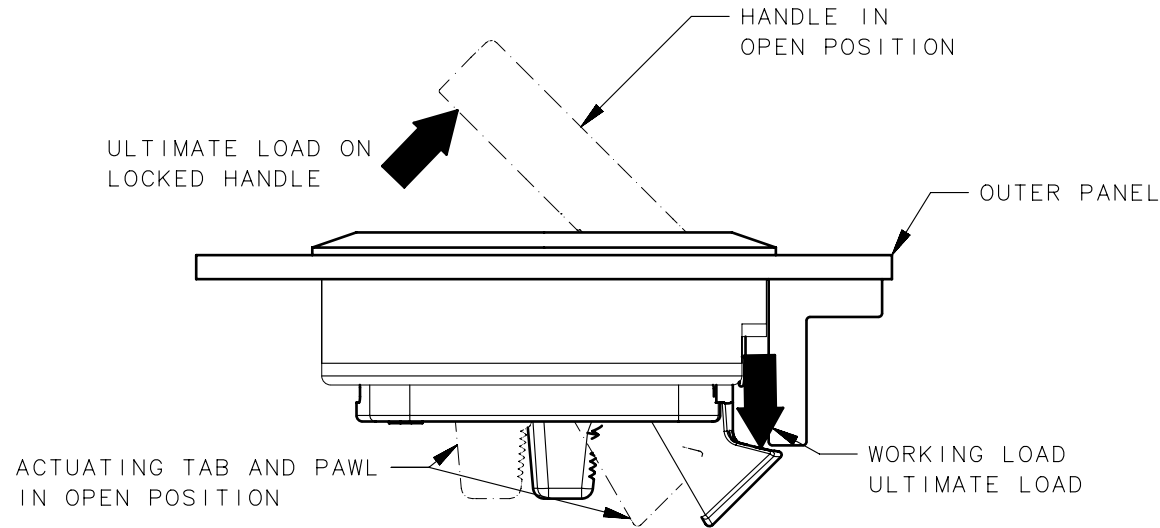


REVISION HISTORY			
REV	DATE	BY	DESCRIPTION
H	08NOV2023	HRS/CAD	PRN: P2023-2052

SOUTHCO PERFORMANCE GUIDELINES

THE PERFORMANCE GUIDELINES SHOWN ON THIS PAGE ARE SUPPLIED AS A GENERAL GUIDELINE 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 NUMBER	MOUNTING SCREW SIZE	MAX. RECOMMENDED WORKING LOAD (A)	AVERAGE ULTIMATE LOAD (B)	MAX. RECOMMENDED TIGHTENING TORQUE ON MOUNTING SCREW	AVERAGE ULTIMATE LOAD ON LOCKED HANDLE (LOCKABLE VERSION ONLY) (C)
M1-4/6X M1-4/6X-1 M1-4/6X-7	M5	270 N (60 lbf)	445 N (100 lbf)	2.8 Nm (25 lbf in)	90 N (20 lbf)
M1-4/6X-8		835 N (187 lbf)	1265 N (284 lbf)		2520 N (557 lbf)
M1-4/6X-8XX		270 N (60 lbf)	445 N (100 lbf)		260 N (58.5 lbf)
M1-25-4/6X-X8		1035 N (232 lbf)	1530 N (344 lbf)		1580 N (355 lbf)
M1-15-4/6X-8	6-32	545 N (122 lbf)	806 N (181 lbf)	1 Nm (8.8 lbf in)	--

- (A) WORKING LOAD is the maximum recommended load at which the product continues to function properly.
- (B) ULTIMATE LOAD is the load that causes excessive pawl deformation, which renders the product inoperable.
- (C) AVERAGE ULTIMATE LOAD ON LOCKED HANDLE is the load which is necessary to force open the handle when locked.

CPB NUMBER 2020-1157	THIRD ANGLE PROJECTION	<b>southco</b> <sup>®</sup> CONNECT • CREATE • INNOVATE
	MILLIMETERS [IN]	
SURFACE AREA -mm <sup>2</sup>	TOLERANCES UNLESS OTHERWISE NOTED	DESCRIPTION FLUSH PULL LATCH
VOLUME -mm <sup>3</sup>	UP TO 0.5 ±0.05 OVER 0.5 UP TO 6 ±0.1 OVER 6 UP TO 30 ±0.2 OVER 30 ±0.3 ANGLES ±1°	SIZE SYSTEM A4 NX
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.	PER ASME Y14.5M-2009	DWG NO. TD-M1-1-J
		DRAWN BY ALC/ACZ
		DATE 13MAY1993
		SCALE 1:1
		SHEET 1 OF 1

REF:M1-04,12,38. trM1-1141465