



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 "A" In(mm)	"B" In(mm)	"C" In(mm)	"D" In(mm)	Wt/100 pcs Lbs(kg)
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
082N090	5 1/8		5.12 130.0	5.57 141.5	6.54 166.1	2.84 72.1	125 56.7
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.

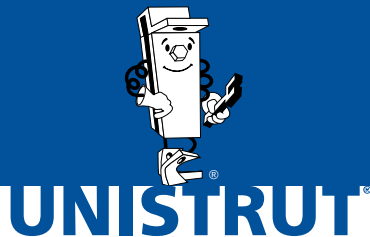
Patent Numbers: 4,516,296; 4,934,635

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

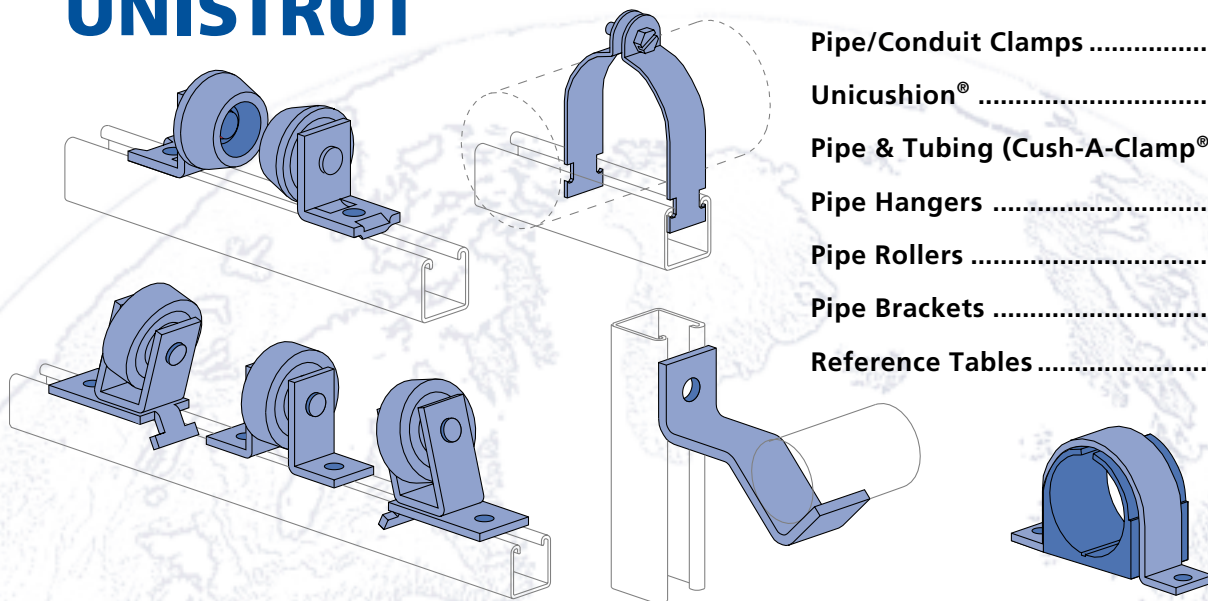
- 004T008** 004 - Cushion Size 1/16" (6.4)
T - With Controlled Squeeze Shoulder Bolt
008 - Clamp Size 1/16" (12.7)
- 009N012** 009 - Cushion Size 1/16" (14.3)
N - With Standard Bolt
012 - Clamp Size 1/16" (19.1)

Pipe Series Assembly

Part Number	Nominal Pipe Size	Dimensions "A" In(mm)	"B" In(mm)	"C" In(mm)	"D" In(mm)	Wt/100 pcs Lbs(kg)
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



PIPE/CONDUIT SUPPORTS



Pipe/Conduit Clamps	139
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Pipe Rollers	150
Pipe Brackets	153
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MATERIAL

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

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

FINISHES

Pipe supports are available in:

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

APPLICATION

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

DIMENSIONS

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

DESIGN BOLT TORQUE

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

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

DESIGN LOAD

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

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

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