

BEAM CLAMPS

Fig. 86: C-Clamp with Set Screw and Lock Nut Fig. 88: C-Clamp with Set Screw Only

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 on page 258) 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 $\frac{3}{8}$ ", $\frac{1}{2}$ " and $\frac{3}{4}$ "") and FM Approved (Sizes $\frac{3}{8}$ "").

Installation: Follow recommended set screw torque values per MSS-SP-69 (See table on page 257). The Fig. 88 is only to be used on installations where the clamp cannot become dislodged from the beam.

Features:

- Malleable body assures:
 - Uniform quality and strength.
 - 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

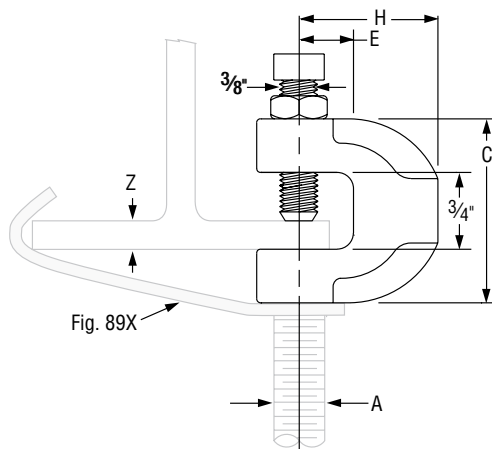


Fig. 86

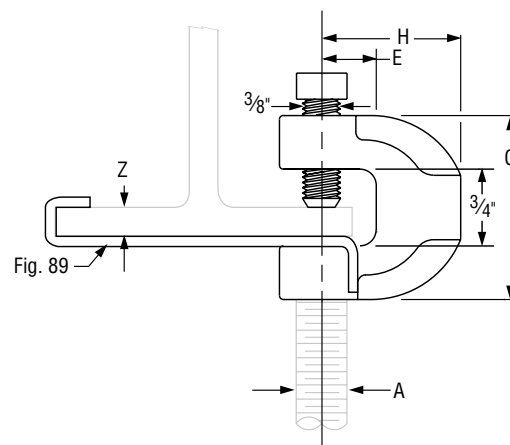


Fig. 88

FIG. 86 AND FIG. 88: LOADS (LBS) • WEIGHT (LBS) • DIMENSIONS (IN) • TORQUE (IN-LBS)

Rod Size A	Torque Value	Max Load ■	C	E	H	Weight	
						Fig. 86	Fig. 88
$\frac{3}{8}$	60	400	$1\frac{3}{4}$	$\frac{5}{8}$	$1\frac{3}{8}$	0.28	0.26
$\frac{1}{2}$	60					0.31	0.29
$\frac{5}{8}$	60	440	2	$\frac{3}{4}$	$1\frac{1}{2}$	0.42	0.40
$\frac{3}{4}$	60	500				0.55	0.53

■ Maximum temperature of 450° F.