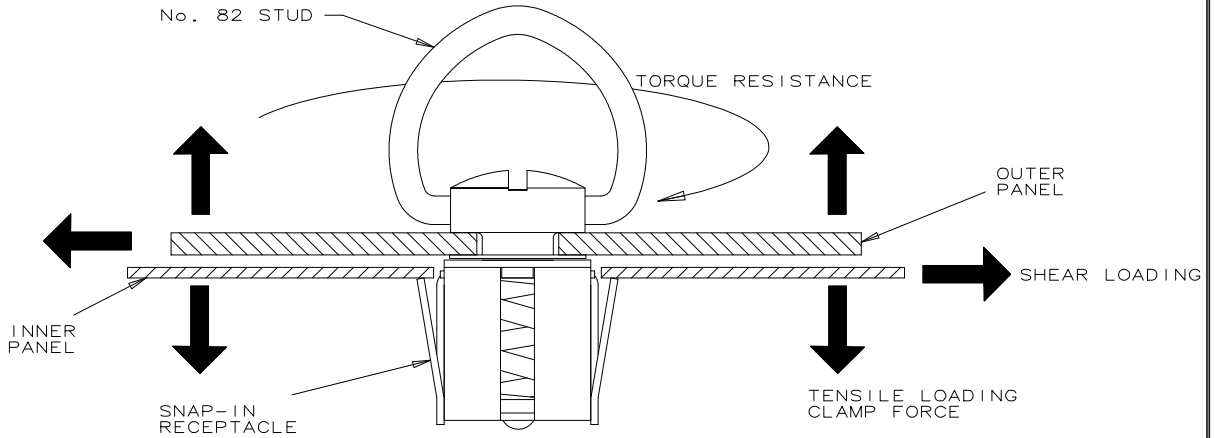


SOUTHCO PERFORMANCE GUIDELINES
 THE PERFORMANCE GUIDELINES SHOWN ON THIS PAGE ARE SUPPLIED AS A GENERAL GUIDE ONLY, AS CONDITIONS VARY WITH EACH APPLICATION AND METHOD OF INSTALLATION. STRENGTH DATA GIVEN IS FOR FAILURE OF THE PRODUCT OR FOR SUFFICIENT DEFORMATION TO MAKE PRODUCT INOPERABLE. NO SAFETY 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		82-35-309-56
MAXIMUM RECOMMENDED WORKING TENSILE STRENGTH ①		445 N (100 LBS)
AVERAGE ULTIMATE TENSILE STRENGTH ②		1550 N (350 LBS)
CLAMP FORCE ③		110 N (25 LBS)
MAXIMUM RECOMMENDED WORKING SHEAR STRENGTH ①		670 N (150 LBS)
AVERAGE ULTIMATE SHEAR STRENGTH ②		1690 N (380 LBS)
MAXIMUM TORQUE RESISTANCE ④		2.8 Nm (25 IN-LBS)
INSTALLATION FORCE ⑤		125 N (28 LBS)
PUSH-OUT FORCE ⑥		1110 N (250 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.
- ⑤ INSTALLATION FORCE is the force required to install the receptacle in to a 2.4 mm (.095 in) steel panel.
- ⑥ PUSH-OUT FORCE is the force required to push the receptacle through the frame in the direction of installation,

REF: 82-45

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No. 82 SNAP-IN RECEPTACLE

DATE
03DEC93

DRAWN
ALC

CHKD
ACZ

SCALE
NTS

DRAWING NUMBER
TD-82-12-J

REV
A

DATE
09APR2002

DRAWN/CHKD
GDM

DESCRIPTION
UPDATE FORMAT

THIRD ANGLE PROJECTION

PAPER SIZE
A