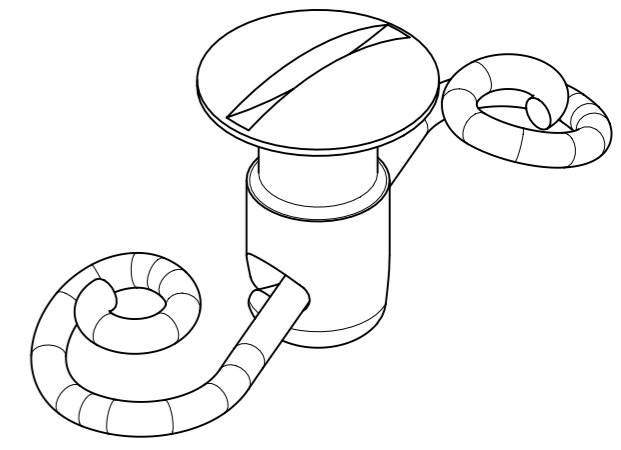


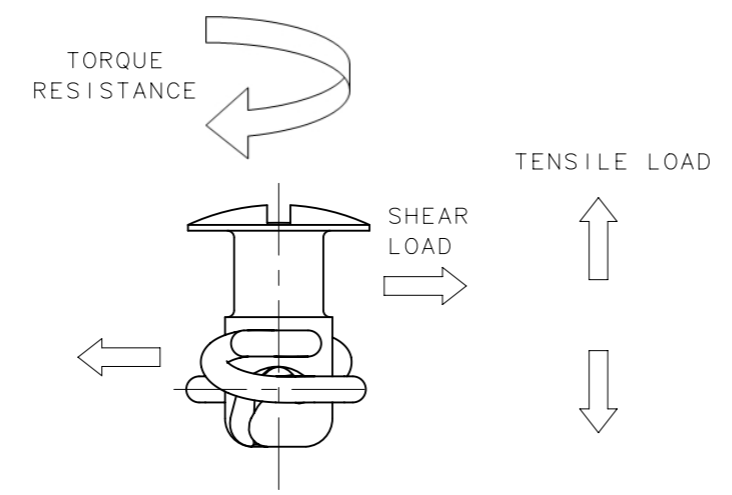
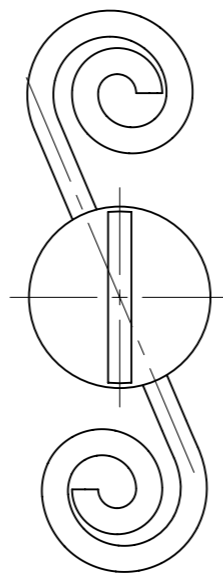
REVISION HISTORY			
REV	DATE	BY	DESCRIPTION
A	15DEC2017	NSB/DMS	PRN: P2018-0076

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 PRODUCTS 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.



SCALE 2:1



PART NUMBERS TESTED AS ASSEMBLY	AVERAGE ULTIMATE TENSILE LOAD	AVERAGE ULTIMATE SHEAR LOAD	AVERAGE ULTIMATE TORQUE
	STEEL	STEEL	STEEL
D4-AJ6-50 (STUD)	4000 N	11600 N	800 Ncm
D4-S6-250 (RECEPTACLE)			

THIRD ANGLE PROJECTION		southco [®] CONNECT • CREATE • INNOVATE			
MILLIMETERS [IN]					
TOLERANCES UNLESS OTHERWISE NOTED		DESCRIPTION			
SURFACE AREA	UP TO 0.5 ±0.05	D4 #6 STUD WITH S-SPRING RECEPTACLE			
VOLUME	OVER 0.5 UP TO 6 ±0.1				
	OVER 6 UP TO 30 ±0.2				
	OVER 30 ±0.3				
PROPRIETARY ITEM	ANGLES ±1°	SIZE	SYSTEM	DWG NO.	
EXCEPT FOR USES EXPRESSLY GRANTED IN WRITING, INFORMATION DISCLOSED HEREON IS CONFIDENTIAL AND ALL RIGHTS, PATENT AND OTHERWISE, ARE RESERVED BY SOUTHCO, INC.		A3	NX	TD-D4-2	
PER ASME Y14.5M-1994		DRAWN BY	DATE	SCALE	SHEET
		NSB/DMS	15DEC2017	1:1.5	1 OF 1

- NOTES:
1. AVERAGE ULTIMATE LOAD CAUSES FAILURE OF THE PRODUCT OR SUFFICIENT DEFORMATION TO MAKE THE PRODUCT INOPERABLE.
 2. AVERAGE ULTIMATE TORQUE CAUSES FAILURE OF THE PRODUCT OR SUFFICIENT DEFORMATION TO MAKE THE PRODUCT INOPERABLE.
 3. REF: trD4-29543