

C-CLAMPS

C-CLAMP WITH LOCKING NUT

Figure 196

The Figure 196 is designed to attach mechanically to the bottom flange of a steel beam and may require a Figure 22 Retaining Clip to prevent loosening due to vibration after installation.

Install Figure 196 in accordance with MSS-SP69 set screw torque values. Maximum loads are based upon full thread engagement by the rod. Some Codes require the use of a Figure 22 Retaining Clip on all C-Clamps. When using a Retaining Clip the maximum allowable flange thickness is reduced by $\frac{1}{8}$ ".

Material: Malleable Iron with Hardened Steel Cup Point Set Screw.

Compliance: Federal Specification A-A-1192A Type 23, MSS-SP-69 Type 23.

Finish: Plain, Electro-Galvanized.

Ordering: Specify rod size, figure number, and finish. For Metric applications specify Figure M196.

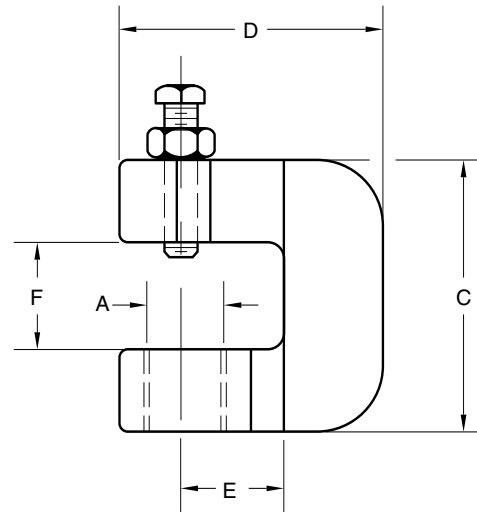


FIGURE 196 – C-CLAMP

ROD SIZE A	MAXIMUM LOAD	PIPE SIZES	C	D	E	F	WEIGHT EACH
$\frac{3}{8}$	400	$\frac{1}{2}$ to 2	$1\frac{1}{4}$	$1\frac{1}{4}$	$\frac{3}{8}$	$\frac{3}{4}$	0.33
M10	1779	15 to 50	44	44	16	19	0.15
$\frac{1}{2}$	400	$2\frac{1}{2}$ to $3\frac{1}{2}$	$1\frac{1}{4}$	$1\frac{1}{4}$	$\frac{3}{8}$	$\frac{3}{4}$	0.39
M12	1779	65 to 90	44	44	16	19	0.18
$\frac{5}{8}$	440	4 to 5	2	2	$\frac{3}{4}$	$\frac{3}{4}$	0.46
M16	1957	100 to 125	51	51	19	19	0.21
$\frac{3}{4}$	500	6	2	2	$\frac{3}{4}$	$\frac{3}{4}$	0.52
M20	2224	150	51	51	19	19	0.24

DIMENSIONS	TEMPERATURE	LOADS	WEIGHT
INCHES	FAHRENHEIT	POUNDS	POUNDS
MILLIMETERS	CELSIUS	NEWTONS	KILOGRAMS