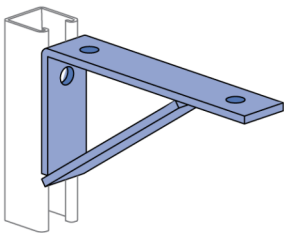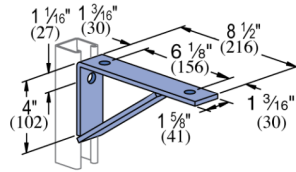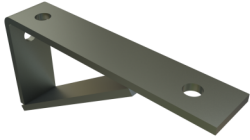Atkore | Power-Strut   Atkore | Unistrut

P1769 - 8-1/2" Bracket

Features
· Steel: ASTM A1011 SS GR 33
· Holes for 1/2" fasteners
· Variety of material and finish options

Standard Dimensions (Unless Shown Otherwise on Drawing):
· **Hole Diameter:** $^9/_{16}$" (14mm)
· **Hole Spacing (From End):** $^{13}/_{16}$" (21mm)
· **Hole Spacing (On-Center):** $1\,^7/_8$" (48mm)
· **Width:** $1\,^5/_8$" (41mm)
· **Thickness:**

· $^1/_4$" (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 – Standard:
· **Base Metal:** Steel conforms to ASTM A1011 SS GR 33, A1011 HSLAS GR 45, A36, A575, A576, or A635.
· **Electrogalvanized (EG):** Conforms to ASTM B633, Type III SC1
· **Unistrut Defender (DF):** Conforms to ASTM A1059
· **Hot Dip Galvanized (HG):** Conforms to ASTM A123 or A153
· **Perma-Green (GR):** Conforms to commercial standards for powder coating
· **Perma-Gold (ZD):** Conforms to ASTM B633, Type II SC1 or SC3
· **Plain (PL):** No finish

Materials & Finishes – Special Metals:

· **Stainless Steel, Type 304 (SS):** Conforms to ASTM A240 or A276, Type 304 *
· **Stainless Steel, Type 316 (ST):** Conforms to ASTM A240 or A276, Type 316 *
· **Aluminum (AL):** Conforms to ASTM B209, Type 1100F or 5052-H32 *

* These materials have different physical properties and performance characteristics. Please contact us for design support.

Catalog Number	Material Type	Surface Finish	Part Weight (lb/ea)	Standard Package Weight (lb)
P1769 EG	Steel	Electrogalvanized	1.74	34.8
P1769 GR	Steel	Green E-Coat	1.74	34.8
P1769 HG	Steel	Hot-Dip Galvanized	1.84	36.8

Notes:

1. Design loads only apply to Unistrut brand products. Look for "UNISTRUT" on the part.
2. Safety factor = 2.5 based on the ultimate strength of the connection.
3. Allowable moment is for the fitting only. Channel may determine the overall capacity.