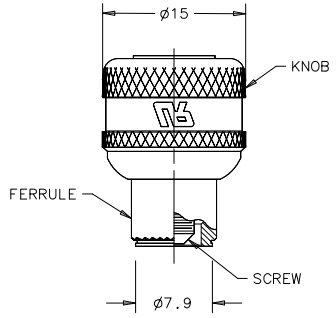
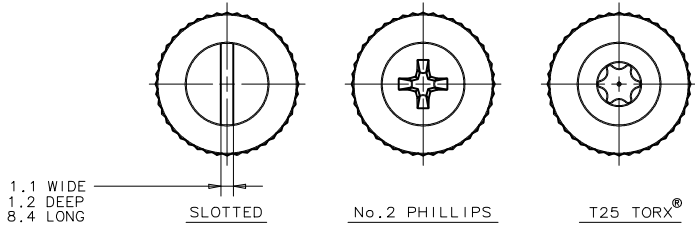
B. FOR USE IN LOW CARBON STEELS, ALUMINUM AND STAINLESS STEELS IN THE ANNEALED CONDITION THAT ARE R<sub>B</sub>85 OR SOFTER.

'W' THREAD	'X' SCREW RECESS	'Y' FINISH ON KNOB & SCREW
6- 8-32	0- SLOTTED	2- NATURAL (BRIGHT)
9- M4	2- PHILLIPS	6- BLACK
	4- TORX®	

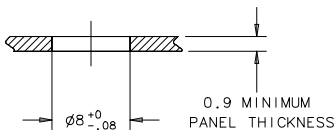
INSTALLATION INSTRUCTIONS:

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 INSTALLATION HOLE.
3. PROVIDE A SOLID BACK-UP SURFACE BEHIND THE PANEL WITH A CLEARANCE HOLE OF  $\phi 4.4 \pm 0.2$  FOR THE SCREW.
4. PRESS THE KNURL INTO PANEL UNTIL ONLY THE TOP OF THE KNURL ON THE FERRULE IS VISIBLE.
5. HAND TIGHTEN FIRMLY TO ENGAGE THE RATCHET MECHANISM.

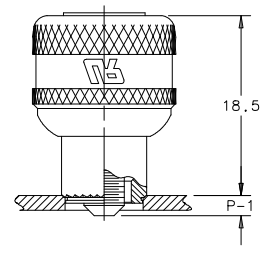
SCREW RECESS STYLES



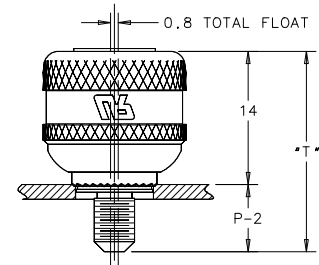
UNFASTENED SCREW RETRACTED



PANEL PREPARATION



UNFASTENED SCREW PROJECTED



FASTENED