

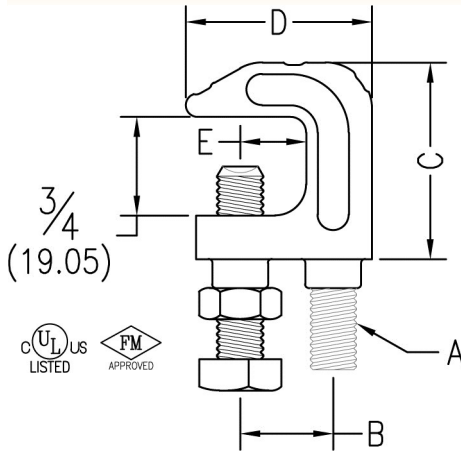


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# BEAM CLAMPS

**FIG. 345**

## TOP BEAM CLAMP



**Function:** Designed for attaching hanger rod to the top flange of a beam or bar joist where the flange thickness does not exceed  $\frac{3}{4}$ " (19.05mm). The open U design permits rod adjustment.

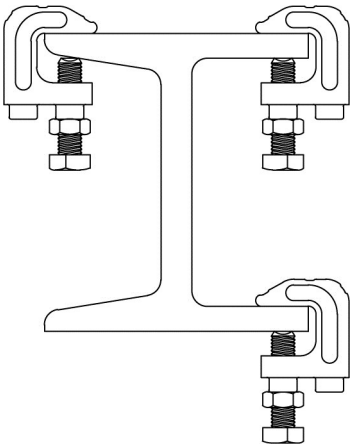
**Material:** Carbon steel with hardened steel cup point set screw and locknut

**Finish:** Pre-galvanized

**Approvals:** Underwriters' Laboratories Listed in the U.S. (UL), Canada (CUL) and Factory Mutual Approved. Complies with Federal Specifications A-A-1192A (Type 19) and Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 19) which supersedes ANSI/MSS SP-69.

**Ordering:** Specify figure number.

**NOTE:** When a torque wrench is unavailable, the setscrew should be tightened so it contacts the I-beam and then an additional  $\frac{1}{4}$  to  $\frac{1}{2}$  turn. Set screw must contact the sloped side of the I-beam, channel, or other applicable building structure. Clamp must always be installed in top orientation, with the arrow mark on clamp pointing up. The following illustration displays the only acceptable installation positions. On parallel flange surfaces, the clamp may be attached to the upper or lower flange but must be in the top orientation as shown.



Set Screw Torque			Caution should be taken not to over tighten the set screw
Nominal Thread Size	$\frac{3}{8}$		
Rec. Torque	in-lbs.	60	
	N-m	(6.8)	

Rod Size A	B		C		D		E		Max. Pipe Size		Max. Rec. Load		Wt. Each with nut	
	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	lbs.	kN	lbs.	(kg)
$\frac{3}{8}$	$\frac{3}{4}$	(19.05)	$1\frac{9}{16}$	(39.69)	$1\frac{1}{2}$	(38.10)	$\frac{9}{16}$	(14.29)	4	(100)	610	(2.71)	.20	(.09)

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BEAM CLAMPS  
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