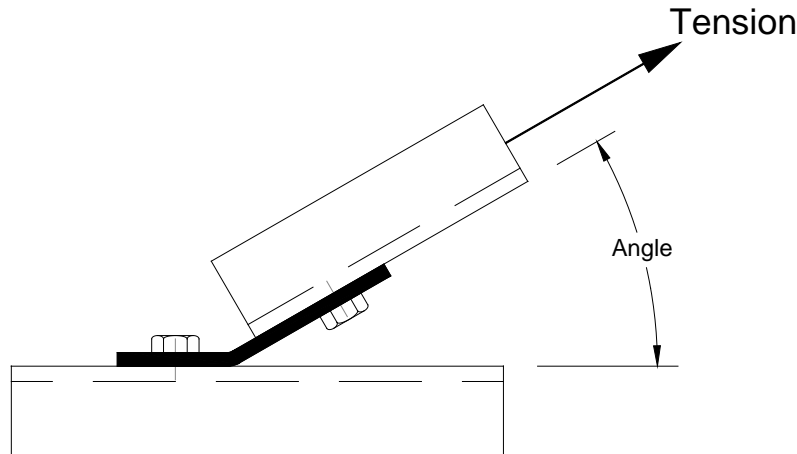


Part Description: Angular Fittings P2101 – P2103
Report Date: August 29, 2005



P/N	Angle	Ave. Ultimate Tension (lbs)	Design Tension Load (lbs)	Ave. Deflection at Design Tension Load
P2101	30°	5,000	1,500	0.088"
P2102	22 1/2°	5,200	1,500	0.093"
P2103	15°	5,900	1,500	0.130"

NOTES

1. Average Ultimate Loads from Test T-070
2. Testing Based on 1/2"-13 Channel Nut & Cap Screw Torqued to 50 ft-lbs
3. Average Safety Factor = 3.5
4. Design Loads Limited to 1,500 lbs Slip Load of 1/2"-13 Channel Nuts, SF = 3
5. Deflection is the Average of Straight Line Interpolations of the Deflection Readings at 1,000 lbs and 2,000 lbs Tension Load.
6. Deflection is Measured in the Direction of the Tension Load.

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