

Fig. 86: C-Clamp with Set Screw and Lock Nut

C-Clamp

Size Range: $\frac{3}{8}$ " through $\frac{3}{4}$ "

Material: Malleable iron clamp; hardened steel cup point set screw.

Finish: Plain or Galvanized

Service: Recommended for attachment to "W" and "M" beams where thickness of flange Z (see table page 203) does not exceed 0.75". When clamp is used with Fig. 89 retaining clip, flange thickness may not exceed 0.62".

Approvals: Complies with Federal Specification A-A-1192A (Type 23), WW-H-171-E (Type 23), ANSI/MSS SP-69 and MSS SP-58 (Type 23). UL, ULC Listed (Sizes $\frac{3}{8}$ " thru $\frac{3}{4}$ "") and FM Approved (Sizes $\frac{3}{8}$ "").

Installation: Follow recommended set screw torque values per MSS-SP-69 (See table on page 208). The Fig. 88 is only to be used on installations where the clamp cannot become dislodged from the beam.

Features:

- Malleable body assures:
 - 1) Uniform quality and strength.
 - 2) Full thread engagement.
- Hardened steel cup point set screw for securing to beam flange.
- Ribbed design of clamp provides added strength.

Ordering: Specify rod size, figure number, name, length of retaining clip, if desired. (Add 2" to flange width of beam to arrive at proper length of retaining clip.) If required length is not standard, order next longer standard.

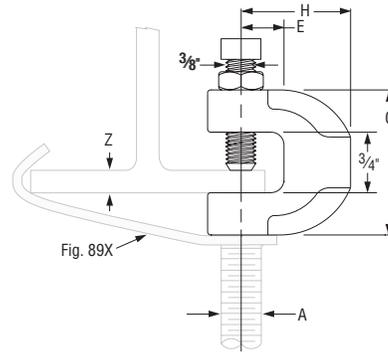


FIG. 86: LOADS (LBS) • WEIGHT (LBS) • DIMENSIONS (IN) • TORQUE (IN-LBS)						
Rod Size A	Torque Value	Max Load ■	C	E	H	Weight
$\frac{3}{8}$	60	400	$1\frac{3}{4}$	$\frac{5}{8}$	$1\frac{3}{8}$	0.28
$\frac{1}{2}$	60					0.31
$\frac{5}{8}$	60	440	2	$\frac{3}{4}$	$1\frac{1}{2}$	0.42
$\frac{3}{4}$	60	500				0.55

■ Maximum temperature of 450° F.

PROJECT INFORMATION		APPROVAL STAMP	
Project:		<input type="checkbox"/> Approved	
Address:		<input type="checkbox"/> Approved as noted	
Contractor:		<input type="checkbox"/> Not approved	
Engineer:		Remarks:	
Submittal Date:			
Notes 1:			
Notes 2:			