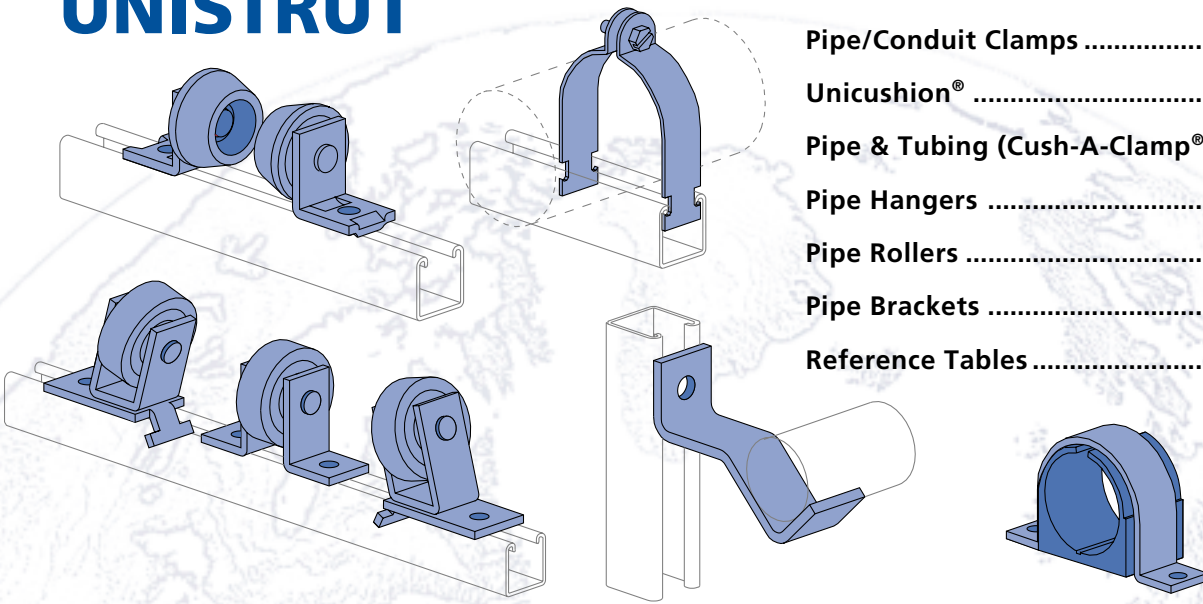




UNISTRUT®

PIPE/CONDUIT SUPPORTS



Pipe/Conduit Clamps	139
Unicushion®	144
Pipe & Tubing (Cush-A-Clamp®) Clamps	146
Pipe Hangers	149
Pipe Rollers	150
Pipe Brackets	153
Reference Tables	154

MATERIAL

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

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

FINISHES

Pipe supports are available in:

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

APPLICATION

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

DIMENSIONS

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

DESIGN BOLT TORQUE

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

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

DESIGN LOAD

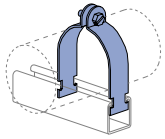
Design load data, where shown, is based on the ultimate strength of the connection with a safety factor of 5.0, unless otherwise noted.

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

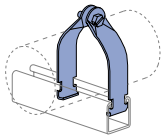
Material	Add Suffix to P/N	Example
Steel Strap, Everdur Hardware	E	P1109 E
Copper Coated Steel Strap & Hardware	CC	P1109 CC
Aluminum	AL	P1109 AL
Stainless Steel 304 or 316	SS or ST	P1109 SS
Plastic Coated Steel Straps	PC	P1109 PC



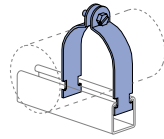
Pipe & Conduit Clamps



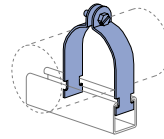
P1109 - Pg 139



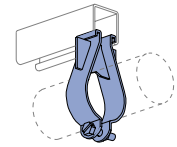
P1211 - Pg 141



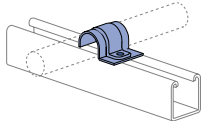
P1425 - Pg 139



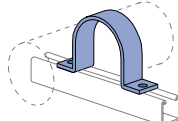
P2024 - Pg 140



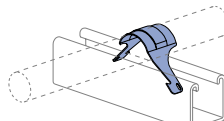
P1563 - Pg 141



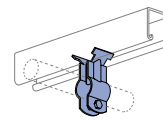
P2008 - Pg 141



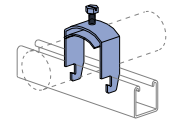
P2558 - Pg 142



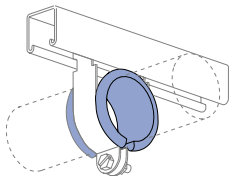
P2609 - Pg 142



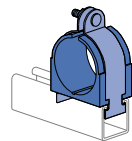
P3409 - Pg 143



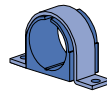
M5025 - Pg 143



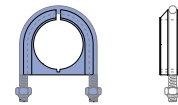
P2600 - Pg 144



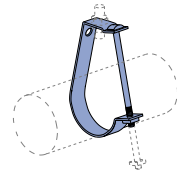
004T008 - Pg 146



004M007 - Pg 147

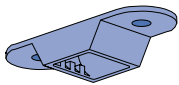


UB $\frac{1}{2}$ PA - Pg 148

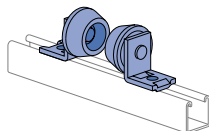


J1205 - Pg 149

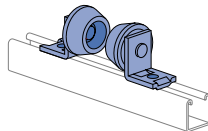
Pipe Rollers



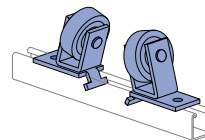
M30 - Pg 150



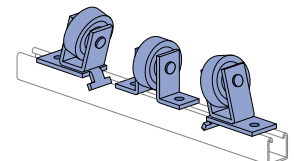
P2474 - Pg 150



P2474-1 - Pg 151

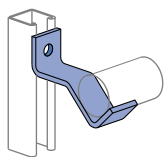


P2475 - Pg 152

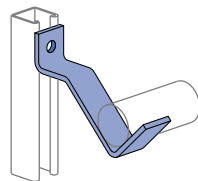


P2476 - Pg 152

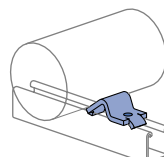
Pipe Brackets



P2481 - Pg 153



P2482 - Pg 153



P2243 - Pg 153

1 5/8" Channel

Telestrut System

Nuts & Hardware

General Fittings

Pipe/Conduit Supports

Electrical Fittings

Concrete Inserts

1 1/4" Framing System

1 3/16" Framing System

1 3/16" Framing System

Fiberglass System

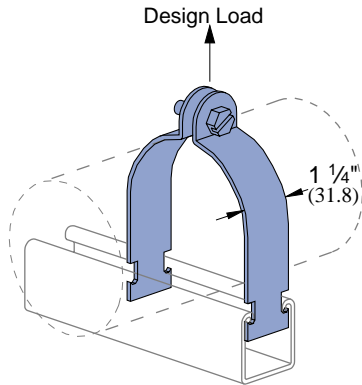
Special Metals

PrimeAngle System

Product Index

P1109 thru P1126

Pipe Clamps for Rigid Steel Conduit

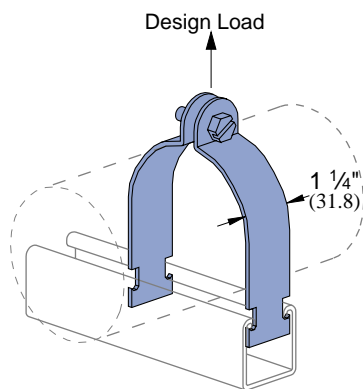


Slotted hex head screw and nut included.
Finish: Electro-galvanized.

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

P1425 thru P1431

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



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

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

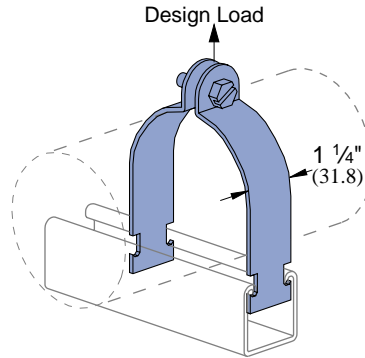


P2024 thru P2070-84

Pipe Clamps for O.D. Tubing

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

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



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

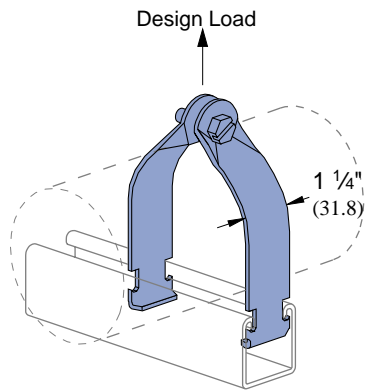
Part Number	O.D. Size In (mm)	Wt/100 pcs Lbs (kg)	Design Load Lbs (kg)
P2047	3 5/8 79.4	43 19.5	800 363
P2048	3 3/4 82.6	45 20.4	
P2049	3 3/8 85.7	46 20.9	1,000 454
P1119	3 1/2 88.9	47 21.3	
P2051	3 5/8 92.1	56 25.4	1,000 454
P2052	3 3/4 95.3	58 26.3	
P2053	3 7/8 98.4	60 27.2	1,000 454
P1120	4 101.6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

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

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

P1211 thru P1217

Universal Clamps for Rigid or Thinwall Conduit

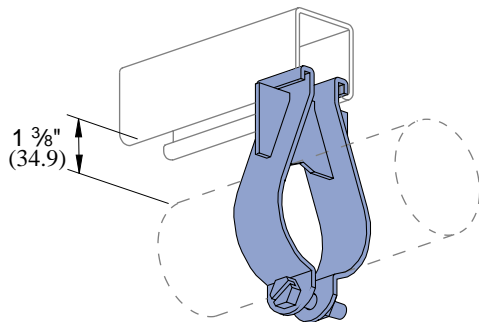


Slotted hex head screw and nut included.
Finish: Electro-galvanized.

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

P1563 thru P1573

Parallel Clamps for Rigid Conduit and Pipe

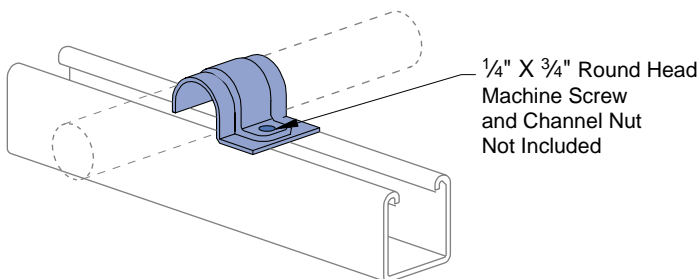


Slotted hex head screw and nut included.
Finish: Electro-galvanized.

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

P2008 thru P2020

One Hole Clamp for O.D. Tubing



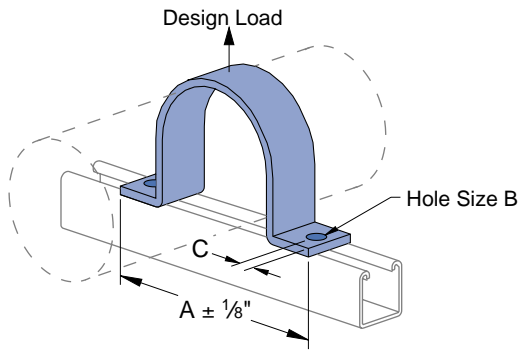
Finish: Electro-galvanized and Aluminum

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



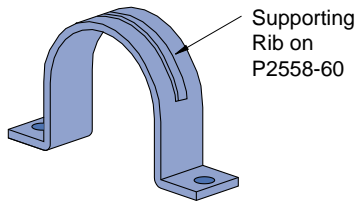
P2558-5 thru P2558-60

Single Piece Pipe Strap



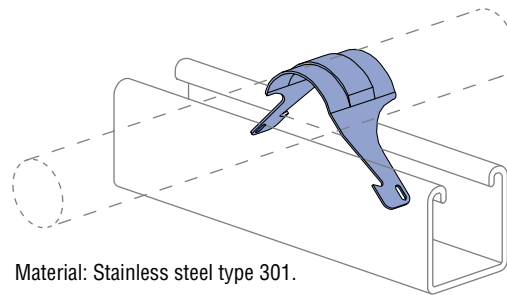
Part Number	Nominal Pipe Size In	A In (mm)	"B" In (mm)	C In (mm)	Thickness In (mm)	Wt/100 pcs Lbs (kg)	Design Load Lbs (kN)
P2558-05	1/2	2 7/8 73.0				23 10.4	
P2558-07	3/4	3 1/8 79.4				26 11.8	
P2558-10	1	3 3/8 85.7	9/32 7.1	7/16 11.1	1/8 3.2	31 14.1	500 2.2
P2558-12	1 1/4	3 3/4 95.3				35 15.9	
P2558-15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

Hardware sold separately.



P2609 thru P2617, P2426 thru P2431

UNI-CLIP® Support



Material: Stainless steel type 301.

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

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

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

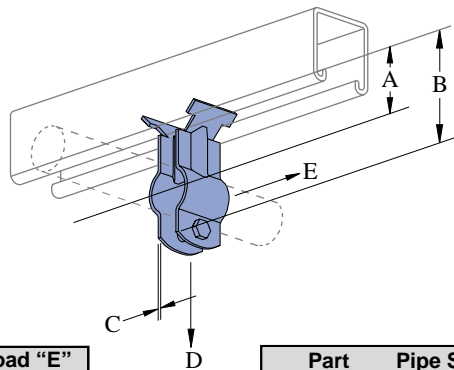
UNI-CLIP® SUPPORTS FOR RIGID STEEL CONDUIT

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

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

P3409 thru P3417

Stand-off Pipe Clamps



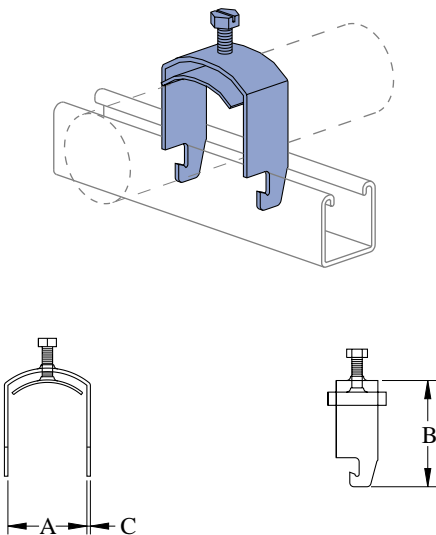
Hardware included.
 Finish: Electro-galvanized.
 Pipe Clamp 1¼" Wide
 Patent No. 3417951.
 Safety factor of 5

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

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

M5025 thru M5060

One-piece Cable and Conduit Clamps



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

Finish: Electro-galvanized and Aluminum.

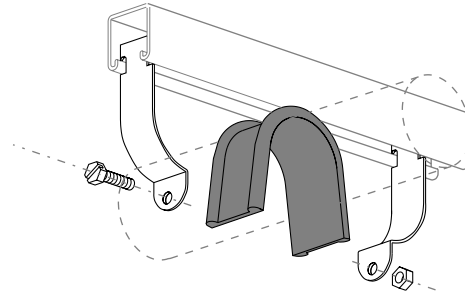
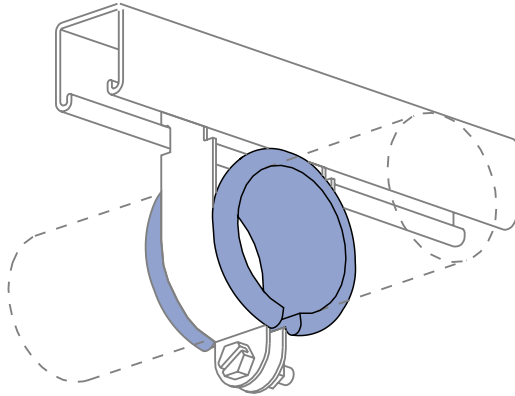
15/8" Channel
 Telesruct System
 Nuts & Hardware
 General Fittings
 Pipe/Conduit Supports
 Electrical Fittings
 Concrete Inserts
 1 1/2" Framing System
 1 3/8" Framing System
 Fiberglass System
 Special Metals
 PrimeAngle System
 Product Index



P2600

UNICUSHION®: Isolation Material

Wt/Carton: 2.5 Lbs (1.1 kg)



UNICUSHION FEATURES

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

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

Clamp Selection & Cutting Guide

UNICUSHION®

EMT CONDUIT

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

STANDARD PIPE OR RIGID CONDUIT

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

COPPER TUBING TYPE K OR L

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

1 5/8" Channel
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Clamp Selection & Cutting Guide (continued)

UNICUSHION®

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

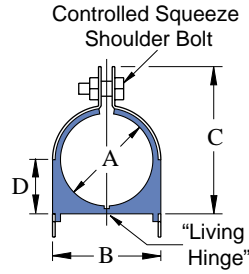
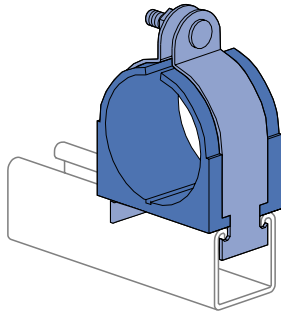
O. D. Size In (mm)	Use With Clamp	UNICUSHION Length In (mm)
3⅝ 79.4	P2048	10 254.0
3¼ 82.6	P2049	10½ 266.7
3⅜ 85.7	P1119	10¾ 273.1
3½ 88.9	P2051	11 279.4
3⅝ 92.1	P2052	11¼ 285.8
3¾ 95.3	P2053	11½ 292.1
3⅞ 98.4	P1120	11¾ 298.5
4 101.6	P2055	12 304.8
4⅛ 104.8	P2056	12½ 317.5
4¼ 108.0	P2057	13 330.2
4⅝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

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



004T008 thru 098N106, 009N012 thru 106N114

CUSH-A-CLAMP® Assembly



Tube Series Assembly

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

Materials:

Clamp: Electro-galvanized or stainless steel.

Cushion: Thermoplastic elastomer.

Includes cushion, clamp and hardware.

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

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

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

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

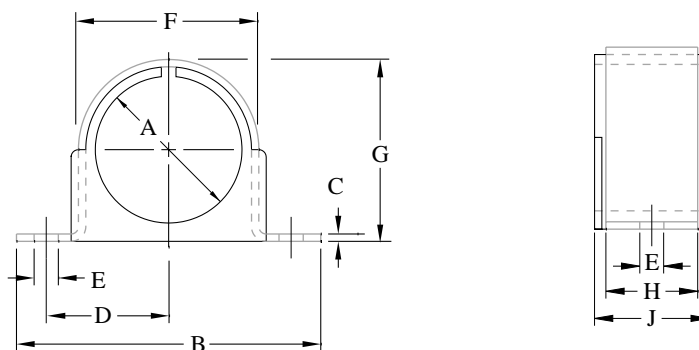
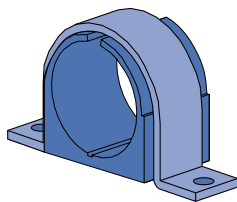
Pipe Series Assembly

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

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

004M007 thru 034M040

CUSH-A-CLAMP® Assembly Omega Series™



Includes clamp and cushion.

Materials: Clamp: ZD or stainless steel.

Cushion: Thermoplastic elastomer..

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

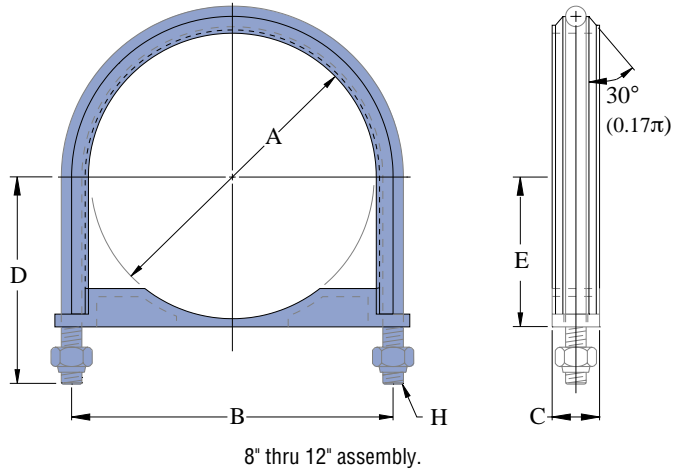
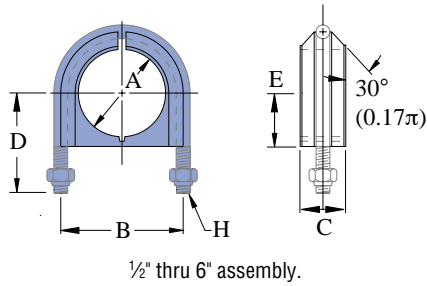
Part Number	Copper & Steel Tubing O. D. In	Copper Water Pipe (Nominal) In	Pipe Size (Nominal) In	Dimensions										Wt/100 pcs Lbs (kg)
				"A" In (mm)	"B" In (mm)	"C" In (mm)	"D" In (mm)	"E" In (mm)	"F" In (mm)	"G" In (mm)	"H" In (mm)	"J" In (mm)		
004M007	¼			0.25 6.4	1.81 46.0	0.06 1.5	0.60 15.2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

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



UB¹/₂PA thru UB12PA

CUSH-A-CLAMP® Assembly U-Bolt Series



Includes U bolt, cushion, and hardware.

Materials:

U Bolt: Electro-galvanized finish or Type 316SS

Cushion: Thermoplastic elastomer.

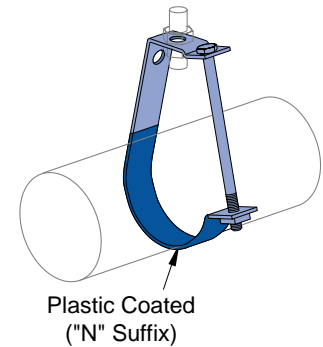
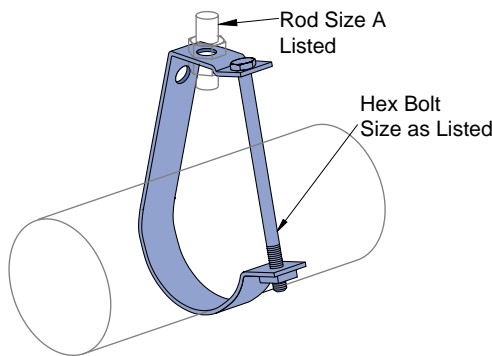
Note: Not intended for use with metal framing components due to the length of the thread.

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

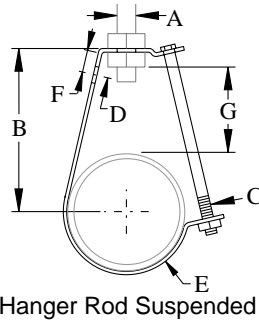
15/8" Channel
 Telestrut System
 Hardware
 General Fittings
 Pipe/Conduit Supports
 Electrical Fittings
 Concrete Inserts
 1 1/4" Framing System
 1 1/2" Framing System
 1 3/4" Framing System
 Fiberglass System
 Special Metals
 PrimeAngle System
 Product Index

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

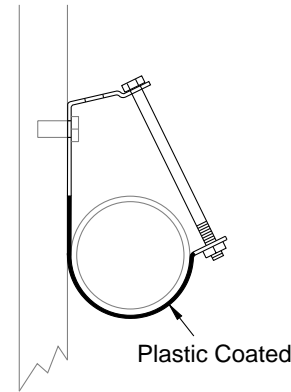
"J" Conduit & Pipe Hanger



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



Hanger Rod Suspended



"T" Bolt and Nut Included

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

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



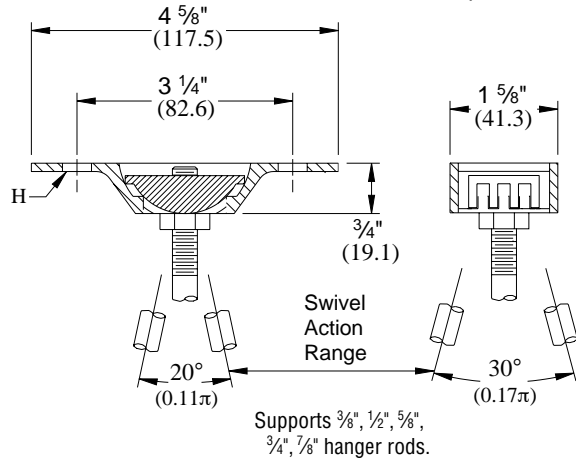
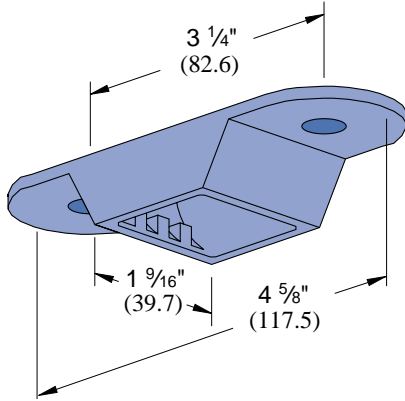
M30 & M31

Swivel Ceiling Flanges

Wt/100 pcs: 40 Lbs (18.1 kg)



for pipe sizes
3/4" to 2".



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

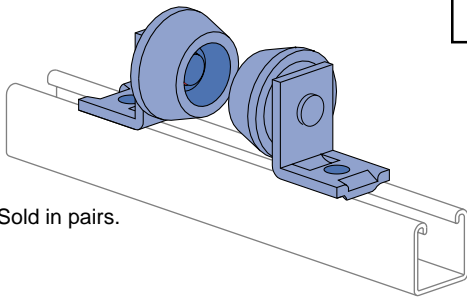
Note: Concrete Insert Section for M26 swivel nuts
Material: Malleable Iron.
Patent No. 2953874.

P2474

Design Load
500 Lbs (226.8 kg)

Pipe Roller for 1/2" - 4" Pipe

Wt/100 pcs: 268 Lbs (121.6 kg)



Sold in pairs.

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

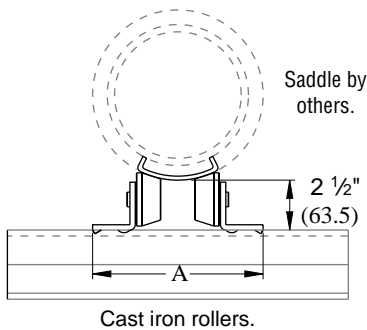


Chart for Dimension A

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

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

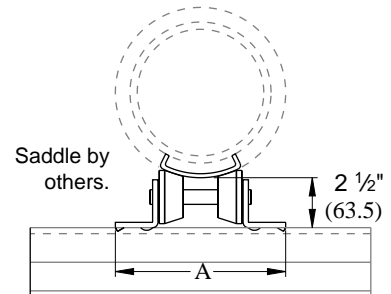
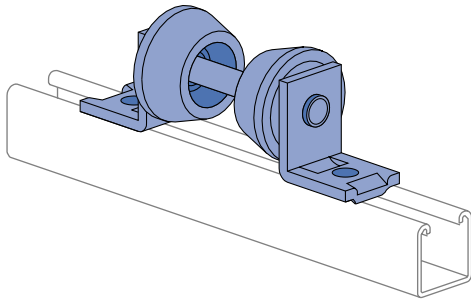
Hole Diameter: 9/16" (14.3mm); Hole Spacing - From End: 13/16" (20.6 mm); Hole Spacing - On Center: 1 7/8" (47.6 mm); Width: 1 5/8" (41mm); Thickness: 1/4" (6.4mm)

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

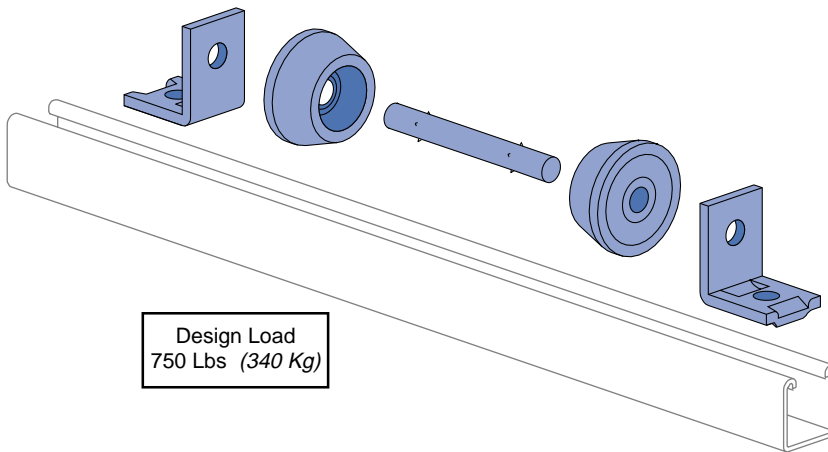
P2474-1 thru P2474-4

Pipe Roller for 1" - 8" Pipe

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



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



Design Load
750 Lbs (340 Kg)

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

Parts are shipped loose and are easily assembled during installation.

Chart for Roller Part Number Selection

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

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

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

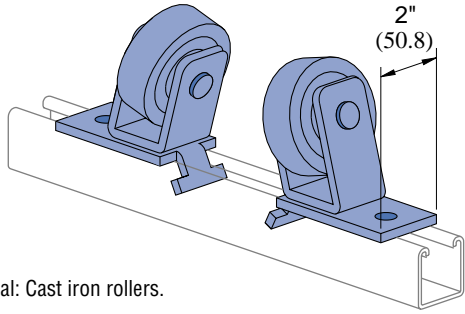


P2475

Pipe Roller for 6" - 16" Pipe

Wt/100 pcs: 680 Lbs (308.4 kg)

Sold in pairs.



Material: Cast iron rollers.

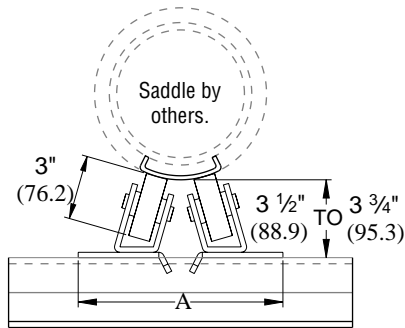
- Requires 2 each 1/2" x 15/16" bolts and 1/2" channel nuts per assembly. Sold separately.

Design Load
1500 Lbs (680 Kg)

Chart for Dimension A

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

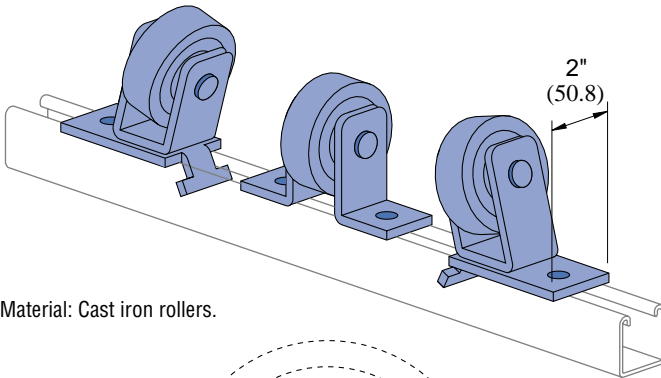
(*Not used for this size)



P2476

Pipe Roller for 16" - 24" Pipe

Wt/100 pcs: 1046 Lbs (474.5 kg)



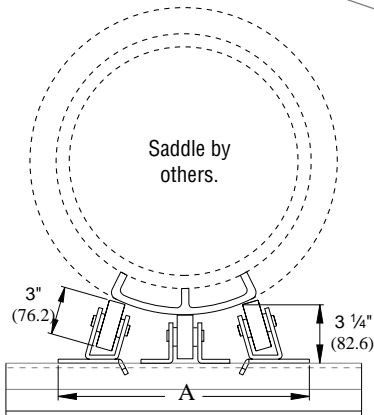
Material: Cast iron rollers.

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

Design Load
2000 Lbs (907 kg)

Chart for Dimension A

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



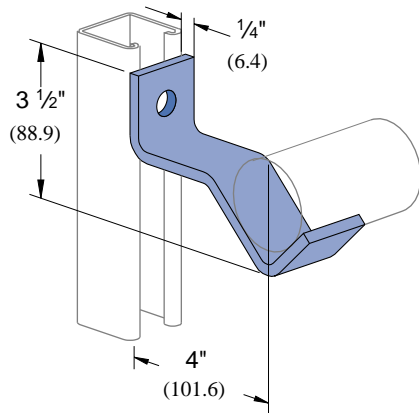
Standard Dimensions for 1 5/8" (41 mm) width series channel fittings (Unless Otherwise Shown on Drawing)

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

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

P2481

Pipe Support Bracket

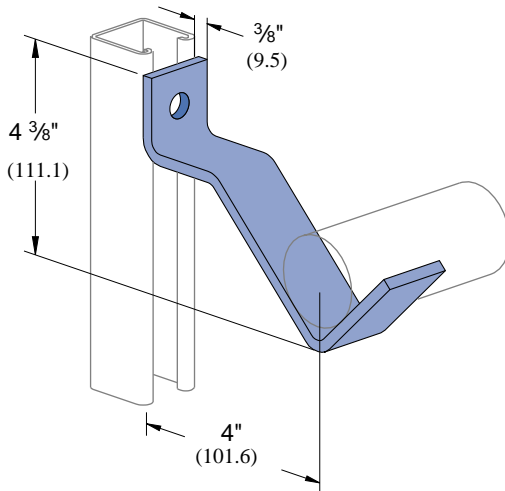


For 1/2" pipe to 1 1/2" pipe.
Design Load (Channel Upright Listed)

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

P2482

Pipe Support Bracket



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

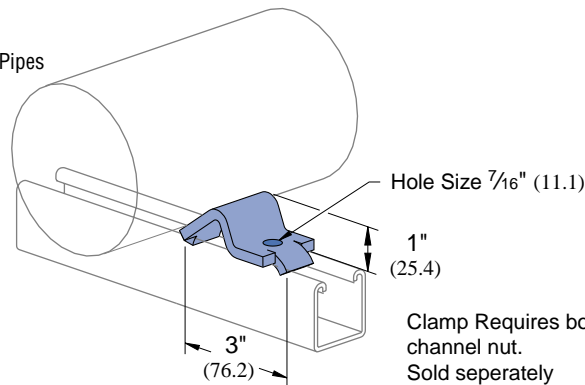
Wt/100 pcs Lbs (kg)	P1000 Lbs (kg)	P1100 Lbs (kg)	P2000 Lbs (kg)
139 63.0	185 83.9	120 54.4	95 43.1

P2243

Pipe Block

Wt/100 pcs: 40 Lbs (18.1 kg)

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



Clamp Requires bolt and channel nut.
Sold separately

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

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



Nominal Pipe Dia.		Centerline to Centerline (In/mm)																					
		¾" (19mm)			1" (25mm)			1¼" (32mm)			1½" (38mm)			2" (51mm)			2½" (64mm)						
		T	S	T	F	S	T	F	S	T	F	S	T	F	S	T	F	S					
¾" 19mm	T	4¾ 121	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	S	4½ 114	4¾ 108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	F	5 127	4¾ 121	5¼ 133	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1" 25mm	T	5 127	4¾ 121	5¼ 133	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	F	6 152	5¾ 146	6¼ 159	7¼ 184	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	S	4¾ 121	4½ 114	5 127	6 152	4½ 114	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1¼" 32mm	T	5¼ 133	5 127	5½ 140	6½ 165	5 127	5½ 140	-	-	-	-	-	-	-	-	-	-	-	-	-			
	F	6¼ 159	6 152	6½ 165	7½ 191	6¼ 159	6¾ 171	7¼ 197	-	-	-	-	-	-	-	-	-	-	-	-	-		
	S	4¾ 121	4½ 114	5 127	6 152	4½ 114	5¼ 133	6¼ 159	4¾ 121	-	-	-	-	-	-	-	-	-	-	-	-		
1½" 38mm	T	5¼ 133	5 127	5½ 140	6½ 165	5¼ 133	5¾ 146	6¾ 171	5¼ 133	5¾ 146	-	-	-	-	-	-	-	-	-	-	-		
	F	6½ 165	6¼ 159	6¾ 171	7¾ 197	6¼ 159	6¾ 171	8 203	6½ 165	7 178	8 203	-	-	-	-	-	-	-	-	-	-		
	S	5 127	4¾ 121	5¼ 133	6¼ 159	4¾ 121	5¼ 133	6 152	5 127	5½ 140	6½ 165	5 127	5½ 140	6½ 165	5 127	-	-	-	-	-	-	-	
2" 51mm	T	5¾ 146	5½ 140	6 152	7 178	5½ 140	6 152	7¼ 184	5¾ 146	6¼ 159	7¼ 184	5¾ 146	6¼ 159	7¼ 184	6½ 165	-	-	-	-	-	-	-	
	F	7 178	6¾ 171	7¼ 184	8¼ 210	6¾ 171	7¼ 184	8½ 216	7 178	7½ 191	8½ 216	7 178	7½ 191	8½ 216	7¼ 197	9 229	-	-	-	-	-	-	
	S	5¼ 133	5 127	5½ 140	6½ 165	5 127	5½ 140	6¾ 171	5¼ 133	5¾ 146	6¾ 171	5¼ 133	5¾ 146	6¾ 171	6 152	7¼ 184	5½ 140	-	-	-	-	-	-
2½" 64mm	T	6 152	5¾ 146	6¼ 159	7¼ 184	6 152	6½ 165	7½ 191	6 152	6½ 165	7½ 191	6 152	6½ 165	7½ 191	8¼ 210	7¼ 184	6½ 165	7¼ 184	8¼ 210	6½ 165	7¼ 184	8¼ 210	
	F	7½ 191	7¼ 184	7¾ 197	8¾ 222	7¼ 184	7¾ 197	9 229	7½ 191	8 203	9 229	7½ 191	8 203	9 229	8¼ 210	9½ 241	7¼ 197	8¼ 210	9½ 241	8¼ 210	9½ 241	10 254	
	S	5½ 140	5¼ 133	5¾ 146	6¾ 171	5¼ 133	5¾ 146	7 178	5½ 140	6 152	7 178	5½ 140	6 152	7 178	6¼ 159	7½ 191	5¼ 133	6¼ 159	7½ 191	6¼ 159	7½ 191	8 203	6 152
3" 76mm	T	6¼ 159	6 152	6½ 165	7½ 191	6¼ 159	6¾ 171	7¾ 197	6¼ 159	6¾ 171	7¾ 197	6¼ 159	6¾ 171	7¾ 197	8¼ 210	7¼ 184	6½ 165	7¼ 184	8¼ 210	7¼ 184	8¼ 210	9 229	7 178
	F	7¾ 197	7½ 191	8 203	9 229	7½ 191	8 203	9¼ 235	7¾ 197	8¼ 210	9¼ 235	7¾ 197	8¼ 210	9¼ 235	8½ 216	9¼ 235	8 203	9¼ 235	9½ 241	8½ 216	9¼ 235	10¼ 260	8¼ 210
	S	5¾ 146	5½ 140	6 152	7 178	5½ 140	6 152	7¼ 184	5¾ 146	6¼ 159	7¼ 184	5¾ 146	6¼ 159	7¼ 184	6½ 165	7¼ 184	5½ 140	6½ 165	7¼ 184	6½ 165	7¼ 184	8¼ 210	6¼ 159
4" 102mm	T	7½ 191	7¼ 184	7¾ 197	8¾ 222	7¼ 184	7¾ 197	9 229	7½ 191	8 203	9 229	7½ 191	8 203	9 229	8¼ 210	9¼ 235	7¼ 184	8¼ 210	9¼ 235	8¼ 210	9¼ 235	10 254	8 203
	F	9 229	8¾ 222	9¼ 235	10¼ 260	8¾ 222	9¼ 235	10½ 267	9 229	9½ 241	10½ 267	9 229	9½ 241	10½ 267	9¼ 235	10¼ 260	9¼ 235	10¼ 260	11 279	9¼ 235	10¼ 260	11½ 292	9½ 241
	S	6¾ 171	6½ 165	7 178	8 203	6½ 165	7 178	8¼ 210	6¾ 171	7¼ 184	8¼ 210	6¾ 171	7¼ 184	8¼ 210	7½ 191	8¼ 210	7 178	8¼ 210	9 229	7½ 191	8¼ 210	9¼ 235	7¼ 184
5" 127mm	T	8 203	7¾ 197	8¼ 210	9¼ 235	7¾ 197	8¼ 210	9¼ 235	8 203	8½ 216	9¼ 235	8 203	8½ 216	9¼ 235	8¼ 210	9¼ 235	8¼ 210	9¼ 235	10 254	8¼ 210	9¼ 235	10½ 267	8½ 216
	F	9½ 241	9¼ 235	9¾ 248	10¾ 273	9¼ 235	9¾ 248	11 279	9½ 241	10 254	11 279	9½ 241	10 254	11 279	10¼ 260	11½ 292	9¼ 235	10¼ 260	11½ 292	10¼ 260	11½ 292	12 305	10 254
	S	7¼ 184	7 178	7½ 191	8¼ 210	7 178	7½ 191	8¾ 222	7¼ 184	7¾ 197	8¾ 222	7¼ 184	7¾ 197	8¾ 222	8 203	9¼ 235	7½ 191	8¼ 210	9¼ 235	8¼ 210	9¼ 235	10¼ 260	7¾ 197
6" 152mm	T	8¾ 222	8½ 216	9 229	10 254	8½ 216	9 229	10¼ 260	8¾ 222	9¼ 235	10¼ 260	8¾ 222	9¼ 235	10¼ 260	9½ 241	10¼ 260	9 229	10¼ 260	11 279	9½ 241	10¼ 260	11¼ 286	9¼ 235
	F	10 254	9¾ 248	10¼ 260	11¼ 286	9¾ 248	10¼ 260	11½ 292	10 254	10½ 267	11½ 292	10 254	10½ 267	11½ 292	10¾ 273	12 305	10¼ 260	11¼ 286	12 305	10¾ 273	11¼ 286	12½ 318	10½ 267
	S	7¾ 197	7½ 191	8 203	9 229	7½ 191	8 203	9¼ 235	7¾ 197	8¼ 210	9¼ 235	7¾ 197	8¼ 210	9¼ 235	8½ 216	9¼ 235	8 203	9¼ 235	10 254	8½ 216	9¼ 235	10¼ 260	8¼ 210
8" 203mm	T	8¾ 222	9½ 241	10 254	11 279	9¾ 248	10½ 267	11¼ 286	9¾ 248	10¼ 260	11½ 292	9¾ 248	10¼ 260	11½ 292	10¾ 273	12 305	10½ 267	11¼ 286	12 305	10¾ 273	11¼ 286	12½ 318	10½ 267
	F	11¼ 286	11 279	11½ 292	12½ 318	11 279	11½ 292	12¾ 324	11¼ 286	11¾ 324	12¾ 324	11¼ 286	11¾ 324	12¾ 324	12 305	13¼ 337	11½ 292	12½ 318	13¼ 337	12½ 318	13¼ 337	14¼ 349	11¾ 298
10" 254mm	T	11¼ 286	11 279	11½ 292	12½ 318	11 279	11½ 292	12¾ 324	11¼ 286	11¾ 324	12¾ 324	11¼ 286	11¾ 324	12¾ 324	12 305	13¼ 337	11½ 292	12½ 318	13¼ 337	12½ 318	13¼ 337	14¼ 349	11¾ 298
	F	12½ 318	12¼ 311	12¾ 324	13¾ 349	12¼ 311	12¾ 324	14 356	12½ 318	13 330	14 356	12½ 318	13 330	14 356	13¾ 368	14½ 381	12¾ 324	13¾ 349	14½ 381	13¾ 349	14½ 381	15 394	13 330
12" 305mm	T	12¼ 311	12 305	12½ 318	13½ 343	12 305	12½ 318	13¾ 349	12¼ 311	12¾ 324	13¾ 349	12¼ 311	12¾ 324	13¾ 349	13 330	14¼ 362	12½ 318	13½ 343	14¼ 362	13½ 343	14¼ 362	15¼ 387	12¾ 324
	F	14 356	13¾ 349	14¼ 362	15¼ 387	13¾ 349	14¼ 362	15½ 394	14 356	14½ 368	15½ 394	14 356	14½ 368	15½ 394	14¾ 375	16 406	14¼ 362	15¼ 387	16 406	14¾ 375	15¼ 387	16½ 419	14½ 362

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

Pipe Spacing Table

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

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

These factors are included in the dimensions given:

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

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

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



Channel Selection for Schedule 10 Sprinkler Pipe Trapeze Hangers

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

Schedule 10 Pipe Trapeze - P3000												
Span of	1	1¼	1½	2	2½	3	3½	4	5	6	8	10
Trapeze	2.5	3.2	3.8	5.1	6.4	7.6	8.9	10.2	12.7	15.2	20.3	25.4
1 ft. 6 in.	0.08	0.09	0.09	0.09	0.10	0.11	0.12	0.13	-	-	-	-
0.46 m	1.31	1.47	1.47	1.47	1.64	1.80	1.97	1.97	-	-	-	-
2 ft.	0.11	0.12	0.12	0.13	0.13	0.15	-	-	-	-	-	-
0.61 m	1.8	1.97	1.97	2.13	2.13	2.46	-	-	-	-	-	-
2 ft. 6 in.	0.14	0.14	0.15	-	-	-	-	-	-	-	-	-
0.76 m	2.29	2.29	2.46	-	-	-	-	-	-	-	-	-

Schedule 10 Pipe Trapeze - P1000												
Span of	1	1¼	1½	2	2½	3	3½	4	5	6	8	10
Trapeze	2.5	3.2	3.8	5.1	6.4	7.6	8.9	10.2	12.7	15.2	20.3	25.4
1 ft. 6 in.	0.08	0.09	0.09	0.09	0.10	0.11	0.12	0.13	0.15	0.18	-	-
0.46 m	1.31	1.47	1.47	1.47	1.64	1.80	1.97	2.13	2.46	2.95	-	-
2 ft.	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.17	0.20	-	-	-
0.61 m	1.8	1.97	1.97	2.13	2.13	2.46	2.62	2.79	3.28	-	-	-
2 ft. 6 in.	0.14	0.14	0.15	0.16	0.17	0.18	0.20	-	-	-	-	-
0.76 m	2.29	2.29	2.46	2.62	2.79	2.95	3.28	-	-	-	-	-
3 ft.	0.17	0.17	0.18	0.19	0.20	0.22	0.24	-	-	-	-	-
0.91 m	2.79	2.79	2.95	3.11	3.28	-	-	-	-	-	-	-

Schedule 10 Pipe Trapeze - P5000												
Span of	1	1¼	1½	2	2½	3	3½	4	5	6	8	10
Trapeze	2.5	3.2	3.8	5.1	6.4	7.6	8.9	10.2	12.7	15.2	20.3	25.4
1 ft. 6 in.	0.08	0.09	0.09	0.09	0.10	0.11	0.12	0.13	0.15	0.18	0.24	0.32
0.46 m	1.31	1.47	1.47	1.47	1.64	1.80	1.97	2.13	2.46	2.95	3.93	5.24
2 ft.	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.17	0.20	0.24	0.32	0.43
0.61 m	1.8	1.97	1.97	2.13	2.13	2.46	2.62	2.79	3.28	3.93	5.24	7.05
2 ft. 6 in.	0.14	0.14	0.15	0.16	0.17	0.18	0.20	0.21	0.25	0.30	-	-
0.76 m	2.29	2.29	2.46	2.62	2.79	2.95	3.28	3.44	4.10	4.92	-	-
3 ft.	0.17	0.17	0.18	0.19	0.20	0.22	0.24	0.26	0.31	0.36	-	-
0.91 m	2.79	2.79	2.95	3.11	3.28	3.61	3.93	4.26	5.08	5.90	-	-
4 ft.	0.22	0.23	0.24	0.25	0.27	0.29	0.32	0.34	-	-	-	-
1.22 m	3.61	3.77	3.93	4.10	4.42	4.75	5.24	5.57	-	-	-	-
5 ft.	0.28	0.29	0.30	0.31	0.34	0.37	-	-	-	-	-	-
1.52 m	4.59	4.75	4.92	5.08	5.57	6.06	-	-	-	-	-	-
6 ft.	0.33	0.35	0.36	0.38	-	-	-	-	-	-	-	-
1.83 m	5.41	5.74	5.90	6.23	-	-	-	-	-	-	-	-
7 ft.	0.39	-	-	-	-	-	-	-	-	-	-	-
2.13 m	6.39	-	-	-	-	-	-	-	-	-	-	-

Schedule 10 Pipe Trapeze - P1001												
Span of	1	1¼	1½	2	2½	3	3½	4	5	6	8	10
Trapeze	2.5	3.2	3.8	5.1	6.4	7.6	8.9	10.2	12.7	15.2	20.3	25.4
2 ft. 6 in.	0.14	0.14	0.15	0.16	0.17	0.18	0.20	0.21	0.25	0.30	0.40	0.54
0.76 m	2.29	2.29	2.46	2.62	2.79	2.95	3.28	3.44	4.10	4.92	6.55	8.85
3 ft.	0.17	0.17	0.18	0.19	0.20	0.22	0.24	0.26	0.31	0.36	0.48	-
0.91 m	2.79	2.79	2.95	3.11	3.28	3.61	3.93	4.26	5.08	5.90	7.87	-
4 ft.	0.22	0.23	0.24	0.25	0.27	0.29	0.32	0.34	0.41	0.48	-	-
1.22 m	3.61	3.77	3.93	4.10	4.42	4.75	5.24	5.57	6.72	7.87	-	-
5 ft.	0.28	0.29	0.30	0.31	0.34	0.37	0.40	0.43	0.51	-	-	-
1.52 m	4.59	4.75	4.92	5.08	5.57	6.06	6.55	7.05	8.36	-	-	-
6 ft.	0.33	0.35	0.36	0.38	0.41	0.44	0.48	0.51	-	-	-	-
1.83 m	5.41	5.74	5.90	6.23	6.72	7.21	7.87	8.36	-	-	-	-
7 ft.	0.39	0.40	0.41	0.44	0.47	0.52	0.55	-	-	-	-	-
2.13 m	6.39	6.55	6.72	7.21	7.70	8.52	9.01	-	-	-	-	-
8 ft.	0.44	0.46	0.47	0.50	0.54	-	-	-	-	-	-	-
2.44 m	7.21	7.54	7.70	8.19	8.85	-	-	-	-	-	-	-
9 ft.	0.50	0.52	0.53	0.56	-	-	-	-	-	-	-	-
2.74 m	8.19	8.52	8.69	9.18	-	-	-	-	-	-	-	-
10 ft.	0.56	-	-	-	-	-	-	-	-	-	-	-
3.05 m	9.18	-	-	-	-	-	-	-	-	-	-	-

Schedule 10 Pipe Trapeze - P5501												
Span of	1	1¼	1½	2	2½	3	3½	4	5	6	8	10
Trapeze	2.5	3.2	3.8	5.1	6.4	7.6	8.9	10.2	12.7	15.2	20.3	25.4
5 ft.	0.28	0.29	0.30	0.31	0.34	0.37	0.40	0.43	0.51	0.59	0.80	1.08
1.52 m	4.59	4.75	4.92	5.08	5.57	6.06	6.55	7.05	8.36	9.67	13.11	17.70
6 ft.	0.33	0.35	0.36	0.38	0.41	0.44	0.48	0.51	0.61	0.71	0.97	-
1.83 m	5.41	5.74	5.90	6.23	6.72	7.21	7.87	8.36	10.00	11.63	15.90	-
7 ft.	0.39	0.40	0.41	0.44	0.47	0.52	0.55	0.60	0.71	0.83	-	-
2.13 m	6.39	6.55	6.72	7.21	7.70	8.52	9.01	9.83	11.63	13.60	-	-
8 ft.	0.44	0.46	0.47	0.50	0.54	0.59	0.63	0.68	0.81	0.95	-	-
2.44 m	7.21	7.54	7.70	8.19	8.85	9.67	10.32	11.14	13.27	15.57	-	-
9 ft.	0.50	0.52	0.53	0.56	0.61	0.66	0.71	0.77	0.92	1.07	-	-
2.74 m	8.19	8.52	8.69	9.18	10.00	10.82	11.63	12.62	15.08	1	-	-
10 ft.	0.56	0.58	0.59	0.63	0.68	0.74	0.79	0.85	1.02	-	-	-
3.05 m	9.18	9.50	9.67	10.32	11.14	12.13	12.95	13.93	16.71	-	-	-

Schedule 10 Pipe Trapeze - P1004A												
Span of	1	1¼	1½	2	2½	3	3½	4	5	6	8	10
Trapeze	2.5	3.2	3.8	5.1	6.4	7.6	8.9	10.2	12.7	15.2	20.3	25.4
5 ft.	0.28	0.29	0.30	0.31	0.34	0.37	0.40	0.43	0.51	0.59	0.80	1.08
1.52 m	4.59	4.75	4.92	5.08	5.57	6.06	6.55	7.05	8.36	9.67	13.11	17.70
6 ft.	0.33	0.35	0.36	0.38	0.41	0.44	0.48	0.51	0.61	0.71	0.97	1.30
1.83 m	5.41	5.74	5.90	6.23	6.72	7.21	7.87	8.36	10.00	11.63	15.90	21.30
7 ft.	0.39	0.40	0.41	0.44	0.47	0.52	0.55	0.60	0.71	0.83	1.13	1.52
2.13 m	6.39	6.55	6.72	7.21	7.70	8.52	9.01	9.83	11.63	13.60	18.52	24.91
8 ft.	0.44	0.46	0.47	0.50	0.54	0.59	0.63	0.68	0.81	0.95	1.29	-
2.44 m	7.21	7.54	7.70	8.19	8.85	9.67	10.32	11.14	13.27	15.57	21.14	-
9 ft.	0.50	0.52	0.53	0.56	0.61	0.66	0.71	0.77	0.92	1.07	1.45	-
2.74 m	8.19	8.52	8.69	9.18	10.00	10.82	11.63	12.62	15.08	17.53	23.76	-
10 ft.	0.56	0.58	0.59	0.63	0.68	0.74	0.79	0.85	1.02	1.19	1.61	-
3.05 m	9.18	9.50	9.67	10.32	11.14	12.13	12.95	13.93	16.71	19.50	26.38	-

Schedule 10 Pipe Trapeze - P1004A (2)												
Span of	1	1¼	1½	2	2½	3	3½	4	5	6	8	10
Trapeze	2.5	3.2	3.8	5.1	6.4	7.6	8.9	10.2	12.7	15.2	20.3	25.4
5 ft.	0.28	0.29	0.30	0.31	0.34	0.37	0.40	0.43	0.51	0.59	0.80	1.08
1.52 m	4.59	4.75	4.92	5.08	5.57	6.06	6.55	7.05	8.36	9.67	13.11	17.70
6 ft.	0.33	0.35	0.36	0.38	0.41	0.44	0.48	0.51	0.61	0.71	0.97	1.30
1.83 m	5.41	5.74	5.90	6.23	6.72	7.21	7.87	8.36	10.00	11.63	15.90	21.30
7 ft.	0.39	0.40	0.41	0.44	0.47	0.52	0.55	0.60	0.71	0.83	1.13	1.52
2.13 m	6.39	6.55	6.72	7.21	7.70	8.52	9.01	9.83	11.63	13.60	18.52	24.91
8 ft.	0.44	0.46	0.47	0.50	0.54	0.59						

Channel Selection for Schedule 40 Sprinkler Pipe Trapeze Hangers

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

Schedule 10 Pipe Trapeze - P3000												
Span of Trapeze	1	1¼	1½	2	2½	3	3½	4	5	6	8	10
	2.5	3.2	3.8	5.1	6.4	7.6	8.9	10.2	12.7	15.2	20.3	25.4
1 ft. 6 in. 0.46 m	0.08 1.31	0.09 1.47	0.09 1.47	0.1 1.64	0.11 1.8	0.12 1.97	0.13 2.13	0.15 2.46	-	-	-	-
2 ft. 0.61 m	0.11 1.8	0.12 1.97	0.12 1.97	0.13 2.13	0.15 2.46	-	-	-	-	-	-	-
2 ft. 6 in. 0.76 m	0.14 2.29	0.15 2.46	0.15 2.46	-	-	-	-	-	-	-	-	-

Schedule 10 Pipe Trapeze - P5501												
Span of Trapeze	1	1¼	1½	2	2½	3	3½	4	5	6	8	10
	2.5	3.2	3.8	5.1	6.4	7.6	8.9	10.2	12.7	15.2	20.3	25.4
5 ft. 1.52 m	0.28 4.59	0.29 4.75	0.3 4.92	0.33 5.41	0.37 6.06	0.41 6.72	0.45 7.37	0.49 8.03	0.6 9.83	0.72 11.8	1 16.39	1.37 22.45
6 ft. 1.83 m	0.34 5.57	0.35 5.74	0.36 5.9	0.39 6.39	0.44 7.21	0.49 8.03	0.54 8.85	0.59 9.67	0.72 11.8	0.87 14.26	1.2 19.66	1.64 26.87
7 ft. 2.13 m	0.39 6.39	0.41 6.72	0.43 7.05	0.46 7.54	0.51 8.36	0.58 9.5	0.63 10.32	0.69 11.31	0.84 13.77	1.01 16.55	1.41 23.11	-
8 ft. 2.44 m	0.45 7.37	0.47 7.7	0.49 8.03	0.52 8.52	0.59 9.67	0.66 10.82	0.72 11.8	0.79 12.95	0.96 15.73	1.16 19.01	1.61 26.38	-
9 ft. 2.74 m	0.5 8.19	0.53 8.69	0.55 9.01	0.59 9.67	0.66 10.82	0.74 12.13	0.81 13.27	0.89 14.58	1.08 17.7	1.3 21.3	-	-
10 ft. 3.05 m	0.56 9.18	0.59 9.67	0.61 10	0.65 10.65	0.74 12.13	0.82 13.44	0.9 14.75	0.99 16.22	1.2 19.66	1.44 23.6	-	-

Schedule 10 Pipe Trapeze - P1000												
Span of Trapeze	1	1¼	1½	2	2½	3	3½	4	5	6	8	10
	2.5	3.2	3.8	5.1	6.4	7.6	8.9	10.2	12.7	15.2	20.3	25.4
1 ft. 6 in. 0.46 m	0.08 1.31	0.09 1.47	0.09 1.47	0.1 1.64	0.11 1.8	0.12 1.97	0.13 2.13	0.15 2.46	0.18 2.95	-	-	-
2 ft. 0.61 m	0.11 1.8	0.12 1.97	0.12 1.97	0.13 2.13	0.15 2.46	0.16 2.62	0.18 2.95	0.2 3.28	-	-	-	-
2 ft. 6 in. 0.76 m	0.14 2.29	0.15 2.46	0.15 2.46	0.16 2.62	0.18 2.95	-	-	-	-	-	-	-
3 ft. 0.91 m	0.17 2.79	0.18 2.95	0.18 2.95	0.2 3.28	-	-	-	-	-	-	-	-

Schedule 10 Pipe Trapeze - P5500												
Span of Trapeze	1	1¼	1½	2	2½	3	3½	4	5	6	8	10
	2.5	3.2	3.8	5.1	6.4	7.6	8.9	10.2	12.7	15.2	20.3	25.4
1 ft. 6 in. 0.46 m	0.08 1.31	0.09 1.47	0.09 1.47	0.1 1.64	0.11 1.8	0.12 1.97	0.13 2.13	0.15 2.46	0.18 2.95	0.22 3.61	0.3 4.92	-
2 ft. 0.61 m	0.11 1.8	0.12 1.97	0.12 1.97	0.13 2.13	0.15 2.46	0.16 2.62	0.18 2.95	0.2 3.28	0.24 3.93	0.29 4.75	-	-
2 ft. 6 in. 0.76 m	0.14 2.29	0.15 2.46	0.15 2.46	0.16 2.62	0.18 2.95	0.21 3.44	0.22 3.61	0.25 4.1	0.3 4.92	0.36 5.9	-	-
3 ft. 0.91 m	0.17 2.79	0.18 2.95	0.18 2.95	0.2 3.28	0.22 3.61	0.25 4.1	0.27 4.42	0.3 4.92	0.36 5.9	-	-	-
4 ft. 1.22 m	0.22 3.61	0.24 3.93	0.24 3.93	0.26 4.26	0.29 4.75	0.33 5.41	0.36 5.9	-	-	-	-	-
5 ft. 1.52 m	0.28 4.59	0.29 4.75	0.3 4.92	0.33 5.41	0.37 6.06	-	-	-	-	-	-	-
6 ft. 1.83 m	0.34 5.57	0.35 5.74	0.36 5.9	0.39 6.39	-	-	-	-	-	-	-	-
7 ft. 2.13 m	0.39 6.39	-	-	-	-	-	-	-	-	-	-	-

Schedule 10 Pipe Trapeze - P5501												
Span of Trapeze	1	1¼	1½	2	2½	3	3½	4	5	6	8	10
	2.5	3.2	3.8	5.1	6.4	7.6	8.9	10.2	12.7	15.2	20.3	25.4
5 ft. 1.52 m	0.28 4.59	0.29 4.75	0.3 4.92	0.33 5.41	0.37 6.06	0.41 6.72	0.45 7.37	0.49 8.03	0.6 9.83	0.72 11.8	1 16.39	1.37 22.45
6 ft. 1.83 m	0.34 5.57	0.35 5.74	0.36 5.9	0.39 6.39	0.44 7.21	0.49 8.03	0.54 8.85	0.59 9.67	0.72 11.8	0.87 14.26	1.2 19.66	1.64 26.87
7 ft. 2.13 m	0.39 6.39	0.41 6.72	0.43 7.05	0.46 7.54	0.51 8.36	0.58 9.5	0.63 10.32	0.69 11.31	0.84 13.77	1.01 16.55	1.41 23.11	1.92 31.46
8 ft. 2.44 m	0.45 7.37	0.47 7.7	0.49 8.03	0.52 8.52	0.59 9.67	0.66 10.82	0.72 11.8	0.79 12.95	0.96 15.73	1.16 19.01	1.61 26.38	2.19 35.89
9 ft. 2.74 m	0.5 8.19	0.53 8.69	0.55 9.01	0.59 9.67	0.66 10.82	0.74 12.13	0.81 13.27	0.89 14.58	1.08 17.7	1.3 21.3	1.81 29.66	2.46 40.31
10 ft. 3.05 m	0.56 9.18	0.59 9.67	0.61 10	0.65 10.65	0.74 12.13	0.82 13.44	0.9 14.75	0.99 16.22	1.2 19.66	1.44 23.6	2.01 32.94	2.74 44.9

Schedule 10 Pipe Trapeze - P1001												
Span of Trapeze	1	1¼	1½	2	2½	3	3½	4	5	6	8	10
	2.5	3.2	3.8	5.1	6.4	7.6	8.9	10.2	12.7	15.2	20.3	25.4
2 ft. 6 in. 0.76 m	0.14 2.29	0.15 2.46	0.15 2.46	0.16 2.62	0.18 2.95	0.21 3.44	0.22 3.61	0.25 4.1	0.3 4.92	0.36 5.9	0.5 8.19	-
3 ft. 0.91 m	0.17 2.79	0.18 2.95	0.18 2.95	0.2 3.28	0.22 3.61	0.25 4.1	0.27 4.42	0.3 4.92	0.36 5.9	0.43 7.05	-	-
4 ft. 1.22 m	0.22 3.61	0.24 3.93	0.24 3.93	0.26 4.26	0.29 4.75	0.33 5.41	0.36 5.9	0.4 6.55	0.48 7.87	-	-	-
5 ft. 1.52 m	0.28 4.59	0.29 4.75	0.3 4.92	0.33 5.41	0.37 6.06	0.41 6.72	0.45 7.37	0.49 8.03	-	-	-	-
6 ft. 1.83 m	0.34 5.57	0.35 5.74	0.36 5.9	0.39 6.39	0.44 7.21	0.49 8.03	0.54 8.85	-	-	-	-	-
7 ft. 2.13 m	0.39 6.39	0.41 6.72	0.43 7.05	0.46 7.54	0.51 8.36	-	-	-	-	-	-	-
8 ft. 2.44 m	0.45 7.37	0.47 7.7	0.49 8.03	0.52 8.52	-	-	-	-	-	-	-	-
9 ft. 2.74 m	0.5 8.19	0.53 8.69	0.55 9.01	-	-	-	-	-	-	-	-	-
10 ft. 3.05 m	0.56 9.18	-	-	-	-	-	-	-	-	-	-	-

Schedule 10 Pipe Trapeze - P5501												
Span of Trapeze	1	1¼	1½	2	2½	3	3½	4	5	6	8	10
	2.5	3.2	3.8	5.1	6.4	7.6	8.9	10.2	12.7	15.2	20.3	25.4
5 ft. 1.52 m	0.28 4.59	0.29 4.75	0.3 4.92	0.33 5.41	0.37 6.06	0.41 6.72	0.45 7.37	0.49 8.03	0.6 9.83	0.72 11.8	1 16.39	1.37 22.45
6 ft. 1.83 m	0.34 5.57	0.35 5.74	0.36 5.9	0.39 6.39	0.44 7.21	0.49 8.03	0.54 8.85	0.59 9.67	0.72 11.8	0.87 14.26	1.2 19.66	1.64 26.87
7 ft. 2.13 m	0.39 6.39	0.41 6.72	0.43 7.05	0.46 7.54	0.51 8.36	0.58 9.5	0.63 10.32	0.69 11.31	0.84 13.77	1.01 16.55	1.41 23.11	-
8 ft. 2.44 m	0.45 7.37	0.47 7.7	0.49 8.03	0.52 8.52	0.59 9.67	0.66 10.82	0.72 11.8	0.79 12.95	0.96 15.73	1.16 19.01	1.61 26.38	-
9 ft. 2.74 m	0.5 8.19	0.53 8.69	0.55 9.01	0.59 9.67	0.66 10.82	0.74 12.13	0.81 13.27	0.89 14.58	1.08 17.7	1.3 21.3	-	-
10 ft. 3.05 m	0.56 9.18	0.59 9.67	0.61 10	0.65 10.65	0.74 12.13	0.82 13.44	0.9 14.75	0.99 16.22	1.2 19.66	1.44 23.6	-	-



Electrical Metallic Tubing (EMT) - Thin Wall

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

Intermediate Metallic Conduit (IMC)

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

Copper Tube (Type L)

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

Copper Tube (Type K)

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

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

Rigid Steel (Heavy Duty) Conduit

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

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

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

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

Conduit Supports

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

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

Table 346-12
Support for Rigid Metal Conduit

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

Schedule 40: PVC Plastic Pipe

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



Data for Schedule Steel Pipe

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

Nom. Size In	Pipe Schedule	Outside Dia. In(mm)	Inside Dia. In (mm)	Pipe Weight Lbs/Ft (kg/m)	Pipe and Water Weight Lbs/Ft (kg/m)
4	40	4.500 <i>114.3</i>	4.026 <i>102.3</i>	10.78 <i>4.89</i>	16.30 <i>7.39</i>
	80	4.500 <i>114.3</i>	3.826 <i>97.2</i>	14.97 <i>6.79</i>	19.95 <i>9.05</i>
	120	4.500 <i>114.3</i>	3.624 <i>92.0</i>	18.98 <i>8.61</i>	23.45 <i>10.64</i>
5	40	5.563 <i>141.3</i>	5.047 <i>128.2</i>	14.60 <i>6.62</i>	23.27 <i>10.56</i>
	80	5.563 <i>141.3</i>	4.813 <i>122.2</i>	20.75 <i>9.41</i>	28.64 <i>12.99</i>
	120	5.563 <i>141.3</i>	4.563 <i>115.9</i>	27.01 <i>12.25</i>	34.09 <i>15.46</i>
6	40	6.625 <i>168.3</i>	6.065 <i>154.1</i>	18.95 <i>8.60</i>	31.48 <i>14.28</i>
	80	6.625 <i>168.3</i>	5.761 <i>146.3</i>	28.54 <i>12.95</i>	39.84 <i>18.07</i>
	120	6.625 <i>168.3</i>	5.501 <i>139.7</i>	36.35 <i>16.49</i>	46.66 <i>21.16</i>
8	40	8.625 <i>219.1</i>	7.981 <i>202.7</i>	45.30 <i>20.55</i>	54.47 <i>24.71</i>
	20	8.625 <i>219.1</i>	8.125 <i>206.4</i>	22.34 <i>10.13</i>	44.82 <i>20.33</i>
	30	8.625 <i>219.1</i>	8.071 <i>205.0</i>	24.67 <i>11.19</i>	46.85 <i>21.25</i>
10	40	8.625 <i>219.1</i>	7.437 <i>188.9</i>	28.52 <i>12.94</i>	50.21 <i>22.78</i>
	60	8.625 <i>219.1</i>	7.813 <i>198.5</i>	35.60 <i>16.15</i>	56.39 <i>25.58</i>
	80	8.625 <i>219.1</i>	7.625 <i>193.7</i>	43.34 <i>19.66</i>	63.14 <i>28.64</i>
12	40	10.750 <i>273.1</i>	9.312 <i>236.5</i>	50.89 <i>23.09</i>	69.73 <i>31.63</i>
	60	10.750 <i>273.1</i>	9.750 <i>247.7</i>	60.65 <i>27.51</i>	78.23 <i>35.49</i>
	80	10.750 <i>273.1</i>	9.562 <i>242.9</i>	67.68 <i>30.70</i>	84.37 <i>38.27</i>
14	40	10.750 <i>273.1</i>	8.750 <i>222.3</i>	74.61 <i>33.84</i>	90.42 <i>41.01</i>
	60	10.750 <i>273.1</i>	10.250 <i>260.4</i>	81.13 <i>36.80</i>	98.93 <i>44.86</i>
	80	10.750 <i>273.1</i>	10.136 <i>257.5</i>	84.20 <i>38.19</i>	103.19 <i>46.58</i>
16	40	10.750 <i>273.1</i>	10.020 <i>254.5</i>	88.34 <i>40.04</i>	108.63 <i>49.05</i>
	60	10.750 <i>273.1</i>	9.750 <i>247.7</i>	94.68 <i>42.92</i>	116.05 <i>52.64</i>
	80	10.750 <i>273.1</i>	9.562 <i>242.9</i>	101.19 <i>45.87</i>	124.50 <i>56.46</i>
18	40	10.750 <i>273.1</i>	9.312 <i>236.5</i>	108.63 <i>49.05</i>	140.37 <i>63.23</i>
	60	10.750 <i>273.1</i>	9.062 <i>230.2</i>	117.16 <i>53.14</i>	150.09 <i>68.01</i>
	80	10.750 <i>273.1</i>	8.750 <i>222.3</i>	126.01 <i>57.14</i>	160.09 <i>72.64</i>
20	40	10.750 <i>273.1</i>	8.500 <i>215.9</i>	135.93 <i>61.19</i>	171.37 <i>77.24</i>
	60	10.750 <i>273.1</i>	8.250 <i>210.8</i>	146.01 <i>65.74</i>	183.87 <i>83.38</i>
	80	10.750 <i>273.1</i>	8.062 <i>206.2</i>	157.26 <i>70.44</i>	197.64 <i>89.17</i>

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