

DRAWING NUMBER
TD-82-7-J

PAPER SIZE
A

THIRD ANGLE PROJECTION

SCALE
NTS

CHKD
ALC/AZ

DATE
03DEC93

No. 82 LEAF SPRING RECEPTACLE
FOR RIVETING - WITHOUT BASE

PROPRIETARY ITEM - EXPRESSLY
GRANTED IN WRITING INFORMATION DISCLOSED
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DESCRIPTION
UPDATE FORMAT

REV
A

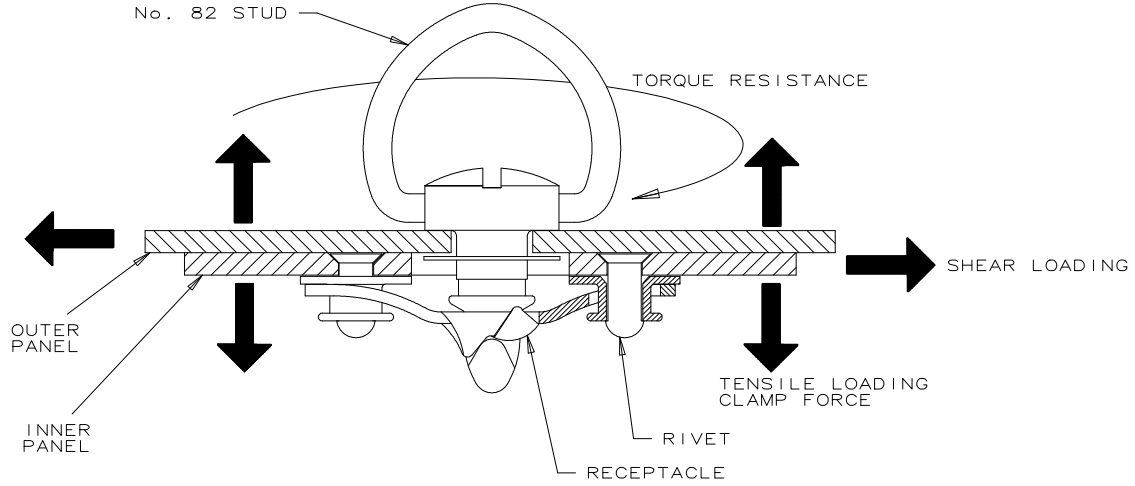
DATE
09APR2002

DRAWN/CHKD
GDM

DATE
09APR2002

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.



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|--|--------------------|--------------------|
| PART NUMBER | 82-35-295-15 | 82-35-295-20 |
| RECEPTACLE MATERIAL | STEEL | STAINLESS STEEL |
| MAXIMUM RECOMMENDED WORKING TENSILE STRENGTH ① | 900 N (200 LBS) | 900 N (200 LBS) |
| AVERAGE ULTIMATE TENSILE STRENGTH ② | 2220 N (500 LBS) | 1780 N (400 LBS) |
| CLAMP FORCE ③ | 156 N (35 LBS) | 156 N (35 LBS) |
| MAXIMUM RECOMMENDED WORKING SHEAR STRENGTH ① | 900 N (200 LBS) | 900 N (200 LBS) |
| AVERAGE ULTIMATE SHEAR STRENGTH ② | 2670 N (600 LBS) | 2670 N (600 LBS) |
| MAXIMUM TORQUE RESISTANCE ④ | 3.4 Nm (30 IN-LBS) | 2.1 Nm (18 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