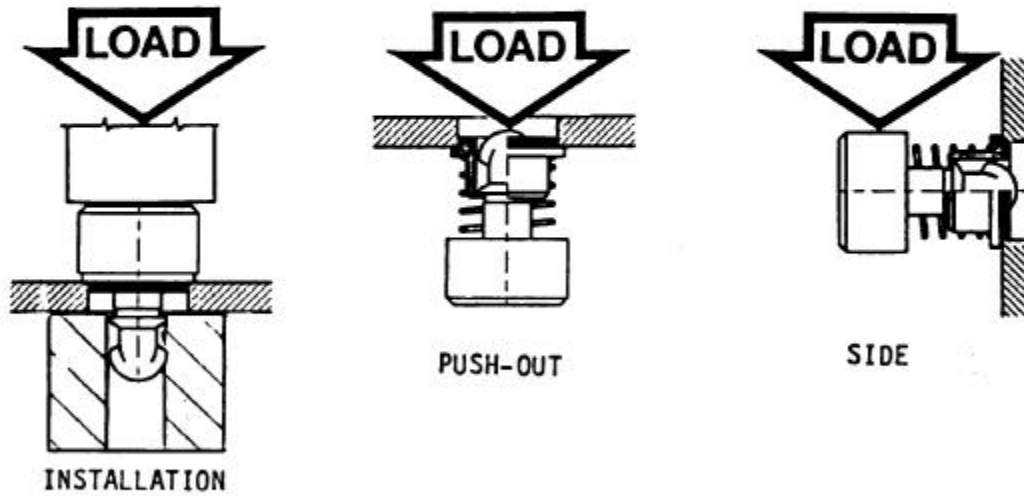


General Performance Guidelines

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 service conditions to determine its suitability for the intended use.



PART NUMBER	PANEL TYPE	PANEL THICKNESS (MM/IN)	AVG. OPTIMUM INST. FORCE (N/LBS.)	MIN PUSH-OUT FORCE HELD (N/LBS.)	MIN SIDE FORCE HELD (N/LBS.)
82-56-185-60	5052-H34 ALUMINUM ^(A)	1.22/.048	11125/2500	890/200 ⁽¹⁾	290/65 ⁽¹⁾
82-56-185-60	CR STEEL ^(B)	1.22/.048	15575/3500	1000/225 ⁽²⁾	334/75 ⁽¹⁾

- ① FAILURE OCCURRED WHEN FERRULE WAS PUSHED OUT OF THE PANEL
- ② FAILURE OCCURRED EITHER BY THE FERRULE PUSHING OUT OF THE PANEL, OR THE STUD PUSHING OUT OF THE FERRULE
- (A) MATERIAL SUPERFICIAL HARDNESS 31 (ROCKWELL 30-T SCALE)
- (B) MATERIAL SUPERFICIAL HARDNESS 43 (ROCKWELL 30-T SCALE)

APPLICATION DATA FOR STUD/RECEPTACLE COMBINATIONS

TENSILE WORKING LOAD using 82-47-113-15... 1776 N/400 lbs.

TENSILE ULTIMATE LOAD using 82-47-113-15... 3996 N/900 lbs. *

TENSILE WORKING LOAD using 82-35-302-15... 555 N/125 lbs.

TENSILE ULTIMATE LOAD using 82-35-302-15... 2220 N/500 lbs. *

TENSILE WORKING LOAD is the maximum that the product withstands without affecting the operation or appearance of the product.

TENSILE ULTIMATE LOAD causes failure of the product or sufficient deformation to make the product inoperable.

* STUD PULLED THROUGH RECEPTACLE

RE: 82-34 REV. A 4/10/2002 MJS UPDATED LOGO

NO. 82 FULLY-RETRACTING PRESS-IN STUD ASS^Y

southco

DATE 10-88 DRAWN IPB CHD AZ SCALE NTS DRAWING NUMBER TD-82-3-J

DRAWING NUMBER TD-82-3-J