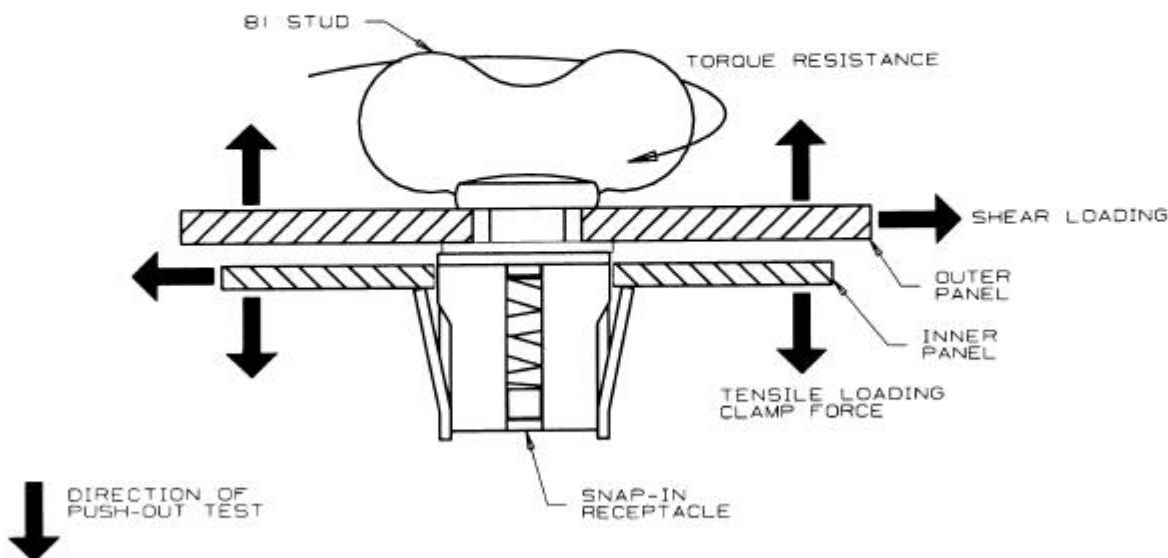


GENERAL PERFORMANCE GUIDELINES

The information shown on this page was determined under one set of test conditions. Since conditions vary with each application, it is supplied as a general guide only. No safety factor has been applied. We recommend testing the product under actual application conditions to determine its suitability for the intended use.

ALL STRENGTH RATINGS ARE INDEPENDENT OF HEAD STYLE.



PART NUMBER		81-35-309-56
MAXIMUM RECOMMENDED WORKING TENSILE STRENGTH ①		450 N (100 LBS)
AVERAGE ULTIMATE TENSILE STRENGTH ②		1250 N (280 LBS)
CLAMP FORCE ③		45 N (10 LBS)
MAXIMUM RECOMMENDED WORKING SHEAR STRENGTH ①		670 N (150 LBS)
AVERAGE ULTIMATE SHEAR STRENGTH ②		1330 N (300 LBS)
MAXIMUM TORQUE RESISTANCE ④		.60 Nm (6 IN-LBS)
INSTALLATION FORCE ⑤		110 N (25 LBS)
PUSH-OUT FORCE ⑥		580 N (130 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 into 1.4 mm (.055 IN) inner panel. (tested in 1008 - 1010 steel)
- ⑥ PUSH-OUT FORCE is the force required to push the receptacle through the inner panel (tested in 1008 - 1010 steel)

DRAWING NUMBER
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No. 81 SNAP-IN RECEPTACLE

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REF: 81-14

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REV. A 29JUN95 MMM REVISED PER PRN: 81-141
REV. B 04APR2002 MJS UPDATED LOGO

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