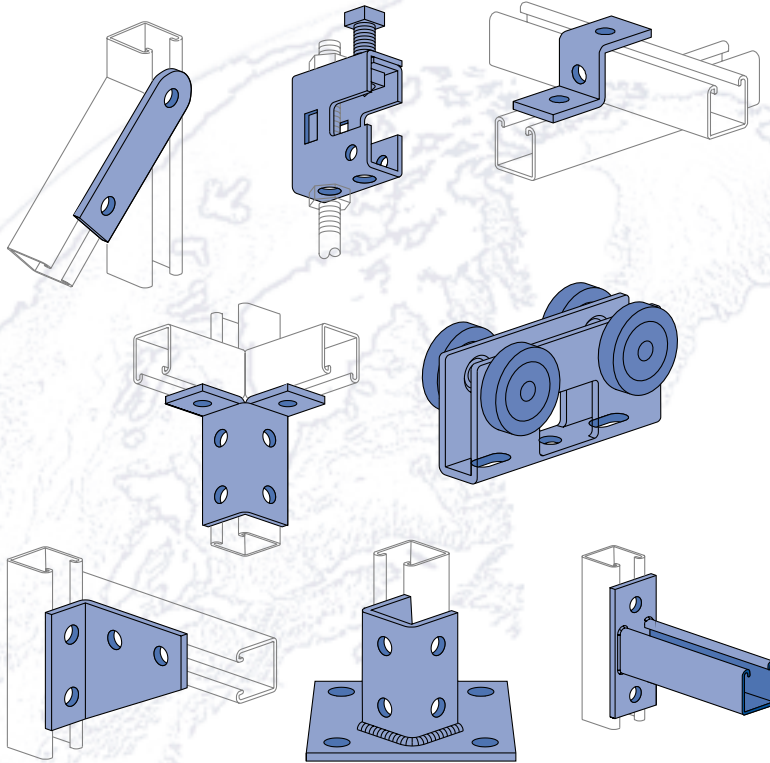




UNISTRUT®

GENERAL FITTINGS



Flat Plate Fittings	90
Ninety Degree Fittings	94
Angular Fittings	101
"Z" Shape Fittings	102
"U" Shape Fittings	104
Wing Shape Fittings	109
Post Bases	112
Brackets	114
Brace Fittings	120
Beam Clamps	122
Trolleys	133
Special Application Fittings	135

MATERIAL

Fittings, unless noted, are made from hot-rolled, pickled and oiled steel plates, strip or coil, and conform to ASTM specifications A575, A576, A635, or A36. The fitting steel also meets the physical requirements of ASTM A1011 SS GR 33. The pickling of the steel produces a smooth surface free from scale.

Many fittings are also available in stainless steel, aluminum and fiberglass. Consult factory for ordering information.

FINISHES

Fittings are available in: Perma-Green II (GR), electro-galvanized (EG), conforming to ASTM B633 Type III SC1; Hot-dipped galvanized (HG), conforming to ASTM A123 or A153 and plain (PL).

APPLICATION

All parts drawings illustrate only one application of each fitting. In most cases many other applications are possible. The channels shown in the illustrations are P1000, 1 $\frac{5}{8}$ " square, except where noted otherwise.

All $\frac{3}{16}$ " diameter holes use $\frac{1}{2}$ " x $\frac{15}{16}$ " hex head cap screws and $\frac{1}{2}$ " nuts - P1010, P4010 or P5510 - depending on the channel used. Nuts and bolts are not included with the fitting and must be ordered separately.

DESIGN BOLT TORQUE

BOLT SIZE	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "
FOOT LBS.	6	11	19	50	100	125
N·m	8	15	25	70	135	170

DIMENSIONS

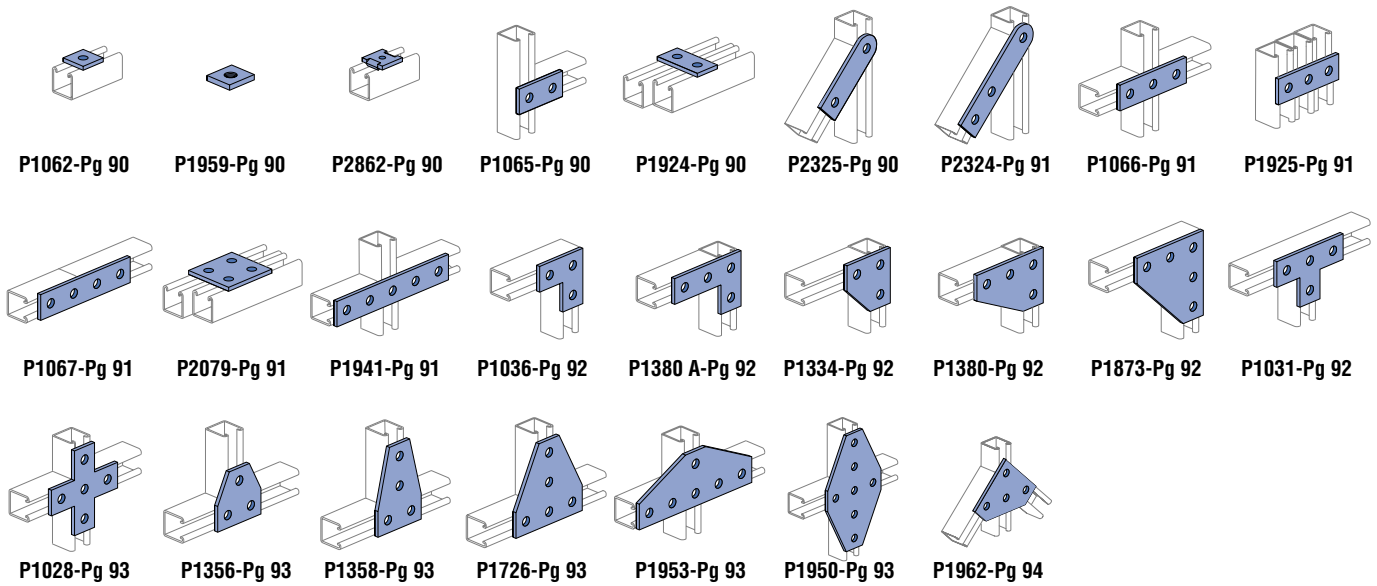
Imperial dimensions are illustrated in inches. Metric dimensions are shown in parenthesis or as noted. Unless noted, all metric dimensions are in millimeters and rounded to one decimal place.

DESIGN LOAD

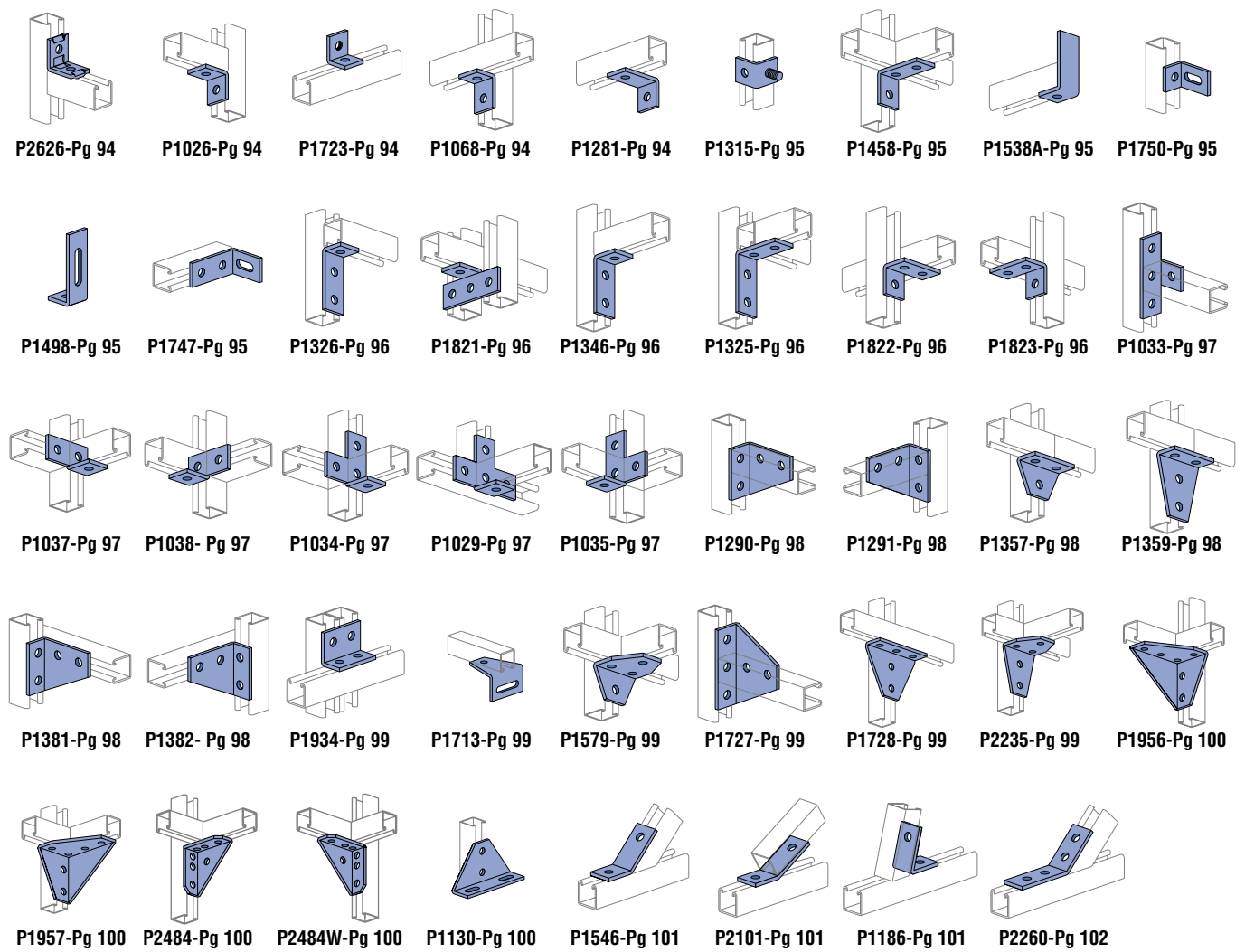
Design load data, where shown, is based on the ultimate strength of the connection with a safety factor of 2.5, unless otherwise noted.



Flat Plate Fittings

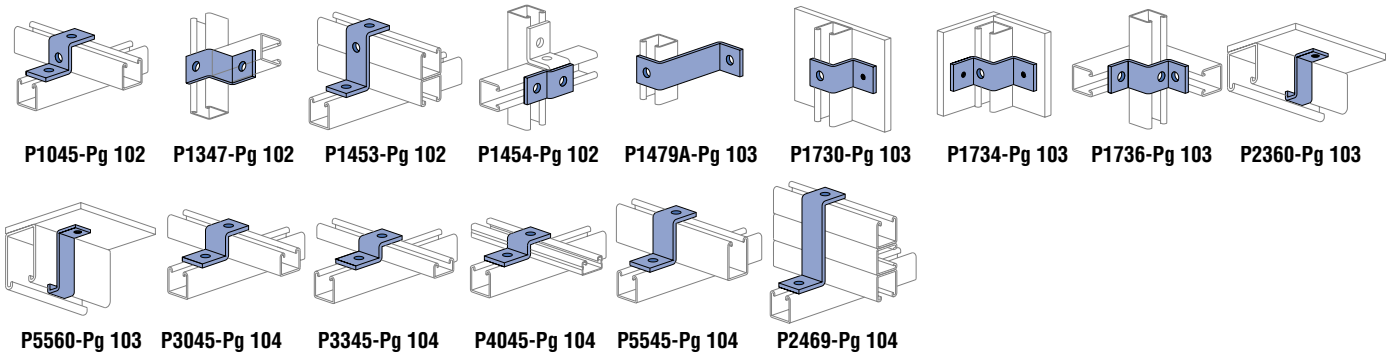


Angle Fittings

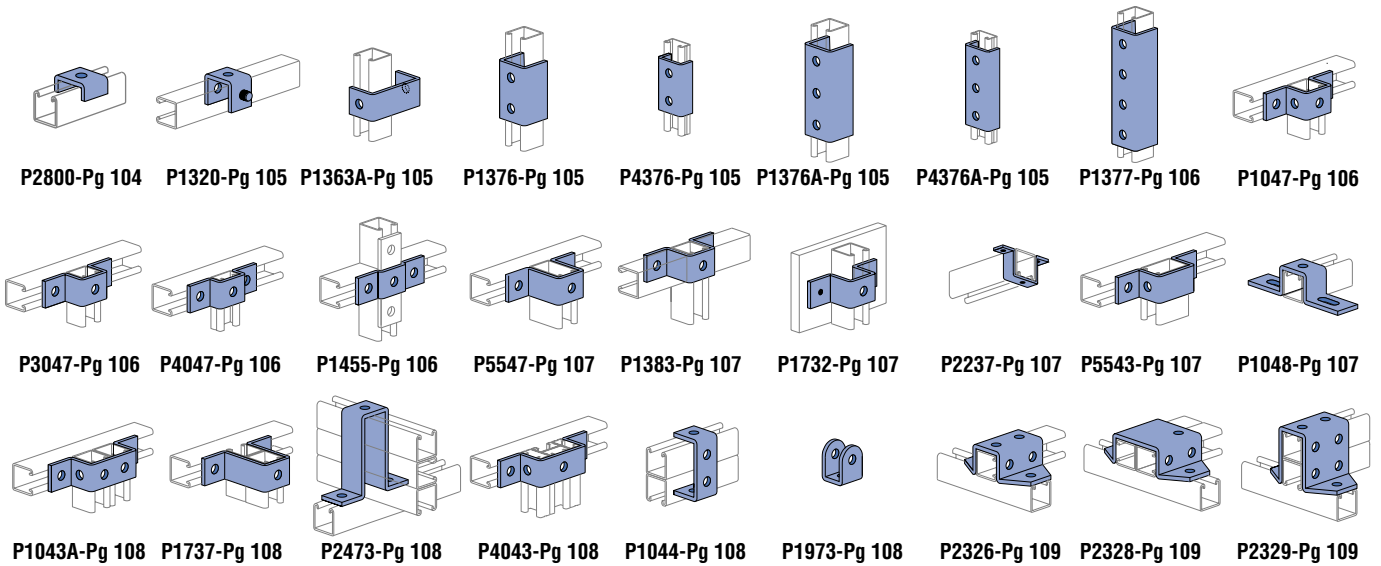


1 5/8" Channel
 Telestrut System
 Nuts & Hardware
 General Fittings
 Pipe/Conduit Supports
 Electrical Fittings
 Concrete Inserts
 1 1/4" Framing System
 1 3/16" Framing System
 Fiberglass System
 Special Metals
 PrimeAngle System
 Product Index

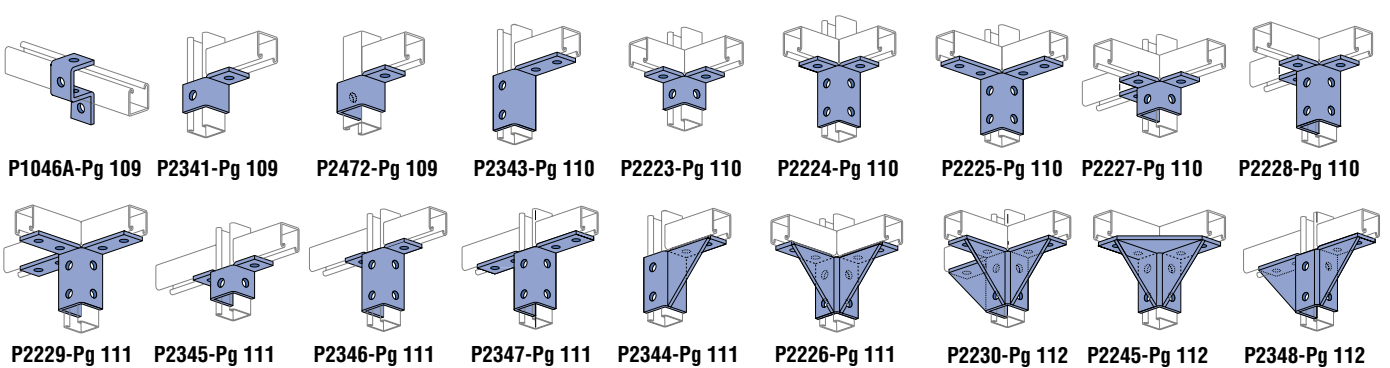
"Z" Shape Fittings



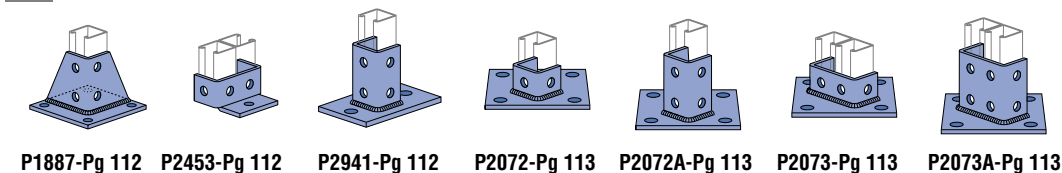
"U" Shape Fittings



Wing Shape Fittings

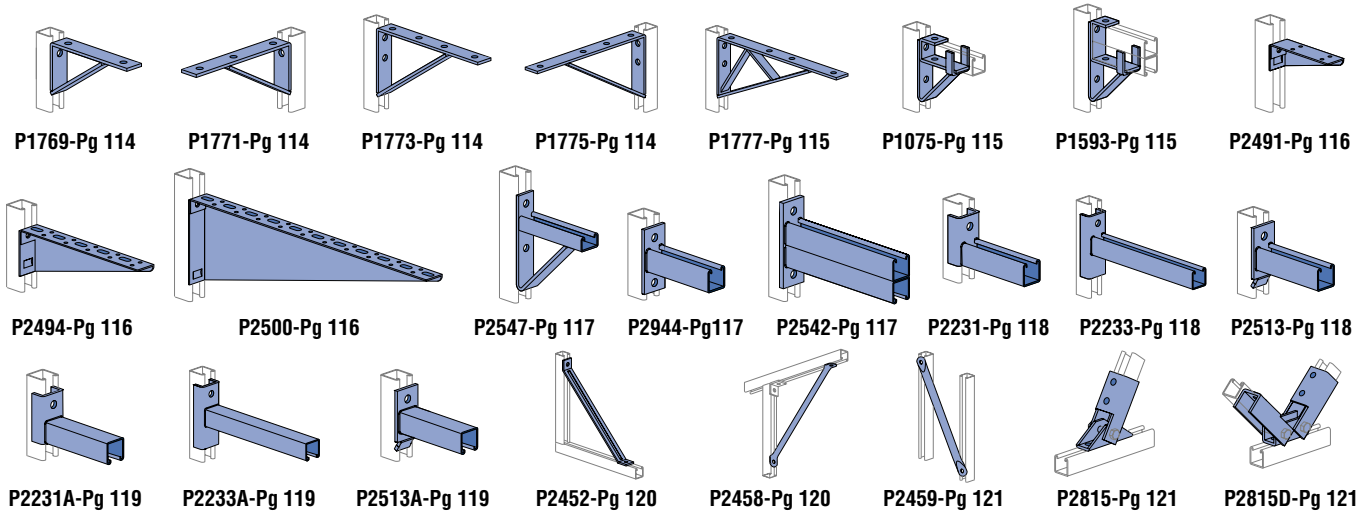


Post Bases

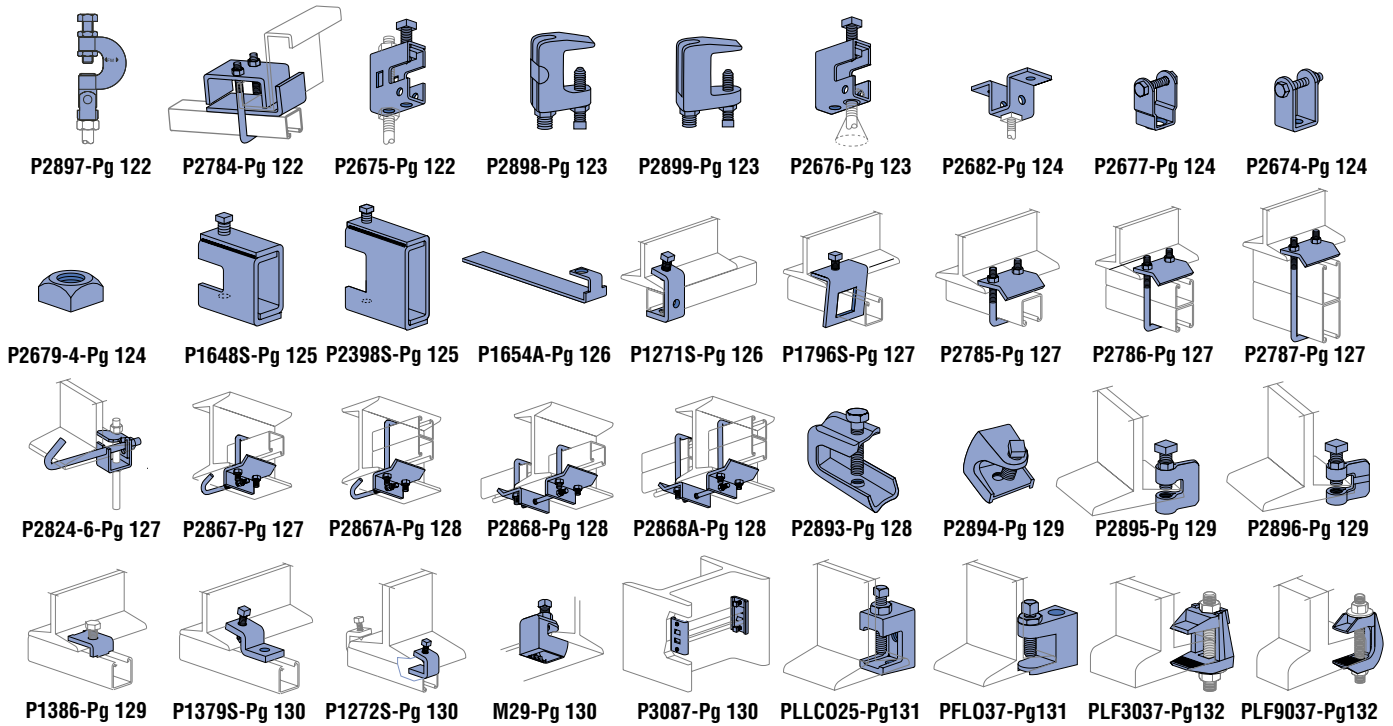




Brackets and Brace Fittings



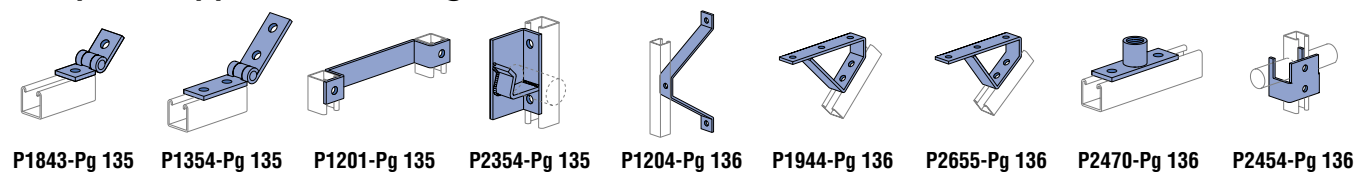
Beam Clamps



Trolley Assemblies



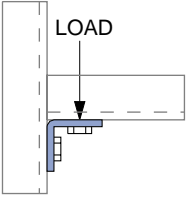
Special Applications Fittings

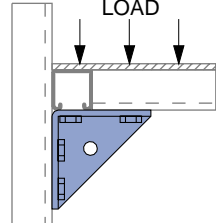


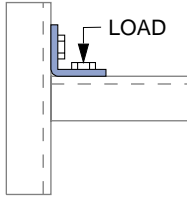
1 5/8" Channel
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 Electrical Fittings
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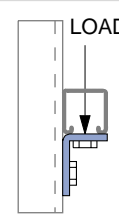
DESIGN LOAD DATA FOR TYPICAL UNISTRUT CHANNEL CONNECTIONS

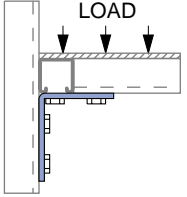
90° Fittings (When used in position shown)

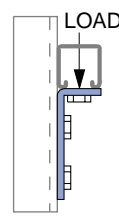
Load – P1026		Channel Thickness		
		12 ga.	14 ga.	16 ga.
	Lbs	1,500	1,000	750
	kg	680.4	453.6	340.2

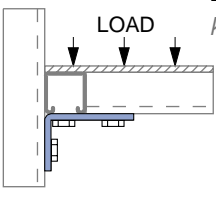
Load – P2484		Channel Thickness		
		12 ga.	14 ga.	16 ga.
	Lbs	3,000	2,000	1,500
	kg	1,360.8	907.2	680.4

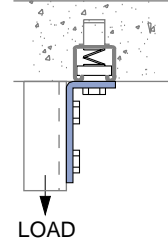
Load – P1026		Channel Thickness		
		12 ga.	14 ga.	16 ga.
	Lbs	1,000	650	500
	kg	453.6	294.8	226.8

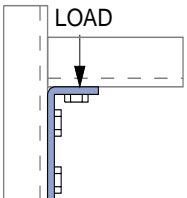
Load – P1068		Channel Thickness		
		12 ga.	14 ga.	16 ga.
	Lbs	500	500	500
	kg	226.8	226.8	226.8

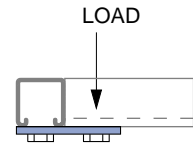
Load – P1325, P2235		Channel Thickness		
		12 ga.	14 ga.	16 ga.
	Lbs	2,000	2,000	1,500
	kg	907.2	907.2	680.4

Load – P1326		Channel Thickness		
		12 ga.	14 ga.	16 ga.
	Lbs	500	500	500
	kg	226.8	226.8	226.8

Load – P1458, P1579		Channel Thickness		
		12 ga.	14 ga.	16 ga.
	Lbs	1,500	1,000	1,000
	kg	680.4	453.6	453.6

Load – P1346		Channel Thickness		
		12 ga.	14 ga.	16 ga.
	Lbs	1,200	1,200	1,000
	kg	544.3	544.3	453.6

Load – P1346		Channel Thickness		
		12 ga.	14 ga.	16 ga.
	Lbs	2,000	1,500	900
	kg	907.2	680.4	408.2

Load – P1065		Channel Thickness		
		12 ga.	14 ga.	16 ga.
	Lbs	1,000	800	600
	kg	453.6	362.9	272.2

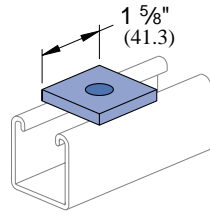
Note:

- (1) Both ends of beams supported.
- (2) Load data is based on P1010 nut and 1/2" bolt.
- (3) Safety factor = 2 1/2 based on ultimate strength of connection.



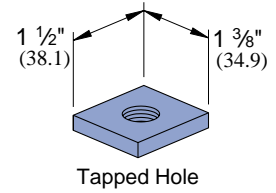
P1062, P1063, P1064, P1964, P2471, P2490

Part Number	Bolt Size	Hole Size	Wt/100 pcs Lbs (kg)
P1062	5/16"	1 1/32"	18 8.2
P1063	3/8"	7/16"	18 8.2
P1064	1/2"	9/16"	17 7.7
P1964	5/8"	1 1/16"	16 7.3
P2471	3/4"	1 3/16"	15 6.8
P2490	7/8"	1 5/16"	14 6.4



P1959, P1960, P1961

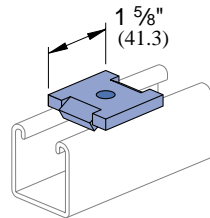
Part Number	U.S. Std. Thd Size	Wt/100 pcs Lbs (kg)
P1959	3/8"-16	21 9.5
P1960	1/2"-13	20 9.1
P1961	5/8"-11	19 8.6



MATERIAL: 3/8" (9.5 mm) thick

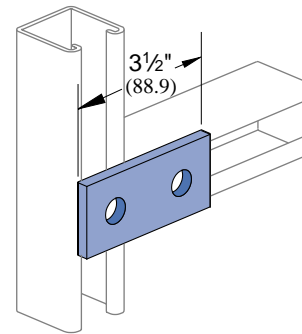
P2862, 2863, 2864

Part Number	Bolt Size	Hole Size	Wt/100 pcs Lbs (kg)
P2862	5/16"	1 1/32"	18 8.2
P2863	3/8"	7/16"	18 8.2
P2864	1/2"	9/16"	17 7.7



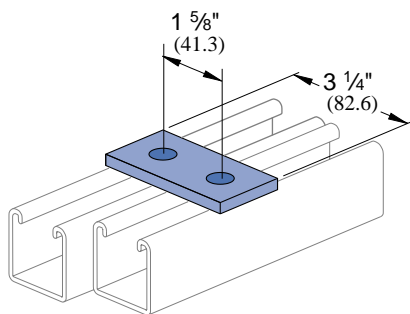
P1065

Wt/100 pcs: 38 Lbs (17.2 kg)



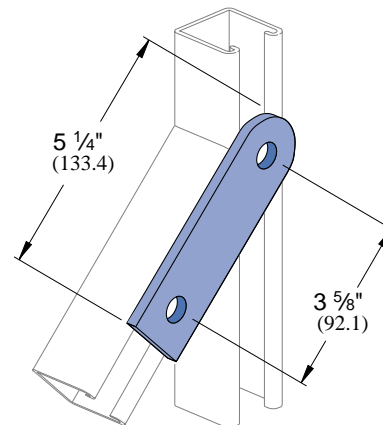
P1924

Wt/100 pcs: 35 Lbs (15.9 kg)



P2325

Wt/100 pcs: 55 Lbs (24.9 kg)



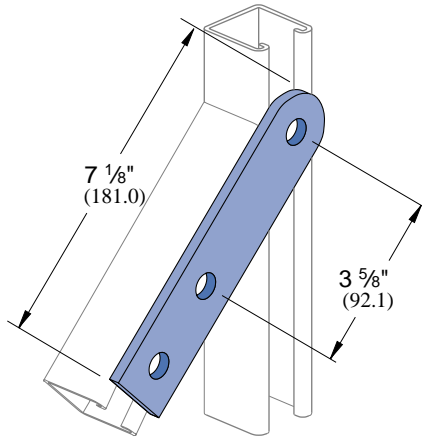
Standard Dimensions for 1 5/8" (41 mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/16" (14.3mm); **Hole Spacing - From End:** 1 3/16" (20.6 mm); **Hole Spacing - On Center:** 1 7/8" (47.6 mm); **Width:** 1 5/8"(41mm); **Thickness:** 1/4" (6.4mm)

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 PrimeAngle System
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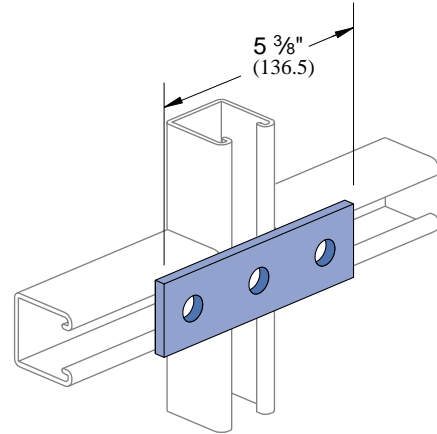
P2324

Wt/100 pcs: 75 Lbs (34.0 kg)



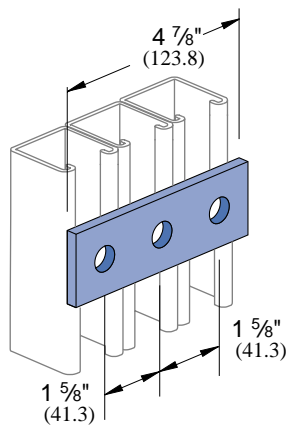
P1066

Wt/100 pcs: 56 Lbs (25.4 kg)



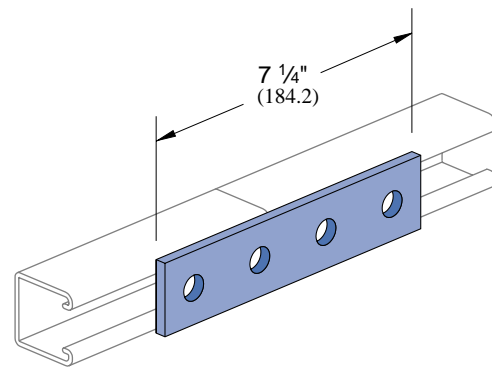
P1925

Wt/100 pcs: 50 Lbs (22.7 kg)



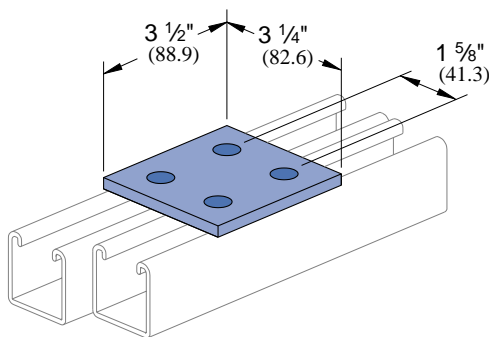
P1067

Wt/100 pcs: 78 Lbs (35.4 kg)



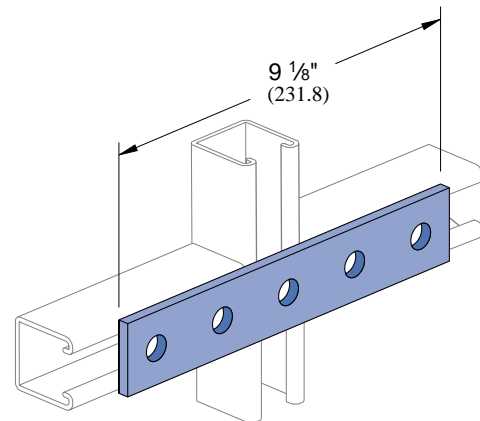
P2079

Wt/100 pcs: 73 Lbs (33.1 kg)



P1941

Wt/100 pcs: 94 Lbs (42.6 kg)



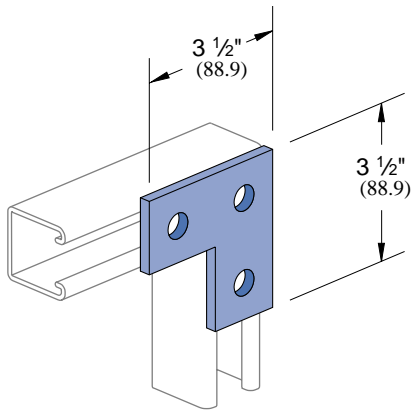
Standard Dimensions for 1 5/8" (41 mm) width series channel fittings (Unless Otherwise Shown on Drawing)

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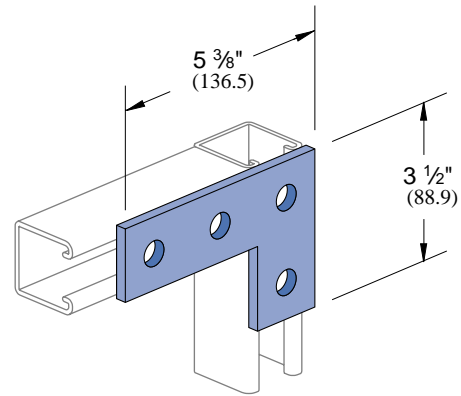
P1036

Wt/100 pcs: 58 Lbs (26.3 kg)



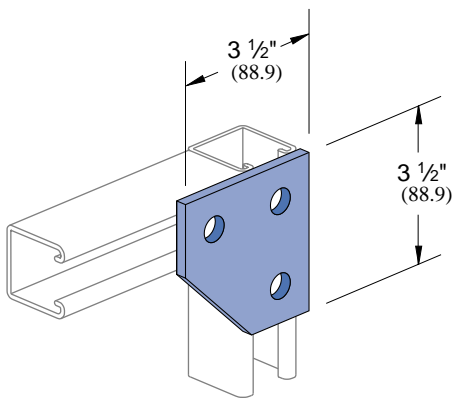
P1380 A

Wt/100 pcs: 80 Lbs (36.3 kg)



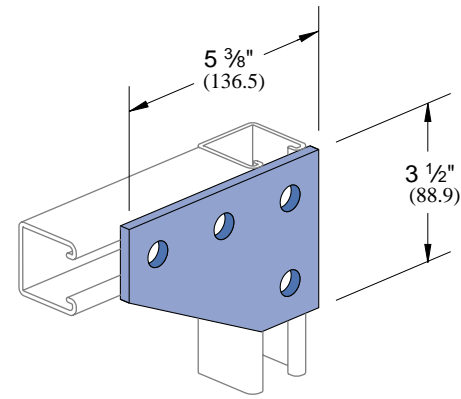
P1334

Wt/100 pcs: 70 Lbs (31.8 kg)



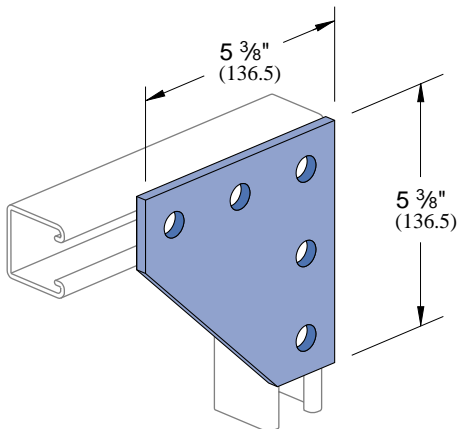
P1380

Wt/100 pcs: 105 Lbs (47.6 kg)



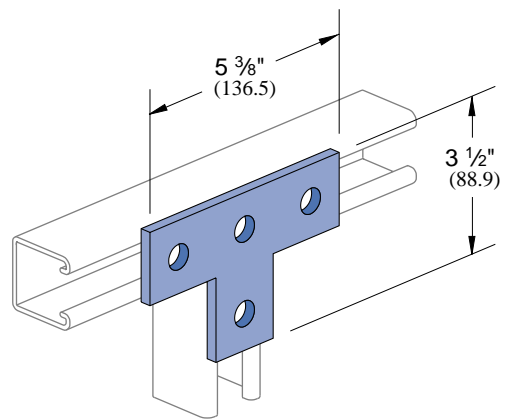
P1873

Wt/100 pcs: 150 Lbs (68.0 kg)



P1031

Wt/100 pcs: 80 Lbs (36.3 kg)



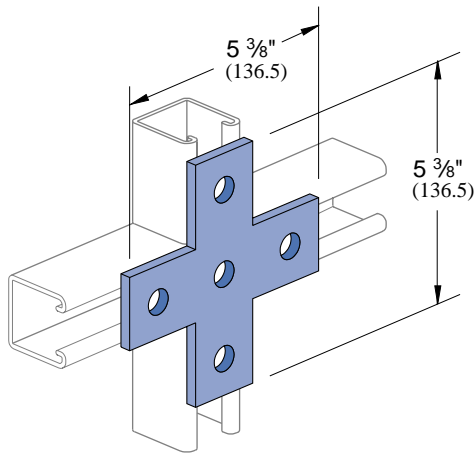
Standard Dimensions for 1 5/8" (41 mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/16" (14.3mm); **Hole Spacing - From End:** 13/16" (20.6 mm); **Hole Spacing - On Center:** 1 7/8" (47.6 mm); **Width:** 1 5/8"(41mm); **Thickness:** 1/4" (6.4mm)

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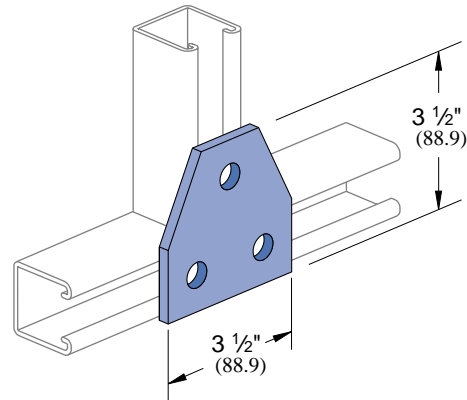
P1028

Wt/100 pcs: 105 Lbs (47.6 kg)



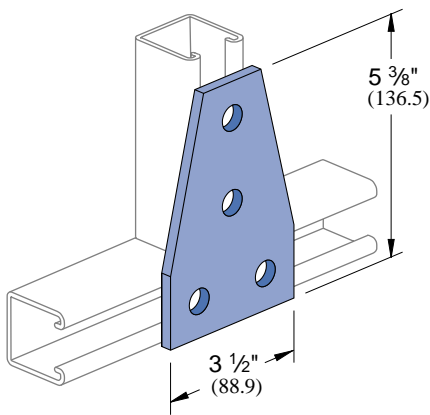
P1356

Wt/100 pcs: 70 Lbs (31.8 kg)



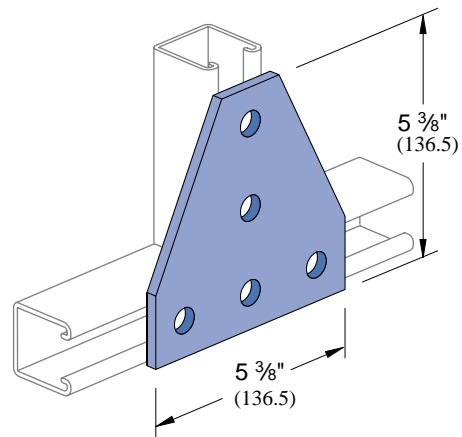
P1358

Wt/100 pcs: 105 Lbs (47.6 kg)



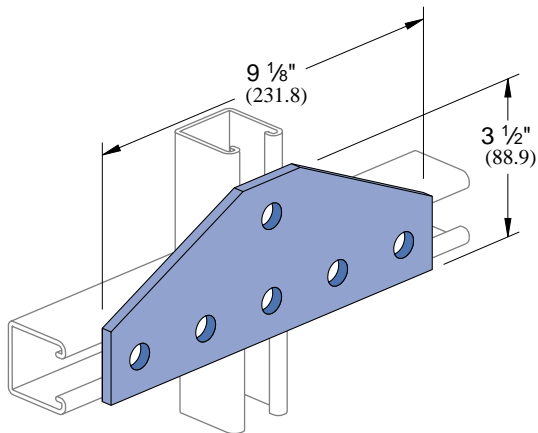
P1726

Wt/100 pcs: 148 Lbs (67.1 kg)



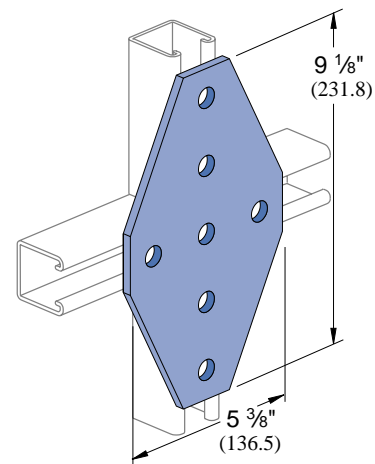
P1953

Wt/100 pcs: 176 Lbs (79.8 kg)



P1950

Wt/100 pcs: 240 Lbs (108.9 kg)



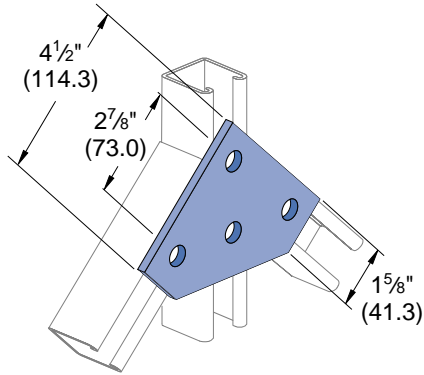
Standard Dimensions for 1 5/8" (41 mm) width series channel fittings (Unless Otherwise Shown on Drawing)

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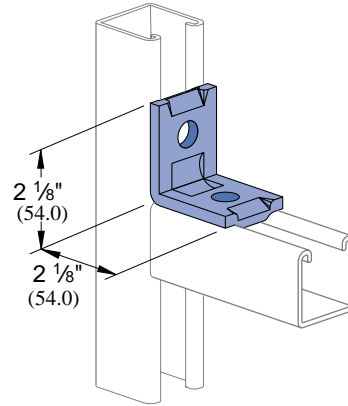
P1962

Wt/100 pcs: 112 Lbs (50.8 kg)



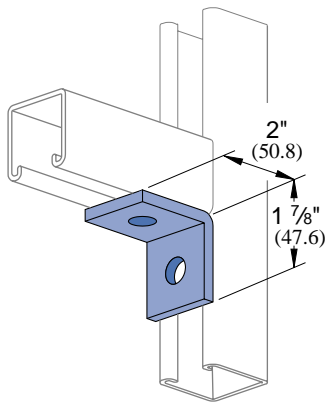
P2626

Wt/100 pcs: 40 Lbs (18.1 kg)



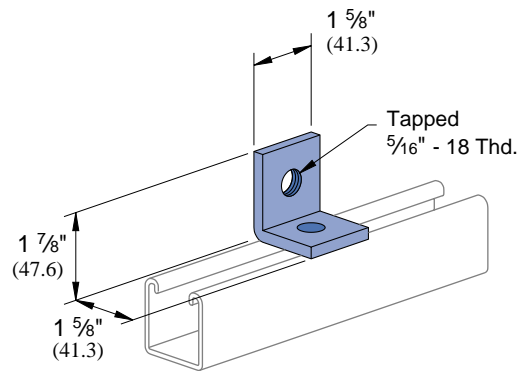
P1026

Wt/100 pcs: 38 Lbs (17.2 kg)



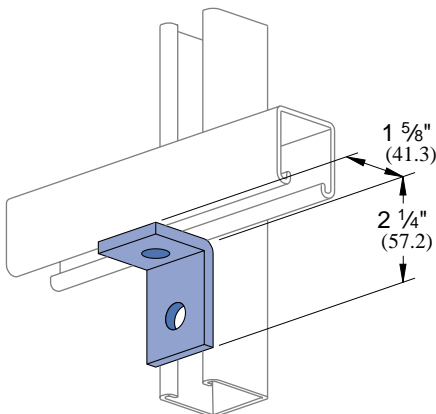
P1723

Wt/100 pcs: 34 Lbs (15.4 kg)

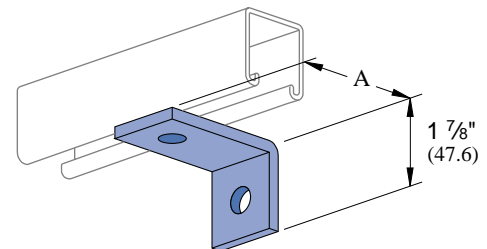


P1068

Wt/100 pcs: 38 Lbs (17.2 kg)



P1281, P1282, P1283



Part Number	"A" In (mm)	Wt/100 pcs Lbs (kg)
P1281	3	49
	76.2	22.2
P1282	3 1/2	54
	88.9	24.5
P1283	4	61
	101.6	27.7

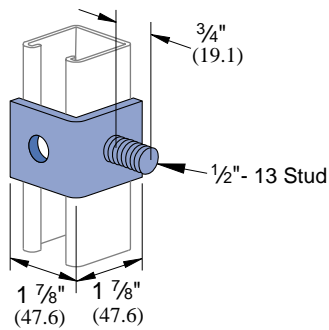
Standard Dimensions for 1 5/8" (41 mm) width series channel fittings (Unless Otherwise Shown on Drawing)

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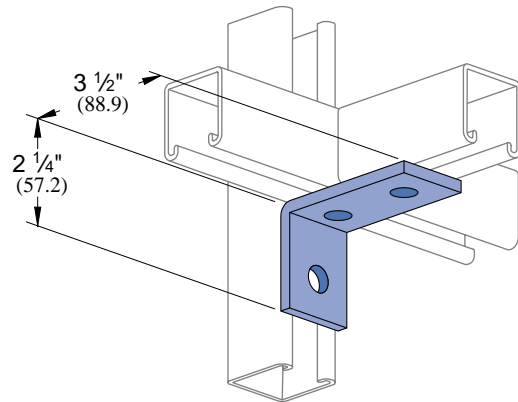
P1315

Wt/100 pcs: 45 Lbs (20.4 kg)



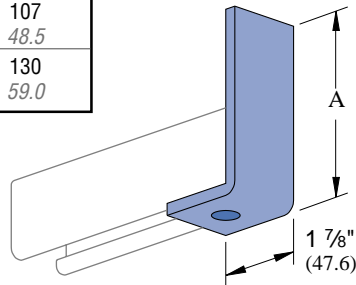
P1458

Wt/100 pcs: 58 Lbs (26.3 kg)



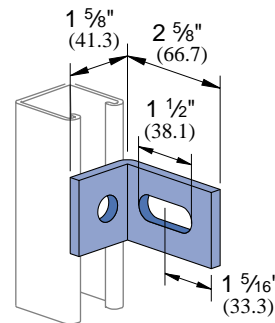
P1538A thru P1538D

Part Number	"A" In (mm)	Wt/100 pcs Lbs (kg)
P1538A	3 7/8 98.4	61 27.7
P1538B	5 7/8 149.2	84 38.1
P1538C	7 7/8 200.0	107 48.5
P1538D	9 7/8 250.8	130 59.0



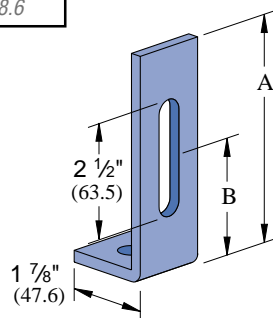
P1750

Wt/100 pcs: 38 Lbs (17.2 kg)



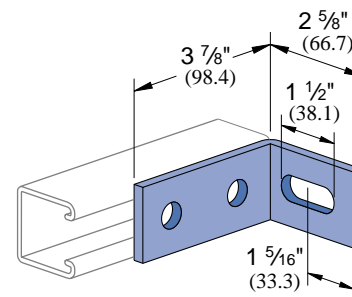
P1498, P1499

Part Number	"A" In (mm)	"B" In (mm)	Wt/100 pcs Lbs (kg)
P1498	4 7/8 123.8	2 1/2 63.5	65 29.5
P1499	6 7/8 174.6	4 1/2 114.3	85 38.6



P1747

Wt/100 pcs: 66 Lbs (29.9 kg)



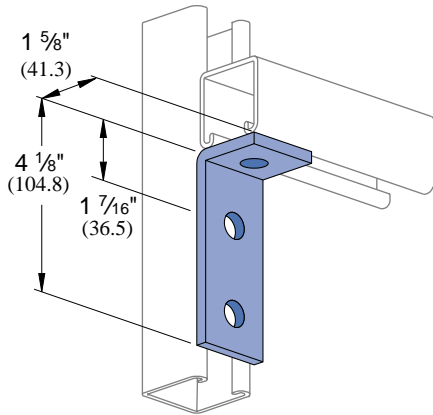
Standard Dimensions for 1 5/8" (41 mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/16" (14.3mm); Hole Spacing - From End: 13/16" (20.6 mm); Hole Spacing - On Center: 1 7/8" (47.6 mm); Width: 1 5/8" (41mm); Thickness: 1/4" (6.4mm)



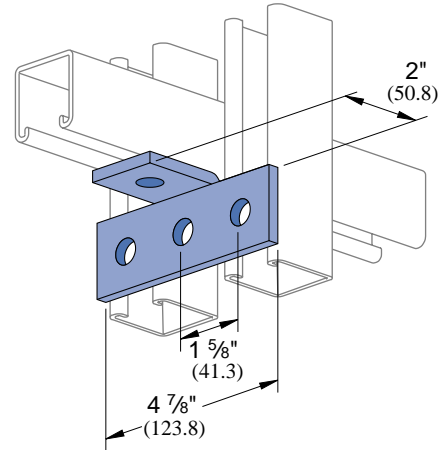
P1326

Wt/100 pcs: 58 Lbs (26.3 kg)



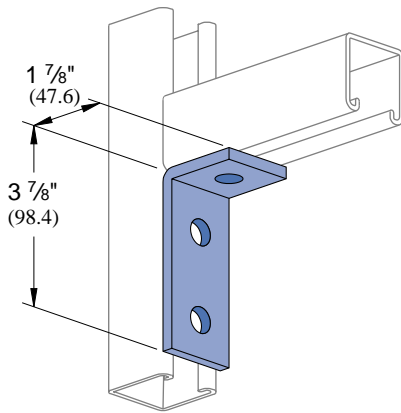
P1821

Wt/100 pcs: 71 Lbs (32.2 kg)



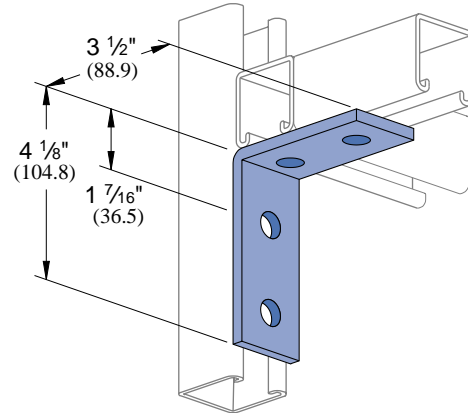
P1346

Wt/100 pcs: 58 Lbs (26.3 kg)



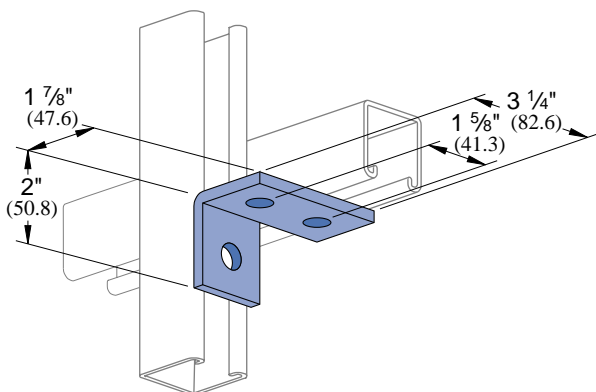
P1325

Wt/100 pcs: 78 Lbs (35.4 kg)



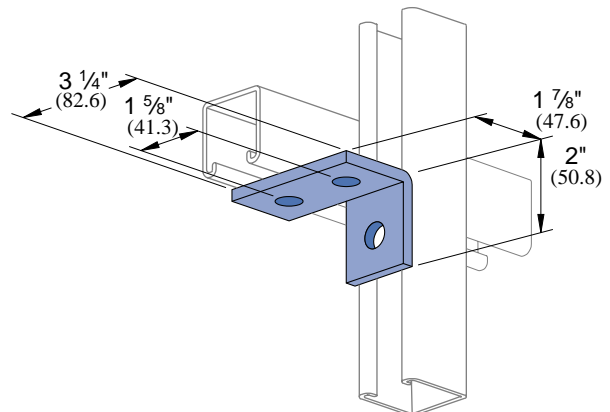
P1822

Wt/100 pcs: 55 Lbs (24.9 kg)



P1823

Wt/100 pcs: 55 Lbs (24.9 kg)



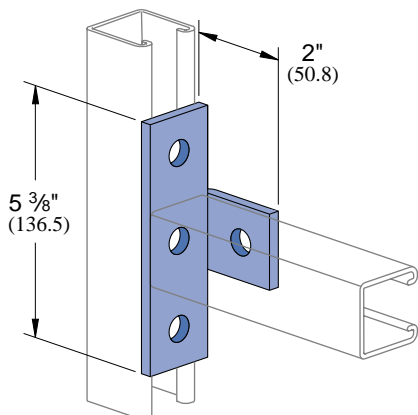
Standard Dimensions for 1 5/8" (41 mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/16" (14.3mm); **Hole Spacing - From End:** 13/16" (20.6 mm); **Hole Spacing - On Center:** 1 7/8" (47.6 mm); **Width:** 1 5/8"(41mm); **Thickness:** 1/4" (6.4mm)

1 5/8" Channel
Telesruct System
Nuts & Hardware
General Fittings
Pipe/Conduit Supports
Electrical Fittings
Concrete Inserts
1 1/4" Framing System
1 3/16" Framing System
Fiberglass System
Special Metals
PrimeAngle System
Product Index

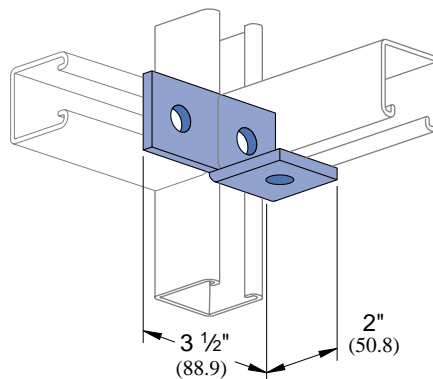
P1033

Wt/100 pcs: 80 Lbs (36.3 kg)



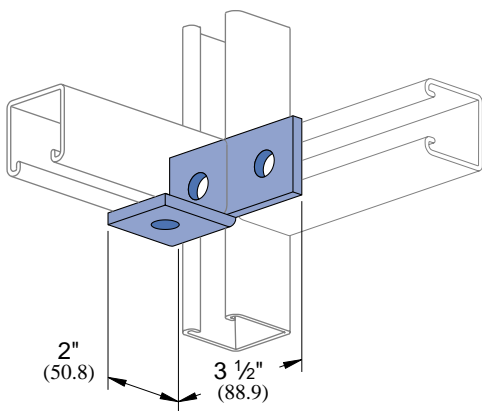
P1037

Wt/100 pcs: 58 Lbs (26.3 kg)



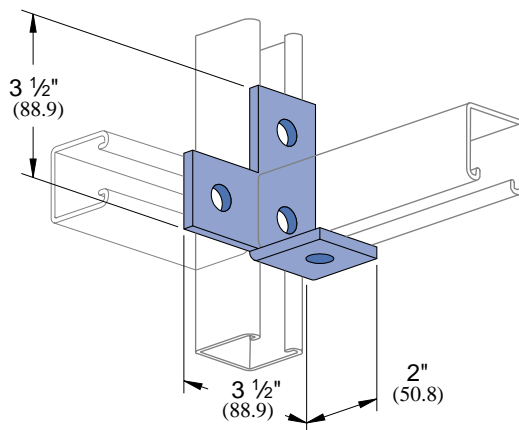
P1038

Wt/100 pcs: 58 Lbs (26.3 kg)



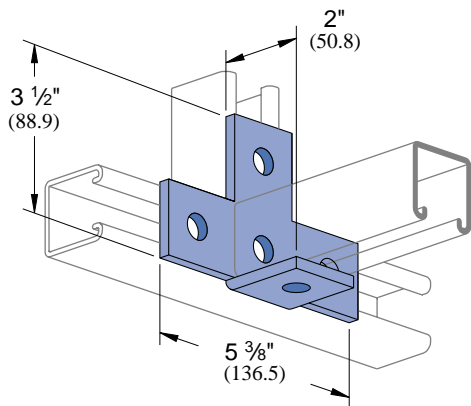
P1034

Wt/100 pcs: 80 Lbs (36.3 kg)



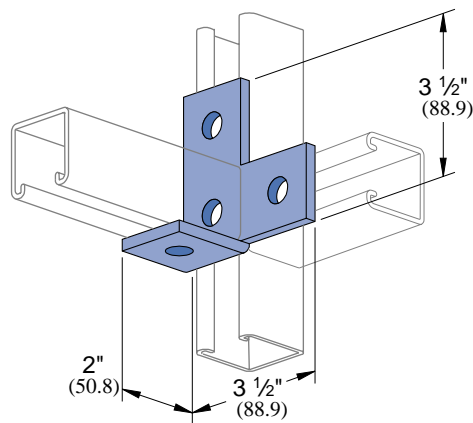
P1029

Wt/100 pcs: 105 Lbs (47.6 kg)



P1035

Wt/100 pcs: 80 Lbs (36.3 kg)



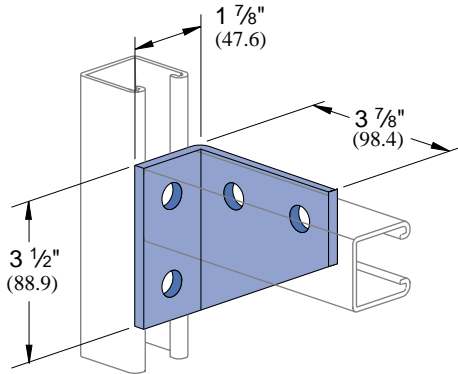
Standard Dimensions for 1 5/8" (41 mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/16" (14.3mm); **Hole Spacing - From End:** 13/16" (20.6 mm); **Hole Spacing - On Center:** 1 7/8" (47.6 mm); **Width:** 1 5/8" (41mm); **Thickness:** 1/4" (6.4mm)



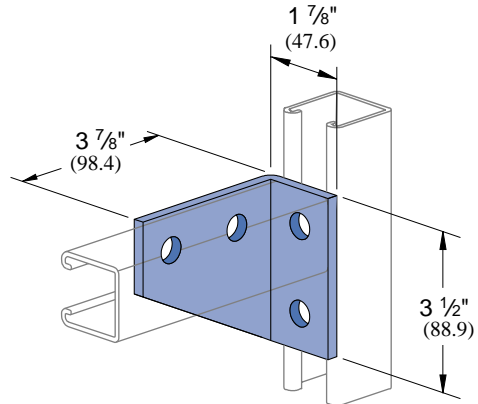
P1290

Wt/100 pcs: 101 Lbs (45.8 kg)



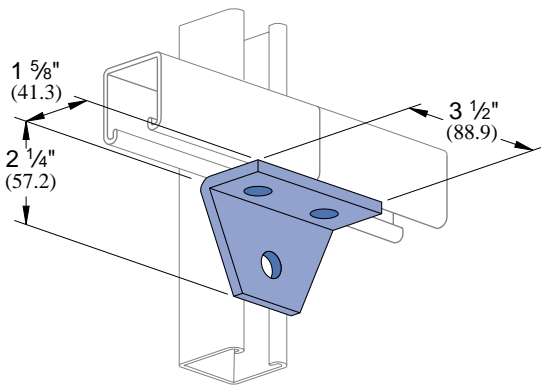
P1291

Wt/100 pcs: 101 Lbs (45.8 kg)



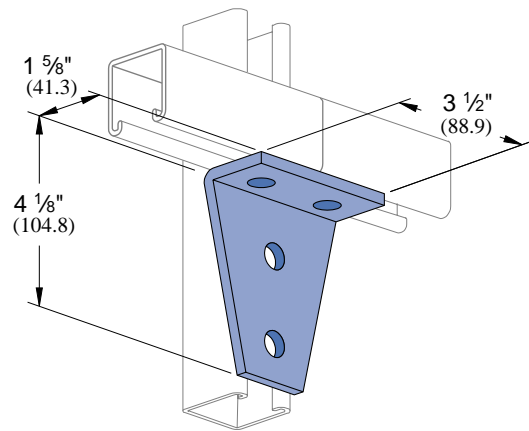
P1357

Wt/100 pcs: 70 Lbs (31.8 kg)



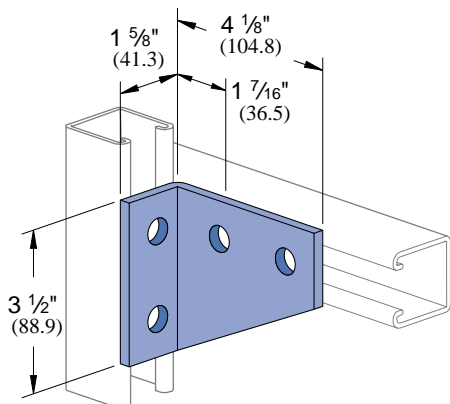
P1359

Wt/100 pcs: 105 Lbs (47.6 kg)



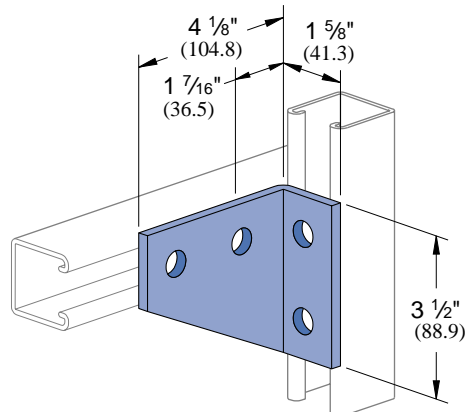
P1381

Wt/100 pcs: 105 Lbs (47.6 kg)



P1382

Wt/100 pcs: 105 Lbs (47.6 kg)



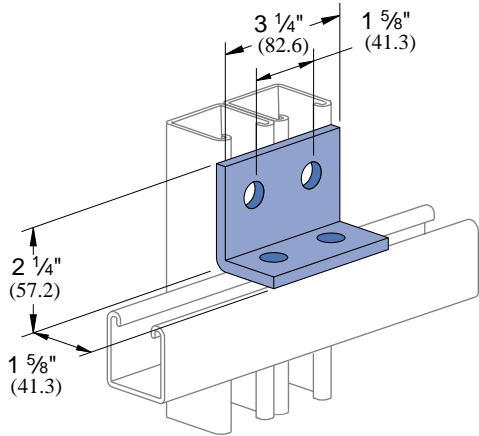
Standard Dimensions for 1 5/8" (41 mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/16" (14.3mm); **Hole Spacing - From End:** 13/16" (20.6 mm); **Hole Spacing - On Center:** 1 7/8" (47.6 mm); **Width:** 1 5/8"(41mm); **Thickness:** 1/4" (6.4mm)

1 5/8" Channel
 Telestrut System
 Nuts & Hardware
 General Fittings
 Pipe/Conduit Supports
 Electrical Fittings
 Concrete Inserts
 1 1/4" Framing System
 1 3/16" Framing System
 Fiberglass System
 Special Metals
 PrimeAngle System
 Product Index

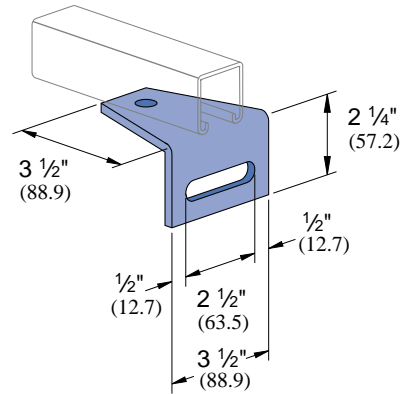
P1934

Wt/100 pcs: 75 Lbs (34.0 kg)



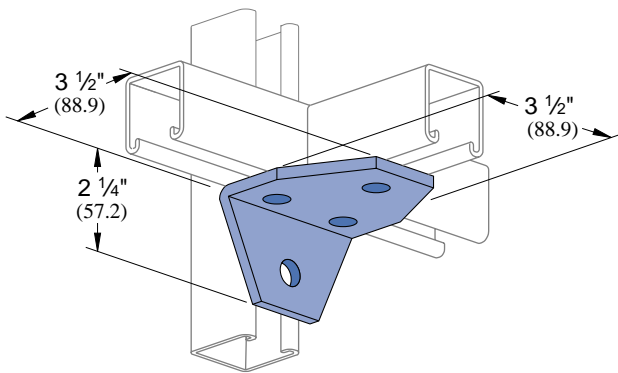
P1713

Wt/100 pcs: 97 Lbs (44.0 kg)



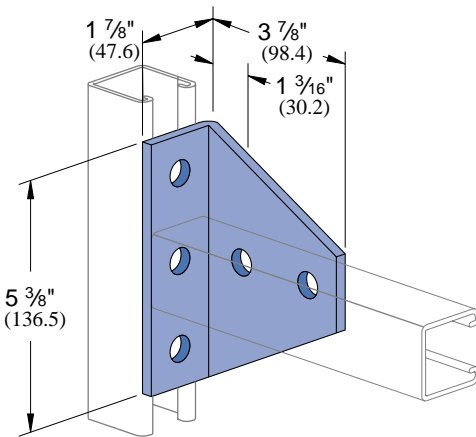
P1579

Wt/100 pcs: 103 Lbs (46.7 kg)



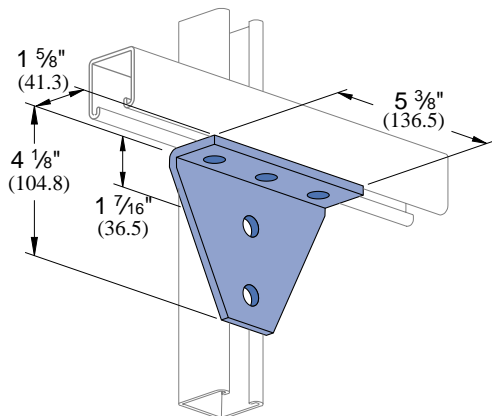
P1727

Wt/100 pcs: 154 Lbs (69.9 kg)



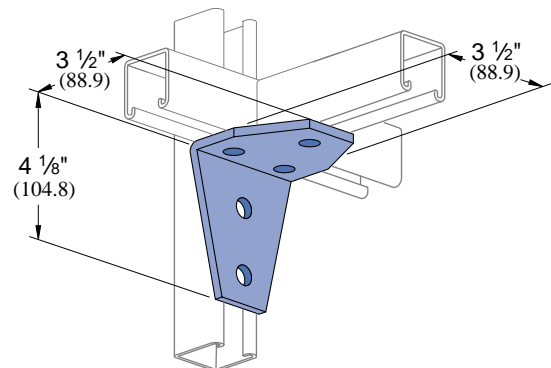
P1728

Wt/100 pcs: 154 Lbs (69.9 kg)



P2235

Wt/100 pcs: 135 Lbs (61.2 kg)



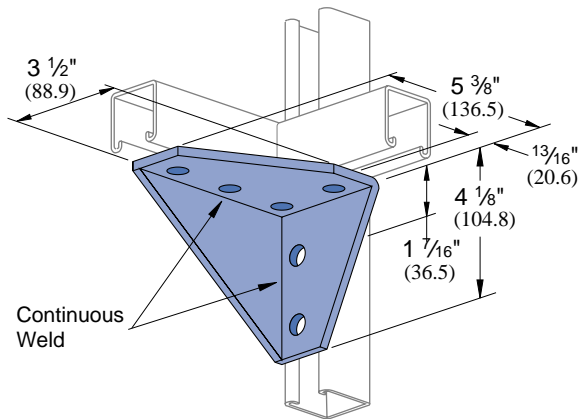
Standard Dimensions for 1 5/8" (41 mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/16" (14.3mm); **Hole Spacing - From End:** 13/16" (20.6 mm); **Hole Spacing - On Center:** 1 7/8" (47.6 mm); **Width:** 1 5/8" (41mm); **Thickness:** 1/4" (6.4mm)



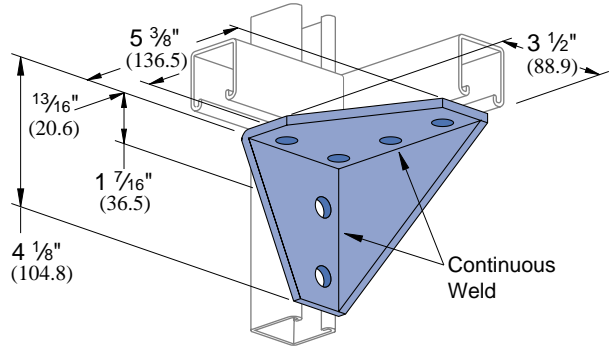
P1956

Wt/100 pcs: 230 Lbs (104.3 kg)



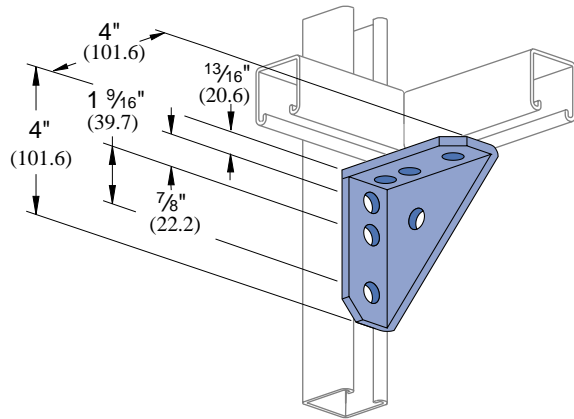
P1957

Wt/100 pcs: 230 Lbs (104.3 kg)



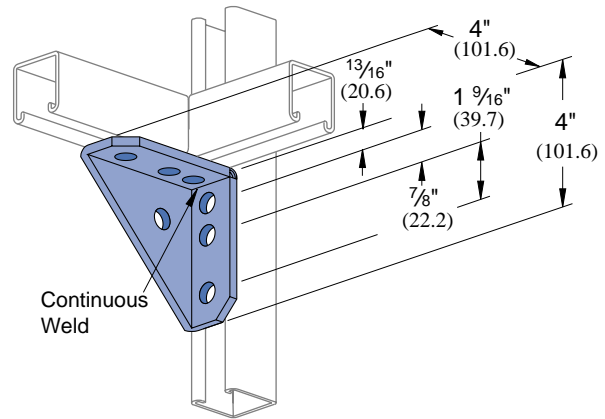
P2484

Wt/100 pcs: 134 Lbs (60.8 kg)

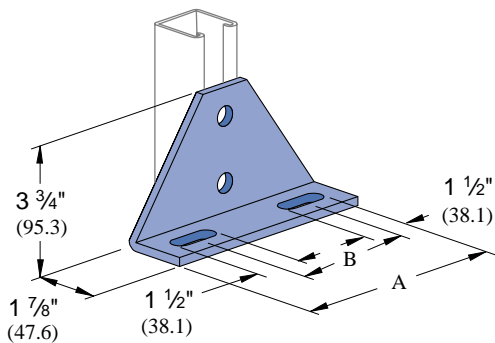


P2484W

Wt/100 pcs: 134 Lbs (60.8 kg)



P1130, P1131



Part Number	"A" In (mm)	"B" In (mm)	Wt/100 pcs Lbs (kg)
P1130	6 ⁵ / ₁₆ 168.3	4 101.6	190 86.2
P1131	8 ⁵ / ₁₆ 219.1	6 152.4	242 109.8

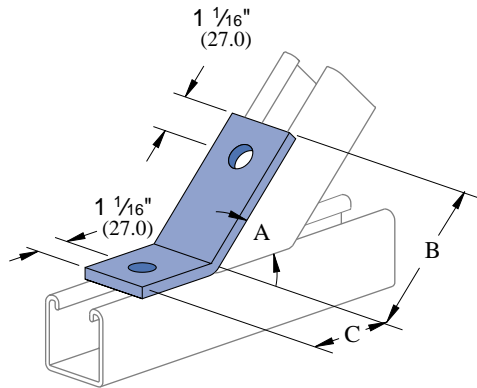
Standard Dimensions for 1 5/8" (41 mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/16" (14.3mm); **Hole Spacing - From End:** 13/16" (20.6 mm); **Hole Spacing - On Center:** 1 7/8" (47.6 mm); **Width:** 1 5/8"(41mm); **Thickness:** 1/4" (6.4mm)

Product Index
 PrimeAngle System
 Special Metals
 Fiberglass System
 13/16" Framing System
 1 1/4" Framing System
 Concrete Inserts
 Electrical Fittings
 Pipe/Conduit Supports
 General Fittings
 Nuts & Hardware
 Telesruct System
 1 5/8" Channel

P1546, P2094 thru P2100

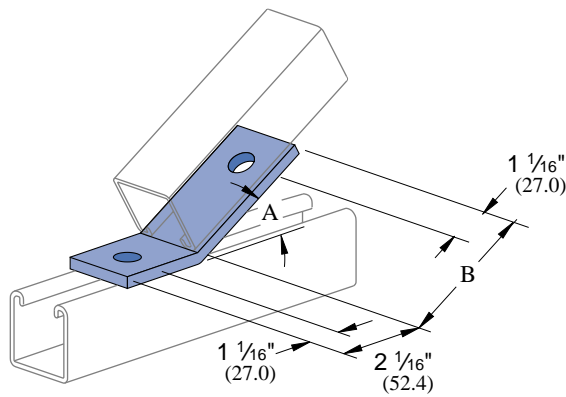
Wt/100 pcs: 58 Lbs (26.3 kg)



Part Number	"A" Degree (rad)	"B" In (mm)	"C" In (mm)
P2094	82½° 1.44	3⅞ 90.5	1⅞ 42.9
P2095	75° 1.31	3⅞ 90.5	1⅞ 42.9
P2096	67½° 1.18	3½ 88.9	1¾ 44.5
P2097	60° 1.05	3⅝ 85.7	1⅞ 47.6
P2098	52½° 0.92	3¼ 82.6	2⅞ 52.4
P1546	45° 0.79	3 76.2	2⅞ 58.7
P2099	37½° 0.65	3½ 88.9	1⅞ 46.0
P2100	37½° 0.65	2⅞ 68.3	2⅞ 66.7

P2101 thru P2104

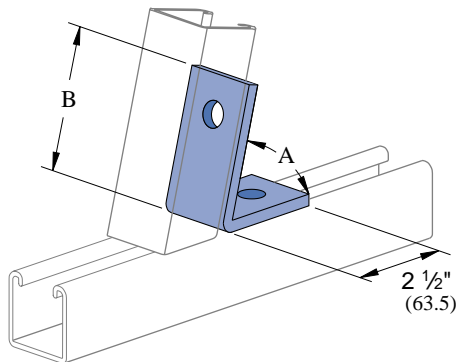
Wt/100 pcs: 58 Lbs (26.3 kg)



Part Number	"A" Degree (rad)	"B" In (mm)
P2101	30° 0.52	3¼ 82.6
P2102	22½° 0.39	3⅝ 84.1
P2103	15° 0.26	3⅞ 84.1
P2104	7½° 0.13	3⅝ 84.1

P1186, P2105 thru P2110

Wt/100 pcs: 58 Lbs (26.3 kg)



Part Number	"A" Degree (rad)	"B" In (mm)
P2105	82½° 1.44	3⅞ 81.0
P2106	75° 1.31	3⅞ 81.0
P2107	67½° 1.18	3⅞ 79.4
P2108	60° 1.05	3⅞ 79.4
P2109	52½° 0.92	3⅞ 77.8
P1186	45° 0.79	3⅞ 79.4
P2110	37½° 0.65	3 76.2

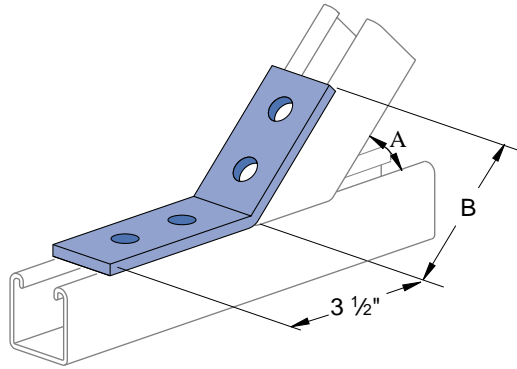
Standard Dimensions for 1½" (41 mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/16" (14.3mm); Hole Spacing - From End: 13/16" (20.6 mm); Hole Spacing - On Center: 1⅞" (47.6 mm); Width: 1½" (41mm); Thickness: ¼" (6.4mm)



P2260 thru P2270

Wt/100 pcs: 78 Lbs (35.4 kg)

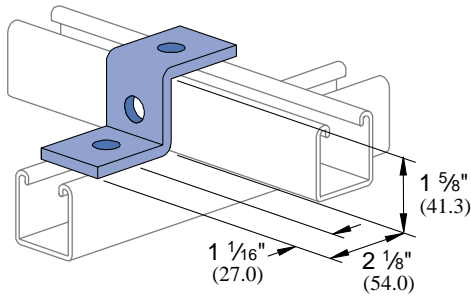


Part Number	"A" Degree (rad)	"B" In (mm)
P2270	82½° 1.44	3⅝ 91.1
P2269	75° 1.31	3⅝ 91.1
P2268	67½° 1.18	3⅝ 91.1
P2267	60° 1.05	3⅞ 93.7
P2266	52½° 0.92	3⅞ 93.7
P2265	45° 0.79	3⅞ 93.7

Part Number	"A" Degree (rad)	"B" In (mm)
P2264	37½° 0.65	3⅞ 93.7
P2263	30° 0.52	3⅞ 93.7
P2262	22½° 0.39	3¾ 95.3
P2261	15° 0.26	3¾ 95.3
P2260	7½° 0.13	3¾ 95.3

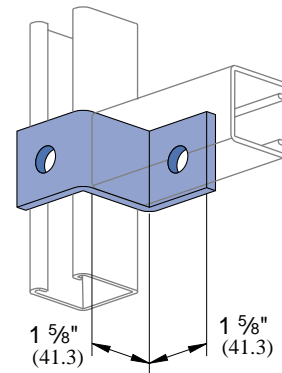
P1045

Wt/100 pcs: 55 Lbs (24.9 kg)



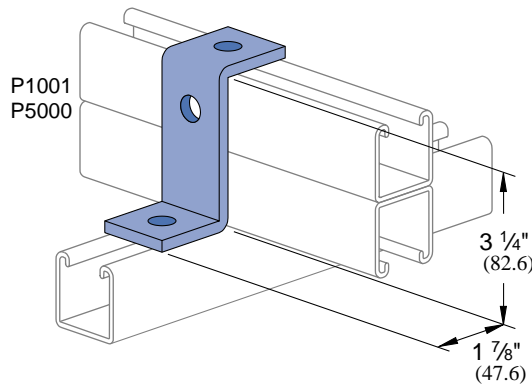
P1347

Wt/100 pcs: 55 Lbs (24.9 kg)



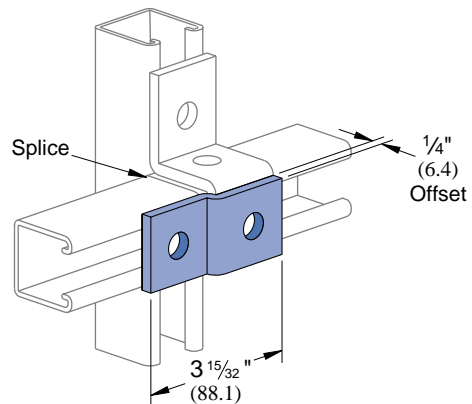
P1453

Wt/100 pcs: 70 Lbs (31.8 kg)



P1454

Wt/100 pcs: 38 Lbs (17.2 kg)

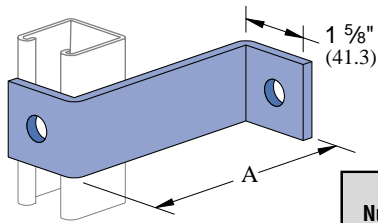


Standard Dimensions for 1 5/8" (41 mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/16" (14.3mm); **Hole Spacing - From End:** 13/16" (20.6 mm); **Hole Spacing - On Center:** 1 7/8" (47.6 mm); **Width:** 1 5/8"(41mm); **Thickness:** 1/4" (6.4mm)

1 5/8" Channel
 Telestrut System
 Nuts & Hardware
 General Fittings
 Pipe/Conduit Supports
 Electrical Fittings
 Concrete Inserts
 1 1/4" Framing System
 1 3/16" Framing System
 Fiberglass System
 Special Metals
 PrimeAngle System
 Product Index

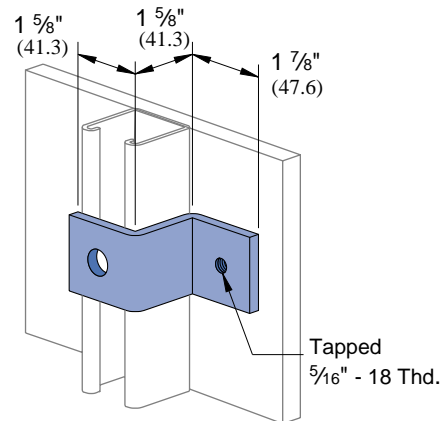
P1479A thru P1479E



Part Number	"A" In (mm)	Wt/100 pcs Lbs (kg)
P1479A	4 101.6	81 36.7
P1479B	5 127.0	92 41.7
P1479C	6 152.4	104 47.2
P1479D	7 177.8	115 52.2
P1479E	8 203.2	127 57.6

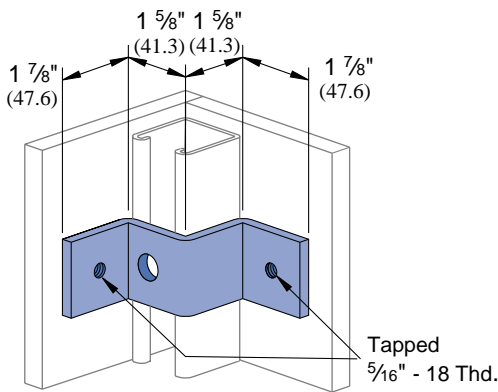
P1730

Wt/100 pcs: 54 Lbs (24.5 kg)



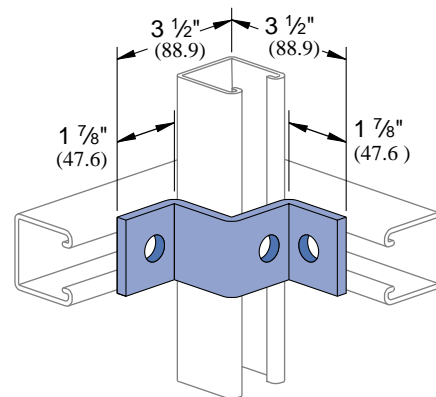
P1734

Wt/100 pcs: 70 Lbs (31.8 kg)



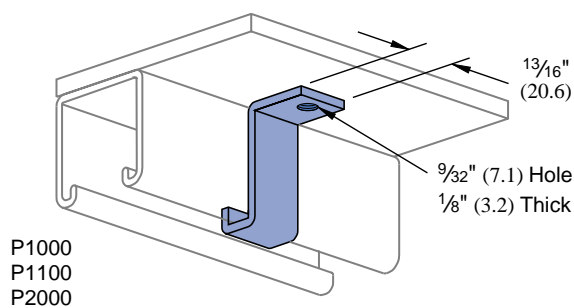
P1736

Wt/100 pcs: 70 Lbs (31.8 Kg)



P2360

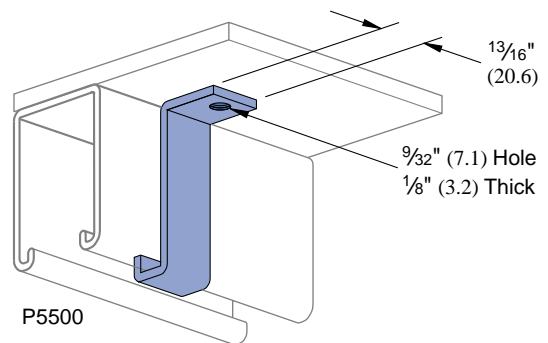
Wt/100 pcs: 9 Lbs (4.1 kg)



P1000
P1100
P2000

P5560

Wt/100 pcs: 11 Lbs (5.0 kg)



P5500

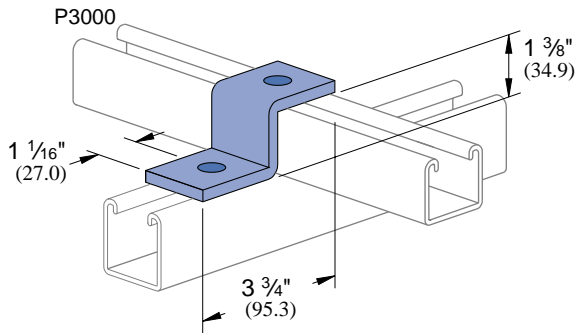
Standard Dimensions for 1 5/8" (41 mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/16" (14.3mm); **Hole Spacing - From End:** 13/16" (20.6 mm); **Hole Spacing - On Center:** 1 7/8" (47.6 mm); **Width:** 1 5/8" (41mm); **Thickness:** 1/4" (6.4mm)



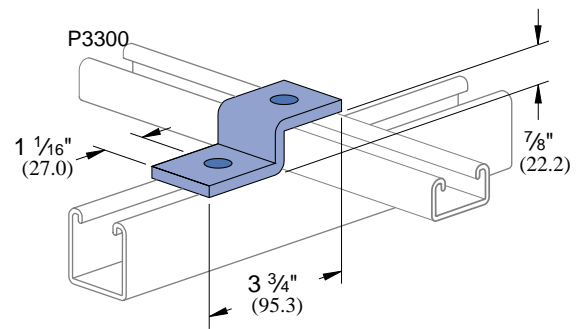
P3045

Wt/100 pcs: 53 Lbs (24.0 kg)



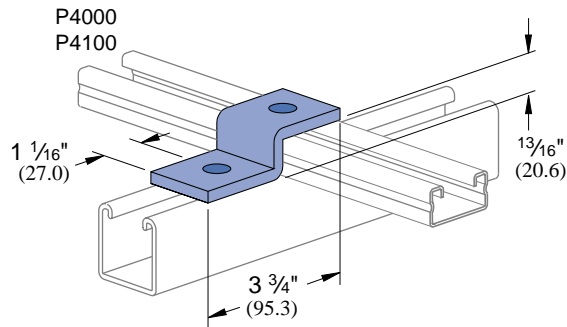
P3345

Wt/100 pcs: 47 Lbs (21.3 kg)



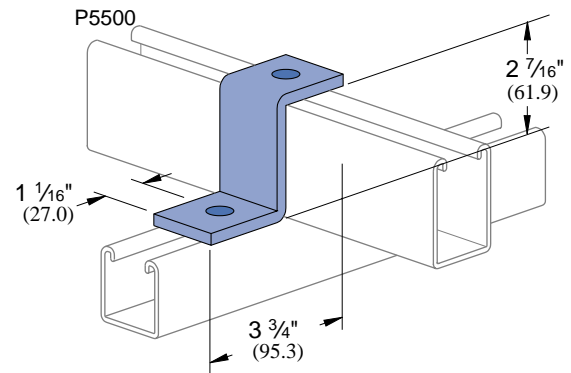
P4045

Wt/100 pcs: 47 Lbs (21.3 kg)



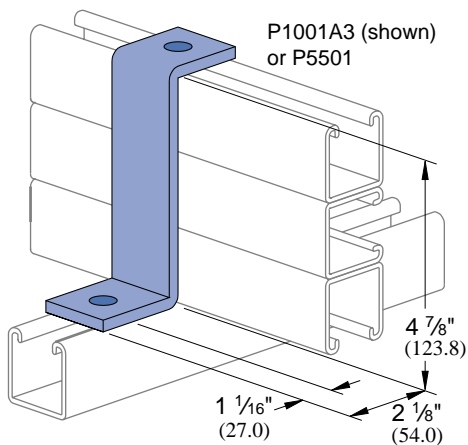
P5545

Wt/100 pcs: 67 Lbs (30.4 kg)

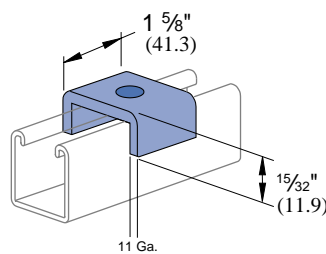


P2469

Wt/100 pcs: 93 Lbs (42.2 kg)



P2800



Part Number	Bolt Size In	Wt/100 pcs Lbs (kg)
P2800-25	1/4"	14 6.4
P2800-37	3/8"	14 6.4
P2800-50	1/2"	13 5.9
P2800-62	5/8"	13 5.9
P2800-75	3/4"	13 5.9

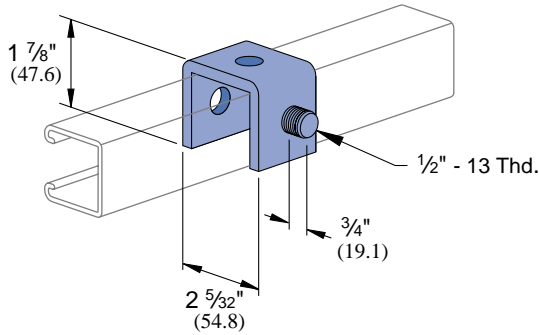
Standard Dimensions for 1 5/8" (41 mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/16" (14.3mm); **Hole Spacing - From End:** 13/16" (20.6 mm); **Hole Spacing - On Center:** 1 7/8" (47.6 mm); **Width:** 1 5/8" (41mm); **Thickness:** 1/4" (6.4mm)

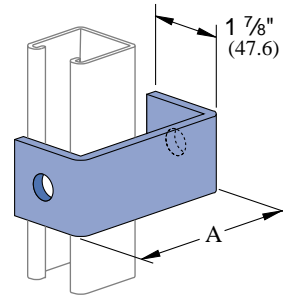
1 5/8" Channel
 Telestrut System
 Nuts & Hardware
 General Fittings
 Pipe/Conduit Supports
 Electrical Fittings
 Concrete Inserts
 1 1/4" Framing System
 1 3/16" Framing System
 Fiberglass System
 Special Metals
 PrimeAngle System
 Product Index

P1320

Wt/100 pcs: 63 Lbs (28.6 kg)



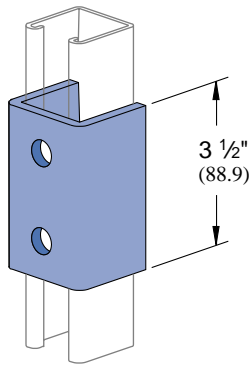
P1363A thru P1363E



Part Number	"A" In (mm)	Wt/100 pcs Lbs (kg)
P1363A	4 101.6	78 35.4
P1363B	5 127.0	89 40.4
P1363C	6 152.4	101 45.8
P1363D	7 177.8	112 50.8
P1363E	8 203.2	124 56.2

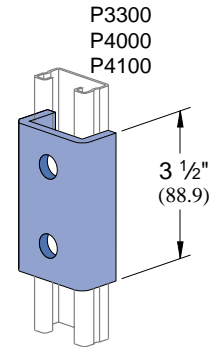
P1376

Wt/100 pcs: 128 Lbs (58.1 kg)



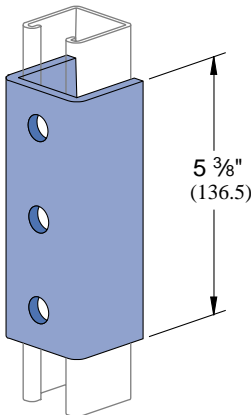
P4376

Wt/100 pcs: 85 Lbs (38.6 kg)



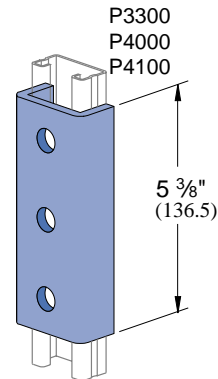
P1376A

Wt/100 pcs: 197 Lbs (89.4 kg)



P4376A

Wt/100 pcs: 130 Lbs (59.0 kg)

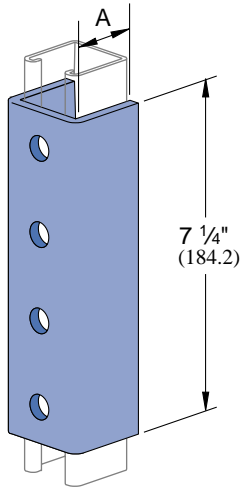


Standard Dimensions for 1 5/8" (41 mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/16" (14.3mm); **Hole Spacing - From End:** 13/16" (20.6 mm); **Hole Spacing - On Center:** 1 7/8" (47.6 mm); **Width:** 1 5/8" (41mm); **Thickness:** 1/4" (6.4mm)



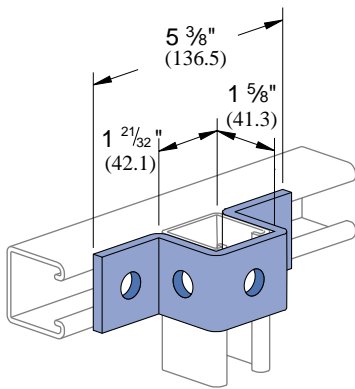
P1377, P4377, P5077, P5577



Part Number	For Use With	Wt/100 pcs Lbs (kg)
P1377	P1000, P1100, P2000	265 120.2
P4377	P3300, P4000, P4100	176 79.8
P5077	P5000	390 176.9
P5577	P5500	310 140.6

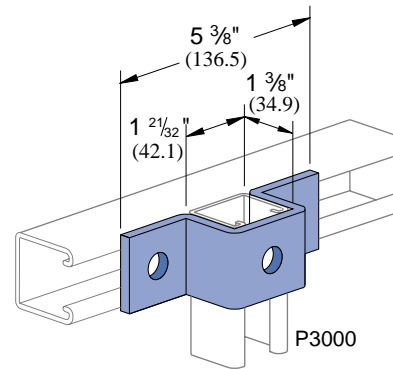
P1047

Wt/100 pcs: 88 Lbs (39.9 kg)



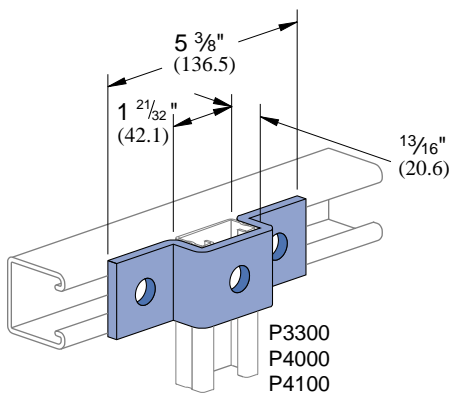
P3047

Wt/100 pcs: 84 Lbs (38.1 kg)



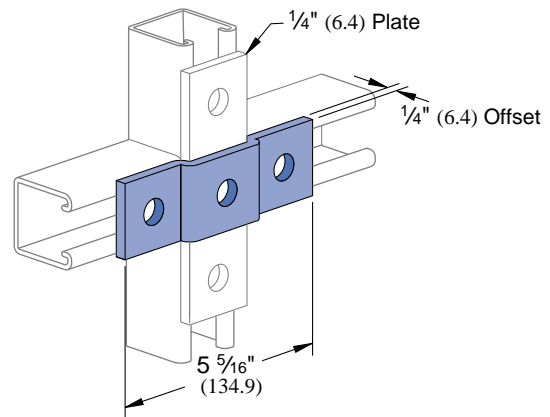
P4047

Wt/100 pcs: 71 Lbs (32.2 kg)



P1455

Wt/100 pcs: 58 Lbs (26.3 kg)



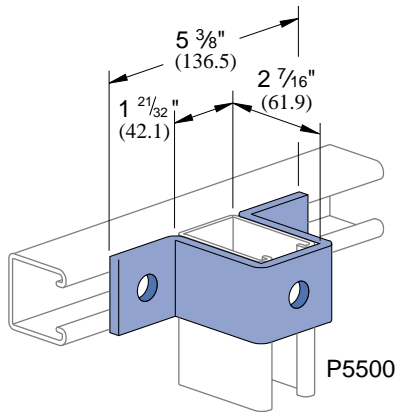
Standard Dimensions for 1 5/8" (41 mm) width series channel fittings (Unless Otherwise Shown on Drawing)

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 Fiberglass System
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 PrimeAngle System
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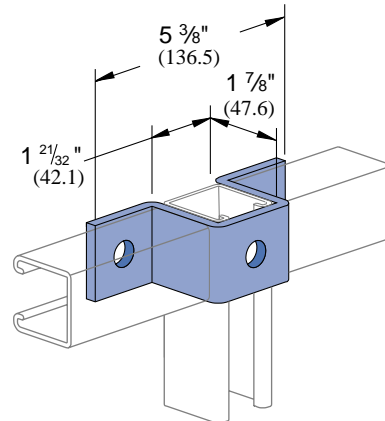
P5547

Wt/100 pcs: 108 Lbs (49.0 kg)



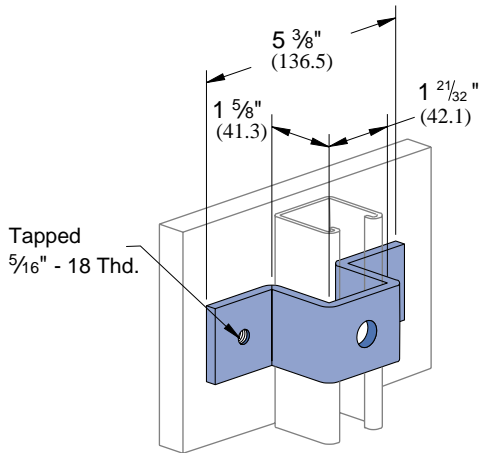
P1383

Wt/100 pcs: 95 Lbs (43.1 kg)



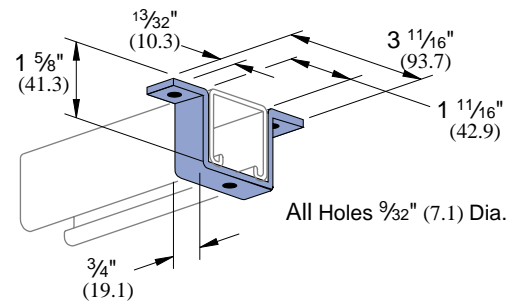
P1732

Wt/100 pcs: 88 Lbs (39.9 kg)



P2237

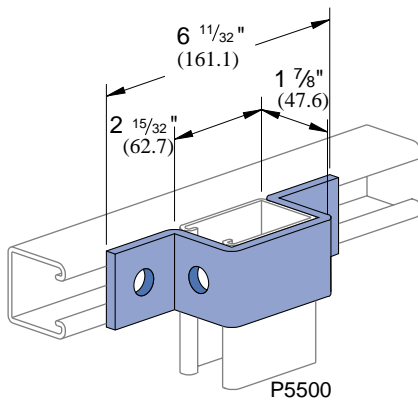
Wt/100 pcs: 18 Lbs (8.2 kg)



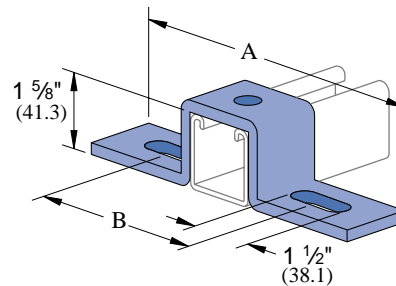
Material: 1/8" (3.2) thick.

P5543

Wt/100 pcs: 97 Lbs (44.0 kg)



P1048, P1049, P1050



Part Number	"A" In (mm)	"B" In (mm)	Wt/100 pcs Lbs (kg)
P1048	7 ¹ / ₄ 184.2	4 ¹ / ₈ 104.8	105 47.6
P1049	8 ¹ / ₂ 215.9	5 ³ / ₈ 136.5	120 54.4
P1050	10 ³ / ₈ 263.5	7 ¹ / ₄ 184.2	130 59.0

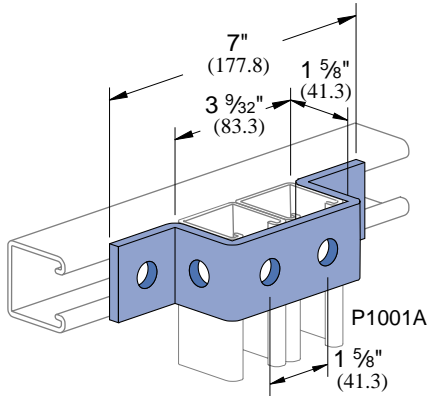
Standard Dimensions for 1 5/8" (41 mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/16" (14.3mm); Hole Spacing - From End: 13/16" (20.6 mm); Hole Spacing - On Center: 1 7/8" (47.6 mm); Width: 1 5/8" (41mm); Thickness: 1/4" (6.4mm)



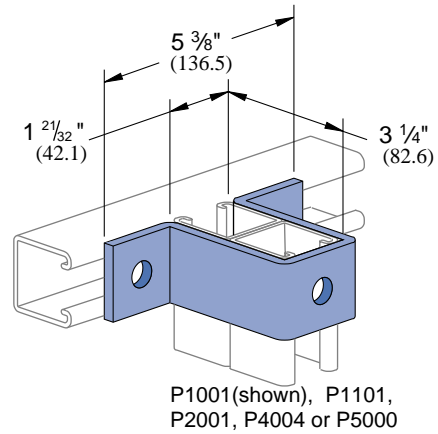
P1043A

Wt/100 pcs: 105 Lbs (47.6 kg)



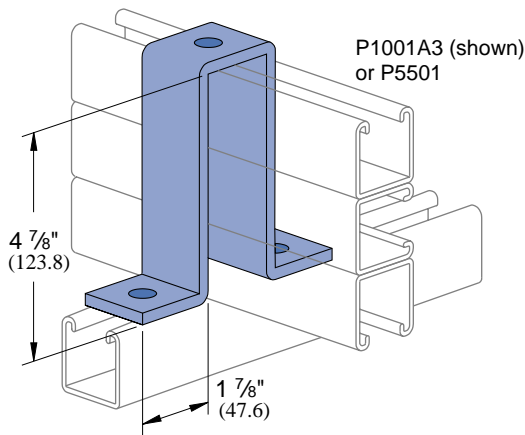
P1737

Wt/100 pcs: 128 Lbs (58.1 kg)



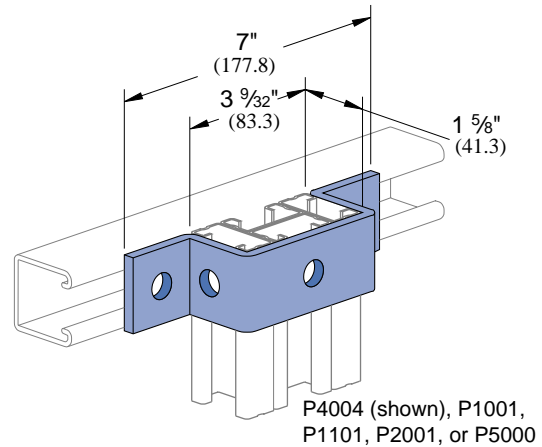
P2473

Wt/100 pcs: 197 Lbs (89.4 kg)



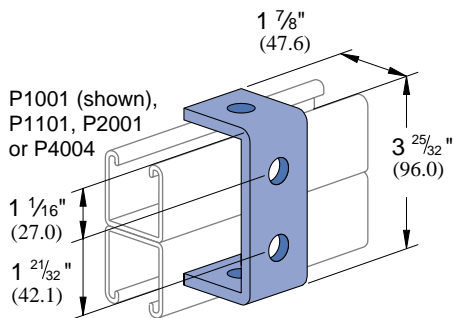
P4043

Wt/100 pcs: 106 Lbs (48.1 kg)



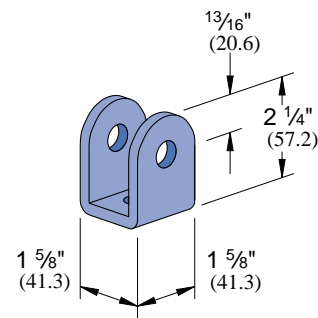
P1044

Wt/100 pcs: 70 Lbs (31.8 kg)



P1973

Wt/100 pcs: 53 Lbs (24.0 kg)



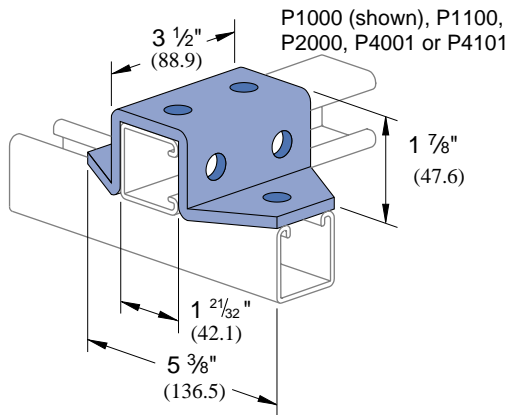
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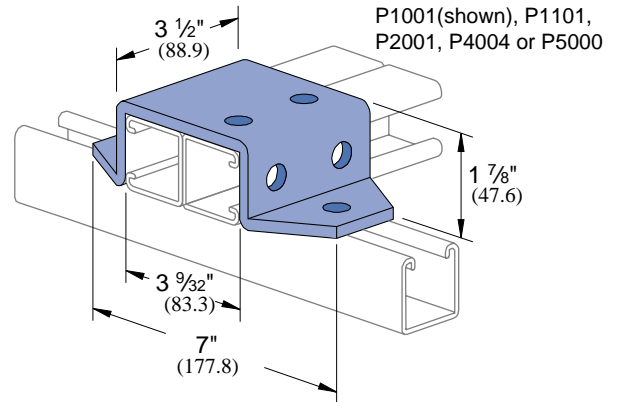
P2326

Wt/100 pcs: 171 Lbs (77.6 kg)



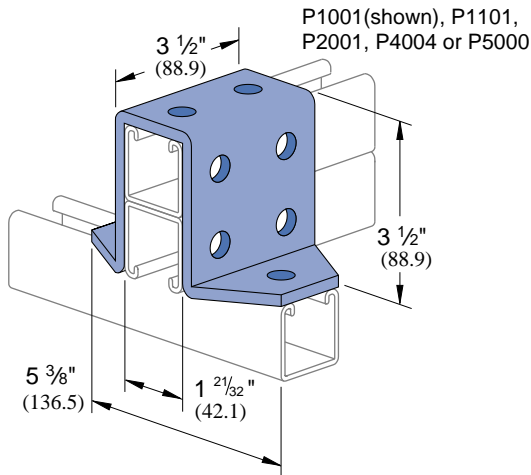
P2328

Wt/100 pcs: 209 Lbs (94.8 kg)



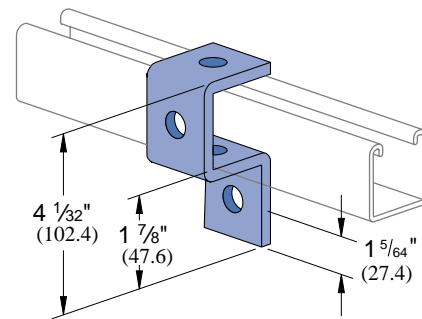
P2329

Wt/100 pcs: 257 Lbs (116.6 kg)



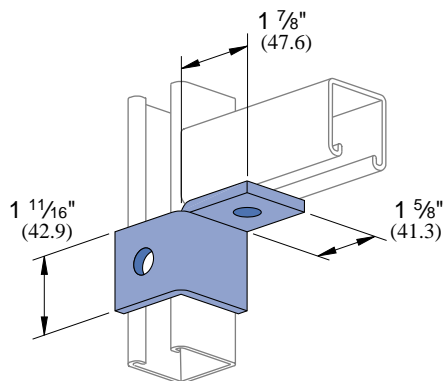
P1046A

Wt/100 pcs: 76 Lbs (34.5 kg)



P2341 R-L

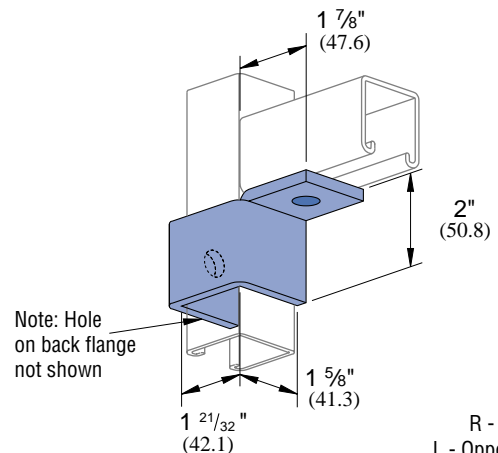
Wt/100 pcs: 60 Lbs (27.2 kg)



R - As shown
L - Opposite hand

P2472 R-L

Wt/100 pcs: 75 Lbs (34.0 kg)



R - As shown
L - Opposite hand

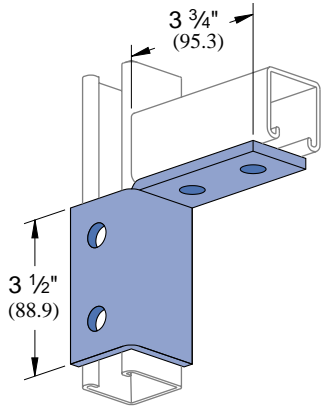
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P2343 R-L

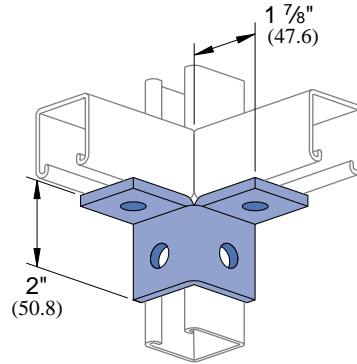
Wt/100 pcs: 119 Lbs (54.0 kg)



R - As shown
L - Opposite hand

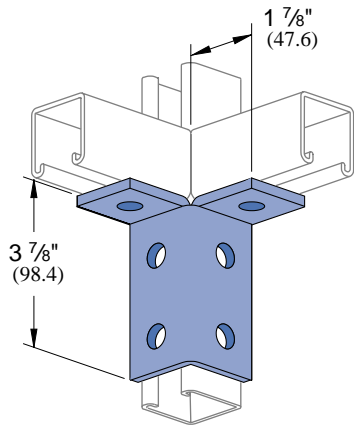
P2223

Wt/100 pcs: 76 Lbs (34.5 kg)



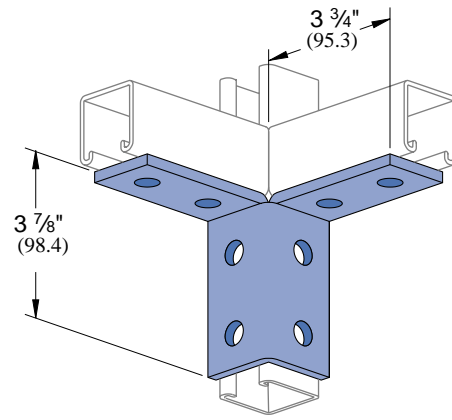
P2224

Wt/100 pcs: 115 Lbs (52.2 kg)



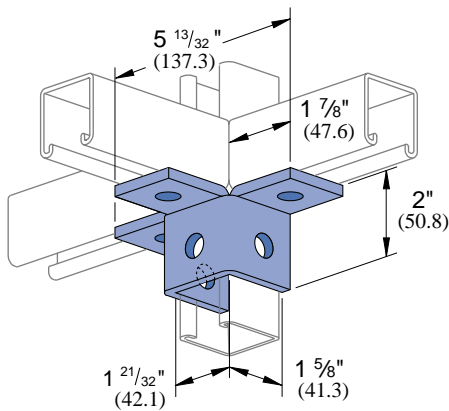
P2225

Wt/100 pcs: 155 Lbs (70.3 kg)



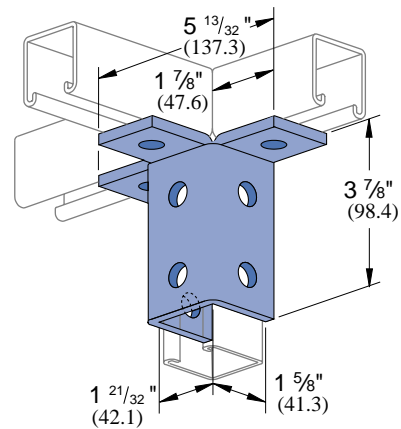
P2227

Wt/100 pcs: 113 Lbs (51.3 kg)



P2228

Wt/100 pcs: 177 Lbs (80.3 kg)



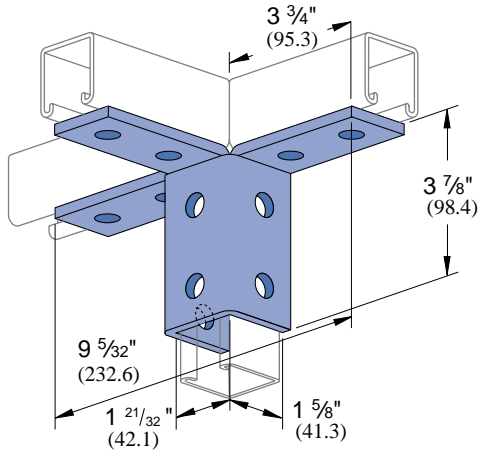
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PrimeAngle System
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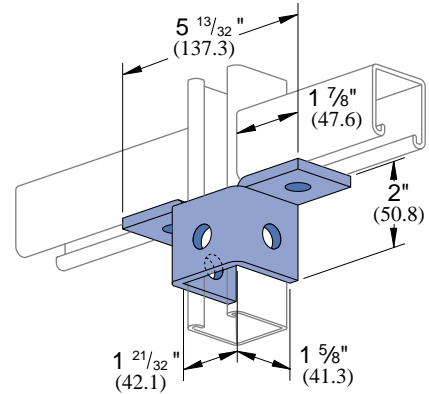
P2229

Wt/100 pcs: 230 Lbs (104.3 kg)



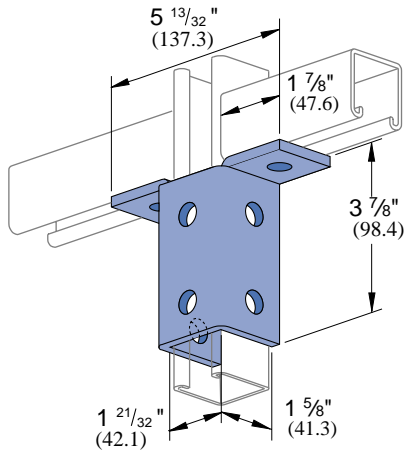
P2345

Wt/100 pcs: 93 Lbs (42.2 kg)



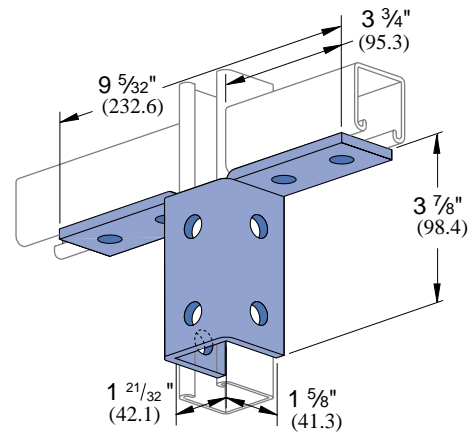
P2346

Wt/100 pcs: 150 Lbs (68.0 kg)



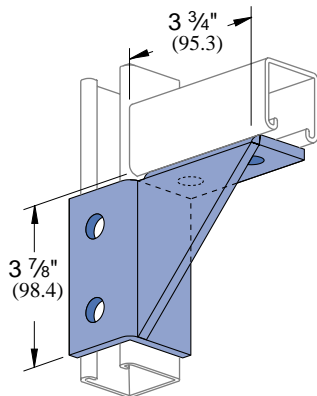
P2347

Wt/100 pcs: 193 Lbs (87.5 kg)



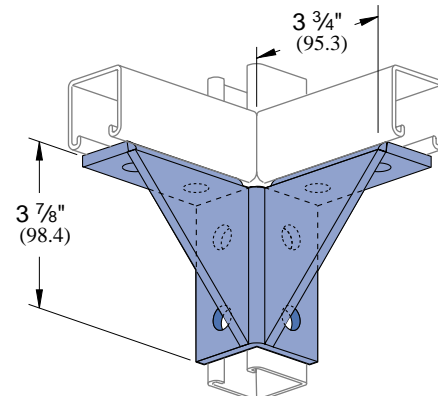
P2344 R-L

Wt/100 pcs: 176 Lbs (79.8 kg)



P2226

Wt/100 pcs: 217 Lbs (98.4 kg)



R - As shown
L - Opposite hand

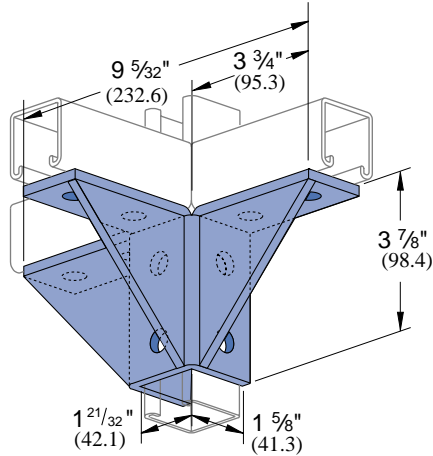
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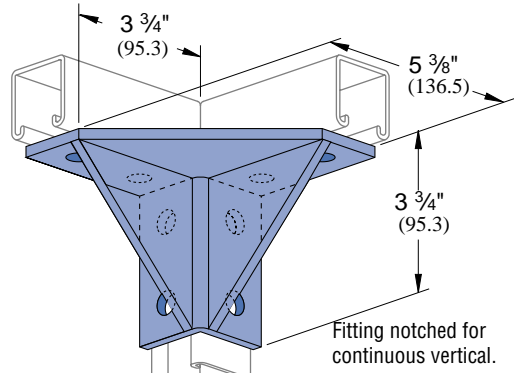
P2230

Wt/100 pcs: 310 Lbs (140.6 kg)



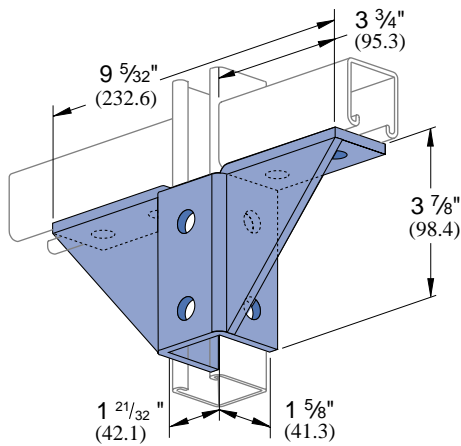
P2245

Wt/100 pcs: 315 Lbs (142.9 kg)



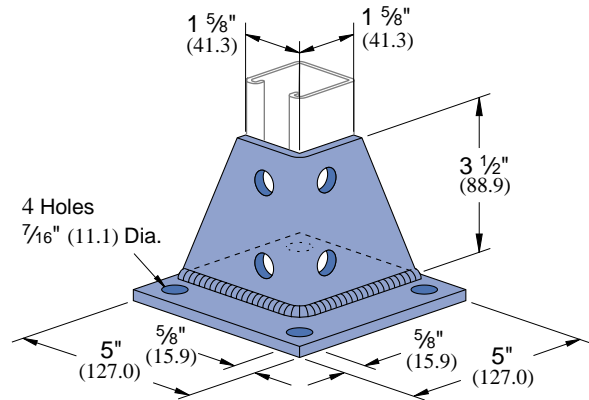
P2348

Wt/100 pcs: 274 Lbs (124.3 kg)



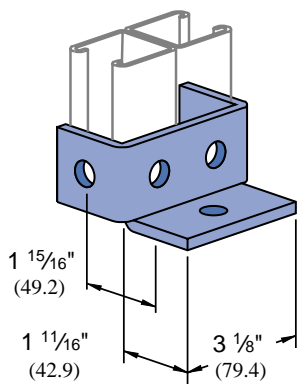
P1887

Wt/100 pcs: 297 Lbs (134.8 kg)



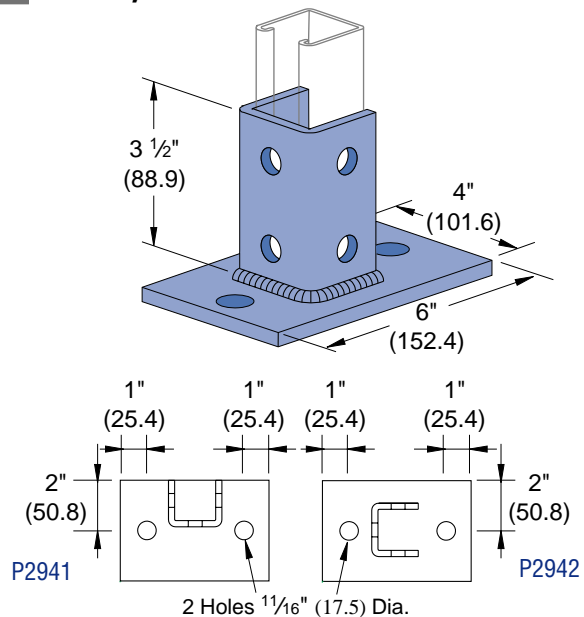
P2453

Wt/100 pcs: 116 Lbs (52.6 kg)



P2941, P2942

Wt/100 pcs: 358 Lbs (162.4 kg)



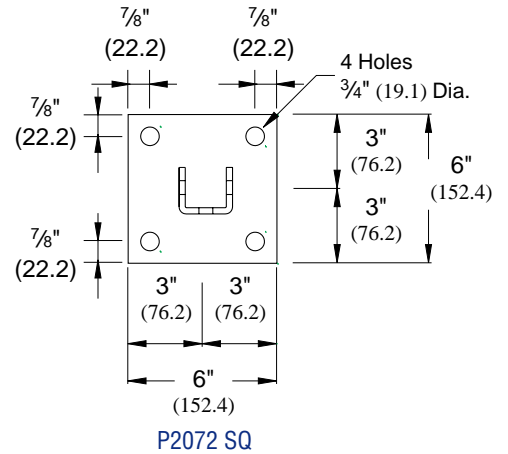
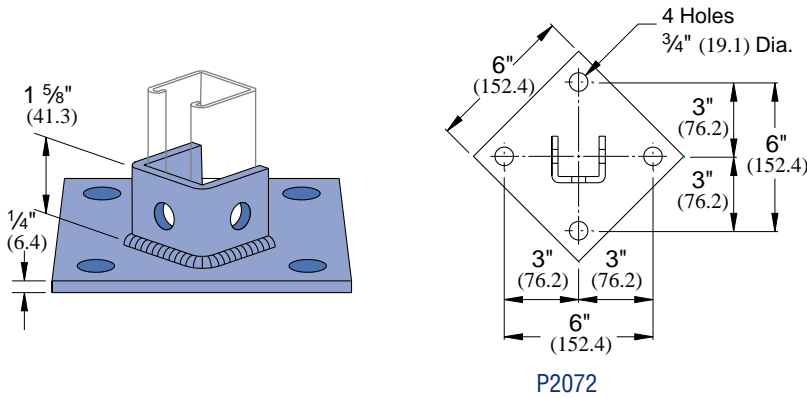
Standard Dimensions for 1 5/8" (41 mm) width series channel fittings (Unless Otherwise Shown on Drawing)

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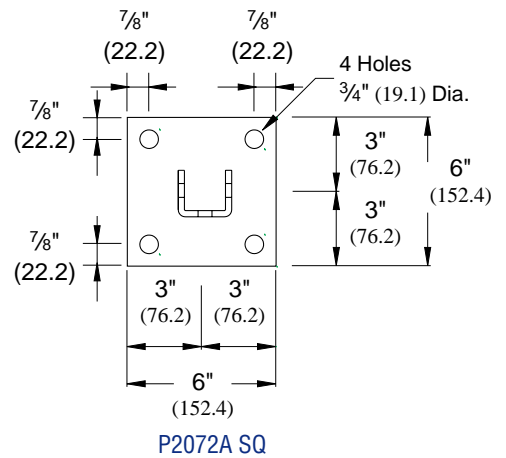
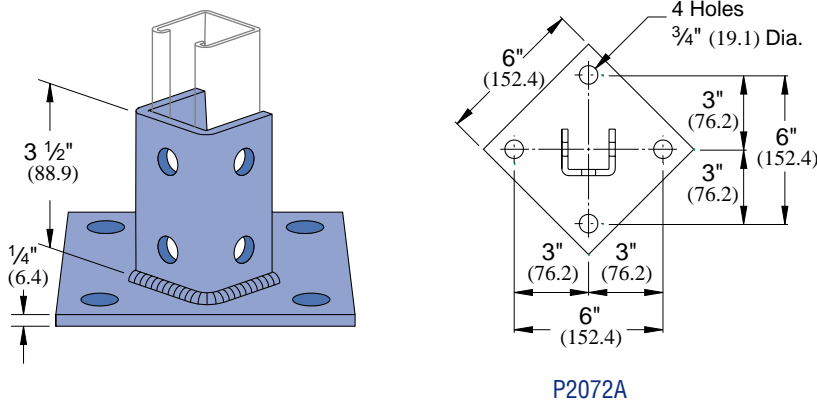
P2072, P2072 SQ

Wt/100 pcs: 307 Lbs (139.3 kg)



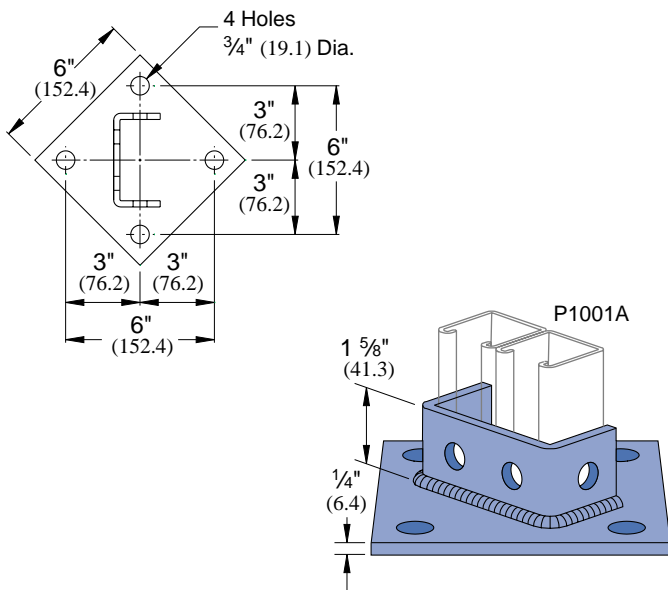
P2072A, P2072A SQ

Wt/100 pcs: 373 Lbs (169.2 kg)



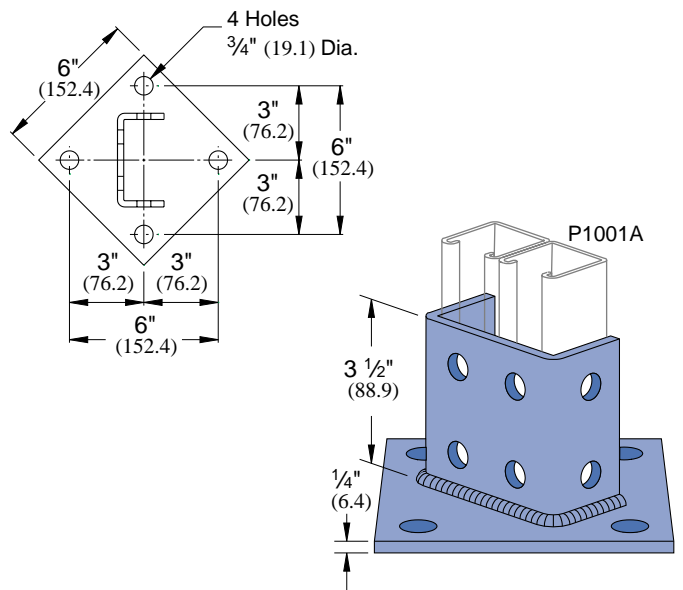
P2073

Wt/100 pcs: 325 Lbs (147.4 kg)



P2073A

Wt/100 pcs: 408 Lbs (185.1 kg)



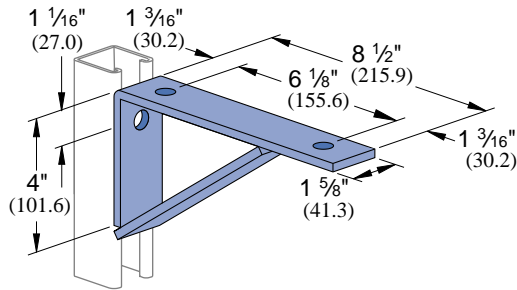
Standard Dimensions for 1 5/8" (41 mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/16" (14.3mm); **Hole Spacing - From End:** 13/16" (20.6 mm); **Hole Spacing - On Center:** 1 7/8" (47.6 mm); **Width:** 1 5/8" (41mm); **Thickness:** 1/4" (6.4mm)



P1769

Wt/100 pcs: 174 Lbs (78.9 kg)



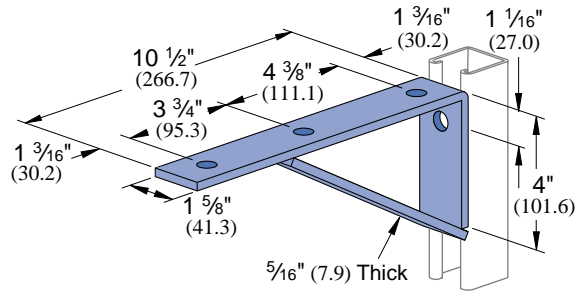
Vertical Channel Part No.	Gauge	Uniform Design Load Lbs (kg)
P1000	12	800 362.9
P1100	14	600 272.2
P2000	16	400 181.4

Safety Factor 2½

Material: ¼" (6.4) thick steel.

P1771

Wt/100 pcs: 206 Lbs (93.4 kg)



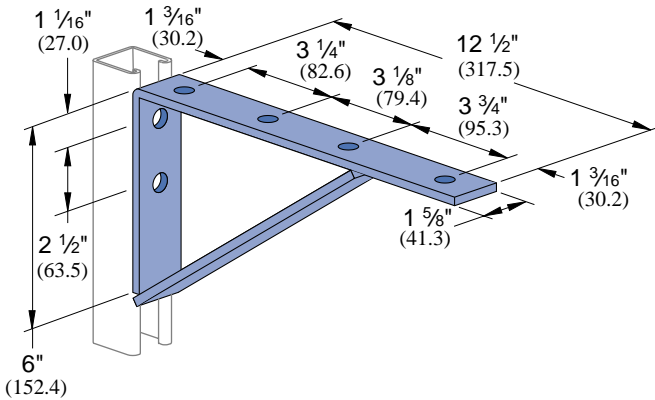
Vertical Channel Part No.	Gauge	Uniform Design Load Lbs (kg)
P1000	12	800 362.9
P1100	14	600 272.2
P2000	16	400 181.4

Safety Factor 2½

Material: ¼" (6.4) thick steel.

P1773

Wt/100 pcs: 264 Lbs (119.7 kg)



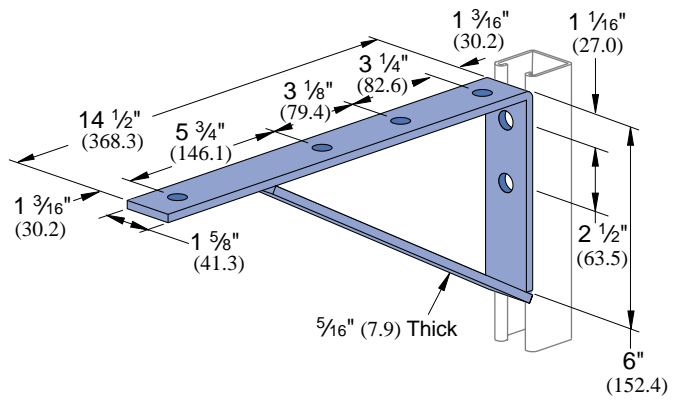
Vertical Channel Part No.	Gauge	Uniform Design Load Lbs (kg)
P1000	12	900 408.2
P1100	14	800 362.9
P2000	16	450 204.1

Safety Factor 2½

Material: ¼" (6.4) thick steel.

P1775

Wt/100 pcs: 295 Lbs (133.8 kg)



Vertical Channel Part No.	Gauge	Uniform Design Load Lbs (kg)
P1000	12	900 408.2
P1100	14	800 362.9
P2000	16	450 204.1

Safety Factor 2½

Material: ¼" (6.4) thick steel.

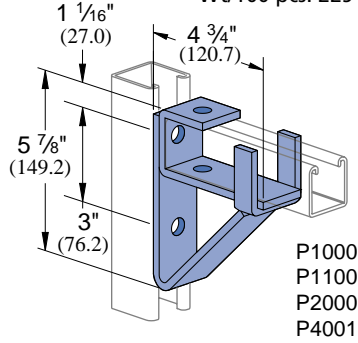
Standard Dimensions for 1 5/8" (41 mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/16" (14.3mm); **Hole Spacing - From End:** 1 3/16" (20.6 mm); **Hole Spacing - On Center:** 1 7/8" (47.6 mm); **Width:** 1 5/8" (41mm); **Thickness:** ¼" (6.4mm)

1 5/8" Channel
Telesruct System
Nuts & Hardware
General Fittings
Pipe/Conduit Supports
Electrical Fittings
Concrete Inserts
1 1/4" Framing System
1 3/16" Framing System
Fiberglass System
Special Metals
PrimeAngle System
Product Index

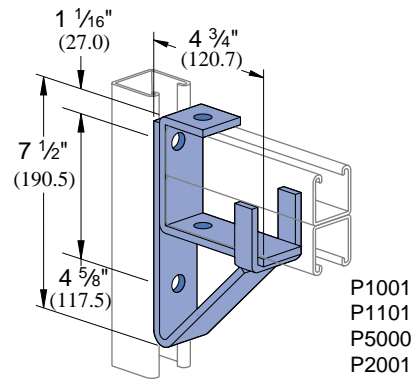
P1075

Wt/100 pcs: 229 Lbs (103.9 kg)



P1593

Wt/100 pcs: 272 Lbs (123.4 kg)



Material: 1/4" (6.4) thick steel.

Material: 1/4" (6.4) thick steel.

* Allowable moment for fitting only.
Channel may determine overall capacity.

* Allowable moment for fitting only.
Channel may determine overall capacity.

Vertical Channel		Allowable Moment*
Part No.	Gauge	In-Lbs (N•M)
P1000	12	5,100 576
P1100	14	4,400 497
P2000	16	3,200 362

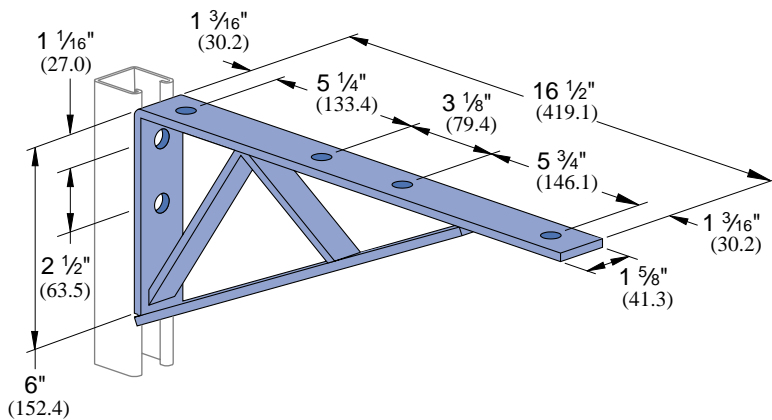
Safety Factor 2 1/2

Vertical Channel		Allowable Moment*
Part No.	Gauge	In-Lbs (N•M)
P1000	12	13,000 1,469
P1100	14	9,100 1,028
P2000	16	6,500 734

Safety Factor 2 1/2

P1777

Wt/100 pcs: 385 Lbs (174.6 kg)



Vertical Channel		Uniform Design Load
Part No.	Gauge	Lbs (kg)
P1000	12	1,200 544.3
P1100	14	900 408.2
P2000	16	600 272.2

Safety Factor 2 1/2

Material: 1/4" (6.4) thick steel.

Note

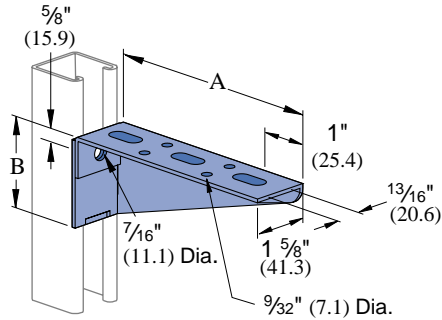
When used for mechanical supports, load capacities of brackets and fittings should be in compliance with the American Standard Code for Pressure Piping.



P2491 R-L thru P2493 R-L

Material : 12 Gauge Steel.

R - As shown; L - Opposite hand



Part No.	Vertical Channel Gauge	Uniform Design Load Lbs (kg)
P1000	12	300 136.1
P1100	14	250 113.4
P2000	16	200 90.7

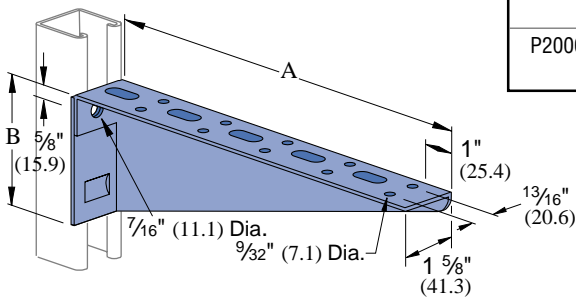
Part Number	Stamped Ident. No.	"A" In (mm)	"B" In (mm)	Wt/100 pcs Lbs (kg)
P2491 R-L	121892 R-L	6 52.4	1 ¹⁵ / ₁₆ 49.2	67 30.4
P2492 R-L	121893 R-L	8 203.2	2 ⁷ / ₁₆ 61.9	92 41.7
P2493 R-L	121894 R-L	10 254.0	2 ¹⁵ / ₁₆ 74.6	120 54.4

Safety Factor - 2½

P2494 R-L thru P2499 R-L

Material : 12 Gauge Steel.

R - As shown; L - Opposite hand



Part No.	Vertical Channel Gauge	Uniform Design Load Lbs (kg)
P1000	12	300 136.1
P1100	14	250 113.4
P2000	16	200 90.7

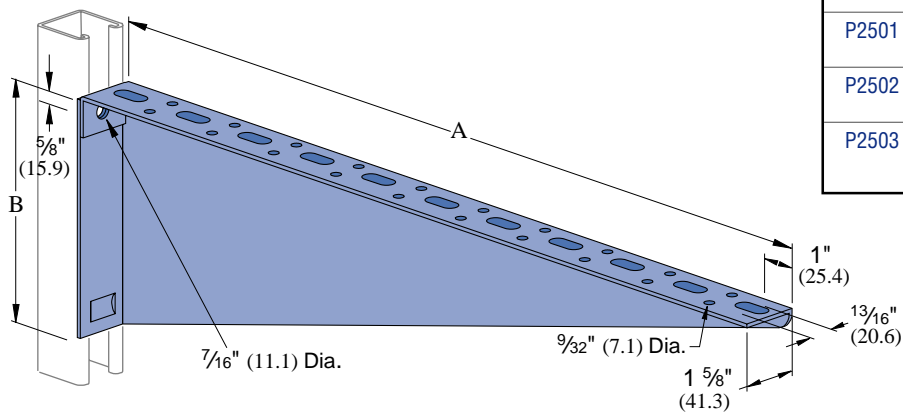
Part Number	Stamped Ident. No.	"A" In (mm)	"B" In (mm)	Wt/100 pcs Lbs (kg)
P2494 R-L	121895 R-L	12 304.8	3 ⁷ / ₁₆ 87.3	152 68.9
P2495 R-L	121896 R-L	14 355.6	3 ¹⁵ / ₁₆ 100.0	173 78.5
P2496 R-L	121897 R-L	16 406.4	4 ⁷ / ₁₆ 112.7	223 101.2
P2497 R-L	121898 R-L	18 457.2	4 ¹⁵ / ₁₆ 125.4	266 120.7
P2498 R-L	121899 R-L	20 508.0	5 ⁷ / ₁₆ 138.1	308 139.7
P2499 R-L	121900 R-L	22 558.8	5 ¹⁵ / ₁₆ 150.8	355 161.0

Safety Factor - 2½

P2500 R-L thru P2503 R-L

Material : 12 Gauge Steel.

R - As shown; L - Opposite hand



Part Number	Stamped Ident. No.	"A" In (mm)	"B" In (mm)	Wt/100 pcs Lbs (kg)
P2500 R-L	121901 R-L	24 609.6	6 ⁷ / ₁₆ 163.5	400 181.4
P2501 R-L	121902 R-L	26 660.4	6 ¹⁵ / ₁₆ 176.2	445 201.8
P2502 R-L	121903 R-L	28 711.2	7 ⁷ / ₁₆ 188.9	493 223.6
P2503 R-L	121904 R-L	30 762.0	7 ¹⁵ / ₁₆ 201.6	545 247.2

Part No.	Vertical Channel Gauge	Uniform Design Load Lbs (kg)
P1000	12	300 136.1
P1100	14	250 113.4
P2000	16	200 90.7

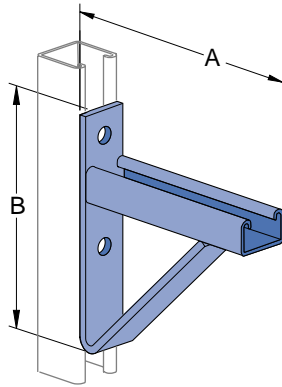
Safety Factor - 2½

Note

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

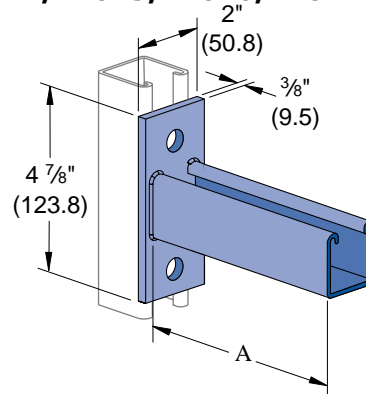
15/16" Channel
 Telesnut System
 Hardware
 General Fittings
 Pipe/Conduit Supports
 Electrical Fittings
 Concrete Inserts
 1 1/4" Framing System
 1 3/16" Framing System
 Fiberglass System
 Special Metals
 PrimeAngle System
 Product Index

P2547 thru P2551 Cable Tray Bracket



Part Number	"A" In (mm)	"B" In (mm)	Wt/100 pcs Lbs (kg)	Uniform Load* Lbs (kg)
P2547	15 152.4	8 3/4 222.3	420 190.5	1,000 453.6
P2548	21 304.8	8 3/4 222.3	628 284.9	1,000 453.6
P2549	27 457.2	11 1/4 285.8	860 390.1	900 408.2
P2550	33 457.2	11 1/4 285.8	1010 458.1	900 408.2
P2551	39 609.6	16 406.4	1257 683.3	800 362.9

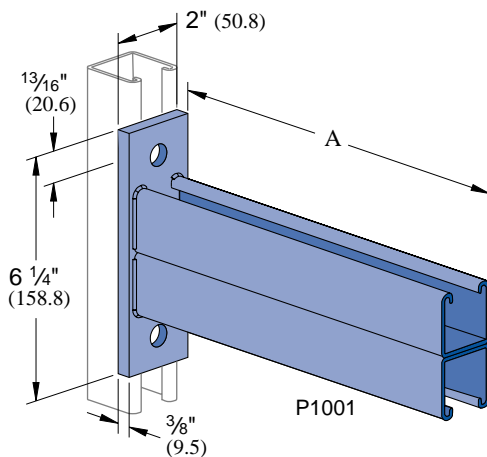
P2944, P2945, P2946, P2947



Part Number	"A" In (mm)	Wt/100 pcs Lbs (kg)	Uniform Load* Lbs (kg)
P2944	6 152.4	185 83.9	1200 544.3
P2945	12 304.8	293 132.9	600 272.2
P2946	18 457.2	401 181.9	400 181.4
P2947	24 609.6	509 230.9	300 136.1

Safety Factor 2 1/2
* Mounted on 12 Ga. Channel

P2542 thru P2546



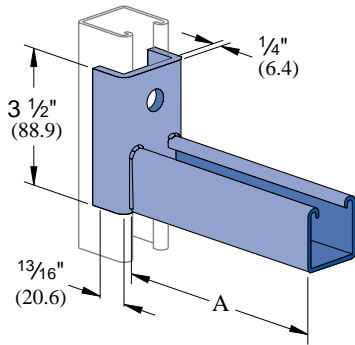
Part Number	"A" In (mm)	Wt/100 pcs Lbs (kg)	Vertical Channel		Uniform Design Load Lbs (kg)
			Part No.	Gauge	
P2542	12 304.8	502 227.7	P1000	12	2,000 907.2
			P1100	14	1,400 635.0
			P2000	16	1,000 453.6
P2543	18 457.2	692 313.9	P1000	12	1,300 589.7
			P1100	14	900 408.2
			P2000	16	650 294.8
P2544	24 609.6	882 400.1	P1000	12	1,000 453.6
			P1100	14	700 317.5
			P2000	16	500 226.8
P2545	30 762.0	1,072 486.3	P1000	12	800 362.9
			P1100	14	560 254.0
			P2000	16	400 181.4
P2546	36 914.4	1,262 572.4	P1000	12	650 294.8
			P1100	14	450 204.1
			P2000	16	320 145.1

Note

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



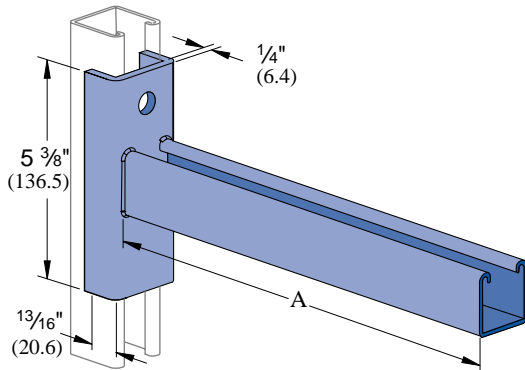
P2231, P2232



Part Number	"A" In (mm)	Wt/100 pcs Lbs (kg)	Vertical Channel		Uniform Design Load Lbs (kg)
			Part No.	Gauge	
P2231	6 152.4	191 86.6	P1000	12	1,600 725.7
			P1100	14	1,200 544.3
			P2000	16	800 362.9
P2232	12 304.8	292 132.4	P1000	12	800 362.9
			P1100	14	600 272.2
			P2000	16	400 181.4

Safety Factor - 2½

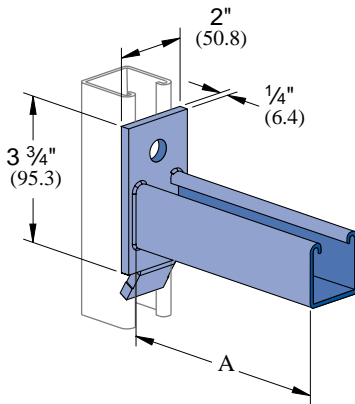
P2233, P2234



Part Number	"A" In (mm)	Wt/100 pcs Lbs (kg)	Vertical Channel		Uniform Design Load Lbs (kg)
			Part No.	Gauge	
P2233	18 457.2	436 197.8	P1000	12	600 272.2
			P1100	14	450 204.1
			P2000	16	300 136.1
P2234	24 609.6	536 243.1	P1000	12	450 204.1
			P1100	14	330 149.7
			P2000	16	220 99.8

Safety Factor - 2½

P2513 thru P2516



Part Number	"A" In (mm)	Wt/100 pcs Lbs (kg)	Vertical Channel		Uniform Design Load Lbs (kg)
			Part No.	Gauge	
P2513	6 152.4	161 73.0	P1000	12	1,200 544.3
			P1100	14	800 362.9
			P2000	16	600 272.2
P2514	12 304.8	261 118.4	P1000	12	600 272.2
			P1100	14	400 181.4
			P2000	16	300 136.1
P2515	18 457.2	361 163.7	P1000	12	400 181.4
			P1100	14	270 122.5
			P2000	16	200 90.7
P2516	24 609.6	461 209.1	P1000	12	300 136.1
			P1100	14	200 90.7
			P2000	16	150 68.0

Safety Factor - 2½

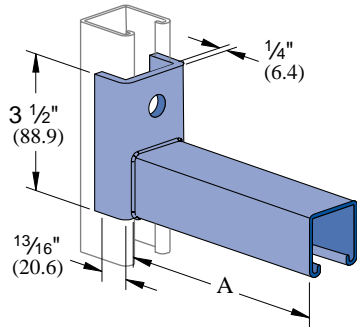
When installed in inverted position use 60% of loads shown.

Note

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

15/8" Channel
 Telesruct System
 Hardware
 General Fittings
 Pipe/Conduit Supports
 Electrical Fittings
 Concrete Inserts
 1 1/4" Framing System
 1 3/16" Framing System
 Fiberglass System
 Special Metals
 PrimeAngle System
 Product Index

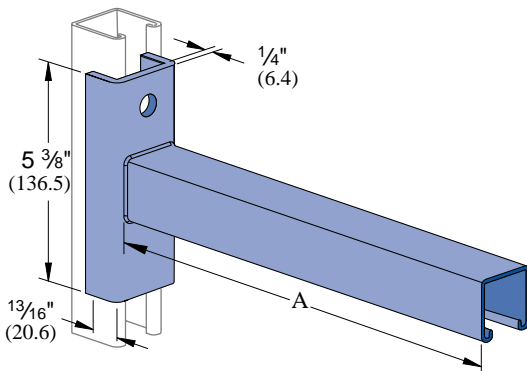
P2231A, P2232A



Part Number	"A" In (mm)	Wt/100 pcs Lbs (kg)	Vertical Channel		Uniform Design Load Lbs (kg)
			Part No.	Gauge	
P2231A	6 152.4	191 86.6	P1000	12	1,600 725.7
			P1100	14	1,200 544.3
			P2000	16	800 362.9
P2232A	12 304.8	292 132.4	P1000	12	800 362.9
			P1100	14	600 272.2
			P2000	16	400 181.4

Safety Factor - 2½

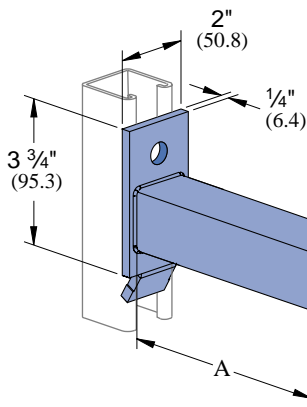
P2233A, P2234A



Part Number	"A" In (mm)	Wt/100 pcs Lbs (kg)	Vertical Channel		Uniform Design Load Lbs (kg)
			Part No.	Gauge	
P2233A	18 457.2	436 197.8	P1000	12	600 272.2
			P1100	14	450 204.1
			P2000	16	300 136.1
P2234A	24 609.6	536 243.1	P1000	12	450 204.1
			P1100	14	330 149.7
			P2000	16	220 99.8

Safety Factor 2½

P2513A thru P2516A



Part Number	"A" In (mm)	Wt/100 pcs Lbs (kg)	Vertical Channel		Uniform Design Load Lbs (kg)
			Part No.	Gauge	
P2513A	6 152.4	161 73.0	P1000	12	1,200 544.3
			P1100	14	800 362.9
			P2000	16	600 272.2
P2514A	12 304.8	261 118.4	P1000	12	600 272.2
			P1100	14	400 181.4
			P2000	16	300 136.1
P2515A	18 457.2	361 163.7	P1000	12	400 181.4
			P1100	14	270 122.5
			P2000	16	200 90.7
P2516A	24 609.6	461 209.1	P1000	12	300 136.1
			P1100	14	200 90.7
			P2000	16	150 68.0

When installed in inverted position use 60% of loads shown.

Safety Factor 2½

Note

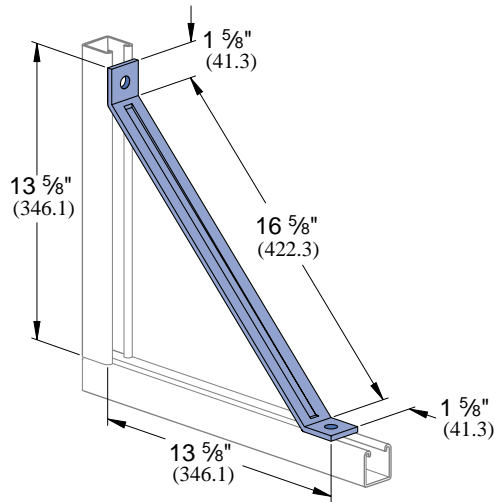
When used for mechanical supports, load capacities of brackets and fittings should be in compliance with the American Standard Code for Pressure Piping.



P2452

Knee Brace

Wt/100 pcs: 277 Lbs (125.6 kg)

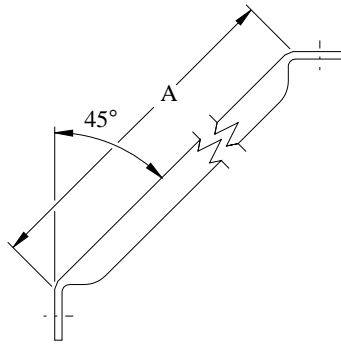
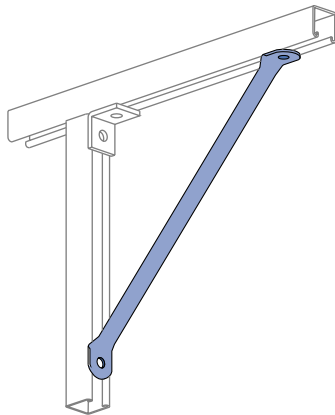


Design Axial Load
1200 Lbs (544.3 kg)

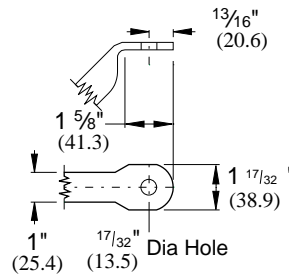
Material: 1/4" (6.4) thick steel.

P2458-18 thru P2458-36

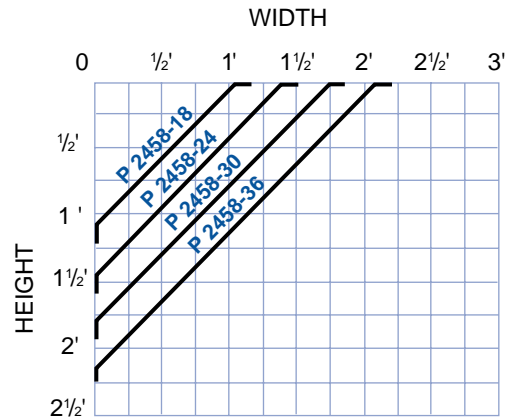
Tubular Knee Braces



Part Number	"A" In (mm)	Wt/100 pcs Lbs (kg)
P2458-18	18 457.2	146 66.2
P2458-24	24 609.6	186 84.4
P2458-30	30 762.0	227 103.0
P2458-36	36 914.4	267 121.1



Design Loads
 Compression = 1500 Lbs (680.4 kg)
 Tension = 300 Lbs (136.1 kg)



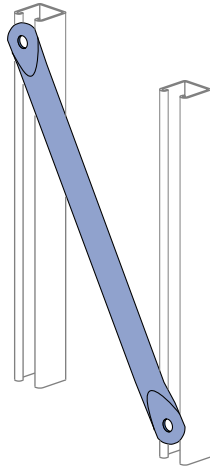
Note

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

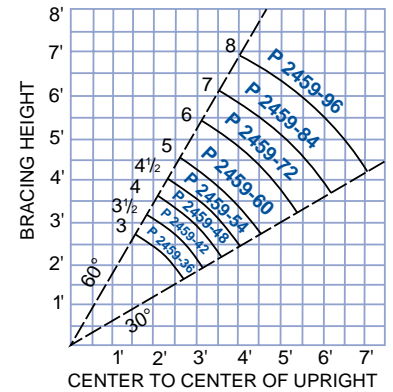
1 5/8" Channel
 Telestrut System
 Nuts & Hardware
 General Fittings
 Pipe/Conduit Supports
 Electrical Fittings
 Concrete Inserts
 1 1/4" Framing System
 1 3/16" Framing System
 Fiberglass System
 Special Metals
 PrimeAngle System
 Product Index

P2459-36 thru P2459-96

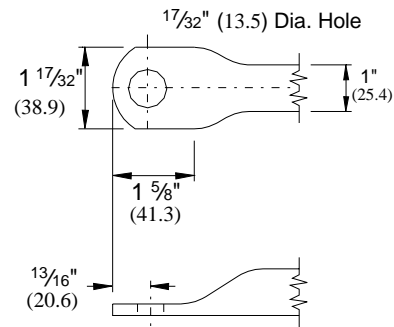
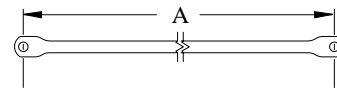
Tubular Back Braces



Part Number	"A" In (mm)	Wt/100 pcs Lbs (kg)
P2459-36	36 914.4	255 115.7
P2459-42	42 1,066.8	296 134.3
P2459-48	48 1,219.2	336 152.4
P2459-54	54 1,371.6	377 171.0
P2459-60	60 1,524.0	418 189.6
P2459-72	72 1,828.8	499 226.3
P2459-84	84 2,133.6	580 263.1
P2459-96	96 2,438.4	661 299.8

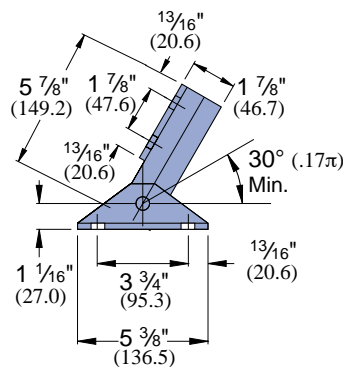
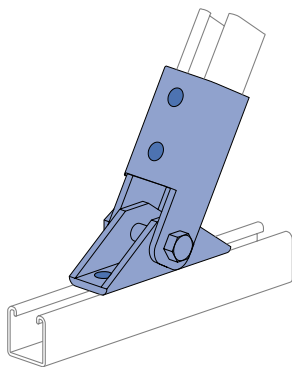


1. The vertical lines of the graph correspond to the center to center line dimension of the uprights.
2. Along this vertical line locate the (maximum usable) horizontal bracing height line.
3. The arc line that intersects the point formed by the intersection of the two lines, indicates the brace required.
4. 60° - 30° maximum, minimum brace angles are indicated for maximum effect.



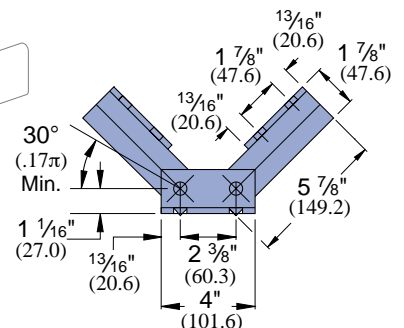
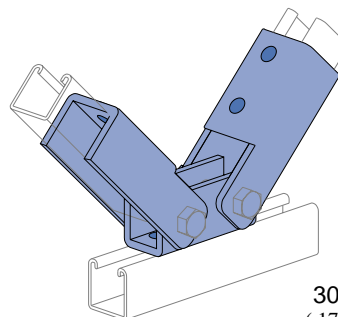
P2815 Adjustable Brace Fitting

Wt/100 pcs: 307 Lbs (139.3 kg)



P2815D Adjustable Brace Fitting

Wt/100 pcs: 497 Lbs (225.4 kg)



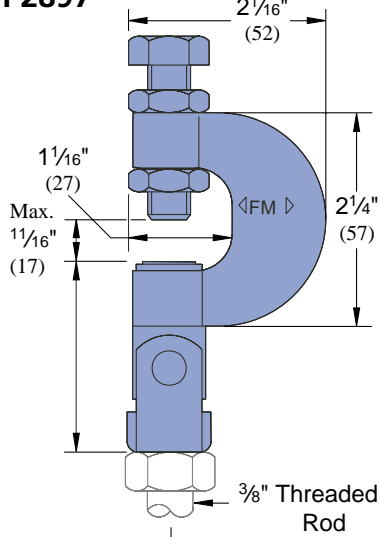
Note

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



P2897

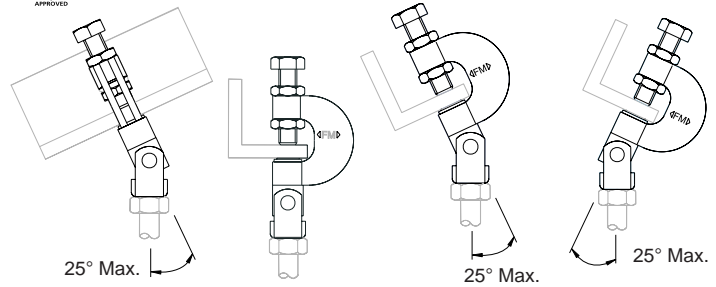
Wt/100 pcs: 33 Lbs (15.0 kg)



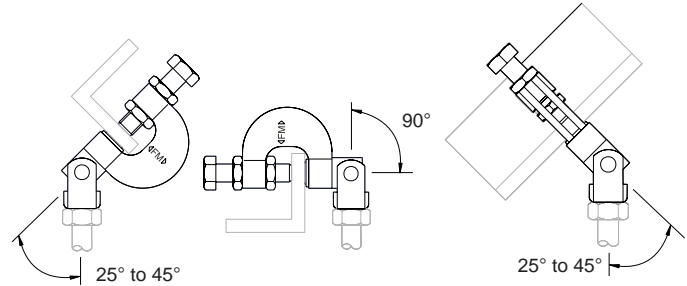
Design Load (Safety Factor of 4)
 (angles ≤ 25°) - 550 Lbs (250Kg)
 (angles > 25°) - 330 Lbs (150Kg)



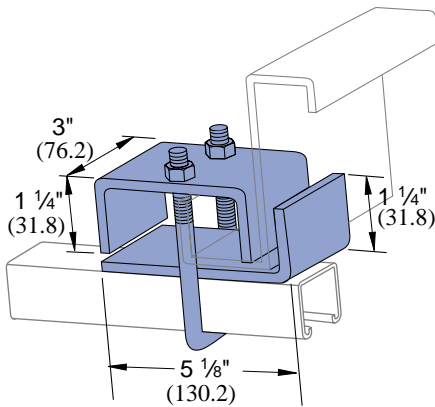
FM Approved Applications



Other (Non - FM Approved) Applications



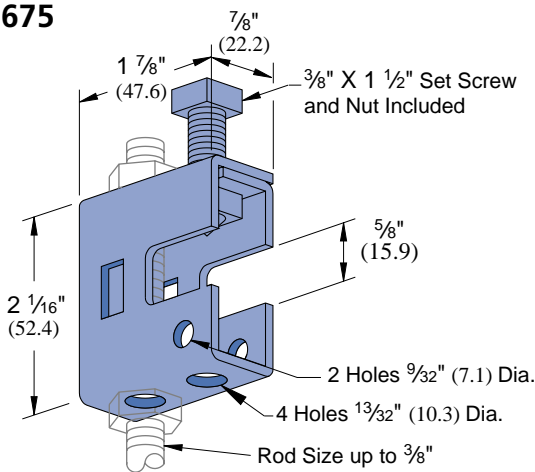
P2784



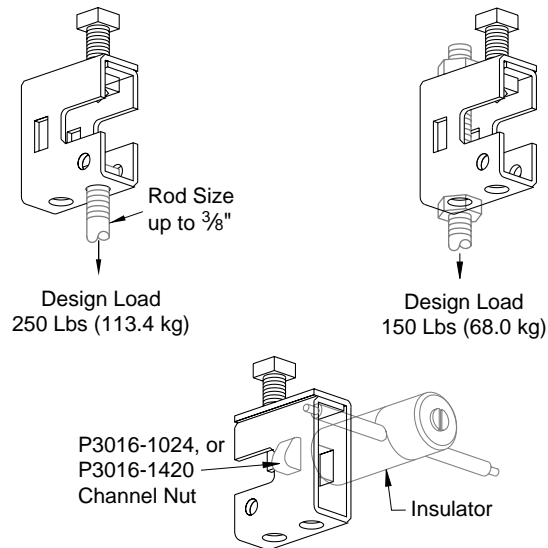
Part Number	For Use With	Load Lbs (kg)	Wt/100 pcs Lbs (kg)
P2784-1	P1000, P1100, P2000	1,200 544	175 79.3
P2784-2	P1001, P1101, P2001	1,200 544	179 81.1
P2784-3	P5001, P5501	1,200 544	180 81.5

P2675

Wt/100 pcs: 33 Lbs (15.0 kg)



Clamp Materials: .105" (2.7) thick steel.
 Clamp P2675 is designed for light duty rod suspension.
 It also may be used with P3016-1024 or P3016-1420 nut as illustrated above for mounting insulators, etc.

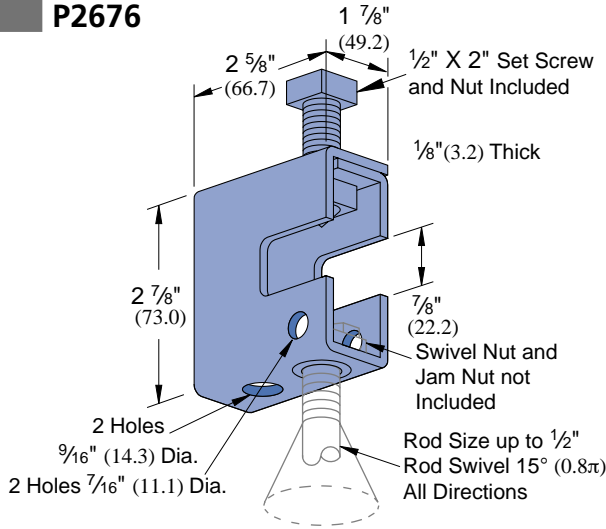


Note

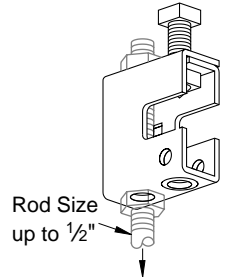
When used for mechanical supports, load capacities of brackets and fittings should be in compliance with the American Standard Code for Pressure Piping.

1 5/8" Channel
 Telestrut System
 Nuts & Hardware
 General Fittings
 Pipe/Conduit Supports
 Electrical Fittings
 Concrete Inserts
 1 1/4" Framing System
 1 3/16" Framing System
 Fiberglass System
 Special Metals
 PrimeAngle System
 Product Index

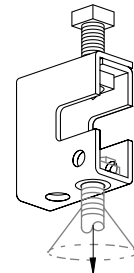
P2676



Wt/100 pcs: 72 Lbs (32.7 kg)



Design Load
300 Lbs (136.1 kg)



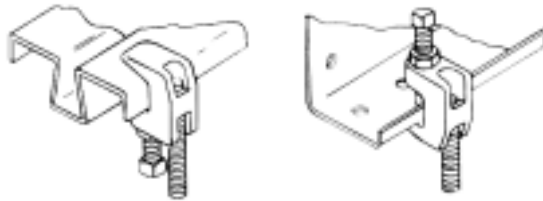
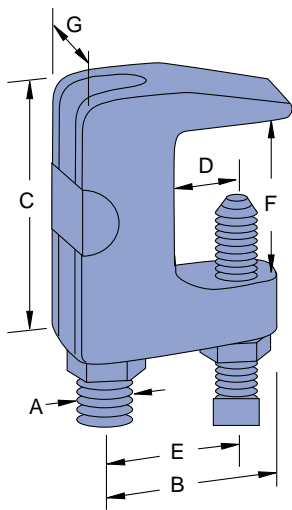
Design Load
500 Lbs (226.8 kg)

Clamp P2676 provides a means of rod suspension where a free swing of up to 15° (0.8π) is required. Clamp will accommodate 1/4" (6.4), 3/8" (9.5), or 1/2" (12.7) rods. Order swivel nuts P2679-4, -6, or -8 as required. Clamp may also be used with P2677 as illustrated in application drawings on page 113.

Clamp Materials: 1/8" (3.2) thick steel.

P2898

Universal Beam Clamp

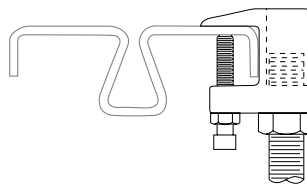
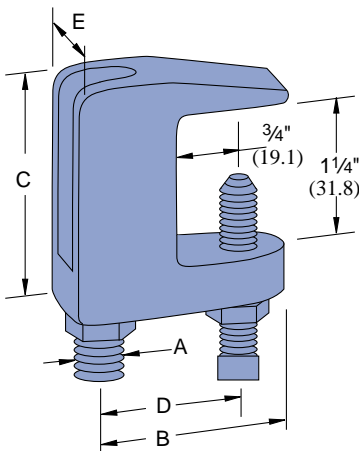


- Maximum temperature of 450° F
- At least one full thread must be exposed

	A in	B in (mm)	C in (mm)	D in (mm)	E in (mm)	F in (mm)	G in (mm)	Max Load Lbs (kg)	Wt/100 pcs Lbs (kg)
P2899-37	3/8	1 25.4	1 1/2 38.1	1/2 12.7	1 25.4	3/4 19.1	7/8 22.2	400 181.8	33 15.0
P2899-50	1/2	1 25.4	1 1/2 38.1	1/2 12.7	1 25.4	3/4 19.1	7/8 22.2	500 227.3	33 15.0
P2899-62	5/8	1 1/2 38.1	1 1/2 38.1	1/2 12.7	1 25.4	3/4 19.1	1 25.4	600 272.7	22 10.0
P2899-75	3/4	1 7/8 47.6	1 3/4 44.5	5/8 15.9	1 1/8 34.9	1 25.4	1 1/4 31.8	800 363.6	88 40.0
P2899-87	7/8	2 50.8	1 3/4 44.5	5/8 15.9	1 1/2 38.1	1 25.4	1 1/4 31.8	1,200 545.5	79 35.9

P2899

WIDE THROAT TOP BEAM CLAMP



- Maximum temperature of 450° F

	Rod Size					Max. Load	Wt/100 pcs
	A in	B in (mm)	C in (mm)	D in (mm)	E in (mm)	Lbs (kg)	Lbs (kg)
P2899-37	3/8	1 5/8 41.3	2 50.8	1 25.4	7/8 22.2	500 227.3	28 12.7
P2899-50	1/2	1 5/8 41.3	2 50.8	1 25.4	7/8 22.2	500 227.3	28 12.7
P2899-62	5/8	1 3/4 44.5	2 1/4 57.2	1 1/4 31.8	1 25.4	600 272.7	66 30.0
P2899-75	3/4	1 7/8 47.6	2 3/8 60.3	1 3/8 34.9	1 1/4 31.8	800 363.6	83 37.7

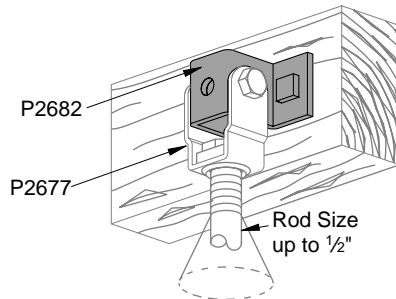
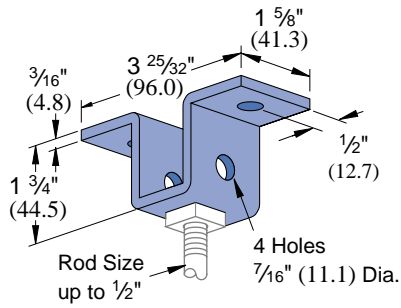
Note

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



P2682

Wt/100 pcs: 55 Lbs (24.9 kg)

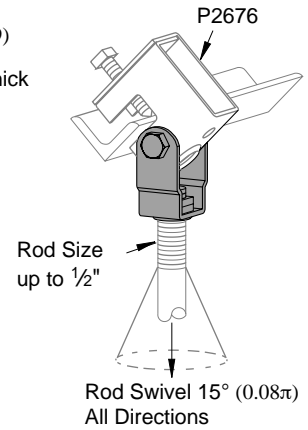
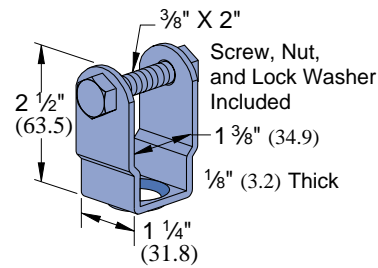


Hanger clevis for up to 1/2" (12.7) rod suspension from wood ceilings. May also be used with P2677 as illustrated in application drawings.

Rod Swivel 15° (0.08π) All Directions

P2677

Wt/100 pcs: 30 Lbs (13.6 kg)

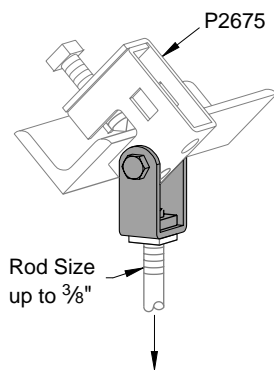
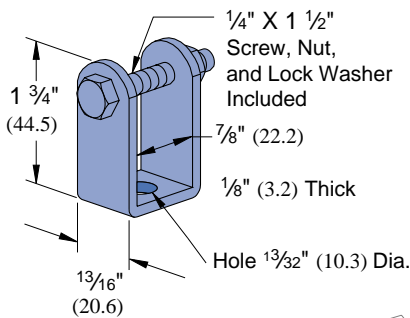


Clevis hanger to be used with P2676 or P2682 to provide angle adjustment and 15° (0.08 π) free swing for up to 1/2" (12.7) rod suspension. Order swivel nuts P2679-4, -6, or -8 as required.

Design Load
500 Lbs (226.8 kg)

P2674

Wt/100 pcs: 17 Lbs (7.7 kg)

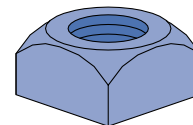


Clevis hanger to be used with P2675 to provide angle adjustment for up to 3/8" rod suspension as illustrated.

Design Load
250 Lbs (113.4 kg)

P2679-4, -6 & -8

SWIVEL NUT

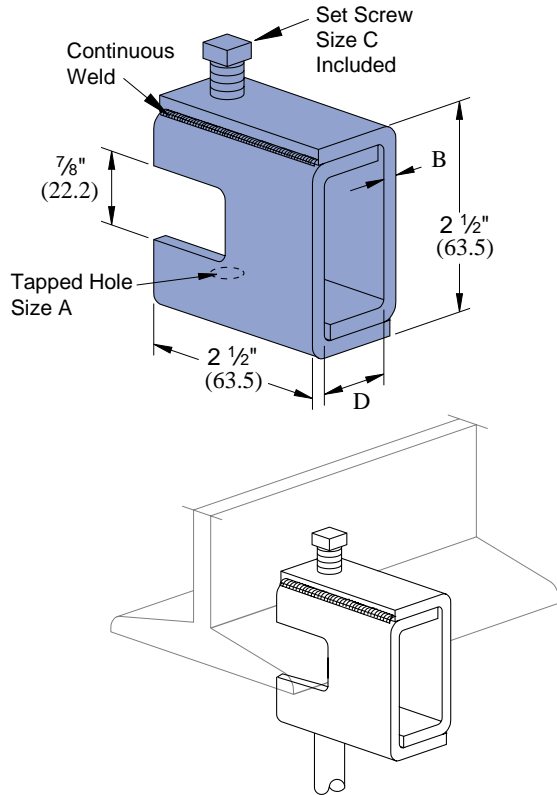


- Use with P2676 and P2677.
- Order size as required.

Part Number	Thread Size	Wt/100 pcs Lbs (kg)
P2679-4	1/4"-20	4 1.8
P2679-6	3/8"-16	5 2.3
P2679-8	1/2"-13	6 2.7

15/16" Channel
 Telesruct System
 Hardware
 General Fittings
 Pipe/Conduit Supports
 Electrical Fittings
 Concrete Inserts
 1 1/4" Framing System
 1 3/16" Framing System
 Fiberglass System
 Special Metals
 PrimeAngle System
 Product Index

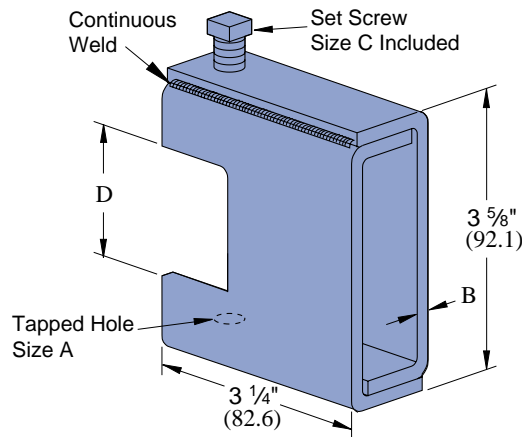
P1648S thru P1653S



Part Number	"A" In	"B" In (mm)	"C" In	"D" In (mm)	Wt/100 pcs Lbs (kg)	Design Load Lbs (kg)
P1648S	1/4 -20	1/8 3.2	3/8 x 1 1/2	7/8 22.2	67 30.4	650 294.8
P1649S	5/16 -18	1/8 3.2	3/8 x 1 1/2	7/8 22.2	67 30.4	650 294.8
P1649AS	3/8 -16	1/8 3.2	3/8 x 1 1/2	7/8 22.2	67 30.4	650 294.8
P1650S	3/8 -16	3/16 4.8	1/2 x 1 1/2	15/16 23.8	100 45.4	1,100 499.0
P1650AS	1/2 -13	3/16 4.8	1/2 x 1 1/2	15/16 23.8	100 45.4	1,100 499.0
P1651S	1/2 -13	1/4 6.4	1/2 x 1 1/2	15/16 23.8	130 59.0	1,600 725.7
P1651AS	5/8 -11	1/4 6.4	1/2 x 1 1/2	15/16 23.8	130 59.0	1,600 725.7
P1652S	5/8 -11	5/16 7.9	5/8 x 1 1/2	15/16 33.3	160 72.6	2,400 1,088.6
P1653S	3/4 -10	5/16 7.9	5/8 x 1 1/2	15/16 33.3	160 72.6	2,400 1,088.6

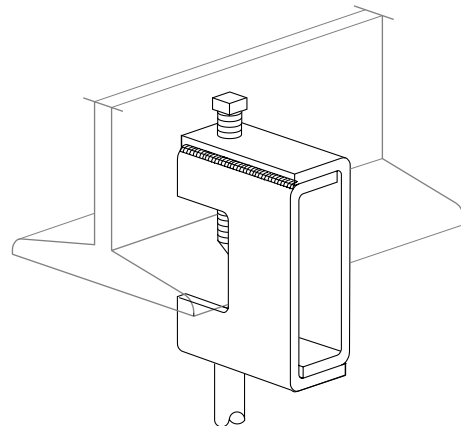
For beams under 7/8" (22.2) thick flange.

P2398S, P2401S, P2403S



Part Number	"A" In	"B" In (mm)	"C" In	"D" In (mm)	Wt/100 pcs Lbs (kg)	Design Load Lbs (kg)
P2398S	1/4 -20	1/8 3.2	3/8 x 2	1 21/32 42.1	109 49.4	800 362.9
P2401S	3/8 -16	3/16 4.8	1/2 x 2	1 11/16 42.9	156 70.8	1,300 589.7
P2403S	1/2 -13	1/4 6.4	1/2 x 2	1 11/16 42.9	201 91.2	1,900 861.8

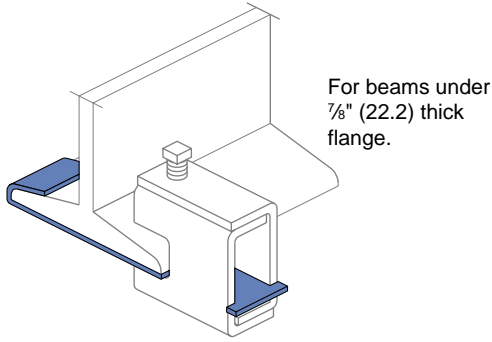
For beams between 3/4" (19.1) to 1 1/8" (41.3) thick flanges.



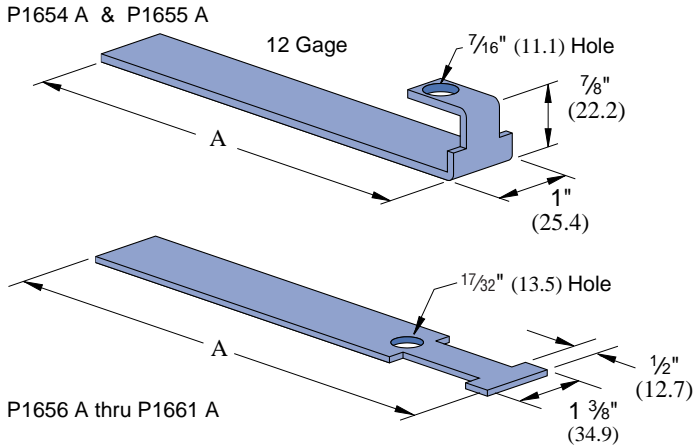


P1654A thru P1661A

Retainer Strap



Strap Part Number	Flange Width In (mm)	"A" In (mm)	Wt/100 pcs Lbs (kg)	Beam Clamp Used With
P1654 A	6 152.4	7 177.8	25 11.3	P2675
P1655 A	9 228.6	10 254.0	34 15.4	P2675
P1656 A	6 152.4	9 228.6	35 15.9	P1648 S Thru
P1657 A	9 228.6	12 304.8	47 21.3	P1651 AS, and
P1658 A	12 304.8	15 381.0	59 26.8	P2398 S Series
P1659 A	6 152.4	9 228.6	33 15.0	P2676
P1660 A	9 228.6	12 304.8	45 20.4	P2676
P1661 A	12 304.8	15 381.0	57 25.9	P2676

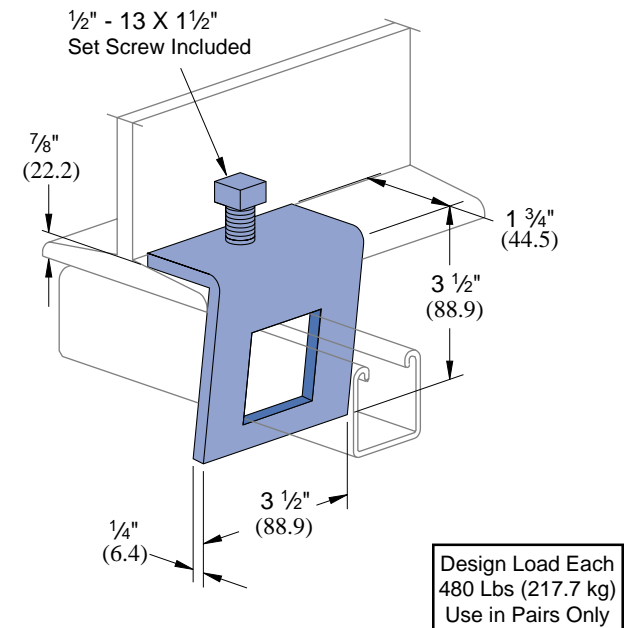
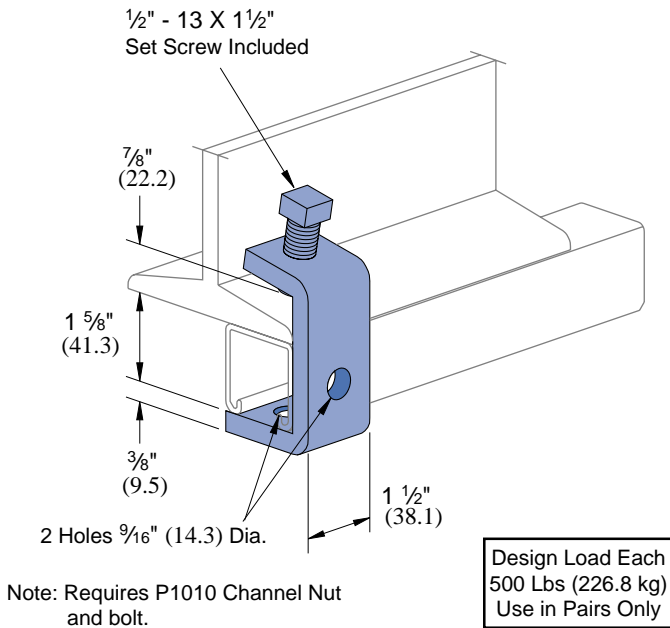


P1271S

Wt/100 pcs: 95 Lbs (43.1 kg)

P1796S

Wt/100 pcs: 91 Lbs (41.3 kg)



Note: Requires P1010 Channel Nut and bolt.

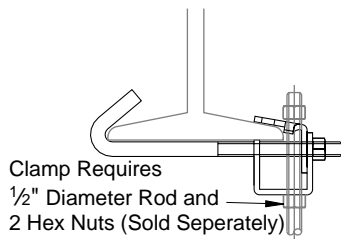
Design Load Each 500 Lbs (226.8 kg) Use in Pairs Only

Design Load Each 480 Lbs (217.7 kg) Use in Pairs Only

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

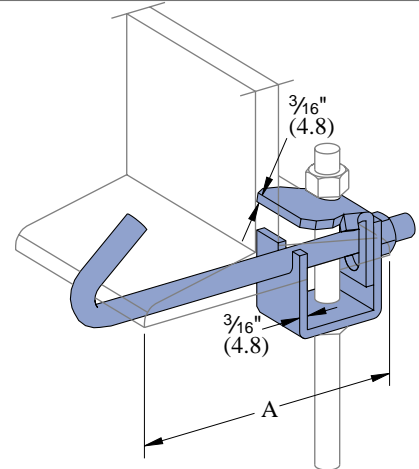
15/8" Channel
 Telestrut System
 Hardware
 General Fittings
 Pipe/Conduit Supports
 Electrical Fittings
 Concrete Inserts
 1 1/4" Framing System
 1 1/2" Framing System
 1 3/16" Framing System
 Fiberglass System
 Special Metals
 PrimeAngle System
 Product Index

P2824-6,-9,-12



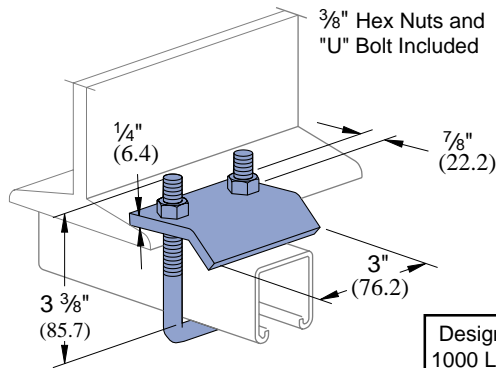
Clamp Requires
1/2" Diameter Rod and
2 Hex Nuts (Sold Separately)

Part Number	"A" In (mm)	Wt/100 pcs Lbs (kg)	Design Load Lbs (kg)
P2824-6	2½ - 6 63.5 - 152.4	125 56.7	500 226.8
P2824-9	5½ - 9 139.7 - 228.6	140 63.5	500 226.8
P2824-12	8½ - 12 215.9 - 304.8	171 77.6	500 226.8



P2785

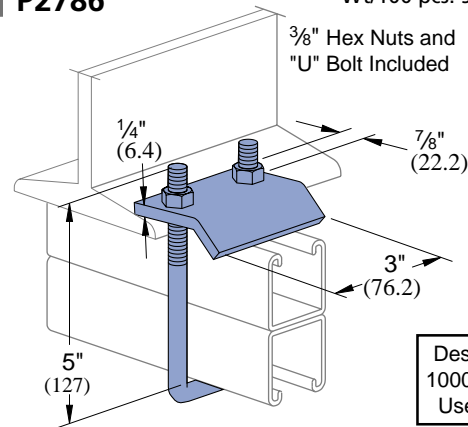
Wt/100 pcs: 83 Lbs (37.6 kg)



Design Load Each
1000 Lbs (453.6 kg)
Use in Pairs Only

P2786

Wt/100 pcs: 92 Lbs (41.7 kg)



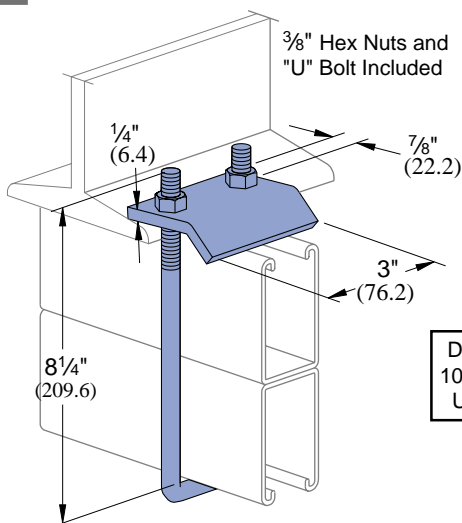
Design Load Each
1000 Lbs (453.6 kg)
Use in Pairs Only

- For use with Beams up to ¾" (19.1) Flanges and with Channels P1000, P1100, P2000, P3000, P3300, P3301, P4000, P4001, P4100, and P4101.

- For use with Beams up to ¾" (19.1) Flanges and with Channels P1001, P1101, P2001, P3001, P5000, and P5500.

P2787

Wt/100 pcs: 112 Lbs (50.8 kg)

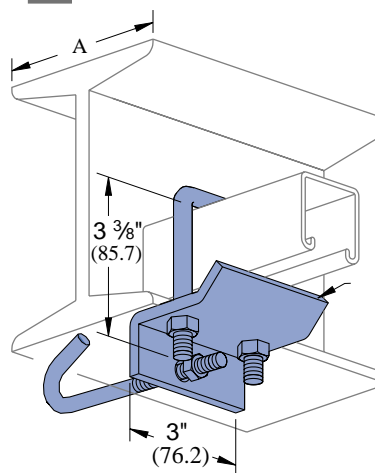


Design Load Each
1000 Lbs (453.6 kg)
Use in Pairs Only

- For use with Beams up to ¾" (19.1) Flanges and with Channels P5001 and P5501.

P2867

Wt/100 pcs: 134 Lbs (60.8 kg)



Part Number	Beam Size "A"	Wt/100 pcs Lbs (kg)
P2867	6"	134 61.0
P2867-9	9"	139 79.8
P2867-12	12"	145 65.9

- Includes: "J" Bolt, "U" Bolt and Hex Nuts.
- For use with Channels P1000, P1100, P2000, P3000, P3300, P3301, P4000, P4001, P4100, and P4101.

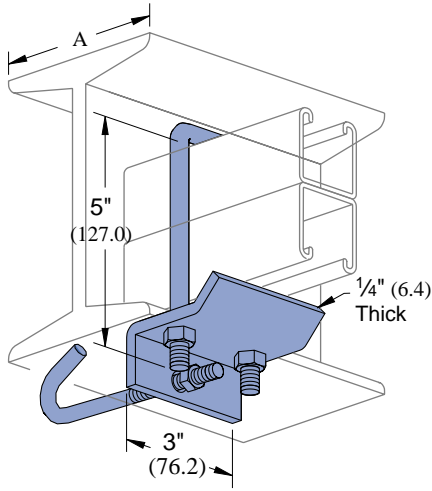
Note

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



P2867A

Wt/100 pcs: 143 Lbs (64.9 kg)

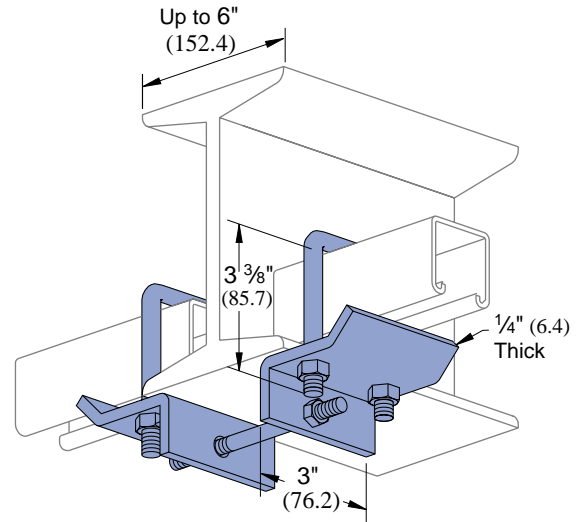


- Includes: "J" Bolt, "U" Bolt and Hex Nuts.
- For use with Channel P1001, P1101, P2001, P3001, P5000, and P5500.

Part Number	Beam Size "A"	Wt/100 pcs Lbs (kg)
P2867A	6"	143 65.0
P2867A-9	9"	148 79.8
P2867A-12	12"	152 69.1

P2868

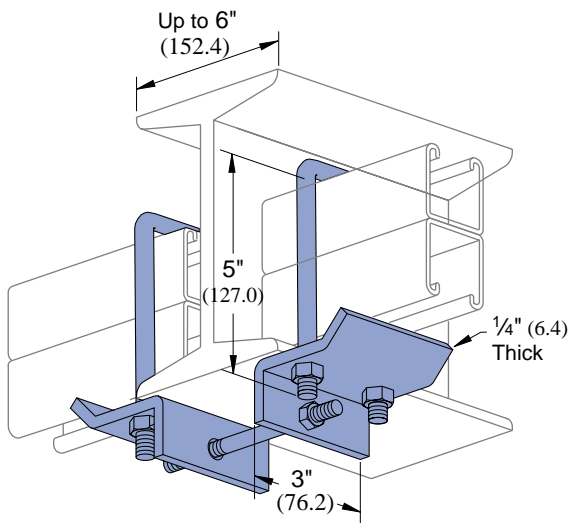
Wt/100 pcs: 280 Lbs (127.0 kg)



- Includes: Center Rod, "U" Bolts and Hex Nuts.
- For use with Channels P1000, P1100, P2000, P3000, P3300, P3301, P4000, P4001, P4100, and P4101.

P2868A

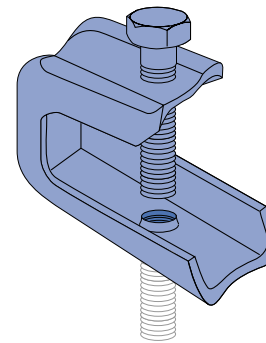
Wt/100 pcs: 298 Lbs (135.2 kg)



- Includes: Center Rod, "U" Bolts and Hex Nuts.
- For use with Channels P1001, P1101, P2001, P3001, P5000, and P5500.

P2893

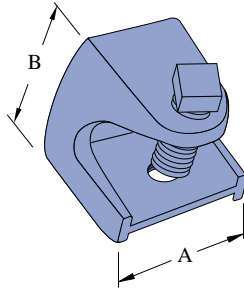
Wt/100 pcs: 14 lbs. (6.4 kg)



Material: Steel
Use With: 1/4" rod
Load Rating: 75 lbs.

15/8" Channel
 Telestrut System
 Hardware
 General Fittings
 Pipe/Conduit Supports
 Electrical Fittings
 Concrete Inserts
 1 1/4" Framing System
 1 3/16" Framing System
 Fiberglass System
 Special Metals
 PrimeAngle System
 Product Index

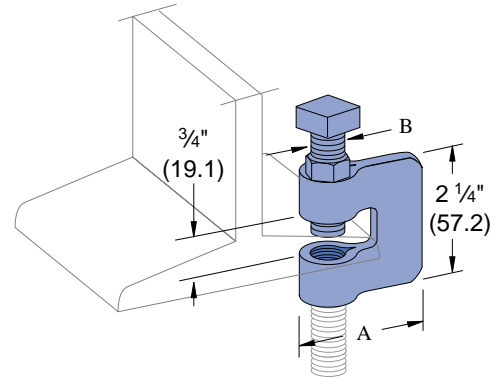
P2894



Part Number	Rod Size In	"A" In (mm)	"B" In (mm)	Load Ratings Lbs (kg)	Wt/100 pcs Lbs (kg)
P2894-25	1/4	1 1/8 28.6	1 1/4 31.8	150 68.0	23 10.4
P2894-37	3/8	2 50.8	2 50.8	350 158.8	95 43.1
P2894-50	1/2	2 5/8 66.7	2 1/2 63.5	400 181.4	195 88.5

Material: Malleable Iron
 7/8" Maximum Flange Thickness

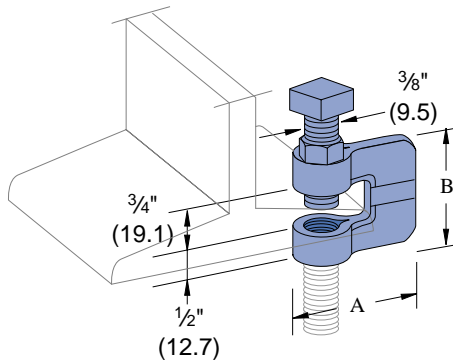
P2895



Part Number	Rod Size In	"A" In (mm)	"B" In (mm)	Load Ratings Lbs (kg)	Wt/100 pcs Lbs (kg)
P2895-37	3/8	2 5/16 58.7	3/8 9.5	330 149.7	35 15.9
P2895-50	1/2	2 1/4 57.2	1/2 12.7	380 172.4	41 18.6
P2895-62	5/8	2 3/8 60.3	5/8 15.9	450 204.1	67 30.4
P2895-75	3/4	2 1/4 57.2	1/2 12.7	500 226.8	72 32.7

Material: Steel
 NOTE: UL Listed for 3/8" rod.

P2896

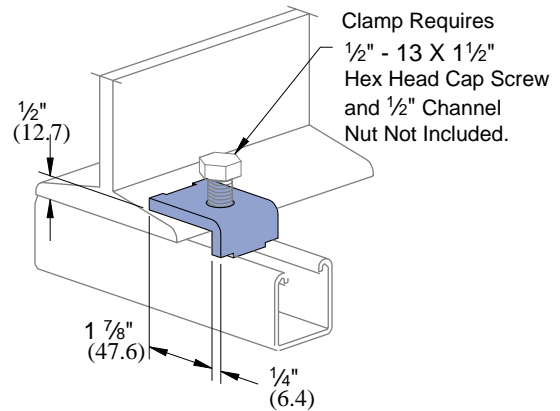


Part Number	Rod Size In	"A" In (mm)	"B" In (mm)	Load Ratings Lbs (kg)	Wt/100 pcs Lbs (kg)
P2896-37	3/8	1 11/16 42.9	1 3/4 44.5	400 181.4	38 17.2
P2896-50	1/2	1 23/32 43.7	1 3/4 44.5	400 181.4	52 23.6
P2896-62	5/8	1 15/16 49.2	2 50.8	450 204.1	68 30.8
P2896-75	3/4	2 1/32 51.6	2 50.8	600 272.2	128 58.1

Material: Malleable Iron, Steel Set Screw
 NOTE: UL Listed for 3/8" rod.

P1386

Wt/100 pcs: 27 Lbs (12.2 kg)

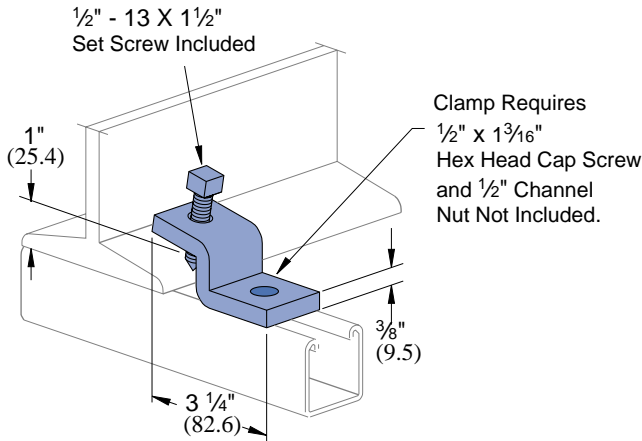


Channel Style	Design Load Each (Use in Pairs Only) Lbs (kg)
P1000	600 272.2
P1100	500 226.8
P2000	450 204.1



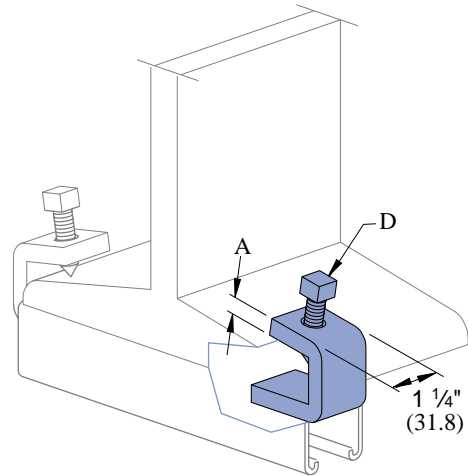
P1379S

Wt/100 pcs: 75 Lbs (34.0kg)



Channel Style	Design Load Each (Use in Pairs Only) Lbs (kg)
P1000	600 272.2
P1100	500 226.8
P2000	450

P1272S, P1985S, P1986S

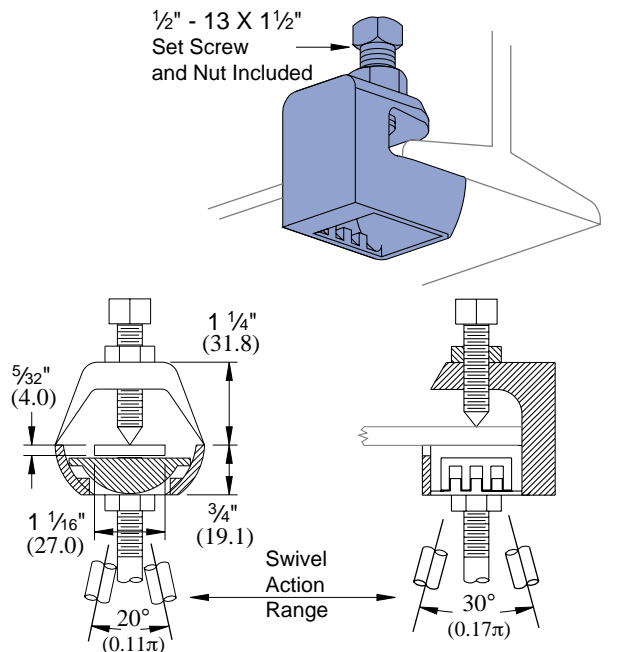


Part Number	"A" In (mm)	Flange Thickness In (mm)	"D" Set Screw Included	Wt/100 pcs Lbs (kg)	Design Load Per Pair (Use in Pairs Only) Lbs (kg)
P1272S	1/4 6.4	Up to 3/4 Up to 19.1	3/8-16 x 1 1/2	39 17.7	450 204.1
P1985S	3/8 9.5	Up to 3/4 Up to 19.1	1/2-13 x 1 1/2	62 28.1	1,000 453.6
P1986S	3/8 9.5	7/8 to 2 22.2 - 50.8	1/2-13 x 1 1/2	74 33.6	900 408.2

M29

Swivel Beam Clamp

Wt/100 pcs: 83 Lbs (37.6 kg)



- For use with M2708 series swivel nut.
- It fits flanges up to 0.8" (20.3) thickness.
- For 3/4" (19.1) to 8" (203.2) pipe sizes.
- Supports 3/8", 1/2", 5/8", 3/4", 7/8" hanger rods.
- Material: Malleable Iron.

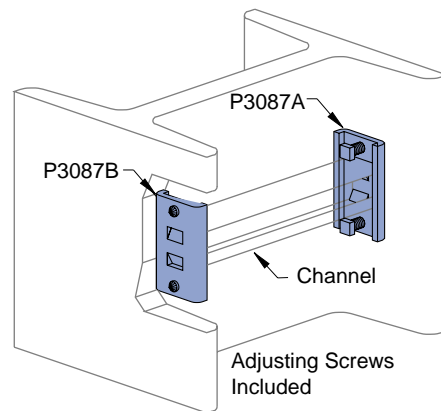
Patent No. 2953874.

Design Load
750 Lbs (340.2 kg)

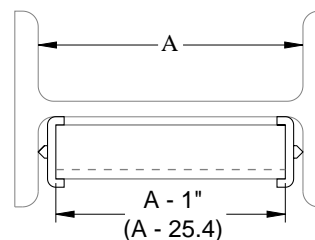
P3087

Column Insert

Wt/100 pcs: 136 Lbs (61.7 kg)



- Adjusting Screws Included.
- Unistrut channel not included.
- Part number P3087 consists of: (1) piece P3087A, (1) piece P3087B and (2) set screws



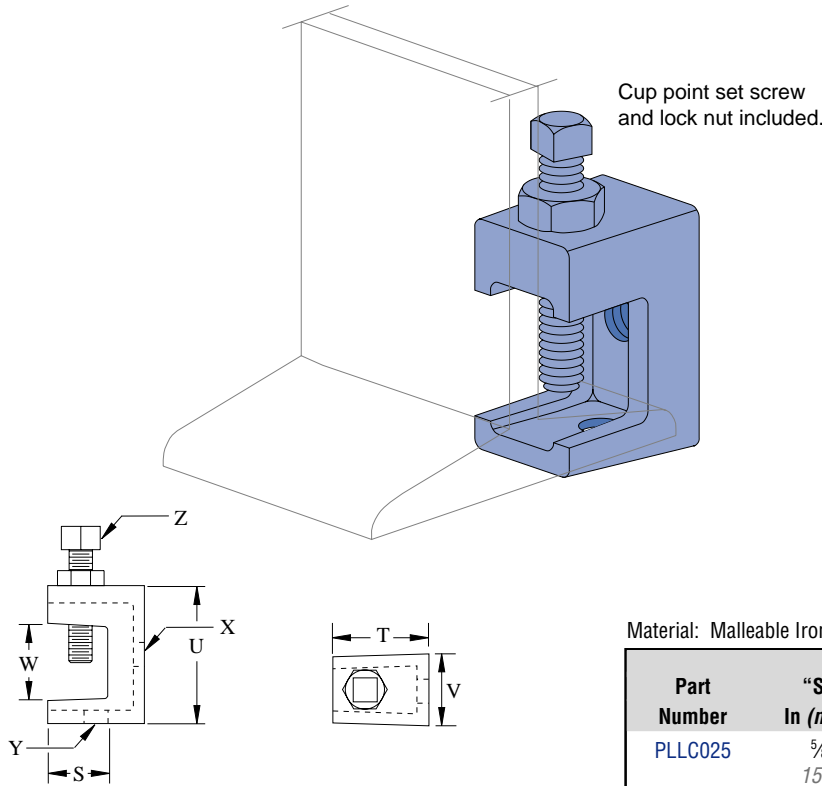
Channel Part Number	Design Pull Out Load Lbs (kg)	Design Slip Load Lbs (kg)
P1000	1,000 453.6	800 362.9
P1100	700 317.5	500 226.8
P2000	500 226.8	300 136.1

Safety factor of 3.

15/8" Channel
 Telesruct System
 Hardware
 General Fittings
 Pipe/Conduit Supports
 Electrical Fittings
 Concrete Inserts
 1 1/4" Framing System
 1 1/4" Framing System
 1 3/16" Framing System
 Fiberglass System
 Special Metals
 PrimeAngle System
 Product Index

PLLC025

Flange Clamp



X, Y are threaded holes.

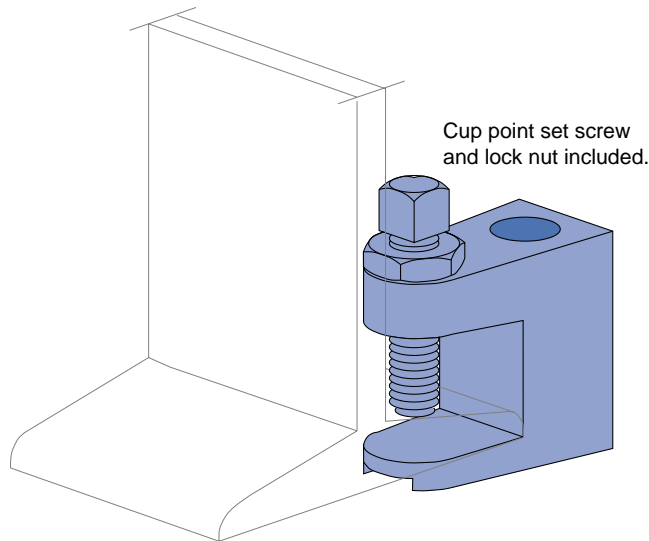
Part Number	Rod Size	"Z" Set Screw Size	Wt/100 pcs Lbs (kg)
PLLC025	1/4"	1/4"	16 7.3


Material: Malleable Iron.

Part Number	Dimensions				
	"S" In (mm)	"T" In (mm)	"U" In (mm)	"V", "W" In (mm)	"X", "Y" In
PLLC025	5/8 15.9	1 25.4	1 1/16 36.5	3/4 19.1	1/4 X 20

PFL037 thru PFL050T

Flange Clamp

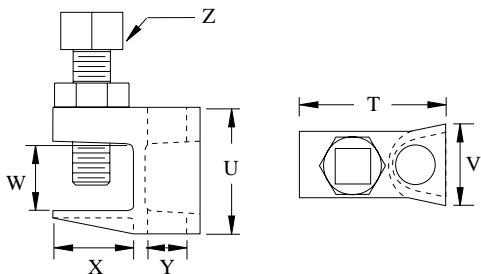


 (When used for sprinkler systems only.)

Safety Factor: 5

Part Number	Rod Size	"Z" Set Screw Size	Wt/100 pcs Lbs (kg)	Max. Allowable Load Lbs (kg)
PFL037	3/8"	3/8"	28 12.7	550 249.5
PFL037T	3/8"	3/8"	28 12.7	550 249.5
PFL050	1/2"	3/8"	40 18.1	700 317.5
PFL050T	1/2"	3/8"	40 18.1	700 317.5

Material: Malleable Iron.

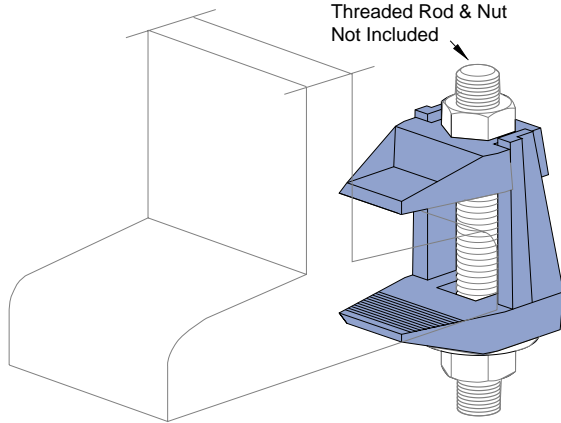



Part Number	Dimensions					
	"T" In (mm)	"U" In (mm)	"V" In (mm)	"W" In (mm)	"X" In (mm)	"Y" In (mm)
PFL037	1 11/16 42.9	1 9/16 39.7	7/8 22.2	3/4 19.1	1 25.4	7/16 11.1
PFL037T	1 11/16 42.9	1 9/16 39.7	7/8 22.2	3/4 19.1	1 25.4	3/8 Tapped Hole
PFL050	2 50.8	1 23/32 43.7	1 25.4	29/32 23.0	1 3/32 27.8	17/32 13.5
PFL050T	2 50.8	1 23/32 43.7	1 25.4	29/32 23.0	1 3/32 27.8	1/2 Tapped Hole



PLF3037 thru PLF3075

Flange Clamp

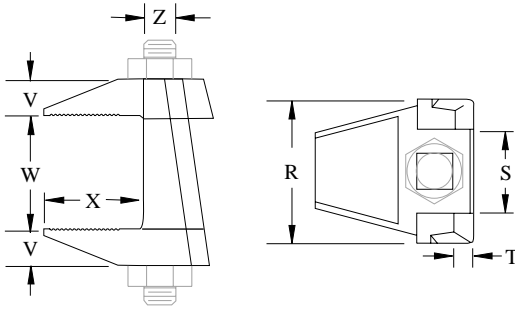


 (When used for sprinkler systems only.)

Safety Factor: 4

Part Number	Rod Size	Wt/100 pcs Lbs (kg)	Max. Allowable Load Lbs (kg)
PLF3037	3/8"	53 24.0	270 122.5
PLF3050	1/2"	91 41.3	450 204.1
PLF3062	5/8"	186 84.4	900 408.2
PLF3075	3/4"	334 151.5	1,350 612.3

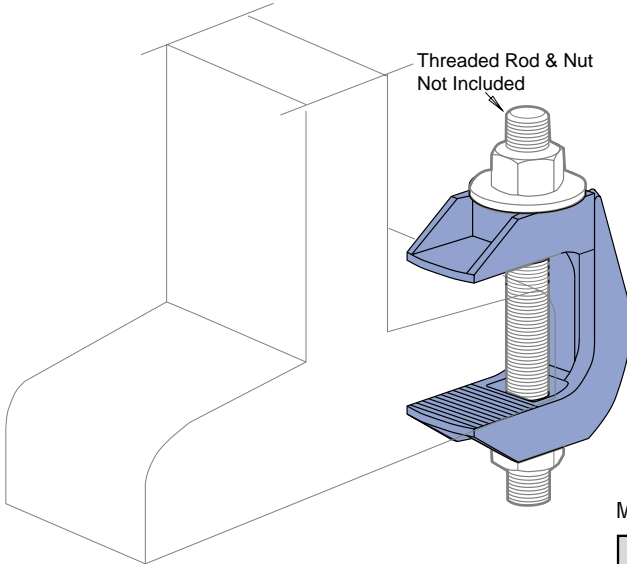
Material: Malleable Iron



Part Number	Dimensions					
	"X" In (mm)	"W" In (mm)	"V" In (mm)	"T" In (mm)	"R" In (mm)	"S" In (mm)
PLF3037	1 25.4	0 - 1 1/16 0 - 30.2	3/8 9.5	3/32 7.1	1 1/2 38.1	7/8 22.2
PLF3050	1 3/8 34.9	0 - 1 9/16 0 - 39.7	1/2 12.7	1 1/32 8.7	1 15/16 49.2	1 5/32 29.4
PLF3062	1 13/16 46.0	0 - 2 3/16 0 - 55.6	5/8 15.9	1/2 12.7	2 11/32 59.5	1 7/16 36.5
PLF3075	2 3/16 55.6	0 - 1 3/4 0 - 44.5	3/4 19.1	5/8 15.9	3 76.2	1 3/4 44.5

PLF9037 thru PLF9100

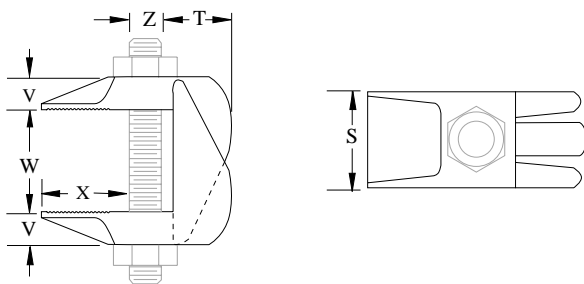
Flange Clamp



Safety Factor: 5

Part Number	Rod Size	Wt/100 pcs Lbs (kg)	Max. Allowable Load Lbs (kg)
PLF9037	3/8"	55 24.9	440 199.6
PLF9050	1/2"	122 55.3	630 285.8
PLF9062	5/8"	200 90.7	1,260 571.5
PLF9075	3/4"	367 166.5	1,880 852.8
PLF9100	1"	1,101 499.4	3,150 1428.8

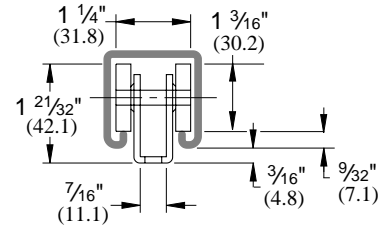
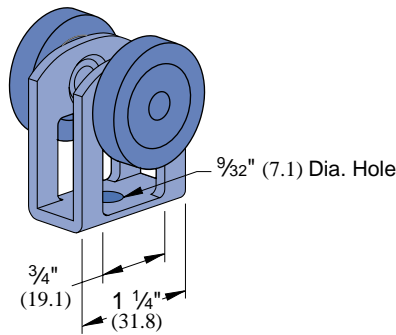
Material: Malleable Iron



Part Number	Dimensions				
	"X" In (mm)	"W" In (mm)	"V" In (mm)	"T" In (mm)	"S" In (mm)
PLF9037	1 25.4	3/4 - 1 1/16 19.1 - 42.9	1/2 12.7	3/4 19.1	1 25.4
PLF9050	1 3/8 34.9	1 - 2 3/8 25.4 - 60.3	2 1/32 16.7	1 5/16 23.8	1 3/16 30.2
PLF9062	1 11/16 42.9	1 1/8 - 2 3/4 28.6 - 69.9	1 3/16 20.6	1 1/8 28.6	1 3/8 34.9
PLF9075	2 50.8	1 1/4 - 3 1/4 31.8 - 182.6	1 25.4	1 3/8 34.9	1 3/4 44.5
PLF9100	3 76.2	1 3/4 - 3 3/4 44.5 - 95.3	1 1/2 38.1	2 3/16 55.6	2 1/2 63.5

1 5/8" Channel
 Telesruct System
 Hardware
 General Fittings
 Pipe/Conduit Supports
 Electrical Fittings
 Concrete Inserts
 1 1/4" Framing System
 1 3/16" Framing System
 Fiberglass System
 Special Metals
 PrimeAngle System
 Product Index

P2749*, P2749N†



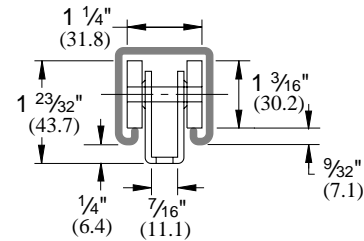
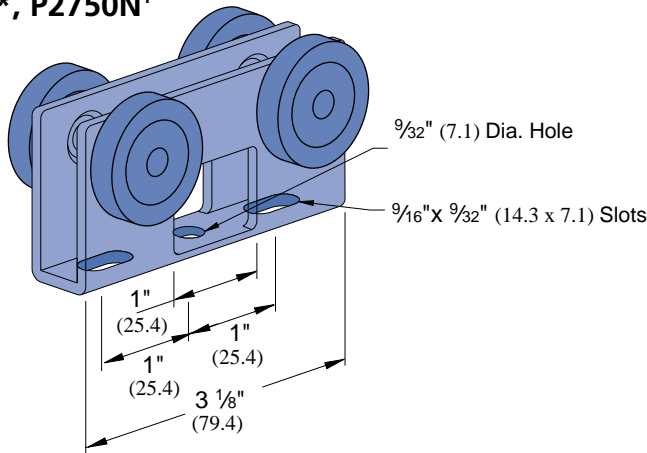
Part Number	Design Load	
	Lbs (kg)	Wt/100 pcs Lbs (kg)
P2749	50 22.7	21 9.5
P2749N	10 4.5	13 5.9

Clevis Material: 12 gauge.

*Wheel bearings are stainless steel, and should not be lubricated.

† "N" indicates acetal wheels.

P2750*, P2750N†



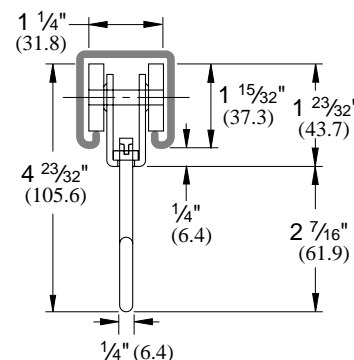
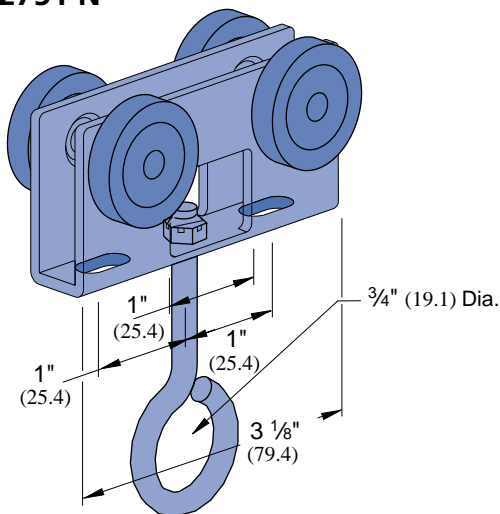
Part Number	Design Load	
	Lbs (kg)	Wt/100 pcs Lbs (kg)
P2750	100 45.4	55 24.9
P2750N	20 9.1	32 14.5

Clevis Material: 12 gauge.

*Wheel bearings are stainless steel, and should not be lubricated.

† "N" indicates acetal wheels.

P2751*, P2751 N†



Part Number	Design Load	
	Lbs (kg)	Wt/100 pcs Lbs (kg)
P2751	100 45.4	63 28.6
P2751N	20 9.1	40 18.1

Clevis Material: 12 gauge.

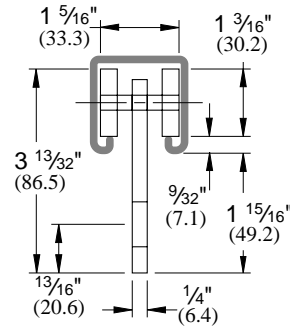
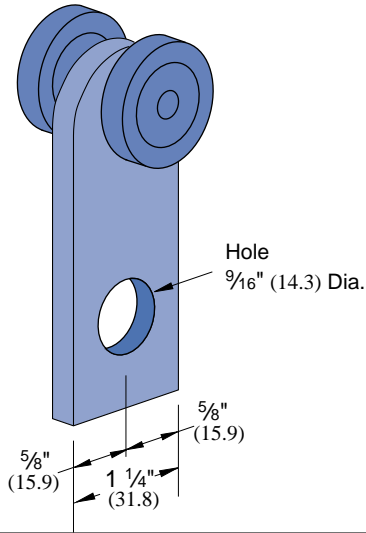
*Wheel bearings are stainless steel, and should not be lubricated.

† "N" indicates acetal wheels.



P2949

Wt/100 pcs: 46 Lbs (20.9 kg)

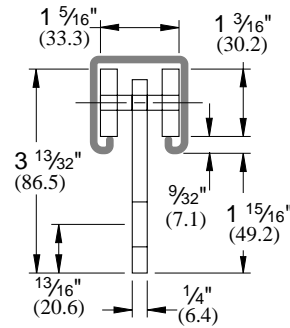
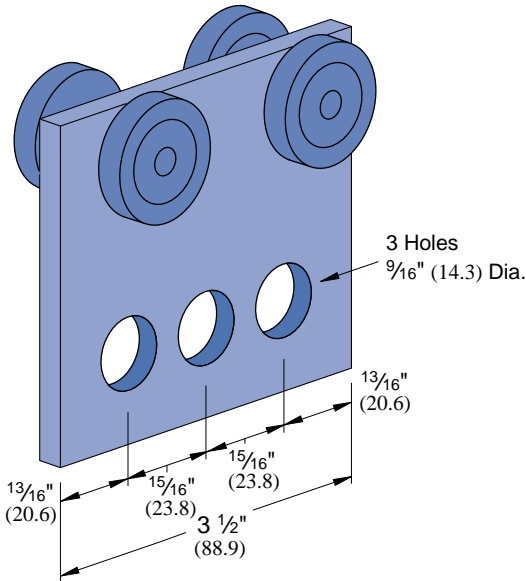


Design Load In P1000	
RPM	Lbs (kg)
600	150 <i>68.0</i>
300	225 <i>102.1</i>
100	437 <i>198.2</i>

Wheel bearings are stainless steel.
Do not lubricate.

P2950

Wt/100 pcs: 110 Lbs (49.9 kg)

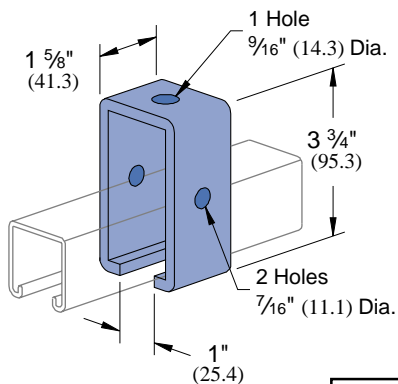


Design Load In P1000	
RPM	Lbs (kg)
600	300 <i>136.1</i>
300	450 <i>204.1</i>
100	600 <i>272.2</i>

Wheel bearings are stainless steel.
Do not lubricate.

P1834 Channel Trolley Support

Wt/100 pcs: 102 Lbs (46.3 kg)

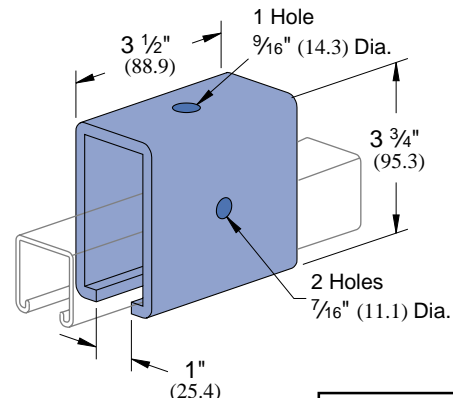


Requires 3/8" x 2 1/2" Bolt and 3/8" Nut (not included)

Design Load 1200 Lbs (544.3 kg)

P1834A Channel Trolley Support

Wt/100 pcs: 220 Lbs (99.8 kg)



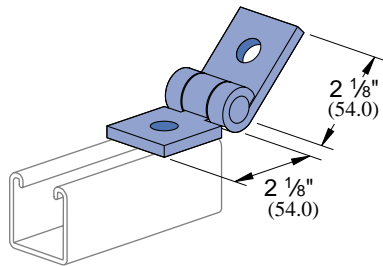
Requires 3/8" x 2 1/2" Bolt and 3/8" Nut (not included)

Design Load 2500 Lbs (1,134.0 kg)

15/8" Channel
 Telestrut System
 Nuts & Hardware
 General Fittings
 Pipe/Conduit Supports
 Electrical Fittings
 Concrete Inserts
 1 1/4" Framing System
 1 3/16" Framing System
 Fiberglass System
 Special Metals
 PrimeAngle System
 Product Index

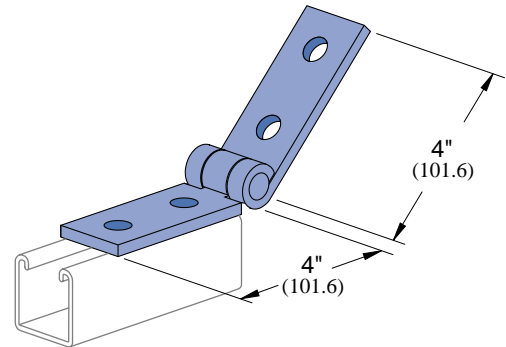
P1843 Adjustable Hinge Connection

Wt/100 pcs: 68 Lbs (30.8 kg)



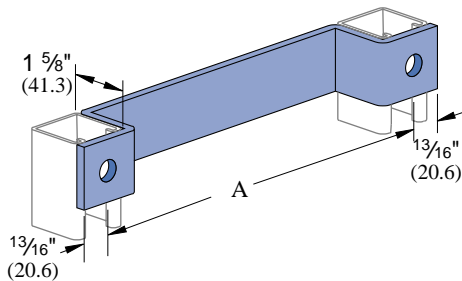
P1354 Adjustable Hinge Connection

Wt/100 pcs: 109 Lbs (49.4 kg)



P1201, P1202, P1203

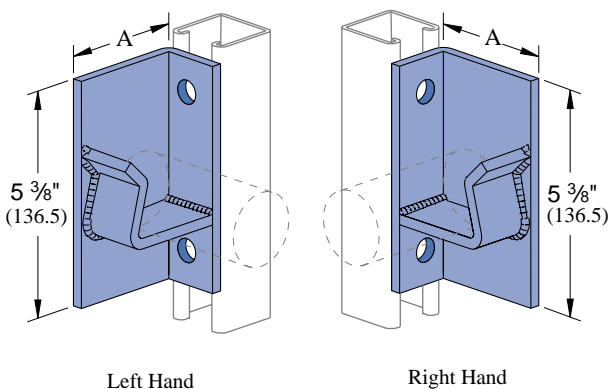
Ladder Rung



Part Number	"A" In (mm)	Wt/100 pcs Lbs (kg)
P1201	12 304.8	186 84.4
P1202	15 381.0	221 100.2
P1203	18 457.2	254 115.2

P2354 R-L, P2355 R-L

Reel Rack Supports for 1 1/4" and 2" Pipe



Part Number	"A" In (mm)	Std. Pipe Size In (mm)	Wt/100 pcs Lbs (kg)
P2354 R-L	3 76.2	1 1/4 31.8	220 99.8
P2355 R-L	3 3/8 92.1	2 50.8	252 114.3

Part No.	Vertical Channel Gauge	Max. Allowable Load Lbs (kg)
P1000	12	3,000 1360.8
P1100	14	2,000 907.2
P2000	16	2,000 907.2

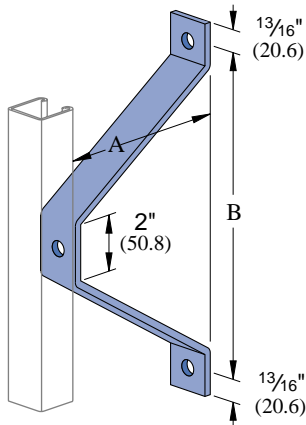
Standard Dimensions for 1 1/2" (41 mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/16" (14.3mm); Hole Spacing - From End: 13/16" (20.6 mm); Hole Spacing - On Center: 1 7/8" (47.6 mm); Width: 1 5/8" (41mm); Thickness: 1/4" (6.4mm)



P1204 thru P1208

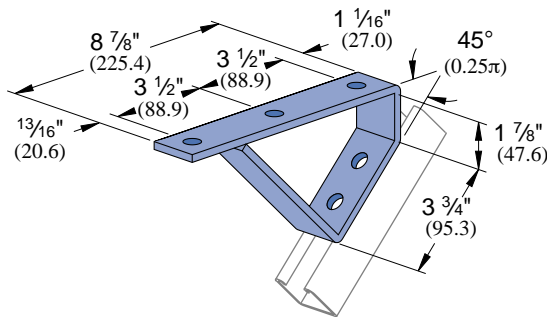
Wall Ladder Bracket



Part Number	"A" In (mm)	"B" In (mm)	Wt/100 pcs Lbs (kg)
P1204	2 3/8 60.3	6 152.4	113 51.3
P1205	4 3/8 111.1	8 203.2	164 74.4
P1206	6 3/8 161.9	10 254.0	216 98.0
P1207	8 3/8 212.7	12 304.8	267 121.1
P1208	10 3/8 263.5	14 355.6	318 144.2

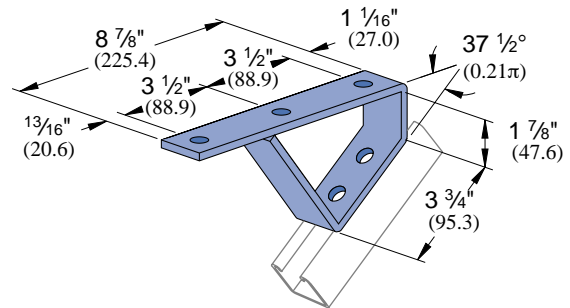
P1944 45° (.25π) Stair Tread Support

Wt/100 pcs: 220 Lbs (99.8 kg)

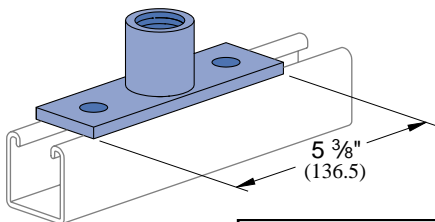


P2655 37 1/2° (.21π) Stair Tread Support

Wt/100 pcs: 213 Lbs (96.6 kg)



P2470-50, -75, -100 Pipe Coupling Fitting

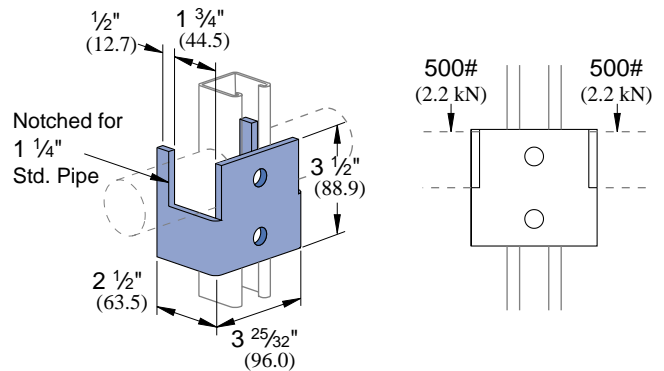


Part Number	Pipe Coupling Size In	Wt/100 pcs Lbs (kg)
P2470-50	1/2	77 34.9
P2470-75	3/4	93 42.2
P2470-100	1	103 46.7

P2454

Axle Support

Wt/100 pcs: 148 Lbs (67.1 kg)



For 1 1/4" (31.8) Standard Pipe

Standard Dimensions for 1 5/8" (41 mm) width series channel fittings (Unless Otherwise Shown on Drawing)

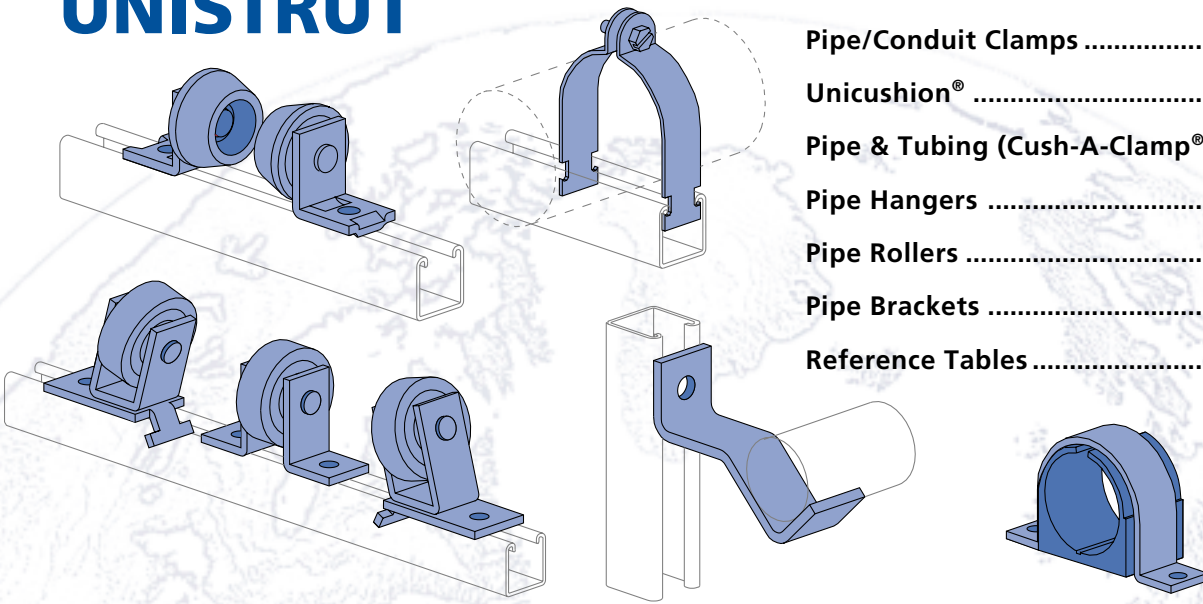
Hole Diameter: 9/16" (14.3mm); **Hole Spacing - From End:** 1 3/16" (20.6 mm); **Hole Spacing - On Center:** 1 7/8" (47.6 mm); **Width:** 1 5/8" (41mm); **Thickness:** 1/4" (6.4mm)

1 5/8" Channel
 Telestrut System
 Nuts & Hardware
 General Fittings
 Pipe/Conduit Supports
 Electrical Fittings
 Concrete Inserts
 1 1/4" Framing System
 1 3/16" Framing System
 Fiberglass System
 Special Metals
 PrimeAngle System
 Product Index



UNISTRUT®

PIPE/CONDUIT SUPPORTS



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Unicushion®	144
Pipe & Tubing (Cush-A-Clamp®) Clamps	146
Pipe Hangers	149
Pipe Rollers	150
Pipe Brackets	153
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MATERIAL

Unistrut pipe clamps, unless noted, are punch-press made from hot-rolled, pickled and oiled steel plates, strip or coil, and conform to ASTM specifications A1008, A575, A576, A635, or A36. The fitting steel also meets the physical requirements of ASTM A1011 SS GR 33. The pickling of the steel produces a smooth surface free from scale.

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

FINISHES

Pipe supports are available in:

- Electro-galvanized (EG), conforming to ASTM B633 Type III SC1
- Hot-dipped galvanized (HG), conforming to ASTM A123 or A153 (hardware)
- Perma-Green II (GR), and plain (PL).

APPLICATION

Unistrut pipe clamps, pipe hangers, brackets and rollers are designed for the support of electrical and mechanical services. Supports to meet nearly every requirement can be attained using Unistrut Metal Framing components.

DIMENSIONS

Imperial dimensions are illustrated in inches. Metric dimensions are shown in parenthesis or as noted. Unless noted, all metric dimensions are in millimeters and rounded to one decimal place.

DESIGN BOLT TORQUE

BOLT SIZE	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"
FOOT LBS.	6	11	19	50	100	125
N·m	8	15	25	70	135	170

Note: When tightening 1/4" screws used with a two piece pipe clamp, a torque of 5 foot pounds (60 inch-pounds) should be used.

DESIGN LOAD

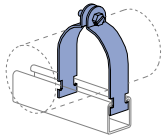
Design load data, where shown, is based on the ultimate strength of the connection with a safety factor of 5.0, unless otherwise noted.

Pipe Clamps In Special Materials (P1109, P1211, P1425, P2024 Series)

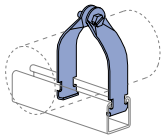
Material	Add Suffix to P/N	Example
Steel Strap, Everdur Hardware	E	P1109 E
Copper Coated Steel Strap & Hardware	CC	P1109 CC
Aluminum	AL	P1109 AL
Stainless Steel 304 or 316	SS or ST	P1109 SS
Plastic Coated Steel Straps	PC	P1109 PC



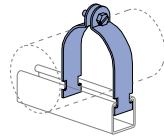
Pipe & Conduit Clamps



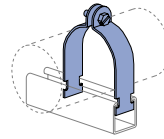
P1109 - Pg 139



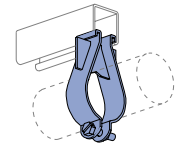
P1211 - Pg 141



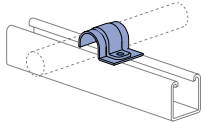
P1425 - Pg 139



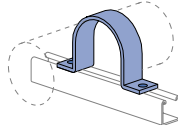
P2024 - Pg 140



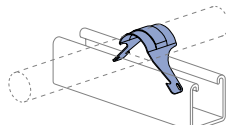
P1563 - Pg 141



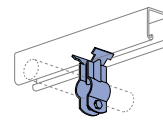
P2008 - Pg 141



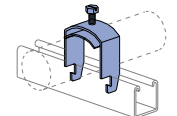
P2558 - Pg 142



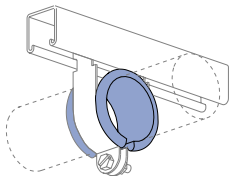
P2609 - Pg 142



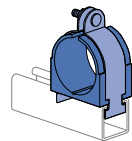
P3409 - Pg 143



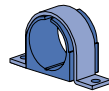
M5025 - Pg 143



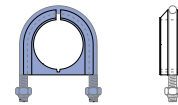
P2600 - Pg 144



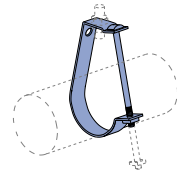
004T008 - Pg 146



004M007 - Pg 147

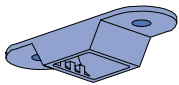


UB1/2PA - Pg 148

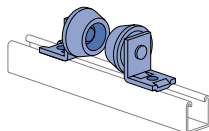


J1205 - Pg 149

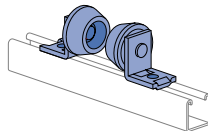
Pipe Rollers



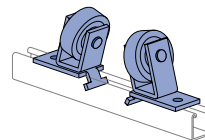
M30 - Pg 150



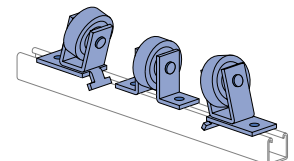
P2474 - Pg 150



P2474-1 - Pg 151

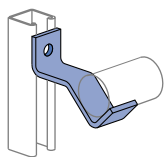


P2475 - Pg 152

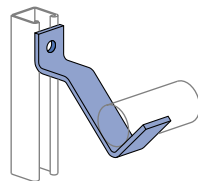


P2476 - Pg 152

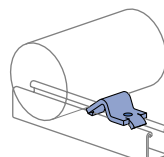
Pipe Brackets



P2481 - Pg 153



P2482 - Pg 153



P2243 - Pg 153

1 5/8" Channel

Telestrut System

Nuts & Hardware

General Fittings

Pipe/Conduit Supports

Electrical Fittings

Concrete Inserts

1 1/4" Framing System

1 3/16" Framing System

Fiberglass System

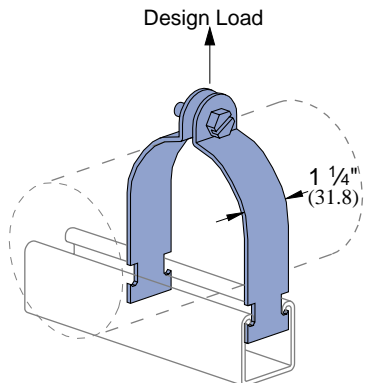
Special Metals

PrimeAngle System

Product Index

P1109 thru P1126

Pipe Clamps for Rigid Steel Conduit

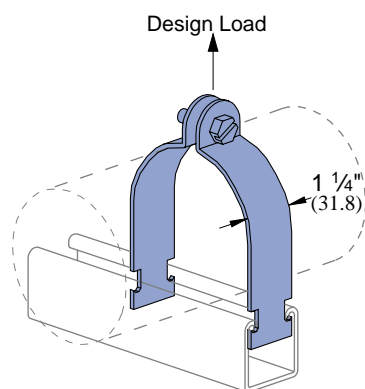


Slotted hex head screw and nut included.
Finish: Electro-galvanized.

Part Number	Pipe Size In	O.D. Size In (mm)	Thickness Gauge (mm)	Wt/100 pcs Lbs (kg)	Design Load Lbs (kg)
P1109	3/8	0.675 17.1	16 1.5	10 4.5	400 181
P1111	1/2	0.840 21.3	16 1.5	11 5.0	400 181
P1112	3/4	1.050 26.7	14 1.9	15 6.8	600 272
P1113	1	1.315 33.4	14 1.9	17 7.7	600 272
P1114	1 1/4	1.660 42.2	14 1.9	19 8.6	600 272
P1115	1 1/2	1.900 48.3	12 2.7	29 13.2	800 363
P1117	2	2.375 60.3	12 2.7	34 15.4	800 363
P1118	2 1/2	2.875 73.0	12 2.7	40 18.1	800 363
P1119	3	3.500 88.9	12 2.7	47 21.3	800 363
P1120	3 1/2	4.000 101.6	11 3.0	62 28.1	1,000 454
P1121	4	4.500 114.3	11 3.0	67 30.4	1,000 454
P1123	5	5.563 141.3	11 3.0	80 36.3	1,000 454
P1124	6	6.625 168.3	10 3.4	102 46.3	1,000 454
P1126	8	8.625 219.1	10 3.4	130 59.0	1,000 454

P1425 thru P1431

Pipe Clamps for Thin Wall Conduit (E.M.T.)



Slotted hex head screw and nut included.
Finish: Electro-galvanized.

Part Number	Pipe Size In	O.D. Size In (mm)	Thickness Gauge (mm)	Wt/100 pcs Lbs (kg)	Design Load Lbs (kg)
P1425	3/8	0.577 14.7	16 1.5	9 4.1	400 181
P1426	1/2	0.706 17.9	16 1.5	11 5.0	400 181
P1427	3/4	0.922 23.4	16 1.5	12 5.4	400 181
P1428	1	1.163 29.5	14 1.9	15 6.8	600 272
P1429	1 1/4	1.510 38.4	14 1.9	18 8.2	600 272
P1430	1 1/2	1.740 44.2	12 2.7	29 13.2	800 363
P1431	2	2.197 55.8	12 2.7	33 15.0	800 363
P1118	2 1/2	2.875 73.0	12 2.7	40 18.1	800 363
P1119	3	3.500 88.9	12 2.7	47 21.3	800 363
P1120	3 1/2	4.000 101.6	11 3.0	62 28.1	1,000 454
P1121	4	4.500 114.3	11 3.0	67 30.4	1,000 454

15/8" Channel
Telesnut System
Nuts & Hardware
General Fittings
Pipe/Conduit Supports
Electrical Fittings
Concrete Inserts
1 1/2" Framing System
1 1/4" Framing System
1 3/8" Framing System
Fiberglass System
Special Metals
PrimeAngle System
Product Index

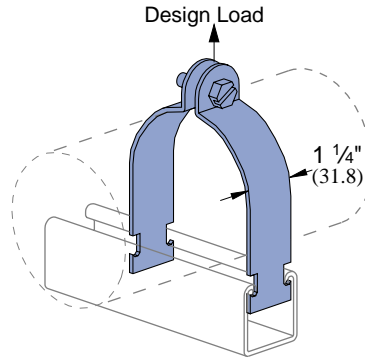


P2024 thru P2070-84

Pipe Clamps for O.D. Tubing

Finish: Electro-galvanized.
Slotted hex head screw and nut included.

- P2024 - P2029** 16 ga.
- P2030 - P2035** 14 ga.
- P2037 - P2052** 12 ga.
- P2053 - P2066** 11 ga.
- P2067 - P2070-84** 10 ga.



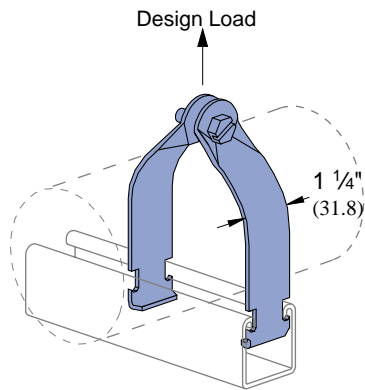
Part Number	O.D. Size In (mm)	Wt/100 pcs Lbs (kg)	Design Load Lbs (kg)
P2024	1/4 6.4	8 3.6	400 181
P2025	3/8 9.5	8 3.6	
P2026	1/2 12.7	9 4.1	
P2027	5/8 15.9	10 4.5	600 272
P2028	3/4 19.1	11 5.0	
P2029	7/8 22.2	12 5.4	
P2030	1 25.4	14 6.4	800 363
P2031	1 1/8 28.6	15 6.8	
P2032	1 1/4 31.8	16 7.3	
P2033	1 3/8 34.9	17 7.7	800 363
P2034	1 1/2 38.1	18 8.2	
P2035	1 5/8 41.3	19 8.6	
P1430	1 3/4 44.5	29 13.2	800 363
P2037	1 7/8 47.6	28 12.7	
P2038	2 50.8	31 14.1	
P2039	2 1/8 54.0	32 14.5	800 363
P2040	2 1/4 57.2	33 15.0	
P1117	2 3/8 60.3	34 15.4	
P2042	2 1/2 63.5	35 15.9	800 363
P2043	2 5/8 66.7	37 16.8	
P2044	2 3/4 69.9	38 17.2	
P1118	2 7/8 73.0	40 18.1	800 363
P2046	3 76.2	41 18.6	

Part Number	O.D. Size In (mm)	Wt/100 pcs Lbs (kg)	Design Load Lbs (kg)
P2047	3 1/8 79.4	43 19.5	800 363
P2048	3 1/4 82.6	45 20.4	
P2049	3 3/8 85.7	46 20.9	
P1119	3 1/2 88.9	47 21.3	1,000 454
P2051	3 5/8 92.1	56 25.4	
P2052	3 3/4 95.3	58 26.3	
P2053	3 7/8 98.4	60 27.2	1,000 454
P1120	4 101.6	62 28.1	
P2055	4 1/8 104.8	62 28.1	
P2056	4 1/4 108.0	64 29.0	1,000 454
P2057	4 3/8 111.1	66 29.9	
P1121	4 1/2 114.3	67 30.4	
P2059	4 5/8 117.5	70 31.8	1,000 454
P2060	4 3/4 120.7	72 32.7	
P2061	4 7/8 123.8	73 33.1	
P2062	5 127.0	74 33.6	1,000 454
P2063	5 1/8 130.2	76 34.5	
P2064	5 1/4 133.4	77 34.9	
P2065	5 3/8 136.5	78 35.4	1,000 454
P2066	5 1/2 139.7	79 35.8	
P2067	5 5/8 142.9	88 39.9	
P2068	5 3/4 146.1	90 40.8	1,000 454
P2069	5 7/8 149.2	92 41.7	

Part Number	O.D. Size In (mm)	Wt/100 pcs Lbs (kg)	Design Load Lbs (kg)
P2070	6 152.4	94 42.6	1,000 454
P2070-61	6 1/8 155.6	96 43.5	
P2070-62	6 1/4 158.8	98 44.5	
P2070-63	6 3/8 161.9	99 44.9	1,000 454
P2070-64	6 1/2 165.1	100 45.4	
P1124	6 5/8 168.3	102 46.3	
P2070-66	6 3/4 171.5	104 47.2	1,000 454
P2070-67	6 7/8 174.6	106 48.1	
P2070-70	7 177.8	108 49.0	
P2070-71	7 1/8 181.0	110 49.9	1,000 454
P2070-72	7 1/4 184.2	112 50.8	
P2070-73	7 3/8 187.3	114 51.7	
P2070-74	7 1/2 190.5	116 52.6	1,000 454
P2070-75	7 5/8 193.7	117 53.1	
P2070-76	7 3/4 196.9	119 54.0	
P2070-77	7 7/8 200.0	121 54.9	1,000 454
P2070-80	8 203.2	123 55.8	
P2070-81	8 1/8 206.4	125 56.7	
P2070-82	8 1/4 209.6	126 57.2	1,000 454
P2070-83	8 3/8 212.7	128 58.1	
P2070-84	8 1/2 215.9	129 58.5	
P1126	8 5/8 219.1	130 59.0	1,000 454

P1211 thru P1217

Universal Clamps for Rigid or Thinwall Conduit

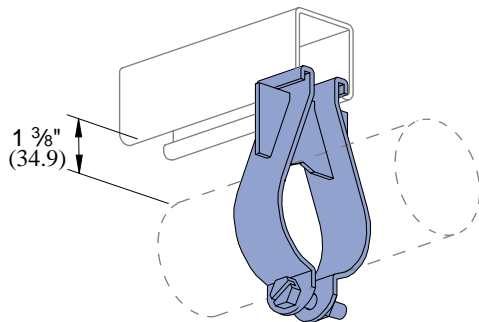


Slotted hex head screw and nut included.
Finish: Electro-galvanized.

Part Number	Pipe/Conduit Size In	Thickness Gauge (mm)	Wt/100 pcs Lbs (kg)	Design Load Lbs (kg)
P1211	1/2	16 1.5	10 4.5	400 181
P1212	3/4	16 1.5	11 5.0	400 181
P1213	1	16 1.5	12 5.4	400 181
P1214	1 1/4	14 1.9	18 8.2	600 272
P1215	1 1/2	14 1.9	20 9.1	600 272
P1217	2	14 1.9	22 10.0	600 272

P1563 thru P1573

Parallel Clamps for Rigid Conduit and Pipe

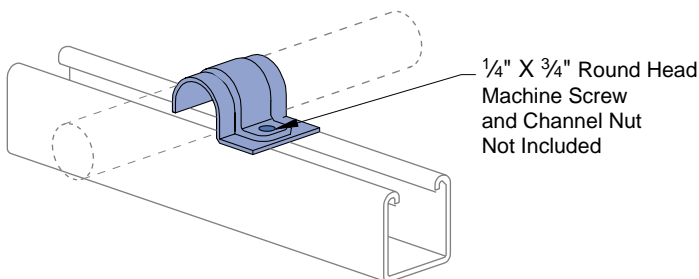


Slotted hex head screw and nut included.
Finish: Electro-galvanized.

Part Number	Pipe Size In	O.D. Size In (mm)	Thickness Gauge (mm)	Wt/100 pcs Lbs (kg)
P1563	3/8	0.675 17.1	14 1.9	27 12.2
P1564	1/2	0.840 21.3	14 1.9	29 13.2
P1565	3/4	1.050 26.7	14 1.9	30 13.6
P1566	1	1.315 33.4	14 1.9	31 14.1
P1567	1 1/4	1.660 42.2	14 1.9	38 17.2
P1568	1 1/2	1.900 48.3	12 2.7	40 18.1
P1569	2	2.375 60.3	12 2.7	47 21.3
P1570	2 1/2	2.875 73.0	12 2.7	66 29.9
P1571	3	3.500 88.9	12 2.7	78 35.4
P1572	3 1/2	4.000 101.6	12 2.7	87 39.5
P1573	4	4.500 114.3	12 2.7	90 40.8

P2008 thru P2020

One Hole Clamp for O.D. Tubing



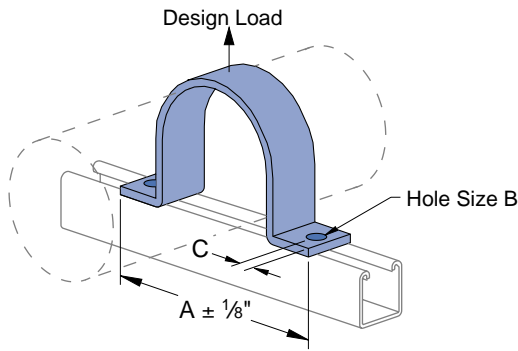
Finish: Electro-galvanized and Aluminum

Part Number	O.D. Tube Size In (mm)	Thickness Gauge (mm)	Wt/100 pcs Lbs (kg)
P2008	1/4 6.4	16 1.5	4 1.8
P2009	5/16 7.9	16 1.5	5 2.3
P2010	3/8 9.5	16 1.5	5 2.3
P2012	1/2 12.7	16 1.5	6 2.7
P2014	5/8 15.9	14 1.9	8 3.6
P2016	3/4 19.1	14 1.9	9 4.1
P2018	7/8 22.2	14 1.9	10 4.5
P2020	1 25.4	14 1.9	11 5.0



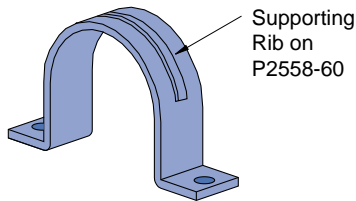
P2558-5 thru P2558-60

Single Piece Pipe Strap



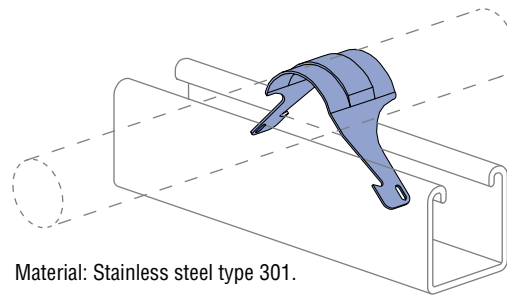
Part Number	Nominal Pipe Size In	A In (mm)	"B" In (mm)	C In (mm)	Thickness In (mm)	Wt/100 pcs Lbs (kg)	Design Load Lbs (kN)
P2558-05	1/2	2 7/8 73.0				23 10.4	
P2558-07	3/4	3 1/8 79.4				26 11.8	
P2558-10	1	3 3/8 85.7	9/32 7.1	7/16 11.1	1/8 3.2	31 14.1	500 2.2
P2558-12	1 1/4	3 3/4 95.3				35 15.9	
P2558-15	1 1/2	3 7/8 98.4				39 17.7	
P2558-20	2	5 3/4 146.1				94 42.6	
P2558-25	2 1/2	6 1/4 158.8				114 51.7	
P2558-30	3	6 7/8 174.6				133 60.3	
P2558-35	3 1/2	7 3/8 187.3	7/16 11.1	1 1/16 17.5	1/4 6.4	152 68.9	1,000 4.4
P2558-40	4	7 7/8 200.0				176 79.8	
P2558-50	5	9 228.6				198 89.8	
P2558-60	6	10 254.0				225 102.1	

Hardware sold separately.



P2609 thru P2617, P2426 thru P2431

UNI-CLIP® Support



Material: Stainless steel type 301.

The Uni-Clip supports meet or exceed load requirements for American Standard Code for Pressure Piping (1967), and National Electric Code (1971).
Patent No. 2863625.

UNI-CLIP® SUPPORTS FOR THINWALL CONDUIT (E.M.T.)

Part Number	Conduit Size In	O.D. Size In (mm)	Wt/100 pcs Lbs (kg)
P2426	1/2	0.706 17.9	1.7 0.8
P2427	3/4	0.922 23.4	2.4 1.1
P2428	1	1.163 29.5	3.6 1.6
P2429	1 1/4	1.510 38.4	4.6 2.1
P2430	1 1/2	1.740 44.2	5.9 2.7
P2431	2	2.197 55.8	8 3.6

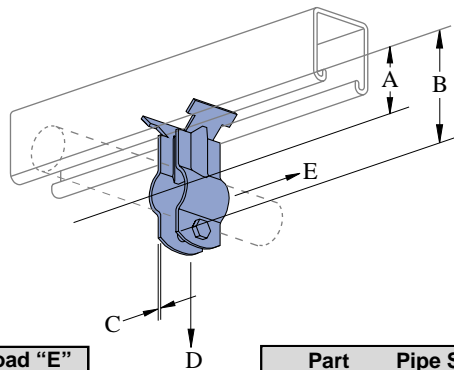
UNI-CLIP® SUPPORTS FOR RIGID STEEL CONDUIT

Part Number	Conduit Size In	O.D. Size In (mm)	Wt/100 pcs Lbs (kg)
P2609	3/8	0.675 17.1	1.6 0.7
P2611	1/2	0.840 21.3	2.3 1.0
P2612	3/4	1.050 26.7	3.2 1.5
P2613	1	1.315 33.4	4.1 1.9
P2614	1 1/4	1.660 42.2	5.1 2.3
P2615	1 1/2	1.900 48.3	6.3 2.9
P2617	2	2.375 60.3	10 4.5

1 5/8" Channel
 Telestrut System
 Nuts & Hardware
 General Fittings
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 1 1/4" Framing System
 1 3/16" Framing System
 Fiberglass System
 Special Metals
 PrimeAngle System
 Product Index

P3409 thru P3417

Stand-off Pipe Clamps



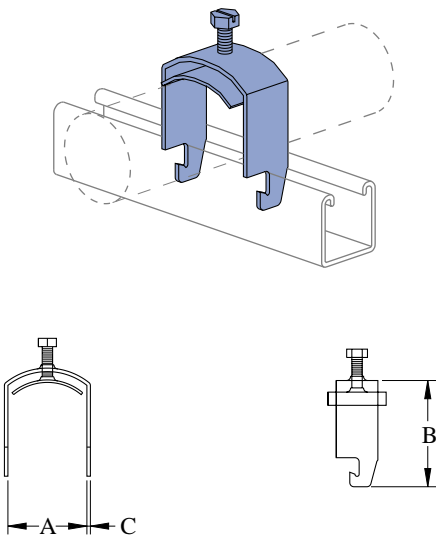
Hardware included.
 Finish: Electro-galvanized.
 Pipe Clamp 1¼" Wide
 Patent No. 3417951.
 Safety factor of 5

Part Number	Load "D" Lbs (kN)	Load "E" Lbs (kN)
P3409	100 45.4	25 11.3
P3411	150 68.0	35 15.9
P3412	175 79.4	40 18.1
P3413	200 90.7	50 22.7
P3414	300 136.1	70 31.8
P3415	400 181.4	80 36.3
P3417	500 226.8	120 54.4

Part Number	Pipe Size In	O.D. Size In (mm)	A In (mm)	B In (mm)	C Gauge (mm)	Wt/100 pcs Lbs (kg)
P3409	¾	0.675 17.1	1⅞ 28.6	2⅞ 54.0	14 1.9	14 6.4
P3411	½	0.840 21.3	1¼ 31.8	2⅝ 58.7	14 1.9	15 6.8
P3412	¾	1.050 26.7	1⅝ 33.3	2½ 63.5	14 1.9	19 8.6
P3413	1	1.315 33.4	1½ 38.1	2¾ 69.9	14 1.9	22 10.0
P3414	1¼	1.660 42.2	1⅞ 42.9	3¼ 82.6	12 2.7	34 15.4
P3415	1½	1.900 48.3	1¾ 44.5	3½ 88.9	11 3.0	49 22.2
P3417	2	2.375 60.3	2 50.8	4 101.6	10 3.4	55 24.9

M5025 thru M5060

One-piece Cable and Conduit Clamps



Part Number	Max O.D. Size In (mm)	"A" In (mm)	"B" In (mm)	"C" Gauge (mm)	Wt/100 pcs Lbs (kg)
M5025	¾ 9.5	7/16 11.1	1⅝ 41.3	14 1.9	6 2.7
M5026	½ 12.7	9/16 14.3	1¾ 44.5	14 1.9	7 3.2
M5028	¾ 19.1	13/16 20.6	2 50.8	14 1.9	12 5.4
M5030	1 25.4	1⅞ 27.0	2¼ 57.2	14 1.9	15 6.8
M5032	1¼ 31.8	1⅝ 33.3	2½ 63.5	14 1.9	19 8.6
M5034	1½ 38.1	1⅞ 39.7	2¾ 69.9	14 1.9	20 9.1
M5036	1¾ 44.5	1⅞ 46.0	3 76.2	12 2.7	25 11.3
M5038	2 50.8	2⅞ 52.4	3¼ 82.6	12 2.7	35 15.9
M5041	2⅝ 60.3	2⅞ 61.9	3⅝ 92.1	12 2.7	41 18.6
M5044	2¾ 69.9	2⅞ 71.4	4 101.6	12 2.7	60 27.2
M5048	3¼ 82.6	3⅞ 84.1	4½ 114.3	12 2.7	74 33.6
M5052	3¾ 95.3	3⅞ 96.8	5 127.0	12 2.7	91 41.3
M5054	4 101.6	4⅞ 103.2	5¼ 133.4	12 2.7	100 45.4
M5057	4⅝ 111.1	4⅞ 112.7	5⅝ 142.9	10 3.4	115 52.2
M5060	4¾ 120.7	4⅞ 122.2	6 152.4	10 3.4	125 56.7

Finish: Electro-galvanized and Aluminum.

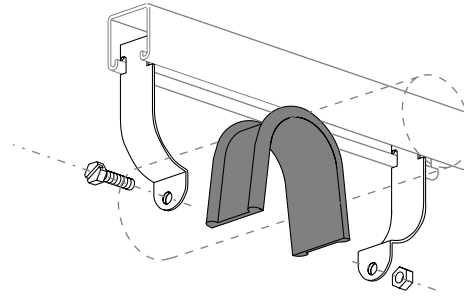
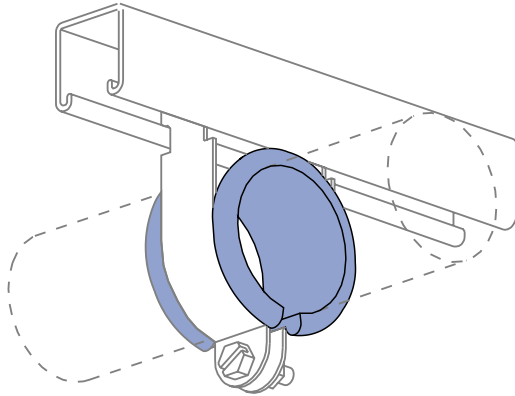
15/8" Channel
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 PrimeAngle System
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P2600

UNICUSHION®: Isolation Material

Wt/Carton: 2.5 Lbs (1.1 kg)



UNICUSHION FEATURES

- Shock absorption
- Protection from corrosion and abrasion
- Allowance for expansion and contraction
- Sound and vibration isolation
- Stability in use from - 50° F (-47° C) to + 350°F (+177° C)
- Flexible elastomer material
- Will not support combustion

- 25 feet per carton.
- Cut to length as shown in charts.

Clamp Selection & Cutting Guide

UNICUSHION®

EMT CONDUIT

Nominal Size	Use with Clamp	UNICUSHION Length In (mm)
3/8"	P1426	1 3/4 44.5
1/2"	P1111	2 1/8 54.0
3/4"	P1112	2 3/4 69.9
1"	P2032	3 5/8 92.1
1 1/4"	P2035	4 3/4 120.7
1 1/2"	P2037	5 1/2 139.7
2"	P1117	6 3/4 171.5

STANDARD PIPE OR RIGID CONDUIT

Nominal Size	Use with Clamp	UNICUSHION Length In (mm)
3/8"	P1111	2 1/8 54.0
1/2"	P2030	3 76.2
3/4"	P2031	3 1/4 82.6
1"	P2034	4 1/4 108.0
1 1/4"	P2037	5 1/4 133.4
1 1/2"	P2038	6 152.4
2"	P2042	7 1/2 190.5
2 1/2"	P2046	9 228.6
3"	P2051	11 279.4
3 1/2"	P2055	12 1/4 311.2
4"	P2059	14 355.6
5"	P2067	17 1/2 444.5
6"	P2070-66	20 3/4 527.1

COPPER TUBING TYPE K OR L

Nominal Size	Use with Clamp	UNICUSHION Length In (mm)
1/4"	P2026	1 1/16 27.0
3/8"	P2027	1 1/2 38.1
1/2"	P2028	2 1/8 54.0
5/8"	P2029	2 1/4 57.2
3/4"	P2030	3 76.2
1"	P2032	3 5/8 92.1
1 1/4"	P2034	4 1/2 114.3
1 1/2"	P1430	5 1/4 133.4
2"	P2040	6 3/4 171.5
2 1/2"	P2044	8 1/4 209.6
3"	P2048	10 254.0
3 1/2"	P2052	11 1/4 285.8
4"	P2056	12 1/2 317.5
5"	P2064	16 406.4
6"	P2070-62	19 482.6
8"	P2070-82	25 635.0

1 5/8" Channel
 Telestrut System
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 1 1/4" Framing System
 1 3/16" Framing System
 Fiberglass System
 Special Metals
 PrimeAngle System
 Product Index

Clamp Selection & Cutting Guide (continued)

UNICUSHION®

O. D. Size In (mm)	Use With Clamp	UNICUSHION Length In (mm)
¼ 6.4	P2025	⅞ 22.2
⅜ 9.5	P2026	1⅛ 27.0
½ 12.7	P2027	1½ 38.1
⅝ 15.9	P2028	2⅝ 54.0
¾ 19.1	P2029	2¼ 57.2
⅞ 22.2	P2030	3 76.2
1 25.4	P2031	3¼ 82.6
1⅛ 28.6	P2032	3⅝ 92.1
1¼ 31.8	P2033	4 101.6
1⅝ 34.9	P2034	4½ 114.3
1½ 38.1	P2035	4⅞ 123.8
1⅝ 41.3	P1430	5¼ 133.4
1¾ 44.5	P2037	5½ 139.7
1⅞ 47.6	P2038	6 152.4
2 50.8	P2039	6½ 165.1
2⅝ 54.0	P2040	6¾ 171.5
2¼ 57.2	P1117	7¼ 184.2
2⅜ 60.3	P2042	7½ 190.5
2½ 63.5	P2043	8 203.2
2⅝ 66.7	P2044	8¼ 209.6
2¾ 69.9	P1118	8¾ 222.3
2⅞ 73.0	P2046	9¼ 235.0
3 76.2	P2047	9½ 241.3

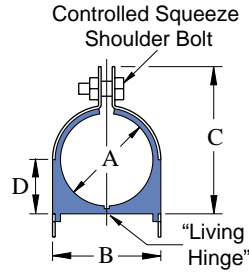
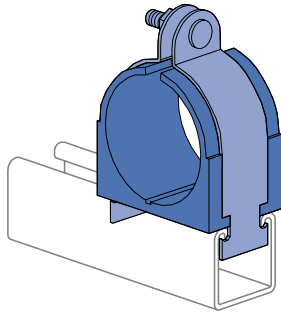
O. D. Size In (mm)	Use With Clamp	UNICUSHION Length In (mm)
3⅝ 79.4	P2048	10 254.0
3¼ 82.6	P2049	10½ 266.7
3⅜ 85.7	P1119	10¾ 273.1
3½ 88.9	P2051	11 279.4
3⅝ 92.1	P2052	11¼ 285.8
3¾ 95.3	P2053	11½ 292.1
3⅞ 98.4	P1120	11¾ 298.5
4 101.6	P2055	12 304.8
4⅛ 104.8	P2056	12½ 317.5
4¼ 108.0	P2057	13 330.2
4⅝ 111.1	P1121	13½ 342.9
4½ 114.3	P2059	14 355.6
4⅝ 117.5	P2060	14¼ 362.0
4¾ 120.7	P2061	14¾ 374.7
4⅞ 123.8	P2062	15 381.0
5 127.0	P2063	15½ 393.7
5⅛ 130.2	P2064	16 406.4
5¼ 133.4	P2065	16¼ 412.8
5⅝ 136.5	P2066	16½ 419.1
5½ 139.7	P2067	17 431.8
5⅞ 142.9	P2068	17½ 444.5
5¾ 146.1	P2069	17¾ 450.9
5⅞ 149.2	P2070	18¼ 463.6

O. D. Size In (mm)	Use With Clamp	UNICUSHION Length In (mm)
6 152.4	P2070-61	18½ 469.9
6⅛ 155.6	P2070-62	19 482.6
6¼ 158.8	P2070-63	19¼ 489.0
6⅝ 161.9	P2070-64	19¾ 501.7
6½ 165.1	P1124	20 508.0
6⅞ 168.3	P2070-66	20½ 520.7
6¾ 171.5	P2070-67	21 533.4
6⅞ 174.6	P2070-70	21¼ 539.8
7 177.8	P2070-71	21¾ 552.5
7⅛ 181.0	P2070-72	22 558.8
7¼ 184.2	P2070-73	22½ 571.5
7⅝ 187.3	P2070-74	22¾ 577.9
7½ 190.5	P2070-75	23¼ 590.6
7⅞ 193.7	P2070-76	23½ 596.9
7¾ 196.9	P2070-77	24 609.6
7⅞ 200.0	P2070-80	24½ 622.3
8 203.2	P2070-81	24¾ 628.7
8⅛ 206.4	P2070-82	25 635.0
8¼ 209.6	P2070-83	25½ 647.7
8⅝ 212.7	P2070-84	26 660.4
8½ 215.9	P1126	26¼ 666.8



004T008 thru 098N106, 009N012 thru 106N114

CUSH-A-CLAMP® Assembly



Tube Series Assembly

Part Number	Copper & Steel Tube O. D. Size	Copper Water Pipe (Nominal)	Dimensions				Wt/100 pcs
			"A" In(mm)	"B" In(mm)	"C" In(mm)	"D" In(mm)	
004T008	1/4		0.25 6.4	0.62 15.7	0.98 24.9	0.27 6.9	10 4.5
006T010	3/8	1/4	0.37 9.4	0.82 20.8	1.13 28.7	0.33 8.4	11 5.0
008T012	1/2	3/8	0.50 12.7	0.94 23.9	1.34 34.0	0.40 10.2	13 5.9
010T014	5/8	1/2	0.62 15.7	1.06 26.9	1.54 39.1	0.46 11.7	14 6.4
012T016	3/4	5/8	0.75 19.1	1.20 30.5	1.68 42.7	0.52 13.2	14 6.4
014T018	7/8	3/4	0.87 22.1	1.31 33.3	1.82 46.2	0.58 14.7	15 6.8
016T020	1		1.00 25.4	1.44 36.6	1.95 49.5	0.65 16.5	17 7.7
018T022	1 1/8	1	1.12 28.4	1.57 39.9	2.08 52.8	0.70 17.8	18 8.2
020T024	1 1/4		1.25 31.8	1.70 43.2	2.21 56.1	0.77 19.6	18 8.2
022T026	1 3/8	1 1/4	1.37 34.8	1.82 46.2	2.34 59.4	0.83 21.1	20 9.1
024N028	1 1/2		1.50 38.1	1.95 49.5	2.47 62.7	0.90 22.9	33 15.0
026N030	1 5/8	1 1/2	1.62 41.1	2.07 52.6	2.60 66.0	0.96 24.4	35 15.9
028N032	1 3/4		1.75 44.5	2.20 55.9	2.73 69.3	1.02 25.9	37 16.8
030N034	1 7/8		1.87 47.5	2.32 58.9	2.86 72.6	1.09 27.7	39 17.7
032N036	2		2.00 50.8	2.45 62.2	3.04 77.2	1.15 29.2	46 20.9
034N040	2 1/8		2.12 53.8	2.57 65.3	3.23 82.0	1.27 32.3	47 21.3
038N044	2 3/8		2.37 60.2	2.82 71.6	3.67 93.2	1.41 35.8	49 22.2
040N046	2 1/2		2.50 63.5	2.94 74.7	3.79 96.3	1.46 37.1	51 23.1
042N048	2 5/8		2.62 66.5	3.07 78.0	3.92 99.6	1.53 38.9	55 24.9
046N052	2 7/8		2.87 72.9	3.32 84.3	4.17 105.9	1.66 42.2	57 25.9
050N054	3		3.00 76.2	3.57 90.7	4.42 112.3	1.78 45.2	60 27.2
050N056	3 1/8		3.12 79.2	3.57 90.7	4.42 112.3	1.78 45.2	60 27.2
053N060	3 1/4		3.31 84.1	3.96 100.6	4.75 120.7	1.90 48.3	62 28.1
056N062	3 1/2		3.50 88.9	3.95 100.3	4.79 121.7	1.97 50.0	55 24.9
058N064	3 3/8		3.62 91.9	4.20 106.7	4.99 126.7	2.03 51.6	70 31.8
064N072	4		4.00 101.6	4.45 113.0	5.42 137.7	2.28 57.9	88 39.9
066N074	4 1/8		4.12 104.6	4.57 116.1	5.54 140.7	2.34 59.4	94 42.6
069N076	4 1/4		4.34 110.2	4.96 126.0	5.84 148.3	2.40 61.0	100 45.4
072N080	4 1/2		4.50 114.3	4.95 125.7	5.92 150.4	2.53 64.3	110 49.9
089N096	5		5.56 141.2	6.01 152.7	6.92 175.8	3.06 77.7	130 59.0
106N114	6		6.62 168.1	7.07 179.6	8.23 209.0	3.59 91.2	140 63.5
098N106	6 1/8		6.12 155.4	6.57 166.9	7.54 191.5	3.34 84.8	130 59.0

Materials:

Clamp: Electro-galvanized or stainless steel.

Cushion: Thermoplastic elastomer.

Includes cushion, clamp and hardware.

Patent Numbers: 4,516,296; 4,934,635

Part Numbers are "coded" to designate cushion size and clamp size. Examples:

004T008 004 - Cushion Size 1/16" (6.4)
T - With Controlled Squeeze Shoulder Bolt
008 - Clamp Size 3/8" (12.7)

009N012 009 - Cushion Size 3/16" (14.3)
N - With Standard Bolt
012 - Clamp Size 1/2" (19.1)

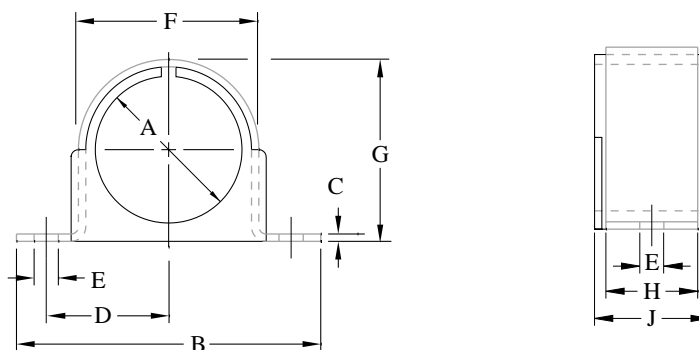
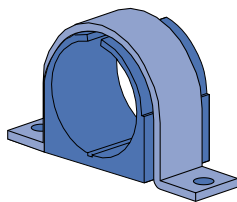
Pipe Series Assembly

Part Number	Nominal Pipe Size	Dimensions				Wt/100 pcs
		"A" In(mm)	"B" In(mm)	"C" In(mm)	"D" In(mm)	
009N012	1/4	0.54 13.7	0.98 24.9	1.34 34.0	0.43 10.9	13 5.9
011N014	3/8	0.67 17.0	1.13 28.7	1.54 39.1	0.49 12.4	14 6.4
014N018	1/2	0.84 21.3	1.29 32.8	1.82 46.2	0.58 14.7	15 6.8
017N022	3/4	1.05 26.7	1.50 38.1	1.95 49.5	0.70 17.8	17 7.7
021N026	1	1.31 33.3	1.76 44.7	2.34 59.4	0.81 20.6	19 8.6
027N032	1 1/4	1.66 42.2	2.17 55.1	2.73 69.3	0.99 25.1	35 15.9
030N034	1 1/2	1.90 48.3	2.35 59.7	2.86 72.6	1.09 27.7	39 17.7
038N044	2	2.37 60.2	2.82 71.6	3.67 93.2	1.41 35.8	49 22.2
046N052	2 1/2	2.87 72.9	3.32 84.3	4.17 105.9	1.66 42.2	57 25.9
056N062	3	3.50 88.9	3.95 100.3	4.79 121.7	1.97 50.0	55 24.9
064N072	3 1/2	4.00 101.6	4.45 113.0	5.42 137.7	2.28 57.9	88 39.9
072N080	4	4.50 114.3	4.95 125.7	5.92 150.4	2.53 64.3	110 49.9
089N096	5	5.56 141.2	6.01 152.7	6.92 175.8	3.06 77.7	130 59.0
106N114	6	6.62 168.1	7.07 179.6	8.23 209.0	3.59 91.2	140 63.5

1 5/8" Channel
 Telesruct System
 Hardware
 General Fittings
 Pipe/Conduit Supports
 Electrical Fittings
 Concrete Inserts
 1 1/4" Framing System
 1 3/16" Framing System
 Fiberglass System
 Special Metals
 PrimeAngle System
 Product Index

004M007 thru 034M040

CUSH-A-CLAMP® Assembly Omega Series™



Includes clamp and cushion.

Materials: Clamp: ZD or stainless steel.

Cushion: Thermoplastic elastomer..

Note: Cannot be mounted on the slotted side of metal framing channel.
Can be mounted to any flat surface.

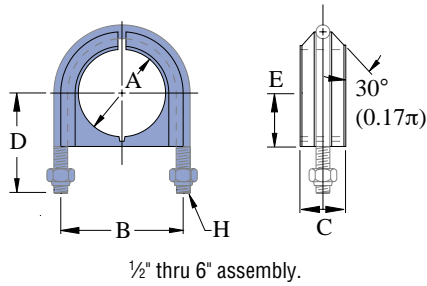
Part Number	Copper & Steel Tubing O. D. In	Copper Water Pipe (Nominal) In	Pipe Size (Nominal) In	Dimensions										Wt/100 pcs Lbs (kg)
				"A" In (mm)	"B" In (mm)	"C" In (mm)	"D" In (mm)	"E" In (mm)	"F" In (mm)	"G" In (mm)	"H" In (mm)	"J" In (mm)		
004M007	¼			0.25 6.4	1.81 46.0	0.06 1.5	0.60 15.2	0.20 5.1	0.53 13.5	0.48 12.2	0.62 15.7	0.78 19.8	3.4 1.5	
006M008	¾	¼		0.37 9.4	1.90 48.3	0.06 1.5	0.65 16.5	0.20 5.1	0.62 15.7	0.62 15.7	0.62 15.7	0.81 20.6	4.0 1.8	
008M011	½	¾	¼	0.50 12.7	2.20 55.9	0.06 1.5	0.80 20.3	0.26 6.6	0.82 20.8	0.75 19.1	0.75 19.1	0.98 24.9	5.5 2.5	
010M013	⅝	½	¾	0.62 15.7	2.32 58.9	0.06 1.5	0.86 21.8	0.26 6.6	0.94 23.9	0.87 22.1	0.75 19.1	0.98 24.9	6.0 2.7	
012M015	¾	⅝		0.75 19.1	2.41 61.2	0.06 1.5	0.90 22.9	0.26 6.6	1.03 26.2	1.01 25.7	0.75 19.1	0.98 24.9	6.5 2.9	
014M017	⅞	¾	½	0.87 22.1	2.56 65.0	0.06 1.5	0.98 24.9	0.26 6.6	1.18 30.0	1.03 26.2	0.75 19.1	0.98 24.9	7.1 3.2	
016M019	1			1.00 25.4	2.68 68.1	0.06 1.5	1.04 26.4	0.26 6.6	1.31 33.3	1.25 31.8	0.75 19.1	0.98 24.9	7.8 3.5	
018M020			¾	1.05 26.7	2.68 68.1	0.06 1.5	1.04 26.4	0.26 6.6	1.31 33.3	1.25 31.8	0.75 19.1	0.98 24.9	8.1 3.7	
018M021	1½	1		1.12 28.4	2.82 71.6	0.06 1.5	1.11 28.2	0.26 6.6	1.44 36.6	1.33 33.8	0.75 19.1	0.98 24.9	8.4 3.8	
020M024	1¼			1.25 31.8	3.00 76.2	0.08 2.0	1.20 30.5	0.26 6.6	1.65 41.9	1.47 37.3	1.25 31.8	1.56 39.6	17 7.7	
021M026			1	1.31 33.3	3.12 79.2	0.08 2.0	1.26 32.0	0.26 6.6	1.76 44.7	1.71 43.4	1.25 31.8	1.56 39.6	20 9.1	
022M026	1¾	1¼		1.37 34.8	3.12 79.2	0.08 2.0	1.26 32.0	0.26 6.6	1.76 44.7	1.71 43.4	1.25 31.8	1.56 39.6	19 8.6	
024M028	1½			1.50 38.1	3.65 92.7	0.08 2.0	1.42 36.1	0.26 6.6	1.93 49.0	1.88 47.8	1.25 31.8	1.56 39.6	20 9.1	
026M030	1⅝	1½		1.62 41.1	3.77 95.8	0.08 2.0	1.48 37.6	0.26 6.6	2.07 52.6	2.00 50.8	1.25 31.8	1.56 39.6	23 10.4	
027M032			1¼	1.66 42.2	3.90 99.1	0.10 2.5	1.55 39.4	0.33 8.4	2.21 56.1	2.12 53.8	1.25 31.8	1.56 39.6	32 14.5	
028M032	1¾			1.75 44.5	3.90 99.1	0.10 2.5	1.55 39.4	0.33 8.4	2.21 56.1	2.12 53.8	1.25 31.8	1.56 39.6	32 14.5	
030M034	1⅞		1½	1.87 47.5	4.02 102.1	0.10 2.5	1.61 40.9	0.33 8.4	2.33 59.2	2.25 57.2	1.25 31.8	1.56 39.6	34 15.4	
032M036	2			2.00 50.8	4.15 105.4	0.10 2.5	1.67 42.4	0.33 8.4	2.46 62.5	2.38 60.5	1.25 31.8	1.56 39.6	36 16.3	
034M040	2½			2.12 53.8	4.40 111.8	0.10 2.5	1.80 45.7	0.33 8.4	2.71 68.8	2.62 66.5	1.25 31.8	1.56 39.6	41 18.6	
038M044			2	2.37 60.2	4.71 119.6	0.10 2.5	1.94 49.3	0.33 8.4	2.96 75.2	2.88 73.2	1.25 31.8	1.56 39.6	44 20.0	
082M090	5⅝			5.12 130.0	7.64 194.1	0.10 2.5	3.41 86.6	0.40 10.2	5.83 148.1	6.75 171.5	1.25 31.8	1.56 39.6	120 54.4	

15/8" Channel
Telestrut System
Nuts & Hardware
General Fittings
Pipe/Conduit Supports
Electrical Fittings
Concrete Inserts
1 1/4" Framing System
1 3/8" Framing System
Fiberglass System
Special Metals
PrimeAngle System
Product Index

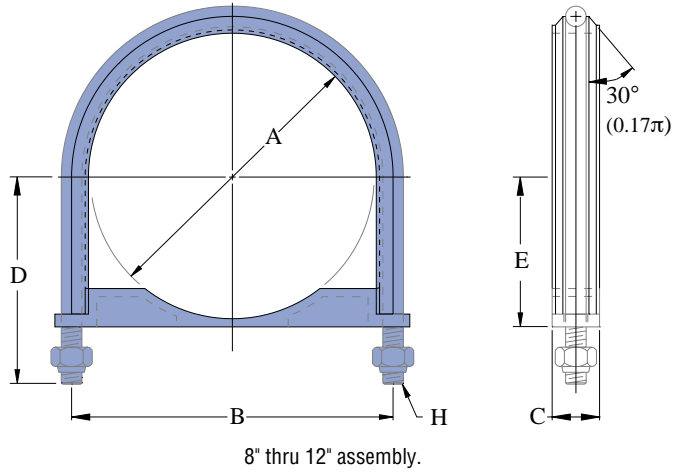


UB¹/₂PA thru UB12PA

CUSH-A-CLAMP® Assembly U-Bolt Series



1/2" thru 6" assembly.



8" thru 12" assembly.

Includes U bolt, cushion, and hardware.

Materials:

U Bolt: Electro-galvanized finish or Type 316SS

Cushion: Thermoplastic elastomer.

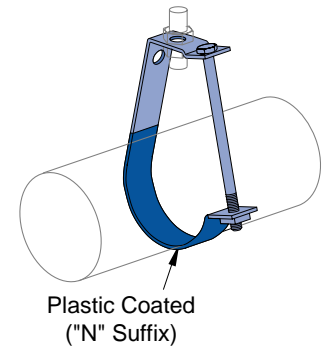
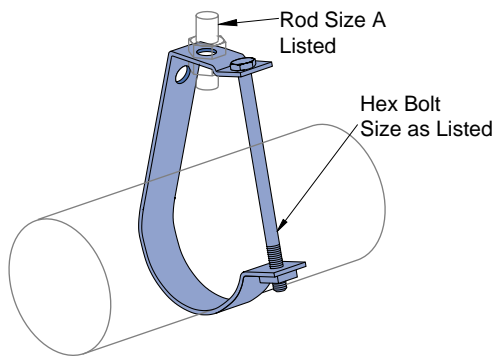
Note: Not intended for use with metal framing components due to the length of the thread.

Part Number	Pipe Size (Nominal)	"A" In (mm)	"B" In (mm)	Dimensions				H	Wt/100 pcs Lbs (kg)
				"C" In (mm)	"D" In (mm)	"E" In (mm)	"F" In (mm)		
UB ¹ / ₂ PA	1/2	0.84 21.3	1.60 40.6	0.68 17.3	1.5 38.1	0.67 17.0	1/4 6.4	1/4-20 UNC-2B	9 4.1
UB ³ / ₄ PA	3/4	1.05 26.7	1.80 45.7	0.68 17.3	1.6 40.6	0.78 19.8	1/4 6.4	1/4-20 UNC-2B	10 4.5
UB1PA	1	1.31 33.3	2.05 52.1	0.68 17.3	1.7 43.2	0.91 23.1	1/4 6.4	1/4-20 UNC-2B	12 5.4
UB1 ¹ / ₄ PA	1 1/4	1.66 42.2	2.54 64.5	1.24 31.5	2.1 53.3	1.08 27.4	3/8 9.5	3/8-16 UNC-2B	36 16.3
UB1 ¹ / ₂ PA	1 1/2	1.90 48.3	2.78 70.6	1.24 31.5	2.2 55.9	1.19 30.2	3/8 9.5	3/8-16 UNC-2B	32 14.5
UB2PA	2	2.37 60.2	3.32 84.3	1.24 31.5	2.5 63.5	1.45 36.8	3/8 9.5	3/8-16 UNC-2B	42 19.1
UB2 ¹ / ₂ PA	2 1/2	2.87 72.9	3.88 98.6	1.24 31.5	3.0 76.2	1.69 42.9	1/2 12.7	1/2-13 UNC-2B	72 32.7
UB3PA	3	3.50 88.9	4.50 114.3	1.24 31.5	3.3 83.8	2.00 50.8	1/2 12.7	1/2-13 UNC-2B	84 38.1
UB3 ¹ / ₂ PA	3 1/2	4.00 101.6	5.00 127.0	1.24 31.5	3.7 94.0	2.25 57.2	1/2 12.7	1/2-13 UNC-2B	93 42.2
UB4PA	4	4.50 114.3	5.50 139.7	1.24 31.5	3.9 99.1	2.5 63.5	1/2 12.7	1/2-13 UNC-2B	102 46.3
UB5PA	5	5.56 141.2	6.59 167.4	1.24 31.5	4.5 114.3	3.03 77.0	1/2 12.7	1/2-13 UNC-2B	123 55.8
UB6PA	6	6.62 168.1	7.81 198.4	1.44 36.6	5.4 137.2	3.56 90.4	5/8 15.9	5/8-11 UNC-2B	123 55.8
UB8PA	8	8.62 218.9	9.84 249.9	1.44 36.6	6.4 162.6	4.56 115.8	5/8 15.9	5/8-11 UNC-2B	243 110.2
UB10PA	10	10.75 273.1	12.25 311.2	1.65 41.9	7.7 195.6	5.68 144.3	3/4 19.1	3/4-10 UNC-2B	492 223.2
UB12PA	12	12.75 323.9	14.25 362.0	1.65 41.9	8.7 221.0	6.68 169.7	3/4 19.1	3/4-10 UNC-2B	563 255.4

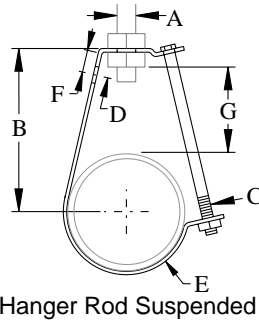
15/8" Channel
 Telestrut System
 Hardware
 General Fittings
 Pipe/Conduit Supports
 Electrical Fittings
 Concrete Inserts
 1 1/4" Framing System
 1 1/2" Framing System
 1 3/4" Framing System
 Fiberglass System
 Special Metals
 PrimeAngle System
 Product Index

J1205 thru J1280, J1205 N thru J 1280 N (Plastic Coated)

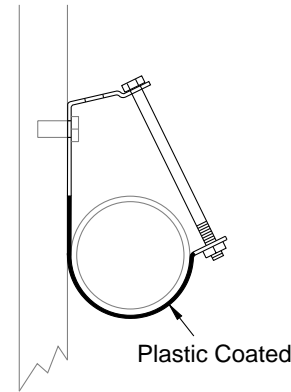
"J" Conduit & Pipe Hanger



NOTE: Maximum operating temperature is 300°F (148.8°C)



Hanger Rod Suspended



"T" Bolt and Nut Included

Part Number	Wt/100 pcs Lbs (kg)	Part Number	Wt/100 pcs Lbs (kg)	Pipe Size In	"A" In (mm)	"B" In (mm)	"C" In (mm)	"D" In (mm)	"E" In (mm)	"F" In (mm)	"G" In (mm)	Load Lbs (kg)
J1205	20 9.1	J1205N	21 9.5	1/2	3/8 9.5	1 1/4 44.5	1/4 x 2 1/4 6.4 x 57.2	1 3/32 10.3	1/8 x 3/4 3.2 x 19.1	9/16 14.3	7/8 22.2	300 136
J1207	21 9.5	J1207N	22 10.0	3/4	3/8 9.5	1 1/8 47.6	1/4 x 2 1/4 6.4 x 57.2	1 3/32 10.3	1/8 x 3/4 3.2 x 19.1	9/16 14.3	7/8 22.2	300 136
J1210	24 10.9	J1210N*	25 11.3	1	3/8 9.5	2 1/4 57.2	1/4 x 2 3/4 6.4 x 69.9	1 3/32 10.3	1/8 x 3/4 3.2 x 19.1	9/16 14.3	1 25.4	300 136
J1212	27 12.2	J1212N	29 13.2	1 1/4	3/8 9.5	2 3/4 69.9	1/4 x 3 1/4 6.4 x 82.6	1 3/32 10.3	1/8 x 3/4 3.2 x 19.1	9/16 14.3	1 3/8 34.9	300 136
J1215	29 13.2	J1215N*	31 14.1	1 1/2	3/8 9.5	3 76.2	1/4 x 3 1/2 6.4 x 88.9	1 3/32 10.3	1/8 x 3/4 3.2 x 19.1	9/16 14.3	1 1/2 38.1	300 136
J1220	33 15.0	J1220N*	35 15.9	2	3/8 9.5	3 3/8 85.7	1/4 x 4 6.4 x 101.6	1 3/32 10.3	1/8 x 3/4 3.2 x 19.1	9/16 14.3	1 5/8 41.3	300 136
J1225	71 32.2	J1225N	74 33.6	2 1/2	1/2 12.7	4 101.6	3/8 x 4 1/2 9.5 x 114.3	9/16 14.3	1/8 x 1 1/4 3.2 x 31.8	3/4 19.1	1 7/8 47.6	500 227
J1230	78 35.4	J1230N*	81 36.7	3	1/2 12.7	4 1/4 108.0	3/8 x 5 9.5 x 127.0	9/16 14.3	1/8 x 1 1/4 3.2 x 31.8	3/4 19.1	1 1/8 47.6	500 227
J1235	85 38.6	J1235N	88 39.9	3 1/2	1/2 12.7	4 3/4 120.7	3/8 x 5 1/2 9.5 x 139.7	9/16 14.3	1/8 x 1 1/4 3.2 x 31.8	3/4 19.1	2 1/8 54.0	500 227
J1240	178 80.7	J1240N*	182 82.6	4	5/8 15.9	5 1/2 139.7	3/8 x 6 1/2 9.5 x 165.1	9/16 14.3	1/4 x 1 1/4 3.2 x 31.8	3/4 19.1	2 1/4 57.2	600 272
J1250	199 90.3	J1250N	203 92.1	5	5/8 15.9	6 152.4	3/8 x 7 1/2 9.5 x 190.5	9/16 14.3	1/4 x 1 1/4 3.2 x 31.8	3/4 19.1	2 1/4 57.2	600 272
J1260	231 104.8	J1260N*	236 107.0	6	3/4 19.1	7 177.8	3/8 x 8 1/2 9.5 x 215.9	9/16 14.3	1/4 x 1 1/4 3.2 x 31.8	3/4 19.1	2 5/8 66.7	600 272
J1280	449 203.7	J1280N	458 207.7	8	3/4 19.1	10 254.0	3/8 x 12 9.5 x 304.8	9/16 14.3	1/4 x 2 3.2 x 50.8	1 25.4	4 3/8 117.5	700 318

*Standard glass drainline and glass process pipe sizes.
Minimum safety factor of five (5) on ultimate load.



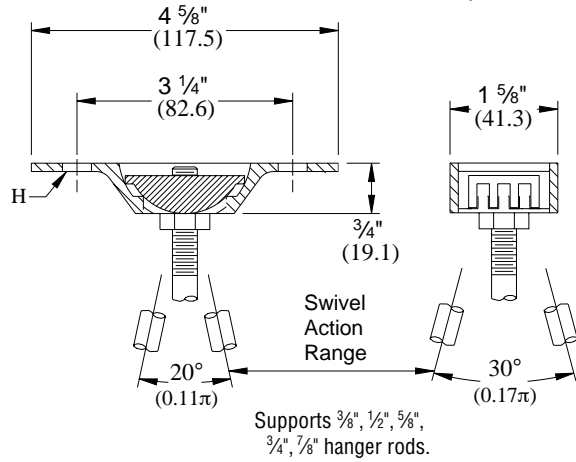
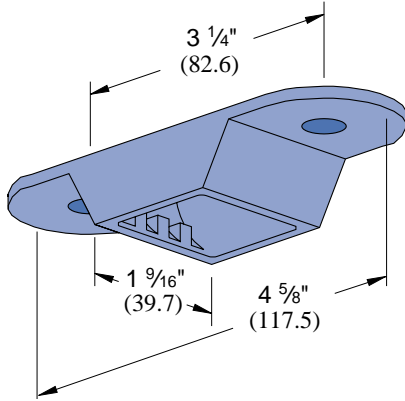
M30 & M31

Swivel Ceiling Flanges

Wt/100 pcs: 40 Lbs (18.1 kg)



for pipe sizes
3/4" to 2".



Part Number	Mounting Bolt Size	Hole "H" In (mm)	Wt/100 pcs Lbs (kg)	Design Load Lbs (kg)
M30	3/8	7/16 11.1	40 18.1	1,220 553.4
M31	1/2	9/16 14.3	40 18.1	1,450 657.7

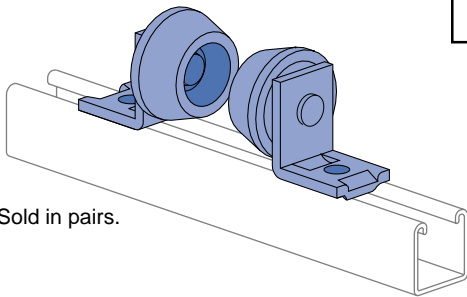
Note: Concrete Insert Section for M26 swivel nuts
Material: Malleable Iron.
Patent No. 2953874.

P2474

Design Load
500 Lbs (226.8 kg)

Pipe Roller for 1/2" - 4" Pipe

Wt/100 pcs: 268 Lbs (121.6 kg)



Sold in pairs.

Requires 2 each 1/2" x 15/16" bolts and
1/2" channel nuts per assembly.
Sold separately.

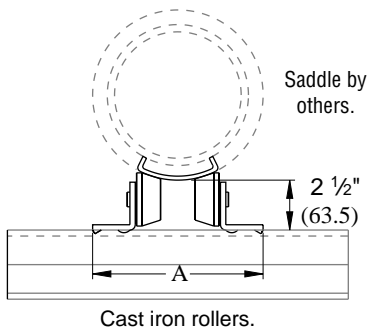


Chart for Dimension A

Pipe Size In	Insulation Thickness						
	No Insulation In (mm)	1" In (mm)	1 1/2" In (mm)	2" In (mm)	2 1/2" In (mm)	3" In (mm)	4" In (mm)
1/2	6 1/2 165.1	6 1/2 165.1					
3/4	6 1/2 165.1	6 1/2 165.1	6 5/8 168.3	6 7/8 174.6			
1	6 1/2 165.1	6 1/2 165.1	6 5/8 168.3	6 7/8 174.6			
1 1/4	6 1/2 165.1	6 1/2 165.1	6 7/8 174.6	7 1/8 181.0	7 3/8 187.3		
1 1/2	6 1/2 165.1	6 1/2 165.1	6 7/8 174.6	7 1/8 181.0	7 3/8 187.3		
2	6 1/2 165.1	6 5/8 168.3	7 1/8 181.0	7 3/8 187.3	7 1/2 190.5	8 203.2	
2 1/2	6 1/2 165.1	6 5/8 168.3	7 1/8 181.0	7 3/8 187.3	7 1/2 190.5	8 203.2	
3	6 1/2 165.1	7 177.8	7 1/2 190.5	7 3/4 196.9	7 7/8 200.0	8 1/8 206.4	
3 1/2	6 1/2 165.1	7 177.8	7 1/2 190.5	7 3/4 196.9	7 7/8 200.0	8 1/8 206.4	
4	6 5/8 168.3	7 1/4 184.2	7 5/8 193.7	7 7/8 200.0	8 203.2	8 3/8 212.7	9 228.6

Standard Dimensions for 1 5/8" (41 mm) width series channel fittings (Unless Otherwise Shown on Drawing)

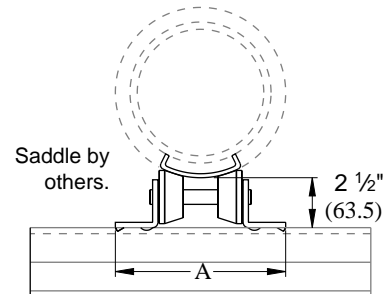
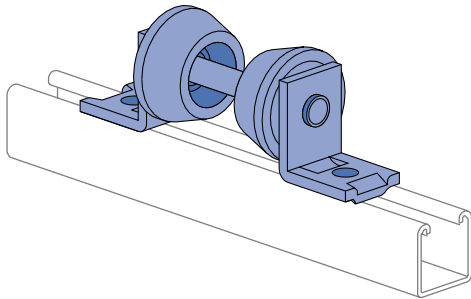
Hole Diameter: 9/16" (14.3mm); Hole Spacing - From End: 13/16" (20.6 mm); Hole Spacing - On Center: 1 7/8" (47.6 mm); Width: 1 5/8" (41mm); Thickness: 1/4" (6.4mm)

15/8" Channel
Telesrnut System
Nuts & Hardware
General Fittings
Pipe/Conduit Supports
Electrical Fittings
Concrete Inserts
1 1/4" Framing System
1 3/16" Framing System
Fiberglass System
Special Metals
PrimeAngle System
Product Index

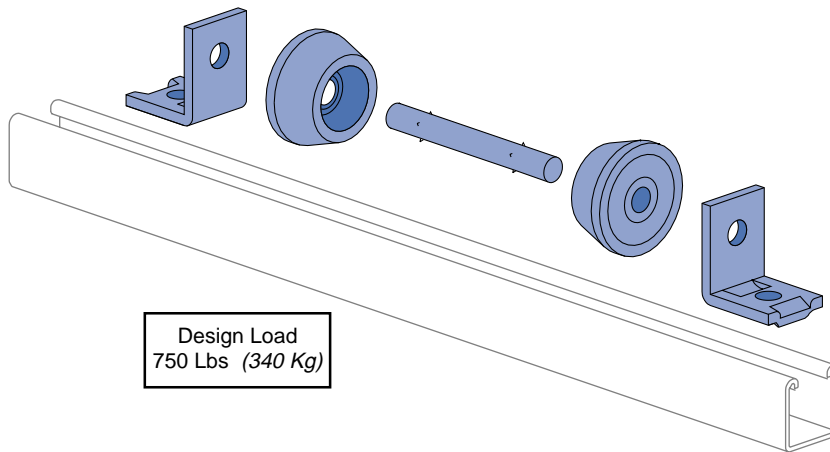
P2474-1 thru P2474-4

Pipe Roller for 1" - 8" Pipe

15/8" Channel
Telesruct System
Nuts & Hardware
General Fittings
Pipe/Conduit Supports
Electrical Fittings
Concrete Inserts
1 1/2" Framing System
1 3/16" Framing System
Fiberglass System
Special Metals
PrimeAngle System
Product Index



- Pipe roller will fit standard saddles.
- Select proper roller from chart.
- Requires 2 each 1/2" x 15/16" bolts and 1/2" channel nuts per assembly. Sold separately.



Design Load
750 Lbs (340 Kg)

Part Number	A In (mm)	Wt/100 pcs Lbs (kg)
P2474-1	6 3/4 171.5	299 135.6
P2474-2	7 1/2 190.5	304 137.9
P2474-3	8 1/2 215.9	311 141.1
P2474-4	9 9/16 242.9	319 144.7

Parts are shipped loose and are easily assembled during installation.

Chart for Roller Part Number Selection

Pipe Size In	Insulation Thickness						
	No Insulation	1" (25.4)	1 1/2" (38.1)	2" (50.8)	2 1/2" (63.5)	3" (76.2)	4" (101.6)
1/2	P2474-1	P2474-1	P2474-1	P2474-2			
3/4	P2474-1	P2474-1	P2474-1	P2474-2			
1	P2474-1	P2474-1	P2474-1	P2474-2			
1 1/4	P2474-1	P2474-1	P2474-1	P2474-2			
1 1/2	P2474-1	P2474-2	P2474-2	P2474-2	P2474-2		
2	P2474-1	P2474-1	P2474-2	P2474-2	P2474-2		
2 1/2	P2474-1	P2474-1	P2474-2	P2474-2	P2474-2		
3	P2474-1	P2474-2	P2474-2	P2474-3	P2474-3	P2474-3	
3 1/2	P2474-1	P2474-2	P2474-2	P2474-3	P2474-3	P2474-3	
4	P2474-1	P2474-2	P2474-2	P2474-3	P2474-3	P2474-3	
5	P2474-2	P2474-3	P2474-3	P2474-3	P2474-3	P2474-4	P2474-4
6	P2474-2	P2474-3	P2474-3	P2474-3	P2474-3	P2474-4	P2474-4
8	P2474-2	P2474-3	P2474-4	P2474-4	P2474-4	P2474-4	P2474-4

Standard Dimensions for 1 5/8" (41 mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/16" (14.3mm); Hole Spacing - From End: 1 3/16" (20.6 mm); Hole Spacing - On Center: 1 7/8" (47.6 mm); Width: 1 5/8" (41mm); Thickness: 1/4" (6.4mm)

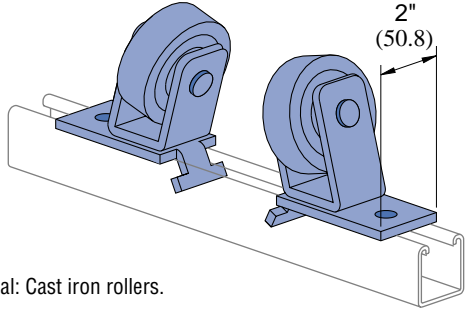


P2475

Pipe Roller for 6" - 16" Pipe

Wt/100 pcs: 680 Lbs (308.4 kg)

Sold in pairs.



Material: Cast iron rollers.

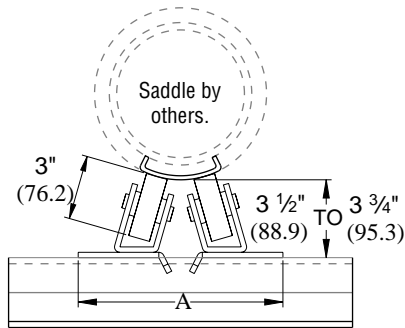
- Requires 2 each 1/2" x 15/16" bolts and 1/2" channel nuts per assembly. Sold separately.

Design Load
1500 Lbs (680 Kg)

Chart for Dimension A

Pipe Size In	No Insulation In (mm)	Insulation Thickness					
		1" In (mm)	1 1/2" In (mm)	2" In (mm)	2 1/2" In (mm)	3" In (mm)	4" In (mm)
6	9 1/2 241.3	10 3/4 260.4	10 1/2 266.7	10 3/4 273.1	11 279.4	11 3/8 288.9	11 1/8 301.6
8	10 3/8 257.2	*	11 279.4	11 3/8 288.9	11 3/4 298.5	12 304.8	12 1/2 317.5
10	10 3/4 273.1	*	11 3/8 295.3	12 304.8	12 1/4 311.2	12 1/2 317.5	13 330.2
12	11 1/4 285.8	*	12 1/8 308.0	12 1/2 317.5	12 3/4 323.9	13 330.2	13 1/2 342.9
14	11 3/8 295.3	*	12 1/2 317.5	12 3/8 327.0	13 330.2	13 3/8 339.7	14 355.6
16	12 1/8 308.0	*	13 330.2	13 3/8 339.7	13 3/4 352.4	14 355.6	14 1/2 368.3

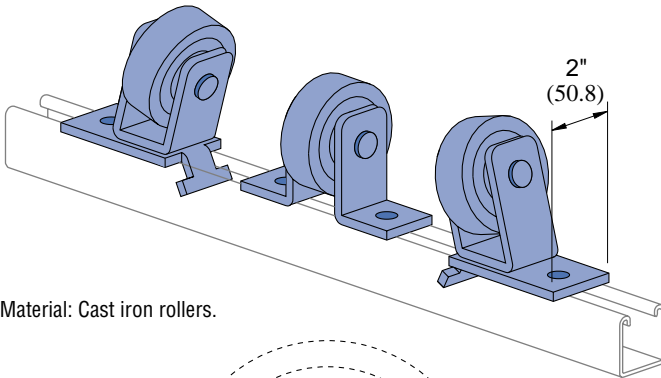
(*Not used for this size)



P2476

Pipe Roller for 16" - 24" Pipe

Wt/100 pcs: 1046 Lbs (474.5 kg)



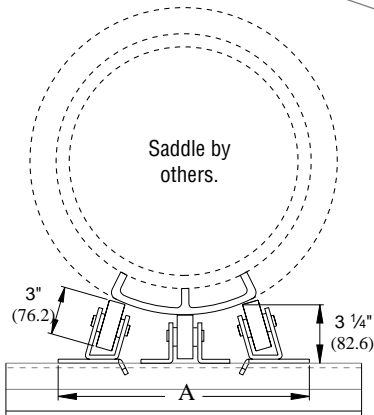
Material: Cast iron rollers.

- Requires 4 each 1/2" x 15/16" bolts and 1/2" channel nuts per assembly. Sold separately.

Design Load
2000 Lbs (907 kg)

Chart for Dimension A

Pipe Size In	Insulation Thickness				
	1 1/2" In (mm)	2" In (mm)	2 1/2" In (mm)	3" In (mm)	4" In (mm)
16			13 3/8 352.4	14 355.6	14 1/2 368.3
18	13 3/8 346.1	14 355.6	14 1/8 358.8	14 1/2 368.3	15 381.0
20	14 1/8 358.8	14 1/2 368.3	14 3/4 374.7	15 381.0	15 1/2 393.7
24	15 1/4 387.4	15 1/2 393.7	15 3/8 403.2	16 1/8 409.6	16 5/8 422.3



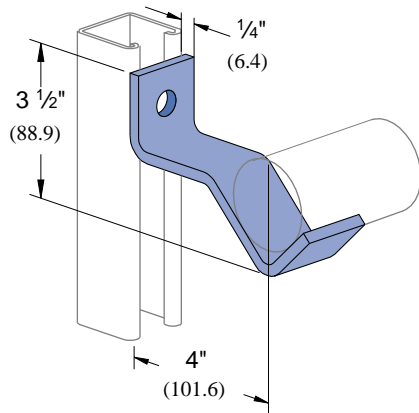
Standard Dimensions for 1 5/8" (41 mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/16" (14.3mm); Hole Spacing - From End: 1 3/16" (20.6 mm); Hole Spacing - On Center: 1 7/8" (47.6 mm); Width: 1 5/8" (41mm); Thickness: 1/4" (6.4mm)

1 5/8" Channel
 Telesruct System
 Nuts & Hardware
 General Fittings
 Pipe/Conduit Supports
 Electrical Fittings
 Concrete Inserts
 1 1/4" Framing System
 1 3/16" Framing System
 Fiberglass System
 Special Metals
 PrimeAngle System
 Product Index

P2481

Pipe Support Bracket

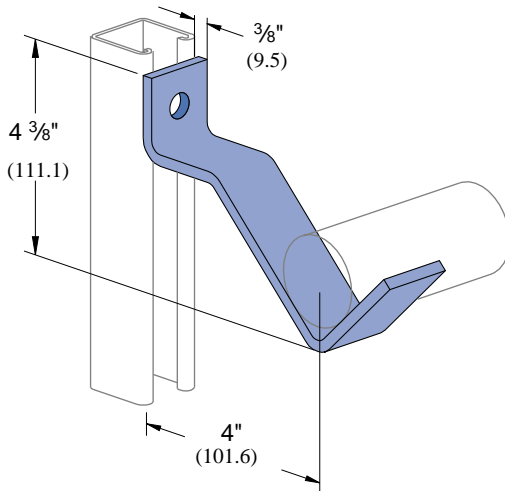


For 1/2" pipe to 1 1/2" pipe.
Design Load (Channel Upright Listed)

Wt/100 pcs Lbs (kg)	P1000 Lbs (kg)	P1100 Lbs (kg)	P2000 Lbs (kg)
90 40.8	85 38.6	85 38.6	85 38.6

P2482

Pipe Support Bracket



For 2" pipe to 3" pipe.
Design Load (Channel Upright Listed)

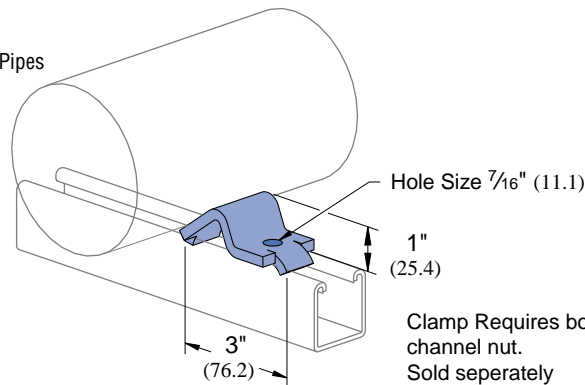
Wt/100 pcs Lbs (kg)	P1000 Lbs (kg)	P1100 Lbs (kg)	P2000 Lbs (kg)
139 63.0	185 83.9	120 54.4	95 43.1

P2243

Pipe Block

Wt/100 pcs: 40 Lbs (18.1 kg)

For 2" (50.8) to 8" (203.2) Pipes



Clamp Requires bolt and channel nut.
Sold separately

Standard Dimensions for 1 5/8" (41 mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/16" (14.3mm); Hole Spacing - From End: 13/16" (20.6 mm); Hole Spacing - On Center: 1 7/8" (47.6 mm); Width: 1 5/8" (41mm); Thickness: 1/4" (6.4mm)



Nominal Pipe Dia.	Centerline to Centerline (In/mm)																	
	¾" (19mm)			1" (25mm)			1¼" (32mm)			1½" (38mm)			2" (51mm)			2½" (64mm)		
	T	S		T	F	S	T	F	S	T	F	S	T	F	S	T	F	S
¾" T 19mm	4¾	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	121	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4½	4¾	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1" T 25mm	5	4¾	5¼	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	127	121	133	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	6	5¾	6¼	7¼	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1¼" T 32mm	5½	5	5½	6½	5	5½	-	-	-	-	-	-	-	-	-	-	-	-
	133	127	140	165	127	140	-	-	-	-	-	-	-	-	-	-	-	-
	6¼	6	6½	7½	6¼	6¼	7¼	-	-	-	-	-	-	-	-	-	-	-
1½" T 38mm	5½	5	5½	6½	5¼	5¼	6¼	6¼	5¼	5¼	-	-	-	-	-	-	-	-
	133	127	140	165	133	133	146	171	133	146	-	-	-	-	-	-	-	-
	6½	6¼	6¾	7¾	6¼	6¼	6¾	8	6½	7	8	-	-	-	-	-	-	-
2" T 51mm	5¾	5½	6	7	5½	6	7¼	5¾	6¼	7¼	5¾	6¼	6½	-	-	-	-	-
	146	140	152	178	140	152	184	146	159	184	146	165	165	-	-	-	-	-
	7	6¾	7¼	8¼	6¼	7¼	8½	7	7½	8½	7	7¼	9	-	-	-	-	-
2½" T 64mm	6	5¾	6¼	7¼	6	6½	7½	6	6½	7¼	6¼	7	7¼	8¼	6½	7¼	-	-
	152	146	159	184	152	165	191	152	165	197	159	178	178	210	165	184	-	-
	7½	7¼	7¾	8¾	7¼	7¼	9	7½	8	9	7½	8¼	9½	7¼	8¼	8¼	10	-
3" T 76mm	5½	5¼	5¾	6¾	5¼	5¼	6	5½	6	6¾	5¼	6	6¼	7½	5¼	6¼	8	6
	140	133	146	171	133	146	178	140	152	178	140	159	191	146	171	171	203	152
	7¾	7½	8	9	7½	8	9¼	7¾	8¼	9¼	7¾	8½	9¼	8	9	10¼	8¼	-
4" T 102mm	5¾	5½	6	7	5½	6	7¼	5¾	6¼	7¼	5¾	6¼	6½	7¼	6	7	8¼	6¼
	146	140	152	178	140	152	184	146	159	184	146	165	165	197	152	178	210	159
	9	8¾	9¼	10¼	8¼	9¼	10½	9	9½	10½	9	9¼	11	9¼	10¼	11½	9½	-
5" T 127mm	6¾	6½	7	8	6½	7	8¼	6¾	7¼	8¼	6¾	7¼	7½	8¼	7	8	9¼	7¼
	171	165	178	203	165	178	210	171	184	210	171	191	191	222	178	203	235	184
	9	8¾	9¼	10¼	8¼	9¼	10½	9	9½	10½	9	9¼	11	9¼	10¼	11½	9½	-
6" T 152mm	7¼	7	7½	8¼	7	7½	8¾	7¼	8¼	8¾	7¼	8¼	8	9¼	7½	8½	9¾	7¾
	184	178	191	210	178	191	222	184	197	222	184	203	203	235	191	216	248	197
	8¾	8½	9	10	8½	9	10¼	8¾	9¼	10¼	8¾	9¼	10	10¼	9	10	11¼	9¼
8" T 203mm	10	9¾	10¼	11¼	9¾	10¼	11½	10	10½	11½	10	10¾	12	10¼	11¼	11¼	12½	10½
	254	248	260	286	248	260	292	254	267	292	254	273	273	305	260	286	318	267
	7¾	7½	8	9	7½	8	9¼	7¾	8¼	9¼	7¾	8½	8	9¼	8	9	10¼	8¼
10" T 254mm	11¼	11	11½	12½	11	11½	12¾	11¼	11¾	12¾	11¼	12	13¼	11½	12½	12½	13¾	11¾
	286	279	292	318	279	292	324	286	298	324	286	305	305	337	292	318	349	298
	11¼	11	11½	12½	11	11½	12¾	11¼	11¾	12¾	11¼	12	13¼	11½	12½	12½	13¾	11¾
12" T 305mm	12¾	12	12½	13½	12	12½	13¾	12¾	12¾	13¾	12¾	13	14¼	12½	13½	13½	14¾	12¾
	311	305	318	343	305	318	349	311	324	349	311	330	362	318	343	375	324	-
	14	13¾	14¼	15¼	13¾	14¼	15½	14	14½	15½	14	14¾	16	14¼	15¼	15¼	16½	14½
	356	349	362	387	349	362	394	356	368	394	356	375	406	362	387	419	368	-

Product Index
 PrimeAngle System
 Special Metals
 Fiberglass System
 1½" Framing System
 Concrete Inserts
 Electrical Fittings
 Pipe/Conduit Supports
 General Fittings
 Nuts & Hardware
 Telesruct System
 15/8" Channel

Pipe Spacing Table

This chart, developed by Julius Getlan of Seelye Stevenson Value & Knecht, consulting engineers, New York City, enables one to quickly determine the centerline-to-centerline dimension between any two size pipes on a rack.

Select the smaller pipe size at top and select the other at the side of the table. Where the appropriate columns intersect, the dimension is given.

These factors are included in the dimensions given:

- O.D. of flanges and fittings.
- 1" insulation over flanges and fittings.
- All fractional dimensions less than 1/4" were increased to the next larger 1/4".
- Clear space between fittings as follows:
 1. 1" between piping 3" and smaller.
 2. 1 1/2" between a pipe 3" and smaller and a pipe 4" or larger.
 3. 2" between piping 4" and larger.

T – denotes threaded IPS pipe. F – denotes flanged fittings on pipe. S – denotes soldered or brazed tubing.

3" (76mm)		4" (102mm)			5" (127mm)			Centerline to Centerline (In/mm)						Nominal Pipe Dia.				
								6" (152mm)			8" (203mm)		10" (254mm)			12" (305mm)		
T	F	S	T	F	S	T	F	S	T	F	S	T	F	T	F	T	F	
7 3/4 197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T 3" 76mm
9 1/4 235	10 1/2 267	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	F
7 1/4 184	8 1/2 216	6 1/2 165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	S
9 229	10 1/4 260	8 1/4 210	10 254	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T 4" 102mm
10 1/2 267	11 3/4 298	9 3/4 248	11 1/2 292	13 330	-	-	-	-	-	-	-	-	-	-	-	-	-	F
8 1/4 210	9 1/2 241	7 1/2 191	9 1/4 235	10 3/4 273	8 1/2 216	-	-	-	-	-	-	-	-	-	-	-	-	S
9 1/2 241	10 3/4 273	8 3/4 222	10 1/4 260	12 305	9 3/4 248	11 279	-	-	-	-	-	-	-	-	-	-	-	T 5" 127mm
11 279	12 1/4 311	10 1/4 260	12 305	13 1/2 343	11 1/4 286	12 1/2 318	14 356	-	-	-	-	-	-	-	-	-	-	F
8 3/4 222	10 254	8 203	9 3/4 248	11 1/4 286	9 229	10 1/4 260	11 3/4 298	9 1/2 241	-	-	-	-	-	-	-	-	-	S
10 1/4 260	11 1/2 292	9 1/2 241	11 1/4 286	12 3/4 324	10 1/2 267	11 3/4 298	13 1/4 337	11 279	12 1/2 318	-	-	-	-	-	-	-	-	T 6" 152mm
11 1/2 292	12 1/4 311	10 3/4 273	12 1/2 318	14 356	11 3/4 298	13 330	14 1/2 368	12 1/4 311	13 3/4 337	15 381	-	-	-	-	-	-	-	F
9 1/4 235	10 1/2 267	8 1/2 216	10 1/4 260	11 3/4 298	9 1/2 241	10 3/4 273	12 1/4 311	10 254	11 1/2 292	12 3/4 324	10 1/2 267	-	-	-	-	-	-	S
11 1/4 286	12 3/4 324	10 3/4 273	12 1/2 318	14 356	11 3/4 298	13 330	14 1/2 368	12 1/4 311	13 3/4 349	15 381	12 3/4 324	14 3/4 375	-	-	-	-	-	T 8" 203mm
12 3/4 324	14 356	12 305	13 3/4 349	15 1/4 387	13 330	14 1/4 362	15 3/4 400	13 1/2 343	15 381	16 1/4 413	14 356	16 1/4 413	17.5 17.5	-	-	-	-	F
12 3/4 324	14 356	12 305	13 3/4 349	15 1/4 387	13 330	14 1/4 362	15 3/4 400	13 1/2 343	15 381	16 1/4 413	14 356	16 1/4 413	17 1/2 445	17 1/2 445	-	-	-	T 10" 254mm
14 356	15 1/4 387	13 3/4 337	15 381	16 1/2 419	14 1/4 362	15 1/2 394	17 432	14 3/4 375	16 1/4 413	17 1/2 445	15 1/4 387	17 1/2 445	18 3/4 476	18 3/4 476	20 508	-	-	F
13 3/4 349	15 381	13 330	14 3/4 375	16 1/4 413	14 356	15 1/4 387	16 3/4 425	14 1/2 368	16 406	17 1/4 438	15 381	17 1/4 438	18 1/2 470	18 1/2 470	19 3/4 502	19 1/2 495	-	T 12" 305mm
15 1/2 394	16 3/4 425	14 3/4 375	16 1/2 419	18 457	15 3/4 400	17 432	18 1/4 464	16 1/4 413	17 3/4 451	19 483	16 3/4 425	14 356	20 1/4 514	20 1/4 514	21 1/2 546	21 1/4 540	29 737	F

Channel Selection for Schedule 40 Sprinkler Pipe Trapeze Hangers

Note: Based on NFPA-13-1996 Section Modulus Table 3-10.1.7(a). Each of the following tables indicate the allowable span of the trapeze and the nominal pipe size for the specified channel. An entry of "-" indicates that the channel cannot be used for this span/pipe size combination. The table is based on a maximum allowable bending stress of 15 KSI and a midspan concentrated load from 15 ft of water-filled pipe, plus 250 lb.

Table: Schedule 10 Pipe Trapeze - P3000. Columns: Span of Trapeze (1 to 10), 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4, 5, 6, 8, 10. Rows: 1 ft. 6 in., 2 ft., 2 ft. 6 in. with metric equivalents.

Table: Schedule 10 Pipe Trapeze - P5501. Columns: Span of Trapeze (1 to 10), 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4, 5, 6, 8, 10. Rows: 5 ft., 6 ft., 7 ft., 8 ft., 9 ft., 10 ft. with metric equivalents.

Table: Schedule 10 Pipe Trapeze - P1000. Columns: Span of Trapeze (1 to 10), 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4, 5, 6, 8, 10. Rows: 1 ft. 6 in., 2 ft., 2 ft. 6 in., 3 ft. with metric equivalents.

Table: Schedule 10 Pipe Trapeze - P5500. Columns: Span of Trapeze (1 to 10), 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4, 5, 6, 8, 10. Rows: 1 ft. 6 in., 2 ft., 2 ft. 6 in., 3 ft., 4 ft., 5 ft., 6 ft., 7 ft. with metric equivalents.

Table: Schedule 10 Pipe Trapeze - P5501. Columns: Span of Trapeze (1 to 10), 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4, 5, 6, 8, 10. Rows: 5 ft., 6 ft., 7 ft., 8 ft., 9 ft., 10 ft. with metric equivalents.

Table: Schedule 10 Pipe Trapeze - P1001. Columns: Span of Trapeze (1 to 10), 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4, 5, 6, 8, 10. Rows: 2 ft. 6 in., 3 ft., 4 ft., 5 ft., 6 ft., 7 ft., 8 ft., 9 ft., 10 ft. with metric equivalents.

Table: Schedule 10 Pipe Trapeze - P5501. Columns: Span of Trapeze (1 to 10), 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4, 5, 6, 8, 10. Rows: 5 ft., 6 ft., 7 ft., 8 ft., 9 ft., 10 ft. with metric equivalents.



Electrical Metallic Tubing (EMT) - Thin Wall

Tubing Size (Nominal) In	Outside Diameter In (mm)	Inside Diameter In (mm)	Weight Of Tubing Lbs/Ft (kg/m)
3/8	0.577 14.7	0.497 12.6	0.23 0.34
1/2	0.706 17.9	0.626 15.9	0.29 0.43
3/4	0.922 23.4	0.830 21.1	0.44 0.65
1	1.163 29.5	1.055 26.8	0.64 0.95
1 1/4	1.510 38.4	1.388 35.3	0.95 1.41
1 1/2	1.740 44.2	1.618 41.1	1.10 1.64
2	2.197 55.8	2.075 52.7	1.40 2.08
2 1/2	2.875 73.0	2.731 69.4	2.30 3.42
3	3.500 88.9	3.356 85.2	2.70 4.02
3 1/2	4.000 101.6	3.834 97.4	3.40 5.06
4	4.500 114.3	4.334 110.1	4.00 5.95

Intermediate Metallic Conduit (IMC)

Conduit Size (Nominal) In	Outside Diameter In (mm)	Inside Diameter In (mm)	Weight Of Conduit Lbs/Ft (kg/m)	Weight of Conduit and Conductor Lbs/Ft (kg/m)
1/2	0.815 20.7	0.745 18.9	0.60 0.89	0.12 0.18
3/4	1.029 26.1	0.954 24.2	0.82 1.22	1.13 1.68
1	1.290 32.8	1.205 30.6	1.16 1.73	1.82 2.71
1 1/4	1.638 41.6	1.553 39.4	1.50 2.23	2.67 3.97
1 1/2	1.883 47.8	1.793 45.5	1.82 2.71	3.42 5.09
2	2.360 59.9	2.266 57.6	2.42 3.60	5.04 7.50
2 1/2	2.857 72.6	2.727 69.3	4.01 5.97	7.75 11.53
3	3.476 88.3	3.346 85.0	4.43 6.59	10.69 15.91
3 1/2	3.971 100.9	3.841 97.6	5.73 8.53	13.46 20.03
4	4.466 113.4	4.336 110.1	6.38 9.49	16.37 24.36

Copper Tube (Type L)

Nom. Tube Size	O.D. Tubing In (mm)	O.D. In (mm)	Wall Thick. In (mm)	Wt./Ft. Lbs (kg)	Wt. Water/Ft Lbs (kg)
1/4"	3/8 10	0.375 9.5	0.030 0.8	0.126 3.2	0.034 0.9
3/8"	1/2 13	0.500 12.7	0.035 0.9	0.198 5.0	0.062 1.6
1/2"	5/8 16	0.625 15.9	0.040 1.0	0.285 7.2	0.100 2.5
5/8"	3/4 19	0.750 19.1	0.042 1.1	0.362 9.2	0.151 3.8
3/4"	7/8 22	0.875 22.2	0.045 1.1	0.455 11.6	0.209 5.3
1"	1 1/8 29	1.125 28.6	0.050 1.3	0.655 16.6	0.357 9.1
1 1/4"	1 3/8 35	1.375 34.9	0.055 1.4	0.884 22.5	0.546 13.9
1 1/2"	1 5/8 41	1.625 41.3	0.060 1.5	1.140 29.0	0.767 19.5
2"	2 1/8 54	2.125 54.0	0.070 1.8	1.750 44.5	1.341 34.1
2 1/2"	2 5/8 67	2.625 66.7	0.080 2.0	2.480 63.0	2.064 52.4
3"	3 1/8 79	3.125 79.4	0.090 2.3	3.330 84.6	2.949 74.9
3 1/2"	3 5/8 92	3.625 92.1	0.100 2.5	4.290 109.0	3.989 101.3
4"	4 1/8 105	4.125 104.8	0.110 2.8	5.380 136.7	5.188 131.8
5"	5 1/8 130	5.125 130.2	0.125 3.2	7.610 193.3	8.081 205.3
6"	6 1/8 156	6.125 155.6	0.140 3.6	10.200 259.1	11.616 295.0
8"	8 1/8 206	8.125 206.4	0.200 5.1	19.290 490.0	20.289 515.3
10"	10 1/8 257	10.125 257.2	0.250 6.4	30.100 764.5	31.590 802.4
12"	12 1/8 308	12.125 308.0	0.280 7.1	40.400 1,026.2	45.426 1,153.8

Copper Tube (Type K)

Nom. Tube Size	O.D. Tubing In (mm)	O.D. In (mm)	Wall Thick. In (mm)	Wt./Ft. Lbs (kg)	Wt. Water/Ft Lbs (kg)
1/4"	3/8 10	0.375 9.53	0.035 0.89	0.145 3.68	0.032 0.81
3/8"	1/2 13	0.500 12.70	0.005 0.13	0.269 6.83	0.055 1.40
1/2"	5/8 16	0.625 15.88	0.049 1.24	0.344 8.74	0.094 2.39
5/8"	3/4 19	0.750 19.05	0.049 1.24	0.418 10.62	0.144 3.66
3/4"	7/8 22	0.875 22.23	0.065 1.65	0.641 16.28	0.188 4.78
1"	1 1/8 29	1.125 28.58	0.065 1.65	0.839 21.31	0.337 8.56
1 1/4"	1 3/8 35	1.375 34.93	0.065 1.65	1.040 26.42	0.527 13.39
1 1/2"	1 5/8 41	1.625 41.28	0.072 1.83	1.360 34.54	0.743 18.87
2"	2 1/8 54	2.125 53.98	0.083 2.11	2.060 52.32	1.310 33.27
2 1/2"	2 5/8 67	2.625 66.68	0.095 2.41	2.920 74.17	2.000 50.80
3"	3 1/8 79	3.125 79.38	0.109 2.77	4.000 101.60	2.960 75.18
3 1/2"	3 5/8 92	3.625 92.08	0.120 3.05	5.120 130.05	3.900 99.06
4"	4 1/8 105	4.125 104.78	0.134 3.40	6.510 165.35	5.060 128.52
5"	5 1/8 130	5.125 130.18	0.160 4.06	9.670 245.62	8.000 203.20
6"	6 1/8 156	6.125 155.58	0.192 4.88	13.870 352.30	11.200 284.48
8"	8 1/8 206	8.125 206.38	0.271 6.88	25.900 657.86	19.500 495.30
10"	10 1/8 257	10.125 257.18	0.338 8.59	40.300 1,023.62	30.423 772.74
12"	12 1/8 308	12.125 307.98	0.405 10.29	57.800 1,468.12	43.675 1,109.35

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Rigid Steel (Heavy Duty) Conduit

Conduit Size (Nominal) In	I. D. Of Conduit In (mm)	O. D. Of Conduit In (mm)	O. D. Of Coupling In (mm)	Maximum Weight* Of Conduit And Conductor Lead Covered		
				Weight of Conduit Lbs/Ft (kg/m)	Not Lead Covered Lbs/Ft (kg/m)	Lead Covered Lbs/Ft (kg/m)
1/2	0.622 15.8	0.840 21.3	1.063 27.0	0.85 1.26	1.20 1.79	1.00 1.49
3/4	0.824 20.9	1.050 26.7	1.297 32.9	1.13 1.68	1.80 2.68	1.40 2.08
1	1.049 26.6	1.315 33.4	1.563 39.7	1.68 2.50	2.60 3.87	2.30 3.42
1 1/4	1.380 35.1	1.660 42.2	1.969 50.0	2.28 3.39	4.30 6.40	3.60 5.36
1 1/2	1.610 40.9	1.900 48.3	2.234 56.7	2.73 4.06	5.90 8.78	4.50 6.70
2	2.067 52.5	2.375 60.3	2.719 69.1	3.68 5.48	8.50 12.65	7.20 10.71
2 1/2	2.469 62.7	2.875 73.0	3.313 84.2	5.82 8.66	11.50 17.11	10.20 15.18
3	3.068 77.9	3.500 88.9	3.938 100.0	7.62 11.34	16.50 24.55	14.50 21.58
3 1/2	3.548 90.1	4.000 101.6	4.438 112.7	9.20 13.69	19.00 28.28	17.50 26.04
4	4.026 102.3	4.500 114.3	4.938 125.4	10.89 16.21	24.80 36.91	21.50 32.00
5	5.047 128.2	5.563 141.3	6.296 159.9	14.81 22.04	35.90 53.43	30.80 45.84
6	6.065 154.1	6.625 168.3	7.358 186.9	19.19 28.56	50.70 75.45	43.40 64.59

Nominal Pipe Size In	Max. Span Ft (m)	Nominal Pipe Size In	Max. Span Ft (m)
1	7 2.13	8	19 5.79
1 1/2	9 2.74	10	22 6.71
2	10 3.05	12	23 7.01
2 1/2	11 3.35	14	25 7.62
3	12 3.66	16	27 8.23
3 1/2	13 3.96	18	28 8.53
4	14 4.27	20	30 9.14
5	16 4.88	24	32 9.75

The above spacing based on a combined bending and shear stress of 1500 PSI when pipe is filled with water and the pitch of the line is such that a sag of 0.1 in. between supports is permissible.

* Maximum weight equals weight of rigid conduit plus weight of heaviest conductor combination (from the National Electrical Code Handbook.)

Conduit Supports

346-12. Supports. Rigid metal conduit shall be installed as a complete system as provided in Article 300 and shall be securely fastened in place. Conduit shall be firmly fastened within 3 feet (914 mm) of each outlet box, junction box, cabinet, or fitting. Conduit shall be supported at least every 10 feet (3.05 m).

Exception: If made up with threaded couplings, it shall be permissible to support straight runs of rigid metal conduit in accordance with Table 346-12, provided such supports prevent transmission of stresses to termination where conduit is deflected between supports.

Table 346-12
Support for Rigid Metal Conduit

Conduit Size In (mm)	Maximum Distance Between Supports Ft (m)
1/2-3/4 12.7 - 19.1	10 3.05
1 25.4	12 3.66
1 1/4- 1 1/2 31.8 - 38.1	14 4.27
2- 2 1/2 50.8 - 63.5	16 4.88
3 & larger 76.2 - Larger	20 6.10

Schedule 40: PVC Plastic Pipe

Pipe Size (Nominal) In	Outside Diameter In (mm)	Inside Diameter In (mm)	Pipe Weight Lbs/Ft (kg/m)	Pipe and Water Weight Lbs/Ft (kg/m)
1/4	0.540 13.7	0.354 9.0	0.081 0.12	0.12 0.18
3/8	0.675 17.1	0.483 12.3	0.109 0.16	0.19 0.28
1/2	0.840 21.3	0.608 15.4	0.161 0.24	0.29 0.43
3/4	1.050 26.7	0.810 20.6	0.214 0.32	0.44 0.65
1	1.315 33.4	1.033 26.2	0.315 0.47	0.68 1.01
1 1/4	1.660 42.2	1.364 34.6	0.426 0.63	1.06 1.58
1 1/2	1.900 48.3	1.592 40.4	0.509 0.76	1.37 2.04
2	2.375 60.3	2.049 52.0	0.682 1.01	2.11 3.14
2 1/2	2.875 73.0	2.445 62.1	1.076 1.60	3.11 4.63
3	3.500 88.9	3.042 77.3	1.409 2.10	4.55 6.77
4	4.500 114.3	3.998 101.5	2.006 2.99	7.44 11.07
6	6.625 168.3	6.031 153.2	3.535 5.26	15.90 23.66
8	8.625 219.1	7.943 201.8	5.305 7.89	26.75 39.81
10	10.750 273.1	9.976 253.4	7.532 11.21	41.35 61.54



Data for Schedule Steel Pipe

Nom. Size In	Pipe Schedule	Outside Dia. In(mm)	Inside Dia. In (mm)	Pipe Weight Lbs/Ft (kg/m)	Pipe and Water Weight Lbs/Ft (kg/m)
1/8	40	0.405 10.3	0.269 6.8	0.24 0.11	0.27 0.12
	80	0.405 10.3	0.215 5.5	0.31 0.14	0.33 0.15
1/4	40	0.540 13.7	0.364 9.2	0.42 0.19	0.47 0.21
	80	0.540 13.7	0.302 7.7	0.53 0.24	0.57 0.26
3/8	40	0.675 17.1	0.493 12.5	0.57 0.26	0.65 0.29
	80	0.675 17.1	0.423 10.7	0.74 0.33	0.80 0.36
1/2	40	0.840 21.3	0.622 15.8	0.85 0.39	0.98 0.45
	80	0.840 21.3	0.546 13.9	1.09 0.49	1.19 0.54
	160	0.840 21.3	0.464 11.8	1.31 0.59	1.38 0.63
3/4	40	1.050 26.7	0.824 20.9	1.13 0.51	1.36 0.62
	80	1.050 26.7	0.742 18.8	1.47 0.67	1.66 0.75
	160	1.050 26.7	0.612 15.5	1.94 0.88	2.07 0.94
1	40	1.315 33.4	1.049 26.6	1.68 0.76	2.05 0.93
	80	1.315 33.4	0.957 24.3	2.17 0.98	2.48 1.13
	160	1.315 33.4	0.815 20.7	2.84 1.29	3.07 1.39
1 1/4	40	1.660 42.2	1.380 35.1	2.27 1.03	2.92 1.32
	80	1.660 42.2	1.278 32.5	2.99 1.36	3.55 1.61
	160	1.660 42.2	1.160 29.5	3.76 1.71	4.22 1.91
1 1/2	40	1.900 48.3	1.610 40.9	2.71 1.23	3.60 1.63
	80	1.900 48.3	1.500 38.1	3.63 1.65	4.39 1.99
	160	1.900 48.3	1.338 34.0	4.85 2.20	5.46 2.48
2	40	2.375 60.3	2.067 52.5	3.65 1.66	5.10 2.32
	80	2.375 60.3	1.939 49.3	5.02 2.28	6.30 2.86
	160	2.375 60.3	1.687 42.8	7.45 3.38	8.42 3.82
2 1/2	40	2.875 73.0	2.469 62.7	5.79 2.62	7.86 3.57
	80	2.875 73.0	2.323 59.0	7.65 3.47	9.49 4.30
	160	2.875 73.0	2.125 54.0	10.00 4.54	11.54 5.23
3	40	3.500 88.9	3.068 77.9	7.57 3.43	10.77 4.89
	80	3.500 88.9	2.900 73.7	10.24 4.65	13.11 5.94
	160	3.500 88.9	2.624 66.6	14.31 6.49	16.65 7.55
3 1/2	40	4.000 101.6	3.548 90.1	9.10 4.13	13.39 6.07
	80	4.000 101.6	3.364 85.4	12.49 5.67	16.35 7.41

Nom. Size In	Pipe Schedule	Outside Dia. In(mm)	Inside Dia. In (mm)	Pipe Weight Lbs/Ft (kg/m)	Pipe and Water Weight Lbs/Ft (kg/m)
4	40	4.500 114.3	4.026 102.3	10.78 4.89	16.30 7.39
	80	4.500 114.3	3.826 97.2	14.97 6.79	19.95 9.05
	120	4.500 114.3	3.624 92.0	18.98 8.61	23.45 10.64
5	40	5.563 141.3	5.047 128.2	14.60 6.62	23.27 10.56
	80	5.563 141.3	4.813 122.2	20.75 9.41	28.64 12.99
	120	5.563 141.3	4.563 115.9	27.01 12.25	34.09 15.46
6	40	6.625 168.3	6.065 154.1	18.95 8.60	31.48 14.28
	80	6.625 168.3	5.761 146.3	28.54 12.95	39.84 18.07
	120	6.625 168.3	5.501 139.7	36.35 16.49	46.66 21.16
8	40	8.625 219.1	7.981 202.7	50.89 23.09	69.73 31.63
	80	8.625 219.1	7.437 188.9	58.99 26.82	78.23 35.49
	120	8.625 219.1	7.187 182.5	60.65 27.51	78.23 35.49
10	40	10.750 273.1	9.913 249.7	74.61 33.84	90.42 41.01
	80	10.750 273.1	9.562 242.9	84.36 38.24	106.47 48.30
	120	10.750 273.1	9.312 236.5	89.20 40.46	117.16 53.14
12	40	12.750 323.9	11.813 295.7	104.02 47.18	130.09 59.01
	80	12.750 323.9	11.462 289.9	115.52 52.40	140.13 63.56
	120	12.750 323.9	11.212 284.1	115.52 52.40	140.13 63.56

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