

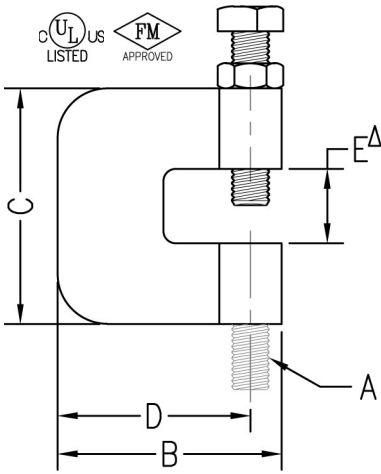


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BEAM CLAMPS

FIG. 250

STEEL C-CLAMP WITH LOCKNUT



Function: Designed for attaching hanger rod to the bottom flange of a beam. The hanger rod should make contact with the beam flange to ensure full engagement.

Material: Carbon steel with hardened steel cup point set screw (Type 304 or 316 Stainless Steel upon request)

Finish: Plain or electro-galvanized

Approvals: Underwriters' Laboratories Listed in the U.S. (UL) and Canada (CUL) for $\frac{3}{8}$ " and $\frac{1}{2}$ " sizes only. Factory Mutual Approved for $\frac{3}{8}$ " rod size only. Complies with Federal Specifications A-A-1192A (Type 23) and Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 23) which supersedes ANSI/MSS SP-69. (Approvals are only for Fig. 250 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 $\frac{1}{4}$ to $\frac{1}{2}$ turn.

Set Screw Torque					
Nominal Thread Size	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{3}{4}$	Caution should be taken not to over tighten the set screw	
Rec. Torque	in-lbs.	60	250		400
	N-m	(6.8)	(28.2)		(45.2)

Rod Size A	B		C		D		E ^Δ		Max. Pipe Size		Max. Rec. Load		Wt. Each			
													w/o nut		with nut	
													lbs.	kN	lbs.	kg
$\frac{3}{8}$	2 $\frac{1}{4}$	(57.15)	2 $\frac{3}{8}$	(60.33)	$\frac{7}{8}$	(22.23)	$\frac{3}{4}$	(19.05)	4	(100)	400	(1.78)	.36	(.16)	.38	(.17)
$\frac{1}{2}$	2 $\frac{1}{4}$	(57.15)	2 $\frac{3}{8}$	(60.33)	$\frac{7}{8}$	(22.23)	$\frac{3}{4}$	(19.05)	4	(100)	500	(2.22)	.36	(.16)	.38	(.17)
$\frac{5}{8}$	2 $\frac{3}{8}$	(60.33)	2 $\frac{3}{8}$	(60.33)	$\frac{3}{4}$	(19.05)	$\frac{3}{4}$	(19.05)	5	(125)	550	(2.45)	.63	(.29)	.68	(.31)
$\frac{3}{4}$	2 $\frac{1}{4}$	(57.15)	2 $\frac{3}{8}$	(60.33)	$\frac{3}{4}$	(19.05)	$\frac{3}{4}$	(19.05)	6	(150)	600	(2.67)	.72	(.33)	.79	(.36)
$\frac{7}{8}$	3 $\frac{1}{4}$	(57.15)	3	(76.20)	1 $\frac{1}{4}$	(31.75)	1	(25.40)	8	(200)	900	(4.00)	1.65	(.75)	1.83	(.83)

Δ Reduced by $\frac{1}{8}$ " (3.18mm) when used in conjunction with Fig. 259 retaining strap.

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