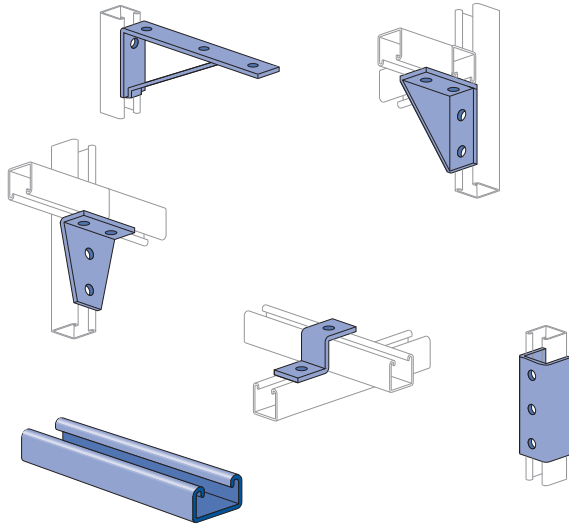




13/16" FRAMING SYSTEM



P6000 (19 Gauge)	183-184
P7000 (19 Gauge)	185-186
Channel Nuts and Closure Strips	187
Flat Plate Fittings	187-188
Ninety Degree Fittings.....	188
Angular Fittings	189-190
"Z" Shape Fittings	190
"U" Shape Fittings	190-191
Special Application Fittings.....	191
Beam Clamps.....	192
Tubing Clips	192

MATERIAL

Channels are accurately and carefully cold formed to size from low-carbon strip steel.

STEEL: PLAIN

19 Gauge (1.0 mm) ASTM A1008

STEEL: PRE-GALVANIZED

19 Gauge (1.0 mm) ASTM A653 GR 33

All nuts are manufactured from mild steel bars conforming to ASTM A1011 SS Grade 33.

Fittings are made from hot rolled, pickled and oiled steel plate or strip and conform to ASTM A1011 SS GR 33.

FINISHES

Channels are available in: Perma-Green III (GR), electro-galvanized (EG), Pre-galvanized (PG), conforming to ASTM A653 GR 33 and plain (PL).

Nuts are available in plain or electro-galvanized (EG) finish.

Fittings are available in Perma-Green III, electrogalvanized (EG) with zinc electrolytically to commercial standards ASTM B653-G90 Type III SC1; or plain (PL).

STANDARD LENGTHS

P-6000 – 16 Feet (4.88m)

P-7000 – 10 Feet (3.05m)

Tolerances are +1/8" (3.2 mm) to +1/2" (12.7 mm) to allow for cutting. Special lengths are available for a small cutting charge with a tolerance of ±1/8" (3.2mm).

APPLICATION

A unique half-size reduction of the 1 1/8" channel width series, this smaller channel size can be used to carry light loads economically in applications such as instrumentation, retail displays and light-duty laboratory supports. It also provides the flexibility found in all Unistrut® framing systems.

DESIGN BOLT TORQUE

BOLT SIZE	1/4"-20	Rec. Torque Ft/Lbs (N•m)	6 (8)	Max Torque Ft/Lbs (N•m)	7 (9)
-----------	---------	-----------------------------	----------	----------------------------	----------

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.

LOAD DATA

All beam and column load data pertains to carbon steel and stainless steel channels. Load tables and charts are constructed to be in accordance with the SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS 2007 EDITION published by the AMERICAN IRON AND STEEL INSTITUTE USING ASD METHOD. Loads are based on 33 ksi steel cold formed to 42 ksi.

Type of Load	Safety Factor to Yield Strength	Safety Factor to Ultimate Strength
Beam Loads	1.67	2.0
Column Load	1.80	2.2



1 1/2" System

1 1/4" System

13/16" System

Fiberglass System

Special Metals

Prime Angle

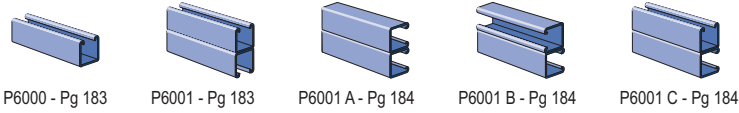
Metal Grating

Roofwalk

Index

P6000 Series

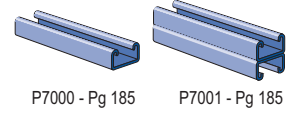
13/16"
13/16" x 13/16"
19 Ga.



P6000 - Pg 183 P6001 - Pg 183 P6001 A - Pg 184 P6001 B - Pg 184 P6001 C - Pg 184

P7000 Series

13/16" x 13/32"
19 Ga.



P7000 - Pg 185 P7001 - Pg 185

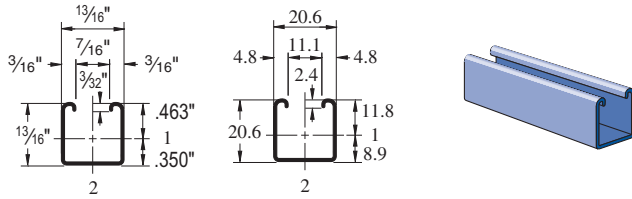
Channel Nuts & Closures

13/16" Series Fittings



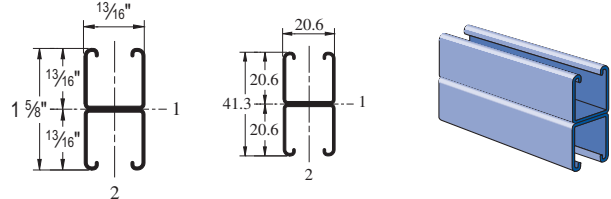
P6006-0832 - Pg 187 P7006-0832 - Pg 187 P6280 - Pg 187 P7280 - Pg 187 P6184P - Pg 187 P6062 - Pg 187 P6065 - Pg 187 P6924 - Pg 187 P7325 - Pg 187
 P7324 - Pg 187 P6925 - Pg 187 P6066 - Pg 187 P6067 - Pg 187 P6962 - Pg 187 P6356 A - Pg 187 P6358 A - Pg 187 P6726 A - Pg 188 P6334 - Pg 188 P6380 - Pg 188
 P6036 - Pg 188 P6380 A - Pg 188 P6031 - Pg 188 P6028 - Pg 188 P6026 - Pg 188 P6068 - Pg 188 P6281 - Pg 188 P6069 - Pg 188 P6326 - Pg 188 P6346 - Pg 188
 P6458 - Pg 188 P6325 - Pg 188 P6033 - Pg 188 P6037 - Pg 189 P6038 - Pg 189 P6357 - Pg 189 P6359-Pg 189 P6579-Pg 189 P6728-Pg 189 P6917-Pg 189 P6918-Pg 189
 P7235-Pg 189 P6130-Pg 189 P6290-Pg 189 P6291-Pg 189 P6381-Pg 189 P6382-Pg 189 P6887-Pg 189 P6331-Pg 189 P6332-Pg 190 P6546-Pg 190 P6186-Pg 190 P6045-Pg 190
 P7045-Pg 190 P6347-Pg 190 P7347-Pg 190 P6453-Pg 190 P6454-Pg 190 P6758-Pg 190 P7758-Pg 190 P6047-Pg 190 P6737-Pg 190 P6048-Pg 190 P7048-Pg 191
 P6376-Pg 191 P7376-Pg 191 P6376 A-Pg 191 P7376 A-Pg 191 P6377-Pg 191 P7377-Pg 191 P6044-Pg 191 P6455-Pg 191 P6973-Pg 191 P6349-Pg 191
 P6353-Pg 191 P6127-Pg 191 P6379 S-Pg 192 P6386-Pg 192 P6805-Pg 192 P7008-Pg 192

P6000



Wt/100 Ft: 36 Lbs (54 kg/100 m)
 Allowable Moment 510 In-Lbs (60 N•m)
 19 Gauge Nominal Thickness .040" (1.0 mm)

P6001



Wt/100 Ft: 73 Lbs (108 kg/100 m)
 Allowable Moment 1,390 In-Lbs (160 N•m)
 19 Gauge Nominal Thickness .040" (1.0 mm)

P6000 - BEAM LOADING

Span In	Max Allowable Uniform Load Lbs	Defl. at Uniform Load In	Uniform Loading at Deflection		
			Span/180 Lbs	Span/240 Lbs	Span/360 Lbs
18	230	0.06	230	230	180
24	170	0.11	170	150	100
30	140	0.18	130	100	70
36	110	0.24	90	70	50
42	100	0.35	70	50	30
48	80	0.42	50	40	30
54	80	0.60	40	30	20
60	70	0.72	30	20	20
66	60	0.82	30	20	10
72	60	1.06	20	20	10

P6001 - BEAM LOADING

Span In	Max Allowable Uniform Load Lbs	Defl. at Uniform Load In	Uniform Loading at Deflection		
			Span/180 Lbs	Span/240 Lbs	Span/360 Lbs
18	620	0.04	620	620	620
24	460	0.06	460	460	460
30	370	0.10	370	370	320
36	310	0.14	310	310	220
42	270	0.20	270	240	160
48	230	0.25	230	180	120
54	210	0.32	190	150	100
60	190	0.40	160	120	80
66	170	0.48	130	100	70
72	150	0.55	110	80	50

P6000 - COLUMN LOADING

Unbraced Height In	Maximum Allowable Load at Slot Face Lbs	Maximum Column Load Applied at C.G.			
		K = 0.65 Lbs	K = 0.80 Lbs	K = 1.0 Lbs	K = 1.2 Lbs
18	600	1,660	1,400	1,100	860
24	490	1,300	1,010	740	590
30	420	990	740	560	450
36	340	770	590	450	370
42	300	630	490	380	310
48	260	540	420	330	270
54	240	470	370	290	**
60	210	410	330	**	**
66	210	370	300	**	**
72	180	340	270	**	**

P6001 - COLUMN LOADING

Unbraced Height In	Maximum Allowable Load at Slot Face Lbs	Maximum Column Load Applied at C.G.			
		K = 0.65 Lbs	K = 0.80 Lbs	K = 1.0 Lbs	K = 1.2 Lbs
18	1,210	4,320	4,080	3,770	3,500
24	1,170	3,980	3,680	3,330	3,060
30	1,130	3,650	3,330	3,000	2,460
36	1,070	3,370	3,060	2,460	1,800
42	1,020	3,140	2,690	1,900	1,320
48	900	2,930	2,230	1,460	1,010
54	820	2,550	1,800	1,150	800
60	700	2,180	1,460	930	**
66	700	1,830	1,210	770	**
72	550	1,530	1,010	**	**

P6000 & P6001 - ELEMENTS OF SECTION

Parameter	P6000		P6001	
Area of Section	0.107	In ²	0.213	In ²
Axis 1-1				
Moment of Inertia (I)	0.009	In ⁴	0.045	In ⁴
Section Modulus (S)	0.020	In ³	0.055	In ³
Radius of Gyration (r)	0.295	In	0.460	In
Axis 2-2				
Moment of Inertia (I)	0.012	In ⁴	0.024	In ⁴
Section Modulus (S)	0.029	In ³	0.058	In ³
Radius of Gyration (r)	0.333	In	0.333	In

Notes:

* Load limited by spot weld shear.

** KL/r > 200

NR = Not Recommended.

1. Beam loads are given in total uniform load (W Lbs) not uniform load (w lbs/ft or w lbs/in).
2. Beam loads are based on a simple span and assumed to be adequately laterally braced. Unbraced spans can reduce beam load carrying capacity. Refer to Page 186 for reduction factors for unbraced lengths.
3. Deduct channel weight from the beam loads.
4. For concentrated midspan point loads, multiply beam loads by 50% and the corresponding deflection by 80%. For other load conditions refer to page 18.
5. All beam loads are for bending about Axis 1-1.



1 1/2" System
 1 1/4" System
 13/16" System
 Fiberglass System
 Special Metals
 Prime Angle
 Metal Grating
 Roofwalk
 Index

P6000 - BEAM LOADING (METRIC)

Span mm	Max Allowable Uniform Load kN	Defl. at Uniform Load mm	Uniform Loading at Deflection		
			Span/180 kN	Span/240 kN	Span/360 kN
300	1.5	1	1.5	1.5	1.5
450	1.0	2	1.0	1.0	0.8
600	0.8	3	0.8	0.7	0.5
750	0.6	4	0.6	0.4	0.3
1,000	0.4	7	0.4	0.3	0.2
1,250	0.4	11	0.2	0.2	0.1
1,500	0.3	17	0.1	0.1	0.1
1,750	0.3	24	0.1	0.1	0.0

P6001 - BEAM LOADING (METRIC)

Span mm	Max Allowable Uniform Load kN	Defl. at Uniform Load mm	Uniform Loading at Deflection		
			Span/180 kN	Span/240 kN	Span/360 kN
300	2.9*	0	2.9*	2.9*	2.9*
450	2.8	1	2.8	2.8	2.8
600	2.1	2	2.1	2.1	2.1
750	1.7	2	1.7	1.7	1.5
1,000	1.2	4	1.2	1.2	0.8
1,250	1.0	7	1.0	0.8	0.5
1,500	0.8	10	0.7	0.5	0.4
1,750	0.7	13	0.5	0.4	0.3
2,000	0.6	17	0.4	0.3	0.2

P6000 - COLUMN LOADING (METRIC)

Unbraced Height mm	Maximum Allowable Load at Slot Face kN	Maximum Column Load Applied at C.G.			
		K = 0.65 kN	K = 0.80 kN	K = 1.0 kN	K = 1.2 kN
300	3.1	9.2	8.4	7.3	6.3
450	2.7	7.5	6.3	5.0	3.9
600	2.2	5.9	4.6	3.4	2.7
750	1.8	4.5	3.4	2.5	2.0
1,000	1.4	3.0	2.4	1.8	1.5
1,250	1.1	2.3	1.8	1.4	1.2
1,500	0.9	1.9	1.5	1.2	**
1,750	0.8	1.6	1.2	**	**

P6001 - COLUMN LOADING (METRIC)

Unbraced Height mm	Maximum Allowable Load at Slot Face kN	Maximum Column Load Applied at C.G.			
		K = 0.65 kgN	K = 0.80 kN	K = 1.0 kN	K = 1.2 kN
300	5.5	20.7	20.1	19.2	18.2
450	5.4	19.3	18.2	16.9	15.7
600	5.2	17.8	16.5	14.9	13.7
750	5.0	16.4	14.9	13.5	11.2
1,000	4.6	14.4	12.9	9.5	6.7
1,250	3.9	12.7	9.5	6.2	4.3
1,500	3.2	9.9	6.7	4.3	**
1,750	2.6	7.5	4.9	**	**
2,000	2.2	5.7	3.8	**	**

P6000 & P6001 - ELEMENTS OF SECTION (METRIC)

Parameter	P6000	P6001
Area of Section	0.69 cm ²	1.38 cm ²
Axis 1-1		
Moment of Inertia (I)	0.39 cm ⁴	1.88 cm ⁴
Section Modulus (S)	0.33 cm ³	0.91 cm ³
Radius of Gyration (r)	0.75 cm	1.17 cm
Axis 2-2		
Moment of Inertia (I)	0.49 cm ⁴	0.99 cm ⁴
Section Modulus (S)	0.48 cm ³	0.96 cm ³
Radius of Gyration (r)	0.85 cm	0.85 cm

Notes:

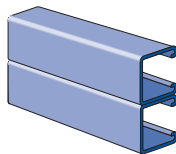
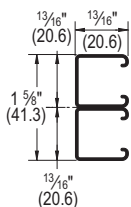
* Load limited by spot weld shear.

** KL/r > 200

NR = Not Recommended.

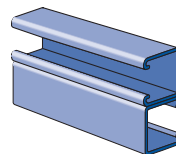
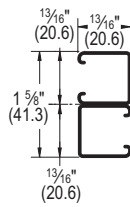
1. Beam loads are given in total uniform load (W Lbs) not uniform load (w lbs/ft or w lbs/in).
2. Beam loads are based on a simple span and assumed to be adequately laterally braced. Unbraced spans can reduce beam load carrying capacity. Refer to Page 186 for reduction factors for unbraced lengths.
3. Deduct channel weight from the beam loads.
4. For concentrated midspan point loads, multiply beam loads by 50% and the corresponding deflection by 80%. For other load conditions refer to page 18.
5. All beam loads are for bending about Axis 1-1.

P6001A



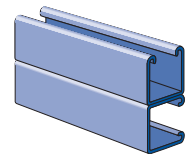
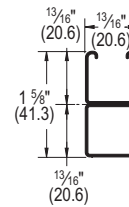
Wt/100 Ft: 73 Lbs (108 kg/100 m)
 Allowable Moment 1,820 In-Lbs (210 N*m)
 19 Gauge Nominal Thickness .040" (1.0 mm)

P6001B



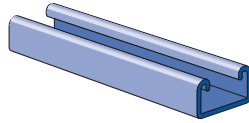
Wt/100 Ft: 73 Lbs (108 kg/100 m)
 Allowable Moment 1,820 In-Lbs (210 N*m)
 19 Gauge Nominal Thickness .040" (1.0 mm)

P6001C

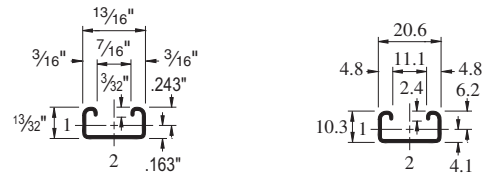


Wt/100 Ft: 73 Lbs (108 kg/100 m)
 Allowable Moment 1,550 In-Lbs (180 N*m)
 19 Gauge Nominal Thickness .040" (1.0 mm)

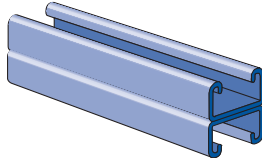
P7000



Wt/100 Ft: 25 Lbs (38 kg/100m)
 Allowable Moment 170 In-Lbs (20 N·m)
 19 Gauge Nominal Thickness .040" (1.0 mm)



P7001



Wt/100 Ft: 50 Lbs (75 kg/100m)
 Allowable Moment 450 In-Lbs (50 N·m)
 19 Gauge Nominal Thickness .040" (1.0 mm)



P7000 - BEAM LOADING

Span In	Max Allowable Uniform Load Lbs	Defl. at Uniform Load In	Uniform Loading at Deflection		
			Span/180 Lbs	Span/240 Lbs	Span/360 Lbs
18	80	0.12	60	50	30
24	60	0.22	40	30	20
30	50	0.36	20	20	10
36	40	0.50	20	10	10

P7001 - BEAM LOADING

Span In	Max Allowable Uniform Load Lbs	Defl. at Uniform Load In	Uniform Loading at Deflection		
			Span/180 Lbs	Span/240 Lbs	Span/360 Lbs
18	200	0.07	200	200	140
24	150	0.12	150	120	80
30	120	0.19	100	80	50
36	100	0.28	70	50	40
42	90	0.40	50	40	30
48	80	0.53	40	30	20

P7000 - COLUMN LOADING

Unbraced Height In	Maximum Allowable Load at Slot Face Lbs	Maximum Column Load Applied at C.G.			
		K = 0.65 Lbs	K = 0.80 Lbs	K = 1.0 Lbs	K = 1.2 Lbs
18	420	1,200	990	720	510
24	330	900	640	410	280
30	260	620	410	**	**
36	200	430	280	**	**

P7001 - COLUMN LOADING

Unbraced Height In	Maximum Allowable Load at Slot Face Lbs	Maximum Column Load Applied at C.G.			
		K = 0.65 Lbs	K = 0.80 Lbs	K = 1.0 Lbs	K = 1.2 Lbs
18	790	2,930	2,690	2,330	1,960
24	740	2,570	2,210	1,720	1,260
30	680	2,180	1,720	1,160	800
36	580	1,780	1,260	800	560
42	500	1,400	920	590	**
48	420	1,070	710	**	**
54	360	850	560	**	**

P7000 & P7001 - ELEMENTS OF SECTION

Parameter	P7000		P7001	
Area of Section	0.074	In ²	0.148	In ²
Axis 1-1				
Moment of Inertia (I)	0.002	In ⁴	0.007	In ⁴
Section Modulus (S)	0.007	In ³	0.018	In ³
Radius of Gyration (r)	0.150	In	0.222	In
Axis 2-2				
Moment of Inertia (I)	0.007	In ⁴	0.014	In ⁴
Section Modulus (S)	0.017	In ³	0.034	In ³
Radius of Gyration (r)	0.307	In	0.307	In

Notes:

* Load limited by spot weld shear.

** KL/r > 200

NR = Not Recommended.

1. Beam loads are given in *total* uniform load (W Lbs) not uniform load (w lbs/ft or w lbs/in).
2. Beam loads are based on a simple span and assumed to be adequately laterally braced. Unbraced spans can reduce beam load carrying capacity. Refer to Page 186 for reduction factors for unbraced lengths.
3. Deduct channel weight from the beam loads.
4. For concentrated midspan point loads, multiply beam loads by 50% and the corresponding deflection by 80%. For other load conditions refer to page 18.
5. All beam loads are for bending about Axis 1-1.



1/2" System

1/4" System

13/16" System

Fiberglass System

Special Metals

Prime Angle

Metal Grating

Roofwalk

Index

P7000 - BEAM LOADING (METRIC)

Span mm	Max Allowable Uniform Load kN	Defl. at Uniform Load mm	Uniform Loading at Deflection		
			Span/180 kN	Span/240 kN	Span/360 kN
300	0.5	1	0.5	0.5	0.4
450	0.4	3	0.3	0.2	0.1
600	0.3	5	0.2	0.1	0.1
750	0.2	9	0.1	0.1	0.0
1,000	0.2	16	0.0	0.0	0.0
1,250	0.1	24	0.0	0.0	NR
1,500	0.1	28	0.0	NR	NR

P7001 - BEAM LOADING (METRIC)

Span mm	Max Allowable Uniform Load kN	Defl. at Uniform Load mm	Uniform Loading at Deflection		
			Span/180 kN	Span/240 kN	Span/360 kN
300	1.4	1	1.4	1.4	1.4
450	0.9	2	0.9	0.9	0.7
600	0.7	3	0.7	0.5	0.4
750	0.5	5	0.5	0.4	0.2
1,000	0.4	8	0.3	0.2	0.1
1,250	0.3	13	0.2	0.1	0.1
1,500	0.3	19	0.1	0.1	NR

P7000 - COLUMN LOADING (METRIC)

Unbraced Height mm	Maximum Allowable Load at Slot Face kN	Maximum Column Load Applied at C.G.			
		K = 0.65 kN	K = 0.80 kN	K = 1.0 kN	K = 1.2 kN
300	2.1	6.4	6.0	5.3	4.5
450	1.9	5.4	4.5	3.3	2.3
600	1.5	4.1	2.9	1.9	1.3
750	1.2	2.8	1.9	1.2	**

P7001 - COLUMN LOADING (METRIC)

Unbraced Height mm	Maximum Allowable Load at Slot Face kN	Maximum Column Load Applied at C.G.			
		K = 0.65 kN	K = 0.80 kN	K = 1.0 kN	K = 1.2 kN
300	3.6	14.0	13.6	13.0	12.1
450	3.5	13.1	12.1	10.5	8.9
600	3.3	11.6	10.0	7.8	5.8
750	3.0	9.8	7.8	5.3	3.7
1,000	2.4	6.9	4.7	3.0	**
1,250	1.8	4.5	3.0	**	**

P7000 & P7001 - ELEMENTS OF SECTION (METRIC)

Parameter	P7000	P7001
Area of Section	0.48 cm ²	0.96 cm ²
Axis 1-1		
Moment of Inertia (I)	0.07 cm ⁴	0.31 cm ⁴
Section Modulus (S)	0.11 cm ³	0.30 cm ³
Radius of Gyration (r)	0.38 cm	0.57 cm
Axis 2-2		
Moment of Inertia (I)	0.29 cm ⁴	0.58 cm ⁴
Section Modulus (S)	0.28 cm ³	0.56 cm ³
Radius of Gyration (r)	0.78 cm	0.78 cm

Notes:

* Load limited by spot weld shear.

** KL/r > 200

NR = Not Recommended.

- Beam loads are given in total uniform load (W Lbs) not uniform load (w lbs/ft or w lbs/in).
- Beam loads are based on a simple span and assumed to be adequately laterally braced. Unbraced spans can reduce beam load carrying capacity. Refer to Page 186 for reduction factors for unbraced lengths.
- Deduct channel weight from the beam loads.
- For concentrated midspan point loads, multiply beam loads by 50% and the corresponding deflection by 80%. For other load conditions refer to page 18.
- All beam loads are for bending about Axis 1-1.

BEARING LOADS ON UNISTRUT CHANNEL

Channel	Bearing Length 1 ³ / ₁₆ " (20.6 mm) Maximum Allowable Loads - Lbs (kN)	Bearing Length 1 ³ / ₁₆ " (20.6 mm) Maximum Allowable Loads - Lbs (kN)	Bearing Length 1 ⁵ / ₁₆ " (41.3 mm) Maximum Allowable Loads - Lbs (kN)
P6000	1,000 (4.45)	500 (2.22)	1,200 (5.34)
P7000	1,000 (4.45)	500 (2.22)	1,200 (5.34)

LATERAL BRACING LOAD REDUCTION CHARTS

Span In. (cm)	Single Channel		Double Channel	
	P6000	P7000	P6001	P7001
24 (61)	0.80	0.95	0.99	1.00
36 (91)	0.63	0.90	0.89	0.93
48 (122)	0.52	0.87	0.79	0.86
60 (152)	0.45	0.83	0.70	0.80
72 (183)	0.40	0.80	0.60	0.73
84 (213)	0.37	0.76	0.51	0.67
96 (244)	0.34	0.73	0.44	0.60

MAXIMUM ALLOWABLE PULL-OUT AND SLIP LOADS

Nut Size/Thread	Max. Allowable Pull-Out Lbs (kN)	Resistance to Slip Lbs (kN)	Torque Ft-Lbs (N·m)
1/4"-20	250 1.11	150 0.67	6 8

P6006-0832 THRU P6006-1420
CHANNEL NUT W/SPRING



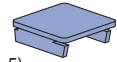
Part Number	Thread Size In	Wt/100 pcs Lbs (kg)
P6006-0836	#8 - 36	1 (0.5)
P6006-0832	#8 - 32	1 (0.5)
P6006-1032	#10 - 32	1 (0.5)
P6006-1024	#10 - 24	1 (0.5)
P6006-1420	1/4" - 20	1 (0.5)

P7006-0832 THRU P7006-1420
CHANNEL NUT W/SPRING



Part Number	Thread Size In	Wt/100 pcs Lbs (kg)
P7006-0836	#8 - 36	1 (0.5)
P7006-0832	#8 - 32	1 (0.5)
P7006-1032	#10 - 32	1 (0.5)
P7006-1024	#10 - 24	1 (0.5)
P7006-1420	1/4" - 20	1 (0.5)

P6280 - END CAP FOR P6000



Material: .060" (1.5)

Wt/100 pcs: 3 Lbs (1.4 kg)

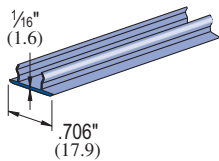
P7280 - END CAP FOR P7000



Material: .048" (1.2)

Wt/100 pcs: 1 Lbs (0.5 kg)

P6184 P - CLOSURE STRIP

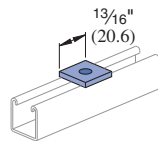


Material: PVC, Plastic.
Standard Length: 10 Feet (3.05 m).

Wt/100 Ft: 4 Lbs (6.0 kg/100m)

P7325

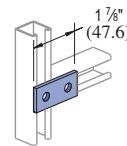
P6062



Wt/100 pcs: 2 Lbs (0.9 kg)

P7324

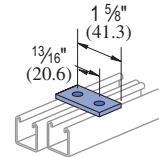
P6065



Wt/100 pcs: 5 Lbs (2.3 kg)

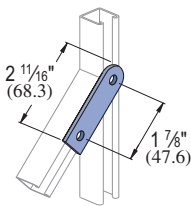
P6925

P6924



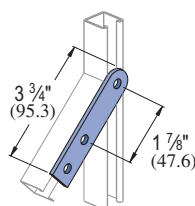
Wt/100 pcs: 5 Lbs (2.3 kg)

P6066



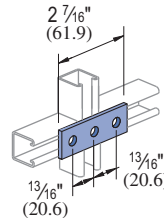
Wt/100 pcs: 7 Lbs (3.2 kg)

P6067



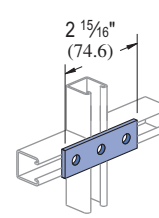
Wt/100 pcs: 10 Lbs (4.5 kg)

P6962



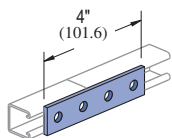
Wt/100 pcs: 7 Lbs (3.2 kg)

P6356A

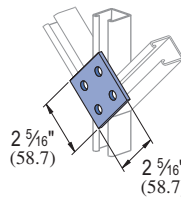


Wt/100 pcs: 8 Lbs (3.6 kg)

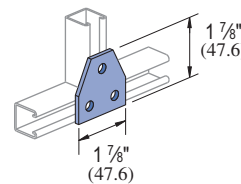
P6358A



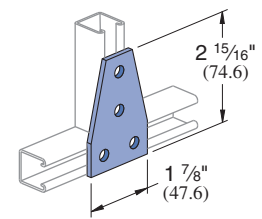
Wt/100 pcs: 11 Lbs (5.0 kg)



Wt/100 pcs: 19 Lbs (8.6 kg)



Wt/100 pcs: 10 Lbs (4.5 kg)



Wt/100 pcs: 15 Lbs (6.8 kg)

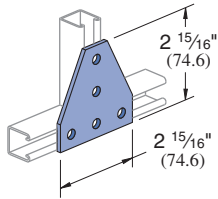
Standard Dimensions for 13/16" (20.6mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 5/32" (7.1mm); Hole Spacing - From End: 13/32" (10.3mm); Hole Spacing - On Center: 1 1/16" (27.0mm); Width: 13/16" (20.6mm); Thickness: 1/8" (3.2mm)



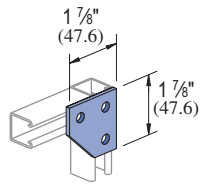
1 1/2" System
 1 1/4" System
 13/16" System
 Fiberglass System
 Special Metals
 Prime Angle
 Metal Grating
 Roofwalk
 Index

P6726A



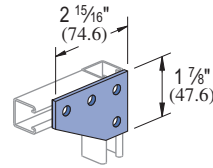
Wt/100 pcs: 22 Lbs (10.0 kg)

P6334



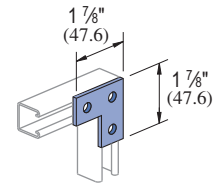
Wt/100 pcs: 11 Lbs (5.0 kg)

P6380



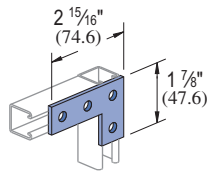
Wt/100 pcs: 15 Lbs (6.8 kg)

P6036



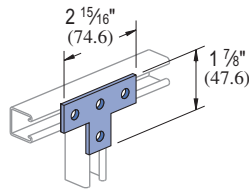
Wt/100 pcs: 8 Lbs (3.6 kg)

P6380A



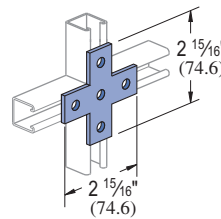
Wt/100 pcs: 11 Lbs (5.0 kg)

P6031



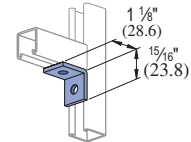
Wt/100 pcs: 11 Lbs (5.0 kg)

P6028



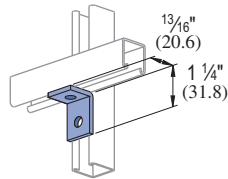
Wt/100 pcs: 14 Lbs (6.4 kg)

P6026



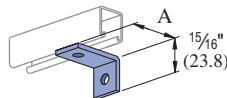
Wt/100 pcs: 5 Lbs (2.3 kg)

P6068



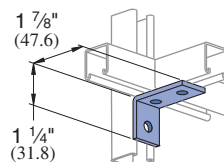
Wt/100 pcs: 5 Lbs (2.3 kg)

P6281, P6282, P6283



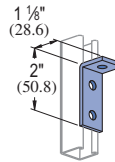
Part Number	A In (mm)	Wt/100 pcs Lbs (kg)
P6281	2	8
P6282	2 1/2	9
P6283	3	10

P6458



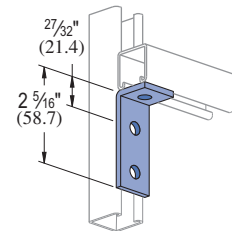
Wt/100 pcs: 8 Lbs (3.6 kg)

P6069



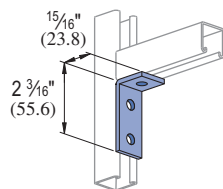
Wt/100 pcs: 8 Lbs (3.6 kg)

P6326



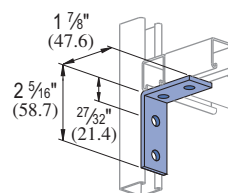
Wt/100 pcs: 8 Lbs (3.6 kg)

P6346



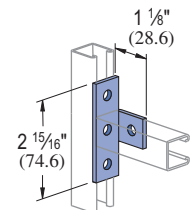
Wt/100 pcs: 8 Lbs (3.6 kg)

P6325



Wt/100 pcs: 11 Lbs (5.0 kg)

P6033

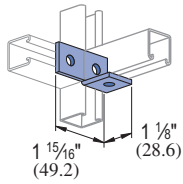


Wt/100 pcs: 11 Lbs (5.0 kg)

Standard Dimensions for 13/16" (20.6mm) width series channel fittings (Unless Otherwise Shown on Drawing)

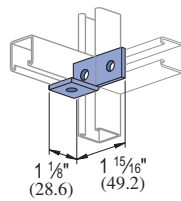
Hole Diameter: 5/32" (7.1mm); Hole Spacing - From End: 13/32" (10.3mm); Hole Spacing - On Center: 1 1/16" (27.0mm); Width: 13/16" (20.6mm); Thickness: 1/8" (3.2mm)

P6037



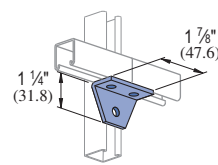
Wt/100 pcs: 8 Lbs (3.6 kg)

P6038



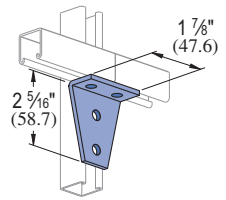
Wt/100 pcs: 8 Lbs (3.6 kg)

P6357



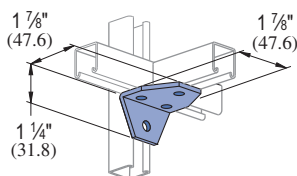
Wt/100 pcs: 10 Lbs (4.5 kg)

P6359



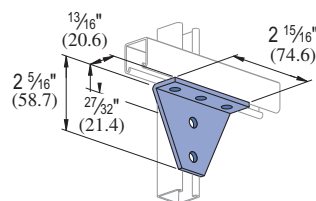
Wt/100 pcs: 15 Lbs (6.8 kg)

P6579



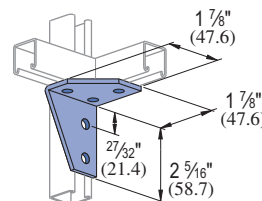
Wt/100 pcs: 15 Lbs (6.8 kg)

P6728



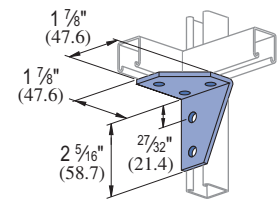
Wt/100 pcs: 22 Lbs (10.0 kg)

P6917



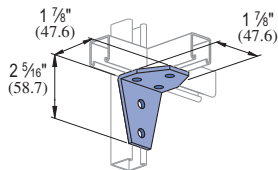
Wt/100 pcs: 21 Lbs (9.5 kg)

P6918



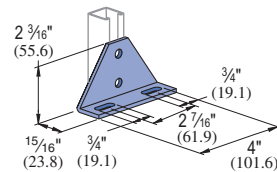
Wt/100 pcs: 21 Lbs (9.5 kg)

P7235



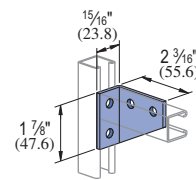
Wt/100 pcs: 18 Lbs (8.2 kg)

P6130



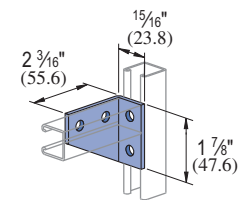
Wt/100 pcs: 32 Lbs (14.5 kg)

P6290



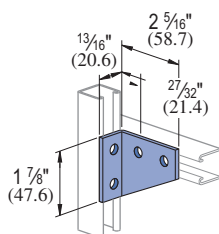
Wt/100 pcs: 15 Lbs (6.8 kg)

P6291



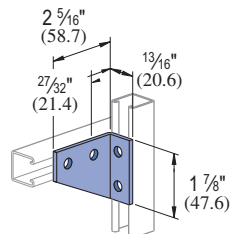
Wt/100 pcs: 15 Lbs (6.8 kg)

P6381



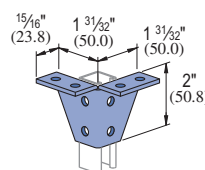
Wt/100 pcs: 15 Lbs (6.8 kg)

P6382



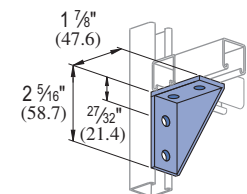
Wt/100 pcs: 15 Lbs (6.8 kg)

P6887



Wt/100 pcs: 28 Lbs (12.7 kg)

P6331



Wt/100 pcs: 19 Lbs (8.6 kg)

Standard Dimensions for 13/16" (20.6mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 5/32" (7.1mm); Hole Spacing - From End: 13/32" (10.3mm); Hole Spacing - On Center: 1 1/16" (27.0mm); Width: 13/16" (20.6mm); Thickness: 1/8" (3.2mm)



1 1/2" System

1 1/4" System

13/16" System

Fiberglass System

Special Metals

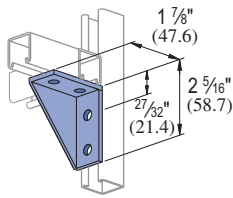
Prime Angle

Metal Grating

Roofwalk

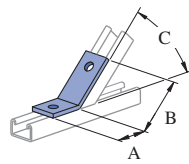
Index

P6332



Wt/100 pcs: 19 Lbs (8.6 kg)

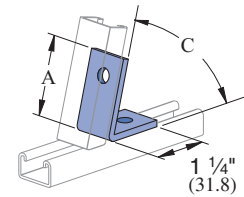
P6546, P7097, P7098, P7100, P7101



Wt/100 pcs: 8 Lbs (3.6 kg)

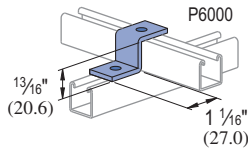
Part Number	A In (mm)	"B" In (mm)	"C" Deg (rad)
P7097	1 ⁹ / ₁₆ 23.8	1 ¹³ / ₁₆ 46.0	60° 1.1
P7098	1 ¹ / ₂ 26.2	1 ⁷ / ₈ 47.6	52 ¹ / ₂ ° 9.1
P6546	1 ³ / ₁₆ 30.2	1 ²³ / ₃₂ 43.7	45° 0.8
P7100	1 ⁵ / ₁₆ 33.3	1 ⁹ / ₃₂ 40.5	37 ¹ / ₂ ° 6.5
P7101	1 ¹ / ₂ 26.2	1 ⁷ / ₈ 47.6	30° 0.5

P6186, P7108, P7109, P7110



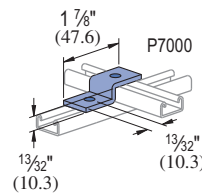
Part No.	"A" In (mm)	"C" Deg (rad)
P7108	1 ²⁷ / ₃₂ 46.8	60° 1.1
P7109	1 ¹³ / ₁₆ 46.0	52 ¹ / ₂ ° 9.1
P6186	1 ¹³ / ₁₆ 46.0	45° 0.8
P7110	1 ¹³ / ₁₆ 46.0	37 ¹ / ₂ ° 6.5

P6045



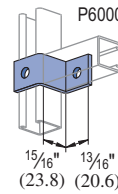
Wt/100 pcs: 7 Lbs (3.2 kg)

P7045



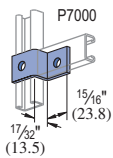
Wt/100 pcs: 6 Lbs (2.7 kg)

P6347



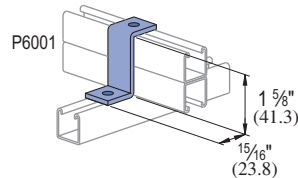
Wt/100 pcs: 7 Lbs (3.2 kg)

P7347



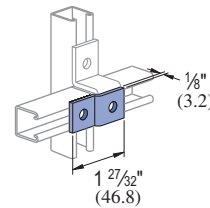
Wt/100 pcs: 6 Lbs (2.7 kg)

P6453



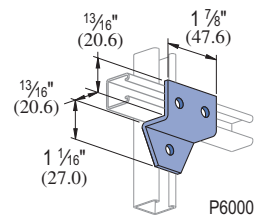
Wt/100 pcs: 9 Lbs (4.1 kg)

P6454



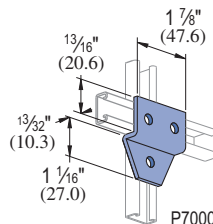
Wt/100 pcs: 5 Lbs (2.3 kg)

P6758



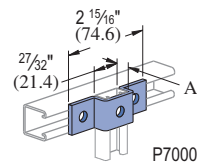
Wt/100 pcs: 13 Lbs (5.9 kg)

P7758



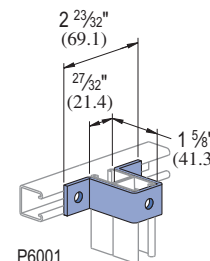
Wt/100 pcs: 12 Lbs (5.4 kg)

P6047, P7047



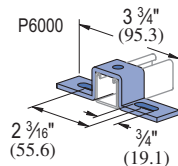
Part No.	A In (mm)	Wt/100 pcs Lbs (kg)	Use with Channel
P6047	1 ³ / ₁₆ 20.6	12 5.4	P6000
P7047	1 ³ / ₃₂ 10.3	10 4.5	P7000

P6737



Wt/100 pcs: 16 Lbs (7.3 kg)

P6048

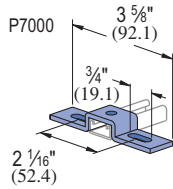


Wt/100 pcs: 14 Lbs (6.4 kg)

Standard Dimensions for 13/16" (20.6mm) width series channel fittings (Unless Otherwise Shown on Drawing)

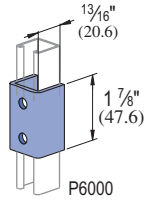
Hole Diameter: 9/32" (7.1mm); Hole Spacing - From End: 13/32" (10.3mm); Hole Spacing - On Center: 1 1/16" (27.0mm); Width: 13/16" (20.6mm); Thickness: 1/8" (3.2mm)

P7048



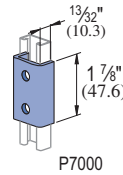
Wt/100 pcs: 10 Lbs (4.5 kg)

P6376



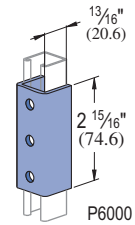
Wt/100 pcs: 17 Lbs (7.7 kg)

P7376



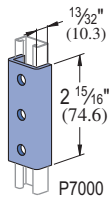
Wt/100 pcs: 11 Lbs (5.0 kg)

P6376A



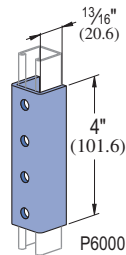
Wt/100 pcs: 26 Lbs (11.8 kg)

P7376A



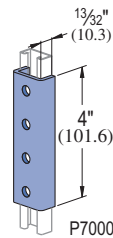
Wt/100 pcs: 16 Lbs (7.3 kg)

P6377



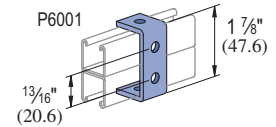
Wt/100 pcs: 36 Lbs (16.3 kg)

P7377



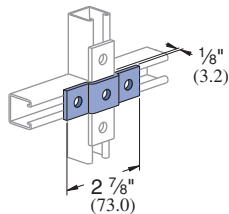
Wt/100 pcs: 24 Lbs (10.9 kg)

P6044



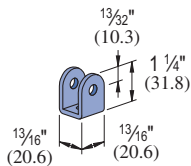
Wt/100 pcs: 9 Lbs (4.1 kg)

P6455



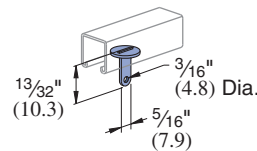
Wt/100 pcs: 8 Lbs (3.6 kg)

P6973



Wt/100 pcs: 8 Lbs (3.6 kg)

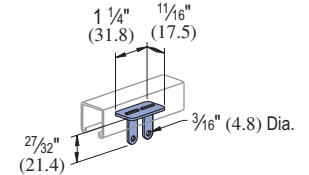
P6349



Wt/100 pcs: 1 Lbs (0.5 kg)

ACETAL SLIDE

P6353

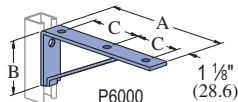


Wt/100 pcs: 1 Lbs (0.5 kg)

ACETAL SLIDE

P6127 - P6129

BRACKET



Part No.	Uniform Design Load Lbs (kN)	"A" In (mm)	"B" In (mm)	"C" In (mm)	Wt/100 pcs Lbs (kg)
P6127	150 0.67	6½ 165.1	2½ 63.5	2½ 63.5	30 13.6
P6128	150 0.67	8½ 215.9	¾ 82.6	¾ 88.9	40 18.1
P6129	130.0 0.58	10½ 266.7	4 101.6	4½ 114.3	50 22.7

Safety Factor 2½

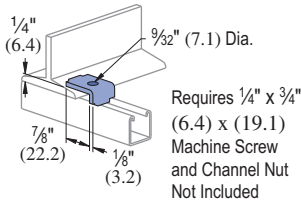
Standard Dimensions for 13/16" (20.6mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 5/32" (7.1mm); Hole Spacing - From End: 13/32" (10.3mm); Hole Spacing - On Center: 1 1/16" (27.0mm); Width: 13/16" (20.6mm); Thickness: 1/8" (3.2mm)



P6386

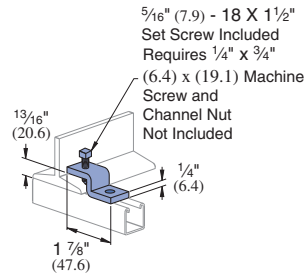
Use in pairs.



Wt/100 pcs: 4 Lbs (1.8 kg)

P6379 S

Use in pairs.

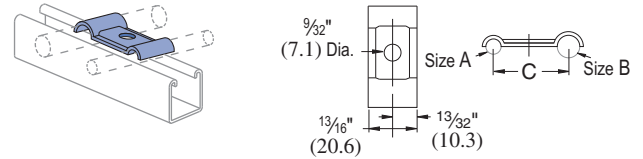
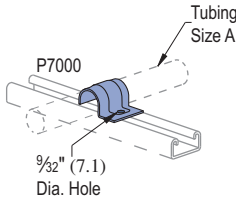


Wt/100 pcs: 13 Lbs (5.9 kg)

P7008 THRU P7020

TUBING CLIPS

P6805 THRU P6810



Material: 16 Gauge (1.5)

Part Number	O.D. Tube Size "A" In (mm)	Wt/100 pcs Lbs (kg)
P7008	1/4 6.4	1 0.45
P7009	5/16 7.9	1 0.45
P7010	3/8 9.5	2 0.91
P7012	1/2 12.7	2 0.91
P7014	5/8 15.9	3 1.4
P7016	3/4 19.1	4 1.8
P7018	7/8 22.2	5 2.3
P7020	1 25.4	5 2.3

Part Number	O.D. Tube Size "A" In (mm)	O.D. Tube Size "B" In (mm)	"C" In (mm)	Wt/100 pcs Lbs (kg)
P6805	1/4 6.4	1/4 6.4	3/4 19.1	1 0.5
P6806	3/8 9.5	3/8 9.5	1 25.4	2 0.9
P6807	1/2 12.7	1/2 12.7	1 1/4 31.8	3 1.4
P6808	1/4 6.4	3/8 9.5	7/8 22.2	2 0.9
P6809	1/4 6.4	1/2 12.7	1 25.4	2 0.9
P6810	3/8 9.5	1/2 12.7	1 1/8 28.6	3 1.4