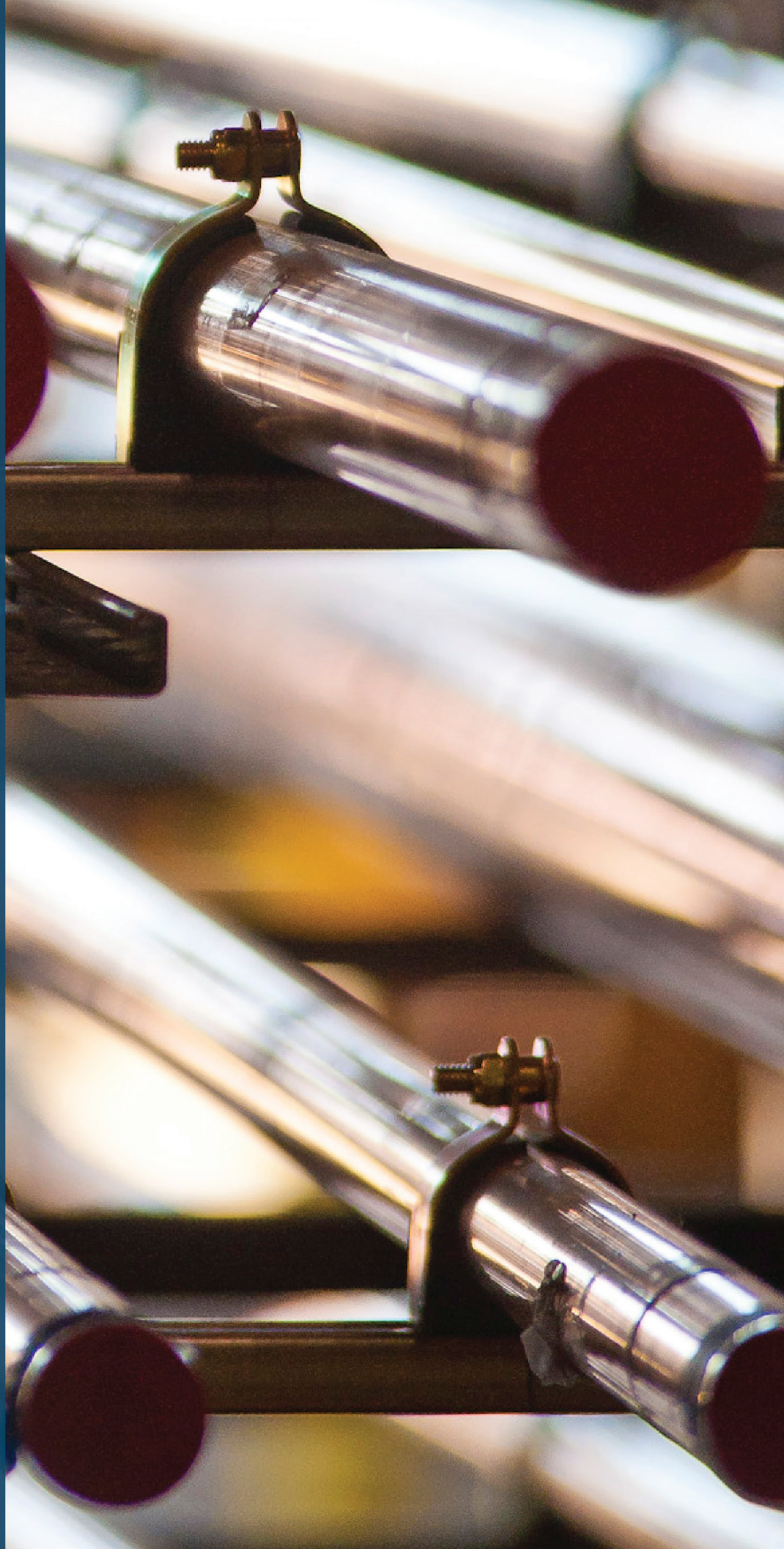


PIPE HANGERS, SUPPORTS & STRUT ACCESSORIES



FNW™



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Material Specifications

Malleable Iron.....	ASTM A47 Grade 32510
Carbon Steel.....	ASTM A283 Gr. C
Carbon Steel.....	ASTM A1011-00 SS GR 33
Carbon Steel.....	ASTM A1011-00CS Type B
304 Stainless Steel.....	ASTM A240 (Type 304)
316 Stainless Steel.....	ASTM A240 (Type 316)

Approvals & Standards

Where indicated, FNW hanger products have the following approvals or are made to the following standards:

MSS SP-58
MSS SP-69
WW-H-171
NFPA 13
UL Category VXFT/VXFT7 (UL 203 / ULC/ORD-C203)
FM Class 1951

Epoxy plating is tested according to:

ASTM B117-03 (Epoxy Plating Test)
ASTM D 3359-08 (Epoxy Plating Test)
ASTM D 3363-05 (Epoxy Plating Test)

Bolt and nut hardware dimensions for epoxy plated products per:

ASME B.18.2.1 (Bolt)
ASME B.18.2.2 (Nut)

Finishes

P Plain

No finish applied

Z Electroplated Zinc (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 FNW strut accessory 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] and meet ASTM B633 SC3 Type I.

or

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. 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.

Y 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 that is corrosion resistant and can be painted.

C 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.

or

Copper (Electrolytic)

Electro-copper plated

G Green E-Coat

An 8-step electro-deposition epoxy coating. Following a thorough cleaning and phosphate rinse the epoxy is applied by immersing the part in liquid epoxy to ensure coverage in crevices and difficult areas. It is then baked on creating a 0.7 to 0.9 mil [18 – 23 µm] thick coating. This process negates drips and sags and produces a coating that withstands 1000 hours or more in a salt spray test. This coating is also an excellent base should the part need to be painted or powder coated before or after installation.

S Stainless Steel

Product made in 304 Stainless Steel - ASTM A240 (Type 304)

S6 Stainless Steel

Product made in 316 Stainless Steel - ASTM A240 (Type 316)

EP Epoxy Plated (Zinc Colored)

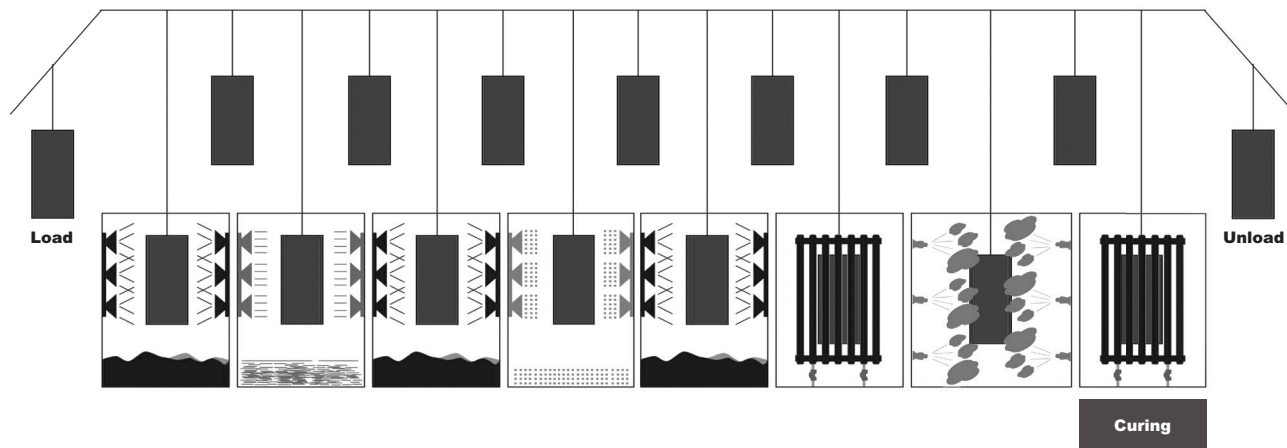
A highly durable and corrosion resistant coating system. See page 4 for details.

EC Epoxy Plated (Copper Colored)

A highly durable and corrosion resistant coating system. See page 4 for details.

Epoxy Plated Finish

FNW EP and EC designated hangers and clamps come standard with epoxy plating that uses a more environmentally friendly method than epoxy coatings that use phosphates and heavy metals. The eight step process results in a superior coating that both enhances corrosion resistance and appearance.

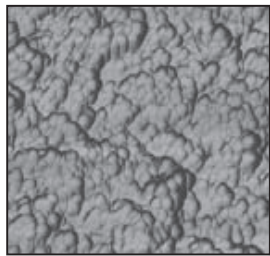


Eight Step Epoxy Plating Process

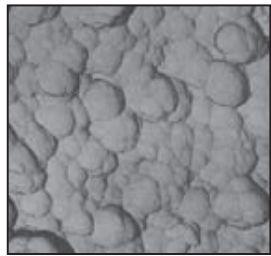
1. Water Clean - Initial cleaning after forming.
2. Degrease - An alkaline solution to removes oils, lubrication grease, soil, and metal oxides.
3. Water Clean - Removes alkaline solution.
4. Bonderite® - Surface pretreatment using Bonderite® NT-1™ (see below).
5. Water Clean - Post-vitrification cleaning.
6. Pre-Heat - Preheating prior to powder coating.
7. Powder Coating - Epoxy is applied to minimum thickness of 0.05mm.
8. Curing - Heated to a temperature of 392°F (200°C).

About Bonderite® NT-1™

Bonderite® Nanoparticles



Iron Phosphate



Bonderite® NT-1™ is a nano-ceramic vitrification surface pretreatment that creates a cohesive, inorganic, very dense layer for outstanding corrosion protection that is superior to iron phosphating. Specifically formulated for use on metal surfaces like steel, it is absolutely uniform and is free of any phosphates or toxic heavy metals and does not require passivation. The nanotechnology also produces a smooth finish.

Bonderite® and NT-1™ are trademarks and/or registered trademarks of Henkel and its affiliates'.

Superior Corrosion Resistance

FNW hangers and clamps with epoxy plating are tested in a 20% salt spray solution that exceeds ASTM B 117-03 salt solution requirements by a factor of 4.

After 240 hours in a salt spray (fog) apparatus, the FNW hanger with epoxy plating showed little to no signs of corrosion or pitting and the finish was still smooth. Compare FNW's to a typical electro-zinc plated hanger that shows significant corrosion and pitting after the same test. It is easy to see that FNW's epoxy plating, offered as standard, is the superior finish.

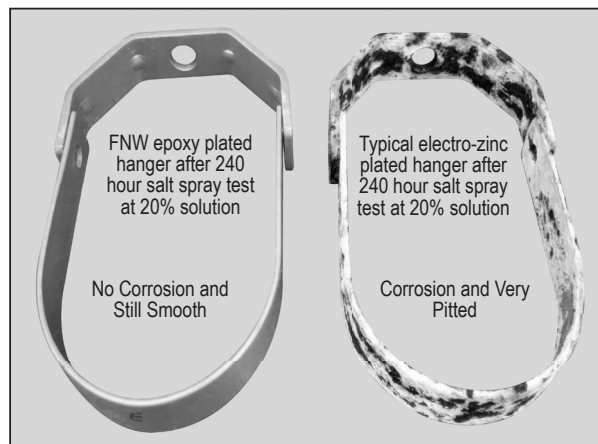
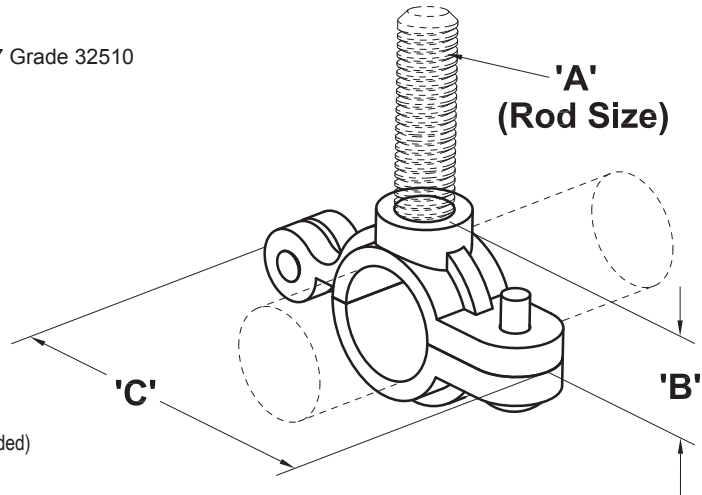


FIGURE 7001 - Hinged Split Ring

Finish: Plain, Zinc, or Copper

MSS SP-58, type 12

Material: Malleable Iron, ASTM A47 Grade 32510



A - Rod size (hanger rod and nuts not included)

B - Center of pipe to top of hanger

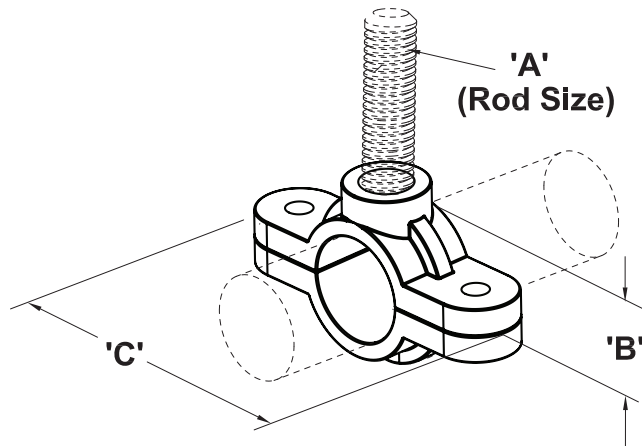
C - Width of hanger

Pipe Size		A (Rod Size)	B (in.)		Pipe Size		C (in.)		Max. Load	Weights (oz.)	
in.	mm		Plain & Zinc	Copper	in.	mm	Plain & Zinc	Copper		Plain & Zinc	Copper
3/8	17.2	3/8"-16	0.66	0.66	3/8	17.2	2.06	1.78	180	1.66	1.34
1/2	21.3	3/8"-16	0.75	0.75	1/2	21.3	2.22	1.97	180	1.76	1.62
3/4	26.6	3/8"-16	0.84	0.84	3/4	26.6	2.50	2.25	180	2.08	1.80
1	33.4	3/8"-16	0.97	0.97	1	33.4	2.75	2.44	180	2.36	2.08
1-1/4	42.1	3/8"-16	1.16	1.13	1-1/4	42.1	3.22	2.78	180	3.10	2.40
1-1/2	48.2	3/8"-16	1.28	1.25	1-1/2	48.2	3.44	3.06	180	3.46	2.82
2	60.3	3/8"-16	1.53	1.47	2	60.3	3.94	3.53	180	4.41	3.77
2-1/2	73.0	1/2"-13	1.94	1.88	2-1/2	73.0	4.75	4.44	300	7.65	6.81
3	88.9	1/2"-13	2.56	2.16	3	88.9	5.38	4.94	300	9.17	7.51
4	114.3	1/2"-13	2.75	2.63	4	114.3	6.41	5.94	300	10.58	9.28

Pipe Size		Catalog Number		
in.	mm	Plain	Zinc	Copper
3/8	17.2	FNW7001PC	FNW7001ZC	FNW7001CC
1/2	21.3	FNW7001PD	FNW7001ZD	FNW7001CD
3/4	26.6	FNW7001PF	FNW7001ZF	FNW7001CF
1	33.4	FNW7001PG	FNW7001ZG	FNW7001CG
1-1/4	42.1	FNW7001PH	FNW7001ZH	FNW7001CH
1-1/2	48.2	FNW7001PJ	FNW7001ZJ	FNW7001CJ
2	60.3	FNW7001PK	FNW7001ZK	FNW7001CK
2-1/2	73.0	FNW7001PL	FNW7001ZL	FNW7001CL
3	88.9	FNW7001PM	FNW7001ZM	FNW7001CM
4	114.3	FNW7001PP	FNW7001ZP	FNW7001CP

FIGURE 7001S - No Hinge Split ring W/2 Bolts

Finish: Stainless
 MSS SP-58, type 12
 Material: 304 Stainless Steel



A - Rod size (hanger rod and nuts not included)
 B - Center of pipe to top of hanger
 C - Width of hanger

Catalog Number	Pipe Size		A (Rod Size)	B	C	Max Load	Weights
	in.	mm					
FNW7001SC	3/8	17.2	3/8"-16	0.60	2.03	180	1.28
FNW7001SD	1/2	21.3	3/8"-16	0.68	2.20	180	1.44
FNW7001SF	3/4	26.6	3/8"-16	0.82	2.50	180	1.76
FNW7001SG	1	33.4	3/8"-16	0.96	2.83	180	2.24
FNW7001SH	1-1/4	42.1	3/8"-16	1.16	3.21	180	2.72
FNW7001SJ	1-1/2	48.2	3/8"-16	1.27	3.44	180	3.04
FNW7001SK	2	60.3	3/8"-16	1.52	3.92	180	3.68
FNW7001SL	2-1/2	73.0	1/2"-13	1.96	4.80	300	6.4
FNW7001SM	3	88.9	1/2"-13	2.29	5.50	300	7.84
FNW7001SP	4	114.3	1/2"-13	2.80	6.62	300	9.6

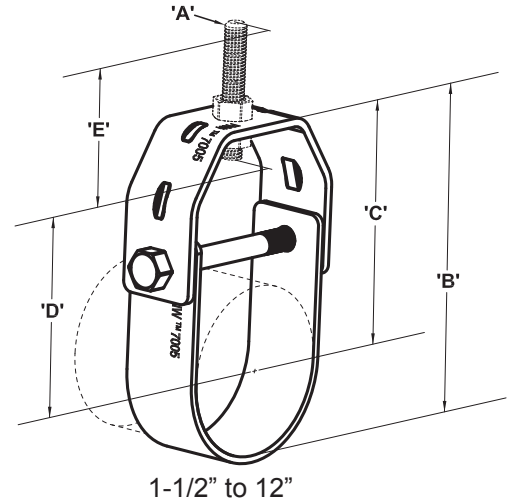
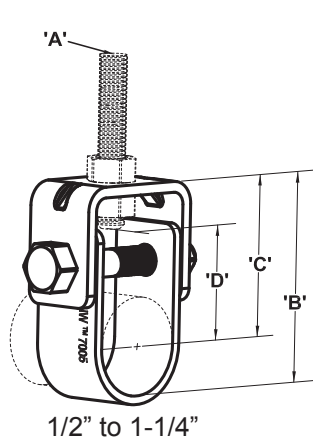
FIGURE 7005E - Standard Duty Adjustable Clevis Hangers



UL/FM Approved - Sizes 2-1/2" to 8"

Finish: Epoxy Plated
Color: Zinc
MSS SP-58, Type 1
Federal Specification WW-H-171, Type
Hanger body : ASTM A240
stud , nut : SS304

- A - Rod size (hanger rod and nuts not included)
- B - Bottom of pipe to top of hanger
- C - Center of pipe to top of hanger
- D - Rod take out (center of pipe to bottom of hanger rod)
- E - Minimum thread length of hanger rod
- F - Adjustment, top of cross bolt to bottom of hanger rod nut inside hanger

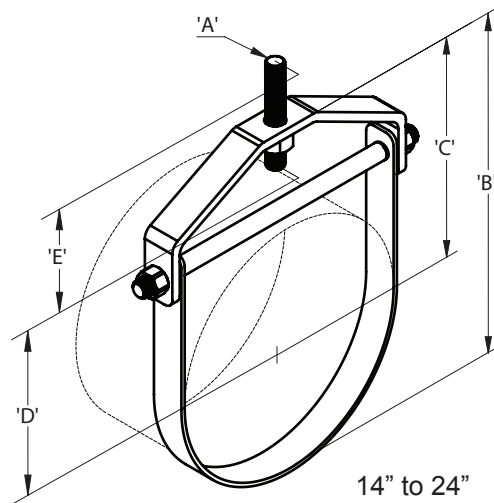


Catalog Number	Pipe Size		A (Rod Size)	B		C		D	
	in.	mm		in.	mm	in.	mm	in.	mm
FNW7005EP0050	1/2	21.3	3/8"-16	2	50	1-1/2	39	3/8	9.5
FNW7005EP0075	3/4	26.7	3/8"-16	2-2/7	58	1-3/4	44	5/8	15.3
FNW7005EP0100	1	33.4	3/8"-16	2-2/3	68	2	51	7/8	22.5
FNW7005EP0125	1-1/4	42.2	3/8"-16	3-1/3	84	2-4/9	62	1-1/4	31.90
FNW7005EP0150	1-1/2	48.3	3/8"-16	3-6/7	98	2-7/8	73	1-3/4	44.9
FNW7005EP0200	2	60.3	3/8"-16	4-2/5	112	3-1/5	81	1-15/16	49.4
FNW7005EP0250	2-1/2	73.0	1/2"-13	5-1/8	130	3-2/3	93	2-5/16	57.9
FNW7005EP0300	3	88.9	1/2"-13	6	151	4-1/7	105	2-3/4	69.2
FNW7005EP0350	3-1/2	101.6	1/2"-13	6-1/2	166	4-1/2	114	3-1/16	78.2
FNW7005EP0400	4	114.3	5/8"-11	7-1/2	190	5-1/6	131	3-11/16	93.6
FNW7005EP0500	5	141.3	5/8"-11	9-1/5	234	6-3/8	162	4-5/8	117.0
FNW7005EP0600	6	168.3	3/4"-10	10-1/2	267	7-1/8	181	5-5/16	134.8
FNW7005EP0800	8	219.1	3/4"-10	13	328	8-1/2	216	6-1/2	164.7
FNW7005EP1000	10	273.1	7/8"-9	15-1/2	394	10	254	7-5/8	194.2
FNW7005EP1200	12	323.9	7/8"-9	18-5/8	473	12-1/8	308	9-3/4	247.6

Catalog Number	Pipe Size		E		F		Bolt Size	Design Load		Weight
	in.	mm	in.	mm	in.	mm		Lbs.	kN	
FNW7005EP0050	1/2	21.3	2-1/2	63.5	7/16	11.1	1/4-20UNC	610	2.71	0.12
FNW7005EP0075	3/4	26.7	2-1/2	63.5	1/2	12.7	1/4-20UNC	610	2.71	0.14
FNW7005EP0100	1	33.4	2-1/2	63.5	5/8	15.9	1/4-20UNC	610	2.71	0.16
FNW7005EP0125	1-1/4	42.2	2-1/2	63.5	7/8	22.2	1/4-20UNC	610	2.71	0.24
FNW7005EP0150	1-1/2	48.3	2-1/2	63.5	1-3/16	30.2	1/4-20UNC	610	2.71	0.25
FNW7005EP0200	2	60.3	2-1/2	63.5	1-5/8	41.3	1/4-20UNC	610	2.71	0.35
FNW7005EP0250	2-1/2	73.0	2-1/2	63.5	2	50.8	3/8-16UNC	1130	5.02	0.61
FNW7005EP0300	3	88.9	2-1/2	63.5	2	50.8	3/8-16UNC	1130	5.02	0.71
FNW7005EP0350	3-1/2	101.6	2-1/2	63.5	2	50.8	3/8-16UNC	1130	5.02	0.79
FNW7005EP0400	4	114.3	2-1/2	63.5	2	50.8	3/8-16UNC	1430	6.36	1.00
FNW7005EP0500	5	141.3	2-1/2	63.5	2	50.8	1/2-13UNC	1430	6.36	1.67
FNW7005EP0600	6	168.3	3	76.2	2	50.8	1/2-13UNC	1940	8.62	3.05
FNW7005EP0800	8	219.1	3-1/2	88.9	2-5/16	58.7	5/8-11UNC	2000	8.89	4.11
FNW7005EP1000	10	273.1	3-1/2	88.9	2-5/16	58.7	3/4-10UNC	3600	16.00	6.75
FNW7005EP1200	12	323.9	3-1/2	88.9	2-5/16	66.7	3/4-10UNC	3800	16.89	7.88

FIGURE 7005E - Standard Duty Large Diameter Adjustable Clevis Hangers

Finish: Epoxy Plated
 Color: Zinc
 MSS SP-58, Type 1
 Federal Specification WW-H-171, Type 1



- A - Rod size (hanger rod and nut not included)
 B - Bottom of pipe to top of hanger
 C - Center of pipe to top of hanger
 D - Rod take out (center of pipe to bottom of hanger rod)
 E - Minimum thread length of hanger rod
 F - Adjustment, top of cross bolt to bottom of hanger rod nut inside hanger

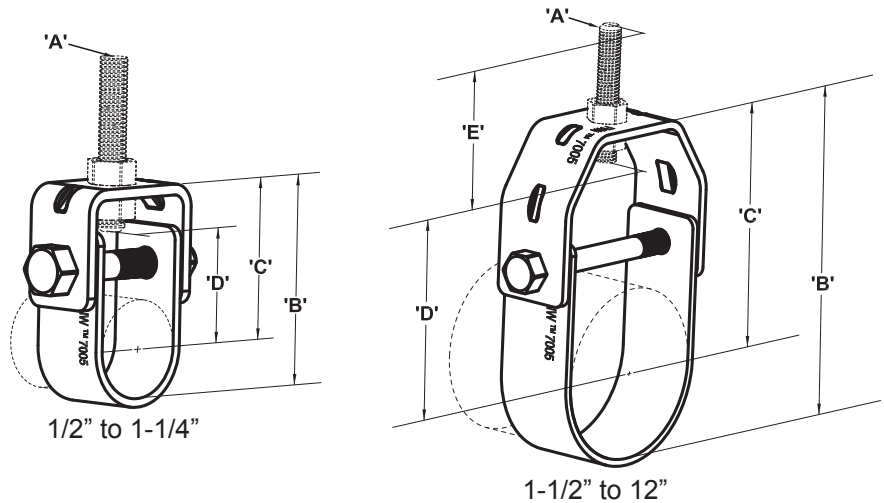
Catalog Number	Pipe Size		A (Rod Size)	B		C		D	
	in.	mm		in.	mm	in.	mm	in.	mm
FNW7005EP1400	14	355.6	1"-8	21-1/6	537.5	13-5/8	347.2	11-3/16	281.6
FNW7005EP1600	16	406.4	1"-8	23-1/2	596.5	14-3/4	380.8	12-7/8	327.0
FNW7005EP1800	18	457.2	1"-8	27	683.5	17-3/8	442.4	13-15/16	354.0
FNW7005EP2000	20	508.0	1-1/4"-7	29-2/3	754.0	19	486.0	17-7/16	442.9
FNW7005EP2400	24	609.6	1-1/4"-7	33-7/9	858.0	21-1/8	539.2	20"	485.5

Catalog Number	Pipe Size		E		F		Bolt Size	Design Load		Weight
	in.	mm	in.	mm	in.	mm		Lbs.	kN	Lbs.
FNW7005EP1400	14	355.6	4	101.6	2-7/8	73.0	1-8UNC	4200	18.67	18.15
FNW7005EP1600	16	406.4	4	101.6	3-3/8	85.7	1-8UNC	4600	20.44	23.84
FNW7005EP1800	18	457.2	4-1/2	114.3	3-3/8	85.7	1-8UNC	4800	21.33	26.79
FNW7005EP2000	20	508.0	5	127.0	4-13/16	122.2	1-1/4-7UNC	4800	21.33	43.53
FNW7005EP2400	24	609.6	5	127.0	5-1/4	133.3	1-1/4-7UNC	4800	21.33	50.39

FIGURE 7005P - Standard Duty Adjustable Clevis Hanger

Finish: Plain
Color: Black
MSS SP-58, Type 1
Federal Specification WW-H-171, Type 1

- A - Rod size (hanger rod and nuts not included)
B - Bottom of pipe to top of hanger
C - Center of pipe to top of hanger
D - Rod take out (center of pipe to bottom of hanger rod)
E - Minimum thread length of hanger rod
F - Adjustment, top of cross bolt to bottom of hanger rod nut inside hanger

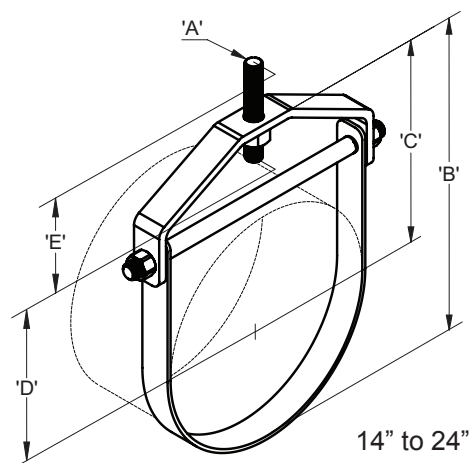


Catalog Number	Pipe Size		A (Rod Size)	B		C		D	
	in.	mm		in.	mm	in.	mm	in.	mm
FNW7005P0050	1/2	21.3	3/8"-16	1-15/16	49.00	1-7/16	37.55	3/8	9.50
FNW7005P0075	3/4	26.7	3/8"-16	2-1/4	57.40	1-3/4	43.25	5/8	15.30
FNW7005P0100	1	33.4	3/8"-16	2-11/16	68.00	2	50.50	7/8	22.50
FNW7005P0125	1-1/4	42.2	3/8"-16	3-1/4	82.00	2-3/8	59.90	1-1/4	31.90
FNW7005P0150	1-1/2	48.3	3/8"-16	3-7/8	98.00	2-7/8	72.85	1-3/4	44.90
FNW7005P0200	2	60.3	3/8"-16	4-5/16	109.00	3-1/16	77.85	1-15/16	49.40
FNW7005P0250	2-1/2	73.0	1/2"-13	5-1/8	130.20	3-5/8	92.65	2-5/16	57.90
FNW7005P0300	3	88.9	1/2"-13	5-15/16	150.10	4-1/8	104.40	2-3/4	69.20
FNW7005P0350	3-1/2	101.6	1/2"-13	6-1/2	165.50	4-7/16	113.45	3-1/16	78.20
FNW7005P0400	4	114.3	5/8"-11	7-7/16	189.00	5-1/8	130.35	3-11/16	93.60
FNW7005P0500	5	141.3	5/8"-11	9-1/4	233.80	6-3/8	161.40	4-5/8	117.00
FNW7005P0600	6	168.3	3/4"-10	10-1/2	267.30	7-1/8	181.15	5-5-16	134.94
FNW7005P0800	8	219.1	3/4"-10	12-15/16	328.40	8-1/2	216.35	6-1/2	165.00
FNW7005P1000	10	273.1	3/8"-16	15-1/2	394.00	10	254.45	7-5/8	193.68
FNW7005P1200	12	323.9	3/8"-16	18-5/8	473.10	12-1/8	307.90	9-3/4	247.65

Catalog Number	Pipe Size		E		F		Bolt Size	Design Load		Weight
	in.	mm	in.	mm	in.	mm		Lbs.	kN	
FNW7005P0050	1/2	21.3	2-1/2	63.50	7/16	11.11	1/4-20UNC	610	2.71	0.15
FNW7005P0075	3/4	26.7	2-1/2	63.50	1/2	12.70	1/4-20UNC	610	2.71	0.17
FNW7005P0100	1	33.4	2-1/2	63.50	5/8	15.88	1/4-20UNC	610	2.71	0.20
FNW7005P0125	1-1/4	42.2	2-1/2	63.50	7/8	22.23	1/4-20UNC	610	2.71	0.29
FNW7005P0150	1-1/2	48.3	2-1/2	63.50	1-3/16	30.16	1/4-20UNC	610	2.71	0.32
FNW7005P0200	2	60.3	2-1/2	63.50	1-5/8	41.28	1/4-20UNC	610	2.71	0.39
FNW7005P0250	2-1/2	73.0	2-1/2	63.50	2	50.80	5/16-18UNC	1130	5.02	0.67
FNW7005P0300	3	88.9	2-1/2	63.50	2	50.80	5/16-18UNC	1130	5.02	0.83
FNW7005P0350	3-1/2	101.6	2-1/2	63.50	2	50.80	5/16-18UNC	1130	5.02	0.91
FNW7005P0400	4	114.3	2-1/2	63.50	2	50.80	5/16-18UNC	1430	6.36	1.25
FNW7005P0500	5	141.3	2-1/2	63.50	2	50.80	3/8-16UNC	1430	6.36	2.03
FNW7005P0600	6	168.3	3	76.20	2	50.80	3/8-16UNC	1940	8.62	3.56
FNW7005P0800	8	219.1	3-1/2	88.90	2-5/16	58.74	5/8-11UNC	2000	8.89	4.89
FNW7005P1000	10	273.1	3-1/2	88.90	2-5/16	58.74	3/4-10UNC	3600	16.00	8.64
FNW7005P1200	12	323.9	3-1/2	88.90	2-5/16	58.74	3/4-10UNC	3800	16.89	10.18

FIGURE 7005P - Standard Duty Large Diameter Adjustable Clevis Hanger

Finish: Plain
 Color: Black
 MSS SP-58, Type 1
 Federal Specification WW-H-171, Type 1



- A - Rod size (hanger rod and nuts not included)
 B - Bottom of pipe to top of hanger
 C - Center of pipe to top of hanger
 D - Rod take out (center of pipe to bottom of hanger rod)
 E - Minimum thread length of hanger rod
 F - Adjustment, top of cross bolt to bottom of hanger rod nut inside hanger

Catalog Number	Pipe Size		A (Rod Size)	B		C		D	
	in.	mm		in.	mm	in.	mm	in.	mm
FNW7005P1400	14	355.6	1"-8	21-1/16	537.5	13-5/8	347.2	11-3/16	281.6
FNW7005P1600	16	406.4	1"-8	23-1/2	596.5	14-3/4	380.8	12-7/8	327.0
FNW7005P1800	18	457.2	1"-8	27	683.5	17-3/8	442.4	13-15/16	354.0
FNW7005P2000	20	508.0	1-1/4"-7	29-2/3	754.0	19	486.0	17-7/16	442.9
FNW7005P02400	24	609.6	1-1/4"-7	33-7/9	858.0	21-1/8	539.2	20"	485.5

Catalog Number	Pipe Size		E		F		Bolt Size	Design Load		Weight
	in.	mm	in.	mm	in.	mm		Lbs.	kN	Lbs.
FNW7005P1400	14	355.6	4	101.6	2-7/8	73.0	1-8UNC	4200	18.67	18.15
FNW7005P1600	16	406.4	4	101.6	3-3/8	85.7	1-8UNC	4600	20.44	23.84
FNW7005P1800	18	457.2	4-1/2	114.3	3-3/8	85.7	1-8UNC	4800	21.33	26.79
FNW7005P2000	20	508.0	5	127.0	4-13/16	122.2	1-1/4-7UNC	4800	21.33	43.53
FNW7005P2400	24	609.6	5	127.0	5-1/4	133.3	1-1/4-7UNC	4800	21.33	50.39

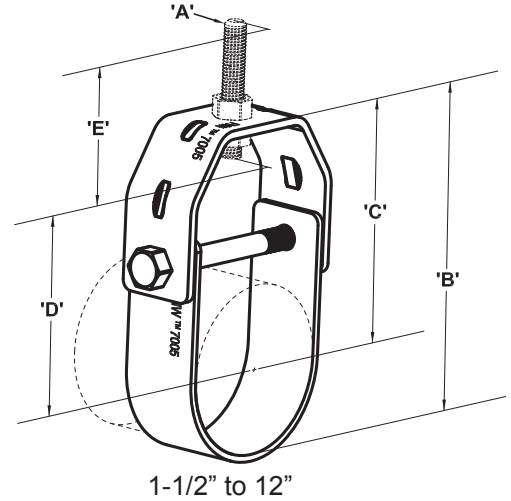
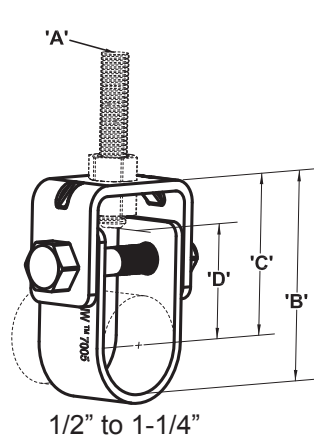
FIGURE 7005Z - Standard Duty Adjustable Clevis Hangers



UL/FM Approved - Sizes 2-1/2" to 8"

Finish: Plated
Color: Zinc
MSS SP-58, Type 1
Federal Specification WW-H-171, Type 1

- A - Rod size (hanger rod and nuts not included)
B - Bottom of pipe to top of hanger
C - Center of pipe to top of hanger
D - Rod take out (center of pipe to bottom of hanger rod)
E - Minimum thread length of hanger rod
F - Adjustment, top of cross bolt to bottom of hanger rod nut inside hanger

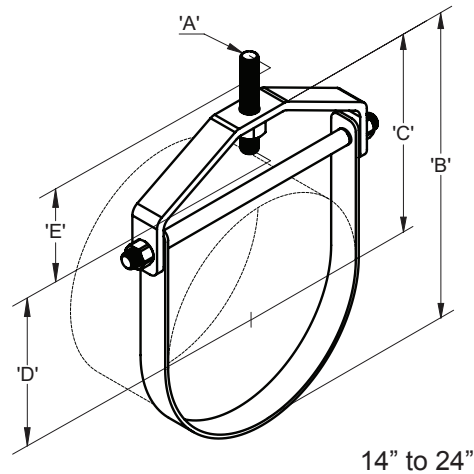


Catalog Number	Pipe Size		A (Rod Size)	B		C		D	
	in.	mm		in.	mm	in.	mm	in.	mm
FNW7005Z0050	1/2	21.3	3/8"-16	1-15/16	49.00	1-7/16	37.55	3/8	9.50
FNW7005Z0075	3/4	26.7	3/8"-16	2-1/4	57.40	1-3/4	43.25	5/8	15.30
FNW7005Z0100	1	33.4	3/8"-16	2-11/16	68.00	2	50.50	7/8	22.50
FNW7005Z0125	1-1/4	42.2	3/8"-16	3-1/4	82.00	2-3/8	59.90	1-1/4	31.90
FNW7005Z0150	1-1/2	48.3	3/8"-16	3-7/8	98.00	2-7/8	72.85	1-3/4	44.90
FNW7005Z0200	2	60.3	3/8"-16	4-5/16	109.00	3-1/16	77.85	1-15/16	49.40
FNW7005Z0250	2-1/2	73.0	1/2"-13	5-1/8	130.20	3-5/8	92.65	2-5/16	57.90
FNW7005Z0300	3	88.9	1/2"-13	5-15/16	150.10	4-1/8	104.40	2-3/4	69.20
FNW7005Z0350	3-1/2	101.6	1/2"-13	6-1/2	165.50	4-7/16	113.45	3-1/16	78.20
FNW7005Z0400	4	114.3	5/8"-11	7-7/16	189.00	5-1/8	130.35	3-11/16	93.60
FNW7005Z0500	5	141.3	5/8"-11	9-1/4	233.80	6-3/8	161.40	4-5/8	117.00
FNW7005Z0600	6	168.3	3/4"-10	10-1/2	267.30	7-1/8	181.15	5-5/16	134.94
FNW7005Z0800	8	219.1	3/4"-10	12-15/16	328.40	8-1/2	216.35	6-1/2	165.00
FNW7005Z1000	10	273.1	7/8"-9	15-1/2	394.00	10	254.45	7-5/8	193.68
FNW7005Z1200	12	323.9	7/8"-9	18-5/8	473.10	12-1/8	307.90	9-3/4	247.65

Catalog Number	Pipe Size		E		F		Bolt Size	Design Load		Weight
	in.	mm	in.	mm	in.	mm		Lbs.	kN	
FNW7005Z0050	1/2	21.3	2-1/2	63.50	7/16	11.11	1/4-20UNC	610	2.71	0.15
FNW7005Z0075	3/4	26.7	2-1/2	63.50	1/2	12.70	1/4-20UNC	610	2.71	0.17
FNW7005Z0100	1	33.4	2-1/2	63.50	5/8	15.88	1/4-20UNC	610	2.71	0.20
FNW7005Z0125	1-1/4	42.2	2-1/2	63.50	7/8	22.23	1/4-20UNC	610	2.71	0.29
FNW7005Z0150	1-1/2	48.3	2-1/2	63.50	1-3/16	30.16	1/4-20UNC	610	2.71	0.32
FNW7005Z0200	2	60.3	2-1/2	63.50	1-5/8	41.28	1/4-20UNC	610	2.71	0.39
FNW7005Z0250	2-1/2	73.0	2-1/2	63.50	2	50.80	5/16-18UNC	1130	5.02	0.67
FNW7005Z0300	3	88.9	2-1/2	63.50	2	50.80	5/16-18UNC	1130	5.02	0.83
FNW7005Z0350	3-1/2	101.6	2-1/2	63.50	2	50.80	5/16-18UNC	1130	5.02	0.91
FNW7005Z0400	4	114.3	2-1/2	63.50	2	50.80	5/16-18UNC	1430	6.36	1.25
FNW7005Z0500	5	141.3	2-1/2	63.50	2	50.80	3/8-16UNC	1430	6.36	2.03
FNW7005Z0600	6	168.3	3	76.20	2	50.80	3/8-16UNC	1940	8.62	3.56
FNW7005Z0800	8	219.1	3-1/2	88.90	2-5/16	58.74	5/8-11UNC	2000	8.89	4.89
FNW7005Z1000	10	273.1	3-1/2	88.90	2-5/16	58.74	3/4-10UNC	3600	16.00	8.64
FNW7005Z1200	12	323.9	3-1/2	88.90	2-5/16	58.74	3/4-10UNC	3800	16.89	10.18

FIGURE 7005Z - Standard Duty Large Diameter Adjustable Clevis Hanger

Finish: Plated
 Color: Zinc
 MSS SP-58, Type 1
 Federal Specification WW-H-171, Type 1



- A - Rod size (hanger rod and nuts not included)
 B - Bottom of pipe to top of hanger
 C - Center of pipe to top of hanger
 D - Rod take out (center of pipe to bottom of hanger rod)
 E - Minimum thread length of hanger rod
 F - Adjustment, top of cross bolt to bottom of hanger rod nut inside hanger

Catalog Number	Pipe Size		A (Rod Size)	B		C		D	
	in.	mm		in.	mm	in.	mm	in.	mm
FNW7005Z1400	14	355.6	1"-8	21-1/16	537.5	13-5/8	347.2	11-3/16	281.6
FNW7005Z1600	16	406.4	1"-8	23-1/2	596.5	14-3/4	380.8	12-7/8	327.0
FNW7005Z1800	18	457.2	1"-8	27	683.5	17-3/8	442.4	13-15/16	354.0
FNW7005Z2000	20	508.0	1-1/4"-7	29-2/3	754.0	19	486.0	17-7/16	442.9
FNW7005Z2400	24	609.6	1-1/4"-7	33-7/9	858.0	21-1/8	539.2	20"	485.5

Catalog Number	Pipe Size		E		F		Bolt Size	Design Load		Weight
	in.	mm	in.	mm	in.	mm		Lbs.	kN	Lbs.
FNW7005Z1400	14	355.6	4	101.6	2-7/8	73.0	1-8UNC	4200	18.67	18.15
FNW7005Z1600	16	406.4	4	101.6	3-3/8	85.7	1-8UNC	4600	20.44	23.84
FNW7005Z1800	18	457.2	4-1/2	114.3	3-3/8	85.7	1-8UNC	4800	21.33	26.79
FNW7005Z2000	20	508.0	5	127.0	4-13/16	122.2	1-1/4-7UNC	4800	21.33	43.53
FNW7005Z2400	24	609.6	5	127.0	5-1/4	133.3	1-1/4-7UNC	4800	21.33	50.39

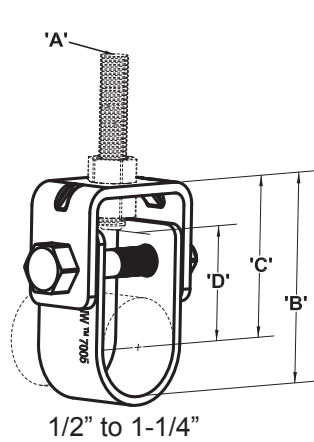
FIGURE 7005S - Standard Duty Adjustable Clevis Hanger



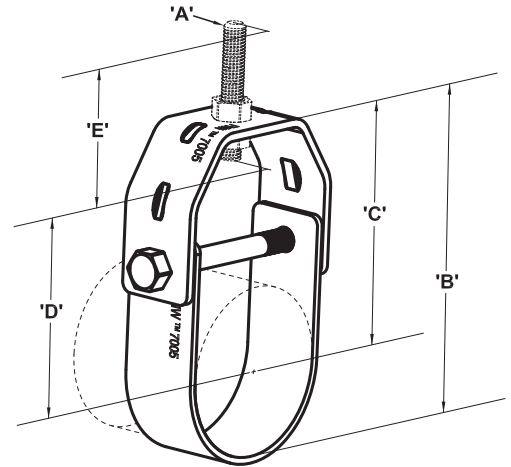
UL/FM Approved - Sizes 2-1/2" to 8"

Finish: Stainless Steel
Color: Stainless
MSS SP-58, Type 1
Federal Specification WW-H-171, Type 1
Hanger body : ASTM A240
stud , nut : SS304

- A - Rod size (hanger rod and nuts not included)
- B - Bottom of pipe to top of hanger
- C - Center of pipe to top of hanger
- D - Rod take out (center of pipe to bottom of hanger rod)
- E - Minimum thread length of hanger rod
- F - Adjustment, top of cross bolt to bottom of hanger rod nut inside hanger



1/2" to 1-1/4"



1-1/2" to 12"

Catalog Number	Pipe Size		A (Rod Size)	B		C		D	
	in.	mm		in.	mm	in.	mm	in.	mm
FNW7005S0050	1/2	21.30	3/8"-16	2	50	1-1/2	39.00	3/8	9.50
FNW7005S0075	3/4	26.70	3/8"-16	2-2/7	58	1-3/4	44.00	5/8	15.30
FNW7005S0100	1	33.40	3/8"-16	2-2/3	68	2	51.00	7/8	22.50
FNW7005S0125	1-1/4	42.20	3/8"-16	3-1/3	84	2-4/9	62.00	1-1/4	31.90
FNW7005S0150	1-1/2	48.30	3/8"-16	3-6/7	98	2-7/8	73.00	1-3/4	44.90
FNW7005S0200	2	60.30	3/8"-16	4-2/5	112	3-1/5	81.00	1-15/16	49.40
FNW7005S0250	2-1/2	73.00	3/8"-16	5-1/8	130	3-2/3	93.00	2-5/16	57.90
FNW7005S0300	3	88.90	3/8"-16	6	151	4-1/7	105.00	2-3/4	69.20
FNW7005S0350	3-1/2	101.60	3/8"-16	6-1/2	166	4-1/2	114.00	3-1/16	78.20
FNW7005S0400	4	114.30	3/8"-16	7-1/2	190	5-1/6	131.00	3-11/16	93.60
FNW7005S0500	5	141.30	3/8"-16	9-1/5	234	6-3/8	162.00	4-5/8	117.00
FNW7005S0600	6	168.30	3/8"-16	10-1/2	267	7-1/8	181.00	5-5/16	134.80
FNW7005S0800	8	219.10	3/8"-16	13	328	8-1/2	216.00	6-1/2	164.70
FNW7005S1000	10	273.10	3/8"-16	15-1/2	394	10	254.00	7-5/8	194.20
FNW7005S1200	12	323.90	3/8"-16	18-5/8	473	12-1/8	308.00	9-3/4	247.60

Catalog Number	Pipe Size		E		F		Bolt Size	Design Load		Weight
	in.	mm	in.	mm	in.	mm		Lbs.	kN	
FNW7005S0050	1/2	21.3	2-1/2	63.5	7/16	11.1	1/4-20UNC	610	2.71	0.12
FNW7005S0075	3/4	26.7	2-1/2	63.5	1/2	12.7	1/4-20UNC	610	2.71	0.14
FNW7005S0100	1	33.4	2-1/2	63.5	5/8	15.9	1/4-20UNC	610	2.71	0.16
FNW7005S0125	1-1/4	42.2	2-1/2	63.5	7/8	22.2	1/4-20UNC	610	2.71	0.24
FNW7005S0150	1-1/2	48.3	2-1/2	63.5	1-3/16	30.2	1/4-20UNC	610	2.71	0.25
FNW7005S0200	2	60.3	2-1/2	63.5	1-5/8	41.3	1/4-20UNC	610	2.71	0.35
FNW7005S0250	2-1/2	73.0	2-1/2	63.5	2	50.8	3/8-16UNC	1130	5.02	0.61
FNW7005S0300	3	88.9	2-1/2	63.5	2	50.8	3/8-16UNC	1130	5.02	0.71
FNW7005S0350	3-1/2	101.6	2-1/2	63.5	2	50.8	3/8-16UNC	1130	5.02	0.79
FNW7005S0400	4	114.3	2-1/2	63.5	2	50.8	3/8-16UNC	1430	6.36	1.00
FNW7005S0500	5	141.3	2-1/2	63.5	2	50.8	1/2-13UNC	1430	6.36	1.67
FNW7005S0600	6	168.23	3	76.2	2	50.8	1/2-13UNC	1940	8.62	3.05
FNW7005S0800	8	219.1	3-1/2	88.9	2-5/16	58.7	5/8-11UNC	2000	8.89	4.11
FNW7005S1000	10	273.1	3-1/2	88.9	2-5/16	58.7	3/4-10UNC	3600	16.00	6.75
FNW7005S1200	12	323.9	3-1/2	88.9	2-5/16	66.7	3/4-10UNC	3800	16.89	7.88

FIGURE 7006E - Light Duty Adjustable Clevis Hangers

UL Approved - Sizes 3/4" to 4"

Finish: Epoxy Plated

Color: Zinc

MSS SP-58, Type 1

Federal Specification WW-H-171, Type 1

A - Rod size (hanger rod and nuts not included)

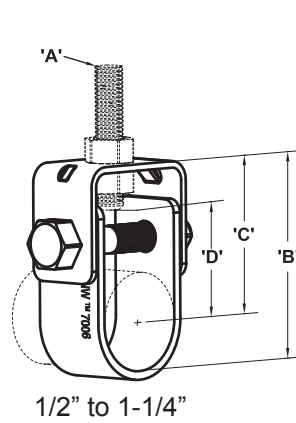
B - Bottom of pipe to top of hanger

C - Center of pipe to top of hanger

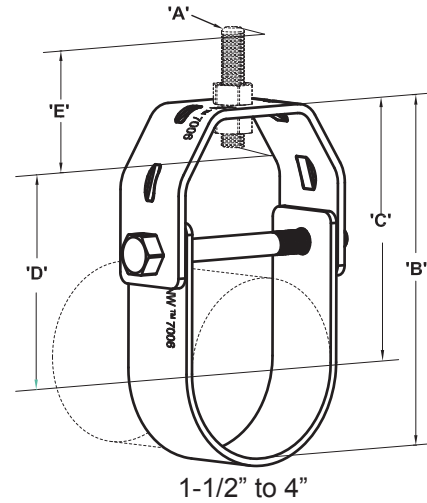
D - Rod take out (center of pipe to bottom of hanger rod)

E - Minimum thread length of hanger rod

F - Adjustment, top of cross bolt to bottom of hanger rod nut inside hanger



1/2" to 1-1/4"



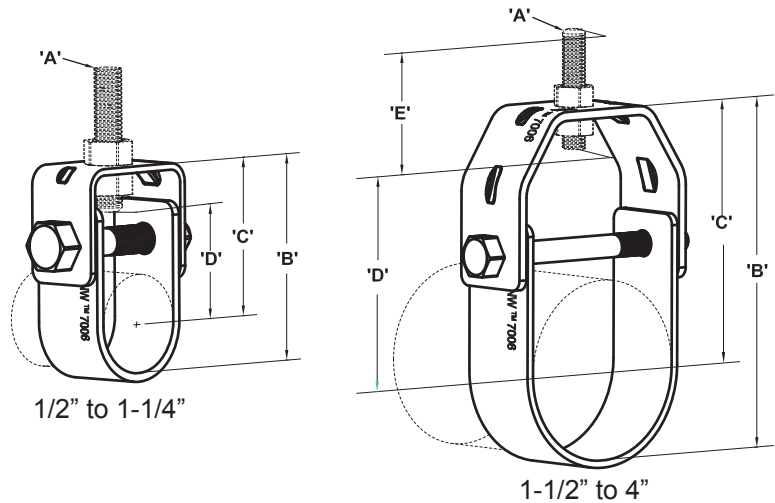
1-1/2" to 4"

Catalog Number	Pipe Size		A (Rod Size)	B		C		D	
	in.	mm		in.	mm	in.	mm	in.	mm
FNW7006EP0050	1/2	21.3	3/8"-16	2	51.20	1-1/2	39.75	1/2	13.05
FNW7006EP0075	3/4	26.7	3/8"-16	2-7/16	61.60	1-7/8	47.45	3/4	20.75
FNW7006EP0100	1	33.4	3/8"-16	2-11/16	68.52	2	51.02	15/16	24.32
FNW7006EP0125	1-1/4	42.12	3/8"-16	3-3/16	83.20	2-3/8	61.10	1-5/16	34.10
FNW7006EP0150	1-1/2	48.3	3/8"-16	3-7/8	98.90	2-7/8	73.75	1-7/8	46.75
FNW7006EP0200	2	60.3	3/8"-16	4-3/8	111.90	3-3/16	80.75	1-15/16	48.75
FNW7006EP0250	2-1/2	73.0	1/2"-13	5-3/16	131.20	3-11/16	93.70	2-5/16	58.80
FNW7006EP0300	3	88.9	1/2"-13	5-7/8	149.40	4-1/16	103.70	2-3/4	68.80
FNW7006EP0400	4	114.3	5/8"-11	7-5/8	194.00	5-5/16	135.35	3-15/16	99.45

Catalog Number	Pipe Size		E		F		Bolt Size	Design Load		Weight
	in.	mm	in.	mm	in.	mm		Lbs.	kN	Lbs.
FNW7006EP0050	1/2	21.3	2-1/2	63.5	7/16	11.1	1/4-20UNC	150	0.67	0.10
FNW7006EP0075	3/4	26.7	2-1/2	63.5	1/2	12.7	1/4-20UNC	150	0.67	0.12
FNW7006EP0100	1	33.4	2-1/2	63.5	5/8	15.9	1/4-20UNC	250	1.11	0.13
FNW7006EP0125	1-1/4	42.2	2-1/2	63.5	7/8	22.2	1/4-20UNC	250	1.11	0.21
FNW7006EP0150	1-1/2	48.3	2-1/2	63.5	1-3/16	30.2	1/4-20UNC	250	1.11	0.23
FNW7006EP0200	2	60.3	2-1/2	63.5	1-5/8	41.3	1/4-20UNC	250	1.11	0.33
FNW7006EP0250	2-1/2	73.0	2-1/2	63.5	2	50.8	3/8-16UNC	350	1.56	0.45
FNW7006EP0300	3	88.9	2-1/2	63.5	2	50.8	3/8-16UNC	350	1.56	0.51
FNW7006EP0400	4	114.3	2-1/2	63.5	2	50.8	3/8-16UNC	400	1.78	0.84

FIGURE 7006P - Light Duty Adjustable Clevis Hangers

Finish: Plain
 Color: Black
 MSS SP-58, Type 1
 Federal Specification WW-H-171, Type 1



- A - Rod size (hanger rod and nuts not included)
- B - Bottom of pipe to top of hanger
- C - Center of pipe to top of hanger
- D - Rod take out (center of pipe to bottom of hanger rod)
- E - Minimum thread length of hanger rod
- F - Adjustment, top of cross bolt to bottom of hanger rod nut inside hanger

Catalog Number	Pipe Size		A (Rod Size)	B		C		D	
	in.	mm		in.	mm	in.	mm	in.	mm
FNW7006P0050	1/2	21.3	3/8	2.00	50.7	1.56	39.5	1.05	26.7
FNW7006P0075	3/4	26.7	3/8	2.43	61.7	1.87	47.5	1.37	34.7
FNW7006P0100	1	33.4	3/8	2.70	68.7	2.03	51.5	1.52	38.7
FNW7006P0125	1-1/4	42.2	3/8	3.25	82.5	2.37	60.2	1.86	47.2
FNW7006P0150	1-1/2	48.3	3/8	3.87	98.4	2.89	73.4	2.37	60.3
FNW7006P0200	2	60.3	3/8	5.61	142.4	4.37	110.9	3.85	97.8
FNW7006P0250	2-1/2	73.0	1/2	5.17	131.4	3.66	92.9	3.14	79.8
FNW7006P0300	3	88.9	1/2	5.84	148.4	3.96	100.7	3.45	87.6
FNW7006P0400	4	114.3	1/2	7.69	195.4	5.28	134.0	4.72	119.9

Catalog Number	Pipe Size		E		F		Bolt Size	Design Load		Weight
	in.	mm	in.	mm	in.	mm		Lbs.	kN	Lbs.
FNW7006P0050	1/2	21.3	2.50	63.50	0.30	7.6	1/4	150	0.67	0.09
FNW7006P0075	3/4	26.7	2.50	63.60	0.55	13.6	1/4	150	0.67	0.10
FNW7006P0100	1	33.4	2.50	63.60	0.55	13.6	1/4	250	1.11	0.11
FNW7006P0125	1-1/4	42.2	2.50	63.60	0.78	19.9	1/4	250	1.11	0.20
FNW7006P0150	1-1/2	48.3	2.50	63.60	1.12	28.5	1/4	250	1.11	0.25
FNW7006P0200	2	60.3	2.50	63.60	1.21	30.7	1/4	250	1.11	0.31
FNW7006P0250	2-1/2	73.0	2.50	63.60	1.19	27.6	3/8	350	1.56	0.51
FNW7006P0300	3	88.9	2.50	63.60	1.11	28.2	3/8	350	1.56	0.59
FNW7006P0400	4	114.3	2.50	63.60	1.88	47.8	3/8	400	1.78	1.00

FIGURE 7006Z - Light Duty Adjustable Clevis Hangers

UL Approved - Sizes 1/2" to 4"

Finish: Plated

Color: Zinc

MSS SP-58, Type 1

Federal Specification WW-H-171, Type 1

A - Rod size (hanger rod and nuts not included)

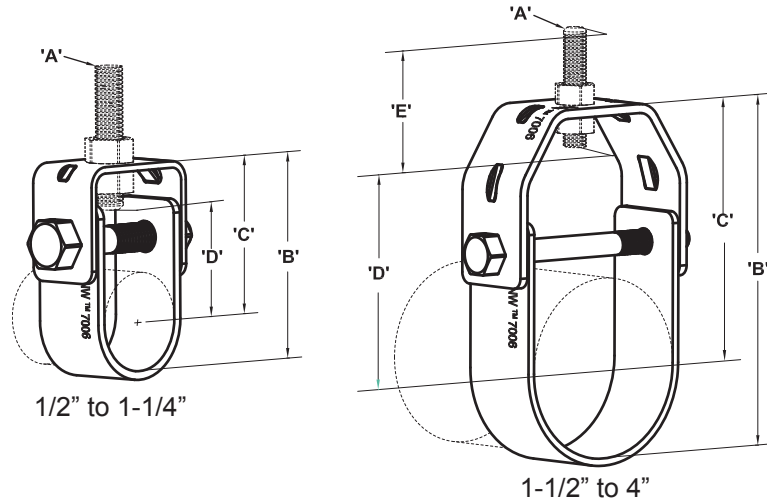
B - Bottom of pipe to top of hanger

C - Center of pipe to top of hanger

D - Rod take out (center of pipe to bottom of hanger rod)

E - Minimum thread length of hanger rod

F - Adjustment, top of cross bolt to bottom of hanger rod nut inside hanger



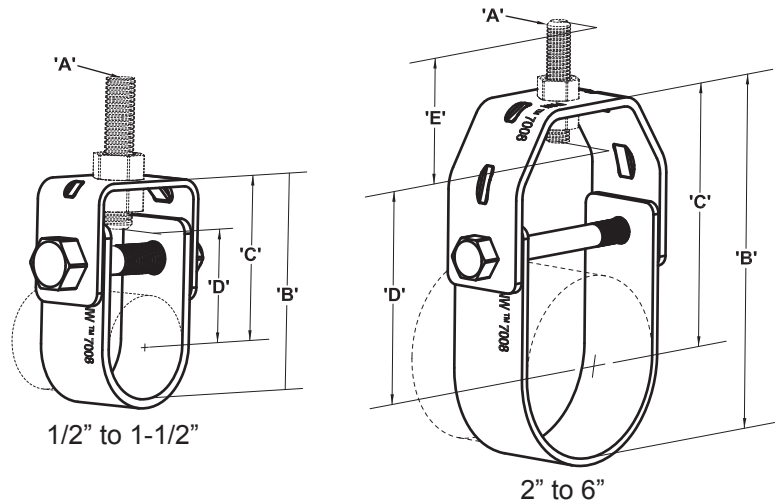
Catalog Number	Pipe Size		A (Rod Size)	B		C		D	
	in.	mm		in.	mm	in.	mm	in.	mm
FNW7006Z0050	1/2	21.3	3/8	2.00	50.7	1.56	39.5	1.05	26.7
FNW7006Z0075	3/4	26.7	3/8	2.43	61.7	1.87	47.5	1.37	34.7
FNW7006Z0100	1	33.4	3/8	2.70	68.7	2.03	51.5	1.52	38.7
FNW7006Z0125	1-1/4	42.2	3/8	3.25	82.5	2.37	60.2	1.86	47.2
FNW7006Z0150	1-1/2	48.3	3/8	3.87	98.4	2.89	73.4	2.37	60.3
FNW7006Z0200	2	60.3	3/8	5.61	142.4	4.37	110.9	3.85	97.8
FNW7006Z0250	2-1/2	73.0	1/2	5.17	131.4	3.66	92.9	3.14	79.8
FNW7006Z0300	3	88.9	1/2	5.84	148.4	3.96	100.7	3.45	87.6
FNW7006Z0400	4	114.3	1/2	7.69	195.4	5.28	134.0	4.72	119.9

Catalog Number	Pipe Size		E		F		Bolt Size	Design Load		Weight
	in.	mm	in.	mm	in.	mm		Lbs.	kN	Lbs.
FNW7006Z0050	1/2	21.3	2.50	63.50	0.30	7.6	1/4	150	0.67	0.09
FNW7006Z0075	3/4	26.7	2.50	63.60	0.55	13.6	1/4	150	0.67	0.10
FNW7006Z0100	1	33.4	2.50	63.60	0.55	13.6	1/4	250	1.11	0.11
FNW7006Z0125	1-1/4	42.2	2.50	63.60	0.78	19.9	1/4	250	1.11	0.20
FNW7006Z0150	1-1/2	48.3	2.50	63.60	1.12	28.5	1/4	250	1.11	0.25
FNW7006Z0200	2	60.3	2.50	63.60	1.21	30.7	1/4	250	1.11	0.31
FNW7006Z0250	2-1/2	73.0	2.50	63.60	1.19	27.6	3/8	350	1.56	0.51
FNW7006Z0300	3	88.9	2.50	63.60	1.11	28.2	3/8	350	1.56	0.59
FNW7006Z0400	4	114.3	2.50	63.60	1.88	47.8	3/8	400	1.78	1.00

FIGURE 7008 - Adjustable Clevis Hangers for Copper Tube

Finish: Epoxy Plated
 Color: Copper
 MSS SP-58, Type 1
 Federal Specification WW-H-171, Type 1

- A - Rod size (hanger rod and nuts not included)
 B - Bottom of pipe to top of hanger
 C - Center of pipe to top of hanger
 D - Rod take out (center of pipe to bottom of hanger rod)
 E - Minimum thread length of hanger rod
 F - Adjustment, top of cross bolt to bottom of hanger rod nut inside hanger



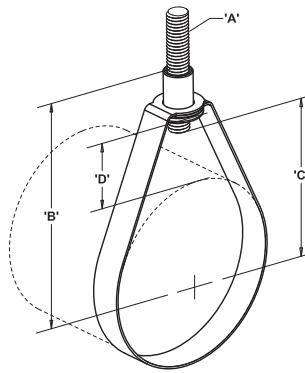
Catalog Number	Pipe Size		A (Rod size)	B		C		D	
	in.	mm		in.	mm	in.	mm	in.	mm
FNW7008EC0050	1/2	15.9	3/8"-16	1-3/4	45.00	1-7/16	36.20	3/8	9.20
FNW7008EC0075	3/4	22.2	3/8"-16	2	51.40	1-1/2	39.40	1/2	12.40
FNW7008EC0100	1	28.6	3/8"-16	2-7/16	61.70	1-7/8	46.55	3/4	19.55
FNW7008EC0125	1-1/4	34.9	3/8"-16	2-3/4	71.10	2-1/16	52.55	1	25.55
FNW7008EC0150	1-1/2	41.3	3/8"-16	3-3/16	82.00	2-3/8	60.30	1-1/8	27.80
FNW7008EC0200	2	54.1	3/8"-16	4-1/16	102.70	2-15/16	74.65	1-5/8	42.15
FNW7008EC0250	2-1/2	66.7	1/2"-13	5-3/16	131.37	3-7/8	96.77	2-5/16	57.52
FNW7008EC0300	3	79.4	1/2"-13	5-5/8	142.47	4	101.52	2-7/16	62.27
FNW7008EC0400	4	104.8	1/2"-13	6-1/2	166.27	4-7/16	112.37	2-7/8	72.62
FNW7008EC0500	5	130.2	1/2"-13	9-1/8	231.17	6-1/2	164.42	4-1/2	116.02
FNW7008EC0600	6	155.6	5/8"-11	11-1/16	281.07	7-15/16	201.32	6	152.92

Catalog Number	Pipe Size		E		F		Bolt Size	Design Load		Weight
	in.	mm	in.	mm	in.	mm		Lbs.	kN	Lbs.
FNW7008EC0050	1/2	15.9	2-1/2	63.5	7/16	11.1	1/4-20UNC	150	0.67	0.09
FNW7008EC0075	3/4	22.2	2-1/2	63.5	1/2	12.7	1/4-20UNC	250	1.11	0.10
FNW7008EC0100	1	28.6	2-1/2	63.5	5/8	15.9	1/4-20UNC	250	1.11	0.13
FNW7008EC0125	1-1/4	34.9	2-1/2	63.5	7/8	22.2	1/4-20UNC	250	1.11	0.15
FNW7008EC0150	1-1/2	41.3	2-1/2	63.5	1-3/16	30.2	1/4-20UNC	250	1.11	0.18
FNW7008EC0200	2	54.1	2-1/2	63.5	1-5/8	41.3	1/4-20UNC	250	1.11	0.21
FNW7008EC0250	2-1/2	66.7	2-1/2	63.5	2	50.8	5/16-18UNC	350	1.56	0.51
FNW7008EC0300	3	79.4	2-1/2	63.5	2	50.8	5/16-18UNC	350	1.56	0.57
FNW7008EC0400	4	104.8	2-1/2	63.5	2	50.8	5/16-18UNC	400	1.78	0.70
FNW7008EC0500	5	130.2	2-1/2	63.5	2	50.8	3/8-16UNC	550	2.45	1.50
FNW7008EC0600	6	155.6	3	76.2	2	50.8	3/8-16UNC	500	2.23	1.80

FIGURE 7010E - Adjustable Swivel Ring Hangers

UL Approved - Sizes 1/2" to 8"
FM Approved - Sizes 3/4" to 8"

Finish: Epoxy Plated
Color: Zinc
MSS SP-58, Type 10
Federal Specification WW-H-171, Type 10
NFPA 13



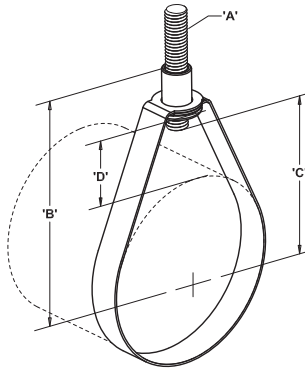
A - Rod size (hanger rod not included)
B - Center of pipe to top of knured hanger rod nut
C - Rod take out (center of pipe to bottom of hanger rod)
D - Top of pipe to bottom of hanger rod nut

Catalog Number	Pipe Size		A (Rod size)	B		C		D		Design Load		Weight
	in.	mm		in.	mm	in.	mm	in.	mm	Lbs.	kN	
FNW7010EP0050	1/2	21.3	3/8-16UNC	2-7/32	56.36	25/32	19.8	7/8	22.2	300	1.33	0.09
FNW7010EP0075	3/4	26.7	3/8-16UNC	2-7/16	61.91	1-1/32	26.2	1-3/32	27.8	300	1.33	0.09
FNW7010EP0100	1	33.4	3/8-16UNC	2-5/8	66.68	1-7/32	31.0	1-3/16	30.2	300	1.33	0.10
FNW7010EP0125	1-1/4	42.2	3/8-16UNC	2-25/32	70.64	1-3/8	34.9	1-5/32	29.4	300	1.33	0.11
FNW7010EP0150	1-1/2	48.3	3/8-16UNC	2-7/8	73.03	1-7/16	36.5	1-3/32	27.8	300	1.33	0.12
FNW7010EP0200	2	60.3	3/8-16UNC	3-1/32	76.99	1-19/32	40.5	1-1/32	26.2	300	1.33	0.13
FNW7010EP0250	2-1/2	73	3/8-16UNC	3-31/32	100.81	2-9/16	65.1	1-23/32	43.7	525	4.45	0.29
FNW7010EP0300	3	88.9	3/8-16UNC	4-15/32	113.51	3-1/16	77.8	1-15/16	49.2	525	4.45	0.33
FNW7010EP0350	3-1/2	101.6	3/8-16UNC	4-15/16	125.41	3-17/32	89.7	2-1/8	54.0	585	4.45	0.37
FNW7010EP0400	4	114.3	3/8-16UNC	5-9/32	134.14	3-27/32	97.6	2-3/16	55.6	650	4.89	0.39
FNW7010EP0500	5	141.3	1/2-13UNC	5-31/32	151.61	4-7/16	112.7	2-1/4	57.2	1000	4.89	0.53
FNW7010EP0600	6	168.3	1/2-13UNC	7	177.80	5-1/2	139.7	2-3/4	69.9	1000	5.56	0.72
FNW7010EP0800	8	219.1	1/2-13UNC	7-31/32	202.41	6-7/16	163.5	2-23/32	69.1	1000	5.56	1.04

FIGURE 7010Z - Adjustable Swivel Ring Hangers

FM Approved - Sizes 3/4" to 8"
UL Approved - Sizes 1/2" to 8"

Finish: Plated
Color: Zinc
MSS SP-58, Type 10
Federal Specification WW-H-171, Type 10
NFPA 13



A - Rod size (hanger rod not included)
B - Center of pipe to top of knured hanger rod nut
C - Rod take out (center of pipe to bottom of hanger rod)
D - Top of pipe to bottom of hanger rod nut

Catalog Number	Pipe Size		A (Rod size)	B		C		D		Design Load		Weight
	in.	mm		in.	mm	in.	mm	in.	mm	Lbs.	kN	
FNW7010Z0050	1/2	21.3	3/8	2.32	59	1.34	34	1.06	27	500	2.220	0.09
FNW7010Z0075	3/4	26.7	3/8	2.56	65	1.57	40	1.18	30	500	2.220	0.09
FNW7010Z0100	1	33.4	3/8	2.64	67	1.65	42	1.14	29	500	2.220	0.10
FNW7010Z0125	1-1/4	42.2	3/8	2.72	69	1.73	44	1.06	27	500	2.220	0.10
FNW7010Z0150	1-1/2	48.3	3/8	2.87	73	1.89	48	1.10	28	500	2.220	0.11
FNW7010Z0200	2	60.3	3/8	3.07	78	2.08	53	1.06	27	500	2.220	0.12
FNW7010Z0250	2-1/2	73	3/8	3.39	86	2.40	61	1.06	27	1000	4.440	0.26
FNW7010Z0300	3	88.9	3/8	3.90	99	2.91	74	1.30	33	1000	4.440	0.29
FNW7010Z0350	3-1/2	101.6	3/8	4.09	104	3.11	79	1.26	32	1000	4.440	0.32
FNW7010Z0400	4	114.3	3/8	4.60	117	3.62	92	1.50	38	1000	4.440	0.35
FNW7010Z0500	5	141.3	1/2	5.43	138	4.17	106	1.57	40	1900	8.450	0.52
FNW7010Z0600	6	168.3	1/2	6.34	161	5.08	129	1.97	50	1900	8.450	0.61
FNW7010Z0800	8	219.1	1/2	7.99	203	6.73	171	2.63	67	1900	8.450	0.77

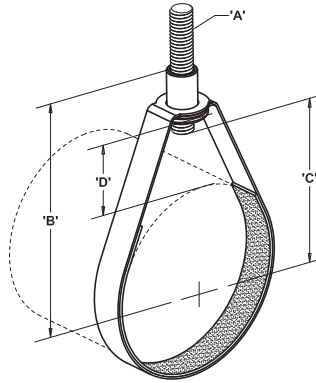
FIGURE 7012 - Felt Lined Adjustable Swivel Ring Hangers



UL Approved - Sizes 1/2" to 4"
FM Approved - Sizes 3/4" to 4"
NFPA Rod - Sizes 1/2" to 4" *

Finish: Epoxy Plated
Color: Zinc
MSS SP-58, Type 10
Federal Specification WW-H-171, Type 10
NFPA 13

*** Note: For 2-1/2" to 4" hangers with NFPA rod sizes, use figure number 7012N**

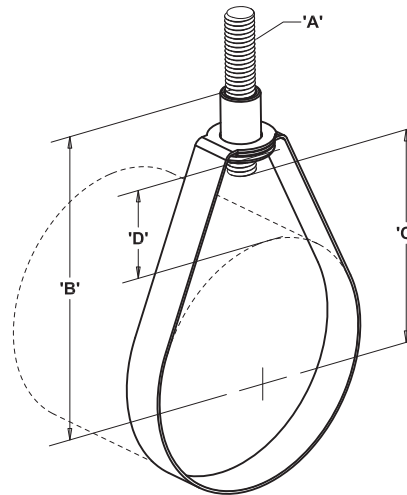


A - Rod size (hanger rod not included)
B - Center of pipe to top of knurled hanger rod nut
C - Rod take out (center of pipe to bottom of hanger rod)
D - Top of pipe to bottom of hanger rod nut

Catalog Number	Pipe Size		A (Rod size)	B		C		D		Design Load		Weight
	in.	mm		in.	mm	in.	mm	in.	mm	Lbs.	kN	Lbs.
FNW7012EP0050	1/2	21.3	3/8-16UNC	2-7/32	56.36	25/32	19.8	7/8	22.2	300	1.33	0.089
FNW7012EP0075	3/4	26.6	3/8-16UNC	2-7/16	61.91	1-1/32	26.2	1-3/32	27.8	300	1.33	0.095
FNW7012EP0100	1	33.4	3/8-16UNC	2-5/8	66.68	1-7/32	31.0	1-3/16	30.2	300	1.33	0.100
FNW7012EP0125	1-1/4	42.1	3/8-16UNC	2-25/32	70.64	1-3/8	34.9	1-5/32	29.4	300	1.33	0.112
FNW7012EP0150	1-1/2	48.2	3/8-16UNC	2-7/8	73.03	1-7/16	36.5	1-3/32	27.8	300	1.33	0.121
FNW7012EP0200	2	60.3	3/8-16UNC	3-1/32	76.99	1-19/32	40.5	1-1/32	26.2	300	1.33	0.130
FNW7012EP0250	2-1/2	73	1/2-13UNC	3-31/32	100.81	2-9/16	65.1	1-23/32	43.7	1000	2.34	0.323
FNW7012EP0300	3	88.9	1/2-13UNC	4-15/32	113.51	3-1/16	77.8	1-15/16	49.2	1000	2.34	0.359
FNW7012EP0400	4	114.3	5/8-11UNC	5-9/32	134.14	3-27/32	97.6	2-3/16	55.6	1100	2.89	0.474
FNW7012NEP0250*	2-1/2	73	3/8-16UNC	3-31/32	100.81	2-9/16	65.1	1-23/32	43.7	525	2.34	0.323
FNW7012NEP0300*	3	88.9	3/8-16UNC	4-15/32	113.51	3-1/16	77.8	1-15/16	49.2	525	2.34	0.359
FNW7012NEP0400*	4	114.3	3/8-16UNC	5-9/32	134.14	3-27/32	97.6	2-3/16	55.6	650	2.89	0.474

FIGURE 7015 - Adjustable Swivel Ring Hangers for Copper Tube

Finish: Epoxy Plated
 Color: Copper
 MSS SP-58, Type 10
 Federal Specification WW-H-171, Type 10



- A - Rod size (hanger rod not included)
 B - Center of pipe to top of knurled hanger rod nut
 C - Rod take out (center of pipe to bottom of hanger rod)
 D - Top of pipe to bottom of hanger rod nut

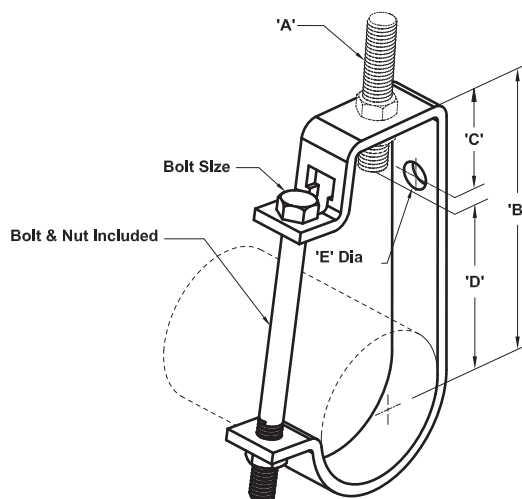
Catalog Number	Pipe Size		A (Rod Size)	B		C		D	
	in.	mm		in.	mm	in.	mm	in.	mm
FNW7015EC0050	1/2	16.00	3/8-16UNC	2-1/4	57.2	13/16	20.6	15/16	23.8
FNW7015EC0075	3/4	22.35	3/8-16UNC	2-1/2	63.5	1-3/32	27.8	1-3/16	30.2
FNW7015EC0100	1	28.70	3/8-16UNC	2-17/32	64.3	1-1/8	28.6	1-5/32	29.4
FNW7015EC0125	1-1/4	35.05	3/8-16UNC	2-1/2	63.5	1-3/32	27.8	31/32	24.6
FNW7015EC0150	1-1/2	41.40	3/8-16UNC	2-27/32	72.2	1-7/16	36.5	1-3/16	30.2
FNW7015EC0200	2	54.10	3/8-16UNC	2-27/32	72.2	1-13/32	35.7	29/32	23.0
FNW7015EC0250	2-1/2	66.68	3/8-16UNC	3	76.2	1-19/32	40.5	27/32	21.4
FNW7015EC0300	3	79.38	1/2-13UNC	3-15/16	100.0	2-13/32	61.1	1-13/32	35.7
FNW7015EC0400	4	104.78	1/2-13UNC	4-3/4	120.7	3-7/32	81.8	1-3/4	44.5
FNW7015EC0500	5	130.18	5/8-11UNC	5-25/32	146.8	4-3/16	106.4	2-1/4	57.2
FNW7015EC0600	6	155.58	5/8-11UNC	6-3/16	157.2	4-5/8	117.5	2-5/32	54.8

Catalog Number	Pipe Size		Design Load		Weight
	in.	mm	Lbs.	kN	Lbs.
FNW7015EC0050	1/2	16.00	300	1.33	0.09
FNW7015EC0075	3/4	22.35	300	1.33	0.10
FNW7015EC0100	1	28.70	300	1.33	0.10
FNW7015EC0125	1-1/4	35.05	300	1.33	0.10
FNW7015EC0150	1-1/2	41.40	300	1.33	0.11
FNW7015EC0200	2	54.10	300	1.33	0.11
FNW7015EC0250	2-1/2	66.68	525	2.34	0.13
FNW7015EC0300	3	79.38	525	2.34	0.31
FNW7015EC0400	4	104.78	650	2.89	0.38
FNW7015EC0500	5	130.18	1000	4.45	0.53
FNW7015EC0600	6	155.58	1000	4.45	0.78

FNW701XRNC	3/8 RIVET NUT F/ LOOP HGR
FNW701XRND	1/2 RIVET NUT F/ LOOP HGR
FNW701XRNE	5/8 RIVET NUT F/ LOOP HGR

FIGURE 7025 - Adjustable “J” Hangers

Finish: Epoxy Plated
Color: Zinc
MSS SP-58, Type 5



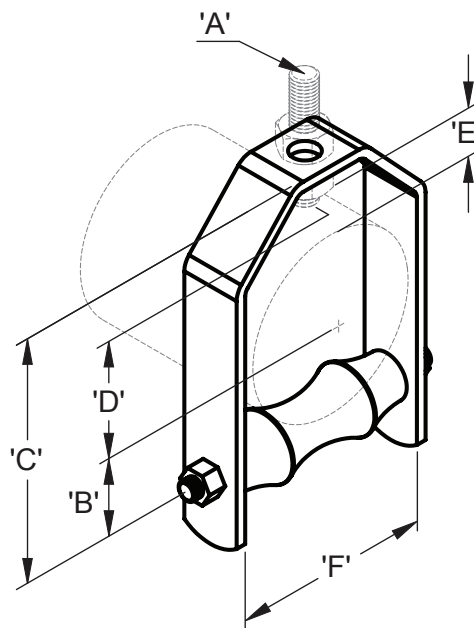
A - Rod size (hanger rod and nuts not included)
B - Center of pipe to top of hanger
C - Rod take out (center of pipe to bottom of hanger rod)

Catalog Number	Pipe Size		Bolt Size	A (Rod Size)	B		C	
	in.	mm			in.	mm	in.	mm
FNW7025EP0050	1/2	21.3	1/4-20UNC x 2-1/4	3/8-16UNC	1-27/32	46.8	7/8	22.2
FNW7025EP0075	3/4	26.7	1/4-20UNC x 2-1/4	3/8-16UNC	2-1/4	57.2	7/8	22.2
FNW7025EP0100	1	33.4	1/4-20UNC x 2-1/2	3/8-16UNC	2-7/32	56.4	31/32	24.6
FNW7025EP0125	1-1/4	42.2	1/4-20UNC x 2-3/4	3/8-16UNC	2-19/32	65.9	31/32	24.6
FNW7025EP0150	1-1/2	48.3	1/4-20UNC x 3	3/8-16UNC	2-7/16	61.9	1-7/32	31.0
FNW7025EP0200	2	60.3	1/4-20UNC x 3-1/2	3/8-16UNC	2-21/32	67.5	1-7/32	31.0
FNW7025EP0250	2-1/2	73.0	3/8-16UNC x 4-1/2	1/2-13UNC	3-1/16	77.8	1-31/32	50.0
FNW7025EP0300	3	88.9	3/8-16UNC x 5	1/2-13UNC	3-9/32	83.3	1-31/32	50.0
FNW7025EP0400	4	114.3	3/8-16UNC x 6-1/4	5/8-11UNC	3-25/32	96.0	1-31/32	50.0
FNW7025EP0500	5	141.3	3/8-16UNC x 8-1/4	5/8-11UNC	3-1/2	88.9	1-3/16	30.2
FNW7025EP0600	6	168.3	3/8-16UNC x 9-3/4	3/4-10UNC	4-5/16	109.5	1-9/16	39.7
FNW7025EP0800	8	219.1	3/8-16UNC x 11	3/4-10UNC	4-31/32	126.2	1-31/32	50.0

Catalog Number	Pipe Size		D		E		Design Load		Weight
	in.	mm	in.	mm	in.	mm	Lbs.	kN	Lbs.
FNW7025EP0050	1/2	21.3	1-1/16	27.0	13/32	10.3	400	1.78	0.14
FNW7025EP0075	3/4	26.7	1-15/32	37.3	13/32	10.3	400	1.78	0.16
FNW7025EP0100	1	33.4	1-7/16	36.5	13/32	10.3	400	1.78	0.18
FNW7025EP0125	1-1/4	42.2	1-13/16	46.0	13/32	10.3	400	1.78	0.21
FNW7025EP0150	1-1/2	48.3	1-21/32	42.1	13/32	10.3	400	1.78	0.21
FNW7025EP0200	2	60.3	1-7/8	47.6	13/32	10.3	400	1.78	0.23
FNW7025EP0250	2-1/2	73.0	2-9/32	57.9	9/16	14.3	800	3.56	0.40
FNW7025EP0300	3	88.9	2-1/2	63.5	9/16	14.3	800	3.56	0.47
FNW7025EP0400	4	114.3	3	76.2	9/16	14.3	800	3.56	0.73
FNW7025EP0500	5	141.3	2-17/32	63.9	9/16	14.3	800	3.56	1.15
FNW7025EP0600	6	168.3	3-11/32	84.5	9/16	14.3	1000	4.45	2.14
FNW7025EP0800	8	219.1	4	101.2	9/16	14.3	1200	5.34	2.71

FIGURE 7901 - Steel Yoke Roller Hanger

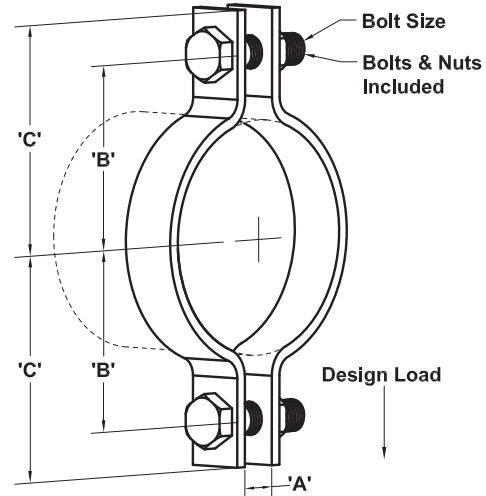
- Epoxy Plated Yoke
- Carbon Steel Yoke, Axle and Nuts
- Cast Iron Roller
- Design: MSS SP-58 Type 43 Federal Specification WW-H-17E Type 44
- Selection & Application: MSS SP-69 Type 43



Catalog Number	Pipe Size		A (Rod Size)	B		C		D		E		F	
	in.	mm		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
FNW7901EP0300	3	88.9	1/2"-13	2-3/16	55.56	6-7/8	174.63	3-1/2	88.90	2-1/16	52.39	3-7/8	98.43
FNW7901EP0400	4	114.3	5/8"-11	2-13/16	71.44	7-5/8	193.68	3-5/8	92.08	1-5/8	41.28	4-7/8	123.83
FNW7901EP0500	5	141.3	5/8"-11	3-3/8	85.73	9-1/8	231.78	4-9/16	115.89	2	50.80	5-7/8	149.23
FNW7901EP0600	6	168.2	3/4"-10	4	101.60	10-5/16	261.94	4-15/16	125.41	2	50.80	7	177.80
FNW7901EP0800	8	219.1	7/8"-9	5-1/16	128.59	12-11/16	322.26	5-15/16	150.81	2	50.80	9	228.60
FNW7901EP1000	10	273.1	7/8"-9	6-1/4	158.75	15	381.00	7-1/16	179.39	2-1/16	52.39	11-1/8	282.58
FNW7901EP1200	12	323.9	7/8"-9	7-3/8	187.33	17	431.80	8-3/8	212.73	1-7/8	47.63	13-3/8	339.73

FIGURE 7020 - Medium Split Horizontal Pipe Clamps


UL Approved - Sizes 3/4" to 8"

 Finish: Epoxy Plated
 Color: Zinc
 MSS SP-58, Type 4
 Federal Specification WW-H-171, Type 4

 A - Center of pipe to center of bolt
 B - Center of pipe to end of clamp

Catalog Number	Pipe Size		Bolt Size	A		B	
	in.	mm		in.	mm	in.	mm
FNW7020EP0050	1/2	21.3	5/16-18UNC	13/32	10.6	1-1/32	26.2
FNW7020EP0075	3/4	26.7	5/16-18UNC	15/32	12.0	1-3/32	27.8
FNW7020EP0100	1	33.4	5/16-18UNC	15/32	12.2	1-11/32	34.1
FNW7020EP0125	1-1/4	42.2	5/16-18UNC	15/32	12.2	1-7/16	36.5
FNW7020EP0150	1-1/2	48.3	5/16-18UNC	15/32	12.2	1-5/8	41.3
FNW7020EP0200	2	60.3	1/2-13UNC	21/32	16.4	2-1/8	54.0
FNW7020EP0250	2-1/2	73.0	1/2-13UNC	5/8	16.0	2-5/8	66.7
FNW7020EP0300	3	88.9	1/2-13UNC	23/32	18.0	3-1/32	77.0
FNW7020EP0350	3-1/2	101.6	1/2-13UNC	23/32	18.6	3-1/4	82.6
FNW7020EP0400	4	114.3	5/8-11UNC	3/4	19.4	3-9/16	90.5
FNW7020EP0500	5	141.3	5/8-11UNC	3/4	19.4	4-19/32	116.7
FNW7020EP0600	6	168.3	3/4-10UNC	23/32	18.2	4-15/16	125.4
FNW7020EP0800	8	219.1	3/4-10UNC	15/16	24.0	6-3/16	157.2
FNW7020EP1000	10	273.1	7/8-9UNC	1-1/4	32.0	7-19/32	192.9
FNW7020EP1200	12	323.9	7/8-9UNC	1-7/16	36.8	8-9/16	217.5

Catalog Number	Pipe Size		C		Design Load		Weight
	in.	mm	in.	mm	Lbs.	kN	Lbs.
FNW7020EP0050	1/2	21.3	1-17/32	38.9	500	2.2	0.33
FNW7020EP0075	3/4	26.7	1-19/32	40.5	500	2.2	0.34
FNW7020EP0100	1	33.4	1-7/8	47.6	500	2.2	0.40
FNW7020EP0125	1-1/4	42.2	1-15/16	49.2	500	2.2	0.42
FNW7020EP0150	1-1/2	48.3	2-1/8	54.0	800	3.6	0.46
FNW7020EP0200	2	60.3	2-23/32	69.1	1040	4.6	0.90
FNW7020EP0250	2-1/2	73.0	3-1/4	82.6	1040	4.6	1.05
FNW7020EP0300	3	88.9	3-21/32	92.9	1040	4.6	1.18
FNW7020EP0350	3-1/2	101.6	3-27/32	97.6	1040	4.6	1.25
FNW7020EP0400	4	114.3	4-15/32	113.5	1040	4.6	1.91
FNW7020EP0500	5	141.3	5-15/32	138.9	1040	4.6	2.29
FNW7020EP0600	6	168.3	5-13/16	147.6	1615	7.2	5.30
FNW7020EP0800	8	219.1	7-1/16	179.4	1615	7.2	6.36
FNW7020EP1000	10	273.1	8-23/32	221.5	2400	10.7	13.53
FNW7020EP1200	12	323.9	9-23/32	246.9	2400	10.7	14.93

FIGURE 7022E - Riser Clamps

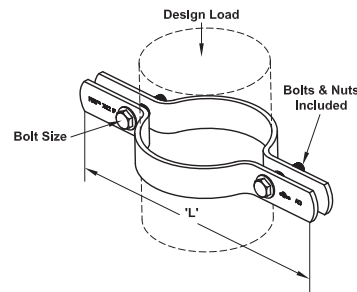
UL Approved - Sizes 1/2" to 8"

Finish: Epoxy Plated

Color: Zinc

MSS SP-58, Type 8

Federal Specification WW-H-171, Type 8



Catalog Number	Pipe Size		L		Bolt Size	Design Load		Torque Value	Weight
	in.	mm	in.	mm		Lbs.	kN		
FNW7022EP0050	1/2	21.3	8-1/2	215.9	3/8-16UNC	220	0.98	25 ft.lbs	0.65
FNW7022EP0075	3/4	26.7	9	228.5	3/8-16UNC	220	0.98	25 ft.lbs	0.71
FNW7022EP0100	1	33.4	9-1/16	230	3/8-16UNC	220	0.98	25 ft.lbs	0.73
FNW7022EP0125	1-1/4	42.2	9-1/2	241.3	3/8-16UNC	250	1.11	25 ft.lbs	0.77
FNW7022EP0150	1-1/2	48.3	9-9/10	251.5	3/8-16UNC	250	1.11	25 ft.lbs	0.81
FNW7022EP0200	2	60.3	10-3/10	261.6	3/8-16UNC	300	1.33	25 ft.lbs	1.44
FNW7022EP0250	2-1/2	73	11-1/16	281	3/8-16UNC	400	1.78	25 ft.lbs	1.56
FNW7022EP0300	3	88.9	11-3/4	298.5	3/8-16UNC	500	2.22	25 ft.lbs	1.79
FNW7022EP0400	4	114.3	12-15/16	328.6	1/2-13UNC	750	3.33	55 ft.lbs	3.05
FNW7022EP0500	5	141.3	14-1/4	362	1/2-13UNC	1500	6.67	55 ft.lbs	3.41
FNW7022EP0600	6	168.3	15-1/2	393.7	1/2-13UNC	1600	7.11	55 ft.lbs	4.78
FNW7022EP0800	8	219.1	18-1/4	463.5	5/8-11UNC	2500	11.12	80 ft.lbs	9.23
FNW7022EP1000	10	273	20-1/10	510.5	5/8-11UNC	2500	11.12	80 ft.lbs	10.39
FNW7022EP1200	12	323.8	22-3/8	568.3	5/8-11UNC	2700	12.01	80 ft.lbs	16.09

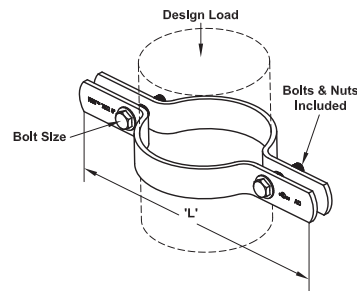
FIGURE 7022P - Riser Clamps

Finish: Plain

Color: Black

MSS SP-58, Type 8

Federal Specification WW-H-171, Type 8

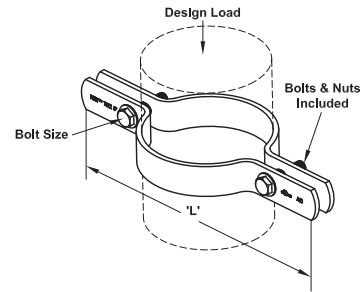


Catalog Number	Pipe Size		L		Bolt Size	Design Load		Torque Value	Weight
	in.	mm	in.	mm		Lbs.	kN		
FNW7022P0050	1/2	21.3	8.50	216	3/8 x 30	220	0.98	33 1/4	1.03
FNW7022P0075	3/4	26.7	8.78	223	3/8 x 30	220	0.98	33 1/4	1.07
FNW7022P0100	1	33.4	9.02	229	3/8 x 30	220	0.98	33 1/4	1.11
FNW7022P0125	1-1/4	42.2	9.45	240	3/8 x 30	250	1.12	33 1/4	1.17
FNW7022P0150	1-1/2	48.3	9.84	250	3/8 x 30	250	1.12	33 1/4	1.21
FNW7022P0200	2	60.3	10.23	260	3/8 x 30	300	1.34	33 1/4	1.50
FNW7022P0250	2-1/2	73	11.02	280	3/8 x 30	400	1.78	33 1/4	2.10
FNW7022P0300	3	88.9	11.81	300	3/8 x 30	500	2.23	33 1/4	2.23
FNW7022P0400	4	114.3	12.99	330	1/2 x 40	750	3.34	58 1/8	3.45
FNW7022P0500	5	141.3	14.48	368	1/2 x 40	1500	6.68	58 1/8	3.90
FNW7022P0600	6	168.3	15.98	406	1/2 x 40	1600	7.12	58 1/8	4.33
FNW7022P0800	8	219.1	18.27	464	5/8 x 50	2500	11.2	145 1/8	9.95
FNW7022P1000	10	273	20.63	524	5/8 x 50	2500	11.2	145 1/8	11.48
FNW7022P1200	12	323.8	22.44	570	5/8 x 50	2700	12	145 1/8	16.53

FIGURE 7022Z - Riser Clamps


UL Approved - Sizes 1/2" to 8"

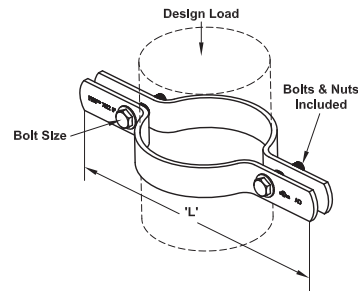
Finish: Plated
Color: Zinc
MSS SP-58, Type 8
Federal Specification WW-H-171, Type 8



Catalog Number	Pipe Size		L		Bolt Size	Design Load		Torque Value	Weight
	in.	mm	in.	mm		Lbs.	kN		
FNW7022Z0050	1/2	21.3	8.50	216	3/8 x 30	220	0.98	33-45	1.03
FNW7022Z0075	3/4	26.7	8.78	223	3/8 x 30	220	0.98	33-45	1.07
FNW7022Z0100	1	33.4	9.02	229	3/8 x 30	220	0.98	33-45	1.11
FNW7022Z0125	1-1/4	42.2	9.45	240	3/8 x 30	250	1.12	33-45	1.17
FNW7022Z0150	1-1/2	48.3	9.84	250	3/8 x 30	250	1.12	33-45	1.21
FNW7022Z0200	2	60.3	10.23	260	3/8 x 30	300	1.34	33-45	1.50
FNW7022Z0250	2-1/2	73	11.02	280	3/8 x 30	400	1.78	33-45	2.10
FNW7022Z0300	3	88.9	11.81	300	3/8 x 30	500	2.23	33-45	2.23
FNW7022Z0400	4	114.3	12.99	330	1/2 x 40	750	3.34	58-78	3.45
FNW7022Z0500	5	141.3	14.48	368	1/2 x 40	1500	6.68	58-78	3.90
FNW7022Z0600	6	168.3	15.98	406	1/2 x 40	1600	7.12	58-78	4.33
FNW7022Z0800	8	219.1	18.27	464	5/8 x 50	2500	11.2	145-193	9.95
FNW7022Z1000	10	273	20.63	524	5/8 x 50	2500	11.2	145-193	11.48
FNW7022Z1200	12	323.8	22.44	570	5/8 x 50	2700	12	145-193	16.53

FIGURE 7022S - Riser Clamps

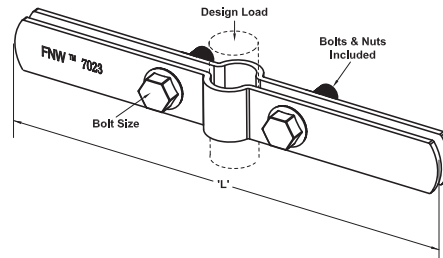
Finish: 304 Stainless Steel
MSS SP-58, Type 1
Federal Specification WW-H-171, Type 1
riser clamp body : ASTM A240
bolt , nut : SS304



Catalog Number	Pipe Size		L		Bolt Size	Design Load		Torque Value	Weight
	in.	mm	in.	mm		Lbs.	kN		
FNW7022S0050	1/2	21.3	8-1/2	215.9	3/8-16UNC	220	0.98	25 ft.lbs	0.65
FNW7022S0075	3/4	26.7	9	228.5	3/8-16UNC	220	0.98	25 ft.lbs	0.71
FNW7022S0100	1	33.4	9-1/16	230	3/8-16UNC	220	0.98	25 ft.lbs	0.73
FNW7022S0125	1-1/4	42.2	9-1/2	241.3	3/8-16UNC	250	1.11	25 ft.lbs	0.77
FNW7022S0150	1-1/2	48.3	9-9/10	251.5	3/8-16UNC	250	1.11	25 ft.lbs	0.81
FNW7022S0200	2	60.3	10-3/10	261.6	3/8-16UNC	250	1.33	25 ft.lbs	1.44
FNW7022S0250	2-1/2	73	11-1/16	281	3/8-16UNC	300	1.78	25 ft.lbs	1.56
FNW7022S0300	3	88.9	11-3/4	298.5	3/8-16UNC	400	2.22	25 ft.lbs	1.79
FNW7022S0400	4	114.3	12-15/16	328.6	1/2-13UNC	500	3.33	55 ft.lbs	3.05
FNW7022S0500	5	141.3	14-1/4	362	1/2-13UNC	750	6.67	55 ft.lbs	3.41
FNW7022S0600	6	168.3	15-1/2	393.7	1/2-13UNC	1500	7.11	55 ft.lbs	4.78
FNW7022S0800	8	219.1	18-1/4	463.5	5/8-11UNC	1600	11.12	80 ft.lbs	9.23
FNW7022S1000	10	273	20-1/10	510.5	5/8-11UNC	2500	11.12	80 ft.lbs	10.39
FNW7022S1200	12	323.8	22-3/8	568.3	5/8-11UNC	2700	12.01	80 ft.lbs	16.09

FIGURE 7023 - Riser Clamps for Copper Tube

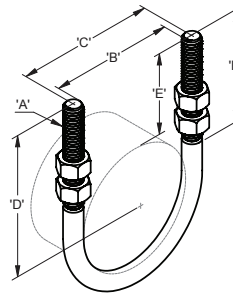
Finish: Epoxy Plated
 Color: Copper
 MSS SP-58, Type 8
 Federal Specification WW-H-171, Type 8



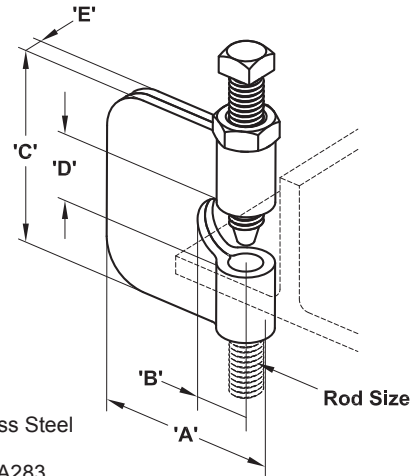
Catalog Number	Pipe Size		L		Bolt Size	Design Load		Torque Value	Weight Lbs.
	in.	mm	in.	mm		Lbs.	kN		
FNW7023EC0050	1/2	15.9	8-1/2	216.5	3/8-16UNC	75	0.33	25 ft.lbs	0.68
FNW7023EC0075	3/4	22.2	9-1/4	235.5	3/8-16UNC	75	0.33	25 ft.lbs	0.75
FNW7023EC0100	1	28.6	9-5/16	237.0	3/8-16UNC	120	0.53	25 ft.lbs	0.86
FNW7023EC0125	1-1/4	34.9	9-1/2	241.0	3/8-16UNC	150	0.67	25 ft.lbs	1.16
FNW7023EC0150	1-1/2	41.3	9-5/8	245.0	3/8-16UNC	150	0.67	25 ft.lbs	1.18
FNW7023EC0200	2	54.1	10-7/16	265.0	3/8-16UNC	150	0.67	25 ft.lbs	1.30
FNW7023EC0250	2-1/2	66.7	11-3/16	284.5	3/8-16UNC	300	1.34	25 ft.lbs	1.38
FNW7023EC0300	3	79.4	12	304.0	3/8-16UNC	300	1.34	25 ft.lbs	1.49
FNW7023EC0400	4	104.8	12-1/2	318.0	3/8-16UNC	300	1.34	25 ft.lbs	1.61
FNW7023EC0600	6	155.6	15-1/8	385.0	1/2-13UNC	600	2.67	55 ft.lbs	5.27

FIGURE 7610 - Standard U-Bolt w/4 Hex Nuts

- Includes 4 Finished Hex Nuts
- Available In:
 - Plain Carbon Steel
 - Zinc Coated Carbon Steel
 - 304 Stainless Steel
- Design: MSS SP-58 Type 24 Federal Specification WW-H-17E Type 24
- Selection & Application: MSS SP-69 Type 24



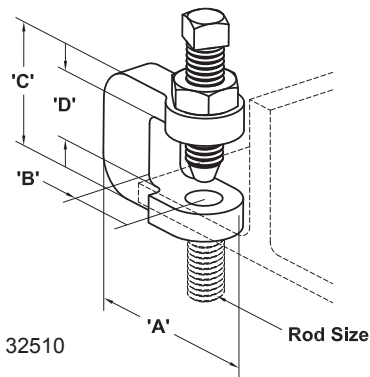
Pipe Size		A (Thread Size)	B		C		D		E		F		Weight Lbs.
in.	mm		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	
1/2	21.3	1/4"-20	15/16	23.8	1-3/16	30.2	2-3/4	69.8	2-5/16	58.7	2-1/8	54.0	0.86
3/4	26.6	1/4"-20	1-1/8	28.6	1-3/8	34.9	2-3/4	69.8	2-7/32	56.3	2-1/8	54.0	0.95
1	33.4	1/4"-20	1-3/8	34.9	1-5/8	41.3	2-3/4	69.8	2-3/32	53.2	2-1/8	54.0	1.01
1-1/4	42.1	3/8"-16	1-11/16	42.9	2-3/32	53.2	2-7/8	73.0	2-1/32	51.6	2-1/8	54.0	2.66
1-1/2	48.2	3/8"-16	2	50.8	2-3/8	60.3	3	76.2	2-1/16	52.4	2-1/2	63.5	2.75
2	60.3	3/8"-16	2-7/16	61.9	2-13/16	71.4	3-1/4	82.5	2-1/16	52.4	2-1/2	63.5	3.10
2-1/2	73.0	1/2"-13	2-15/16	74.6	3-7/16	87.3	3-3/4	95.2	2-5/16	58.7	3	76.2	7.04
3	88.9	1/2"-13	3-9/16	90.5	4-1/16	103.2	4	101.6	2-1/4	57.1	3	76.2	7.59
4	114.3	1/2"-13	4-9/16	115.9	5-1/16	128.6	4-1/2	114.3	2-1/4	57.1	3	76.2	8.78
5	141.3	1/2"-13	5-21/32	143.6	6-5/32	156.3	5	127.0	2-7/32	56.3	3	76.2	9.83
6	168.2	5/8"-11	6-3/4	171.4	7-3/8	187.3	6-1/8	155.6	2-13/16	71.4	3-3/4	95.2	19.14
8	219.1	5/8"-11	8-3/4	222.2	9-3/8	238.1	7-1/8	181.0	2-13/16	71.4	3-3/4	95.2	22.68
10	273.1	3/4"-10	10-7/8	276.2	11-5/8	295.3	8-3/8	212.7	3	76.2	4	101.6	39.75
12	323.9	7/8"-9	12-7/8	327.0	13-3/4	349.2	9-5/8	244.5	3-1/4	82.5	4-1/4	107.9	66.10
14	355.6	7/8"-9	14-1/8	358.8	15	381.0	10-1/4	260.3	3-1/4	82.5	4-1/4	107.9	70.18
16	406.4	7/8"-9	16-1/8	409.6	17	431.8	11-1/4	285.7	3-1/4	82.5	4-1/4	107.9	75.35
18	457.2	1"-8	18-1/8	460.4	19-1/8	485.8	12-5/8	320.7	3-5/8	92.1	4-3/4	120.6	134.4
20	508.0	1"-8	20-1/8	511.2	21-1/8	536.6	13-5/8	346.1	3-5/8	92.1	4-3/4	120.6	121.8
24	609.6	1"-8	24-1/8	612.8	25-1/8	638.2	15-5/8	396.9	3-5/8	92.1	4-3/4	120.6	168.7

FIGURE 7201 - Steel Beam C-Clamp


Finish: Plain or Stainless Steel
MSS SP-58, type 23
Material: Steel, ASTM A283
Hanger rod not included

Catalog Number	Finish	A	B	C	D	E
FNW7201PC	Plain	2.13"	0.88"	2.38"	0.75"	0.25"
FNW7201SC	Stainless Steel	2.17"	0.85"	2.38"	0.75"	0.22"

Rod Size	Finish	Max. Load	Wt. (Oz.)
3/8"-16	Plain	400 Lbs.	5.75
3/8"-16	Stainless	400 Lbs.	5.6

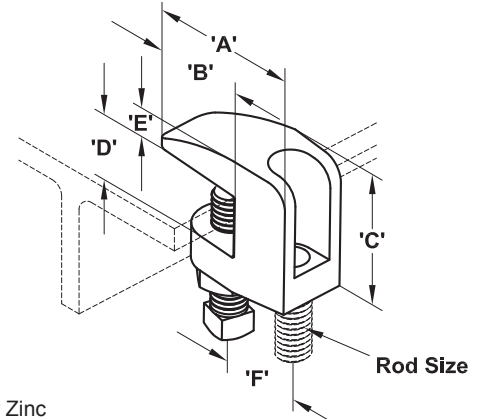
FIGURE 7202 - MI Beam C-Clamp


Finish: Plain or Zinc
Per: MSS SP-58, type 23
Material: Malleable Iron,
ASTM A47 Grade 32510
Hanger rod not included

Rod Size	A	B	C	D	Wt. (Oz.)
3/8"-16	1.75"	0.63"	1.75"	0.75"	3.60
1/2"-13	1.75"	0.63"	1.75"	0.75"	4.09
5/8"-11	2.00"	0.75"	2.00"	0.75"	8.54

Catalog Number	Finish	Rod Size	Max. Load (Lbs.)
FNW7202PC	Plain	3/8"-16	400
FNW7202ZC	Zinc	3/8"-16	400
FNW7202PD	Plain	1/2"-13	400
FNW7202ZD	Zinc	1/2"-13	400
FNW7202PE	Plain	5/8"-11	440

Note: Do not overtighten the set screw or the clamp can be damaged. The set screw should be finger tight, then given approximately an additional 1/4 to 1/3 turn. The recommended set screw torque is 5 ft-lbs (60 in-lbs).

FIGURE 7203 - Jr. Beam Clamp


Finish: Plain or Zinc
MSS SP-58, type 19
Material: Malleable Iron,
ASTM A47 Grade 32510

Hanger rod not included

Rod Size	A	B	C	D
*3/8"-16	1.88"	1.22"	1.56"	0.75"
1/2"-13	2.06"	1.20"	1.63"	0.75"
5/8"-11	2.19"	1.20"	1.75"	0.75"
3/4"-10	2.38"	1.20"	1.75"	0.75"

Rod Size	E	F	Wt. (Oz.)
*3/8"-16	0.41"	0.88"	4.94
1/2"-13	0.44"	0.97"	6.81
5/8"-11	0.50"	1.06"	9.17
3/4"-10	0.50"	1.06"	10.93

Catalog Number	Finish	Rod Size	Max. Load (Lbs.)
FNW7203PC	Plain	3/8"-16	400
FNW7203ZC	Zinc	3/8"-16	400
FNW7203PD	Plain	1/2"-13	500
FNW7203ZD	Zinc	1/2"-13	500
FNW7203PE	Plain	5/8"-11	600
FNW7203PF	Plain	3/4"-10	800

* 3/8" Universal Design - Allows for use in an upright and inverted position on the top and bottom flange of beam

Note: Do not overtighten the set screw or the clamp can be damaged. The set screw should be finger tight, then given approximately an additional 1/4 to 1/3 turn. The recommended set screw torque is 5 ft-lbs (60 in-lbs).

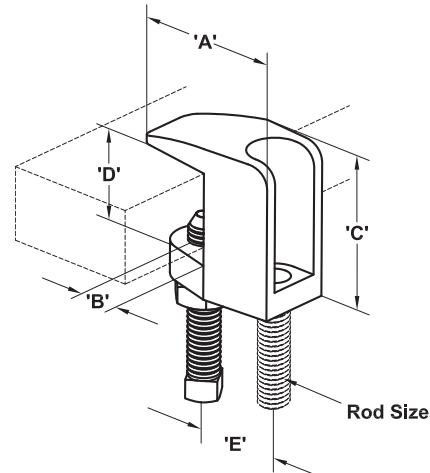
FIGURE 7204 - Wide Mouth Beam Clamp

Finish: Plain
 Per: MSS SP-58, type 19
 Material: Malleable Iron,
 ASTM A47 Grade 32510

Hanger rod not included

Rod Size	A	B	C	D	E	Wt. (Oz.)
3/8"-16	1.63"	0.50"	1.88"	1.25"	1.06"	7.65
1/2"-13	1.63"	0.50"	1.88"	1.25"	1.06"	7.65
5/8"-11	2.25"	0.75"	2.31"	1.25"	1.38"	11.25
3/4"-10	2.38"	0.75"	2.38"	1.25"	1.38"	14.11

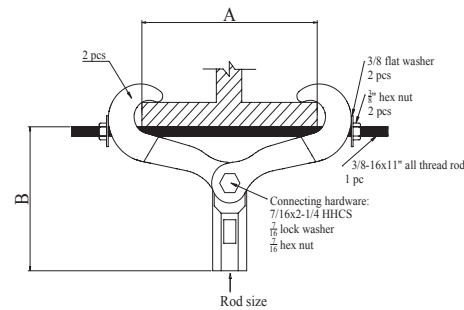
Catalog Number	Finish	Rod Size	Max. Load (Lbs.)
FNW7204PC	Plain	3/8"-16	400
FNW7204PD	Plain	1/2"-13	500
FNW7204PE	Plain	5/8"-11	850
FNW7204PF	Plain	3/4"-10	900



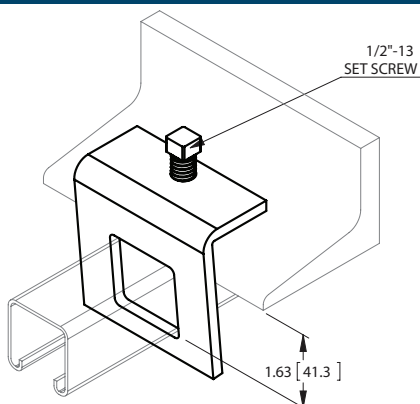
Note: Do not overtighten the set screw or the clamp can be damaged. The set screw should be finger tight, then given approximately an additional 1/4 to 1/3 turn. The recommended set screw torque is 5 ft-lbs (60 in-lbs).

FIGURE 7205 - Centerload Beam Clamp with Extension Piece

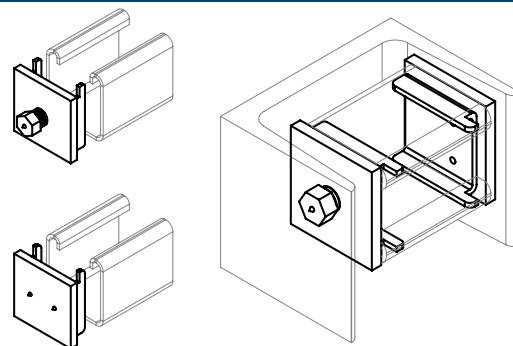
Finish: Plain
 Material: Malleable Iron, ASTM A47, Grade 32510
 MSS-SP58, Type -30



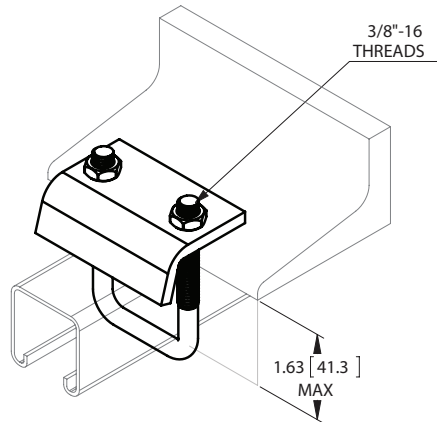
Catalog Number	Rod Size	A = 2-3/8	A = 3	A = 4	A = 5	A = 6	A = 7	Max Load	Weights
		B	B	B	B	B	B	Lbs	Oz.
FNW7205PC	3/8"	4-3/4	4-3/4	4-1/2	4-1/8	3-7/8	3-1/8	610	2.43
FNW7205PD	1/2"	4-7/8	4-3/4	4-3/4	4-1/4	4	3-1/4	1130	2.60
FNW7205PE	5/8"	4-9/16	4-7/8	4-3/4	4-3/8	4	3-5/16	1365	2.69
FNW7205PF	3/4"	5-3/16	5-1/8	5	4-5/8	4-1/4	3-9/16	1365	2.78
FNW7205P78	7/8"	5-1/4	5-1/4	5-1/16	4-3/4	4-3/8	3-5/8	1365	3.00

FIGURE 7801 - Window Strut to Beam Clamp

Design load 950 Lbs [4.23 kN] when used in pairs
 Catalog Number: FNW7801Z

FIGURE 7802 - Strut to Beam Spreader Caps

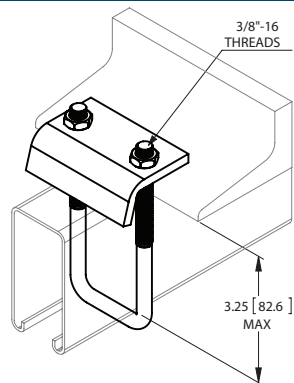
Includes 1 adjustable cap and 1 nonadjustable cap
 Cut strut length to opening minus 1" [25mm]
 Design load 500 Lbs [2.22 kN] when used as a set
 Catalog Number: FNW7802Z

FIGURE 7803 - Square U-Bolt to Beam Clamp


For 13/16" & 1-5/8" Channel

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

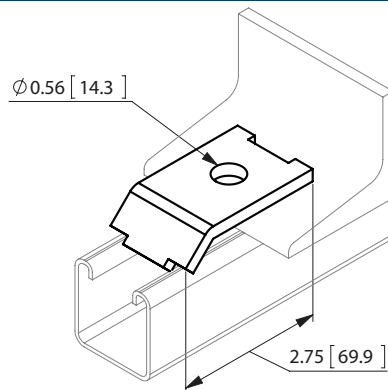
Catalog Number: FNW7803Z

FIGURE 7804 - Square U-Bolt Strut to Beam Clamp


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

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

Catalog Number: FNW7804Z

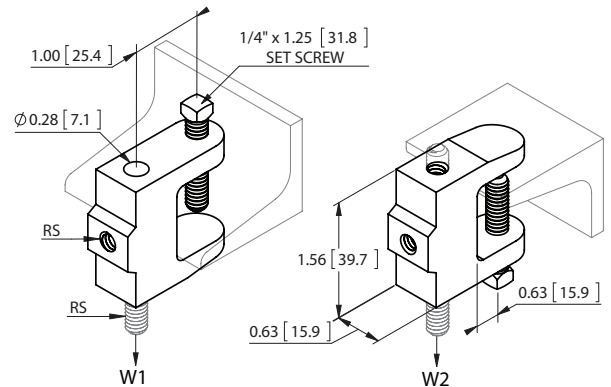
FIGURE 7805 - Notched Type Strut to Beam Clamp


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: FNW7805Z

FIGURE 7806 - Universal Beam Clamp


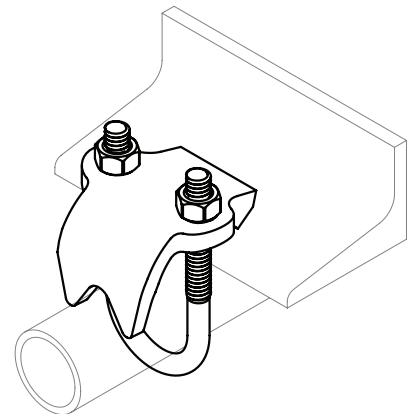
Finish: Zinc

Material: Malleable Iron

Hanger rod not included

Catalog Number	Rod Size (RS)	Max Load (W1)		Max Load (W2)	
		Lbs.	kN	Lbs.	kN
FNW7806Z	1/4"-20	100	0.44	250	1.11

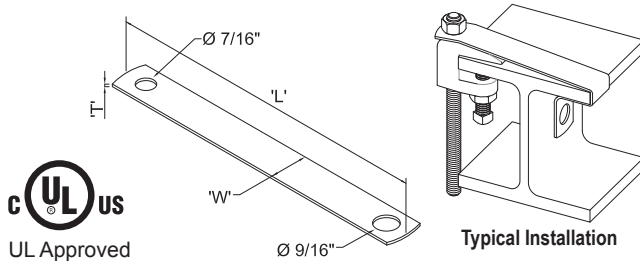
Note: The threaded hole on the back side of the clamp is note load rated.

FIGURE 7868 - Right Angle Clamp


Standard finish is hot dip galvanized

Catalog Number	Pipe Size	
	Inch	Metric
FNW7868Z0050	1/2	15
FNW7868Z0075	3/4	20
FNW7868Z0100	1	25
FNW7868Z0150	1-1/2	40
FNW7868Z0200	2	50

FIGURE 7250 - Beam Clamp Retaining Strap



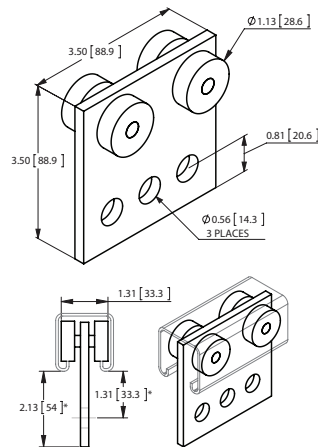
UL Approved

Finish: G90 Galvanized Coating

Material: Carbon Steel, ASTM A653 type B

Catalog Number	W	T	L
FNW7250Z0600	0.95"	16 ga.	8.00"
FNW7250Z0800	0.95"	16 ga.	10.00"
FNW7250Z1000	0.95"	16 ga.	12.00"
FNW7250Z1200	0.95"	16 ga.	14.00"
FNW7250Z1400	0.95"	16 ga.	16.00"

FIGURE 7865 - Roller Trolley 4-Bearing Assembly



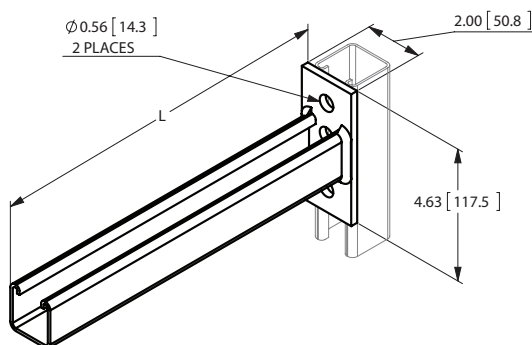
Stainless steel ball bearings

Max load rating of 600 lbs. [2.67 kN] with 12ga channel

* Based on standard dimensions for channel
Catalog Number: FNW7865Z4

Brackets / Pipe Supports

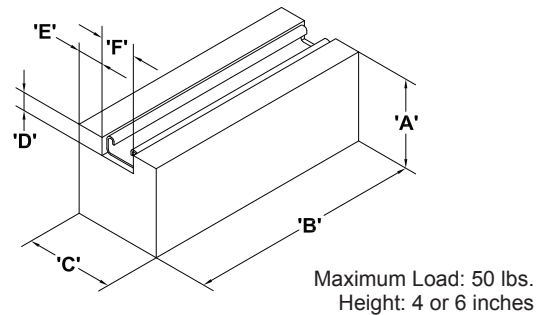
FIGURE 7811 - Bracket Channel 1-5/8" Channel 2-HL



Catalog Number	L		Uniform Load*	
	in.	mm	Lbs.	kN
FNW7811Z1200	12	304.8	570	3.34
FNW7811Z1800	18	457.2	500	2.22
FNW7811Z2400	24	609.6	350	1.56

* When mounted on 12 gauge channel

FIGURE 7701 - 50# Pipe Support



Components

Ethafoam® 400 plank - The closed-cell medium density black polyethylene foam. Ethafoam HS 45 has successfully passed MVSS 302 flammability testing and meets or exceeds the requirements for U.S. Federal Standard PPP-C-1752C, Type III. Ethafoam® is a registered trademark of Sealed Air Corporation (US).

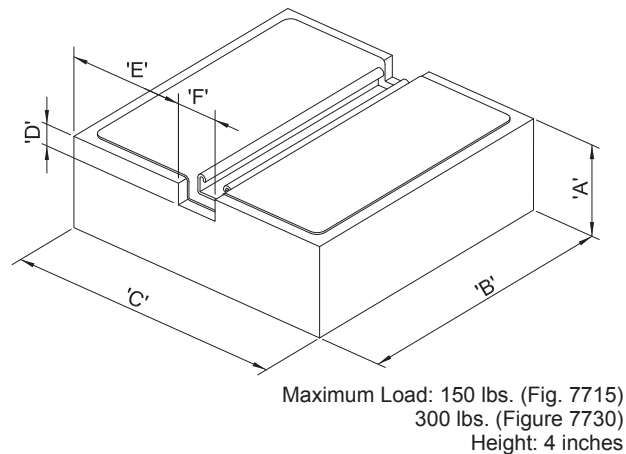
14 Gauge Strut Channel - Cold roll-formed carbon steel conforms to ASTM 570 GR 33 and ASTM A653.

Bondmaster Instaweld 34-3378 - Adhesive conforms to MS-CC926.

Catalog Number	A	B	C	D	E	F
FNW7701PP	4.00	10.50	4.00	0.8125	1.1875	1.625
FNW7701UP	6.00	10.50	4.00	0.8125	1.1875	1.625

Pipe Supports

FIGURE 7715 & 7730 - 150# & 300# Pipe Support



Components

Ethafoam® 400 plank - The closed-cell medium density black polyethylene foam. Ethafoam HS 45 has successfully passed MVSS 302 flammability testing and meets or exceeds the requirements for U.S. Federal Standard PPP-C-1752C, Type III. Ethafoam® is a registered trademark of Sealed Air Corporation (US).

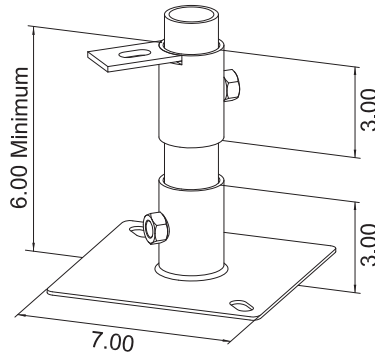
14 Gauge Strut Channel - Cold roll-formed carbon steel conforms to ASTM 570 GR 33 and ASTM A653.

14 Gauge Galva Neal Sheet Metal - Hot-dipped zinc coated treated to a harder surface than galvanizing alone.

Bondmaster Instaweld 34-3378 - Adhesive conforms to MS-CC926.

Catalog Number	A	B	C	D	E	F
FNW7715	4.00	12.00	12.00	1.01	5.16	1.63
FNW7730	4.00	21.50	12.00	1.01	5.16	1.63

FIGURE ELKITC - Elevation Kit for Pipe Supports



1-1/4" Schedule 40 Steel Pipe by Others

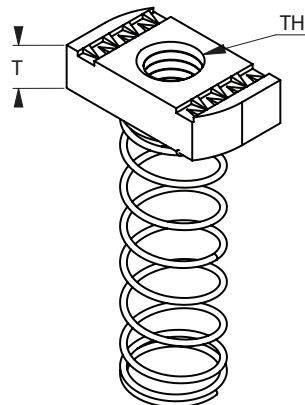
ELKITC Provides elevation to pipe support systems. Kit contains components for two posts using 1-1/4" schedule 40 steel pipe supplied by others. Minimum elevation is 6", or 10" when mounted on figure 7715 or 7730 pipe supports (sold separately) using included channel nuts. Kit components include:

- 2 Base Units
- 2 Vertical Mounts
- 10 1/2-13 x 3/4" Hex Bolts
- 6 1/2" Washers
- 4 1/2" Strut Nuts
- 2 1/2" Hex Nuts

Catalog Number
FNWELKITC

Channel Nuts

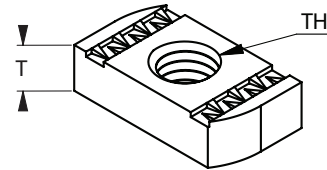
FIGURE 7818 - Long Spring Channel Nut



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

Catalog Number	TH	T	
		in.	mm
FNW7818Z0037	3/8"-16	0.37	9.4
FNW7818Z0050	1/2"-13	0.50	12.7

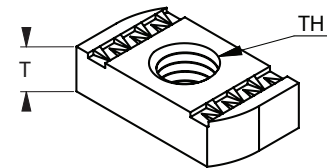
FIGURE 7819 - No Spring Channel Nut



For all channel sizes

Catalog Number	TH	T	
		in.	mm
FNW7819Z0025	1/4"-20	0.25	6.3
FNW7819Z0037 FNW7819S60037	3/8"-16	0.37	9.4
FNW7819Z0062	5/8"-11	0.37	9.4

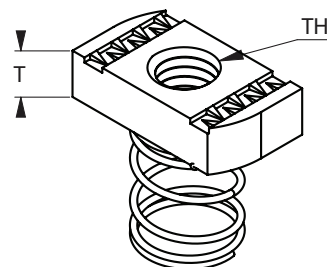
FIGURE 7820 - No Spring Channel Nut



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

Catalog Number	TH	T	
		in.	mm
FNW7820Z0050 FNW7820S60050	1/2"-13	0.50	12.7
FNW7820Z0062	5/8"-11	0.50	12.7
FNW7820Z0075	3/4"-10	0.50	12.7
FNW7820Z0087	7/8"-9	0.50	12.7

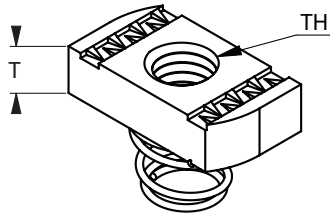
FIGURE 7821 - Regular Spring Channel Nut



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

Catalog Number	TH	T	
		in.	mm
FNW7821Z0025 FNW7821S60025	1/4"-20	0.25	6.3
FNW7821Z0037 FNW7821S60037	3/8"-16	0.37	9.4
FNW7821Z0050 FNW7821S60050	1/2"-13	0.50	12.7
FNW7821Z0062	5/8"-11	0.50	12.7
FNW7821Z0075	3/4"-10	0.50	12.7
FNW7821Z0087	7/8"-9	0.50	12.7

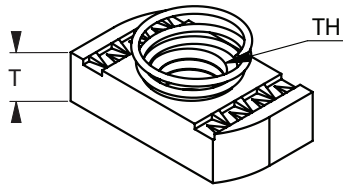
FIGURE 7822 - Short Spring Channel Nut



For 13/16" & 1" channel

Catalog Number	TH	T	
		in.	mm
FNW7822Z0037	3/8"-16	0.25	6.3

FIGURE 7824 - Top Spring Channel Nut



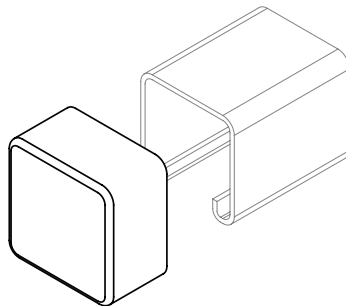
For all channel sizes except as noted

Catalog Number	TH	T	
		in.	mm
FNW7824Z0025	1/4"-20	0.25	6.3
FNW7824Z0037	3/8"-16	0.37	9.4
FNW7824Z0050*	1/2"-13	0.50	12.7

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

End Caps

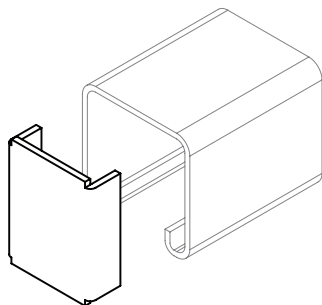
FIGURE 7830 - PVC Channel End Cap (1-5/8")



White PVC

Catalog Number: FNW7830W0162

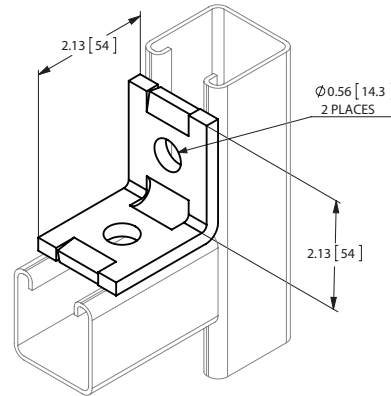
FIGURE 7831 - Channel End Cap (1-5/8")



End Cap 1-5/8" 12 Ga.

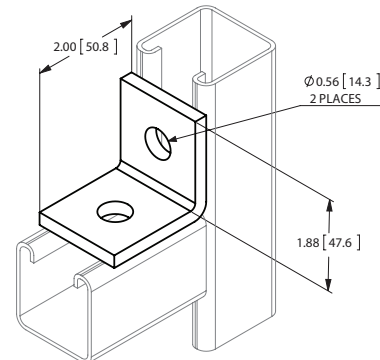
Catalog Number: FNW7831Z0162

FIGURE 7840 - No Twist 2-Hole Corner Angle Fitting

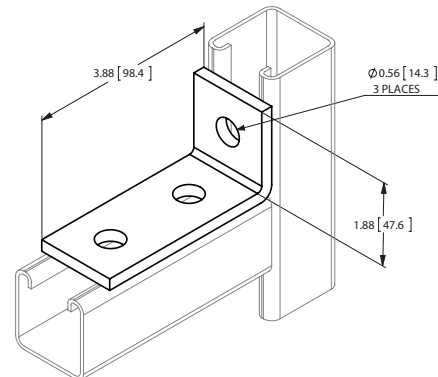


Catalog Number: FNW7840Z2

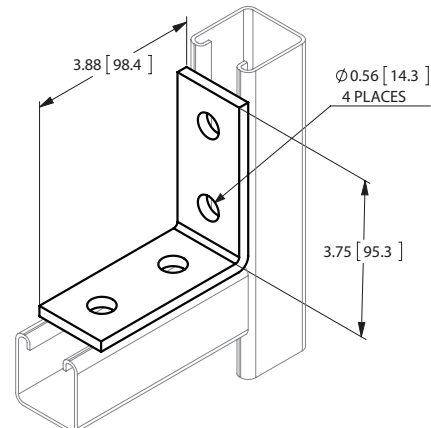
FIGURE 7841 - Corner Angle Fitting



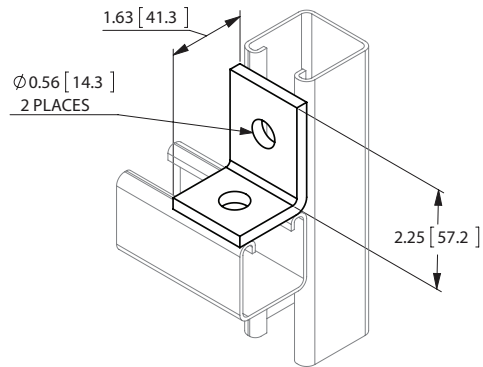
Catalog Number: FNW7841Z2
FNW7841S2



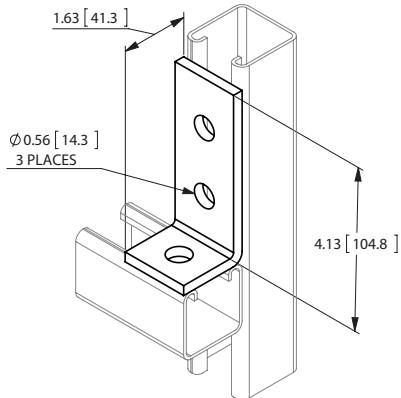
Catalog Number: FNW7841Z3



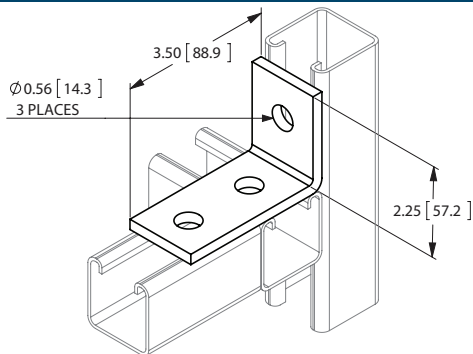
Catalog Number: FNW7841Z4
FNW7841S4

FIGURE 7842 - Cross Corner Angle Fitting


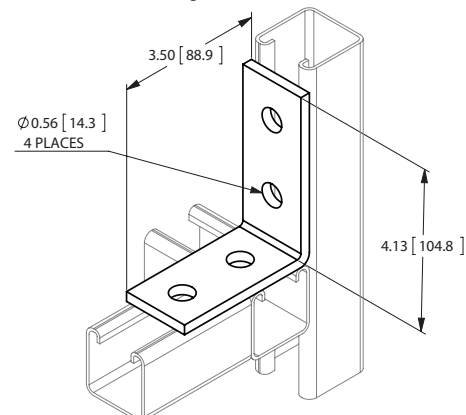
2-Hole Catalog Number: FNW7842Z2
FNW7842G2



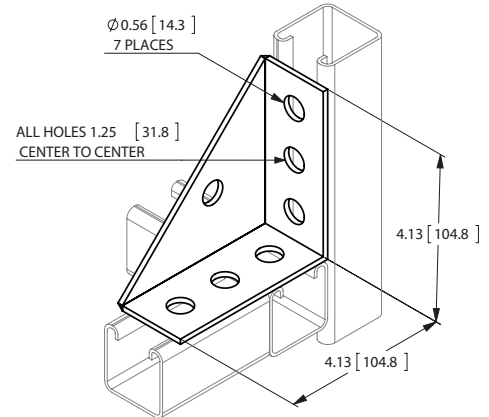
3-Hole Catalog Number: FNW7842Z3

FIGURE 7843 - 3-Way Cross Corner Angle Fitting


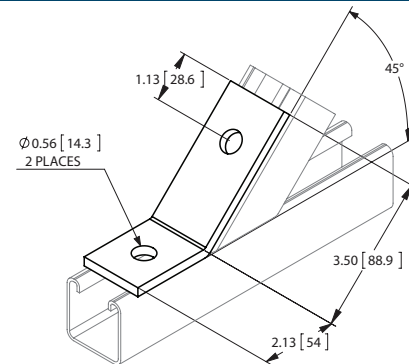
3-Hole Catalog Number: FNW7843Z3



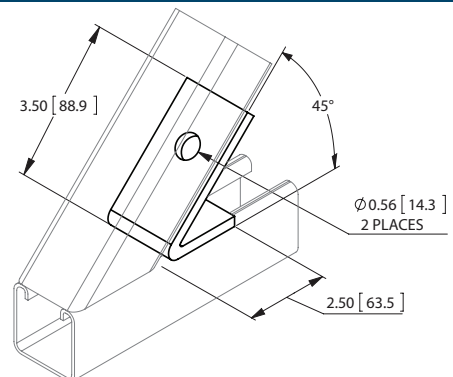
4-Hole Catalog Number: FNW7843Z4
FNW7843G4

FIGURE 7844 - 7-Hole Gusset Angle Fitting


Catalog Number: FNW7844Z7

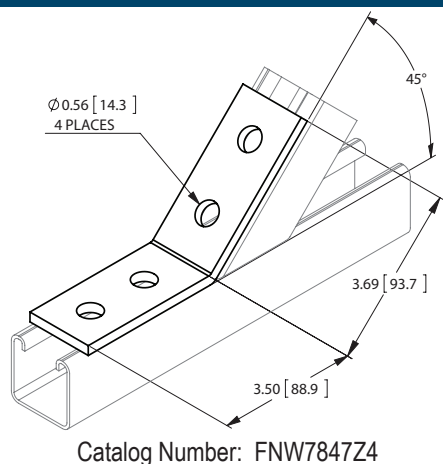
FIGURE 7845 - 2-Hole Open 45° Corner Angle Fitting


2-Hole Catalog Number: FNW7845Z2

FIGURE 7846 - 2-Hole Closed 45° Corner Angle


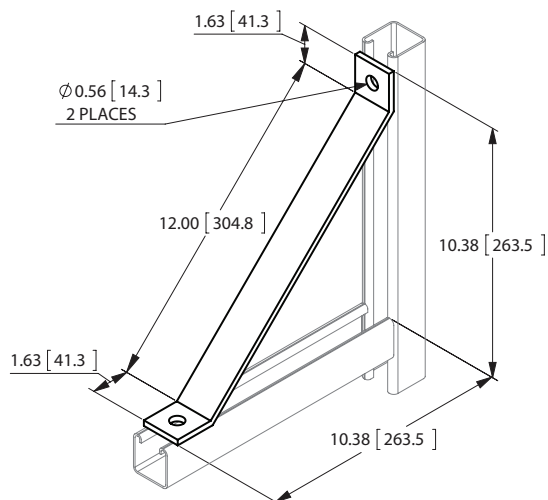
Catalog Number: FNW7846Z2

FIGURE 7847 - 4-Hole Open 45° Corner Angle Fitting

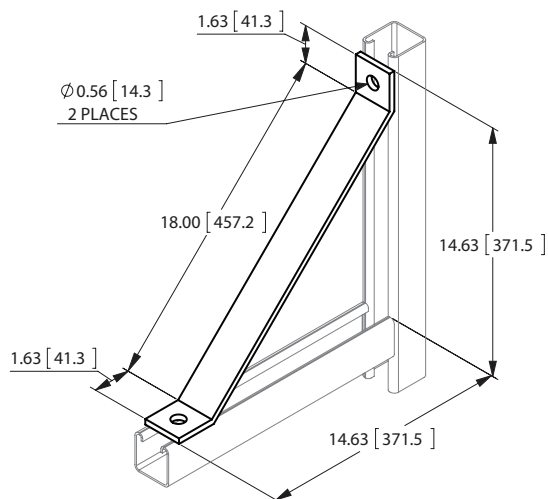


Catalog Number: FNW7847Z4

FIGURE 7848 - 2-Hole Angle Brace

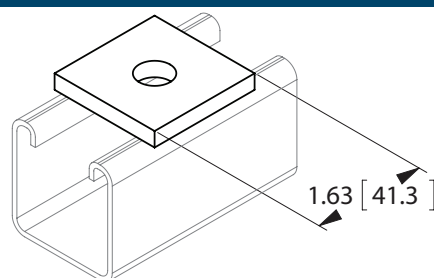


Catalog Number: FNW7848Z1200



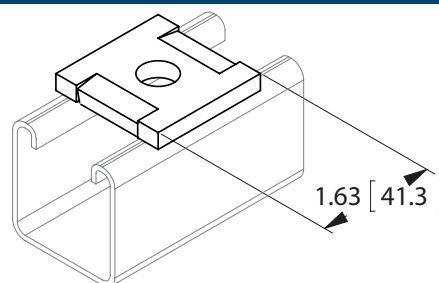
Catalog Number: FNW7848Z1800

FIGURE 7835 - Square Washer Flat Fitting

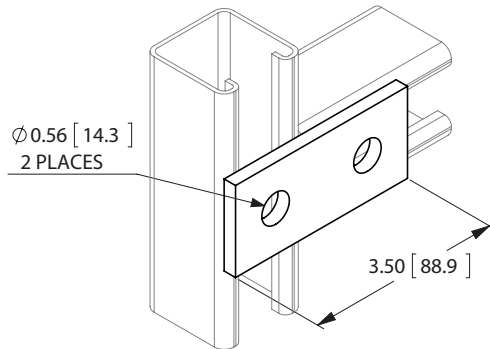


Catalog Number	Bolt Size		Hole Size	
	in.	mm	in.	mm
FNW7835Z0037 FNW7835G0037 FNW7835S0037	3/8	8	7/16	11.1
FNW7835Z0050 FNW7835G0050 FNW7835S0050	1/2	12	9/16	14.3
FNW7835Z0062 FNW7835G0062	5/8	16	11/16	17.5
FNW7835Z0075	3/4	20	13/16	20.6

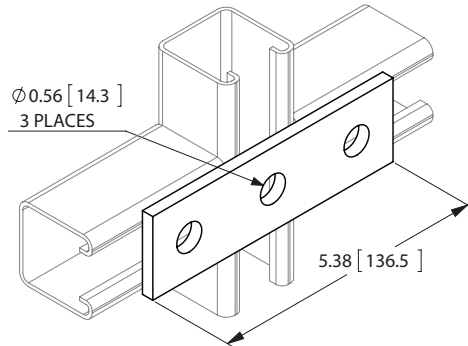
FIGURE 7836 - Notched Square Washer Flat Fitting



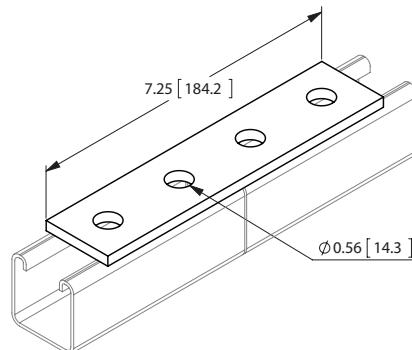
Catalog Number	Bolt Size	
	in.	mm
FNW7836Z0037 FNW7836G0037	3/8	8
FNW7836Z0050	1/2	12

FIGURE 7837 - Splice Plate Flat Fitting


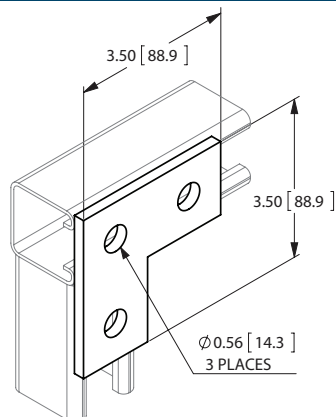
2-Hole Catalog Number: FNW7837Z2



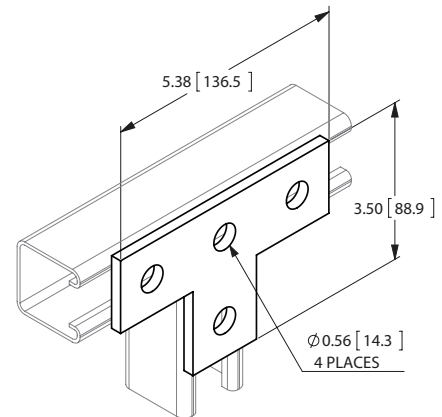
3-Hole Catalog Number: FNW7837Z3



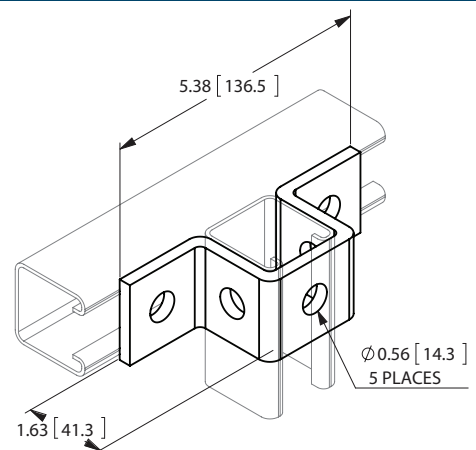
4-Hole Catalog Number: FNW7837Z4
FNW7837G4

FIGURE 7838 - 3-Hole Corner Plate Flat Fitting


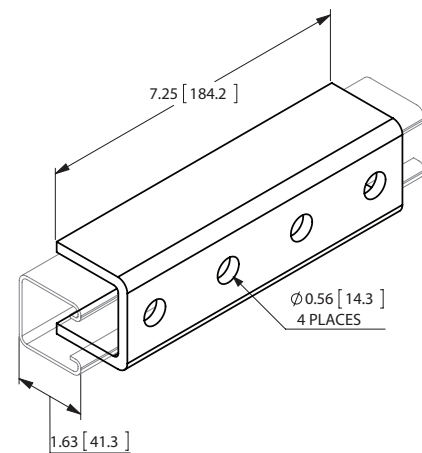
Catalog Number: FNW7838Z3
FNW7838G3

FIGURE 7839 - 4-Hole Tee Plate Flat Fitting


Catalog Number: FNW7839Z4
FNW7839G4

FIGURE 7891 - 5-Hole Cross U-Fitting


For 1-5/8" Channel
Catalog Number: FNW7891Z0162

FIGURE 7895 - 4-Hole Splice U-Fitting


For 1-5/8" Channel
Catalog Number: FNW7895Z4

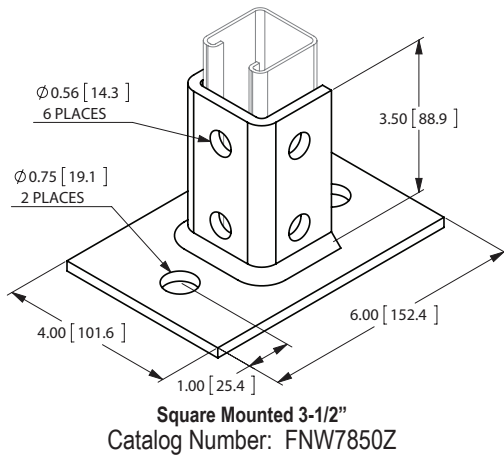
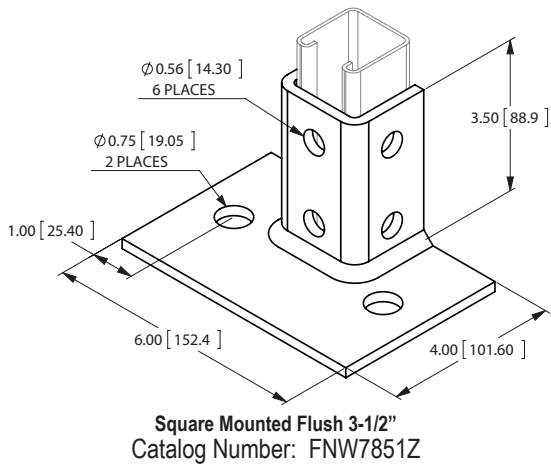
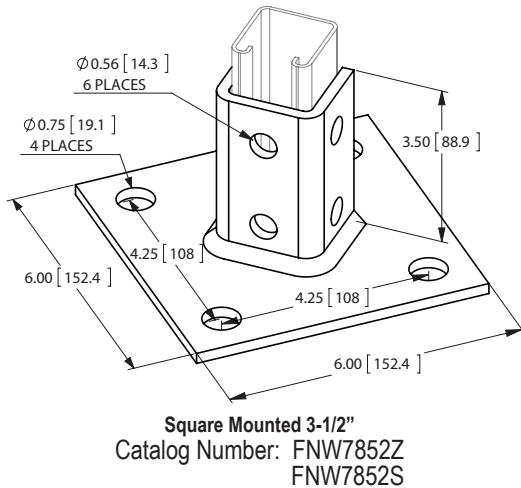
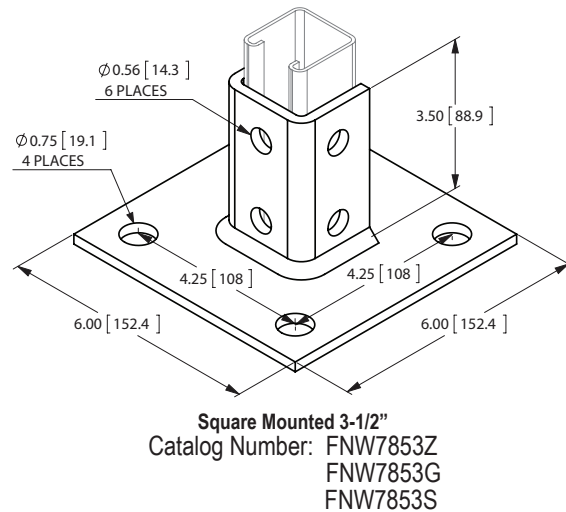
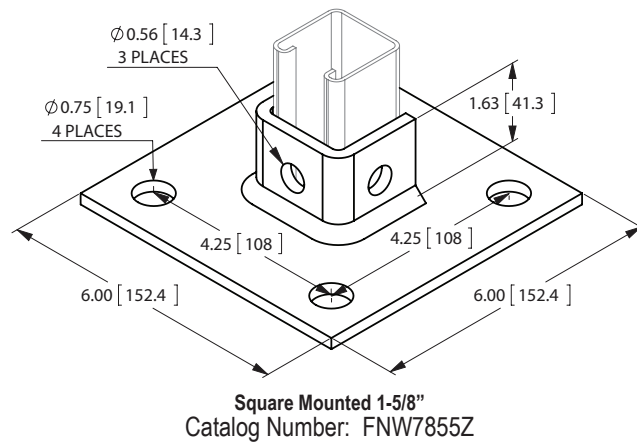
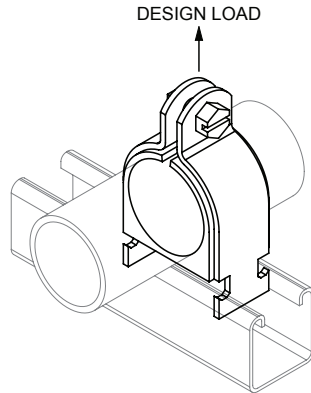
FIGURE 7850 - Single Channel 2-Hole Base**FIGURE 7851 - Single Channel 2-Hole Flush Base****FIGURE 7852 - Single Channel 4-Hole Standard****FIGURE 7853 - Single Channel 4-Hole Base (Tall)****FIGURE 7855 - Single Channel 4-Hole Base (Short)**

FIGURE 7815 - Cushioned Pipe Strut Clamp


Catalog Number	Pipe Size		O.D.		Design Load	
	in.	Metric	in.	mm	Lbs.	kN
FNW7815Y0050	1/2	15	0.840	21.3	330	1.48
FNW7815Y0075	3/4	20	1.050	26.7	330	1.48
FNW7815Y0100	1	25	1.315	33.4	330	1.48
FNW7815Y0125	1-1/4	32	1.660	42.2	730	3.26
FNW7815Y0150	1-1/2	40	1.900	48.3	730	3.26
FNW7815Y0200	2	50	2.375	60.3	730	3.26
FNW7815Y0250	2-1/2	65	2.875	73.0	730	3.26
FNW7815Y0300	3	80	3.500	88.9	1200	5.34
FNW7815Y0400	4	100	4.500	114.3	1200	5.34

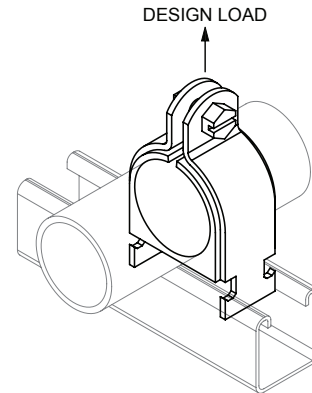
Cushion Information

Material: Thermoplastic Elastomer

Temperature Range: -50°F to 275°F

Hardness Shore "D": 46.0 avg. (per ASTM D-2240)

Dielectric Strength: 640 volts/mil.

FIGURE 7816 - Cushioned Tubing Strut Clamp


Catalog Number	Tubing O.D.			Design Load	
	in. (Fractions)	in. (Decimal)	mm	Lbs.	kN
FNW7816Y0025	1/4	0.250	6.4	330	1.48
FNW7816Y0037 FNW7816S0037	3/8	0.375	9.5	330	1.48
FNW7816Y0050 FNW7816S0050	1/2	0.500	12.7	330	1.48
FNW7816Y0062	5/8	0.625	15.9	330	1.48
FNW7816Y0075	3/4	0.750	19.0	330	1.48
FNW7816Y0087 FNW7816S0087	7/8	0.875	22.3	330	1.48
FNW7816Y0100	1	1.000	25.4	330	1.48
FNW7816Y0112	1-1/8	1.125	28.6	330	1.48
FNW7816Y0125	1-1/4	1.250	31.8	330	1.48
FNW7816Y0137	1-3/8	1.375	34.9	330	1.48
FNW7816Y0150	1-1/2	1.500	38.1	730	3.26
FNW7816Y0162	1-5/8	1.625	41.3	730	3.26
FNW7816Y0187	1-7/8	1.875	47.6	730	3.26
FNW7816Y0200	2	2.000	50.8	730	3.26
FNW7816Y0212	2-1/8	2.125	54.0	730	3.26
FNW7816Y0262	2-5/8	2.625	66.7	730	3.26
FNW7816Y0312	3-1/8	3.125	79.4	730	3.26
FNW7816Y0362	3-5/8	3.625	92.1	1200	5.34
FNW7816Y0412	4-1/8	4.125	104.8	1200	5.34

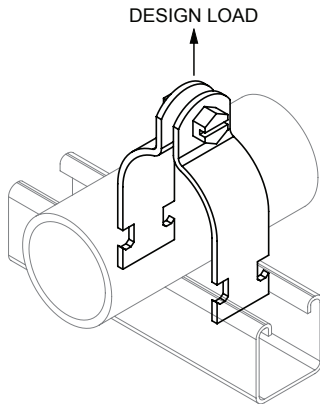
Cushion Information

Material: Thermoplastic Elastomer

Temperature Range: -50°F to 275°F

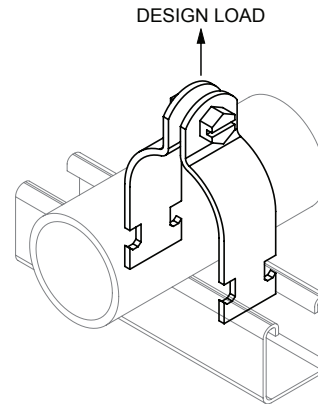
Hardness Shore "D": 46.0 avg. (per ASTM D-2240)

Dielectric Strength: 640 volts/mil.

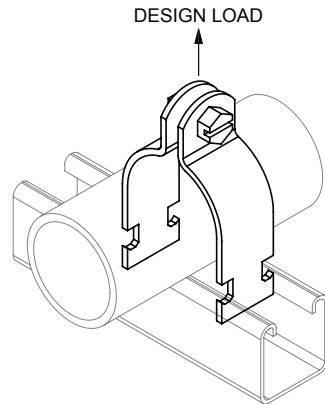
FIGURE 7870 - Copper Tubing Strut Clamp

Standard finish for figure 7870 is Copper Zinc Dichromate which has a copper color to identify product for use with copper tubing.

Catalog Number	Tubing Sizes		O.D.		Design Load	
	in.	Metric	in.	mm	Lbs.	kN
FNW7870C0025	1/4	6	0.375	9.5	400	1.78
FNW7870C0037	3/8	10	0.500	12.7	400	1.78
FNW7870C0050	1/2	15	0.625	15.9	400	1.78
FNW7870C0075	3/4	20	0.875	22.2	400	1.78
FNW7870C0100	1	25	1.125	28.6	600	2.67
FNW7870C0125	1-1/4	32	1.375	34.9	600	2.67
FNW7870C0150	1-1/2	40	1.625	41.3	600	2.67
FNW7870C0200	2	50	2.125	54.0	800	3.56
FNW7870C0250	2-1/2	65	2.625	66.7	800	3.56
FNW7870C0300	3	80	3.125	79.4	800	3.56
FNW7870C0350	3-1/2	90	3.625	92.1	1000	4.45
FNW7870C0400	4	100	4.125	104.8	1000	4.45
FNW7870C0500	5	125	5.125	130.2	1000	4.45
FNW7870C0600	6	150	6.125	155.6	1000	4.45

FIGURE 7871 - EMT Strut Clamp

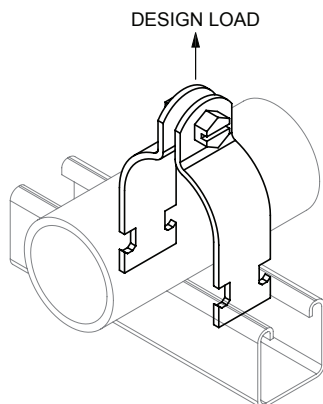
Catalog Number	EMT Sizes		O.D.		Design Load	
	in.	Metric	in.	mm	Lbs.	kN
FNW7871Z0050	1/2	15	0.706	17.9	400	1.78
FNW7871Z0075	3/4	20	0.922	23.4	400	1.78
FNW7871Z0125	1-1/4	32	1.510	38.4	600	2.67
FNW7871Z0150	1-1/2	40	1.740	44.2	800	3.56
FNW7871Z0200	2	50	2.197	55.8	800	3.56

FIGURE 7872 - O.D. Strut Clamp


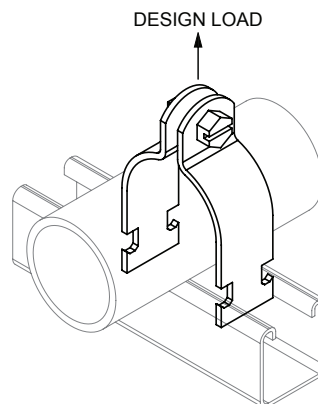
Catalog Number	Size (O.D.)			Design Load	
	in. (Fractions)	in. (Decimal)	mm	Lbs.	kN
FNW7872Z0025	1/4	0.250	6.4	400	1.78
FNW7872Z0037	3/8	0.375	9.5	400	1.78
FNW7872Z0050	1/2	0.500	12.7	400	1.78
FNW7872Z0062	5/8	0.625	15.9	400	1.78
FNW7872Z0075	3/4	0.750	19.0	400	1.78
FNW7872Z0087	7/8	0.875	22.3	400	1.78
FNW7872Z0100	1	1.000	25.4	600	2.67
FNW7872Z0112	1-1/8	1.125	28.6	600	2.67
FNW7872Z0125	1-1/4	1.250	31.8	600	2.67
FNW7872Z0137	1-3/8	1.375	34.9	600	2.67
FNW7872Z0150	1-1/2	1.500	38.1	600	2.67
FNW7872Z0162	1-5/8	1.625	41.3	600	2.67
FNW7872Z0175	1-3/4	1.750	44.5	800	3.56
FNW7872Z0187	1-7/8	1.875	47.6	800	3.56
FNW7872Z0200	2	2.000	50.8	800	3.56
FNW7872Z0212	2-1/8	2.125	54.0	800	3.56
FNW7872Z0225	2-1/4	2.250	57.2	800	3.56
FNW7872Z0237	2-3/8	2.375	60.3	800	3.56
FNW7872Z0250	2-1/2	2.500	63.5	800	3.56
FNW7872Z0262	2-5/8	2.625	66.7	800	3.56
FNW7872Z0275	2-3/4	2.750	69.9	800	3.56
FNW7872Z0287	2-7/8	2.875	73.0	800	3.56
FNW7872Z0300	3	3.000	76.2	800	3.56
FNW7872Z0312	3-1/8	3.125	79.4	800	3.56
FNW7872Z0325	3-1/4	3.250	82.6	800	3.56
FNW7872Z0337	3-3/8	3.375	85.7	800	3.56
FNW7872Z0350	3-1/2	3.500	88.9	800	3.56

FIGURE 7872 - O.D. Strut Clamp (continued)

Catalog Number	Size (O.D.)			Design Load	
	in. (Fractions)	in. (Decimal)	mm	Lbs.	kN
FNW7872Z0362	3-5/8	3.625	92.1	800	3.56
FNW7872Z0375	3-3/4	3.750	95.3	1000	4.45
FNW7872Z0387	3-7/8	3.875	98.4	1000	4.45
FNW7872Z0400	4	4.000	101.6	1000	4.45
FNW7872Z0412	4-1/8	4.125	104.8	1000	4.45
FNW7872Z0425	4-1/4	4.250	108.0	1000	4.45
FNW7872Z0437	4-3/8	4.375	111.1	1000	4.45
FNW7872Z0450	4-1/2	4.500	114.3	1000	4.45
FNW7872Z0462	4-5/8	4.625	117.5	1000	4.45
FNW7872Z0475	4-3/4	4.750	120.7	1000	4.45
FNW7872Z0487	4-7/8	4.875	123.8	1000	4.45
FNW7872Z0500	5	5.000	127.0	1000	4.45
FNW7872Z0512	5-1/8	5.125	130.2	1000	4.45
FNW7872Z0525	5-1/4	5.250	133.4	1000	4.45
FNW7872Z0537	5-3/8	5.375	136.5	1000	4.45
FNW7872Z0550	5-1/2	5.500	139.7	1000	4.45
FNW7872Z0562	5-5/8	5.625	142.9	1000	4.45
FNW7872Z0587	5-7/8	5.875	149.2	1000	4.45
FNW7872Z0600	6	6.000	152.4	1000	4.45
FNW7872Z0612	6-1/8	6.125	155.6	1000	4.45
FNW7872Z0637	6-3/8	6.375	161.9	1000	4.45
FNW7872Z0650	6-1/2	6.500	165.1	1000	4.45
FNW7872Z0662	6-5/8	6.625	168.3	1000	4.45
FNW7872Z0675	6-3/4	6.750	171.5	1000	4.45
FNW7872Z0750	7-1/2	7.500	190.5	1000	4.45
FNW7872Z0762	7-5/8	7.625	193.7	1000	4.45
FNW7872Z0775	7-3/4	7.750	196.9	1000	4.45
FNW7872Z0800	8	8.000	203.2	1000	4.45
FNW7872Z0837	8-3/8	8.375	212.7	1000	4.45
FNW7872Z0850	8-1/2	8.500	215.9	1000	4.45

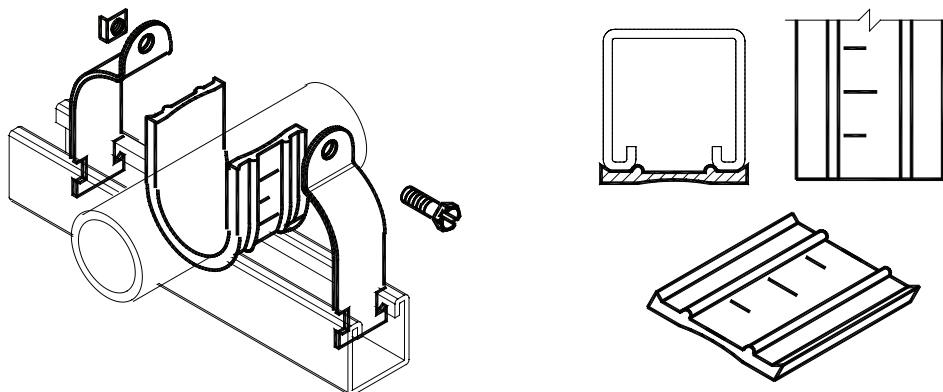
FIGURE 7873 - Rigid Strut Clamp

Catalog Number	Pipe Sizes		O.D.		Design Load	
	in.	Metric	in.	mm	Lbs.	kN
FNW7873Z0037	3/8	10	0.675	17.1	400	1.78
FNW7873Z0050 FNW7873S0050	1/2	15	0.840	21.3	400	1.78
FNW7873Z0075 FNW7873S0075	3/4	20	1.050	26.7	600	2.67
FNW7873Z0100 FNW7873S0100	1	25	1.315	33.4	600	2.67
FNW7873Z0125 FNW7873S0125	1-1/4	32	1.660	42.2	600	2.67
FNW7873Z0150 FNW7873S0150	1-1/2	40	1.900	48.3	800	3.56
FNW7873Z0200 FNW7873S0200	2	50	2.375	60.3	800	3.56
FNW7873Z0250 FNW7873S0250	2-1/2	65	2.875	73.0	800	3.56
FNW7873Z0300 FNW7873S0300	3	80	3.500	88.9	800	3.56
FNW7873Z0350 FNW7873S0350	3-1/2	90	4.000	101.6	1000	4.45
FNW7873Z0400 FNW7873S0400	4	100	4.500	114.3	1000	4.45
FNW7873Z0500 FNW7873S0500	5	125	5.562	141.3	1000	4.45
FNW7873Z0600 FNW7873S0600	6	150	6.625	168.3	1000	4.45
FNW7873Z0800 FNW7873S0800	8	200	8.625	219.1	1000	4.45
FNW7873Z1000	10	250	10.750	273.1	1000	4.45
FNW7873Z1200	12	300	12.750	323.9	1000	4.45

FIGURE 7874 - Universal Strut Clamp

Catalog Number	Clamp Sizes*		O.D.		Design Load	
	in.	Metric	in.	mm	Lbs.	kN
FNW7874Z0050	1/2	15	0.773	19.6	400	1.78
FNW7874Z0075	3/4	20	0.986	25.0	600	2.67
FNW7874Z0100	1	25	1.239	31.5	600	2.67
FNW7874Z0125	1-1/4	32	1.585	40.3	600	2.67
FNW7874Z0150	1-1/2	40	1.820	45.7	800	3.56
FNW7874Z0200	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.

FIGURE 7862 - Pipe Wrap


Sold in 25 Foot Rolls

Catalog Number: FNW7862EP25

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

Iron Pipe or Rigid Conduit

Nominal Pipe Size		PW Cut Length		Clamp Number	Qty Per Roll*
in.	Metric	in.	mm		
3/8	10	2-1/8	54.0	FNW7871Z0075	141
1/2	15	2-5/8	66.7	FNW7873Z0075	114
3/4	20	3-1/4	82.6	FNW7872Z0125	92
1	25	4-1/8	104.8	FNW7871Z0125	72
1-1/4	32	5-3/16	131.8	FNW7873Z0150	57
1-1/2	40	5-15/16	150.8	FNW7872Z0212	50
2	50	7-7/16	188.9	FNW7872Z0262	40
2-1/2	65	9	228.6	FNW7872Z0312	33
3	80	11	279.4	FNW7872Z0375	27
3-1/2	90	12-1/2	317.5	FNW7872Z0425	24
4	100	14-1/8	358.8	FNW7872Z0475	21
5	125	17-7/16	442.9	FNW7872Z0575	17
6	150	20-3/4	527.1	FNW7872Z0687	14

Thin Wall (EMT) Conduit

Nominal Pipe Size		PW Cut Length		Clamp Number	Qty Per Roll*
in.	Metric	in.	mm		
3/8	10	1-13/16	46.0	FNW7872Z0075	165
1/2	15	2-3/16	55.6	FNW7871Z0075	137
3/4	20	2-7/8	73.0	FNW7871Z0100	104
1	25	3-5/8	92.1	FNW7872Z0137	82
1-1/4	32	4-11/16	119.1	FNW7872Z0187	64
1-1/2	40	5-7/16	138.1	FNW7873Z0150	55
2	50	6-7/8	174.6	FNW7873Z0200	43

Copper Tubing

Nominal Pipe Size		PW Cut Length		Clamp Number	Qty Per Roll*
in.	Metric	in.	mm		
1/4	6	1-1/8	28.6	FNW7872Z0062	266
3/8	10	1-9/16	39.7	FNW7872Z0075	192
1/2	15	1-7/8	47.6	FNW7872Z0087	160
5/8	17	2-5/16	58.7	FNW7872Z0100	129
3/4	20	2-3/4	69.9	FNW7872Z0112	109
1	25	3-1/2	88.9	FNW7872Z0137	85
1-1/4	32	4-5/16	109.5	FNW7872Z0162	69
1-1/2	40	5-1/16	128.6	FNW7872Z0187	59
2	50	6-11/16	169.9	FNW7873Z0200	44
2-1/2	65	8-1/4	209.6	FNW7873Z0250	36
3	80	9-13/16	249.2	FNW7872Z0337	30
3-1/2	90	11-3/8	288.9	FNW7872Z0387	26
4	100	12-15/16	328.6	FNW7872Z0437	23
5	125	16-1/16	408.0	FNW7872Z0537	18
6	150	19-1/4	488.9	FNW7872Z0637	15
8	200	25-1/2	647.7	FNW7872Z0837	11

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

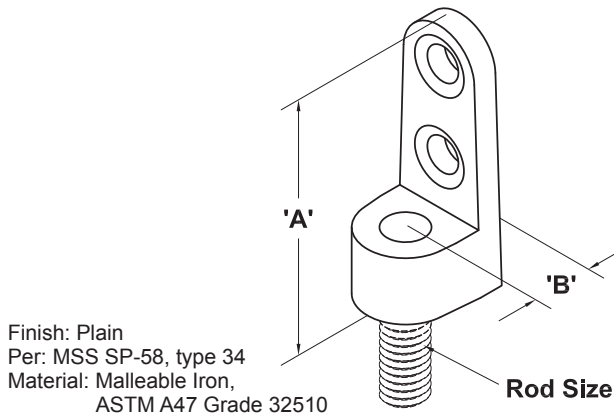
Wrap Information

Material: EPDM

Temperature Range: -50°F to 360°F

Hardness Shore "A": 70 avg. (per ASTM D-2240)

FIGURE 7501 - Beam Connector

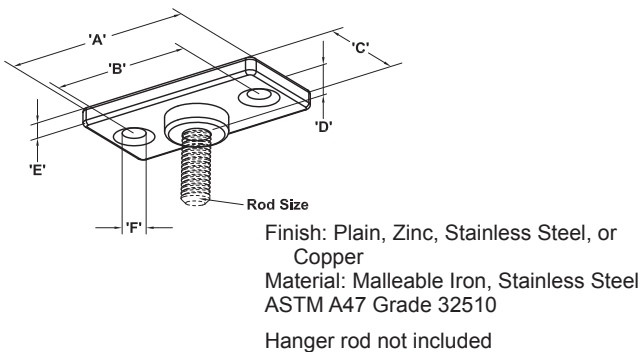


Hanger rod not included

Catalog Number	Rod Size	A	B
FNW7501PC	3/8"-16	2.19"	0.56"

Rod Size	Finish	Max. Load	Wt. (Oz.)
3/8"-16	Plain	250 Lbs.	1.80

FIGURE 7502 - Beam Ceiling Flange



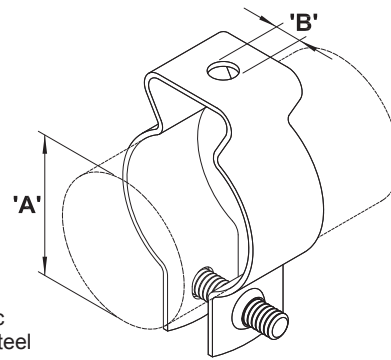
Hanger rod not included

Rod Size	A	B	C	D
3/8"-16	2.75	2.00	1.36	0.46
1/2"-13	2.75	2.00	1.36	0.46

Rod Size	E	F	Wt. (Oz.)
3/8"-16	0.21	0.29	2.88
1/2"-13	0.21	0.29	2.88

Catalog Number	Finish	Rod Size	Max. Load (Lbs.)
FNW7502PC	Plain	3/8"-16	180
FNW7502ZC	Zinc	3/8"-16	180
FNW7502SC	Stainless Steel	3/8"-16	180
FNW7502CC	Copper	3/8"-16	180
FNW7502PD	Plain	1/2"-13	180
FNW7502ZD	Zinc	1/2"-13	180
FNW7502SD	Stainless Steel	1/2"-13	200
FNW7502CD	Copper	1/2"-13	180

FIGURE 7310 - Rigid/EMT Clamp

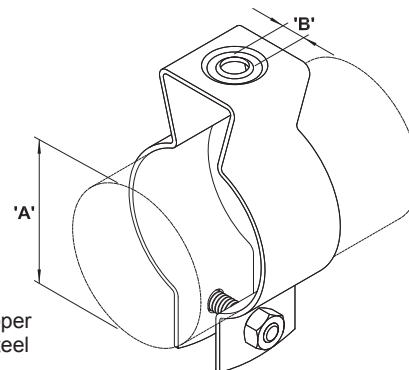


Notes:

1. Sizes 0050 to 0200 have embossed threading for clamp screw.
2. Sizes 0250 & 0300 use nut and bolt.
3. Sizes 0250 & 0300 have an embossment around hole 'B'.

Catalog Number	Sizes (in.)		A	B	Gauge	Design Load
	Rigid	EMT				
FNW7310Z0050	3/8 1/2	1/2	0.80	0.28	18	200 lbs.
FNW7310Z0075	3/4	3/4	1.00	0.28	18	200 lbs.
FNW7310Z0100	1	1	1.20	0.28	18	200 lbs.
FNW7310Z0125E		1-1/4	1.50	0.28	18	200 lbs.
FNW7310Z0125	1-1/4	1-1/2	1.70	0.28	18	200 lbs.
FNW7310Z0150	1-1/2		1.87	0.34	18	200 lbs.
FNW7310Z0200	2	2	2.25	0.34	18	350 lbs.
FNW7310Z0250	2-1/2	2-1/2	3.00	0.41	14	350 lbs.
FNW7310Z0300	3	3	3.50	0.41	14	350 lbs.

FIGURE 7311 - Copper Pipe Clamp



Notes:

1. Copper plating is for identification purposes only.
2. All sizes use nut and bolt.
3. All sizes have an embossment around hole 'B'.

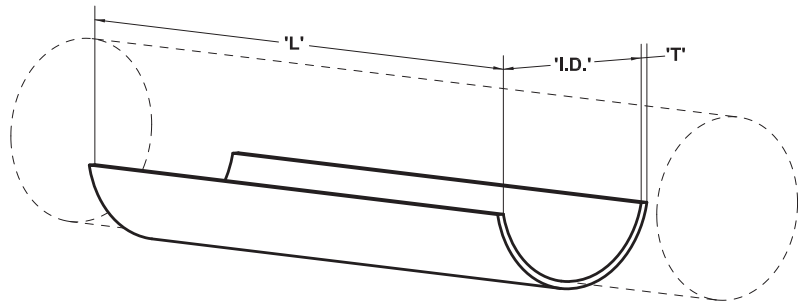
Catalog Number	Copper Sizes (in.)	A	B	Gauge	Design Load
FNW7311C0050	1/2	0.65	0.28	19	200 lbs.
FNW7311C0075	3/4	0.87	0.28	18	200 lbs.
FNW7311C0100	1	1.20	0.28	18	200 lbs.
FNW7311C0125	1-1/4	1.38	0.28	18	200 lbs.
FNW7311C0150	1-1/2	1.70	0.34	16	200 lbs.
FNW7311C0200	2	2.13	0.34	16	200 lbs.

FIGURE 7750 (Standard) & 7751 (Domestic¹) - MSS Compliant Insulation Protection Shields

Finish: G60 Galvanized Coating
 Material: Steel, ASTM 1011 type B
 MSS SP-58, Type 40*
 Federal Specification WW-H-171, Type 41*

* Complies when used within the pipe size, insulation thickness, and compressive strength of insulation as specified by MSS SP-58.

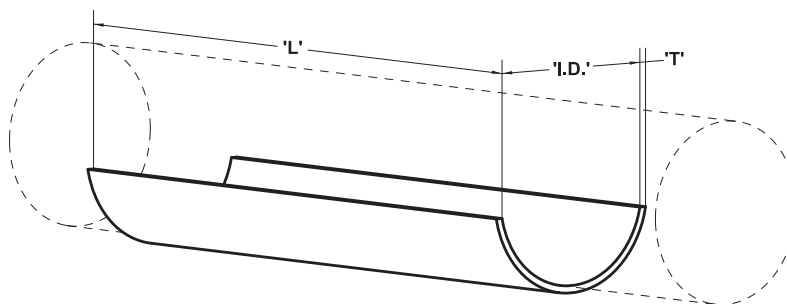
¹ Domestic shields are ordered on demand (SOD)



Catalog Number		Shield Size	L		I.D.		T			Required Hanger Size	Weight Lbs.
Standard	Domestic ¹		in.	mm	in.	mm	in.	mm	gauge		
FNW7750Z0150	FNW7751Z0150	1-1/2	12	305	1.91	48.4	0.047	1.2	18	1-1/2"	0.47
FNW7750Z0200	FNW7751Z0200	2	12	305	2.38	60.4	0.047	1.2	18	2"	0.58
FNW7750Z0250	FNW7751Z0250	2-1/2	12	305	2.88	73.2	0.047	1.2	18	2-1/2"	0.71
FNW7750Z0300	FNW7751Z0300	3	12	305	3.50	88.9	0.047	1.2	18	3"	0.86
FNW7750Z0350	FNW7751Z0350	3-1/2	12	305	4.00	101.6	0.047	1.2	18	3-1/2"	0.98
FNW7750Z0400	FNW7751Z0400	4	12	305	4.52	114.7	0.047	1.2	18	4"	1.10
FNW7750Z0450	FNW7751Z0450	4-1/2	12	305	5.00	127.0	0.047	1.2	18	5"	1.28
FNW7750Z0500	FNW7751Z0500	5	12	305	5.31	135.0	0.047	1.2	18	5"	1.38
FNW7750Z0550	FNW7751Z0550	5-1/2	12	305	5.56	141.2	0.047	1.2	18	5"	1.39
FNW7750Z0600	FNW7751Z0600	6	12	305	6.66	169.1	0.059	1.5	16	6"	2.02
FNW7750Z0700	FNW7751Z0700	7	12	305	7.65	194.3	0.059	1.5	16	8"	2.31
FNW7750Z0800	FNW7751Z0800	8	12	305	8.70	220.9	0.059	1.5	16	8"	2.79
FNW7750Z1000	FNW7751Z1000	10	18	458	10.86	275.8	0.059	1.5	16	10"	5.25
FNW7750Z1200	FNW7751Z1200	12	24	610	12.83	326.0	0.071	1.8	15	12"	9.55

FIGURE 7753 - Light Duty Insulation Protection Shields

Material: Carbon Steel, ASTM A653, type A/B
 Finish: G60 Galvanized Coating



Catalog Number	L		I.D.			T			Required Hanger Size	Weight Lbs.
	in.	mm	in.	mm	± in (mm)	in.	mm	gauge		
FNW7753Z0000	11.9	302	1.90	48.3	0.093 (2.38)	0.024	0.6	24	1-1/2"	0.25
FNW7753Z0001	11.9	302	2.38	60.5	0.093 (2.38)	0.024	0.6	24	2"	0.31
FNW7753Z0002	11.9	302	2.87	72.9	0.093 (2.38)	0.024	0.6	24	2-1/2"	0.38
FNW7753Z0003	12	305	3.50	88.9	0.093 (2.38)	0.047	1.2	18	3"	0.88
FNW7753Z0004	12	305	4.00	101.6	0.093 (2.38)	0.047	1.2	18	3-1/2"	1.01
FNW7753Z0005	12	305	4.50	114.3	0.093 (2.38)	0.047	1.2	18	4"	1.13
FNW7753Z0006	12	305	5.00	127.0	0.125 (3.18)	0.047	1.2	18	5"	1.26
FNW7753Z0007	12	305	5.63	143.0	0.125 (3.18)	0.047	1.2	18	5"	1.40
FNW7753Z0008	12	305	6.62	168.1	0.125 (3.18)	0.047	1.2	18	6"	1.66
FNW7753Z0009	12	305	7.63	193.8	0.250 (6.35)	0.047	1.2	18	8"	1.91
FNW7753Z0010	12	305	8.62	219.0	0.250 (6.35)	0.047	1.2	18	8"	2.16
FNW7753Z0013	12	305	9.63	244.6	0.250 (6.35)	0.047	1.2	18	10"	2.41
FNW7753Z0014	12	305	10.75	273.0	0.250 (6.35)	0.047	1.2	18	10"	2.69
FNW7753Z0015	12	305	11.75	298.5	0.250 (6.35)	0.047	1.2	18	12"	2.94
FNW7753Z0016	12	305	12.75	323.9	0.250 (6.35)	0.047	1.2	18	12"	3.19

[illegible]

This image shows a full page of blank, lined paper. It features approximately 28 horizontal blue or grey lines spaced evenly apart, typical of standard notebook paper. The lines extend across the entire width of the page, leaving small margins at the top and bottom. There are no vertical lines, text, or other markings present.

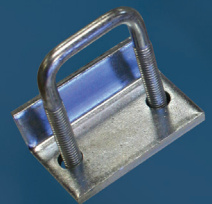
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