



MAXISTRUT

Channel Framing Strut System

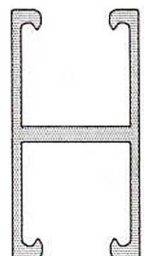
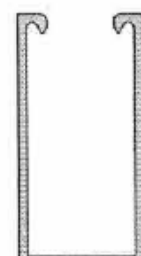
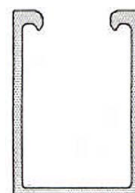
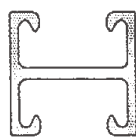
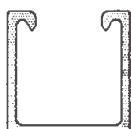
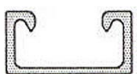
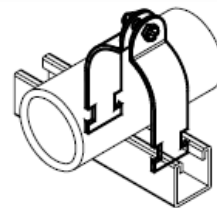
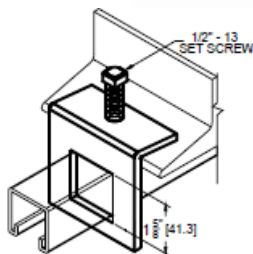
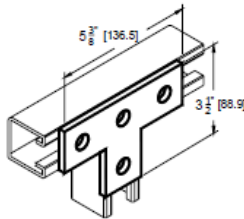
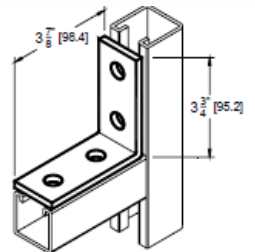
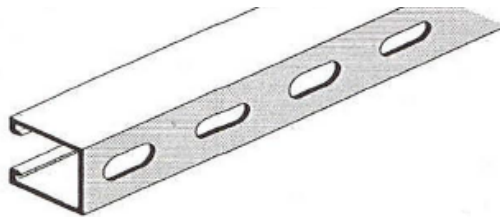
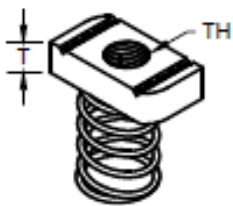
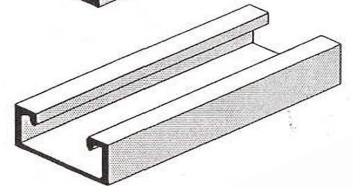
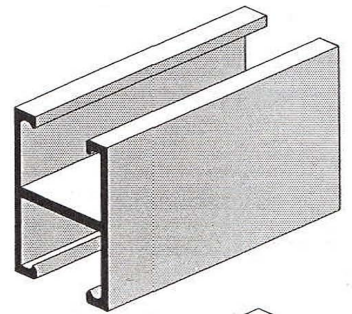
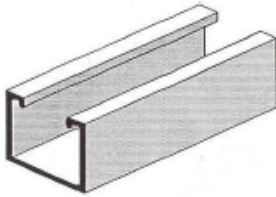
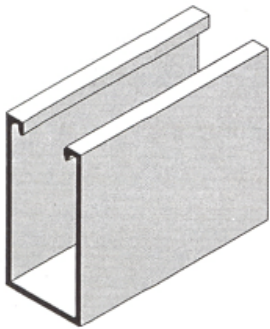
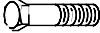


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MAXISTRUT

Materials and Specifications:

Carbon Steel - ASTM A1011-00 SS GR 33 or ASTM A1011-00CS Type B

304 Stainless Steel - ASTM A240 (Type 304)

316 Stainless Steel - ASTM A240 (Type 316)

316 Stainless Steel Sintered Nuts - ASTM B783 (Type 316 N2-33)

Aluminum - ASTM B209 (Type 5052-H32)

Finishes:

PL - Uncoated Carbon Steel

There is no coating on the steel except a possibility of some oil left on the part from the pickle and oil or fabrication process.

EG - Electroplated Zinc also known as Electro-Galvanized

Electroplating deposits zinc on the surface of the steel by electrolysis from a bath of zinc salts. This coating is recommended for relatively dry indoor use. This is the standard coating for most MAXISTRUT Products. The thickness of zinc applied in this method is between 0.2 mils to 0.5 mils [5.1 µm to 12.7 µm]. Coatings on MAXISTRUT products labeled EG meet ASTM B633 SC3 Type I.

HD - Hot Dip Galvanized After Fabrication

The steel is zinc coated by hot dipping the fabricated product. The product is dipped in molten zinc and is completely covered on all surfaces. This coating is generally recommended for outdoor use. Coatings on MAXISTRUT products labeled HD meet ASTM A123. The zinc coating thickness is typically 2.6 mils [66.0 µm] or 1.5 oz. per square foot [0.46 kg per square meter] per side.

YC - Yellow Zinc Dichromate

A 0.5 mil [12.7 µm] electro-galvanized zinc plating meeting ASTM B633 SC3 Type I is applied to the surface of the metal. Yellow Dichromate is applied over the zinc. This results in a yellowish-gold appearance and acts as a nonporous barrier sealant.

CP - Copper Zinc Dichromate

A 0.5 mil [12.7 µm] electro-galvanized zinc plating meeting ASTM B633 SC3 Type I is applied to the surface of the metal. Copper Zinc Dichromate is applied over the zinc. This results in a copper colored appearance and acts as a nonporous barrier sealant that does not react adversely with copper pipe or tubing.

GR - Green Powder Coat

A Polyester powder coating is electrostatically applied after fabrication. The powder is then baked on creating a 1.38 to 1.77 mil [35 - 45 µm] thick. The hardness of this coating meets ASTM D-3363-74, the impact rating meets ASTM D-2794-93 and the gloss meets ASTM D-523-85. This creates a coating that is resistant to chipping, peeling and corrosion.

Other colors are available by special order.

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General Information

The following are the torque values used for the determining the load ratings of MAXISTRUT Products when attached to channel framing as specified by Metal Framing Manufacturer's Association (MFMA) Standard #2:

Thread Size		Torque		
Inch	mm	in. lb.	ft. lb.	Nm
1/4	6.4	72	6	8.1
5/16	7.9	132	11	14.9
3/8	9.6	228	19	25.8
1/2	11.1	600	50	67.8

For beam clamps or other applications the following torque values from Manufacturer's Standardization Society (MSS) SP-69 are recommended unless otherwise specified.

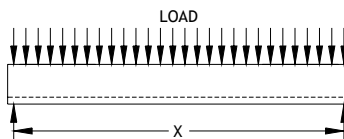
Thread Size		Torque		
Inch	mm	in. lb.	ft. lb.	Nm
1/4	6.4	40	3.3	4.5
5/16	7.9	50	4.2	5.6
3/8	9.6	60	5.0	6.8
7/16	11.1	90	7.5	10.2
1/2	12.7	125	10.4	14.1

Thread Size		Torque		
Inch	mm	in. lb.	ft. lb.	Nm
9/16	14.3	180	15.0	20.3
5/8	15.8	250	20.8	28.2
3/4	19.0	400	33.3	45.2
7/8	22.2	665	55.4	75.1
1	25.4	990	82.5	111.9

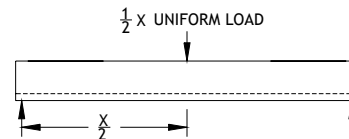
Note: Caution should be taken not to over tighten the set screw on iron beam clamps as this will cause distortion, a lower maximum load capability and possible breakage.

Uniform load and Point load

When a distributed load has a constant value over the entire bracket or beam length, it is said to be uniformly loaded. This would be similar to loading identical boxes on a shelf side by side. A point load is when the force of the load is concentrated on one point along the bracket or beam. Using identical supports as shown below and the point load located 1/2 way between the supports, the point load rating will be 1/2 the uniform load rating. Load ratings are generally listed in pounds (lb.) or kilo Newtons (kN).



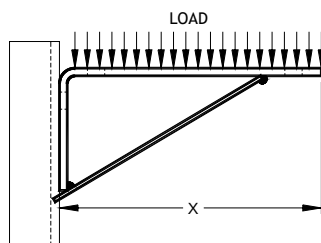
Uniform load



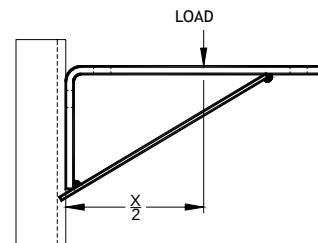
Point load

Cantilever load

A cantilever bracket or beam is rigidly attached at one end and is completely free at the other end. A cantilever load is applied at one point or spread along a section of the length of a bracket or beam and causes a twisting load or moment at the mounting point. Load ratings for this type of bracket are generally listed in inch pounds (in. lb.) or Newton meter (Nm). A uniformly applied load on a bracket (figure "A") may be considered as a point load by taking the uniform load and expressing it as a single point load of the same force at a distance of 1/2 the total distance the load is spread over as shown in figure "B". This is calculated by multiplying 1/2 the distance "X", in inches or meters, by the load expressed in pounds or Newtons.



Cantilever load (Figure "A")



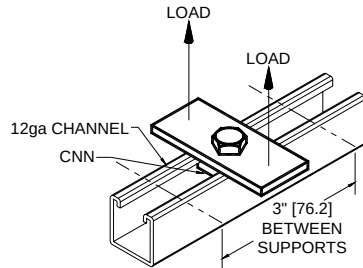
Cantilever load (Figure "B")

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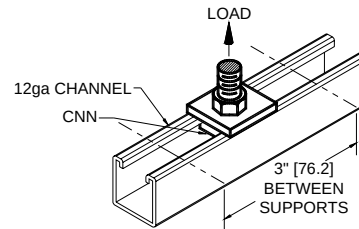
General Information (con't)

Testing Methods for Strut Fittings:

Fittings are tested for pull out of the channel by supporting the channel at 3" [76.2mm] spacing and applying a load perpendicular to the channel with the fitting attached according to the recommended methods and mounting torque as stated in MFMA Standards using channel meeting MFMA standards. See page 49 for MFMA torque values.

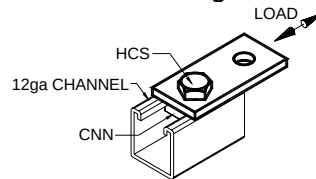


Pullout Test with Load on Fitting.



Pullout Test with Load on Rod

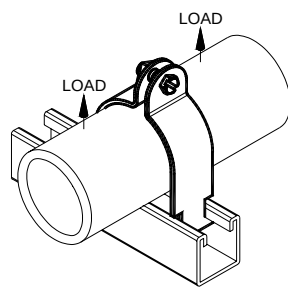
The channel nut sliding inside the channel is tested by supporting the channel by such method that the channel is stationary and applying a load parallel to the channel with the fitting attached according to the recommended methods and mounting torque as stated in MFMA Standards using channel meeting MFMA standards.



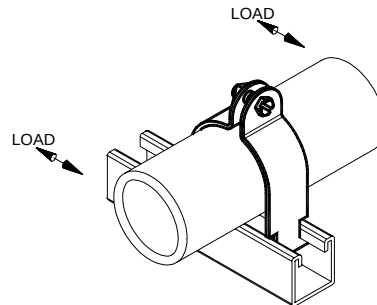
Slip Test for Strut Fittings

Testing Methods for Strut Clamps:

Strut clamps are tested for pull out of the channel by supporting the channel solidly and applying a load perpendicular to the channel. Strut clamps are tested for sliding in the channel by supporting the channel solidly and applying a load parallel to the channel. The clamps are attached according to the recommended methods using methods and channel meeting MFMA standards.



Pull Out Test on Strut Clamp



Slip Test on Strut Clamp



Channel Nuts

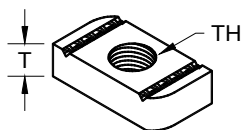
Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

CNN

Channel Nut No Spring

For all channel sizes except as noted



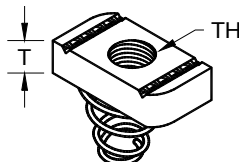
Catalog Number	TH	in.	T mm
CNN20025EG	1/4"-20	0.25	6.3
CNN30031EG	5/16"-18	0.37	9.4
CNN30037EG	3/8"-16	0.37	9.4
CNN30050EG	1/2"-13	0.37	9.4
*CNN40050EG	1/2"-13	0.50	12.7
CNN30062EG	5/8"-11	0.37	9.4
*CNN40062EG	5/8"-11	0.50	12.7
CNN30075EG	3/4"-10	0.37	9.4
*CNN40075EG	3/4"-10	0.50	12.7
*CNN40087EG	7/8"-9	0.50	12.7

*Cannot be used with 13/16" & 1" channel

CNS

Channel Nut Short Spring

For 13/16" & 1" channel

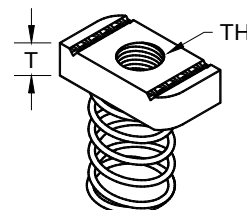


Catalog Number	TH	in.	T mm
CNS20025EG	1/4"-20	0.25	6.3
CNS20031EG	5/16"-18	0.25	6.3
CNS30031EG	5/16"-18	0.37	9.4
CNS20037EG	3/8"-16	0.25	6.3
CNS30037EG	3/8"-16	0.37	9.4
CNS30050EG	1/2"-13	0.37	9.4
CNS30062EG	5/8"-11	0.37	9.4

CNR

Channel Nut Regular Spring

For 1-3/8" & 1-5/8" channel

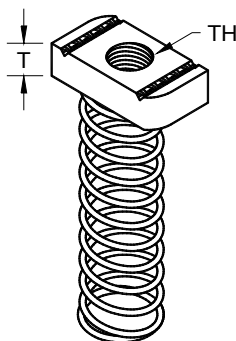


Catalog Number	TH	in.	T mm
CNR20025EG	1/4"-20	0.25	6.3
CNR20031EG	5/16"-18	0.25	6.3
CNR30031EG	5/16"-18	0.37	9.4
CNR20037EG	3/8"-16	0.25	6.3
CNR30037EG	3/8"-16	0.37	9.4
CNR30050EG	1/2"-13	0.37	9.4
CNR40050EG	1/2"-13	0.50	12.7
CNR40062EG	5/8"-11	0.50	12.7
CNR40075EG	3/4"-10	0.50	12.7
CNR40087EG	7/8"-9	0.50	12.7

CNL

Channel Nut Long Spring

For 2-7/16" & 3-1/4" channel

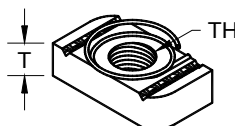


Catalog Number	TH	in.	T mm
CNL20025EG	1/4"-20	0.25	6.3
CNL30037EG	3/8"-16	0.37	9.4
CNL40050EG	1/2"-13	0.50	12.7

CNT

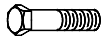
Channel Nut Top Spring

For all channel sizes except as noted



Catalog Number	TH	in.	T mm
CNT20025EG	1/4"-20	0.25	6.3
CNT30037EG	3/8"-16	0.37	9.4
CNT30050EG	1/2"-13	0.37	9.4
*CNT40050EG	1/2"-13	0.50	12.7

*Cannot be used with 13/16" & 1" channel



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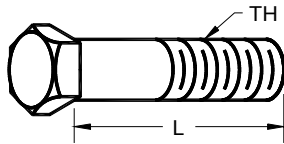
Hardware

Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

HCS

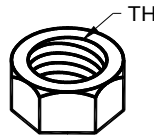
Hex Head Cap Screw



Catalog Number	TH	L
HCS2507EG	1/4"-20	3/4"
HCS2510EG	1/4"-20	1"
HCS2512EG	1/4"-20	1-1/4"
HCS2515EG	1/4"-20	1-1/2"
HCS3707EG	3/8"-16	3/4"
HCS3710EG	3/8"-16	1"
HCS3712EG	3/8"-16	1-1/4"
HCS3715EG	3/8"-16	1-1/2"
HCS3720EG	3/8"-16	2"
HCS5010EG	1/2"-13	1"
HCS5012EG	1/2"-13	1-1/4"
HCS5015EG	1/2"-13	1-1/2"
HCS5017EG	1/2"-13	1-3/4"
HCS5020EG	1/2"-13	2"

HN

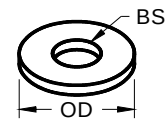
Hex Nut



Catalog Number	TH
HN 0025EG	1/4"-20
HN 0037EG	3/8"-16
HN 0050EG	1/2"-13
HN 0062EG	5/8"-11
HN 0075EG	3/4"-10

FW

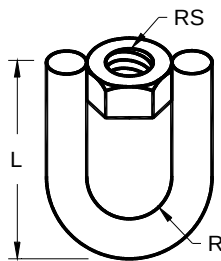
Flat Washer



Catalog Number	BS	OD	
		in.	mm
FW 0025EG	1/4"	3/4	19.0
FW 0037EG	3/8"	1	25.4
FW 0050EG	1/2"	1-3/8	34.9
FW 0062EG	5/8"	1-3/4	44.4
FW 0075EG	3/4"	2	50.8

SW10

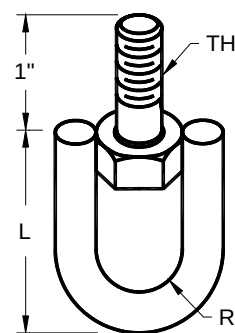
Swivel Female



Catalog Number	RS	L		R		Design Load	
		in.	mm	in.	mm		
SW100037EG	3/8"-16	1-3/4	44.4	1/4	6.3	620	2.76
SW100050EG	1/2"-13	2	50.8	3/8	9.4	1150	5.12

SW11

Swivel Male



Catalog Number	TH	L		R		Design Load	
		in.	mm	in.	mm		
SW110037EG	3/8"-16	1-3/4	44.4	1/4	6.3	620	2.76
SW110050EG	1/2"-13	2	50.8	3/8	9.4	1150	5.12



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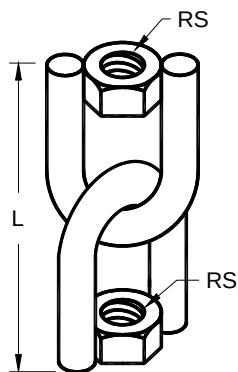
Hardware (con't)

Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

SW12

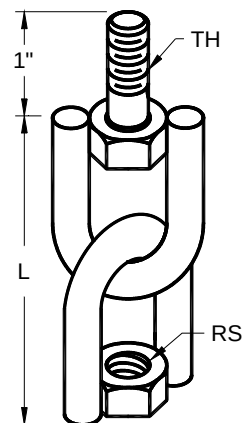
Swivel Female – Female



Catalog Number	RS	L		Design Load	
		in.	mm	lbs	kN
SW120037EG	3/8"-16	2-3/4	69.8	620	2.76
SW120050EG	1/2"-13	3	76.2	1150	5.12

SW13

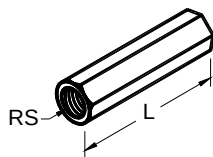
Swivel Male – Female



Catalog Number	RS	TH	L		Design Load	
			in.	mm	lbs	kN
SW130037EG	3/8"-16	3/8"-16	2-3/4	69.8	620	2.76
SW130050EG	1/2"-13	1/2"-13	3	76.2	1150	5.12

RC

Rod Coupling



Catalog Number	RS	L		Hex Size
		in.	mm	
RC 0025EG	1/4"-20	7/8	22.2	3/8"
RC 0037EG	3/8"-16	1-3/4	44.4	9/16"
RC 0050EG	1/2"-13	1-3/4	44.4	11/16"



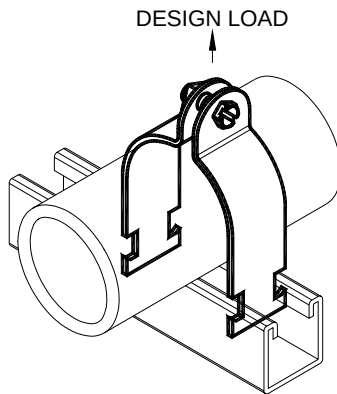
Strut Clamps

Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

SCR

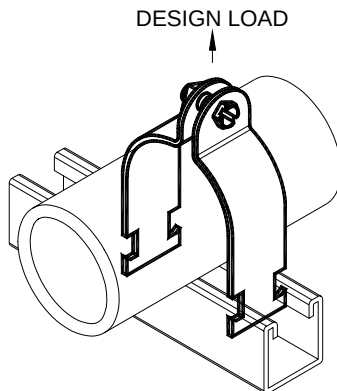
Rigid Strut Clamp



Catalog Number	Pipe Size		O.D.		Design Load	
	Inch	Metric	in.	mm	lbs	kN
SCR 0012EG	1/8	3	0.405	10.3	400	1.78
SCR 0025EG	1/4	6	0.540	13.7	400	1.78
SCR 0037EG	3/8	10	0.675	17.1	400	1.78
SCR 0050EG	1/2	15	0.840	21.3	400	1.78
SCR 0075EG	3/4	20	1.050	26.7	600	2.67
SCR 0100EG	1	25	1.315	33.4	600	2.67
SCR 0125EG	1-1/4	32	1.660	42.2	600	2.67
SCR 0150EG	1-1/2	40	1.900	48.3	800	3.56
SCR 0200EG	2	50	2.375	60.3	800	3.56
SCR 0250EG	2-1/2	65	2.875	73.0	800	3.56
SCR 0300EG	3	80	3.500	88.9	800	3.56
SCR 0350EG	3-1/2	90	4.000	101.6	1000	4.45
SCR 0400EG	4	100	4.500	114.3	1000	4.45
SCR 0500EG	5	125	5.562	141.3	1000	4.45
SCR 0600EG	6	150	6.625	168.3	1000	4.45
SCR 0800EG	8	200	8.625	219.1	1000	4.45
SCR 1000EG	10	250	10.750	273.1	1000	4.45
SCR 1200EG	12	300	12.750	323.9	1000	4.45

SCU

Universal Strut Clamp



Catalog Number	Clamp Size *		O.D.		Design Load	
	Inch	Metric	in.	mm	lbs	kN
SCU 0050EG	1/2	15	0.773	19.6	400	1.78
SCU 0075EG	3/4	20	0.986	25.0	600	2.67
SCU 0100EG	1	25	1.239	31.5	600	2.67
SCU 0125EG	1-1/4	32	1.585	40.3	600	2.67
SCU 0150EG	1-1/2	40	1.820	45.7	800	3.56
SCU 0200EG	2	50	2.286	58.1	800	3.56

* These clamps are designed to fit both pipe (rigid conduit) and thin walled tubing (EMT) in the corresponding sizes.



MAXISTRUT

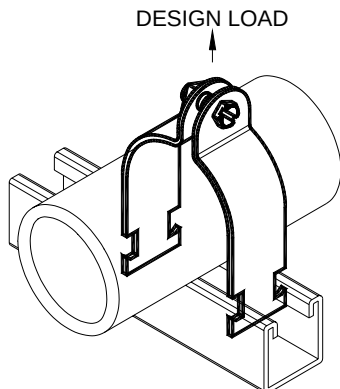
Strut Clamps (con't)

Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

SCE

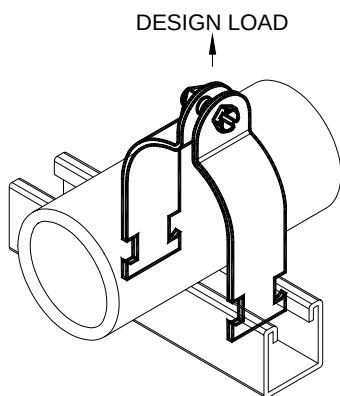
EMT Strut Clamp



Catalog Number	EMT Size		O.D.		Design Load	
	Inch	Metric	in.	mm	lbs	kN
SCE 0050EG	1/2	15	0.706	17.9	400	1.78
SCE 0075EG	3/4	20	0.922	23.4	400	1.78
SCE 0100EG	1	25	1.163	29.5	600	2.67
SCE 0125EG	1-1/4	32	1.510	38.4	600	2.67
SCE 0150EG	1-1/2	40	1.740	44.2	800	3.56
SCE 0200EG	2	50	2.197	55.8	800	3.56

SCO

O.D. Strut Clamp



Catalog Number	Size (O.D.)			Design Load	
	in. (Fractions)	in. (Decimal)	mm	lbs	kN
SCO 0025EG	1/4	0.250	6.4	400	1.78
SCO 0037EG	3/8	0.375	9.5	400	1.78
SCO 0050EG	1/2	0.500	12.7	400	1.78
SCO 0062EG	5/8	0.625	15.9	400	1.78
SCO 0075EG	3/4	0.750	19.0	400	1.78
SCO 0087EG	7/8	0.875	22.3	400	1.78
SCO 0100EG	1	1.000	25.4	600	2.67
SCO 0112EG	1-1/8	1.125	28.6	600	2.67
SCO 0125EG	1-1/4	1.250	31.8	600	2.67
SCO 0137EG	1-3/8	1.375	34.9	600	2.67
SCO 0150EG	1-1/2	1.500	38.1	600	2.67
SCO 0162EG	1-5/8	1.625	41.3	600	2.67
SCO 0175EG	1-3/4	1.750	44.5	800	3.56
SCO 0187EG	1-7/8	1.875	47.6	800	3.56
SCO 0200EG	2	2.000	50.8	800	3.56
SCO 0212EG	2-1/8	2.125	54.0	800	3.56
SCO 0225EG	2-1/4	2.250	57.2	800	3.56
SCO 0237EG	2-3/8	2.375	60.3	800	3.56
SCO 0250EG	2-1/2	2.500	63.5	800	3.56
SCO 0262EG	2-5/8	2.625	66.7	800	3.56
SCO 0275EG	2-3/4	2.750	69.9	800	3.56
SCO 0287EG	2-7/8	2.875	73.0	800	3.56
SCO 0300EG	3	3.000	76.2	800	3.56



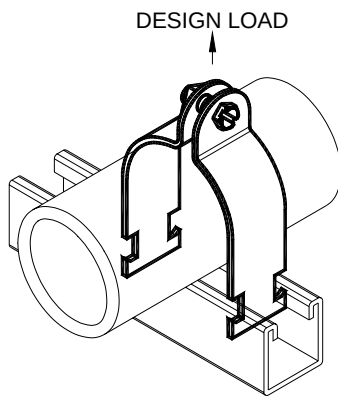
Strut Clamps (con't)

Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

SCO

O.D. Strut Clamp



Catalog Number	Size (O.D.)			Design Load	
	in. (Fractions)	in. (Decimal)	mm	lbs	kN
SCO 0312EG	3-1/8	3.125	79.4	800	3.56
SCO 0325EG	3-1/4	3.250	82.6	800	3.56
SCO 0337EG	3-3/8	3.375	85.7	800	3.56
SCO 0350EG	3-1/2	3.500	88.9	800	3.56
SCO 0362EG	3-5/8	3.625	92.1	800	3.56
SCO 0375EG	3-3/4	3.750	95.3	1000	4.45
SCO 0387EG	3-7/8	3.875	98.4	1000	4.45
SCO 0400EG	4	4.000	101.6	1000	4.45
SCO 0412EG	4-1/8	4.125	104.8	1000	4.45
SCO 0425EG	4-1/4	4.250	108.0	1000	4.45
SCO 0437EG	4-3/8	4.375	111.1	1000	4.45
SCO 0450EG	4-1/2	4.500	114.3	1000	4.45
SCO 0462EG	4-5/8	4.625	117.5	1000	4.45
SCO 0475EG	4-3/4	4.750	120.7	1000	4.45
SCO 0487EG	4-7/8	4.875	123.8	1000	4.45
SCO 0500EG	5	5.000	127.0	1000	4.45
SCO 0512EG	5-1/8	5.125	130.2	1000	4.45
SCO 0525EG	5-1/4	5.250	133.4	1000	4.45
SCO 0537EG	5-3/8	5.375	136.5	1000	4.45
SCO 0550EG	5-1/2	5.500	139.7	1000	4.45
SCO 0562EG	5-5/8	5.625	142.9	1000	4.45
SCO 0575EG	5-3/4	5.750	146.1	1000	4.45
SCO 0587EG	5-7/8	5.875	149.2	1000	4.45
SCO 0600EG	6	6.000	152.4	1000	4.45
SCO 0612EG	6-1/8	6.125	155.6	1000	4.45
SCO 0625EG	6-1/4	6.250	158.8	1000	4.45
SCO 0637EG	6-3/8	6.375	161.9	1000	4.45
SCO 0650EG	6-1/2	6.500	165.1	1000	4.45
SCO 0662EG	6-5/8	6.625	168.3	1000	4.45
SCO 0675EG	6-3/4	6.750	171.5	1000	4.45
SCO 0687EG	6-7/8	6.875	174.6	1000	4.45
SCO 0700EG	7	7.000	177.8	1000	4.45
SCO 0712EG	7-1/8	7.125	181.0	1000	4.45
SCO 0725EG	7-1/4	7.250	184.2	1000	4.45
SCO 0737EG	7-3/8	7.375	187.3	1000	4.45
SCO 0750EG	7-1/2	7.500	190.5	1000	4.45
SCO 0762EG	7-5/8	7.625	193.7	1000	4.45



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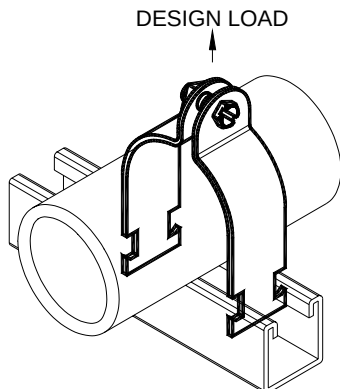
Strut Clamps (con't)

Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

SCO

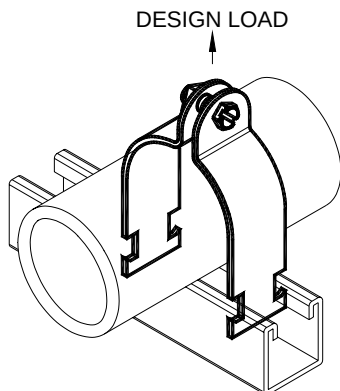
O.D. Strut Clamp



Catalog Number	Size (O.D.)			Design Load	
	in. (Fractions)	in. (Decimal)	mm	lbs	kN
SCO 0775EG	7-3/4	7.750	196.9	1000	4.45
SCO 0787EG	7-7/8	7.875	200.0	1000	4.45
SCO 0800EG	8	8.000	203.2	1000	4.45
SCO 0812EG	8-1/8	8.125	206.4	1000	4.45
SCO 0825EG	8-1/4	8.250	209.6	1000	4.45
SCO 0837EG	8-3/8	8.375	212.7	1000	4.45
SCO 0850EG	8-1/2	8.500	215.9	1000	4.45
SCO 0862EG	8-5/8	8.625	219.1	1000	4.45
SCO 1075EG	10-3/4	10.750	273.1	1000	4.45
SCO 1137EG	11-3/8	11.375	288.9	1000	4.45
SCO 1275EG	12-3/4	12.750	323.9	1000	4.45

SCC

Copper Tubing Strut Clamp



Catalog Number	Tubing Size		O.D.		Design Load	
	Inch	Metric	in.	mm	lbs	kN
SCC 0025CP	1/4	6	0.375	9.5	400	1.78
SCC 0037CP	3/8	10	0.500	12.7	400	1.78
SCC 0050CP	1/2	15	0.625	15.9	400	1.78
SCC 0075CP	3/4	20	0.875	22.2	400	1.78
SCC 0100CP	1	25	1.125	28.6	600	2.67
SCC 0125CP	1-1/4	32	1.375	34.9	600	2.67
SCC 0150CP	1-1/2	40	1.625	41.3	600	2.67
SCC 0200CP	2	50	2.125	54.0	800	3.56
SCC 0250CP	2-1/2	65	2.625	66.7	800	3.56
SCC 0300CP	3	80	3.125	79.4	800	3.56
SCC 0350CP	3-1/2	90	3.625	92.1	1000	4.45
SCC 0400CP	4	100	4.125	104.8	1000	4.45
SCC 0500CP	5	125	5.125	130.2	1000	4.45
SCC 0600CP	6	150	6.125	155.6	1000	4.45
SCC 0800CP	8	200	8.125	206.4	1000	4.45



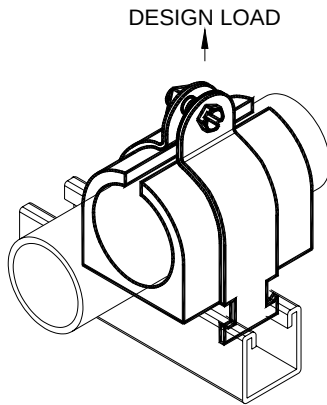
Strut Clamps (con't)

Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

CCT

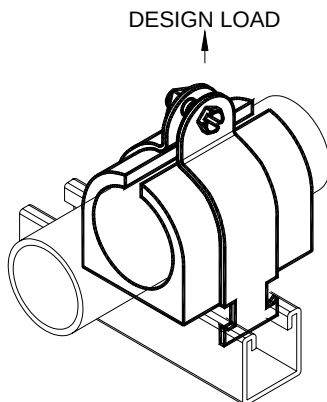
Cushioned Tubing Strut Clamp



Catalog Number	Tubing O.D.		
	in. (Fractions)	in. (Decimal)	mm
CCT 0025YC	1/4	0.250	6.4
CCT 0037YC	3/8	0.375	9.5
CCT 0050YC	1/2	0.500	12.7
CCT 0062YC	5/8	0.625	15.9
CCT 0075YC	3/4	0.750	19.0
CCT 0087YC	7/8	0.875	22.3
CCT 0100YC	1	1.000	25.4
CCT 0112YC	1-1/8	1.125	28.6
CCT 0125YC	1-1/4	1.250	31.8
CCT 0137YC	1-3/8	1.375	34.9
CCT 0150YC	1-1/2	1.500	38.1
CCT 0162YC	1-5/8	1.625	41.3
CCT 0175YC	1-3/4	1.750	44.5
CCT 0187YC	1-7/8	1.875	47.6
CCT 0200YC	2	2.000	50.8
CCT 0212YC	2-1/8	2.125	54.0
CCT 0225YC	2-1/4	2.250	57.2
CCT 0250YC	2-1/2	2.500	63.5
CCT 0262YC	2-5/8	2.625	66.7
CCT 0287YC	2-7/8	2.875	73.0
CCT 0312YC	3-1/8	3.125	79.4
CCT 0362YC	3-5/8	3.625	92.1
CCT 0412YC	4-1/8	4.125	104.8

CCP

Cushioned Pipe Strut Clamp



Catalog Number	Pipe Size		O.D.	
	Inch	Metric	in.	mm
CCP 0037YC	3/8	10	0.675	17.1
CCP 0050YC	1/2	15	0.840	21.3
CCP 0075YC	3/4	20	1.050	26.7
CCP 0100YC	1	25	1.315	33.4
CCP 0125YC	1-1/4	32	1.660	42.2
CCP 0150YC	1-1/2	40	1.900	48.3
CCP 0200YC	2	50	2.375	60.3
CCP 0250YC	2-1/2	65	2.875	73.0
CCP 0300YC	3	80	3.500	88.9
CCP 0350YC	3-1/2	90	4.000	101.6
CCP 0400YC	4	100	4.500	114.3
CCP 0500YC	5	125	5.562	141.3



MAXISTRUT

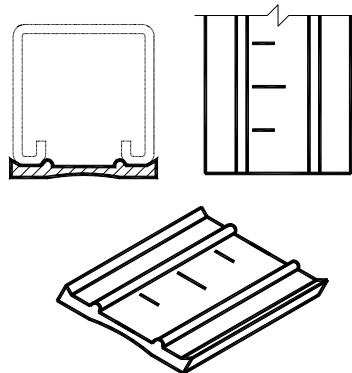
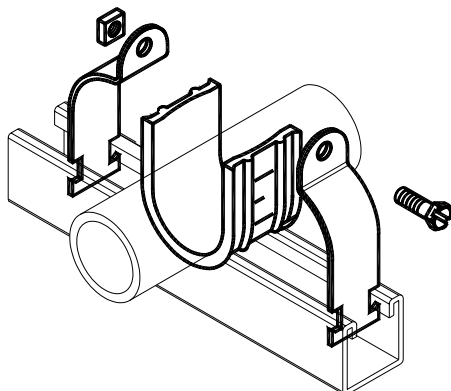
Strut Clamps (con't)

Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

PW

Pipe Wrap



Sold In 25 Foot Rolls

Catalog Number PW 2500EP

Recommended clamp size and cut length for common pipe and tubing.

Iron Pipe or Rigid Conduit

Nominal Pipe Size Inch	Metric	PW Cut Length in.	mm	Clamp Number	Qty Per Roll *
3/8	10	2-1/8	54.0	SCE 0075EG	141
1/2	15	2-5/8	66.7	SCR 0075EG	114
3/4	20	3-1/4	82.6	SCO 0125EG	92
1	25	4-1/8	104.8	SCE 0125EG	72
1-1/4	32	5-3/16	131.8	SCR 0150EG	57
1-1/2	40	5-15/16	150.8	SCO 0212EG	50
2	50	7-7/16	188.9	SCO 0262EG	40
2-1/2	65	9	228.6	SCO 0312EG	33
3	80	11	279.4	SCO 0375EG	27
3-1/2	90	12-1/2	317.5	SCO 0425EG	24
4	100	14-1/8	358.8	SCO 0475EG	21
5	125	17-7/16	442.9	SCO 0575EG	17
6	150	20-3/4	527.1	SCO 0687EG	14

Thin Wall (EMT) Conduit

Nominal Pipe Size Inch	Metric	PW Cut Length in.	mm	Clamp Number	Qty Per Roll *
3/8	10	1-13/16	46.0	SCO 0075EG	165
1/2	15	2-3/16	55.6	SCE 0075EG	137
3/4	20	2-7/8	73.0	SCE 0100EG	104
1	25	3-5/8	92.1	SCO 0137EG	82
1-1/4	32	4-11/16	119.1	SCO 0187EG	64
1-1/2	40	5-7/16	138.1	SCR 0150EG	55
2	50	6-7/8	174.6	SCR 0200EG	43

Copper Tubing

Nominal Pipe Size Inch	Metric	PW Cut Length in.	mm	Clamp Number	Qty Per Roll *
1/4	6	1-1/8	28.6	SCO 0062EG	266
3/8	10	1-9/16	39.7	SCO 0075EG	192
1/2	15	1-7/8	47.6	SCO 0087EG	160
5/8	17	2-5/16	58.7	SCO 00100EG	129
3/4	20	2-3/4	69.9	SCO 0112EG	109
1	25	3-1/2	88.9	SCO 0137EG	85
1-1/4	32	4-5/16	109.5	SCO 0162EG	69
1-1/2	40	5-1/16	128.6	SCO 0187EG	59
2	50	6-11/16	169.9	SCR 0200EG	44
2-1/2	65	8-1/4	209.6	SCR 0250EG	36
3	80	9-13/16	249.2	SCO 0337EG	30
3-1/2	90	11-3/8	288.9	SCO 0387EG	26
4	100	12-15/16	328.6	SCO 0437EG	23
5	125	16-1/16	408.0	SCO 0537EG	18
6	150	19-1/4	488.9	SCO 0637EG	15
8	200	25-1/2	647.7	SCO 0837EG	11

* Quantity per roll is an approximation based on the cut length specified from a 25 foot roll.



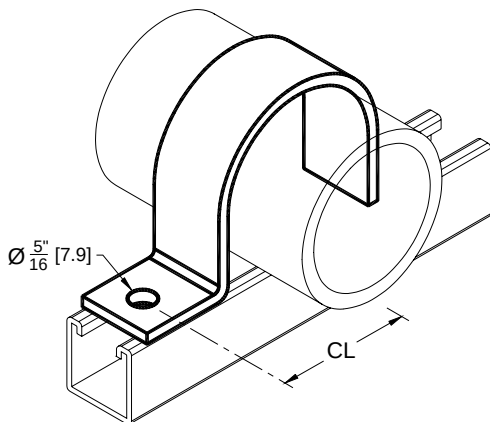
Tubing Clamps

Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

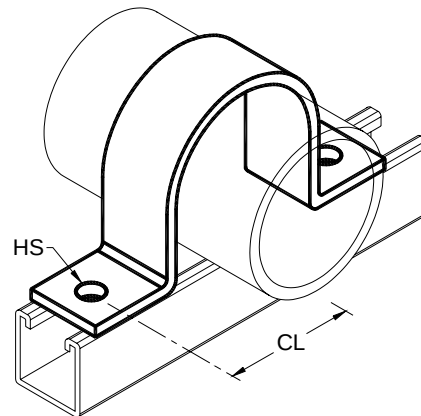
TC1

O.D. Tubing Clamp



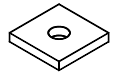
PS2

Pipe Strap



Catalog Number	Tubing O.D.		CL	
	in.	mm	in.	mm
TC1 0025EG	1/4	6.3	9/16	14.3
TC1 0031EG	5/16	7.9	9/16	14.3
TC1 0037EG	3/8	9.5	5/8	15.9
TC1 0050EG	1/2	12.7	11/16	17.5
TC1 0062EG	5/8	15.8	3/4	19.0
TC1 0075EG	3/4	19.0	13/16	20.6
TC1 0087EG	7/8	22.2	7/8	22.2
TC1 0100EG	1	25.4	15/16	23.8
TC1 0125EG	1-1/4	31.7	1-1/16	27.0
TC1 0150EG	1-1/2	38.1	1-3/16	30.2
TC1 0200EG	2	50.8	1-7/16	36.5

Catalog Number	Pipe Size		HS		CL	
	Inch	Metric	in.	mm	in.	mm
PS2 0050EG	1/2	15	5/16	7.9	15/16	23.8
PS2 0075EG	3/4	20	5/16	7.9	1	25.4
PS2 0100EG	1	25	5/16	7.9	1-1/8	28.6
PS2 0125EG	1-1/4	32	5/16	7.9	1-5/16	33.3
PS2 0150EG	1-1/2	40	5/16	7.9	1-7/16	36.5
PS2 0200EG	2	50	7/16	11.1	2-1/8	54.0
PS2 0250EG	2-1/2	65	7/16	11.1	2-3/8	60.3
PS2 0300EG	3	80	7/16	11.1	2-11/16	68.3
PS2 0350EG	3-1/2	90	7/16	11.1	2-15/16	74.6
PS2 0400EG	4	100	9/16	14.3	3-3/16	81.0
PS2 0500EG	5	125	9/16	14.3	3-3/4	95.2
PS2 0600EG	6	150	9/16	14.3	4-1/4	107.9



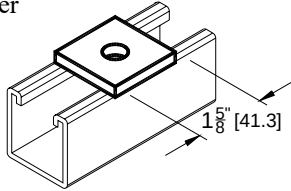
FLAT FITTINGS

Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

F09 THRU F15

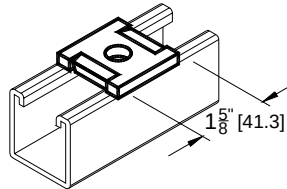
Square Washer



Catalog Number	Bolt Size		Hole Size		Model #
	Inch	mm	Inch	mm	
F10 0025EG	1/4	6	5/16	7.9	F10
F09 0031EG	5/16	7	3/8	9.5	F09
F11 0037EG	3/8	8	7/16	11.1	F11
F12 0050EG	1/2	12	9/16	14.3	F12
F13 0062EG	5/8	16	11/16	17.5	F13
F14 0075EG	3/4	20	13/16	20.6	F14
F15 0087EG	7/8	22	15/16	23.8	F15

F20 THRU F24

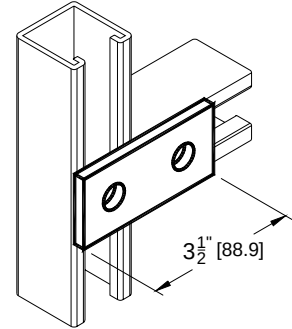
Notched Square Washer



Catalog Number	Bolt Size		Model #
	Inch	mm	
F20 0025EG	1/4	6	F20
F21 0037EG	3/8	8	F21
F22 0050EG	1/2	12	F22
F23 0062EG	5/8	16	F23
F24 0075EG	3/4	20	F24

F30

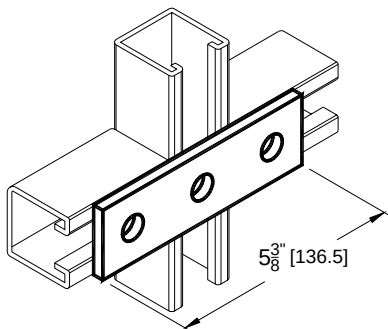
2 Hole Splice Plate



Catalog Number F30 0000EG

F31

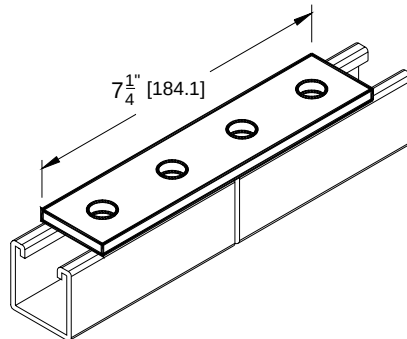
3 Hole Splice Plate



Catalog Number F31 0000EG

F32

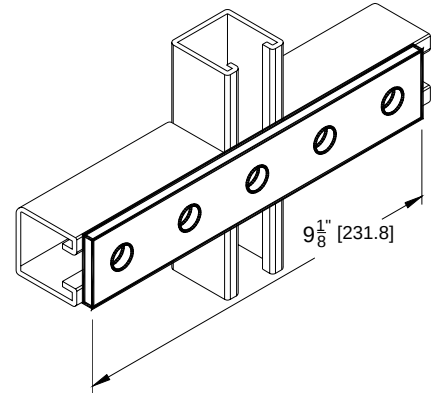
4 Hole Splice Plate



Catalog Number F32 0000EG

F33

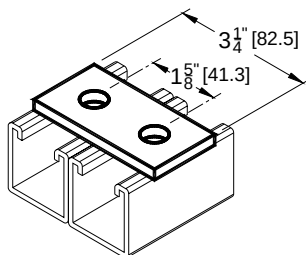
5 Hole Splice Plate



Catalog Number F33 0000EG

F34

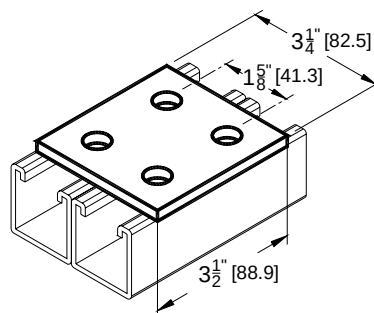
2 Hole Parallel Splice Plate



Catalog Number F34 0000EG

F35

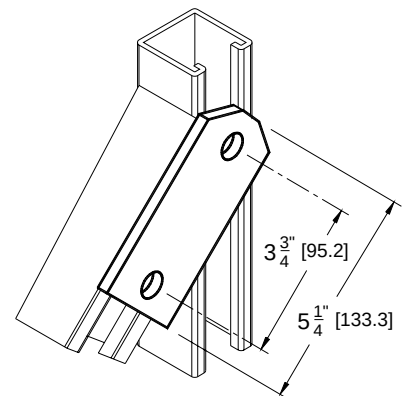
4 Hole Parallel Splice Plate



Catalog Number F35 0000EG

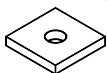
F40

2 Hole Swivel Plate



Catalog Number F40 0000EG

Material is 1-5/8" [41.3] wide x 1/4" [6.3] thick unless specified. Holes are 9/16" (14.3) diameter, 13/16" [20.6] center to edge on 1-7/8" [47.6] centers unless specified.



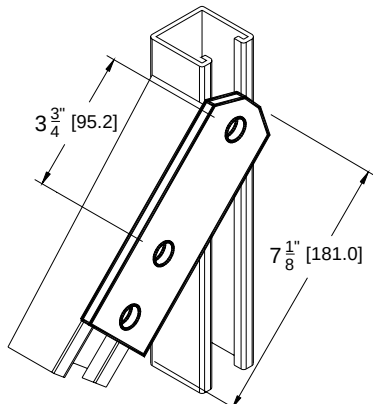
FLAT FITTINGS (con't)

Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

F41

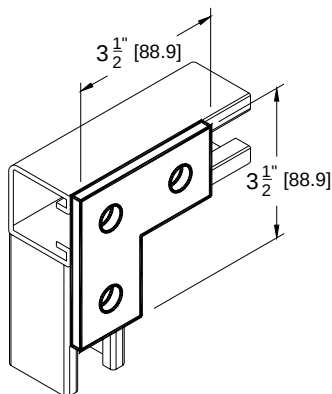
3 Hole Swivel Plate



Catalog Number F41 0000EG

F50

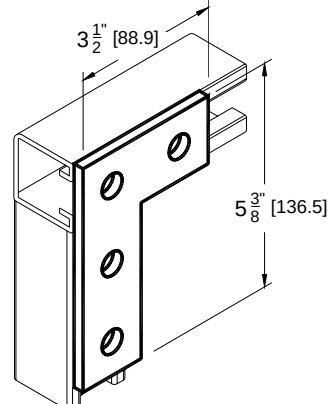
3 Hole Corner Plate



Catalog Number F50 0000EG

F51

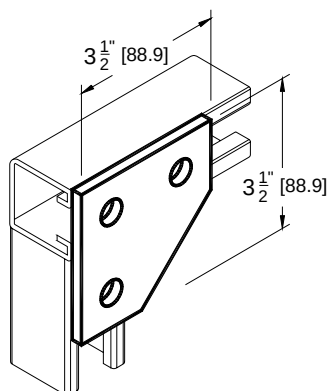
4 Hole Corner Plate



Catalog Number F51 0000EG

F52

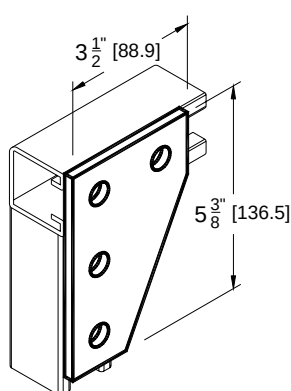
3 Hole Corner Gusset Plate



Catalog Number F52 0000EG

F53

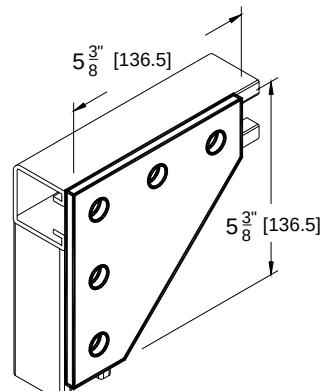
4 Hole Corner Gusset Plate



Catalog Number F53 0000EG

F54

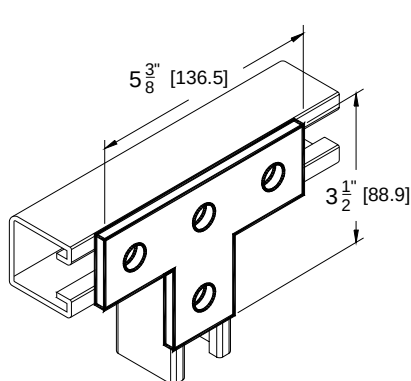
5 Hole Corner Gusset Plate



Catalog Number F54 0000EG

F60

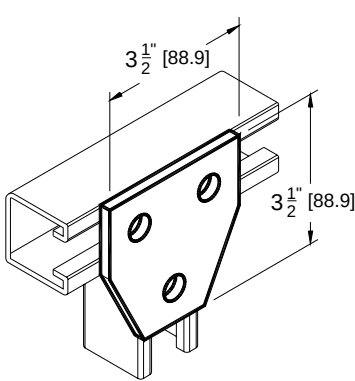
4 Hole Tee Plate



Catalog Number F60 0000EG

F61

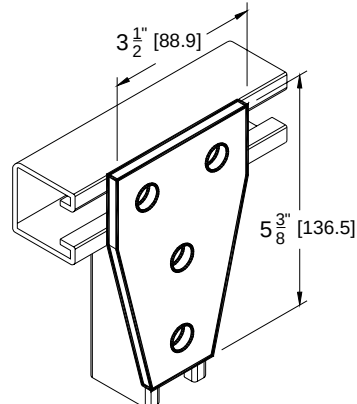
3 Hole Tee Gusset Plate



Catalog Number F61 0000EG

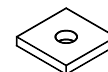
F62

4 Hole Tee Gusset Plate



Catalog Number F62 0000EG

Material is 1-5/8" [41.3] wide x 1/4" [6.3] thick unless specified. Holes are 9/16" (14.3) diameter, 13/16" [20.6] center to edge on 1-7/8" [47.6] centers unless specified.



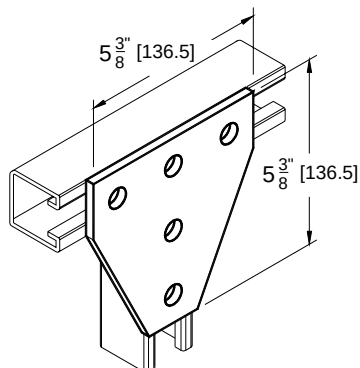
FLAT FITTINGS (con't)

Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

F63

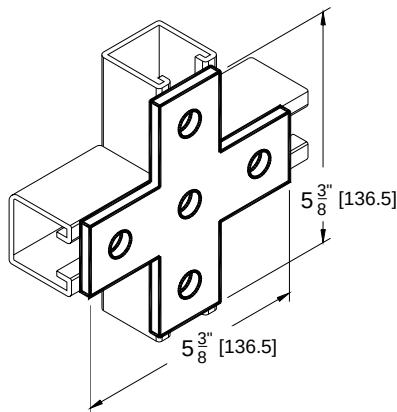
5 Hole Tee Gusset Plate



Catalog Number F63 0000EG

F70

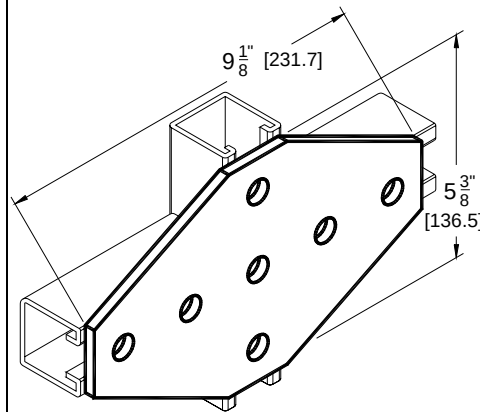
5 Hole Cross Plate



Catalog Number F70 0000EG

F71

7 Hole Cross Gusset Plate



Catalog Number F71 0000EG

Material is 1-5/8" [41.3] wide x 1/4" [6.3] thick unless specified. Holes are 9/16" (14.3) diameter, 13/16" [20.6] center to edge on 1-7/8" [47.6] centers unless specified.



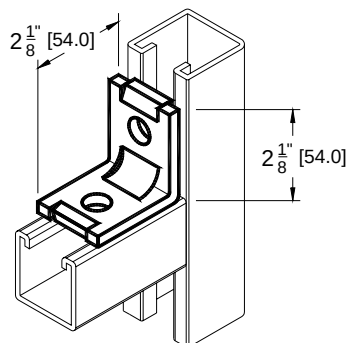
Angle Fittings

Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

L10

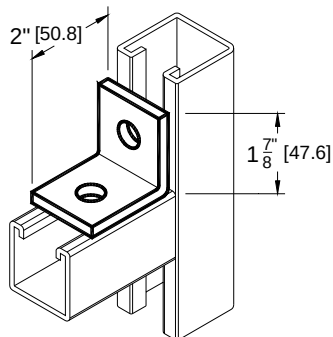
2 Hole No Twist Corner Angle



Catalog Number L10 0000EG

L11

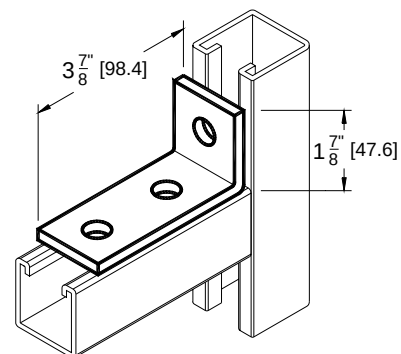
2 Hole Corner Angle



Catalog Number L11 0000EG

L12

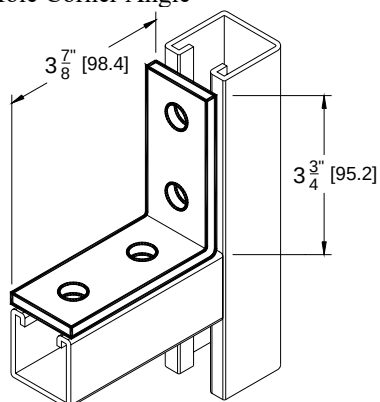
3 Hole Corner Angle



Catalog Number L12 0000EG

L13

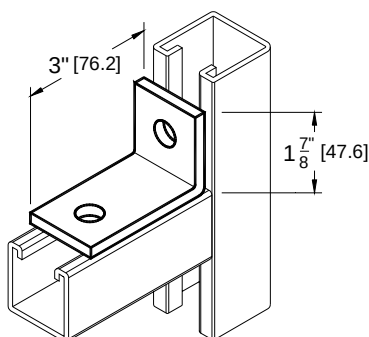
4 Hole Corner Angle



Catalog Number L13 0000EG

L14

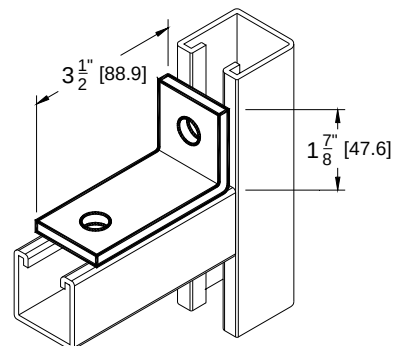
2 Hole 3" Corner Angle



Catalog Number L14 0000EG

L15

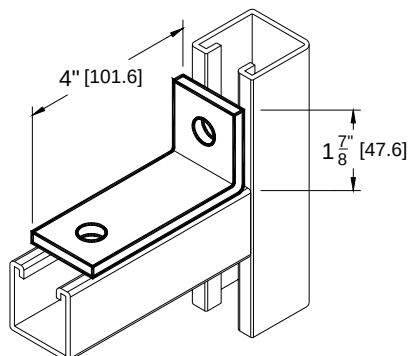
2 Hole 3-1/2" Corner Angle



Catalog Number L15 0000EG

L16

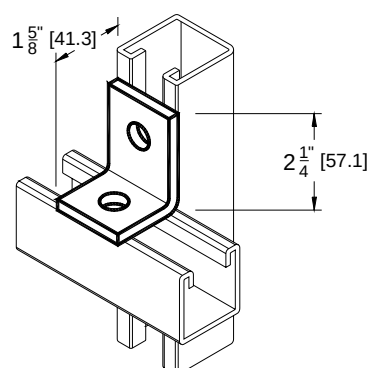
2 Hole 4" Corner Angle



Catalog Number L16 0000EG

L20

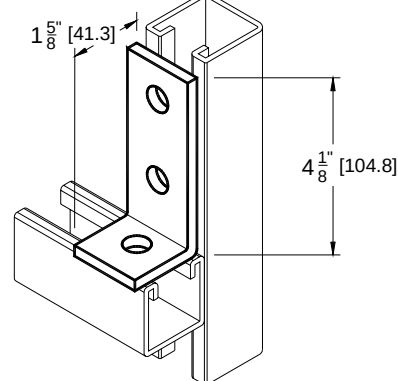
2 Hole Cross Corner Angle



Catalog Number L20 0000EG

L21

3 Hole Corner Angle



Catalog Number L21 0000EG

Material is 1-5/8" [41.3] wide x 1/4" [6.3] thick unless specified. Holes are 9/16" (14.3) diameter, 13/16" [20.6] center to edge on 1-7/8" [47.6] centers unless specified.



MAXISTRUT

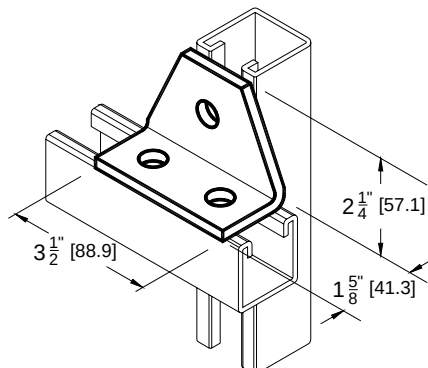
Angle Fittings (con't)

Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

L22

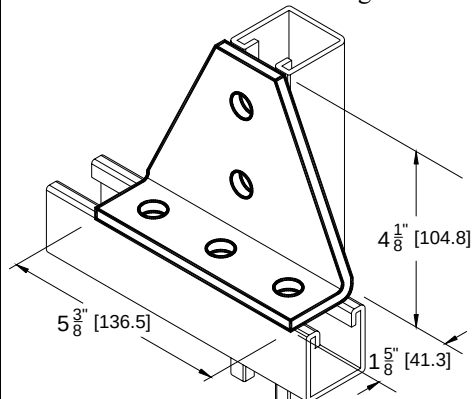
3 Hole Cross Gusset Corner Angle



Catalog Number L22 0000EG

L23

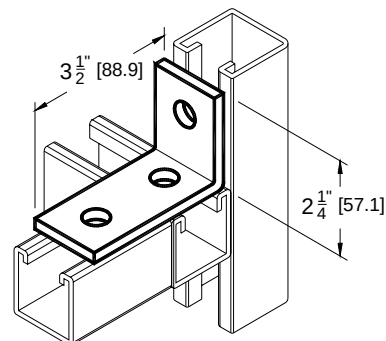
5 Hole Cross Gusset Corner Angle



Catalog Number L23 0000EG

L30

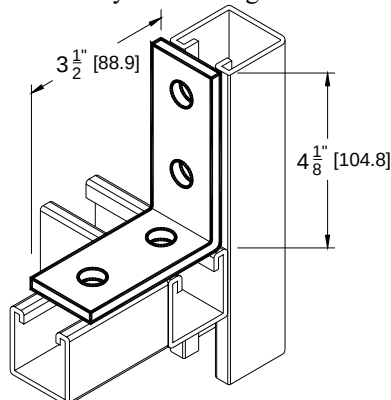
3 Hole 3 Way Corner Angle



Catalog Number L30 0000EG

L31

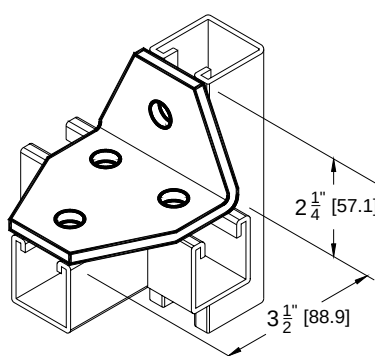
4 Hole 3 Way Corner Angle



Catalog Number L31 0000EG

L32

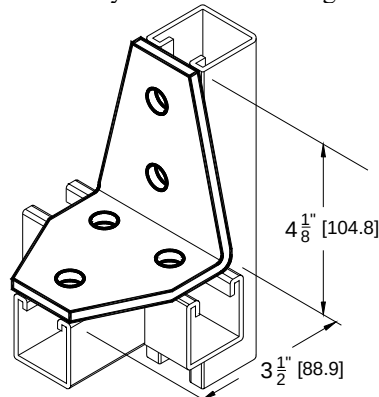
4 Hole 3 Way Gusset Corner Angle



Catalog Number L32 0000EG

L33

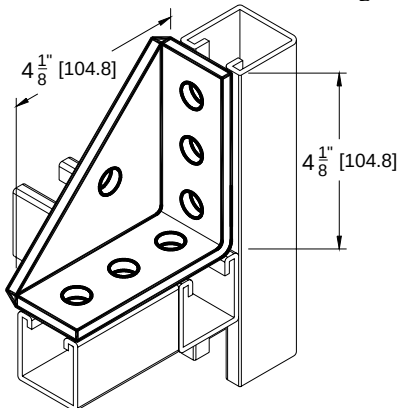
5 Hole 3 Way Gusset Corner Angle



Catalog Number L33 0000EG

L34

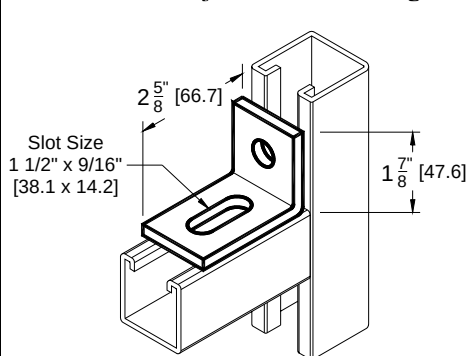
7 Hole Universal Gusset Corner Angle



Catalog Number L34 0000EG

L40

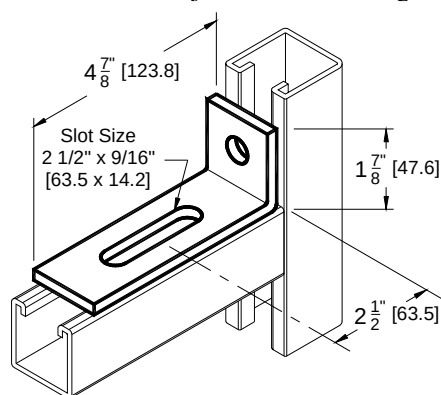
2 Hole 2-5/8" Adjustable Corner Angle



Catalog Number L40 0000EG

L41

2 Hole 4-7/8" Adjustable Corner Angle



Catalog Number L41 0000EG

Material is 1-5/8" [41.3] wide x 1/4" [6.3] thick unless specified. Holes are 9/16" (14.3) diameter, 13/16" [20.6] center to edge on 1-7/8" [47.6] centers unless specified.



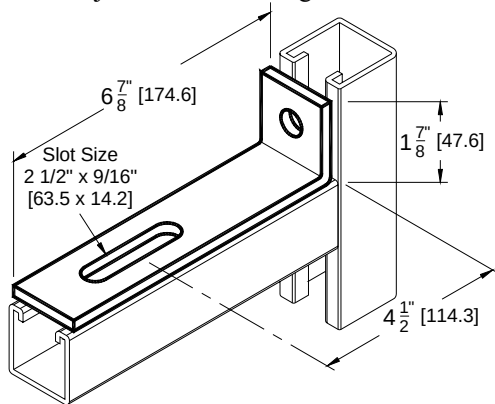
Angle Fittings (con't)

Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

L42

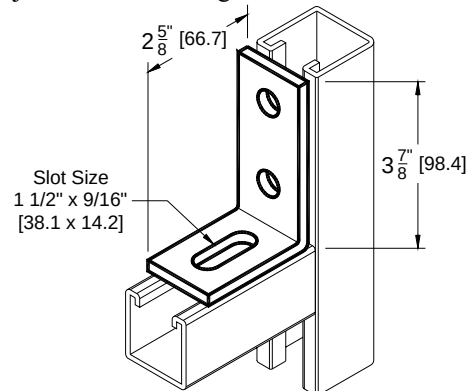
2 Hole 6-7/8" Adjustable Corner Angle



Catalog Number L42 0000EG

L43

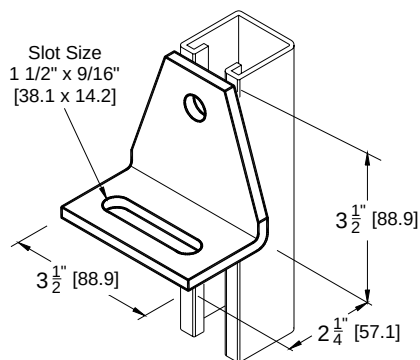
3 Hole Adjustable Corner Angle



Catalog Number L43 0000EG

L44

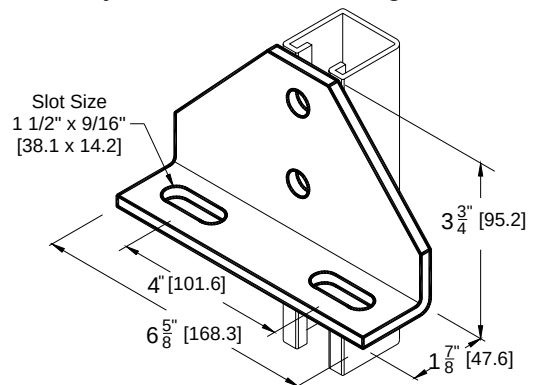
2 Hole Adjustable Gusset Corner Angle



Catalog Number L44 0000EG

L45

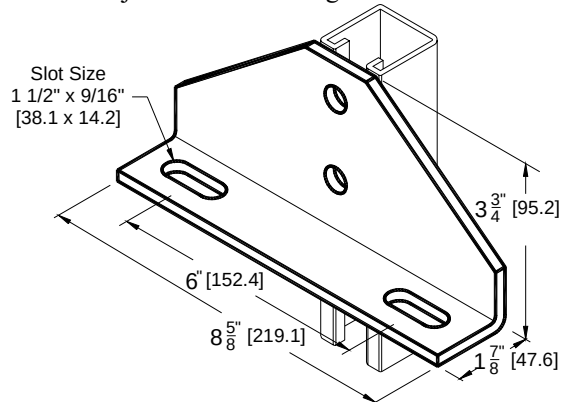
4 Hole 6-5/8" Adjustable Gusset Corner Angle



Catalog Number L45 0000EG

L46

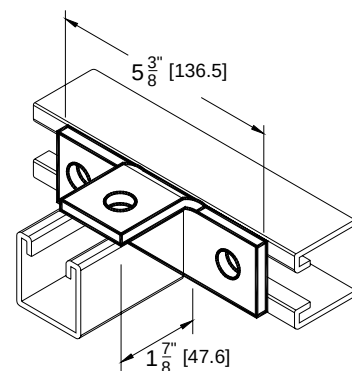
4 Hole 8-5/8" Adjustable Corner Angle



Catalog Number L46 0000EG

L50

4 Hole Offset Corner Angle



Catalog Number L50 0000EG

Material is 1-5/8" [41.3] wide x 1/4" [6.3] thick unless specified. Holes are 9/16" (14.3) diameter, 13/16" [20.6] center to edge on 1-7/8" [47.6] centers unless specified.

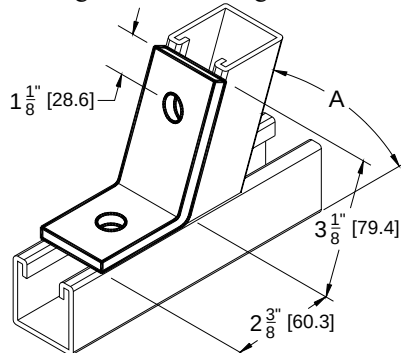


Angle Fittings (con't)

Standard finish is Zinc Electroplate.
See page one for a listing of product finishes and materials.

L60

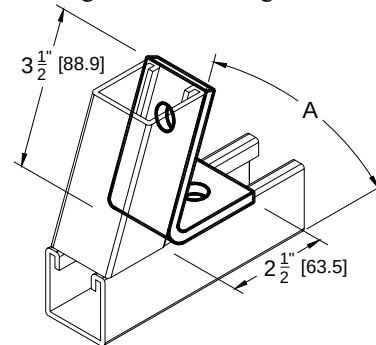
2 Hole Open 45 Degree* Corner Angle



*"A" is available in any angle up to 90°
Dimensions shown may vary based on specified angle "A"
Catalog Number L60 0000EG

L61

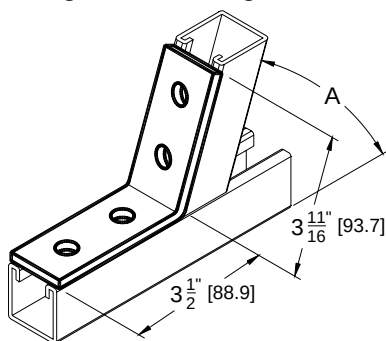
2 Hole Closed 45 Degree* Corner Angle



*"A" is available in any angle up to 90°
Dimensions shown may vary based on specified angle "A"
Catalog Number L61 0000EG

L62

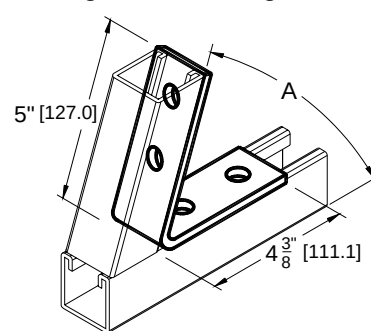
4 Hole Open 45 Degree* Corner Angle



*"A" is available in any angle up to 90°
Dimensions shown may vary based on specified angle "A"
Catalog Number L62 0000EG

L63

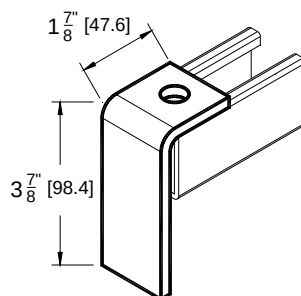
4 Hole Closed 45 Degree* Corner Angle



*"A" is available in any angle up to 90°
Dimensions shown may vary based on specified angle "A"
Catalog Number L63 0000EG

L70

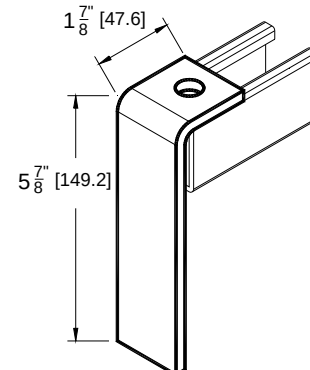
1 Hole 3-7/8" Corner Angle



Catalog Number L70 0000EG

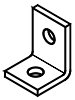
L71

1 Hole 5-7/8" Corner Angle



Catalog Number L71 0000EG

Material is 1-5/8" [41.3] wide x 1/4" [6.3] thick unless specified. Holes are 9/16" (14.3) diameter, 13/16" [20.6] center to edge on 1-7/8" [47.6] centers unless specified.



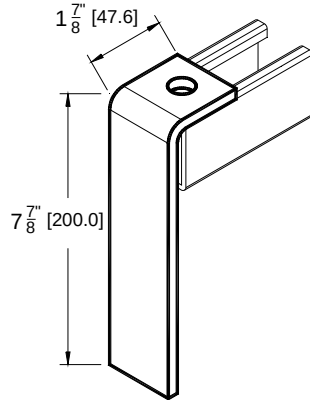
Angle Fittings (con't)

Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

L72

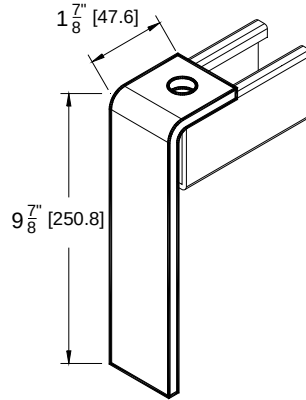
1 Hole 7-7/8" Corner Angle



Catalog Number L72 0000EG

L73

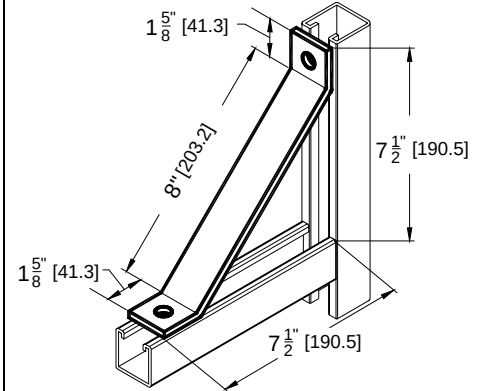
1 Hole 9-7/8" Corner Angle



Catalog Number L73 0000EG

L80

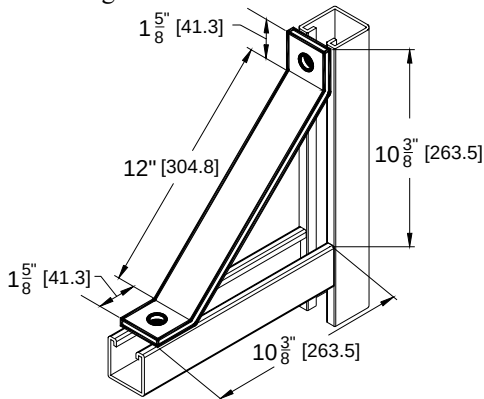
8" Angle Brace



Catalog Number L80 0000EG

L81

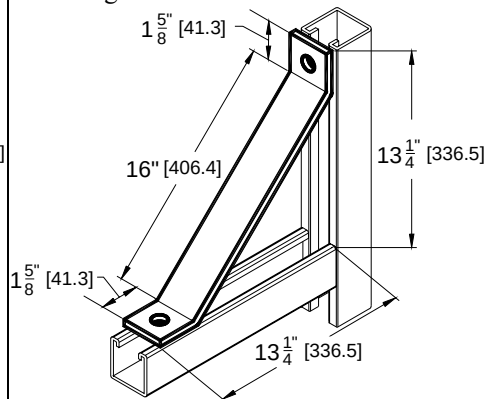
12" Angle Brace



Catalog Number L81 0000EG

L82

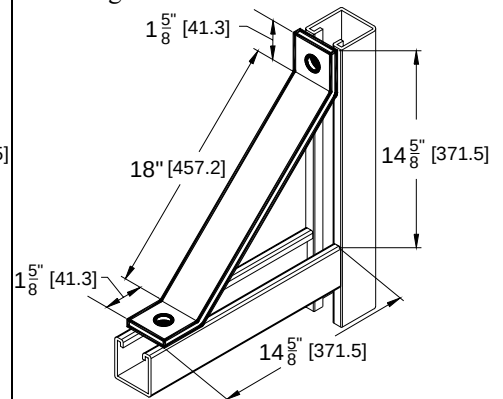
16" Angle Brace



Catalog Number L82 0000EG

L83

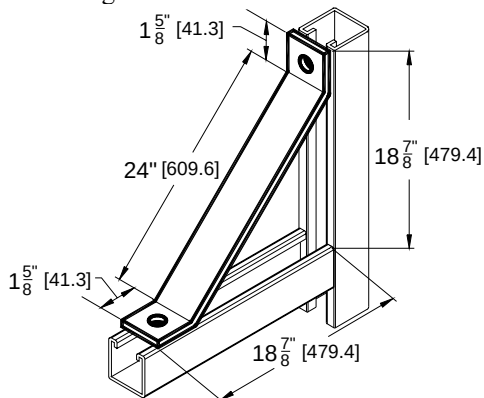
18" Angle Brace



Catalog Number L83 0000EG

L84

24" Angle Brace



Catalog Number L84 0000EG

Material is 1-5/8" [41.3] wide x 1/4" [6.3] thick unless specified. Holes are 9/16" (14.3) diameter, 13/16" [20.6] center to edge on 1-7/8" [47.6] centers unless specified.



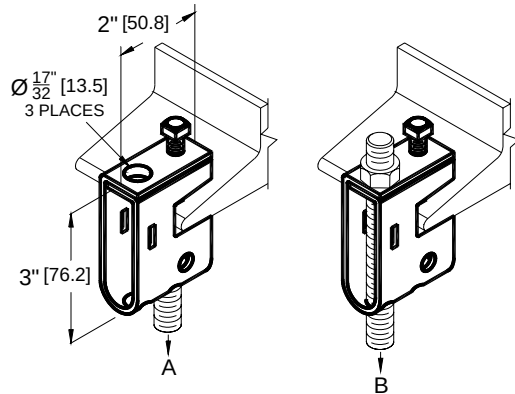
Beam Clamps

Standard finish is Zinc Electroplate.
See page one for a listing of product finishes and materials.

BC10

Beam Clamp Formed Steel

Maximum rod size 1/2" [12]
Maximum flange thickness 3/4" [19]
If swivel is required use BC12 Swivel Nut.



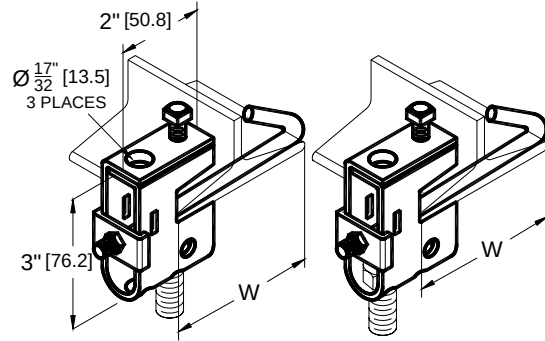
Position	Design Load	
	lbs	kN
A	500	2.22
B	300	1.33

Catalog Number BC100000EG

BC11

Beam Clamp Formed Steel with J – Hook

Maximum rod size 1/2" [12]
Maximum flange thickness 3/4" [19]
If swivel is required use BC12 Swivel Nut.

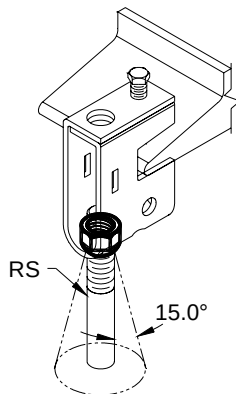


Catalog Number	W	
	in.	mm
BC110600EG	3 thru 6	76 thru 152
BC110900EG	6 thru 9	152 thru 228
BC111200EG	9 thru 12	228 thru 305

Design loads are the same as model BC10

BC12

Swivel Nut for use with BC10, BC11 and BC14



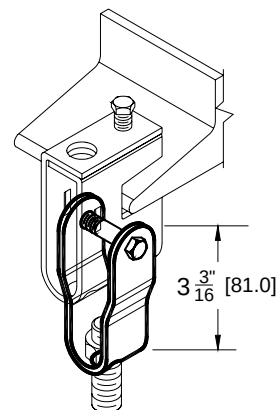
Provides 15° of swivel in any direction.
Specify Rod Size (RS) when ordering

Catalog Number	RS
BC120025EG	1/4-20
BC120037EG	3/8-16
BC120050EG	1/2-13

BC14

Beam Clamp Swivel Adapter for BC10

For use with 1/4", 3/8" or 1/2" rod (6mm, 8mm or 10mm).
If swivel is required use BC12 Swivel Nut.



Design load 500 lb [2.22 kN]

Catalog Number BC140000EG

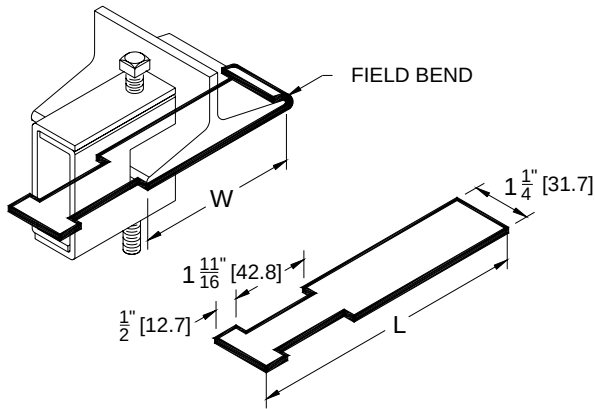


Beam Clamps (con't)

Standard finish is Zinc Electroplate.
See page one for a listing of product finishes and materials.

BC13

Beam Clamp Anchor Strap



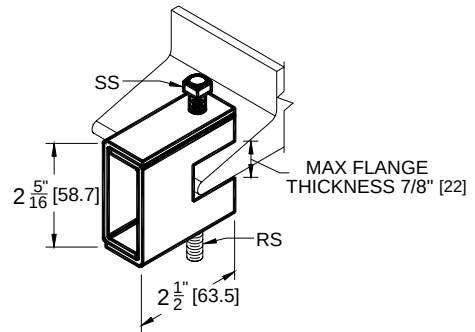
Catalog Number	W * (max)		L	
	in.	mm	in.	mm
BC130600EG	6	152	9	228
BC130900EG	9	228	12	305
BC131200EG	12	305	15	381
BC131500EG	15	381	18	457

* For beam flange thickness greater than 3/4" [19mm] use next larger flange width size.

BC15

Formed Steel Beam Clamp

Maximum flange thickness 7/8" [22]

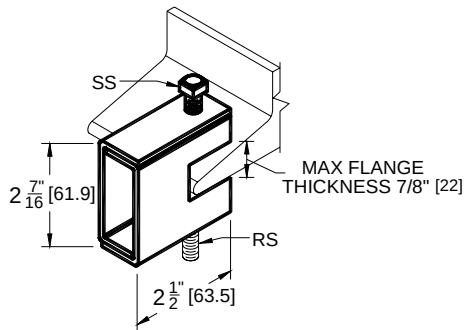


Catalog Number	Rod Size (RS)	Set Screw Size (SS)	Design Load	
			lbs	kN
BC150037EG	3/8"	3/8" - 16	650	2.89
BC150050EG	1/2"	1/2" - 13	650	2.89
BC150062EG	5/8"	1/2" - 13	650	2.89

BC16

Formed Steel Heavy Duty Beam Clamp

Maximum 7/8" [22] beam thickness

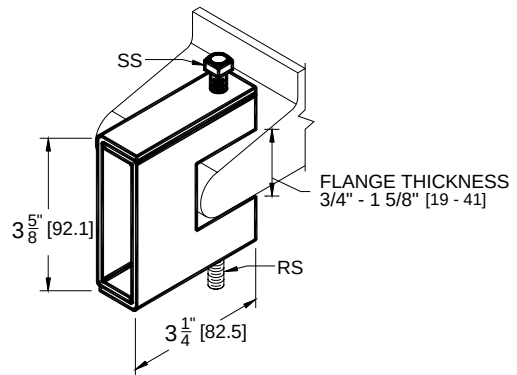


Catalog Number	Rod Size (RS)	Set Screw Size (SS)	Design Load	
			lbs	kN
BC160037EG	3/8"	1/2" - 13	1100	4.89
BC160050EG	1/2"	1/2" - 13	1100	4.89
BC160062EG	5/8"	1/2" - 13	1100	4.89

BC17

Formed Steel Heavy Duty Beam Clamp

For 3/4" through 1-5/8" [19 through 41] flange thickness



Catalog Number	Rod Size (RS)	Set Screw Size (SS)	Design Load	
			lbs	kN
BC170037EG	3/8"	1/2" - 13	1100	4.89
BC170050EG	1/2"	1/2" - 13	1100	4.89
BC170062EG	5/8"	1/2" - 13	1100	4.89

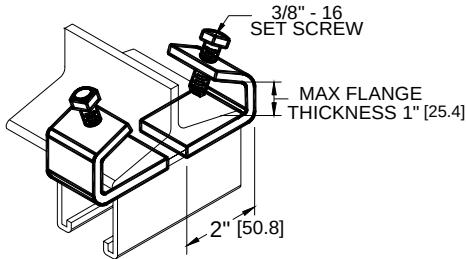


Beam Clamps (con't)

Standard finish is Zinc Electroplate.
See page one for a listing of product finishes and materials.

BC20

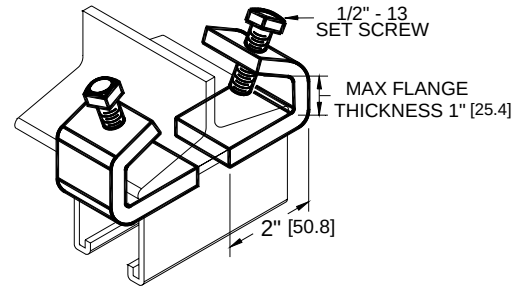
Strut to Beam Clamp C-Type
1/4" [6.3] material thickness



Design load 550 Lbs [2.45 kN] when used in pairs
Catalog Number BC200000EG

BC21

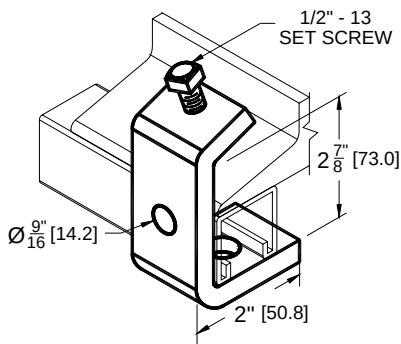
Strut to Beam Clamp C-Type
3/8" [9.5] material thickness



Design load 1000 Lbs [4.45 kN] when used in pairs
Catalog Number BC210000EG

BC22

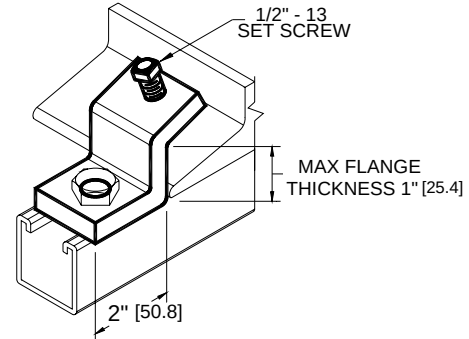
Strut to Beam Clamp C-Type, Parallel
3/8" [9.5] material thickness



Design load 1000 Lbs [4.45 kN] when used in pairs
Catalog Number BC220000EG

BC30

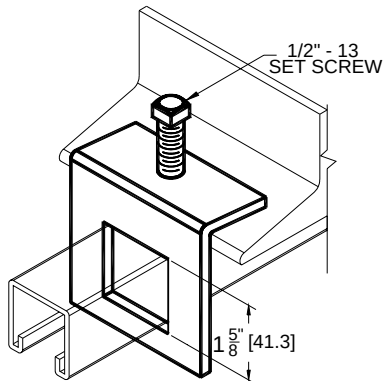
Strut to Beam Clamp Z-Type
3/8" [9.5] material thickness



Design load 600 Lbs [2.67 kN] when used in pairs
Clamp requires 1/2"-13 HCS and 1/2" channel nut, order separately
Catalog Number BC300000EG

BC40

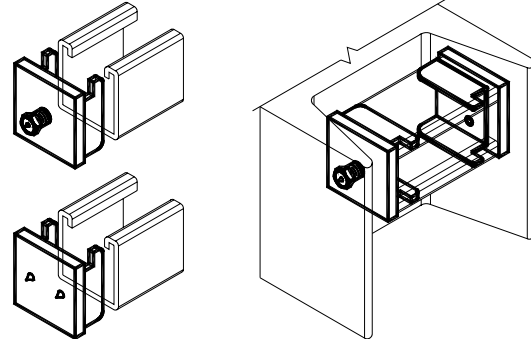
Strut to Beam Clamp Window Type



Design load 950 Lbs [4.23 kN] when used in pairs
Catalog Number BC400000EG

BC50

Strut to Beam Spreader Caps



Includes 1 adjustable cap and 1 nonadjustable cap
Cut strut length to opening minus 1" [25mm]
Design load 500 Lbs [2.22 kN] when used as a set
Catalog Number BC500000EG



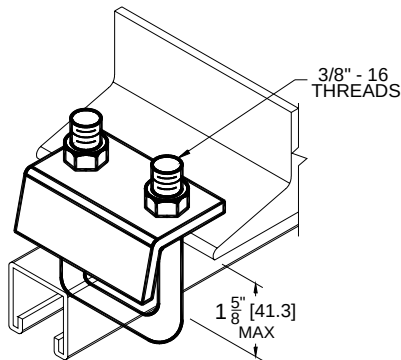
Beam Clamps (con't)

Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

BC60

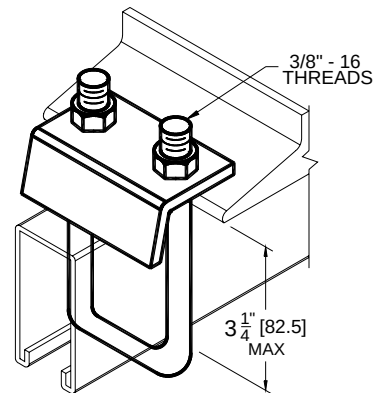
Strut to Beam Clamp with Square U-Bolt
For 13/16" & 1-5/8" Channel



Design load 1200 Lbs [5.34 kN] when used in pairs
Catalog Number BC600000EG

BC61

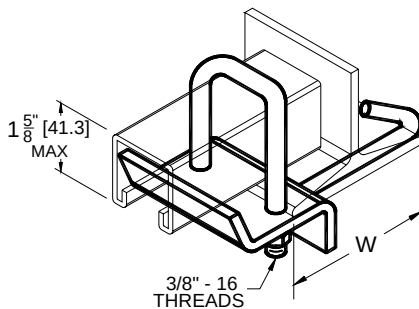
Strut to Beam Clamp with Square U-Bolt
For 2-7/16" & 3-1/4" Channel



Design load 1200 Lbs [5.34 kN] when used in pairs
Catalog Number BC610000EG

BC62

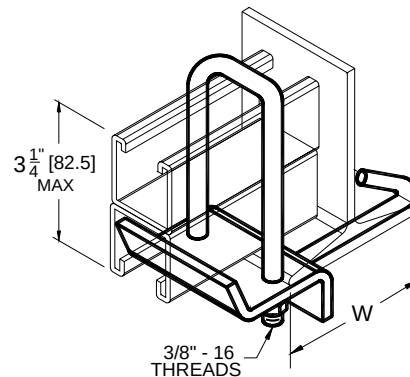
Strut to Beam Clamp with Square U-Bolt and J-Hook
For 13/16" & 1-5/8" channel



Catalog Number	W	
	in.	mm
BC620600EG	4 to 6	101 to 152
BC620900EG	6 to 9	152 to 228
BC621200EG	9 to 12	228 to 305

BC63

Strut to Beam Clamp with Square U-Bolt and J-Hook
For 2-7/16" & 3-1/4" channel



Catalog Number	W	
	in.	mm
BC630600EG	4 to 6	101 to 152
BC630900EG	6 to 9	152 to 228
BC631200EG	9 to 12	228 to 305



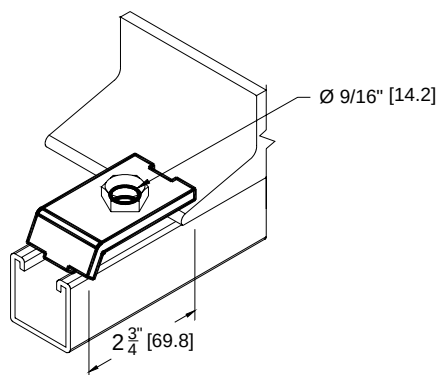
Beam Clamps (con't)

Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

BC70

Strut to Beam Clamp Notched Type



Material is 1-5/8\" [41.3] wide x 1/4\" [6.3] thick
Clamp requires 1/2\"-13 HCS and 1/2\" channel nut, order separately

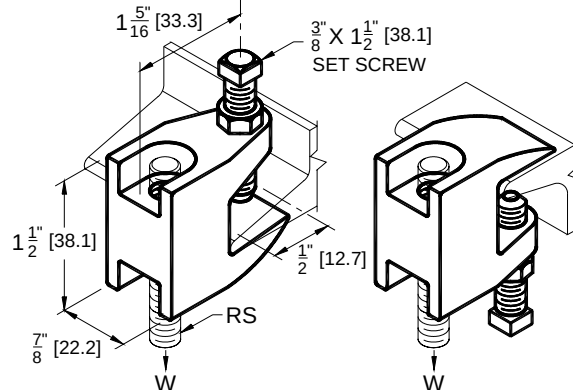
Design load 1100 Lbs [4.89 kN] when used in pairs

Catalog Number BC700000EG

BC80

Malleable Iron Universal Beam Clamp

Maximum flange thickness of 5/8\"

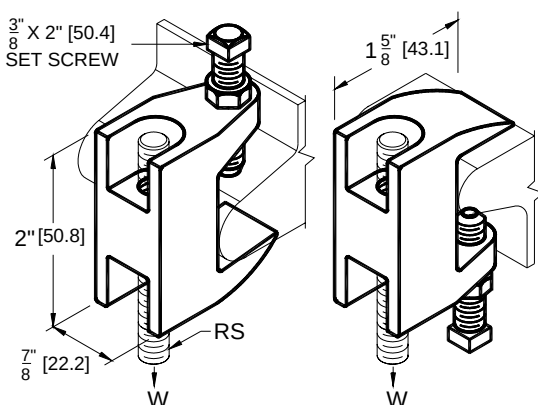


Catalog Number	Rod Size (RS)	Max Load W lbs	Max Load W kN	Max Pipe Size Inch	Max Pipe Size Metric
BC800037PL	3/8\" – 16	350	1.56	4	100
BC800037EG	3/8\" – 16	350	1.56	4	100
BC800050PL	1/2\" – 13	470	2.09	4	100
BC800050EG	1/2\" – 13	470	2.09	4	100

BC81

Wide Mouth Malleable Iron Universal Beam Clamp

Maximum flange thickness of 1-1/16\"

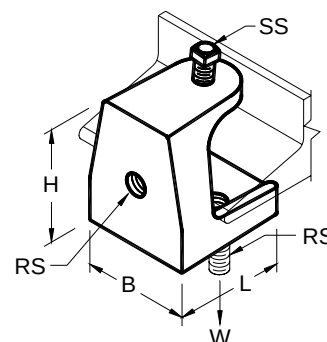


Catalog Number	Rod Size (RS)	Max Load W lbs	Max Load W kN	Max Pipe Size Inch	Max Pipe Size Metric
BC810037PL	3/8\" – 16	400	1.78	4	100
BC810037EG	3/8\" – 16	400	1.78	4	100
BC810050PL	1/2\" – 13	500	2.22	4	100
BC810050EG	1/2\" – 13	500	2.22	4	100

BC90

Malleable Iron Rod Support Beam Clamp

Maximum flange thickness of 1/2\"



Specifications

Catalog Number	Rod Size (RS)	Set Screw Size (SS)	Max Load (W) lbs	Max Load (W) kN
BC900025EG	1/4\" – 20	5/16\"-18	335	1.49
BC900037EG	3/8\"-16	1/2\"-13	525	2.34
BC900050EG	1/2\"-13	1/2\"-13	750	3.34

Dimensions

Catalog Number	in.	B	mm	in.	L	mm	in.	H	mm
BC900025EG	1-3/16	30.2	1-3/8	34.9	1-3/8	34.9			
BC900037EG	2-1/16	52.4	1-7/8	47.6	1-3/4	44.4			
BC900050EG	2-1/2	63.5	2-3/8	60.3	2-3/16	55.6			



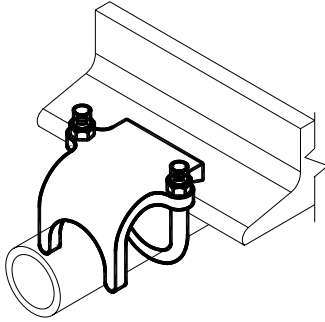
Beam Clamps (con't)

See page one for a listing of product finishes and materials.

RA

Right Angle Clamp

Standard finish is hot dip galvanized

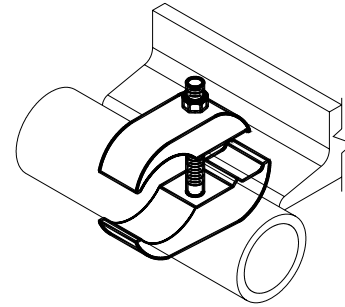


Catalog Number	Pipe Size	
	Inch	Metric
RA 0050HD	1/2	15
RA 0075HD	3/4	20
RA 0100HD	1	25
RA 0125HD	1-1/4	32
RA 0150HD	1-1/2	40
RA 0200HD	2	50
RA 0250HD	2-1/2	65
RA 0300HD	3	80
RA 0350HD	3-1/2	90
RA 0400HD	4	100

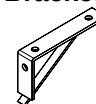
PAR

Parallel Clamp

Standard finish is hot dip galvanized



Catalog Number	Pipe Size	
	Inch	Metric
PAR 0050HD	1/2	15
PAR 0075HD	3/4	20
PAR 0100HD	1	25
PAR 0125HD	1-1/4	32
PAR 0150HD	1-1/2	40
PAR 0200HD	2	50



MAXISTRUT

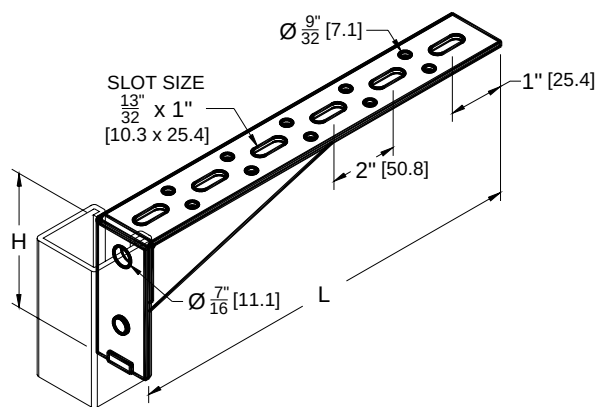
BRACKETS

Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

BR8R

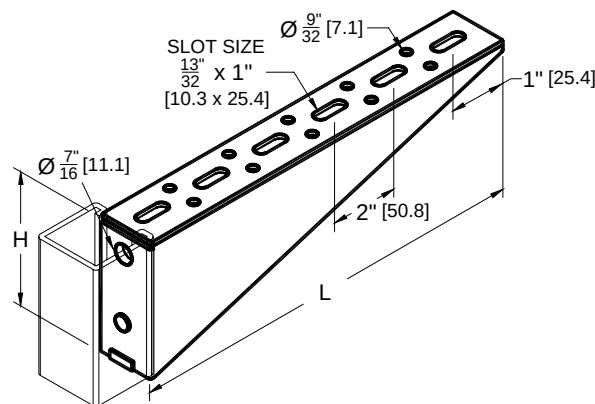
Bracket Shelf Slotted Right



Uniform load rating 250 lbs. [1.11kN] when mounted on 12 gauge channel

BR8L

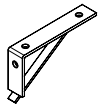
Bracket Shelf Slotted Left



Uniform load rating 250 lbs. [1.11kN] when mounted on 12 gauge channel

Catalog Number	in.	L mm	in.	H mm
BR8R0600EG	6	152.4	2-7/8	73.0
BR8R0800EG	8	203.2	2-7/8	73.0
BR8R1000EG	10	254.0	2-7/8	73.0
BR8R1200EG	12	304.8	3-7/16	87.3
BR8R1400EG	14	355.6	3-15/16	100.0
BR8R1600EG	16	406.4	4-7/16	112.7
BR8R1800EG	18	457.2	4-15/16	125.4
BR8R2000EG	20	508.0	5-7/16	138.1
BR8R2200EG	22	558.8	5-15/16	150.8
BR8R2400EG	24	609.6	6-7/16	163.5
BR8R2600EG	26	660.4	6-15/16	176.2
BR8R2800EG	28	711.2	7-7/16	188.9
BR8R3000EG	30	762.0	7-15/16	201.6

Catalog Number	in.	L mm	in.	H mm
BR8L0600EG	6	152.4	2-7/8	73.0
BR8L0800EG	8	203.2	2-7/8	73.0
BR8L1000EG	10	254.0	2-7/8	73.0
BR8L1200EG	12	304.8	3-7/16	87.3
BR8L1400EG	14	355.6	3-15/16	100.0
BR8L1600EG	16	406.4	4-7/16	112.7
BR8L1800EG	18	457.2	4-15/16	125.4
BR8L2000EG	20	508.0	5-7/16	138.1
BR8L2200EG	22	558.8	5-15/16	150.8
BR8L2400EG	24	609.6	6-7/16	163.5
BR8L2600EG	26	660.4	6-15/16	176.2
BR8L2800EG	28	711.2	7-7/16	188.9
BR8L3000EG	30	762.0	7-15/16	201.6



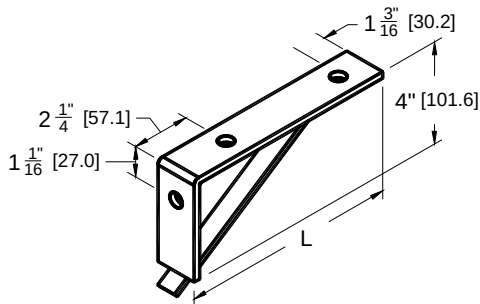
MAXISTRUT

BRACKETS (con't)

Standard finish is Zinc Electroplate.
See page one for a listing of product finishes and materials.

BR20

Bracket 3 Hole

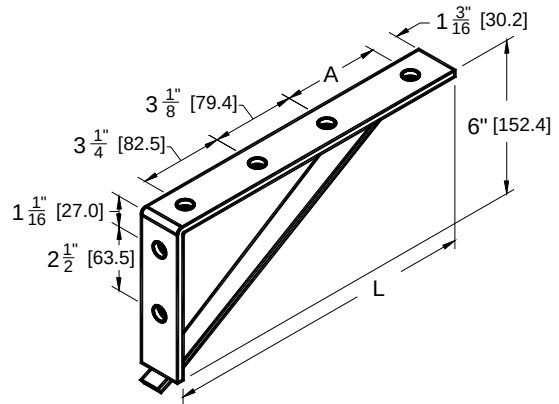


Catalog Number	L		Uniform Load *	
	in.	mm	lbs	kN
BR200850EG	8-1/2	215.9	850	3.78
BR201050EG	10-1/2	266.7	850	3.78

* When mounted on 12 gauge channel

BR21

Bracket 6 Hole

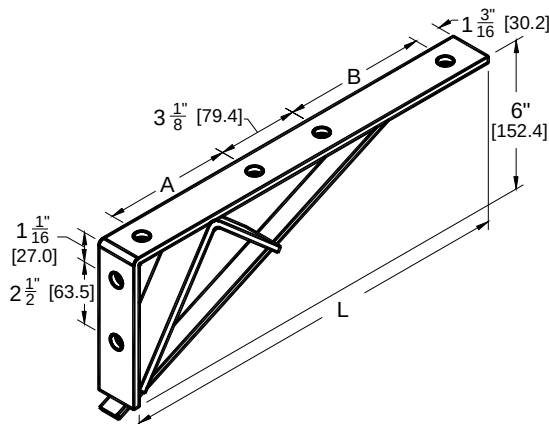


Catalog Number	L		A		Uniform Load	
	in.	mm	in.	mm	lbs	kN
BR211250EG	12-1/2	317.5	3-3/4	95.2	900	4.00
BR211450EG	14-1/2	368.3	5-3/4	146.0	900	4.00

* When mounted on 12 gauge channel

BR22

Bracket with Brace 6 Hole

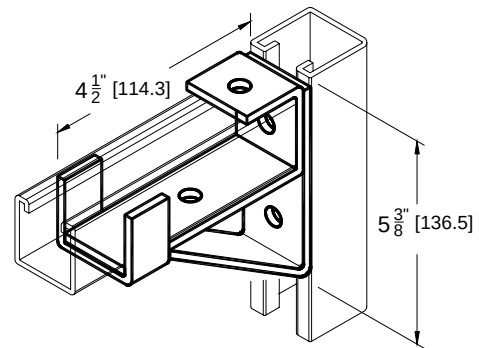


Catalog Number	L		A		B		Uniform Load *	
	in.	mm	in.	mm	in.	mm	lbs	kN
BR221650EG	16-1/2	419.1	5-1/4	133.3	5-3/4	146.0	1200	5.34
BR221850EG	18-1/2	469.9	5-1/4	133.3	7-3/4	196.8	1100	4.89
BR222050EG	20-1/2	520.7	7-1/4	184.1	7-3/4	196.8	900	4.00

* When mounted on 12 gauge channel

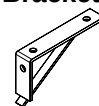
BR30

Bracket for 1-5/8" Channel



Maximum loading 5800 in. lb. (655 Nm)
When mounted on 12 gauge channel
Max load applies to bracket only, not the strength of the strut arm.
Catalog Number BR300000EG

Material is 1-5/8" [41.3] wide x 1/4" [6.3] thick unless specified. Hole centers are 13/16" [20.6] from edge on 1-7/8" [47.6] centers unless specified.



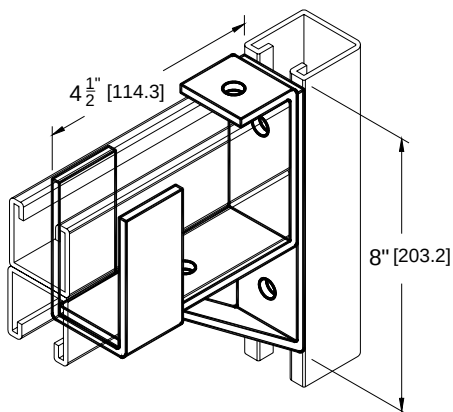
BRACKETS (con't)

Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

BR31

Bracket for 3-1/4" Channel

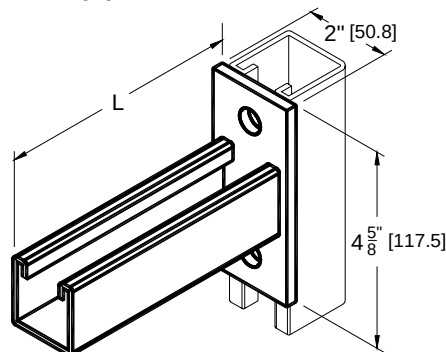


Maximum loading 12500 in. lb. (1412 Nm)
When mounted on 12 gauge channel
Max load applies to bracket only, not the strength of the strut arm.

Catalog Number BR310000EG

BR40

Bracket Channel 1-5/8" Channel 2 Hole

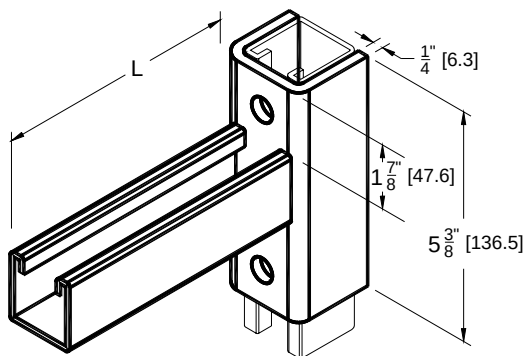


Catalog Number	L		Uniform Load *	
	in.	mm	Lbs	kN
BR400600EG	6	152.4	1250	5.56
BR400900EG	9	228.6	1000	4.45
BR401200EG	12	304.8	750	3.34
BR401800EG	18	457.2	500	2.22
BR402400EG	24	609.6	350	1.56

* When mounted on 12 gauge channel

BR41

Bracket Channel Wrap Around 1-5/8" Channel

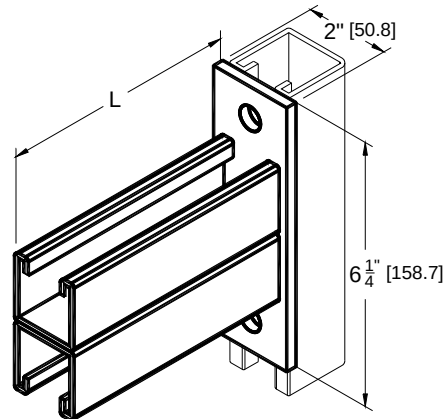


Catalog Number	L		Uniform Load *	
	in.	mm	Lbs	kN
BR410600EG	6	152.4	1250	5.56
BR411200EG	12	304.8	1000	4.45
BR411800EG	18	457.2	750	3.34
BR412400EG	24	609.6	500	2.22

* When mounted on 12 gauge channel

BR42

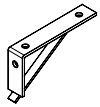
Bracket Double 1-5/8" Channel



Catalog Number	L		Uniform Load *	
	in.	mm	Lbs	kN
BR421200EG	12	304.8	1800	8.01
BR421800EG	18	457.2	1200	5.34
BR422400EG	24	609.6	1000	4.45
BR423000EG	30	762.0	800	3.56
BR423600EG	36	914.4	660	2.94

* When mounted on 12 gauge channel

Material is 1-5/8" [41.3] wide x 1/4" [6.3] thick unless specified. Hole centers are 13/16" [20.6] from edge on 1-7/8" [47.6] centers unless specified.



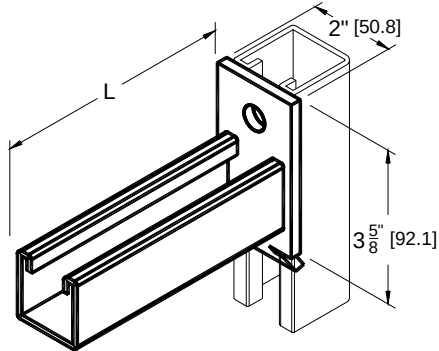
BRACKETS (con't)

Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

BR43

Bracket Channel Notched, Up

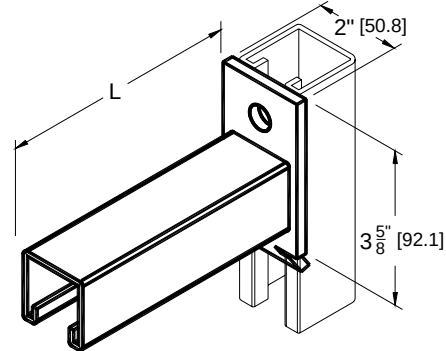


Catalog Number	L		Uniform Load *	
	in.	mm	lbs	kN
BR430600EG	6	152.4	1250	5.56
BR430900EG	9	228.6	1000	4.45
BR431200EG	12	304.8	750	3.34
BR431800EG	18	457.2	500	2.22
BR432400EG	24	609.6	350	1.56

* When mounted on 12 gauge channel

BR44

Bracket Channel Notched, Down

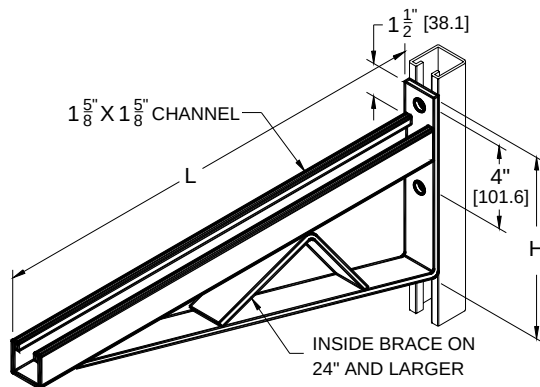


Catalog Number	L		Uniform Load *	
	in.	mm	lbs	kN
BR440600EG	6	152.4	1250	5.56
BR440900EG	9	228.6	1000	4.45
BR441200EG	12	304.8	750	3.34
BR441800EG	18	457.2	500	2.22
BR442400EG	24	609.6	350	1.56

* When mounted on 12 gauge channel

BR45

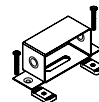
Bracket Channel Braced



Catalog Number	L		H		Uniform Load *	
	in.	mm	in.	mm	lbs	kN
BR451200EG	12	304.8	8-3/4	222.2	1450	6.45
BR451800EG	18	457.2	8-3/4	222.2	900	4.00
BR452400EG	24	609.6	8-3/4	222.2	900	4.00
BR453000EG	30	762.0	11-1/4	285.7	800	3.56
BR453600EG	36	914.4	11-1/4	285.7	750	3.34

* When mounted on 12 gauge channel

Material is 1-5/8" [41.3] wide x 1/4" [6.3] thick unless specified. Hole centers are 13/16" [20.6] from edge on 1-7/8" [47.6] centers unless specified.



MAXISTRUT

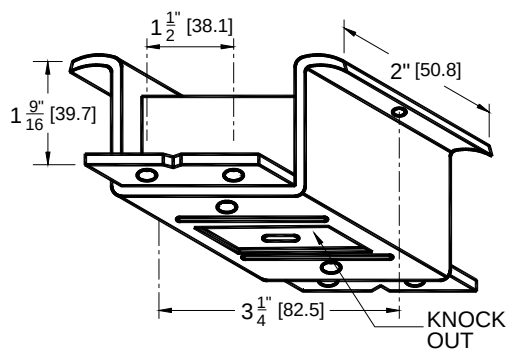
Concrete Inserts & End Caps

Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

CI

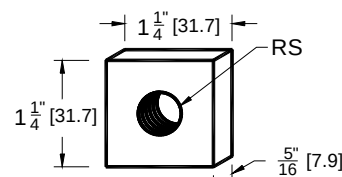
Concrete Insert



Catalog Number	Finish	Design Load	
		lbs	kN
CI 0000EG	EG	600	2.67
CI 0000PL	Plain	600	2.67

CIN

Concrete Insert Nut

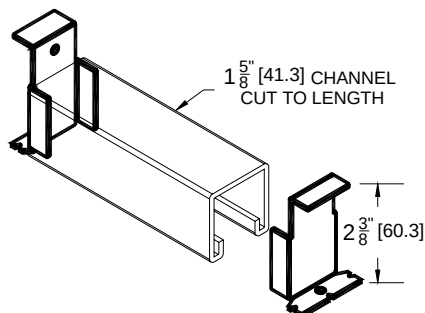


Catalog Number	RS
Plain Finish	
CIN 0025PL	1/4"-20
CIN 0037PL	3/8"-16
CIN 0050PL	1/2"-13
CIN 0062PL	5/8"-11
CIN 0075PL	3/4"-10
CIN 0087PL	7/8"-9

Catalog Number	RS
EG Finish	
CIN 0025EG	1/4"-20
CIN 0037EG	3/8"-16
CIN 0050EG	1/2"-13
CIN 0062EG	5/8"-11
CIN 0075EG	3/4"-10
CIN 0087EG	7/8"-9

CI20

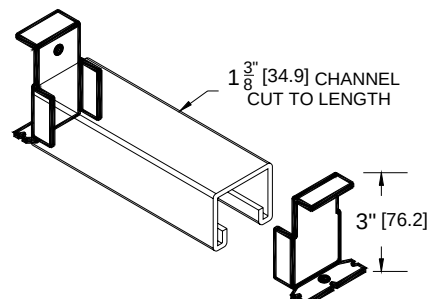
Concrete End Cap Anchor 1-5/8"



Catalog Number CI200000EG

CI21

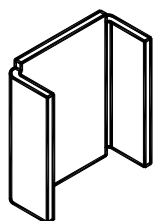
Concrete End Cap Anchor 1-3/8"



Catalog Number CI210000EG

EC10

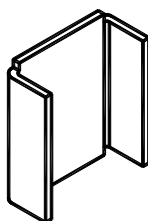
End Cap 1-5/8" 12 Ga.



Catalog Number EC100000EG

EC11

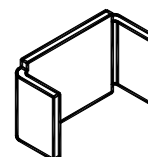
End Cap 1-5/8" 14 Ga.



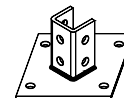
Catalog Number EC110000EG

EC12

End Cap 13/16" 14 Ga.



Catalog Number EC120000EG



MAXISTRUT

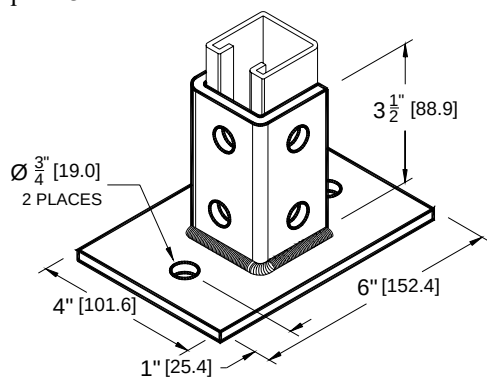
Post Base

Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

P10

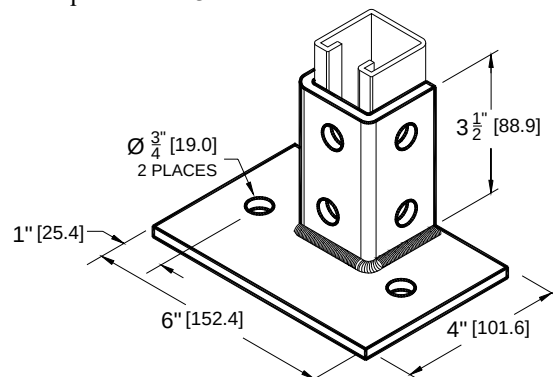
Post Base Single Channel
2 Hole Square 3-1/2"



Catalog Number P10 0000EG

P11

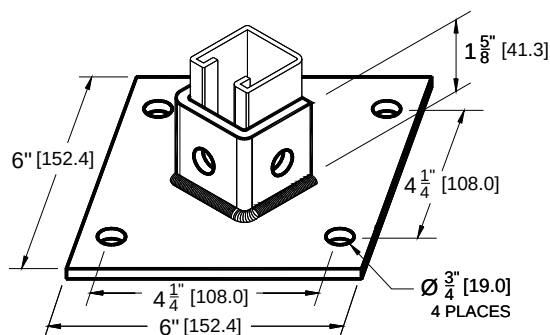
Post Base Single Channel
2 Hole Square Flush 3-1/2"



Catalog Number P11 0000EG

P12

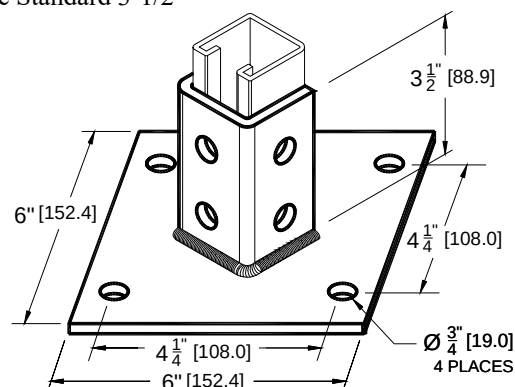
Post Base Single Channel
4 Hole Standard 1-5/8"



Catalog Number P12 0000EG

P13

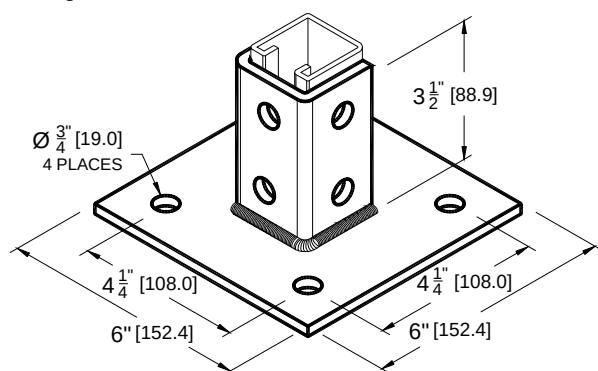
Post Base Single Channel
4 Hole Standard 3-1/2"



Catalog Number P13 0000EG

P14

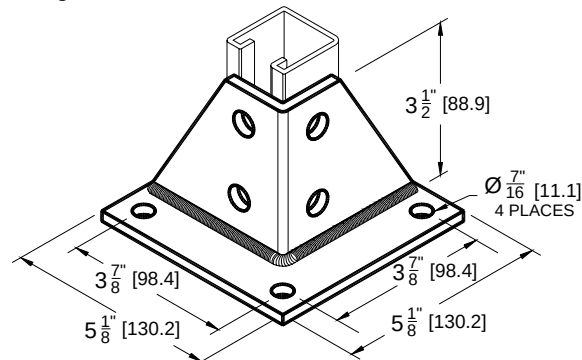
Post Base Single Channel
4 Hole Square 3-1/2"



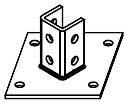
Catalog Number P14 0000EG

P15

Post Base Single Channel Gusset
4 Hole Square 3-1/2"



Catalog Number P15 0000EG



Post Base (con't)

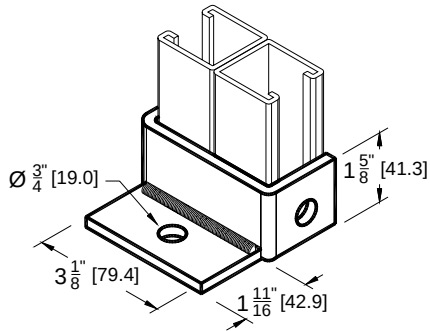
Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

P16

Post Base Double Channel

1 Hole 1-5/8"

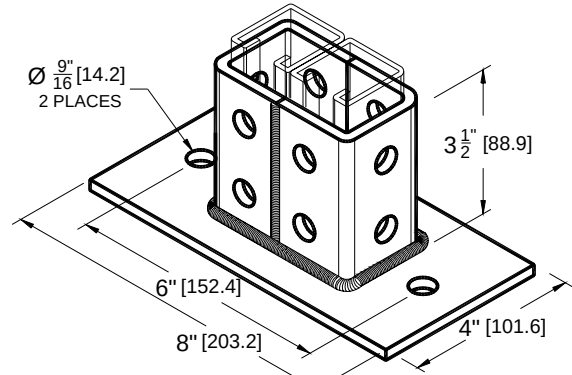


Catalog Number P16 0000EG

P17

Post Base Double Channel

2 Hole Square 3-1/2" Boxed

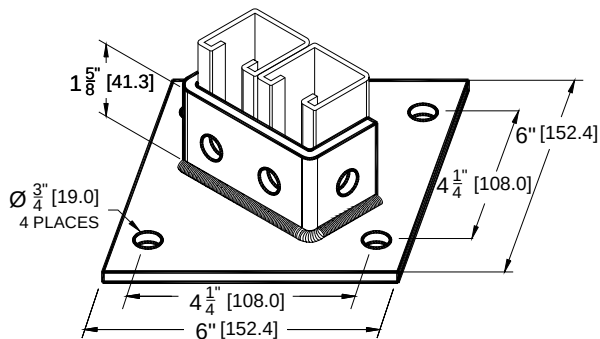


Catalog Number P17 0000EG

P18

Post Base Double Channel

4 Hole Standard 1-5/8"

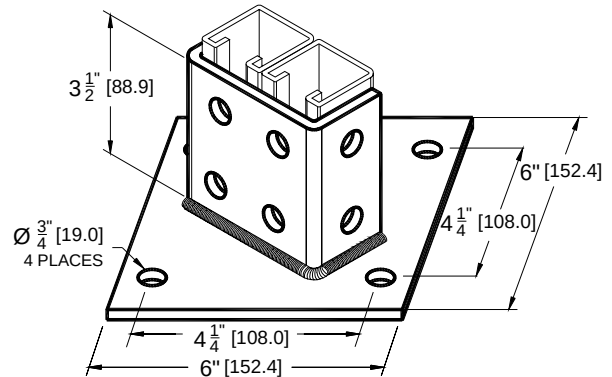


Catalog Number P18 0000EG

P19

Post Base Double Channel

4 Hole Standard 3-1/2"

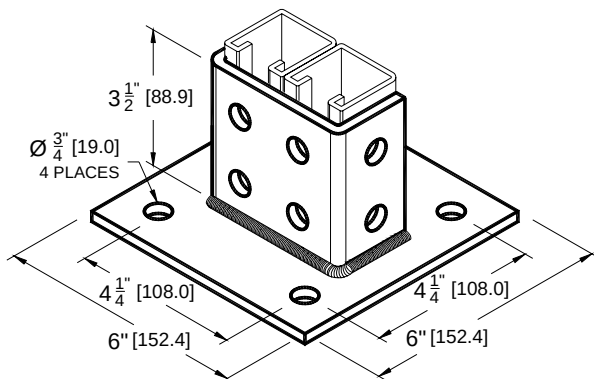


Catalog Number P19 0000EG

P20

Post Base Double Channel

4 Hole Square 3-1/2"



Catalog Number P20 0000EG



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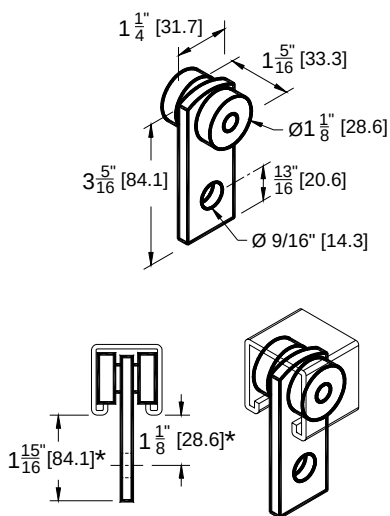
Rollers

Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

R10

Roller Trolley 2 Bearing Assembly



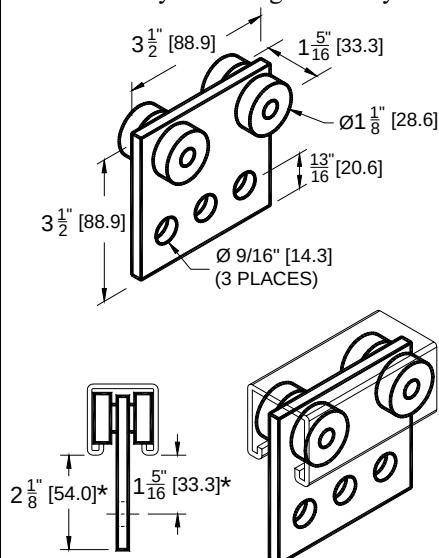
Stainless steel ball bearings
Maximum load rating 300 lbs. [1.33 kN]

* Based on standard dimensions for channel

Catalog Number R10 0000EG

R11

Roller Trolley 4 Bearing Assembly



Stainless steel ball bearings

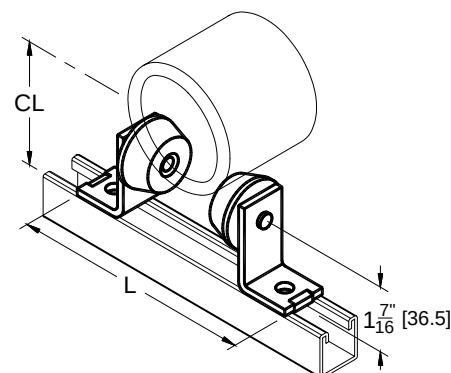
Maximum load rating 600 lbs. [2.67 kN]

* Based on standard dimensions for channel

Catalog Number R11 0000EG

R20

Pipe Roller 1" - 4" Pipe

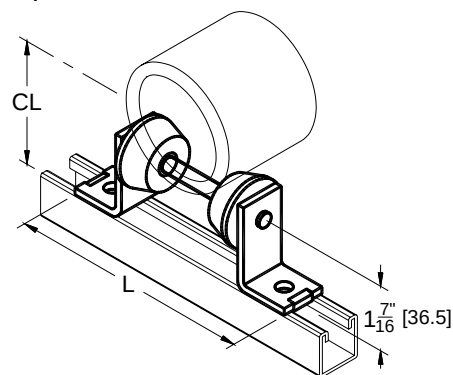


Maximum load rating 500 lbs. [2.22 kN]
See page 45 for dimensions L and CL

Catalog Number R20 1040EG

R21

Pipe Roller

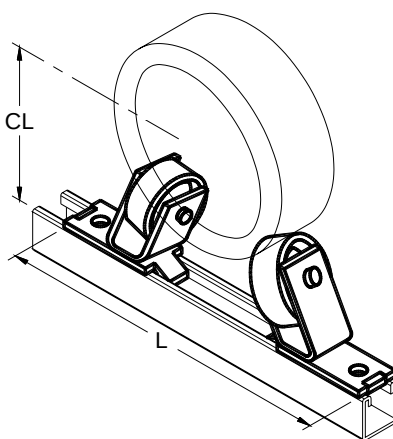


Maximum load rating 750 lbs. [3.34 kN]
See page 45 for dimensions L and CL

Catalog Number	Pipe Sizes	
	in.	mm
R21 3740EG	3-3/4" - 4"	95 - 102
R21 4360EG	4-3/8" - 6"	111 - 152
R21 6380EG	6-3/8" - 8"	162 - 203
R21 9010EG	9" - 10"	229 - 254

R22

Pipe Roller Heavy Duty 6" - 16" Pipe

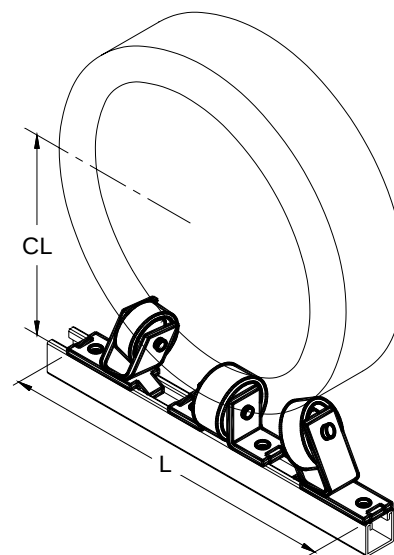


Maximum load rating 1500 lbs. [6.67 kN]
See page 46 for dimensions L and CL

Catalog Number R22 0000EG

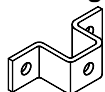
R23

Pipe Roller Heavy Duty 16" - 24" Pipe



Maximum load rating 2000 lbs. [8.90 kN]
See page 46 for dimensions L and CL

Catalog Number R23 0000EG



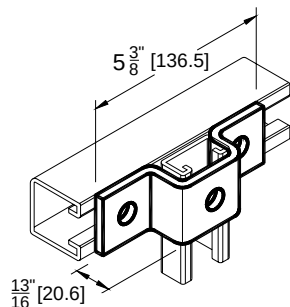
U-Fittings

Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

U10

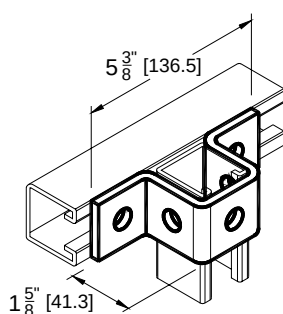
U-Fitting Cross 3 Hole 13/16"



Catalog Number U10 0000EG

U11

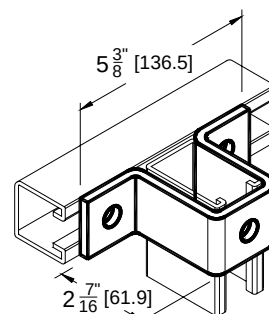
U-Fitting Cross 3 Hole 1-5/8"



Catalog Number U11 0000EG

U12

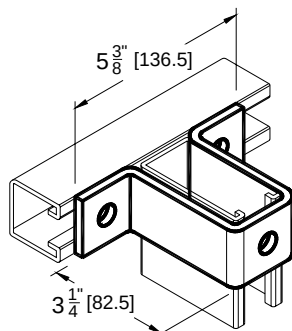
U-Fitting Cross 3 Hole 2-7/8"



Catalog Number U12 0000EG

U13

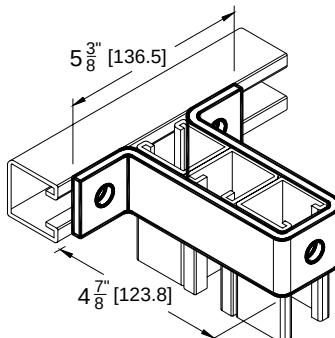
U-Fitting Cross 3 Hole 3-1/4"



Catalog Number U13 0000EG

U14

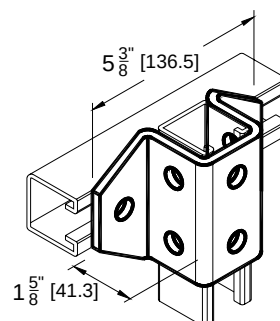
U-Fitting Cross 3 Hole 4-7/8"



Catalog Number U14 0000EG

U15

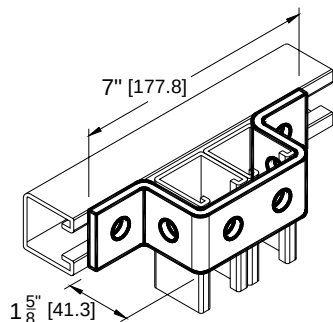
U-Fitting Cross 8 Hole 1-5/8"



Catalog Number U15 0000EG

U16

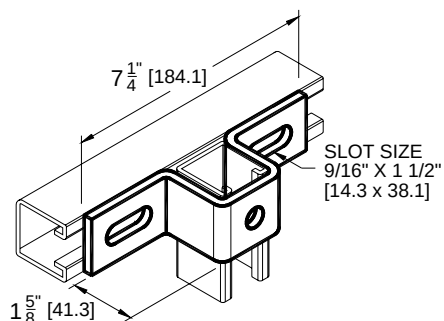
U-Fitting Cross 6 Hole
1-5/8" Double Channel



Catalog Number U16 0000EG

U20

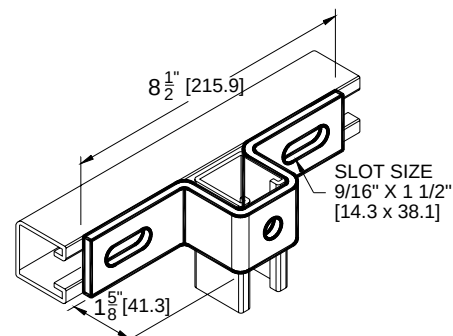
U-Fitting Cross 1 Hole 2 Slot
1-5/8" X 7-1/4"



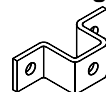
Catalog Number U20 0000EG

U21

U-Fitting Cross 1 Hole 2 Slot
1-5/8" X 8-1/2"



Catalog Number U21 0000EG



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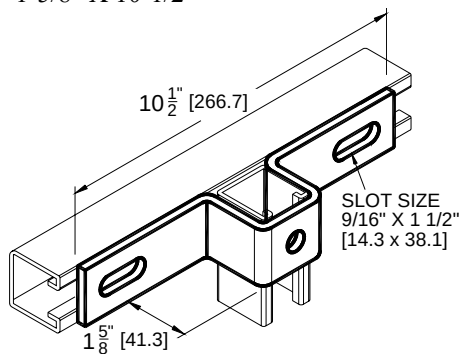
U-Fittings (con't)

Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

U22

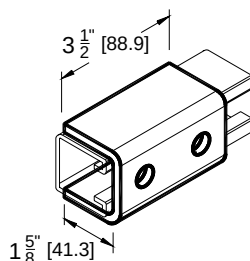
U-Fitting Cross 1 Hole 2 Slot
1-5/8" X 10-1/2"



Catalog Number U22 0000EG

U30

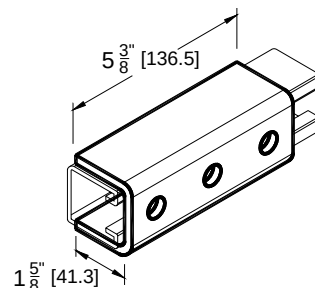
U-Fitting Splice 2 Hole 1-5/8"Channel



Catalog Number U30 0000EG

U31

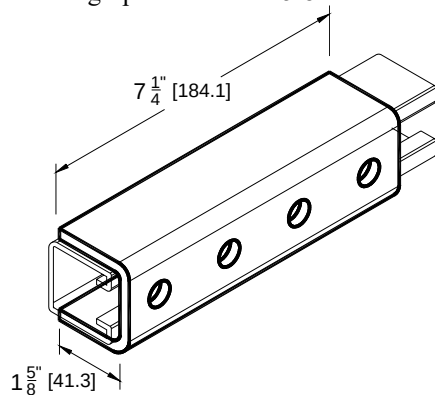
U-Fitting Splice 3 Hole 1-5/8"Channel



Catalog Number U31 0000EG

U32

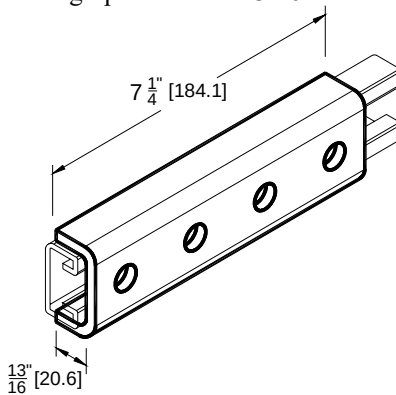
U-Fitting Splice 4 Hole 1-5/8"Channel



Catalog Number U32 0000EG

U33

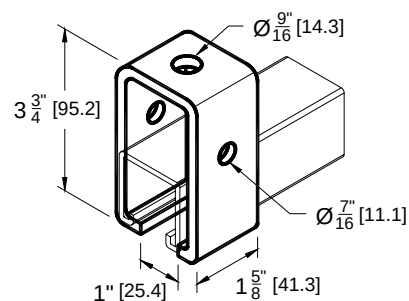
U-Fitting Splice 4 Hole 13/16"Channel



Catalog Number U33 0000EG

U40

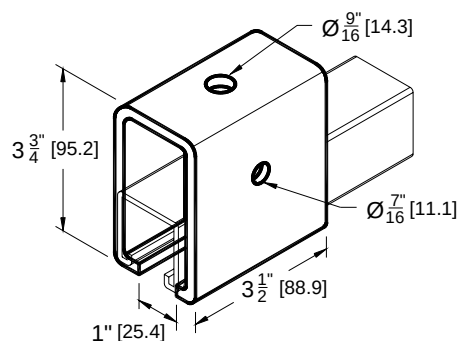
U-Fitting Trolley Support
3 Hole Standard



Catalog Number U40 0000EG

U41

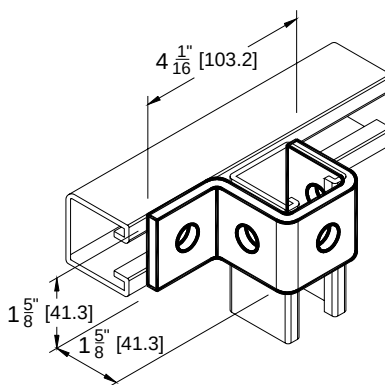
U-Fitting Trolley Support
3 Hole Heavy Duty



Catalog Number U41 0000EG

U50

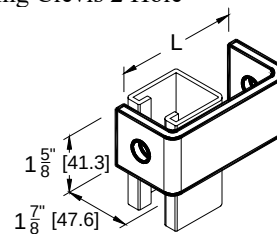
U-Fitting 4 Hole Cup Support



Catalog Number U50 0000EG

U60

U-Fitting Clevis 2 Hole



Catalog Number	in.	L	mm
U60 0400EG	4		101.6
U60 0500EG	5		127.0
U60 0600EG	6		152.4
U60 0700EG	7		177.8
U60 0800EG	8		203.2



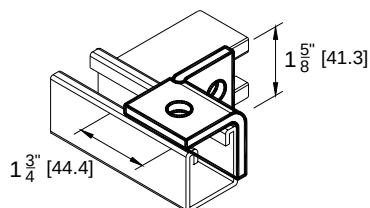
W-Fittings

Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

W10

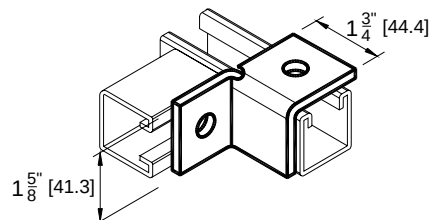
Wing Fitting Single Corner 2 Hole Right



Catalog Number W10 0000EG

W11

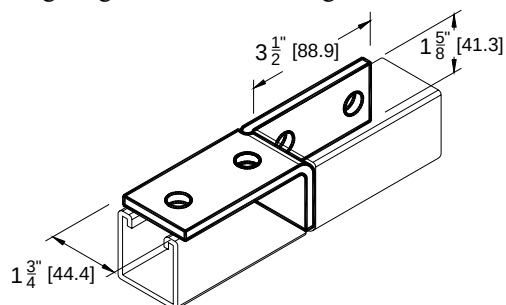
Wing Fitting Single Corner 2 Hole Left



Catalog Number W11 0000EG

W12

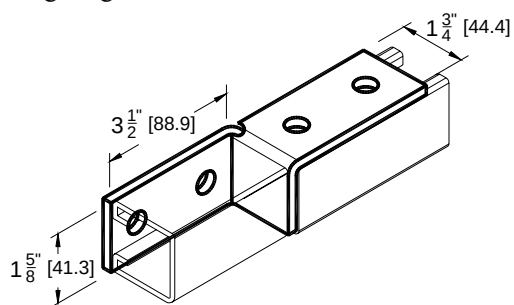
Wing Fitting Single Corner 4 Hole Right



Catalog Number W12 0000EG

W13

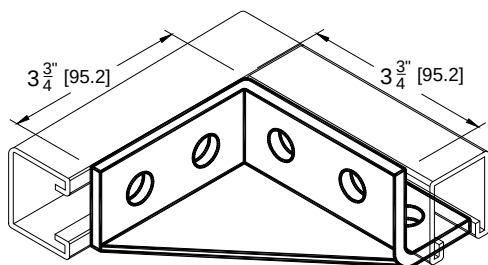
Wing Fitting Single Corner 4 Hole Left



Catalog Number W13 0000EG

W14

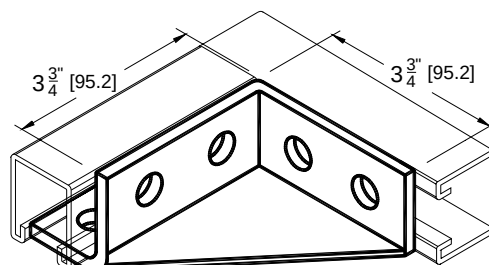
Wing Fitting Single Corner 6 Hole Gusset Right



Catalog Number W14 0000EG

W15

Wing Fitting Single Corner 6 Hole Gusset Left



Catalog Number W15 0000EG



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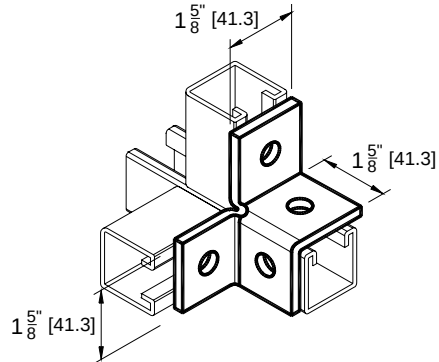
W-Fittings (con't)

Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

W20

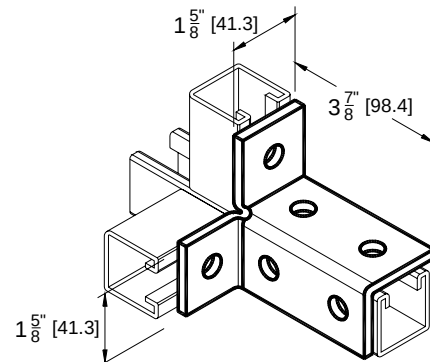
Wing Fitting Double Corner 4 Hole



Catalog Number W20 0000EG

W21

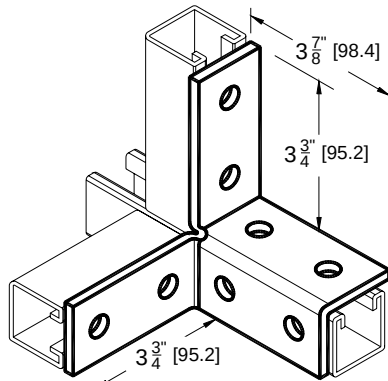
Wing Fitting Double Corner 6 Hole



Catalog Number W21 0000EG

W22

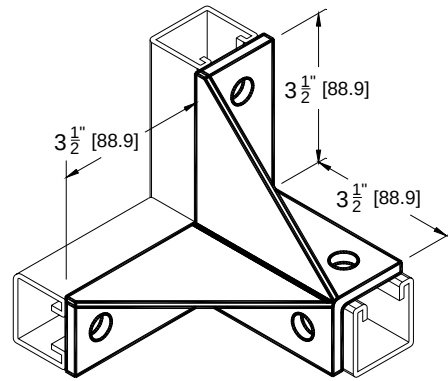
Wing Fitting Double Corner 8 Hole



Catalog Number W22 0000EG

W23

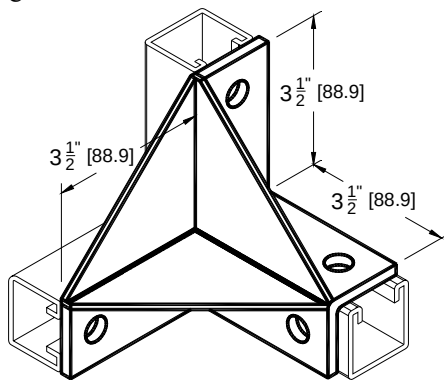
Wing Fitting Double Corner 8 Hole Gusset



Catalog Number W23 0000EG

W24

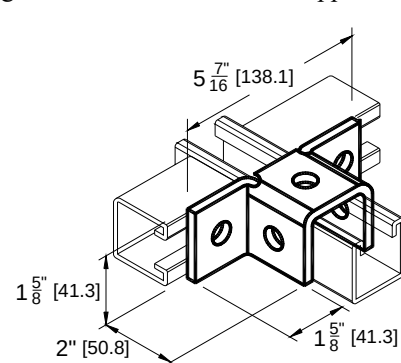
Wing Fitting Double Corner 8 Hole Double Gusset



Catalog Number W24 0000EG

W30

Wing Fitting Corner Connector 5 Hole Opposed



Catalog Number W30 0000EG



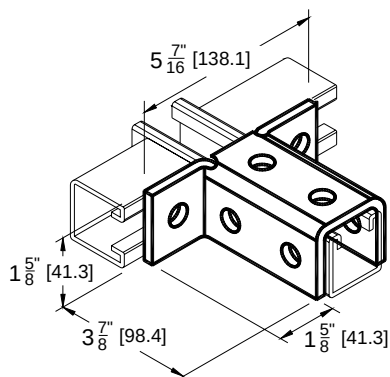
W-Fittings (con't)

Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

W31

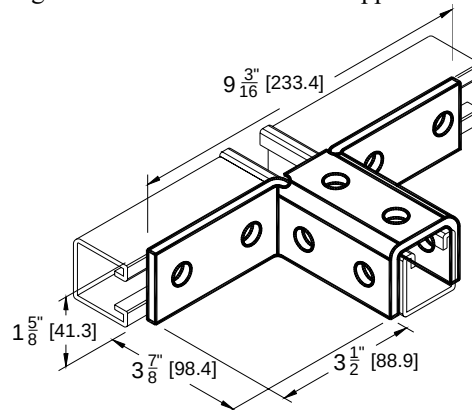
Wing Fitting Corner Connector 8 Hole Opposed



Catalog Number W31 0000EG

W32

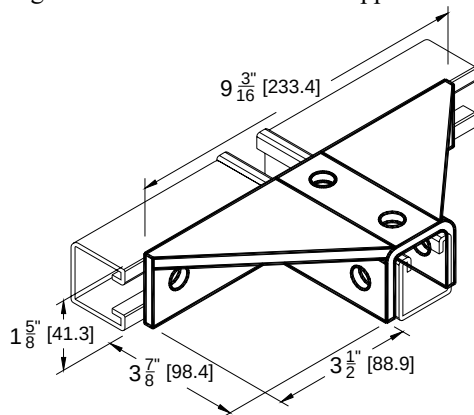
Wing Fitting Corner Connector 10 Hole Opposed



Catalog Number W32 0000EG

W33

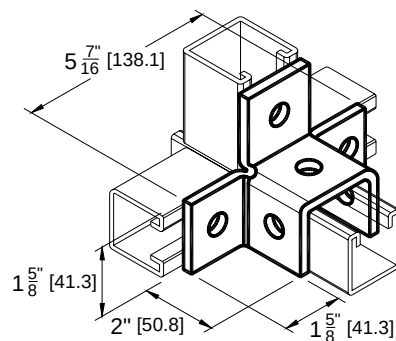
Wing Fitting Corner Connector 10 Hole Opposed Double Gusset



Catalog Number W33 0000EG

W40

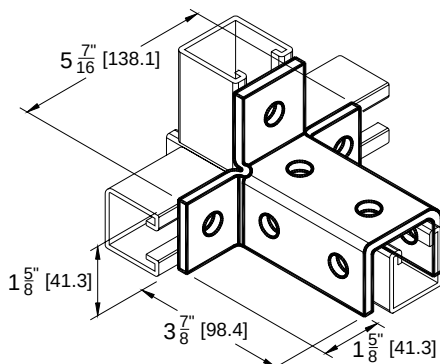
Wing Fitting Triple Corner 6 Hole



Catalog Number W40 0000EG

W41

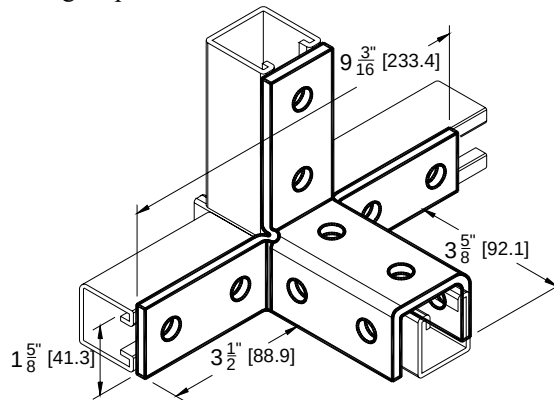
Wing Fitting Triple Corner 9 Hole



Catalog Number W41 0000EG

W42

Wing Fitting Triple Corner 12 Hole



Catalog Number W42 0000EG



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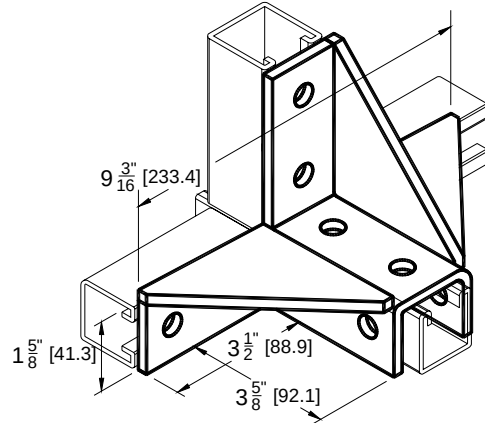
W-Fittings (con't)

Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

W43

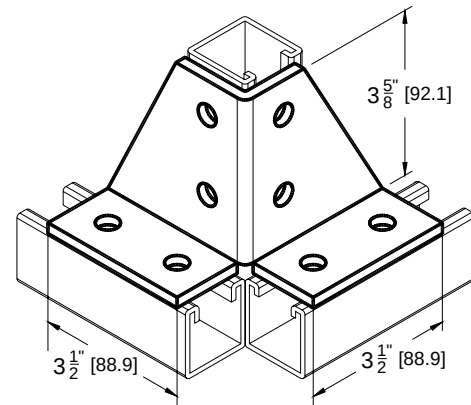
Wing Fitting Triple Corner 12 Hole Gusset



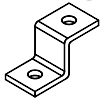
Catalog Number W43 0000EG

W50

Wing Fitting Double Corner Connector 8 Hole



Catalog Number W50 0000EG



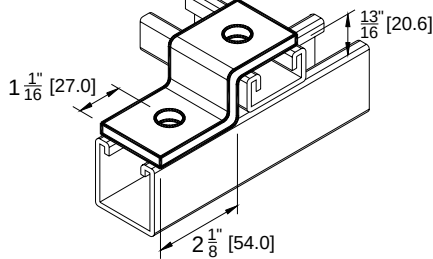
Z-Fittings

Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

Z10

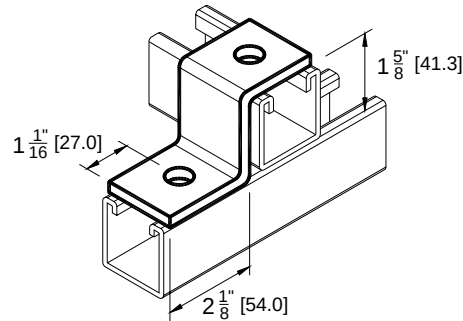
Z Fitting Cross 2 Hole 13/16"



Catalog Number Z10 0000EG

Z11

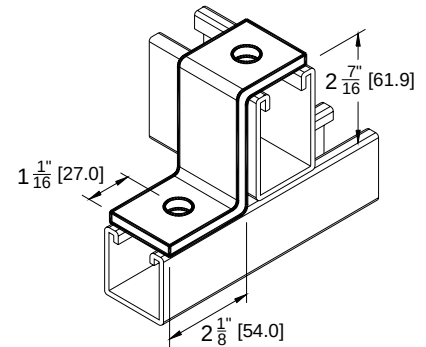
Z Fitting Cross 2 Hole 1-5/8"



Catalog Number Z11 0000EG

Z12

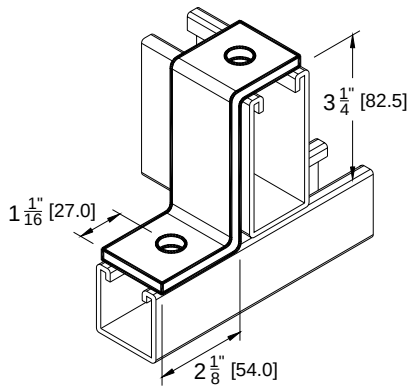
Z Fitting Cross 2 Hole 2-7/16"



Catalog Number Z12 0000EG

Z13

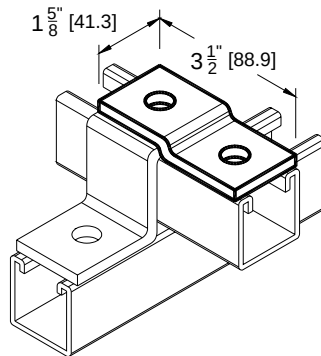
Z Fitting Cross 2 Hole 3-1/4"



Catalog Number Z13 0000EG

Z20

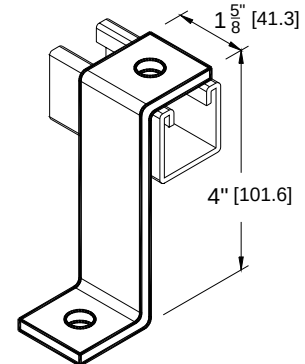
Z Fitting Offset Support 2 Hole



Catalog Number Z20 0000EG

Z30

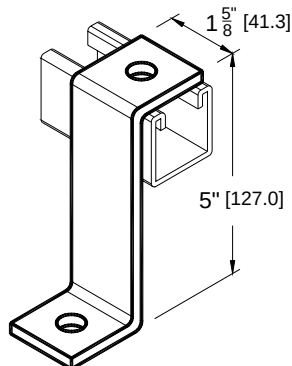
Z Fitting 2 Hole Support 4"



Catalog Number Z30 0000EG

Z31

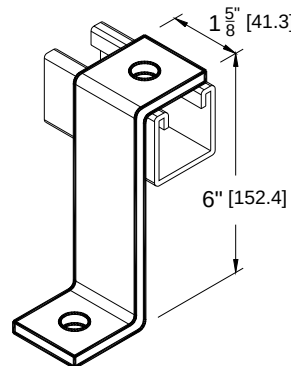
Z Fitting 2 Hole Support 5"



Catalog Number Z31 0000EG

Z32

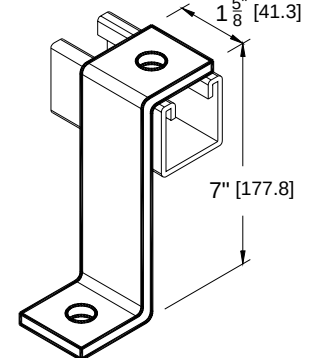
Z Fitting 2 Hole Support 6"



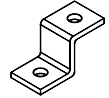
Catalog Number Z32 0000EG

Z33

Z Fitting 2 Hole Support 7"



Catalog Number Z33 0000EG



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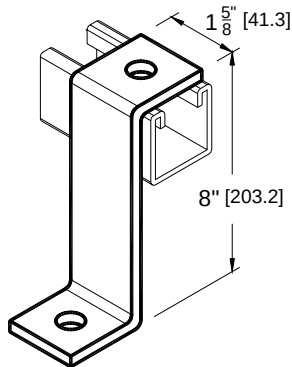
Z-Fittings (con't)

Standard finish is Zinc Electroplate.

See page one for a listing of product finishes and materials.

Z34

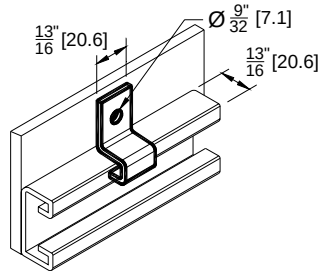
Z Fitting 2 Hole Support 8"



Catalog Number Z34 0000EG

Z40

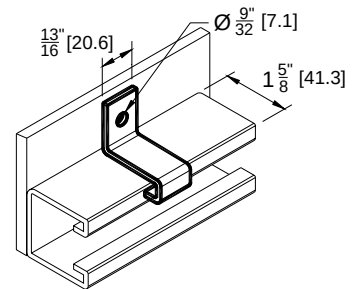
Z Fitting Channel Hanger 13/16"



Catalog Number Z40 0000EG

Z41

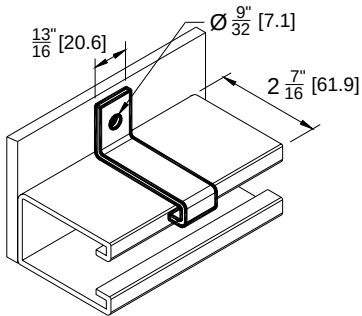
Z Fitting Channel Hanger 1-5/8"



Catalog Number Z41 0000EG

Z42

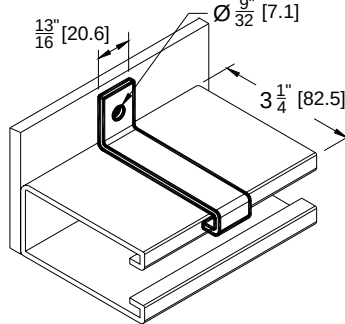
Z Fitting Channel Hanger 2-7/16"



Catalog Number Z42 0000EG

Z43

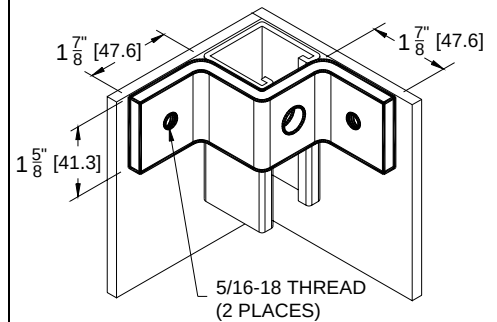
Z Fitting Channel Hanger 3-1/4"



Catalog Number Z43 0000EG

Z50

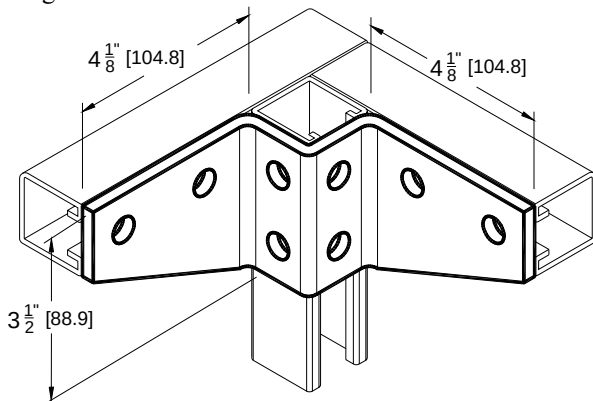
Z Fitting Corner Brace 3 Hole



Catalog Number Z50 0000EG

Z51

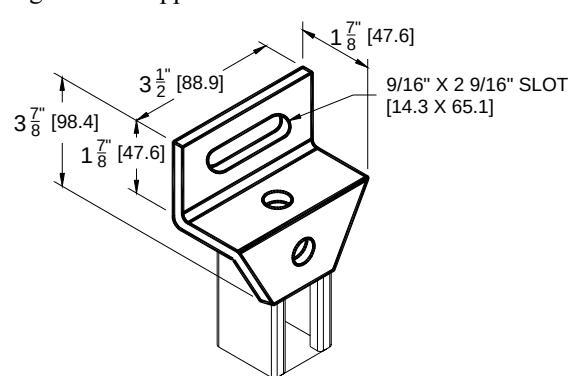
Z Fitting Corner Brace 8 Hole



Catalog Number Z51 0000EG

Z60

Z Fitting Slotted Support



Catalog Number Z60 0000EG

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Dimension Information for R20 & R21

Pipe Size	Pipe Covering Thickness		Actual O.D. of Pipe + Shield + Insulation		Dimension L		Dimension CL	
	in.	mm	in.	mm	in.	mm	in.	mm
3/4	0	0.0	1-1/16	27.0	6-1/2	165.1	2-15/16	74.6
	7/8	22.2	3-1/4	82.6	6-1/2	165.1	4-1/8	104.8
	1 7/16	36.5	4-3/8	111.1	8-1/4	209.6	4-7/16	112.7
	1-7/8	47.6	5 3/8	136.5	8-1/4	209.6	4-15/16	125.4
1	0	0.0	1-5/16	33.3	6-1/2	165.1	3-1/8	79.4
	1-1/16	27.0	3-5/8	92.1	7-1/4	184.2	4-1/4	108.0
	1-9/16	39.7	4-5/8	117.5	8-1/4	209.6	4 9/16	115.9
	2-1/8	54.0	5-3/4	146.1	8-1/4	209.6	5-1/8	130.2
1-1/4	0	0.0	1-11/16	42.9	6-1/2	165.1	3 5/16	84.1
	7/8	22.2	3-7/8	98.4	7-1/4	184.2	4-5/16	109.5
	1-5/8	41.3	5-1/8	130.2	8-1/4	209.6	4 13/16	122.2
	1-15/16	49.2	6	152.4	8-1/4	209.6	5-1/4	133.4
	2-7/16	61.9	7-1/2	190.5	9 1/4	235.0	5-7/8	149.2
1-1/2	0	0.0	1-7/8	47.6	6-1/2	165.1	3-3/8	85.7
	1	25.4	4-1/4	108.0	8-1/4	209.6	4-3/8	111.1
	1-1/2	38.1	5-1/4	133.4	8-1/4	209.6	4-7/8	123.8
	2-5/16	58.7	6-5/8	168.3	9 1/4	235.0	5-7/16	138.1
	2-13/16	71.4	7-3/4	196.9	9 1/4	235.0	6	152.4
2	0	0.0	2-3/8	60.3	6-1/2	165.1	3-11/16	93.7
	1-1/16	27.0	4-3/4	120.7	8-1/4	209.6	4-5/8	117.5
	1-9/16	39.7	5-3/4	146.1	8-1/4	209.6	5-1/8	130.2
	2-1/8	54.0	7-1/8	181.0	9 1/4	235.0	5-11/16	144.5
	2-5/8	66.7	8-1/8	206.4	10-1/8	257.2	6-1/16	154.0
2-1/2	3-1/8	79.4	9-1/8	231.8	10-1/8	257.2	6-5/8	168.3
	0	0.0	2-7/8	73.0	6-1/2	165.1	3-15/16	100.0
	1-1/16	27.0	5-3/8	136.5	8-1/4	209.6	4-15/16	125.4
	1-7/8	47.6	6-5/8	168.3	9 1/4	235.0	5-7/16	138.1
	2-5/16	58.7	7-3/4	196.9	9 1/4	235.0	6	152.4
	2-7/8	73.0	8-1/2	215.9	9 1/4	235.0	6-7/16	163.5
3	3-3/8	85.7	9-3/4	247.7	9 1/4	235.0	7-1/16	179.4
	0	0.0	3-1/2	88.9	7-1/4	184.2	4-1/8	104.8
	1	25.4	5-7/8	149.2	8-1/4	209.6	5-1/4	133.4
	1-9/16	39.7	7-1/4	184.2	9 1/4	235.0	5-3/4	146.1
	2-1/16	52.4	8-1/4	209.6	10-1/8	257.2	6-1/8	155.6
	2-9/16	65.1	9-3/8	238.1	10-1/8	257.2	6-3/4	171.5
3-1/2	3-1/16	77.8	10-1/8	257.2	10-7/8	276.2	7	177.8

Pipe Size	Pipe Covering Thickness		Actual O.D. of Pipe +Shield + Insulation		Dimension L		Dimension CL	
	in.	mm	in.	mm	in.	mm	in.	mm
3-1/2	0	0.0	4	101.6	7-1/4	184.2	4-3/8	111.1
	1-1/4	31.8	6-5/8	168.3	9 1/4	235.0	5-7/16	138.1
	1-13/16	46.0	7-3/8	187.3	9 1/4	235.0	5 13/16	147.6
	2-1/4	57.2	8-5/8	219.1	10-1/8	257.2	6-3/8	161.9
	2-3/4	69.9	9-3/8	238.1	10-1/8	257.2	6-3/4	171.5
	3 5/16	84.1	10-3/4	273.1	10-7/8	276.2	7-3/8	187.3
4	0	0.0	4-1/2	114.3	8-1/4	209.6	4-1/2	114.3
	1-1/16	27.0	7-1/8	181.0	9 1/4	235.0	5-11/16	144.5
	1-9/16	39.7	8-1/8	206.4	10-1/8	257.2	6-1/16	154.0
	2-1/16	52.4	9 1/8	231.8	10-1/8	257.2	6-5/8	168.3
	2-9/16	65.1	10	254.0	10-1/8	257.2	7-1/16	179.4
	3-1/16	77.8	11-1/4	285.8	10-7/8	276.2	7-5/8	193.7
5	4 1/16	103.2	13	330.2	10-7/8	276.2	8-9/16	217.5
	0	0.0	5-5/8	142.9	8-1/4	209.6	5-1/16	128.6
	1	25.4	8-1/4	209.6	10-1/8	257.2	6-1/8	155.6
	1-1/2	38.1	9-3/8	238.1	10-1/8	257.2	6-3/4	171.5
	2	50.8	10-3/8	263.5	10-7/8	276.2	7-1/8	181.0
	2-9/16	65.1	11-1/4	285.8	10-7/8	276.2	7-5/8	193.7
6	3-1/16	77.8	12-3/8	314.3	10-7/8	276.2	8-1/8	206.4
	4-3/16	106.4	14-1/4	362.0	10-7/8	276.2	9-3/16	233.4
	0	0.0	6-5/8	168.3	9 1/4	235.0	5-7/16	138.1
	1	25.4	9	228.6	10-1/8	257.2	6-9/16	166.7
	1-1/2	38.1	10-1/8	257.2	10-7/8	276.2	7	177.8
	2	50.8	11	279.4	10-7/8	276.2	7-1/2	190.5
8	2-1/2	63.5	12-3/8	314.3	10-7/8	276.2	8-3/16	208.0
	3	76.2	13-1/2	342.9	10-7/8	276.2	8-5/8	219.1
	4-1/8	104.8	15-1/8	384.2	10-7/8	276.2	9-11/16	246.1
	0	0.0	8-5/8	219.1	10-1/8	257.2	6-3/8	161.9
	1-1/2	38.1	12	304.8	10-7/8	276.2	8	203.2
	2	50.8	13	330.2	10-7/8	276.2	8-9/16	217.5
8	2-11/16	68.3	14-1/2	368.3	10-7/8	276.2	9-5/16	236.5
	3-1/8	79.4	15-3/8	390.5	10-7/8	276.2	9-13/16	249.2
	4-3/16	106.4	17-3/8	441.3	10-7/8	276.2	10-7/8	276.2

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Dimension Information for R22

Pipe Size	Pipe Covering Thickness		Actual O.D. of Pipe + Shield + Insulation		Dimension L		Dimension CL	
	in.	mm	in.	mm	in.	mm	in.	mm
6	0	0.0	6-5/8	168.3	9-5/16	236.5	7	177.8
	1	25.4	9	228.6				
	1-1/2	38.1	10-1/8	257.2				
	2	50.8	11	279.4				
	2-1/2	63.5	12-3/8	314.3				
	3	76.2	13-1/8	333.4				
	4-1/8	104.8	15-1/8	384.2				
8	0	0.0	8-5/8	219.1	10	254.0	7-15/16	201.6
	1-1/2	38.1	12	304.8				
	2	50.8	13	330.2				
	2-11/16	68.3	14-1/2	368.3				
	3-1/8	79.4	15-3/8	390.5				
	4-3/16	106.4	17-3/8	441.3				
10	0	0.0	10-3/4	273.1	10-11/16	271.5	8 15/16	227.0
	1-9/16	39.7	14-1/2	368.3				
	2-1/16	52.4	15-1/4	387.4				
	2-9/16	65.1	16-1/4	412.8				
	3-1/16	77.8	17-3/8	441.3				
	4 1/16	103.2	19 1/2	495.3				

					0	0.0	12-3/4	323.9
1-9/16	39.7	16-1/8	409.6	12				
2-1/16	52.4	17-1/4	438.2					
2-5/8	66.7	18-1/4	463.6					
3-1/16	77.8	19-1/4	489.0					
4-1/8	104.8	20-3/8	517.5					

						0	0.0	14	355.6
	1-1/2	38.1	17-1/2	444.5	14				
	2	50.8	18-5/8	473.1					
	2-1/2	63.5	19 3/4	501.7					
	3	76.2	20-5/8	523.9					
	4	101.6	22-5/8	574.7					

						0	0.0	16	406.4
	1-1/2	38.1	19-5/8	498.5	16				
	2	50.8	20-3/8	517.5					
	2-1/2	63.5	21-5/8	549.3					
	3	76.2	22-1/8	562.0					
	4	101.6	24-3/8	619.1					

Dimension Information for R23

Pipe Size	Pipe Covering Thickness		Actual O.D. of Pipe +Shield + Insulation		Dimension L		Dimension CL	
	in.	mm	in.	mm	in.	mm	in.	mm
18	0	0.0	18	457.2	12-3/4	323.9	12-1/4	311.2
	1-1/2	38.1	21-5/8	549.3				
	2	50.8	22-5/8	574.7				
	2-1/2	63.5	23-1/4	590.6				
	3	76.2	24-1/4	616.0				
	4	101.6	26-5/8	676.3				
20	0	0.0	20	508.0	14-1/8	358.8	13-1/4	336.6
	1-1/2	38.1	23-1/4	590.6				
	2	50.8	24-1/2	622.3				
	2-1/2	63.5	25-1/2	647.7				
	3	76.2	26-5/8	676.3				
	4	101.6	28-1/4	717.6				
24	0	0.0	24	609.6	14-13/16	376.2	15-1/4	387.4
	1-1/2	38.1	27	685.8				
	2	50.8	28	711.2				
	2-1/2	63.5	29-1/4	743.0				
	3	76.2	30-1/2	774.7				
	4	101.6	32-7/8	835.0				
30	0	0.0	30	762.0	15-7/8	403.2	16-1/4	412.8

11-3/8	288.9	9-7/8	250.8
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12-1/16	306.4	10 7/16	265.1
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12-3/4	323.9	11-3/8	288.9
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MAXISTRUT

Outside Diameters of Standard Pipes & Tubing

Schedule 40 & 80 Iron Pipe & PVC Schedule 5, 10, 40 & 80 Aluminum Schedule 5, 10, & 40 Stainless Steel

Nominal Pipe Size		O.D.	
Inch	Metric	in.	mm
1/8	3	0.405	10.3
1/4	6	0.540	13.7
3/8	10	0.675	17.1
1/2	15	0.840	21.3
3/4	20	1.050	26.7
1	25	1.315	33.4
1-1/4	32	1.660	42.2
1-1/2	40	1.900	48.3
2	50	2.375	60.3
2-1/2	65	2.875	73.0
3	80	3.500	88.9
3-1/2	90	4.000	101.6
4	100	4.500	114.3
4-1/2	115	5.000	127.0
5	125	5.563	141.3
6	150	6.625	168.3
8	200	8.625	219.1
10	250	10.750	273.1
12	300	12.750	323.9
All sizes over 12" Nominal Pipe Size = O.D			

Standard Plastic Pipe

Nominal Pipe Size		O.D.	
Inch	Metric	in.	mm
1/2	15	0.600	15.2
3/4	20	0.856	21.7
1	25	1.140	29.0
1-1/4	32	1.420	36.1
1-1/2	40	1.730	43.9
2	50	2.250	57.2
3	80	3.250	82.6
4	100	4.100	104.1
6	150	6.220	158.0

Electro Mechanical Tubing (EMT)

Nominal Pipe Size		O.D.	
Inch	Metric	in.	mm
3/8	10	0.577	14.7
1/2	15	0.706	17.9
3/4	20	0.922	23.4
1	25	1.163	29.5
1-1/4	32	1.510	38.4
1-1/2	40	1.740	44.2
2	50	2.197	55.8
EMT sizes over 2 are the same as Schedule 40 iron pipe			

Standard Copper Pipe

Nominal Pipe Size		O.D.	
Inch	Metric	in.	mm
1/4	6	0.375	9.5
3/8	10	0.500	12.7
1/2	15	0.625	15.9
5/8	17	0.750	19.1
3/4	20	0.875	22.2
1	25	1.125	28.6
1-1/4	32	1.375	34.9
1-1/2	40	1.625	41.3
2	50	2.125	54.0
2-1/2	65	2.625	66.7
3	80	3.125	79.4
3-1/2	90	3.625	92.1
4	100	4.125	104.8
5	125	5.125	130.2
6	150	6.125	155.6
7	175	7.125	181.0
8	200	8.125	206.4

Glass Pipe

Nominal Pipe Size		O.D.	
Inch	Metric	in.	mm
1/2	15	0.750	19.1
3/4	20	1.000	25.4
1	25	1.312	33.3
1-1/2	40	1.844	46.8
2	50	2.344	59.5
3	80	3.406	86.5
4	100	4.530	115.1
6	150	6.656	169.1
Glass pipe has the same O.D. for both regular & heavy schedule.			

Extra Heavy Cast Iron Soil Pipe

Nominal Pipe Size		O.D.	
Inch	Metric	in.	mm
2"		2.380	60.5
3"		3.500	88.9
4"		4.500	114.3
5"		5.500	139.7
6"		6.500	165.1
8"		8.620	218.9
10"		10.750	273.1
12"		12.750	323.9
15"		15.880	403.4

Service Weight Cast Iron Soil Pipe

Nominal Pipe Size		O.D.	
Inch	Metric	in.	mm
2"		2.30	58.4
3"		3.30	83.8
4"		4.30	109.2
5"		5.30	134.6
6"		6.30	160.0
8"		8.38	212.9
10"		10.50	266.7
12"		12.50	317.5
15"		15.62	396.7

SDR-35 & DR-28 Gravity Sewer Pipe

Nominal Pipe Size		O.D.	
Inch	Metric	in.	mm
4"		4.22	107.2
6"		6.28	159.5
8"		8.40	213.4
10"		10.50	266.7
12"		12.50	317.5
15"		15.30	388.6
18"		18.70	475.0
21"		22.05	560.1
24"		24.80	629.9
27"		27.95	709.9
30"		32.00	812.8

AWWA-C900, C905

PVC Water Pipe

Ductile Iron Pipe

Centrifugally Spun Cast Iron Pipe

Nominal Pipe Size		O.D.	
Inch	Metric	in.	mm
2"		2.500	63.5
2 1/4"		2.750	69.8
3"		3.960	100.6
4"		4.800	121.9
6"		6.900	175.3
8"		9.050	229.9
10"		11.100	281.9
12"		13.200	335.3
14"		15.30	388.6
16"		17.40	442.0
18"		19.50	495.3
20"		21.60	548.6
24"		25.800	655.3
30"		32.000	812.8
36"		38.30	972.8
42"		44.500	1130.3
48"		50.800	1290.3

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Strut Clamp Sizing By O.D.

O.D.		Description
in.	mm	
0.250	6.4	SCO
0.375	9.5	SCO / 1/4" SCC
0.500	12.7	SCO / 3/8" SCC
0.540	13.7	1/4" SCR
0.577	14.7	3/8" SCE
0.625	15.9	SCO / 1/2" SCC
0.706	17.9	1/2" SCE
0.750	19.1	SCO / 5/8" SCC
0.773	19.6	1/2" SCU
0.840	21.3	1/2" SCR
0.875	22.2	SCO / 3/4" SCC
0.922	23.4	3/4" SCE
0.986	25.0	3/4" SCU
1.000	25.4	SCO
1.050	26.7	3/4" SCR
1.125	28.6	SCO / 1" SCC
1.163	29.5	1" SCE
1.239	31.5	1" SCU
1.250	31.8	SCO
1.315	33.4	1" SCR
1.375	34.9	SCO / 1-1/4" SCC
1.500	38.1	SCO
1.510	38.4	1-1/4" SCE
1.585	40.3	1-1/4" SCU
1.625	41.3	SCO / 1-1/2" SCC
1.660	42.2	1-1/4" SCR
1.740	44.2	1-1/2" SCE
1.750	44.5	SCO
1.820	46.2	1-1/2" SCU
1.875	47.6	SCO
1.900	48.3	1-1/2" SCR
2.000	50.8	SCO

O.D.		Description
in.	mm	
2.125	54.0	SCO / 2" SCC
2.197	55.8	2" SCE
2.250	57.2	SCO
2.286	58.1	2" SCU
2.375	60.3	SCO / 2" SCR
2.500	63.5	SCO
2.625	66.7	SCO / 2-1/2" SCC
2.750	69.9	SCO
2.875	73.0	SCO / 2-1/2" SCR
3.000	76.2	SCO
3.125	79.4	SCO / 3" SCC
3.250	82.6	SCO
3.375	85.7	SCO
3.500	88.9	SCO / 3" SCR
3.625	92.1	SCO / 3-1/2" SCC
3.750	95.3	SCO
3.875	98.4	SCO
4.000	101.6	SCO / 3-1/2" SCR
4.125	104.8	SCO / 4" SCC
4.250	108.0	SCO
4.375	111.1	SCO
4.500	114.3	SCO / 4" SCR
4.625	117.5	SCO
4.750	120.7	SCO
4.875	123.8	SCO
5.000	127.0	SCO
5.125	130.2	SCO / 5" SCC
5.250	133.4	SCO
5.375	136.5	SCO
5.500	139.7	SCO
5.563	141.3	5" SCR

O.D.		Description
in.	mm	
5.625	142.9	SCO
5.750	146.1	SCO
5.875	149.2	SCO
6.000	152.4	SCO
6.125	155.6	SCO / 6" SCC
6.250	158.8	SCO
6.375	161.9	SCO
6.500	165.1	SCO
6.625	168.3	SCO / 6" SCR
6.750	171.5	SCO
6.875	174.6	SCO
7.000	177.8	SCO
7.125	181.0	SCO / 7" SCC
7.250	184.2	SCO
7.375	187.3	SCO
7.500	190.5	SCO
7.625	193.7	SCO
7.750	196.9	SCO
7.875	200.0	SCO
8.000	203.2	SCO
8.125	206.4	SCO / 8" SCC
8.250	209.6	SCO
8.375	212.7	SCO
8.500	215.9	SCO
8.625	219.1	SCO / 8" SCR
8.750	222.3	SCO
8.875	225.4	SCO
9.000	228.6	SCO
9.125	231.8	SCO
10.750	273.1	10" SCR
12.750	323.9	12" SCR