

## P3810 - 45° Seismic Brace Fitting (for Strut)

45° Rigid Seismic Brace Fitting - Strut Brace P3810 is a 45° fixed angle fitting for use primarily with seismic braces. This fitting can be used to attach a strut brace to a trapeze or other strut connection.

### Features

- This fitting is pre-approved for the below seismic loads on page 5c.2 of Atkore's OPM-0295-13. OPM Pre-Approved - EG finish only (OPM-0295-13)
- Use for transverse or longitudinal rigid seismic bracing
- Design Load: 1,397 lbs (along brace axis)



### Standard Dimensions (Unless Shown Otherwise on Drawing):

- **Hole Diameter:**  $\frac{9}{16}$ " (14mm)
- **Hole Spacing (From End):**  $\frac{13}{16}$ " (21mm)
- **Hole Spacing (On-Center):**  $1\frac{7}{8}$ " (48mm)
- **Width:**  $1\frac{5}{8}$ " (41mm)
- **Thickness:**

- $\frac{1}{4}$ " (6.4mm) with steel meeting or exceeding ASTM A1011 SS GR 33, or
- 0.220" (5.6mm) with steel meeting or exceeding ASTM A1011 HSLAS GR 45

### Note:

- When used for mechanical supports, load capacities of brackets and fittings should be in compliance with the American Standard Code for Pressure Piping.

### Materials & Finishes:

- **Electrogalvanized (EG):** Conforms to ASTM B633, Type III SC1 or SC3



Catalog Number	Material Type	Surface Finish	Part Weight (lb/ea)	Standard Package Weight (lb)
P3810-050 EG	Steel	Electrogalvanized	0.6	15

### Notes:

1. Seismic Design Loads only apply to UNISTRUT brand products. Look for "UNISTRUT" on the part.
2. Seismic Design Loads are based on FM1950-10 dynamic testing with 12 ga. channel and a safety factor of 1.5.
3. 1/2" Unistrut Channel Nut and Cap Screw torqued to 50 ft-lbs required for installation.
4. Reference page 5c.1 of Unistrut **OPM-0295-13**.