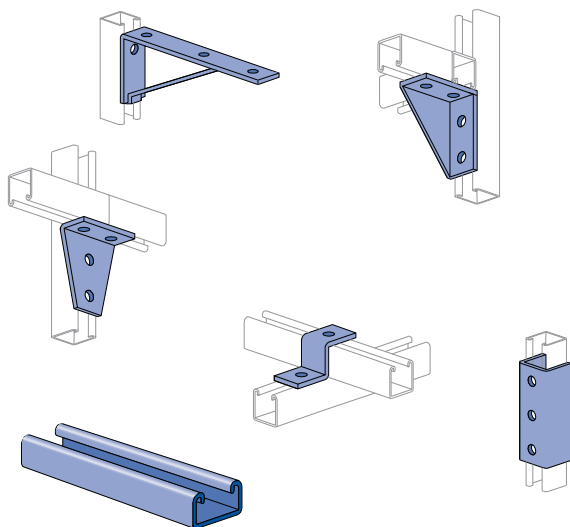


# 1<sup>3</sup>/<sub>16</sub>" FRAMING SYSTEM



P6000 (19 Gauge) .....	179-181
P7000 (19 Gauge) .....	182-183
Channel Nuts, End Caps, and Closure Strips .....	184
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Ninety Degree Fittings.....	185
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"Z" Shape Fittings.....	186
"U" Shape Fittings .....	186-187
Special Application Fittings.....	187
Beam Clamps.....	187
Tubing Clips .....	187

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

## APPLICATION

A unique half-size reduction of the 1<sup>5</sup>/<sub>8</sub>" 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)
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## 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

**P6000 Series**

**P7000 Series**

13/16" X 13/16"  
19 Ga.



P6000 - Pg 180



P6001 - Pg 180



P6001 A - Pg 181

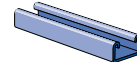


P6001 B - Pg 181

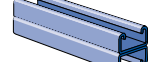


P6001 C - Pg 181

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



P7000 - Pg 182



P7001 - Pg 182

**Channel Nuts & Closures**

**13/16" Series Fittings**



P6006-0832 - Pg 184



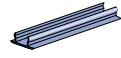
P7006-0832 - Pg 184



P6280 - Pg 184



P7280 - Pg 184



P6184P - Pg 184



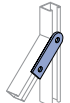
P6062 - Pg 184



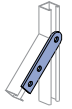
P6065 - Pg 184



P6924 - Pg 184



P7325 - Pg 184



P7324 - Pg 184



P6925 - Pg 184



P6066 - Pg 184



P6067 - Pg 184



P6962 - Pg 184



P6356 A - Pg 184



P6358 A - Pg 184



P6726 A - Pg 184



P6334 - Pg 184



P6380 - Pg 184



P6036 - Pg 184



P6380 A - Pg 184



P6031 - Pg 185



P6028 - Pg 185



P6026 - Pg 185



P6068 - Pg 185



P6281 - Pg 185



P6069 - Pg 185



P6326 - Pg 185



P6346 - Pg 185



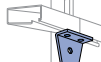
P6458 - Pg 185



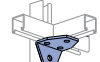
P6325 - Pg 185



P6357 - Pg 185



P6359-Pg 185



P6579-Pg 185



P7235-Pg 185



P6887-Pg 185



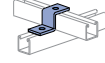
P6331-Pg 185



P6332-Pg 186



P6546-Pg 186



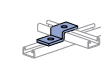
P6045-Pg 186



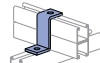
P6186-Pg 186



P6454-Pg 186



P7045-Pg 186



P6453-Pg 186



P6047-Pg 186



P6737-Pg 186



P6048-Pg 186



P6376-Pg 186



P7376-Pg 186



P6376 A-Pg 186



P7376 A-Pg 186



P6377-Pg 186



P7377-Pg 186



P6455-Pg 187



P6973-Pg 187



P6349-Pg 187



P6353-Pg 187



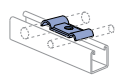
P6127-Pg 187



P6386-Pg 187



P6379 S-Pg 187



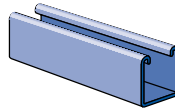
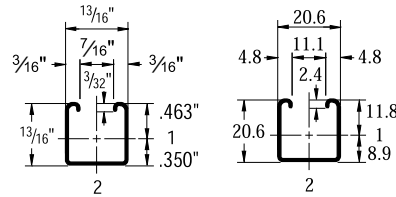
P6805-Pg 187



P7008-Pg 187

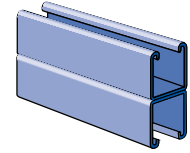
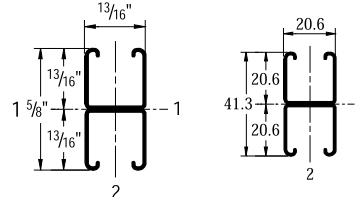


**P6000**



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 <sup>2</sup>	0.213	In <sup>2</sup>
Axis 1-1				
Moment of Inertia (I)	0.009	In <sup>4</sup>	0.045	In <sup>4</sup>
Section Modulus (S)	0.020	In <sup>3</sup>	0.055	In <sup>3</sup>
Radius of Gyration (r)	0.295	In	0.460	In
Axis 2-2				
Moment of Inertia (I)	0.012	In <sup>4</sup>	0.024	In <sup>4</sup>
Section Modulus (S)	0.029	In <sup>3</sup>	0.058	In <sup>3</sup>
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.

**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 kN	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 <sup>2</sup>	1.38 cm <sup>2</sup>
Axis 1-1		
Moment of Inertia (I)	0.39 cm <sup>4</sup>	1.88 cm <sup>4</sup>
Section Modulus (S)	0.33 cm <sup>3</sup>	0.91 cm <sup>3</sup>
Radius of Gyration (r)	0.75 cm	1.17 cm
Axis 2-2		
Moment of Inertia (I)	0.49 cm <sup>4</sup>	0.99 cm <sup>4</sup>
Section Modulus (S)	0.48 cm <sup>3</sup>	0.96 cm <sup>3</sup>
Radius of Gyration (r)	0.85 cm	0.85 cm

Notes:

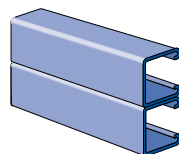
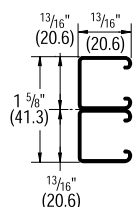
\* Load limited by spot weld shear.

\*\* KL/r > 200

NR = Not Recommended.

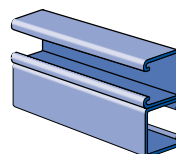
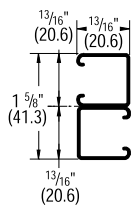
1. Beam loads are given in total uniform load (W Lbs) not uniform load (w lbs/ft or w lbs/in).
2. Beam loads are based on a simple span and assumed to be adequately laterally braced. Unbraced spans can reduce beam load carrying capacity. Refer to Page 186 for reduction factors for unbraced lengths.
3. 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**



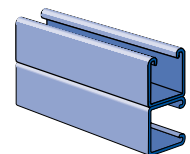
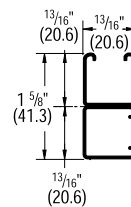
Wt/100 Ft: 73 Lbs (108 kg/100 m)  
Allowable Moment 1,820 In-Lbs (210 N·m)  
19 Gauge Nominal Thickness .040" (1.0 mm)

**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)

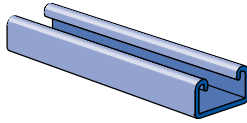
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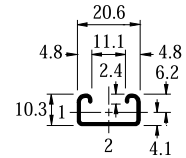
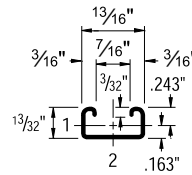
Wt/100 Ft: 73 Lbs (108 kg/100 m)  
Allowable Moment 1,550 In-Lbs (180 N·m)  
19 Gauge Nominal Thickness .040" (1.0 mm)



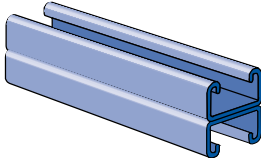
**P7000**



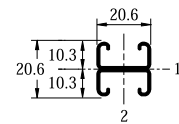
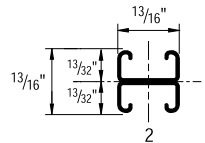
Wt/100 Ft: 25 Lbs (38 kg/100m)  
Allowable Moment 170 In-Lbs (20 N·m)  
19 Gauge Nominal Thickness .040" (1.0 mm)



**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 <sup>2</sup>	0.148	In <sup>2</sup>
Axis 1-1				
Moment of Inertia (I)	0.002	In <sup>4</sup>	0.007	In <sup>4</sup>
Section Modulus (S)	0.007	In <sup>3</sup>	0.018	In <sup>3</sup>
Radius of Gyration (r)	0.150	In	0.222	In
Axis 2-2				
Moment of Inertia (I)	0.007	In <sup>4</sup>	0.014	In <sup>4</sup>
Section Modulus (S)	0.017	In <sup>3</sup>	0.034	In <sup>3</sup>
Radius of Gyration (r)	0.307	In	0.307	In

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.

**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 <sup>2</sup>	0.96 cm <sup>2</sup>
Axis 1-1		
Moment of Inertia (I)	0.07 cm <sup>4</sup>	0.31 cm <sup>4</sup>
Section Modulus (S)	0.11 cm <sup>3</sup>	0.30 cm <sup>3</sup>
Radius of Gyration (r)	0.38 cm	0.57 cm
Axis 2-2		
Moment of Inertia (I)	0.29 cm <sup>4</sup>	0.58 cm <sup>4</sup>
Section Modulus (S)	0.28 cm <sup>3</sup>	0.56 cm <sup>3</sup>
Radius of Gyration (r)	0.78 cm	0.78 cm

Notes:

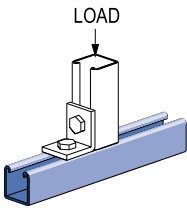
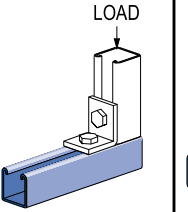
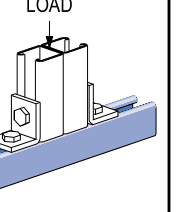
\* Load limited by spot weld shear.

\*\* 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 table below 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.

**BEARING LOADS ON UNISTRUT CHANNEL**

Loads are calculated based on 2001 Specification For The Design Of Cold Formed Steel Structural Members published by AISI			
	<b>Bearing Length</b> 1 <sup>3</sup> / <sub>16</sub> " (20.6 mm) <b>Maximum Allowable Loads - Lbs (kN)</b>	<b>Bearing Length</b> 1 <sup>3</sup> / <sub>16</sub> " (20.6 mm) <b>Maximum Allowable Loads - Lbs (kN)</b>	<b>Bearing Length</b> 1 <sup>1</sup> / <sub>2</sub> " (41.3 mm) <b>Maximum Allowable Loads - Lbs (kN)</b>
Channel			
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





1 1/4" System

1 3/16" System

Fiberglass System

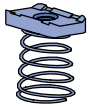
Special Metals

PrimeAngle

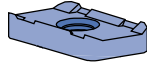
Metal Grating

Roofwalk

Index

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


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)

**P6013-0832 THRU P6006-1420**  
**CHANNEL NUT** **EEG**


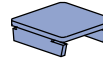
Part Number	Thread Size In	Wt/100 pcs Lbs (kg)
P6013-0836	#8 - 36	1 (0.5)
P6013-0832	#8 - 32	1 (0.5)
P6013-1032	#10 - 32	1 (0.5)
P6013-1024	#10 - 24	1 (0.5)
P6013-1420	1/4" - 20	1 (0.5)

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

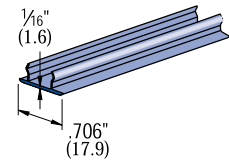

Part Number	Thread Size In	Wt/100 pcs Lbs (kg)
P7006-0836	#8 - 36	1 (0.5)
P7006-0832	#8 - 32	1 (0.5)
P7006-1032	#10 - 32	1 (0.5)
P7006-1024	#10 - 24	1 (0.5)
P7006-1420	1/4" - 20	1 (0.5)

**P6280 - END CAP FOR P6000**

Material: .060" (1.5)



Wt/100 pcs: 3 Lbs (1.4 kg)

**P6184 P - CLOSURE STRIP**


Material: PVC, Plastic.

Standard Length: 10 Feet (3.05 m).

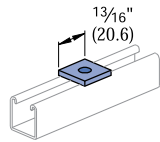
Wt/100 Ft: 4 Lbs (6.0 kg/100m)

**P7280 - END CAP FOR P7000**

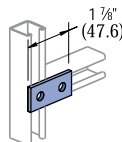
Material: .048" (1.2)



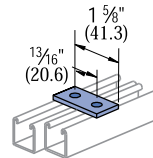
Wt/100 pcs: 1 Lbs (0.5 kg)

**P6062**


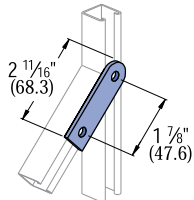
Wt/100 pcs: 2 Lbs (0.9 kg)

**P6065**


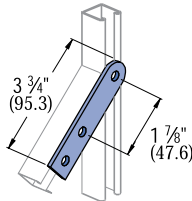
Wt/100 pcs: 5 Lbs (2.3 kg)

**P6924**


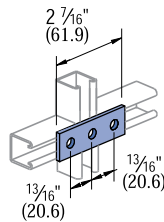
Wt/100 pcs: 5 Lbs (2.3 kg)

**P7325**


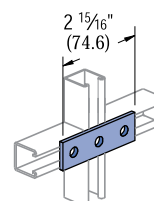
Wt/100 pcs: 7 Lbs (3.2 kg)

**P7324**


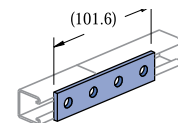
Wt/100 pcs: 10 Lbs (4.5 kg)

**P6925**


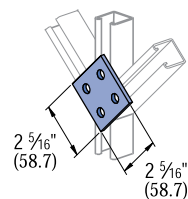
Wt/100 pcs: 7 Lbs (3.2 kg)

**P6066**


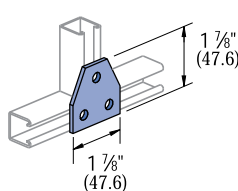
Wt/100 pcs: 8 Lbs (3.6 kg)

**P6067**


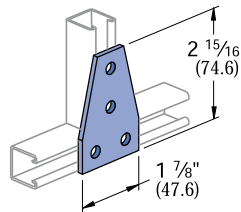
Wt/100 pcs: 11 Lbs (5.0 kg)

**P6962**


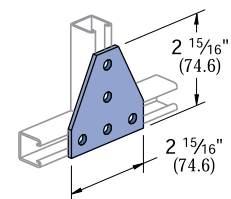
Wt/100 pcs: 19 Lbs (8.6 kg)

**P6356A**


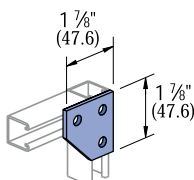
Wt/100 pcs: 10 Lbs (4.5 kg)

**P6358A**


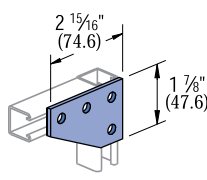
Wt/100 pcs: 15 Lbs (6.8 kg)

**P6726A**


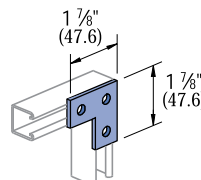
Wt/100 pcs: 22 Lbs (10.0 kg)

**P6334**


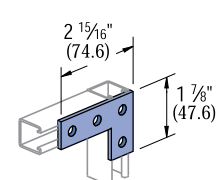
Wt/100 pcs: 11 Lbs (5.0 kg)

**P6380**


Wt/100 pcs: 15 Lbs (6.8 kg)

**P6036**


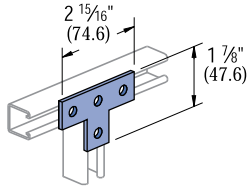
Wt/100 pcs: 8 Lbs (3.6 kg)

**P6380A**


Wt/100 pcs: 11 Lbs (5.0 kg)

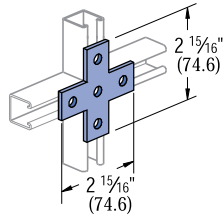
**Standard Dimensions for 1 3/16" (20.6mm) width series channel fittings (Unless Otherwise Shown on Drawing)**
**Hole Diameter: 5/32" (7.1mm); Hole Spacing - From End: 1 3/32" (10.3mm); Hole Spacing - On Center: 1 1/16" (27.0mm); Width: 1 3/16" (20.6mm); Thickness: 1/8" (3.2mm)**

## P6031



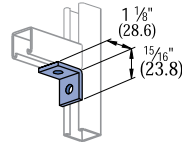
Wt/100 pcs: 11 Lbs (5.0 kg)

## P6028



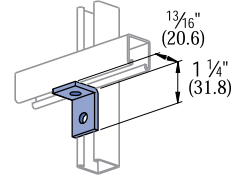
Wt/100 pcs: 14 Lbs (6.4 kg)

## P6026



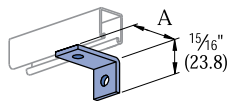
Wt/100 pcs: 5 Lbs (2.3 kg)

## P6068



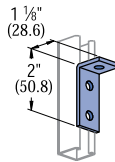
Wt/100 pcs: 5 Lbs (2.3 kg)

## P6281 , P6282, P6283



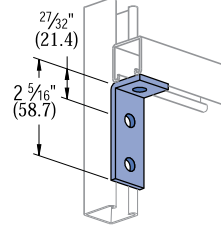
Part Number	A In (mm)	Wt/100 pcs Lbs (kg)
P6281	2 50.8	8 3.6
P6282	2 1/2 63.5	9 4.1
P6283	3 76.2	10 4.5

## P6069



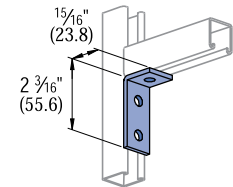
Wt/100 pcs: 8 Lbs (3.6 kg)

## P6326



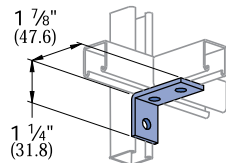
Wt/100 pcs: 8 Lbs (3.6 kg)

## P6346



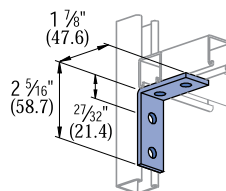
Wt/100 pcs: 8 Lbs (3.6 kg)

## P6458



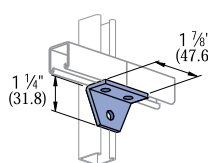
Wt/100 pcs: 8 Lbs (3.6 kg)

## P6325



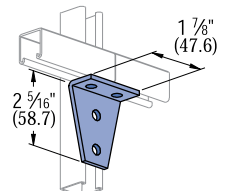
Wt/100 pcs: 11 Lbs (5.0 kg)

## P6357



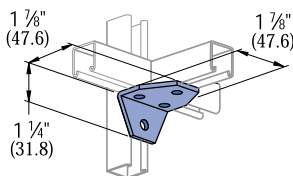
Wt/100 pcs: 10 Lbs (4.5 kg)

## P6359



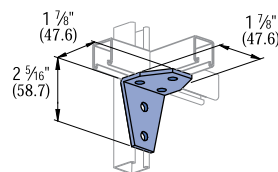
Wt/100 pcs: 15 Lbs (6.8 kg)

## P6579



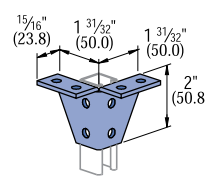
Wt/100 pcs: 15 Lbs (6.8 kg)

## P7235



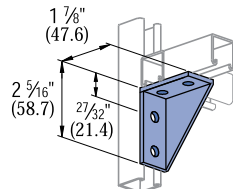
Wt/100 pcs: 18 Lbs (8.2 kg)

## P6887



Wt/100 pcs: 28 Lbs (12.7 kg)

## P6331

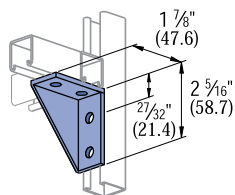


Wt/100 pcs: 19 Lbs (8.6 kg)

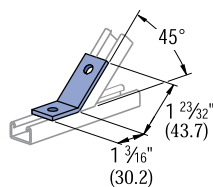
Standard Dimensions for 1 3/16" (20.6mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/32" (7.1mm); Hole Spacing - From End: 1 3/32" (10.3mm); Hole Spacing - On Center: 1 1/8" (27.0mm); Width: 1 3/16" (20.6mm); Thickness: 1/8" (3.2mm)

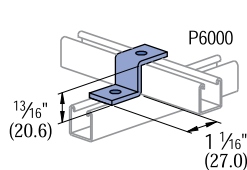



**P6332**


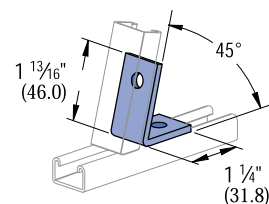
Wt/100 pcs: 19 Lbs (8.6 kg)

**P6546**


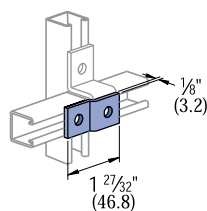
Wt/100 pcs: 8 Lbs (3.6 kg)

**P6045**


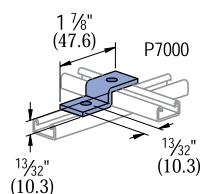
Wt/100 pcs: 7 Lbs (3.2 kg)

**P6186**


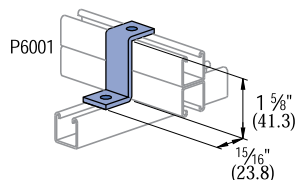
Wt/100 pcs: 8 Lbs (3.6 kg)

**P6454**


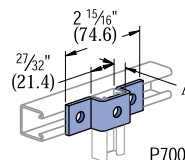
Wt/100 pcs: 5 Lbs (2.3 kg)

**P7045**


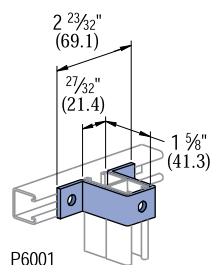
Wt/100 pcs: 6 Lbs (2.7 kg)

**P6453**


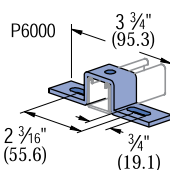
Wt/100 pcs: 9 Lbs (4.1 kg)

**P6047, P7047**


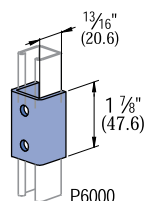
Part No.	A In (mm)	Wt/100 pcs Lbs (kg)	Use with Channel
P6047	13/16 20.6	12 5.4	P6000
P7047	13/32 10.3	10 4.5	P7000

**P6737**


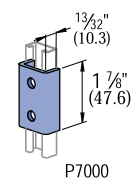
Wt/100 pcs: 16 Lbs (7.3 kg)

**P6048**


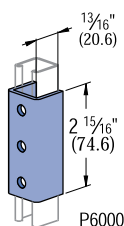
Wt/100 pcs: 14 Lbs (6.4 kg)

**P6376**


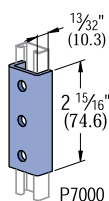
Wt/100 pcs: 17 Lbs (7.7 kg)

**P7376**


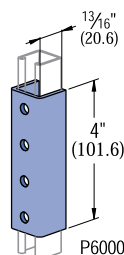
Wt/100 pcs: 11 Lbs (5.0 kg)

**P6376A**


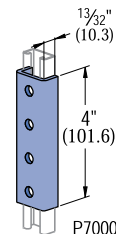
Wt/100 pcs: 26 Lbs (11.8 kg)

**P7376A**


Wt/100 pcs: 16 Lbs (7.3 kg)

**P6377**


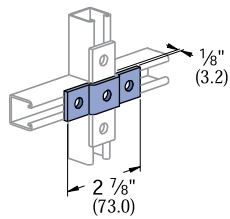
Wt/100 pcs: 36 Lbs (16.3 kg)

**P7377**


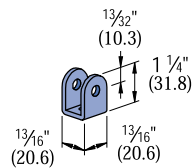
Wt/100 pcs: 24 Lbs (10.9 kg)

**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 1/8" (27.0mm); Width: 13/16" (20.6mm); Thickness: 1/8" (3.2mm)**

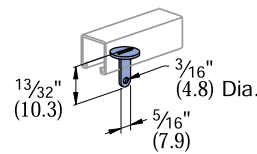
# "U" Shape Fittings, Beam Clamps, Slides, Brackets, and Tubing Clips

**P6455**


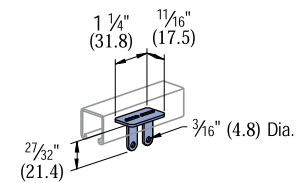
Wt/100 pcs: 8 Lbs (3.6 kg)

**P6973**


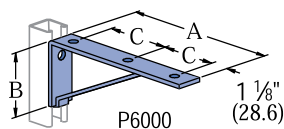
Wt/100 pcs: 8 Lbs (3.6 kg)

**P6349**
**ACETAL SLIDE**


Wt/100 pcs: 1 Lbs (0.5 kg)

**P6353**
**ACETAL SLIDE**


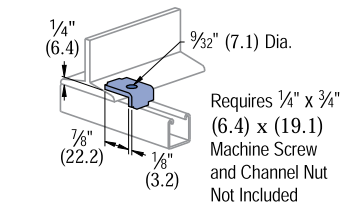
Wt/100 pcs: 1 Lbs (0.5 kg)

**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	6 1/2 165.1	2 1/2 63.5	2 1/2 63.5	30 13.6
P6128	150 0.67	8 1/2 215.9	3 1/4 82.6	3 1/2 88.9	40 18.1
P6129	130.0 0.58	10 1/2 266.7	4 101.6	4 1/2 114.3	50 22.7

Safety Factor 2 1/2

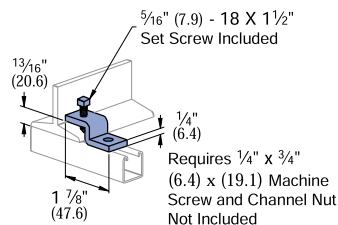
Wt/100 pcs: 4 Lbs (1.8 kg)


Requires 1/4" x 3/4"  
(6.4) x (19.1)  
Machine Screw  
and Channel Nut  
Not Included

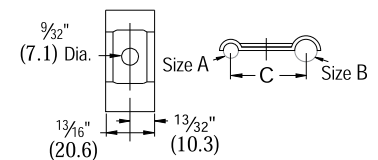
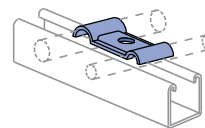
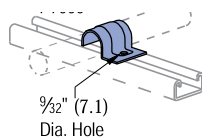
Use in pairs.

**P6379 S**
**BEAM CLAMP**

Use in pairs.



Wt/100 pcs: 13 Lbs (5.9 kg)

**P6805 THRU P6810**
**TUBING CLIPS**

**P7008 THRU P7020**
**TUBING CLIPS**


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

Material: 16 Gauge (1.5)

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

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)