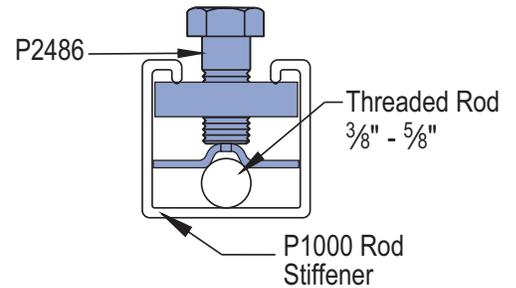
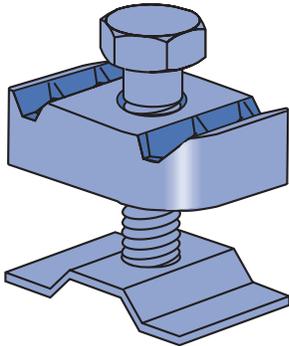




P2486

SEISMIC ROD STIFFENER

Wt/100 pcs: 16 Lbs (7.3 kg)



P2485 & P2486 – SPACING CHART

| Rod Size In (mm) | Root Area In ² (mm ²) | Radius of Gyration In (mm) | Design Load Lbs (kN) |Rod Stiffener Clip Spacing (L)..... | | | |
|---------------------|---|-------------------------------|-------------------------|---|---|---|---|
| | | | | Rod Stress @100% 10,700 PSI In (mm) | Rod Stress @75% 8,025 PSI In (mm) | Rod Stress @50% 5,350 PSI In (mm) | Rod Stress @35% 3,745 PSI In (mm) |
| 3/8 | 0.068 | 0.074 | 730 | 9 | 11 | 13 | 15 |
| 10 | 49.5 | 1.99 | 3.6 | 229 | 279 | 330 | 381 |
| 1/2 | 0.126 | 0.100 | 1,350 | 12 | 14 | 17 | 21 |
| 12 | 72.4 | 2.40 | 5.3 | 305 | 356 | 432 | 533 |
| 5/8 | 0.202 | 0.127 | 2,160 | 15 | 18 | 22 | 26 |
| 16 | 138.3 | 3.32 | 10.2 | 381 | 457 | 559 | 660 |

Notes:

1. Minimum Tensile Stress is 50,000 psi (345MPa)
2. Working Stress is 10,700 psi (73.9 MPa) – Same as for Tension
3. Compression Will Only Occur During a Seismic Event
4. Compression Requires the Use of Rod Stiffeners
5. KL/r = 200 When Rod Stress is at 35%

Refer to seismic bracing systems catalog for more detailed information.

MATERIAL

Unistrut channel nuts are manufactured from mild steel bars, and after machining operations are completed, they are case hardened, assuring positive biting action into the inturred edge of the Unistrut channel.

| Bolt Size | Channel Nut ASTM |
|--------------------|----------------------|
| 1/4" & 5/16" | A1011 SS GR45 |
| 3/8", 7/16" & 1/2" | A576 GR1015 Modified |
| 5/8" & 3/4" | A36 or A675 GR60 |
| 7/8" | A36 |

FINISHES

Nuts, bolts and washers are electro-galvanized (EG), ASTM B633 Type III SC1 finish, unless otherwise noted.

Many hardware items are also available in stainless steel. Consult factory for ordering information.

Project: _____

Approval Stamp: _____

Architect / Engineer: _____

Date: _____ Phone: _____

Contractor: _____

Address: _____

Notes 1: _____

Notes 2: _____