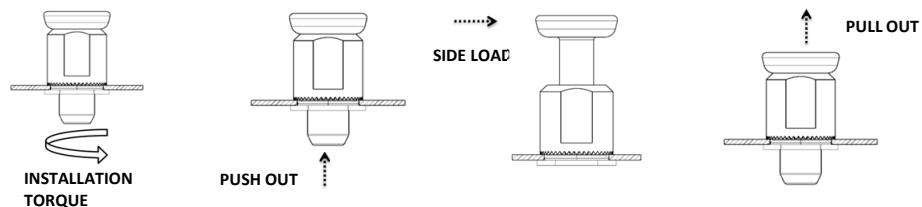


southco CONNECT • CREATE • INNOVATE			PROPRIETARY ITEM - EXCEPT FOR USES EXPRESSLY GRANTED IN WRITING INFORMATION DISCLOSED HEREON IS CONFIDENTIAL AND ALL RIGHTS PATENT AND OTHERWISE ARE RESERVED BY SOUTHCO, INC.			56 THREAD-IN PLUNGER	DATE 5-Nov-18	DRAWN JQ	CHKD LC	SCALE NTS	DRAWING NUMBER TD-56-8-J
REV.	DATE	DRAWN	REVISION								THIRD ANGLE PROJECTION 
B	28-Nov-18	JQ/LC	PRN: P2018-2733								
											A4 PAPER SIZE

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.



ASSEMBLY PART NUMBER	SIZE SERIES	MINIMUM ULTIMATE INSTALLATION TORQUE N.m ① ② ③	MINIMUM PUSH-OUT FORCE N ④	MINIMUM SIDE-LOAD FORCE N ⑤	MINIMUM PULL-OUT FORCE N ⑥
56-30-15	MINI	2.3	1250	180	600
56-330-EEE			1720	200	600
56-130-EEE			1220	200	540
56-180-EEE	SMALL	2	2000	260	540
56-380-EEE			2260	340	200
56-80-15			2400	270	540
56-280-EEE	LARGE		1880	320	350

- MINI SIZE INSTALLED AND TESTED IN 1.0mm THICK COLD ROLLED STEEL PANELS (MAXIMUM Rb60).
 - SMALL AND LARGE SIZES INSTALLED AND TESTED IN 1.3mm THICK COLD ROLLED STEEL PANELS (MAXIMUM Rb60).
 - FAILURE OCCURED IN THE SLEEVE NUT DEFORMED.
 - FAILURE OCCURED IN THE FERRULE, KNOB OR SLEEVE NUT BROKEN.
 - FAILURE OCCURED IN THE SLEEVE NUT BROKEN.
 - FAILURE OCCURED IN THE END CAP RELEASED FROM STUD.
- REF: TR56-35737