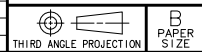


southco				NO. 47 SENTINEL™ SCREW ASSEMBLY PRESS-IN STYLE, 6-32 THREAD SIZE			DATE 01APR96	DRAWN JSS	CHKD CRS	SCALE 2:1	DRAWING NUMBER J-47-3-632-1
PROPRIETARY ITEM - EXCEPT FOR USES EXPRESSLY GRANTED IN WRITING INFORMATION DISCLOSED HEREON IS CONFIDENTIAL AND ALL RIGHTS PATENT AND OTHERWISE ARE RESERVED BY SOUTHCO, INC.				PART NUMBER	P-1	P-2	*T*				
REV	DATE	DRAWN/CHKD	DESCRIPTION								
A	15AUG96	JSS	PRN: 47-221	47-W0-2X1-Y2	.02	.21	.75				
B	06SEP96	JSS	PRN: 47-223	47-W1-2X1-Y2	.09	.27	.81				
C	03APR98	MDM	PRN: 47-299	47-W2-2X1-Y2	.15	.33	.87				
D	09APR98	VP	PRN: 47-312	47-W3-2X1-Y2	.21	.40	.94				
E	17JUN98	MBC	PRN: 47-312A								
F	18JUL2005	CSC/MDY	PRN: P2005-0746								
G	28MAR2006	RLR/MDY	PRN: P2006-0276								
H	14FEB2012	CMS/TVA	PRN: P2011-1182								

INCHES

ALL DIMENSIONS WITHOUT
TOLERANCES ARE FOR
REFERENCE ONLY.



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

W THREAD

6- 6-32

X SCREW RECESS

0- SLOTTED

2- PHILLIPS

4- TORX®

6- TORX®/SLOT COMBINATION

Y FINISH ON KNOB AND SCREW

2- NATURAL (BRIGHT)

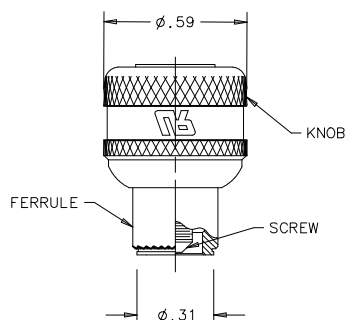
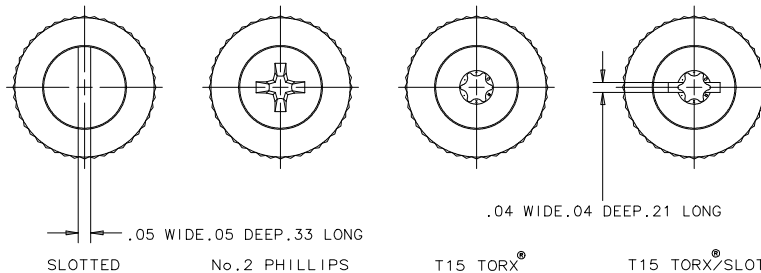
6- BLACK

B. FOR USE IN LOW CARBON STEELS, ALUMINUM AND STAINLESS
STEELS IN THE ANNEALED CONDITION THAT ARE R_B85 OR SOFTER.

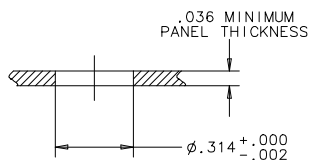
INSTALLATION INSTRUCTIONS:

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 .47.
2. PLACE FERRULE INTO INSTALLATION HOLE.
3. PROVIDE A SOLID BACK-UP SURFACE BEHIND
THE PANEL WITH A CLEARANCE HOLE OF
Ø.146 $\pm .004$ 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.

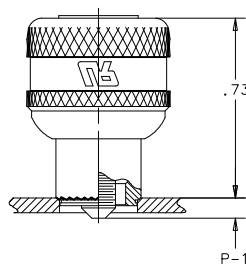
SCREW RECESS STYLES



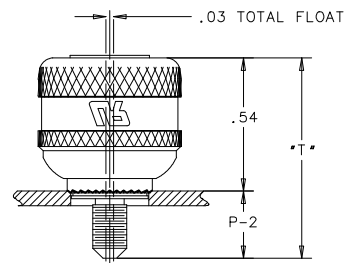
UNFASTENED
SCREW RETRACTED



PANEL PREPARATION



UNFASTENED
SCREW PROJECTED



FASTENED