



National Fire Equipment Ltd.

BEAM CLAMP FIG. 350

Function: Designed for attaching hanger rod to the top flange of a beam or bar joist, where the flange thickness does not exceed 3/4 inch (19.05mm). The open U design permits rod adjustment.

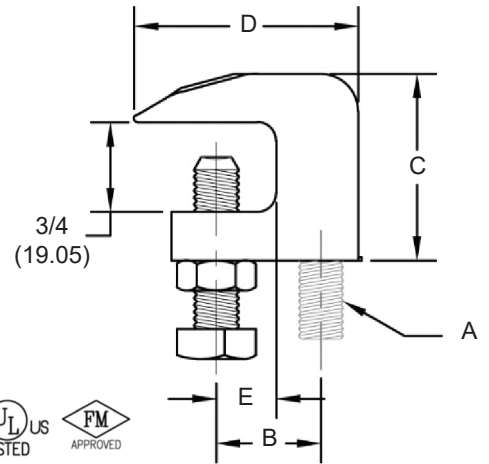
Material: Malleable iron with hardened steel cup point set screw and locknut (Type 304 or 316 Stainless Steel upon request for 1/4", 3/8", and 1/2" only)

Finish: Plain or electro-galvanized

Approvals: Underwriters' Laboratories Listed in the U.S. (UL), Canada (CUL), for sizes 1/2" to 7/8" malleable iron only. Factory Mutual Approved for rod size 1/2" malleable iron only. Complies with Federal Specifications A-A-1192A (Type 19) and Manufacturers' Standardization Society ANSI/ MSS SPSP-58 (Type 19) which supersedes ANSI/MSS SP-69. (Approvals are only valid for beam clamps with locknut).

Ordering: Specify figure number, rod size, material, and finish.

NOTE: When a torque wrench is unavailable, the setscrew should be tightened so it contacts the I-beam and then an additional 1/4 to 1/2 turn.



Set Screw Torque				Caution should be taken not to over tighten the set screw
Nominal Thread Size		3/8	1/2	
Rec. Torque	in-lbs.	60	125	
	N-m	(6.8)	(14.1)	

Rod Size A	B	C	D	E	Max. Pipe Size	Max. Rec. Load		Wt. Each			
						lbs.	kN	lbs.	kg		
*1/4	7/8	(22.23)	1 1/2 (38.10)	1 5/8 (41.28)	1/2 (12.70)	N/A	N/A	250	(1.11)	.34	(.15)
Δ3/8	7/8	(22.23)	1 1/2 (38.10)	1 5/8 (41.28)	1/2 (12.70)	4	(100)	400	(1.78)	.33	(.15)
1/2	1	(25.40)	1 1/2 (38.10)	1 11/16 (42.86)	1/2 (12.70)	8	(200)	500	(2.22)	.34	(.15)
5/8	1 1/16	(26.99)	1 1/2 (38.10)	1 7/8 (47.63)	5/8 (15.88)	8	(200)	600	(2.67)	.39	(.18)
3/4	1 5/16	(33.34)	1 3/4 (44.45)	2 3/8 (60.33)	5/8 (15.88)	8	(200)	800	(3.56)	.63	(.29)
7/8	1 5/16	(33.34)	1 3/4 (44.45)	2 3/8 (60.33)	5/8 (15.88)	8	(200)	1200	(5.34)	.60	(.27)

* 1/4" Not UL or FM approved. Only available in domestic.

Δ 3/8" Available in type 304 or 316 stainless steel only. For non stainless steel 3/8" rod sizes, see Fig. 345 Steel Top Beam Clamp and Fig. 353 Malleable Domestic Beam Clamp.



National Fire Equipment Ltd.

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