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BEAM CLAMPS

FIG. 7001 & 7002

HEAVY DUTY BEAM CLAMP

Note: Set screw included.

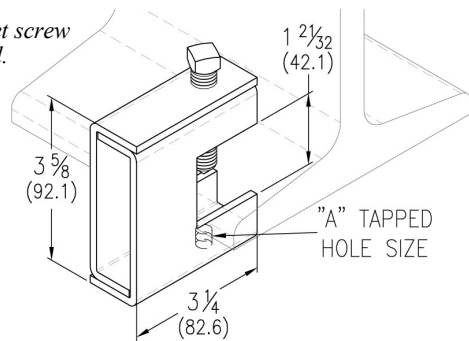


Fig. No.	A	Material Thickness	Set Screw	Max. Rec. Load	Wt. Each	
				lbs.	kN	lbs. kg
7001	3/8-16	3/16 (4.76)	1/2 X 2	1300	(5.78)	1.56 (.71)
7002	1/2-13	1/4 (6.35)	1/2 X 2	1900	(8.45)	2.01 (.91)

For beam flanges between 3/4" (19.05) & 1 5/8" (41.28) thick

FIG. 7005 - 7007

BEAM CLAMP

Material: Malleable iron.

Note: Not available in Stainless Steel. Set screw included.

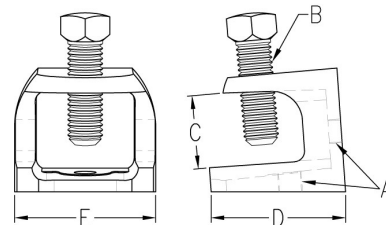


Fig. No.	A	B	C	D	E
7005	1/4-20	5/16-18	7/8	(22.23)	1 3/8 (34.93)
7006	3/8-16	1/2-13	1 1/8	(28.58)	1 13/16 (46.04)
7007	1/2-13	1/2-13	1 1/4	(31.75)	2 5/16 (58.74)

Fig. No.	Max. Flange Thickness	Max. Rec. Load		Wt. Each	
		lbs.	kN	lbs.	kg
7005	3/4	(19.05)	150	(0.67)	.20 (.09)
7006	3/4	(19.05)	350	(1.56)	.60 (.27)
7007	1	(25.4)	1000	(4.45)	1.05 (.48)

FIG. 7011 - 7020

"I" BEAM CLAMP

Note: Set screw included.

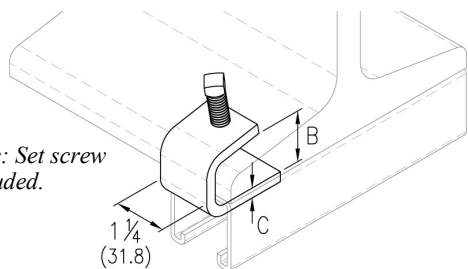


Fig. No.	Set Screw	B	C	Max. Rec. Load		Wt. Each	
				lbs.	kN	lbs.	kg
7011	3/8-16	1 1/8 (28.58)	1/4 (6.35)	900*	(4.00)	.26 (.12)	
7012	1/2-13	1 1/8 (28.58)	3/8 (9.53)	1800*	(8.00)	.64 (.29)	
7020	1/2-13	2 (50.8)	3/8 (9.53)	900*	(4.00)	.72 (.33)	

* Max loads when used in pairs.

FIG. 7025

"I" BEAM CLAMP

Note: Set screw included.

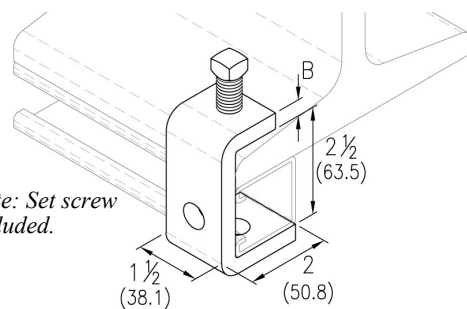


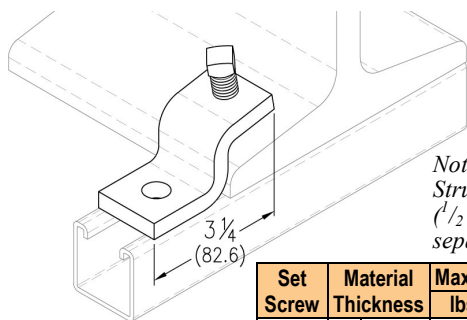
Fig. No.	Set Screw	Material Thickness	Max. Rec. Load		Wt. Each	
			lbs.	kN	lbs.	kg
7025	1/2-13	3/8 (9.53)	1000*	(4.45)	.94 (.43)	

* Max loads when used in pairs.

FIG. 7030

"Z" BEAM CLAMP

Note: Set screw included. Strut nut and hex bolt (1/2"-13 x 1 3/4") sold separately.



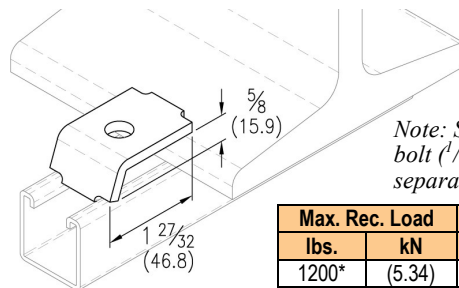
Set Screw	Material Thickness	Max. Rec. Load		Wt. Each	
		lbs.	kN	lbs.	kg
1/2-13	3/8 (9.53)	900*	(4.00)	.63 (.29)	

* Max loads when used in pairs.

FIG. 7040

BEAM CLAMP

Note: Strut nut and hex bolt (1/2"-13 x 1 3/4") sold separately.



Max. Rec. Load		Wt. Each	
lbs.	kN	lbs.	kg
1200*	(5.34)	.26	(.12)

* Max loads when used in pairs.

Standard Product Information for 1 5/8" (41.3) width series channel fittings (Unless Otherwise Noted)

Hole Diameter: 9/16" (14.3); Hole Spacing-From End: 1 3/16" (20.6); Hole Spacing-On Center: 1 7/8" (47.6); Width: 1 5/8" (41.3); Thickness: 1/4" (6.4)
 Material: Carbon steel (Type 304 or 316 Stainless Steel upon request); Finish: Electro-galvanized (hot-dip galvanized, e-coat, and powder coated upon request)
 Ordering: Specify figure number, material, and finish.

Unless otherwise specified, all dimensions on drawings and in charts are in inches and dimensions shown in parentheses are in millimeters.

BEAM CLAMPS



FIG. 7050 & 7051

SQUARE U-BOLT

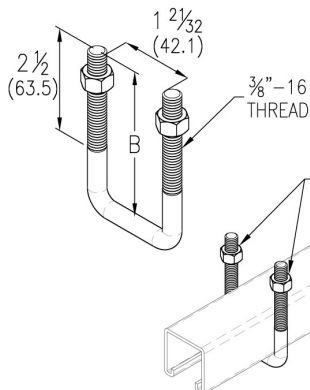


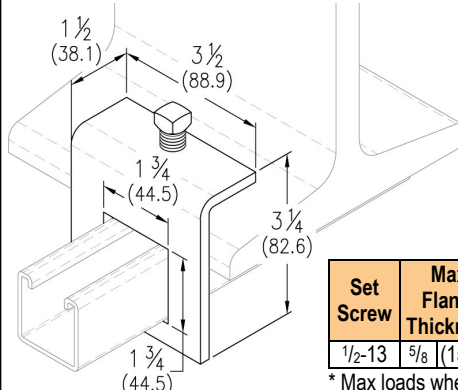
Fig. No.	B	Wt. Each	
		lbs.	kg
7050	3 ³ / ₈ (85.73)	.25	(.11)
7051	5 (127.00)	.33	(.15)

INCLUDES HEX NUTS

Note: Not available in Stainless Steel.

FIG. 7060

BEAM CLAMP FOR USE WITH 1⁵/₈" STRUT



Note: Not available in Stainless Steel.

Set Screw	Max. Flange Thickness	Max. Rec. Load		Wt. Each	
		lbs.	kN	lbs.	kg
1/2-13	5/8 (15.88)	900*	(4.00)	1.07	(.49)

* Max loads when used in pairs.

FIG. 7070 - 7076

BEAM CLAMP

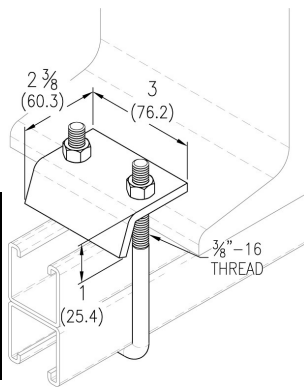


Fig. No.	For Use With
7070	1 ⁵ / ₈ " Strut
7075	3 ¹ / ₄ " Strut
7076	1500A or 1600A Series Strut

Fig. No.	Max. Flange Thickness	Max. Rec. Load		Wt. Each	
		lbs.	kN	lbs.	kg
7070	3/4 (19.05)	2000*	(8.90)	.80	(.36)
7075	3/4 (19.05)	2000*	(8.90)	.88	(.40)
7076	3/4 (19.05)	2000*	(8.90)	1.12	(.51)

* Max loads when used in pairs.

FIG. 7080 - 7089

BEAM CLAMP

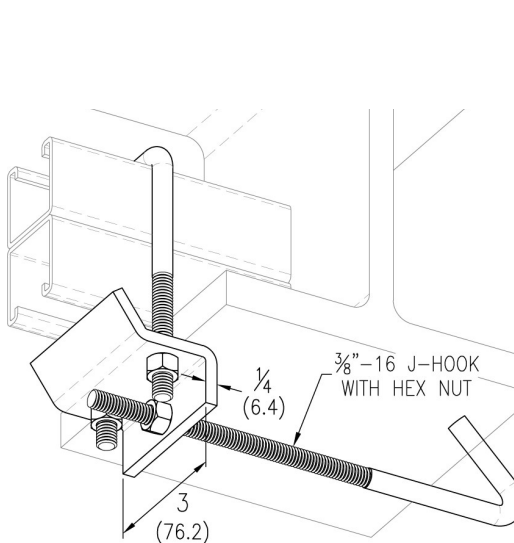


Fig. No.	For Flange Width		Wt. Each	
	lbs.	kg	lbs.	kg
7080	4" - 5 ⁷ / ₈ "	(101.6 - 149.2)	1.42	(0.64)
7081	6" - 8 ⁷ / ₈ "	(152.4 - 225.4)	1.51	(0.69)
7082	9" - 11 ⁷ / ₈ "	(228.6 - 301.6)	1.60	(0.73)
7083	12" - 14 ⁷ / ₈ "	(304.8 - 377.8)	1.70	(0.77)
7084	15" - 17 ⁷ / ₈ "	(381.0 - 454.0)	1.79	(0.81)
7085	4" - 5 ⁷ / ₈ "	(101.6 - 149.2)	1.51	(0.69)
7086	6" - 8 ⁷ / ₈ "	(152.4 - 225.4)	1.57	(0.71)
7087	9" - 11 ⁷ / ₈ "	(228.6 - 301.6)	1.66	(0.75)
7088	12" - 14 ⁷ / ₈ "	(304.8 - 377.8)	1.76	(0.80)
7089	15" - 17 ⁷ / ₈ "	(381.0 - 454.0)	1.85	(0.84)

Note: 1" (25.4) Max. Flange Thickness
Torque J-Hook nut to 60 in./lbs
Torque U-Bolt nuts to 150 in./lbs.

Fig. No.	For Use With
7080 - 7084	1 ⁵ / ₈ " Strut
7085 - 7089	3 ¹ / ₄ " Strut

FIG. 7090 - 7099

BEAM CLAMP

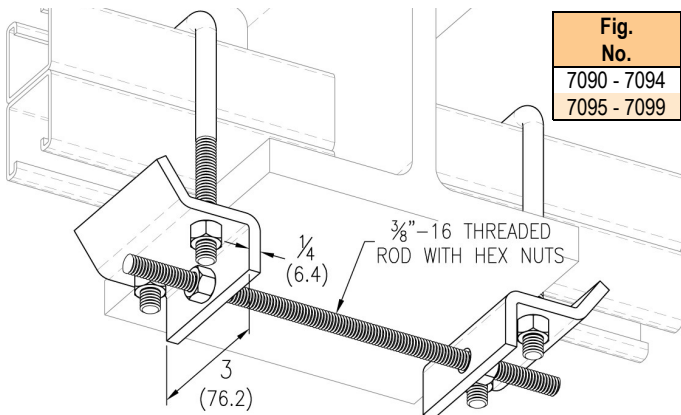


Fig. No.	For Use With	For Flange Width		Wt. Each	
		lbs.	kg	lbs.	kg
7090 - 7094	1 ⁵ / ₈ " Strut				
7095 - 7099	3 ¹ / ₄ " Strut				
7090	4" - 5 ⁷ / ₈ "	(101.6 - 149.2)	2.82	(1.28)	
7091	6" - 8 ⁷ / ₈ "	(152.4 - 225.4)	2.89	(1.31)	
7092	9" - 11 ⁷ / ₈ "	(228.6 - 301.6)	2.96	(1.34)	
7093	12" - 14 ⁷ / ₈ "	(304.8 - 377.8)	3.04	(1.38)	
7094	15" - 17 ⁷ / ₈ "	(381.0 - 454.0)	3.11	(1.41)	
7095	4" - 5 ⁷ / ₈ "	(101.6 - 149.2)	3.00	(1.36)	
7096	6" - 8 ⁷ / ₈ "	(152.4 - 225.4)	3.07	(1.39)	
7097	9" - 11 ⁷ / ₈ "	(228.6 - 301.6)	3.14	(1.42)	
7098	12" - 14 ⁷ / ₈ "	(304.8 - 377.8)	3.22	(1.46)	
7099	15" - 17 ⁷ / ₈ "	(381.0 - 454.0)	3.29	(1.49)	

Note: 1" (25.4) Max. Flange Thickness
Torque U-Bolt nuts to 150 in./lbs.
Torque all-thread rod connector nuts to 60 in./lbs.

Standard Product Information for 1⁵/₈" (41.3) width series channel fittings (Unless Otherwise Noted)

Hole Diameter: 9/16" (14.3); Hole Spacing-From End: 1³/₁₆" (20.6); Hole Spacing-On Center: 1⁷/₈" (47.6); Width: 1⁵/₈" (41.3); Thickness: 1/4" (6.4)
Material: Carbon steel (Type 304 or 316 Stainless Steel upon request); Finish: Electro-galvanized (hot-dip galvanized, e-coat, and powder coated upon request)
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