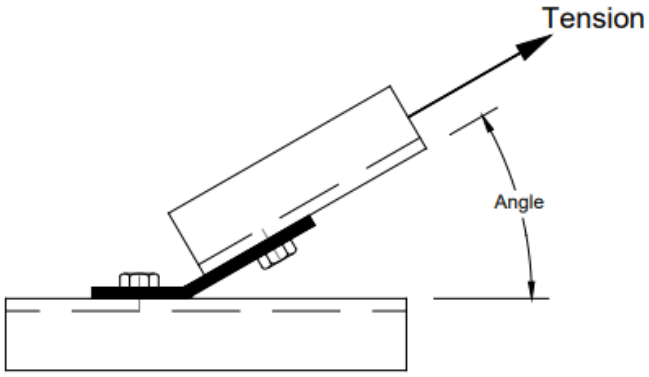
16100 South Lathrop Avenue
Harvey, IL 60426
Office: 708-339-7814
Phone: 800-882-5543
Web: atkore.com/unistrut

DESIGN LOAD REPORT

Part Description: P2101-P2104 (7.5°-30° Outside Angle Fittings)

Report Date: August 8, 2022



Part Number	Angle	Avg. Ultimate Tension (lbs)	Design Tension Load (lbs)	Avg. Deflection at Design Tension Load
P2101	30°	5,000	1,500	0.088”
P2102	22 ½°	5,200	1,500	0.093”
P2103	15°	5,900	1,500	0.130”
P2104	7 ½°	-	1,500	-

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.

Unistrut Engineering