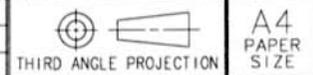
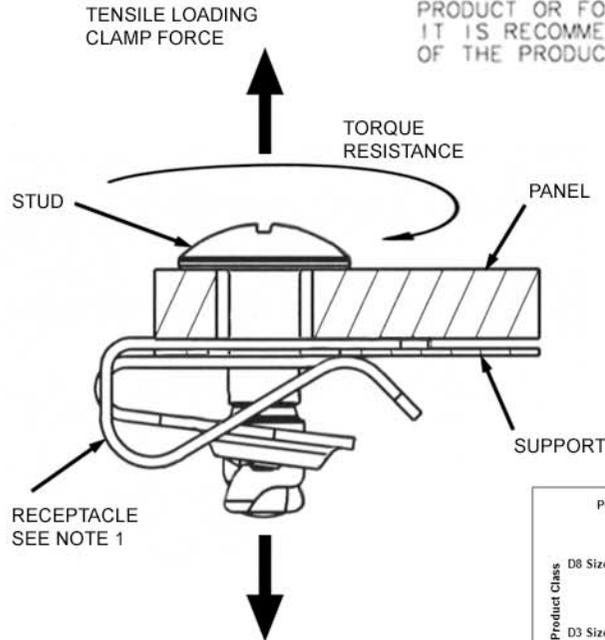


REV	DATE	DRAWN/CHKD	DESCRIPTION
A	1/04/10	DME/LJ	CUSTOMER REQUEST
B	27/07/11	DME	PRN P2011-0946



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.



PERFORMANCE CRITERIA	PRODUCT CLASS	
	D3 (SIZE #9)	D8 (SIZE #9)
MAXIMUM WORKING TENSILE LOAD (N)	270	270
AVERAGE ULTIMATE TENSILE LOAD (N)	3500	3500
AVERAGE ULTIMATE TORQUE (N.m.)	3.5	4
CYCLIC DURABILITY	500	1000

Table 1: Mechanical Performance Comparisons

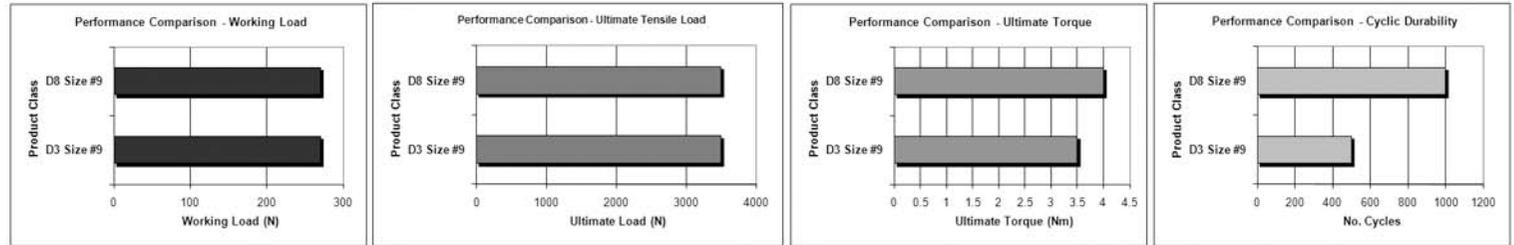


Table 2: Visual Mechanical Performance Comparisons

NOTES:

- STUDS TESTED IN CONJUNCTION WITH CLIP-ON RECEPTACLE D8-339-300-1XX.
- MAXIMUM WORKING LOAD - THE MAXIMUM RECOMMENDED LOAD AT WHICH THE PRODUCT CONTINUES TO FUNCTION PROPERLY.
- AVERAGE ULTIMATE LOAD - THE LOAD THAT CAUSES FAILURE OR EXCESSIVE DEFORMATION WHICH RENDERS THE PRODUCT INOPERABLE.
- ULTIMATE TORQUE LOAD - THE LOAD THAT CAUSES FAILURE OR EXCESSIVE DEFORMATION WHICH RENDERS THE PRODUCT INOPERABLE.
- CYCLIC DURABILITY - FIGURE IS FOR PRODUCT DRY & UNLUBRICATED. SOME WEAR WILL OCCUR WITHOUT LOSS OF PRIMARY FUNCTION. NOTE, WITH SUITABLE LUBRICATION, CYCLIC DURABILITY CAN BE IMPROVED.
- SALT SPRAY EXPOSURE TESTING IN ACCORD TO ASTM B117 - 03. SEE TABLE 3. SOME SURFACE DISCOLOURING MAY OCCUR WITHOUT LOSS OF PRIMARY FUNCTION.

FINISH SUFFIX	SUPPLY CONDITION	FINISH DESCRIPTION (RoHS COMPLIANT)	NEUTRAL SALT SPRAY PERFORMANCE (HRS)
121	STANDARD RECEPTACLE	SILVER ORGANIC ZINC GEOMET®	720
130	RECEPTACLE OPTION	SILVER ORGANIC ZINC DELTA PROTEKT®	720
131	RECEPTACLE OPTION	BLACK ORGANIC ZINC DELTA PROTEKT®	720
190	STANDARD STUD	ZINC PLATE AND TRIVALENT PASSIVATION	144

Table 3: Finish Performance Comparisons