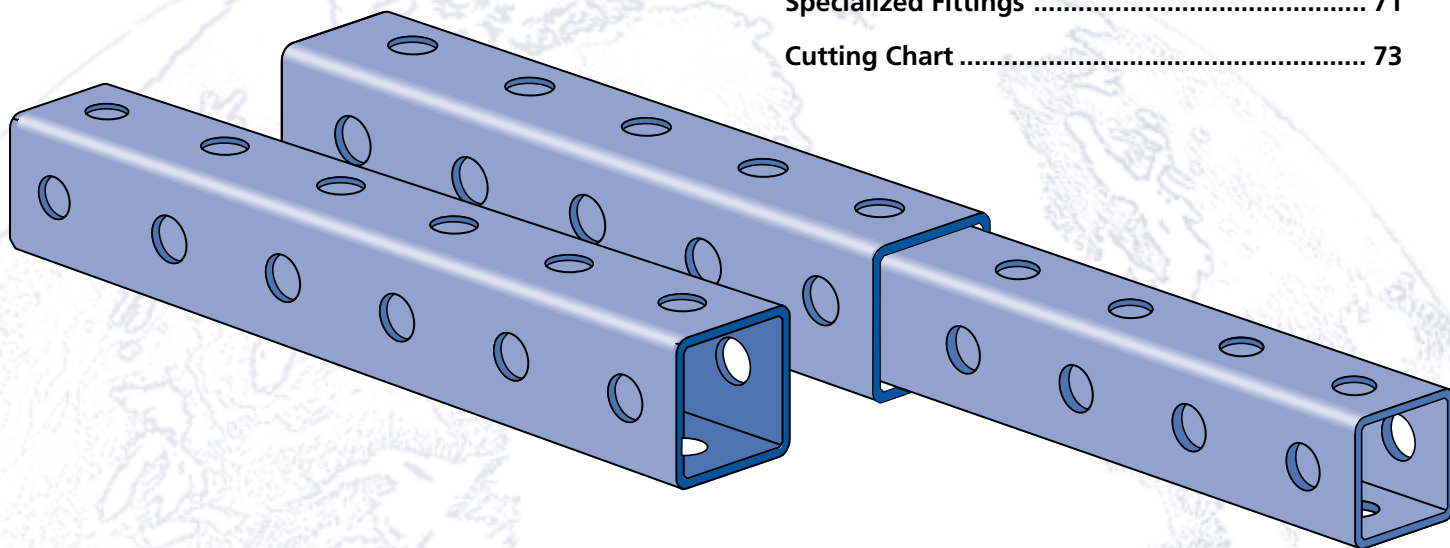


TELESTRUT® SYSTEM

Telescoping Tube	67
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Specialized Fittings	71
Cutting Chart	73



MATERIAL

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

All spot-welded combination members, except P1001T, are welded 3" (76 mm) maximum on center.

STEEL: PLAIN

12 Ga. (2.7 mm), 14 Ga. (1.9 mm) and 16 Ga. (1.5 mm)
ASTM A1011 SS GR 33.

STEEL: PRE-GALVANIZED

12 Ga. (2.7 mm), 14 Ga. (1.9 mm) and 16 Ga. (1.5 mm)
ASTM A653 GR 33.

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).

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

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.

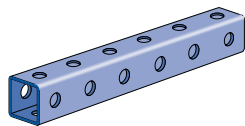
DESIGN LOAD

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



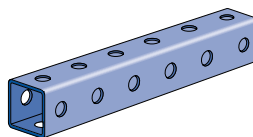
Telestrut Telescoping Tubing

1 $\frac{5}{8}$ " x 1 $\frac{5}{8}$ "
12 Ga.



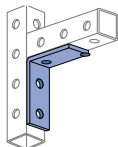
P9000-Pg 67

1 $\frac{7}{8}$ " x 1 $\frac{7}{8}$ "
12 Ga.

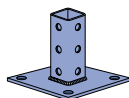


P9200-Pg 67

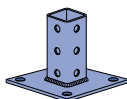
Special Fittings and Connection Hardware for Telestrut Telescoping Tubing



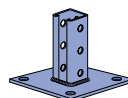
P9324-Pg 71



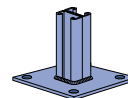
P9011-Pg 72



P9012-Pg 72



P9013-Pg 72



P9014-Pg 72



P9207-Pg 71

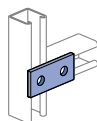


P9209-Pg 70

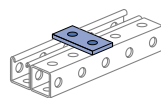


P9010-Pg 70

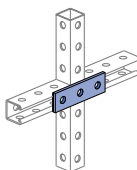
Standard 1 $\frac{5}{8}$ " Metal Framing – Flat Plate Fittings



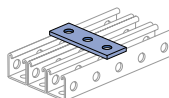
P1065-Pg 90



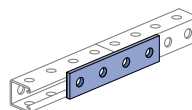
P1924-Pg 90



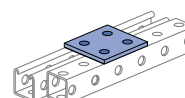
P1066-Pg 91



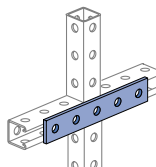
P1925-Pg 91



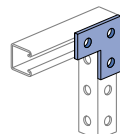
P1067-Pg 91



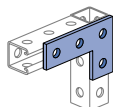
P2079-Pg 91



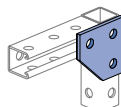
P1941-Pg 91



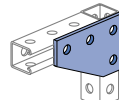
P1036-Pg 92



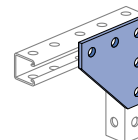
P1380A-Pg 92



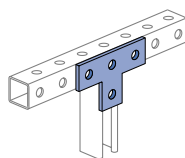
P1334-Pg 92



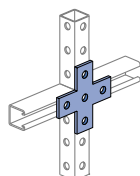
P1380-Pg 92



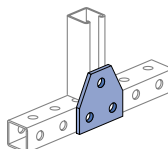
P1873-Pg 92



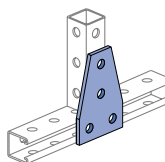
P1031-Pg 92



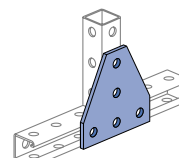
P1028-Pg 93



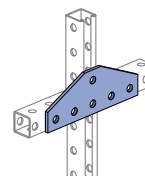
P1356-Pg 93



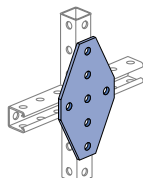
P1358-Pg 93



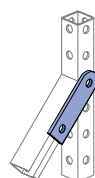
P1726-Pg 93



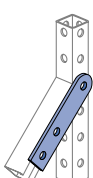
P1953-Pg 93



P1950-Pg 93



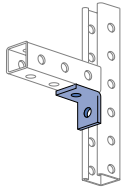
P2325-Pg 90



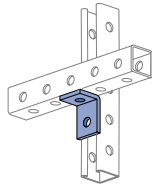
P2324-Pg 91

Many of the standard metal framing components are compatible with the Telestrut telescoping tubing. Refer to the appropriate page in other sections of the catalog for information on the particular fittings shown here.

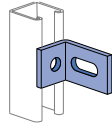
Standard 1½" Metal Framing – Ninety Degree Fittings



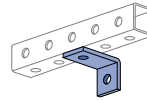
P1026-Pg 94



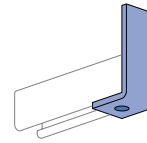
P1068-Pg 94



P1750-Pg 95



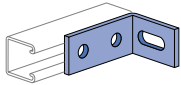
P1281-Pg 94



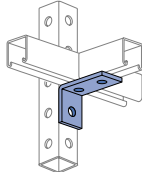
P1538A-Pg 95



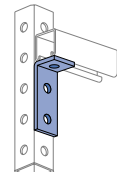
P1498-Pg 95



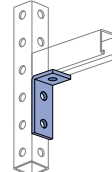
P1747-Pg 95



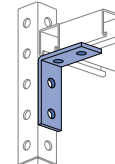
P1458-Pg 95



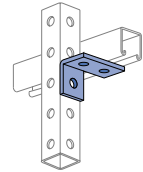
P1326-Pg 96



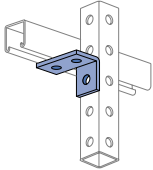
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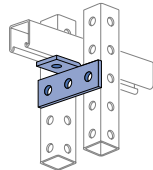
P1325-Pg 96



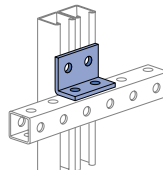
P1822-Pg 96



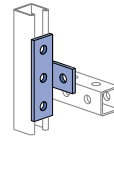
P1823-Pg 96



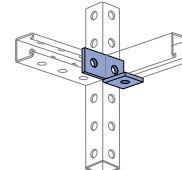
P1821-Pg 96



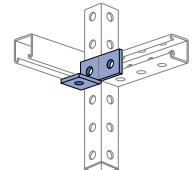
P1934-Pg 99



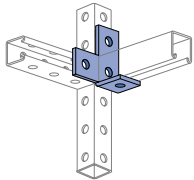
P1033-Pg 97



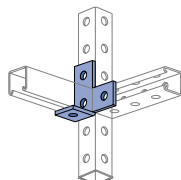
P1037-Pg 97



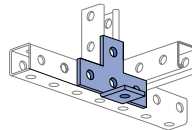
P1038-Pg 97



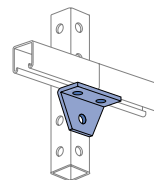
P1034-Pg 97



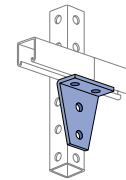
P1035-Pg 97



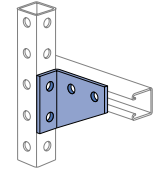
P1029-Pg 97



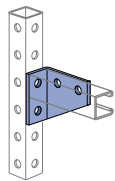
P1357-Pg 98



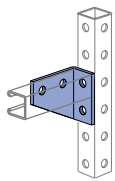
P1359-Pg 98



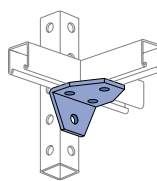
P1381-Pg 98



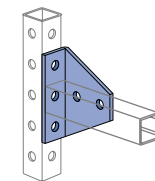
P1290-Pg 98



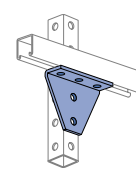
P1291-Pg 98



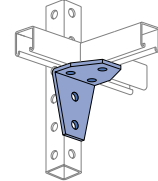
P1579-Pg 99



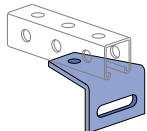
P1727-Pg 99



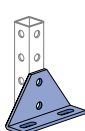
P1728-Pg 99



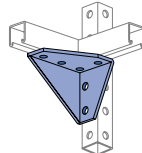
P2235-Pg 99



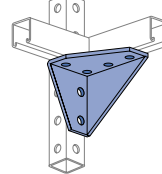
P1713-Pg 99



P1130-Pg 100

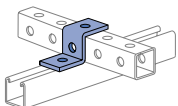


P1956-Pg 100

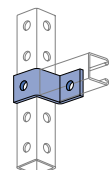


P1957-Pg 100

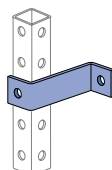
Standard 1½" Metal Framing – "Z" and "U" Shape Fittings



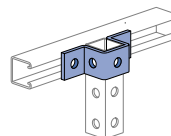
P1045-Pg 102



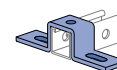
P1347-Pg 102



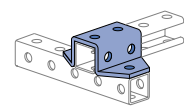
P1479-Pg 103



P1047-Pg 106



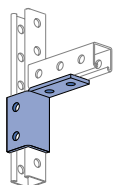
P1048-Pg 107



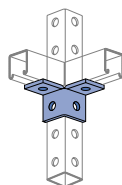
P2326-Pg 109



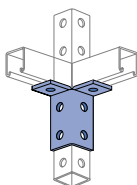
Standard 1½" Metal Framing – Wing Shape Fittings



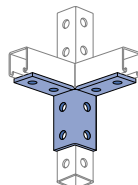
P2343-Pg 110



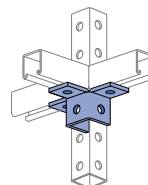
P2223-Pg 110



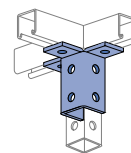
P2224-Pg 110



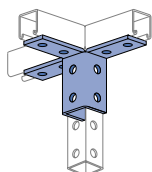
P2225-Pg 110



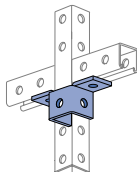
P2227-Pg 110



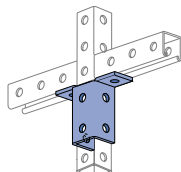
P2228-Pg 110



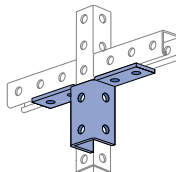
P2229-Pg 111



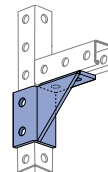
P2345-Pg 111



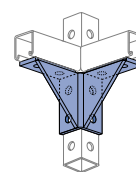
P2346-Pg 111



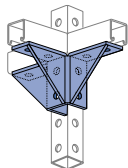
P2347-Pg 111



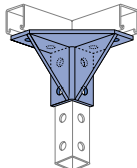
P2344-Pg 111



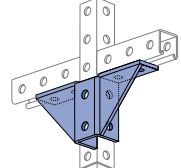
P2226-Pg 111



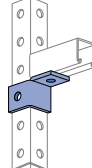
P2230-Pg 112



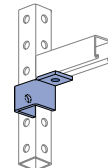
P2245-Pg 112



P2348-Pg 112



P2341-Pg 109



P2472-Pg 109

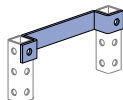
Standard 1½" Metal Framing – Misc. Fittings



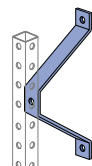
P1843-Pg 135



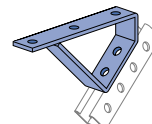
P1354-Pg 135



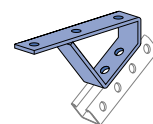
P1201-Pg 135



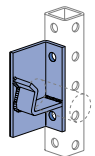
P1204-Pg 136



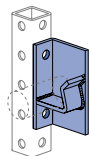
P1944-Pg 136



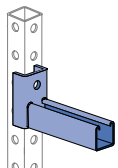
P2655-Pg 136



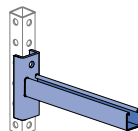
P2354L-Pg 135



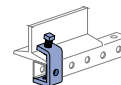
P2354R-Pg 135



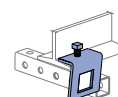
P2231-Pg 118



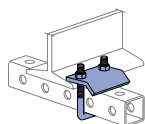
P2233-Pg 118



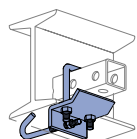
P1271S-Pg 126



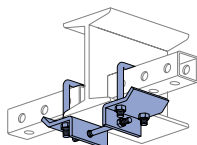
P1796S-Pg 126



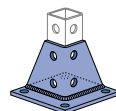
P2785-Pg 127



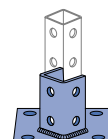
P2867-Pg 127



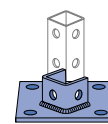
P2868-Pg 128



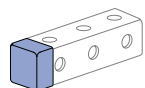
P1887-Pg 112



P2072A-Pg 113



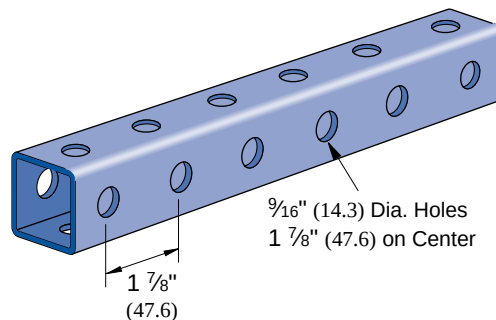
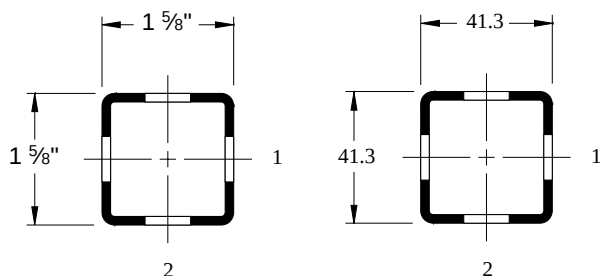
P2072-Pg 113



P2860-10-Pg 60

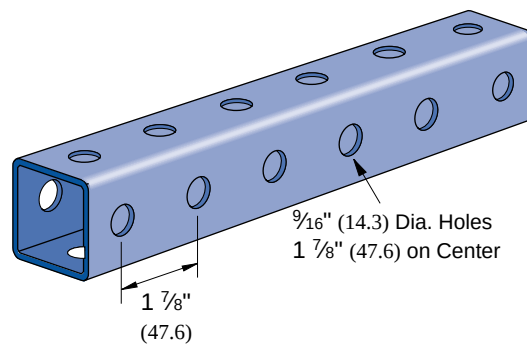
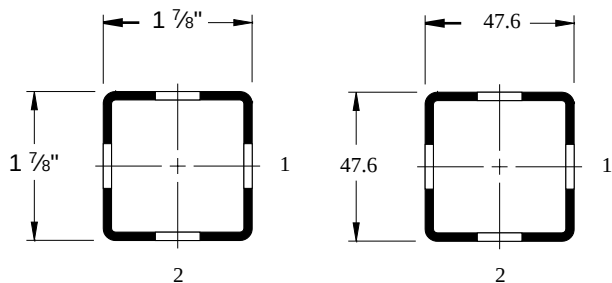
P9000

Wt/100 Ft: 190 Lbs (283 kg/100 m)
Allowable Moment 5,080 In-Lbs (570 N•m)
12 Gauge Nominal Thickness .105" (2.7mm)



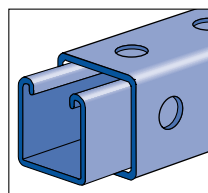
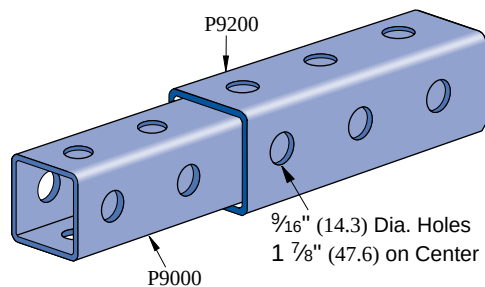
P9200

Wt/100 Ft: 380 Lbs (566 kg/100 m)
Allowable Moment 14,390 In-Lbs (1,630 N•m)
12 Gauge Nominal Thickness .105" (2.7mm)

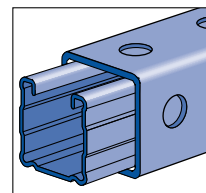


Telestrut's Telescoping Power

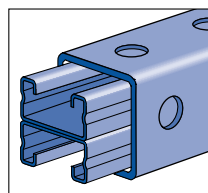
Telestrut can be combined with metal framing channel



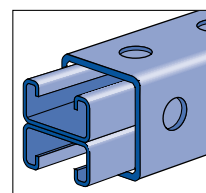
P1000 Series



P1100 Series



P4001 Series



P4101 Series

Channel Finishes: PL, GR, PG; Standard Length: 20'



BEAM LOADING – P9000

Span In	Max Allowable Uniform Load	Defl. at Uniform Load	Uniform Loading at Deflection		
	Lbs	In	Span/180 Lbs	Span/240 Lbs	Span/360 Lbs
24	1,690	0.06	1,690	1,690	1,690
36	1,120	0.14	1,120	1,120	800
48	840	0.25	840	670	450
60	670	0.39	570	430	290
72	560	0.56	400	300	200
84	480	0.77	290	220	150
96	420	1.00	220	170	110
108	370	1.27	180	130	90
120	340	1.57	140	110	70
144	280	2.26	100	70	50
168	240	3.07	70	50	40
192	210	4.02	60	40	NR
216	190	5.08	40	NR	NR
240	170	6.28	NR	NR	NR

BEAM LOADING – P9200

Span In	Max Allowable Uniform Load	Defl. at Uniform Load	Uniform Loading at Deflection		
	Lbs	In	Span/180 Lbs	Span/240 Lbs	Span/360 Lbs
24	2,490	0.05	2,490	2,490	2,490
36	1,660	0.12	1,660	1,660	1,350
48	1,250	0.22	1,250	1,140	760
60	1,000	0.34	970	730	490
72	830	0.49	670	510	340
84	710	0.67	500	370	250
96	620	0.87	380	280	190
108	550	1.11	300	220	150
120	500	1.37	240	180	120
144	420	1.97	170	130	80
168	360	2.68	120	90	60
192	310	3.50	90	70	50
216	280	4.43	70	60	NR
240	250	5.47	60	50	NR

COLUMN LOADING – P9000

Unbraced Height In	Maximum Allowable Load at Slot Face	Maximum Column Load Applied at C.G.			
	Lbs	K = 0.65 Lbs	K = 0.80 Lbs	K = 1.0 Lbs	K = 1.2 Lbs
24	3,490	8,660	8,500	8,260	7,970
36	3,270	8,290	7,970	7,460	6,880
48	3,000	7,810	7,270	6,470	5,600
60	2,710	7,220	6,470	5,380	4,300
72	2,410	6,570	5,600	4,300	3,110
84	2,120	5,870	4,730	3,290	2,290
96	1,840	5,160	3,890	2,520	1,750
108	1,590	4,460	3,110	1,990	1,380
120	1,380	3,790	2,520	1,610	**

COLUMN LOADING – P9200

Unbraced Height In	Maximum Allowable Load at Slot Face	Maximum Column Load Applied at C.G.			
	Lbs	K = 0.65 Lbs	K = 0.80 Lbs	K = 1.0 Lbs	K = 1.2 Lbs
24	4,510	11,120	10,970	10,730	10,450
36	4,300	10,770	10,450	9,940	9,360
48	4,020	10,290	9,760	8,930	8,020
60	3,710	9,710	8,930	7,780	6,580
72	3,380	9,040	8,020	6,580	5,160
84	3,050	8,310	7,060	5,390	3,880
96	2,730	7,550	6,100	4,280	2,970
108	2,420	6,760	5,160	3,380	2,350
120	2,130	5,980	4,280	2,740	1,900

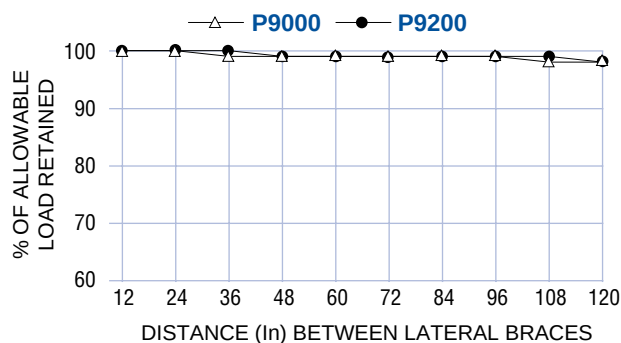
NR = Not Recommended. ** $KL/r > 200$

- Notes:
- Above loads include the weight of the member. This must be deducted to arrive at the net allowable load the beam will support.
 - Long span beams should be supported in such a manner as to prevent rotation and twist.
 - Allowable uniformly distributed loads are listed for various simple spans, that is, a beam on two supports.
If load is concentrated at the center of the span, multiply load from the table by 0.5 and corresponding deflection by 0.8.
 - Refer to chart for lateral bracing reduction.

ELEMENTS OF SECTION P9000/P9200

Parameter	P9000	P9200
Area of Section	0.384 In ²	2.477 cm ²
Axis 1-1		
Moment of Inertia (I)	0.164 In ⁴	6.826 cm ⁴
Section Modulus (S)	0.203 In ³	3.327 cm ³
Radius of Gyration (r)	0.653 In	1.659 cm
Axis 2-2		
Moment of Inertia (I)	0.164 In ⁴	6.826 cm ⁴
Section Modulus (S)	0.203 In ³	3.327 cm ³
Radius of Gyration (r)	0.653 In	1.659 cm

LATERAL BRACING REDUCTION



BEAM LOADING – P9000 (METRIC)

Span mm	Max	Defl. at	Uniform Loading at Deflection		
	Allowable Uniform Load	Uniform Load	Span/180	Span/240	Span/360
kg	mm	kg	kg	kg	kg
600	777	2	777	777	777
750	622	2	622	622	537
1,000	466	4	466	453	302
1,250	373	7	373	290	193
1,500	311	10	269	201	134
1,750	267	13	197	148	99
2,000	233	17	151	113	76
2,500	187	27	97	73	48
3,000	156	39	67	50	34
3,500	133	53	49	37	25
4,000	117	69	38	28	19
4,500	104	87	30	22	NR
5,000	93	107	24	18	NR
6,000	78	154	NR	NR	NR

COLUMN LOADING – P9000 (METRIC)

Unbraced Height mm	Maximum Allowable Load at Slot Face	Maximum Column Load Applied at C.G.			
	kg	K = 0.65 kg	K = 0.80 kg	K = 1.0 kg	K = 1.2 kg
600	1,584	3,931	3,864	3,755	3,627
750	1,540	3,858	3,755	3,592	3,402
1,000	1,452	3,704	3,532	3,263	2,963
1,250	1,350	3,516	3,263	2,884	2,480
1,500	1,240	3,299	2,963	2,480	1,996
1,750	1,128	3,059	2,643	2,075	1,541
2,000	1,017	2,805	2,317	1,689	1,180
2,500	812	2,277	1,689	1,088	755
2,750	719	2,016	1,404	899	624

NR = Not Recommended.

- Notes:
1. Above loads include the weight of the member. This must be deducted to arrive at the net allowable load the beam will support.
 2. Long span beams should be supported in such a manner as to prevent rotation and twist.
 3. Allowable uniformly distributed loads are listed for various simple spans, that is, a beam on two supports.
If load is concentrated at the center of the span, multiply load from the table by 0.5 and corresponding deflection by 0.8.
 4. Refer to chart for lateral bracing reduction.

ELEMENTS OF SECTION
P9000/P9200 (METRIC)

Parameter	P9000	P9200
Area of Section	4.68 cm ²	3.15 cm ²
Axis 1-1		
Moment of Inertia (I)	21.8 cm ⁴	11.6 cm ⁴
Section Modulus (S)	6.41 cm ³	4.87 cm ³
Radius of Gyration (r)	2.2 cm	1.9 cm
Axis 2-2		
Moment of Inertia (I)	13.9 cm ⁴	11.6 cm ⁴
Section Modulus (S)	6.75 cm ³	4.87 cm ³
Radius of Gyration (r)	1.7 cm	1.9 cm

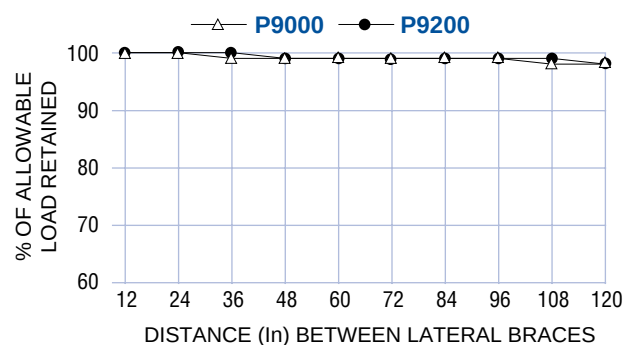
BEAM LOADING – P9200 (METRIC)

Span mm	Max	Defl. at	Uniform Loading at Deflection		
	Allowable Uniform Load	Uniform Load	Span/180	Span/240	Span/360
kg	mm	kg	kg	kg	kg
600	1148	1	1148	1148	1148
750	918	2	918	918	910
1,000	689	4	689	689	512
1,250	551	6	551	492	328
1,500	459	8	455	341	228
1,750	393	11	334	251	167
2,000	344	15	256	192	128
2,500	275	23	164	123	82
3,000	230	34	114	85	57
3,500	197	46	84	63	42
4,000	172	60	64	48	32
4,500	153	76	51	38	25
5,000	138	93	41	31	21
6,000	115	134	28	21	NR

COLUMN LOADING – P9200 (METRIC)

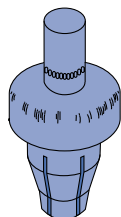
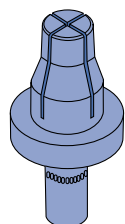
Unbraced Height mm	Maximum Allowable Load at Slot Face	Maximum Column Load Applied at C.G.			
	kg	K = 0.65 kg	K = 0.80 kg	K = 1.0 kg	K = 1.2 kg
600	2,048	5,048	4,983	4,878	4,752
750	2,005	4,977	4,878	4,718	4,529
1,000	1,916	4,828	4,658	4,390	4,083
1,250	1,811	4,643	4,390	4,002	3,574
1,500	1,695	4,426	4,083	3,574	3,036
1,750	1,573	4,183	3,748	3,126	2,504
2,000	1,449	3,919	3,396	2,679	2,004
2,500	1,208	3,351	2,679	1,847	1,282
2,750	1,095	3,059	2,333	1,526	1,060

LATERAL BRACING REDUCTION

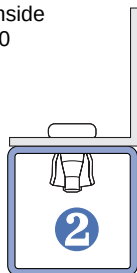




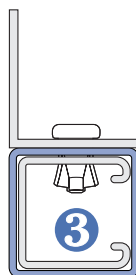
P9010 Multi-grip Rivet



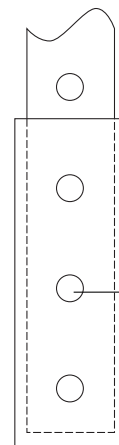
1
P9000 Inside
P9200



2
Fitting Attached
to Tube Section
or Channel



3
Fitting Attached
to Tube Section
with Tube Section
or Channel Inside

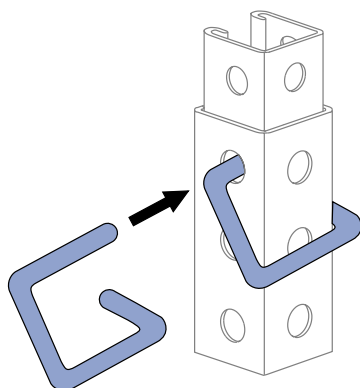


Wt/100 pcs: 10 Lbs (4.5 kg)

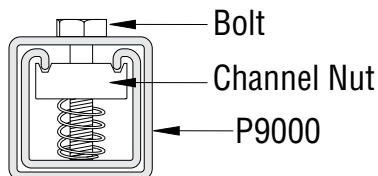
750 Lbs.
(340 Kg)
Pullout

P9209 Gravity Pin

Wt/100 pcs: 47 Lbs (21.3 kg)

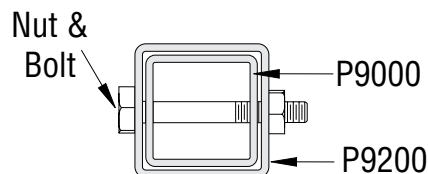
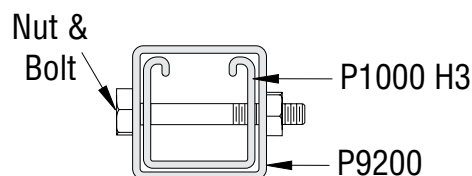


Channel Nut Connection Infinite Adjustment



Any of the 1½" (41 mm) channel can be connected to the P9000 using standard channel nuts.

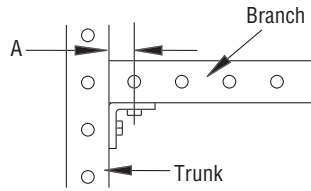
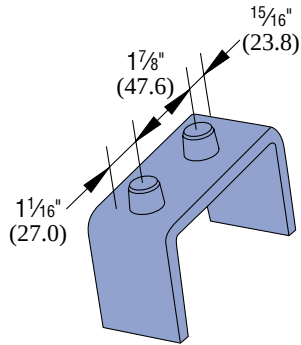
Through-Bolt Connection Incremental Adjustment



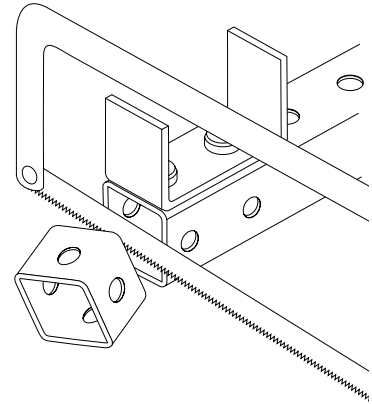
Standard Dimensions for 1½" (41 mm) width series channel Fittings (Unless Otherwise Shown on Drawing)

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

P9207 Cutting Alignment Gauge

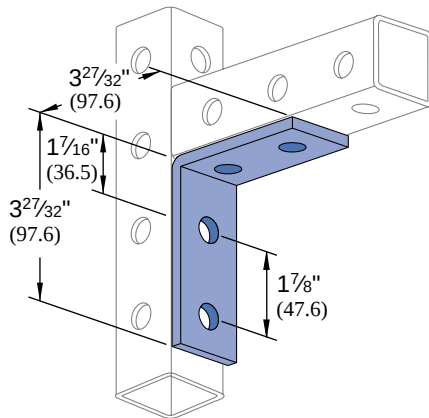


The cutting alignment guide ensures correct cutting of branch members when used with fittings to make connections. Refer to the table of page 73 for the appropriate value for "A" for cutting.



P9324

Wt/100 pcs: 78 Lbs (35.0 kg)



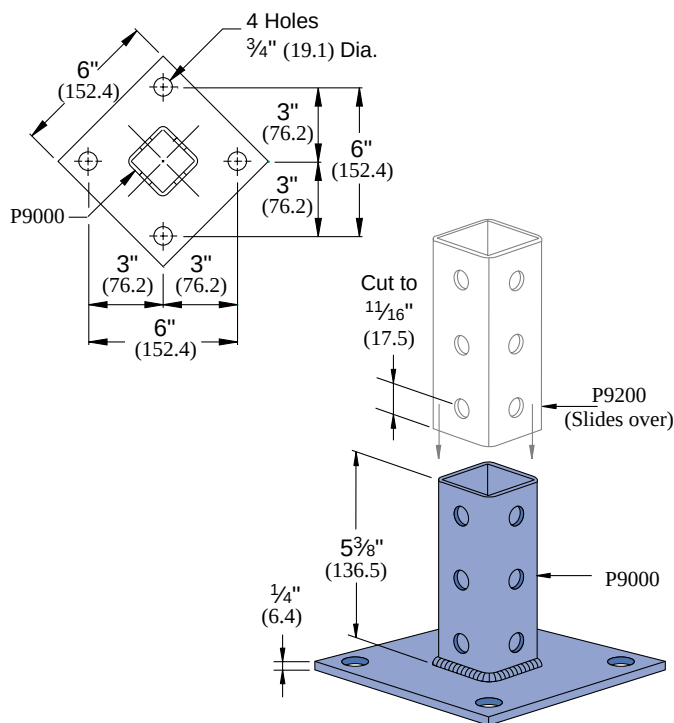
Standard Dimensions for 1 5/8" (41 mm) width series channel Fittings (Unless Otherwise Shown on Drawing)

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)



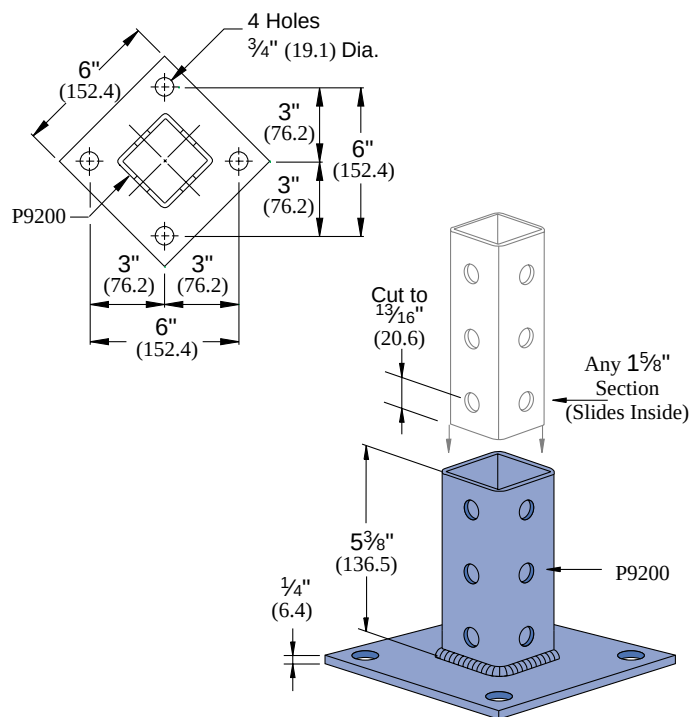
P9011

Wt/100 pcs: 332 Lbs (150.7 kg)



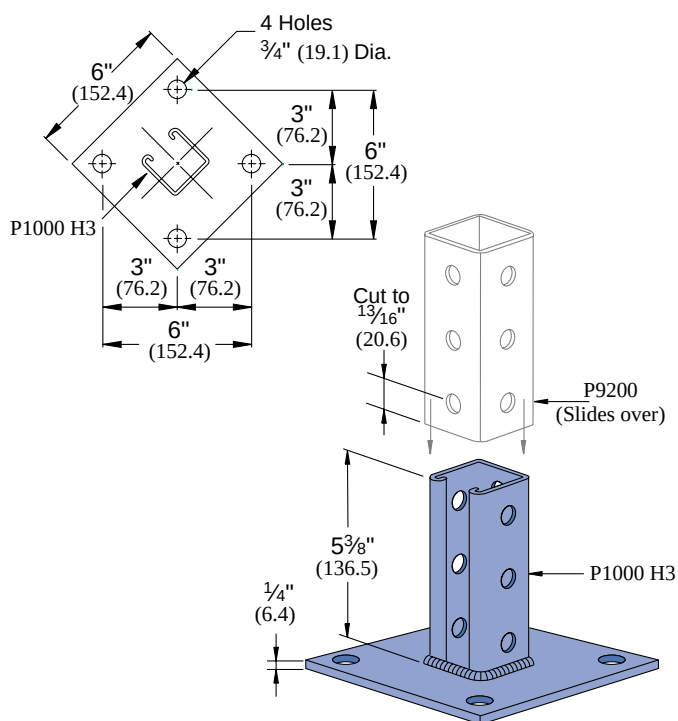
P9012

Wt/100 pcs: 340 Lbs (154 kg)



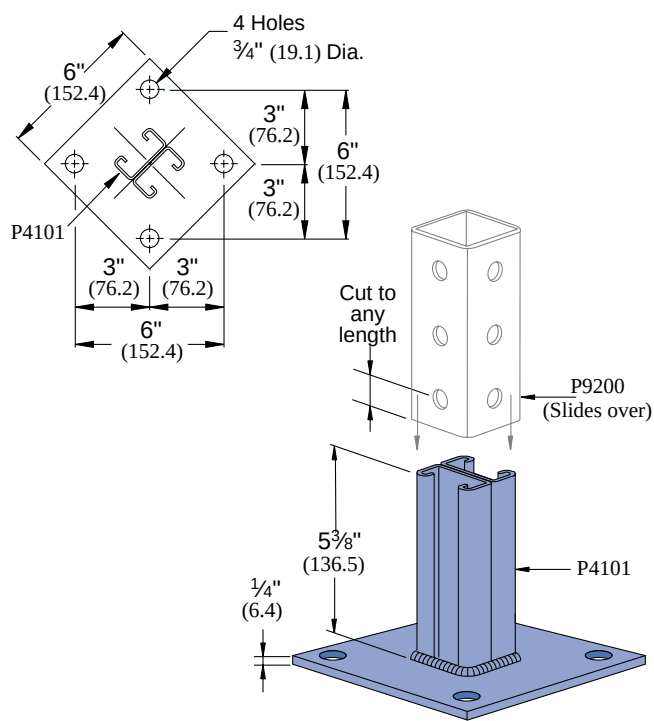
P9013

Wt/100 pcs: 318 Lbs (144.7 kg)



P9014

Wt/100 pcs: 303 Lbs (137.5 kg)



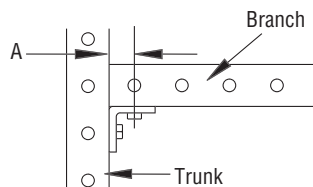
Standard Dimensions for 1 5/8" (41 mm) width series channel Fittings (Unless Otherwise Shown on Drawing)

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)

Cutting Chart

Fitting	1½" (41.3) Branch		1⅞" (47.6) Branch	
	Trunk	Trunk	Trunk	Trunk
	1½" (41.3)	1⅞" (47.6)	1½" (41.3)	1⅞" (47.6)
P1026	A	A	A	B
P1028	A	A	A	B
P1029	†	†	†	†
P1031	A	A	A	B
P1033	B	A	A	B
P1034	†	†	†	†
P1035	A	†	†	†
P1036	A	A	A	B
P1037	†	†	†	†
P1038	†	†	†	†
P1045	†	†	†	†
P1047	†	†	†	†
P1048	†	†	†	†
P1049	†	†	†	†
P1050	†	†	†	†
P1065	A	A	A	B
P1066	A	A	A	B
P1068	C	NR	NR	NR
P1130	A	A	A	C
P1131	A	A	A	C
P1290	A	NR	NR	NR
P1291	A	NR	NR	NR
P1325	A	NR	NR	NR
P1326	C	NR	NR	NR
P1334	A	A	A	B
P1346	A	A	A	B
P1347	C	NR	NR	NR
P1354	D	D	D	D
P1356	A	A	A	B
P1357	A	NR	NR	NR
P1358	A	A	A	B
P1359	A	NR	NR	NR
P1380	A	A	A	B
P1380 A	A	A	A	B
P1381	†	†	†	†
P1382	†	†	†	†
P1458	A	NR	NR	NR
P1498	†	†	†	†
P1499	†	†	†	†
P1538 A	C	A	A	C
P1538 B	C	A	A	C
P1538 C	C	A	A	C
P1538 D	C	A	A	C
P1579	A	NR	NR	NR
P1713	†	†	†	†

This table shows the value for "A" when using the specified fitting to connect the branch and trunk. Sizes "A" and "B" can be cut with the cutting alignment gauge (P9207). Other sizes require special cutting. Those marked NR are not recommended.



Fitting	1½" (41.3) Branch		1⅞" (47.6) Branch	
	Trunk	Trunk	Trunk	Trunk
	1½" (41.3)	1⅞" (47.6)	1½" (41.3)	1⅞" (47.6)
P1726	A	A	A	B
P1727	B	NR	NR	NR
P1728	†	†	†	†
P1747	†	†	†	†
P1750	†	†	†	†
P1821	†	†	†	†
P1822	†	†	†	†
P1823	†	†	†	†
P1843	D	D	D	D
P1873	†	†	†	†
P1834	†	NR	NR	NR
P1941	A	A	A	B
P1950	A	A	A	B
P1953	A	A	A	B
P1956	†	†	†	†
P1957	†	†	†	†
P2223	A	NR	A	NR
P2224	A	NR	A	NR
P2225	A	NR	A	NR
P2226	A	NR	A	NR
P2227	A	NR	A	NR
P2228	A	NR	A	NR
P2229	A	NR	A	NR
P2230	A	NR	A	NR
P2235	A	NR	NR	NR
P2245	A	NR	A	NR
P2324	E	NR	NR	F
P2325	E	A	A	F
P2326	E	NR	NR	F
P2341 R-L	A	NR	A	NR
P2343 R-L	A	NR	A	NR
P2344 R-L	A	NR	A	NR
P2345	A	NR	A	NR
P2346	A	NR	A	NR
P2347	A	NR	A	NR
P2348	A	NR	A	NR
P2472 R-L	C	NR	A	NR
P2815	C	NR	NR	NR
P2815 D	C	NR	NR	NR
P9324	G	G	G	G
P9325	A	A	A	A
P9484	A	A	A	A

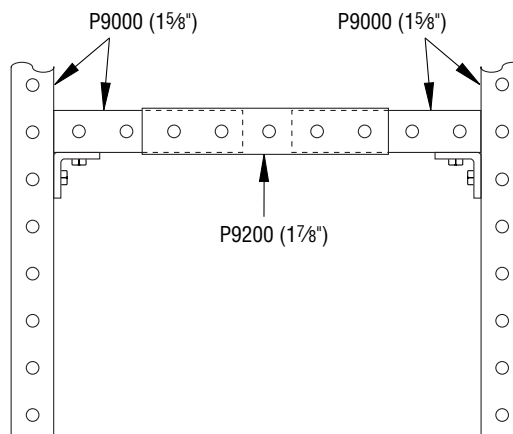
Legend

Designator	"A"	Designator	"A"
A	11½" 26.9	F	7½" * 11.1
B	15½" 23.8	G	15½" 26.6
C	13½" 20.6	NR	Not Recommended
D	1¼" 31.8	†	Special Cutting Req'd (See part dwg)
E	5½" * 15.9		



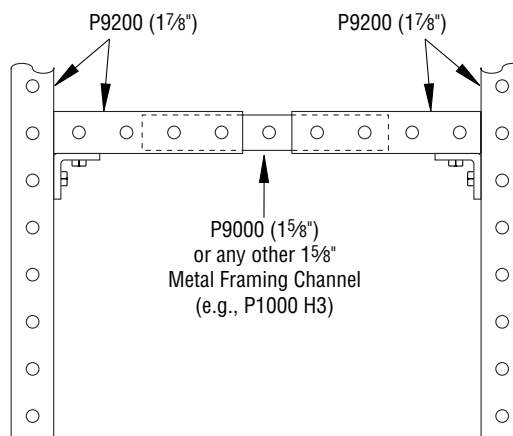
Preferred Three-Piece Assembly

In most applications, telescoping assemblies should be made from three sections of Telestrut material. The simplest construction utilizes a center section of 1 7/8" material (P9200) into which a 1 5/8" member (P9000) is telescoped from each end. In this way, all intersecting verticals and horizontals are formed from 1 5/8" members assuring maximum compatibility and ease of assembly



Alternate Three-Piece Assembly

A similar technique is to use a center 1 5/8" center member (P9000) which can be telescoped into 1 7/8" members used at both ends. With this method, all intersecting connections should be formed from compatible 1 7/8" members.



Two-Piece Assembly

Two-piece telescoping assemblies can be used, but special cutting of one or both telescoping members is needed to achieve proper alignment of fittings at the intersecting connections.

In addition, the right-angle members to which telescoping pieces are attached must be cut according to the illustration at right to insure smooth movement of telescoping members.

