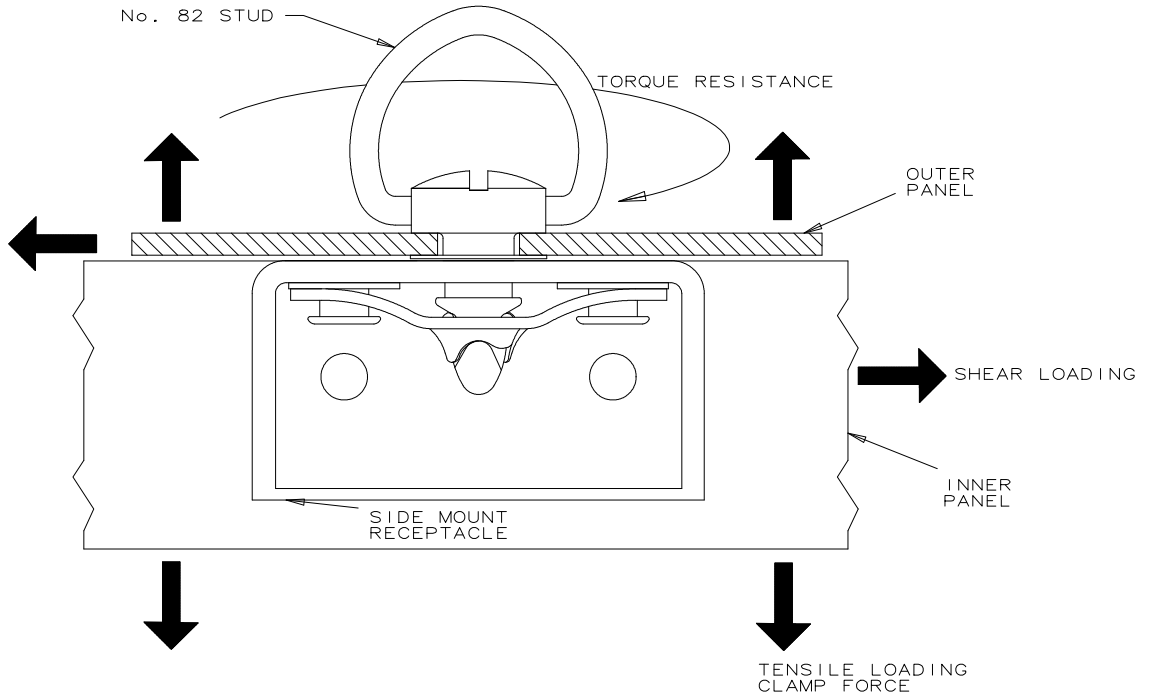


REV	DATE	09APR2002	DRAWN/CHKD	GDM	DESCRIPTION	UPDATE	FORMAT	DATE	03DEC93	DRAWN	CHKD	SCALE	DRAWING NUMBER
	A								ALC		ACZ	NTS	TD-82-9-J
PROPRIETARY ITEM - EXCEPT FOR USES EXPRESSLY GRANTED IN WRITING INFORMATION DISCLOSED HEREON IS CONFIDENTIAL AND ALL RIGHTS PATENT AND OTHERWISE ARE RESERVED BY SOUTHCO, INC.													
No. 82 LEAF SPRING RECEPTACLE WITH SIDE MOUNT BRACKET													
THIRD ANGLE PROJECTION													
A 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 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.

ALL STRENGTH RATINGS ARE INDEPENDENT OF HEAD STYLE.



PART NUMBER	82-45-101-15
MAXIMUM RECOMMENDED WORKING TENSILE STRENGTH ①	900 N (200 LBS)
AVERAGE ULTIMATE TENSILE STRENGTH ②	2220 N (500 LBS)
CLAMP FORCE ③	156 N (35 LBS)
MAXIMUM RECOMMENDED WORKING SHEAR STRENGTH ①	900 N (200 LBS)
AVERAGE ULTIMATE SHEAR STRENGTH ②	2670 N (600 LBS)
MAXIMUM TORQUE RESISTANCE ④	3.4 Nm (30 IN-LBS)

- ① WORKING LOAD is the maximum force that the product will withstand without affecting the operation or appearance of the product.
- ② Average ULTIMATE LOAD causes failure of the product or sufficient deformation to make the product inoperable.
- ③ CLAMP FORCE is the force applied to the panel when the assembly is latched at the nominal grip.
- ④ MAXIMUM TORQUE RESISTANCE is the torque that causes the stud to override the receptacle stop.

REF: 82-45