

southco®

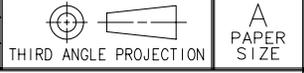
PROPRIETARY ITEM - EXCEPT FOR USES EXPRESSLY GRANTED IN WRITING INFORMATION DISCLOSED HEREON IS CONFIDENTIAL AND ALL RIGHTS PATENT AND OTHERWISE ARE RESERVED BY SOUTHCO, INC.

No. 93 TURN TO OPEN

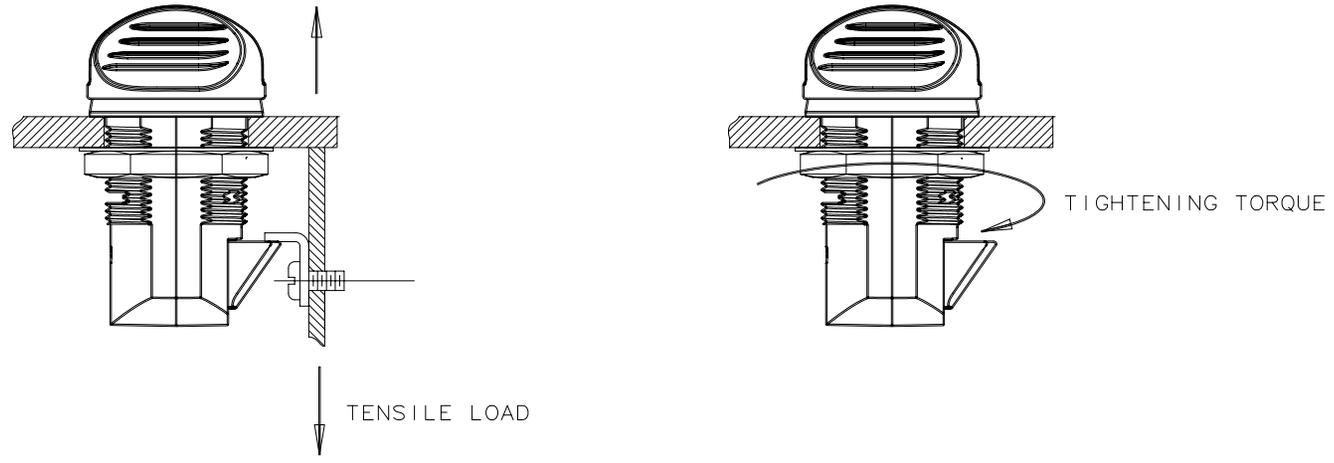
DATE	DRAWN	CHKD	SCALE
17JAN2005	MJS	SK	1:1

DRAWING NUMBER
TD-93-3-J

REV	DATE	DRAWN/CHKD	DESCRIPTION
1	20JAN2005	JWJ	UPDATED NOTES



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.



PART NO.	TENSILE LOAD		MAX RECOMMENDED TORQUE ON MOUNTING NUT
	MAXIMUM STATIC WORKING LOAD	AVERAGE ULTIMATE LOAD	
93-402 AND 93-403	425 N / 100 LBS	570 N / 130 LBS ^①	6 Nm / 53 IN-LBS ^②

WORKING LOAD is the maximum load the product withstands without affecting operation or appearance at room temperature.
 ULTIMATE LOAD causes failure of the product or sufficient deformation to make it inoperable at room temperature.
 Average tested cycle life of the turn to open latch assembly was in excess of 10,000 cycles.
 Tested working temperature range of latch: -20°C/0°F to 65°C/150°F

- ① Over-loading may result in pawl shearing off. Tests were performed with Southco keeper.
- ② Over-torquing may result in damaged threads.