

TOP BEAM CLAMP WITH LOCKING NUT

Figure 192

The Figure 192 is designed for roof installations with bar joist type construction as well as to be attached mechanically to the top or bottom flange of steel beams. A locking nut is provided and when properly tightened prevents loosening due to vibration. The full body tapping feature for the rod allows for extra adjustment after installation. A Figure 192RS Retaining Strap may also be required by various codes.

Install in accordance with MSS-SP69 set screw torque values. Maximum loads are based upon full thread engagement by the rod. When using a Retaining Strap the maximum allowable flange thickness is reduced by $\frac{1}{8}$ ".

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

Compliance: MSS-SP-69 (Type 19).

Finish: Plain, Electro-Galvanized.

Ordering: Specify rod size, figure number, and finish. For Metric applications specify Figure M192.

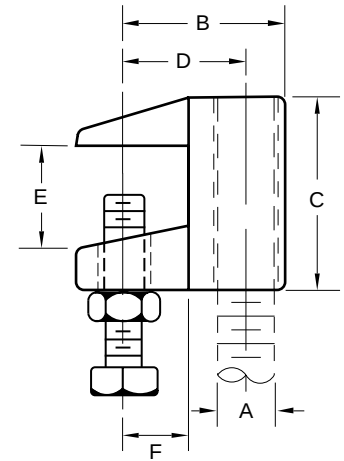


FIGURE 192 – TOP BEAM CLAMP

ROD SIZE A	MAXIMUM LOAD	MAXIMUM PIPE SIZE	B	C	D	E	F	WEIGHT EACH
$\frac{3}{8}$	400	4	$1\frac{1}{8}$	$1\frac{1}{2}$	1	$\frac{3}{4}$	$\frac{1}{2}$	0.33
M10	1779	100	41	38	25	19	13	0.15
$\frac{1}{2}$	500	8	$1\frac{11}{16}$	$1\frac{1}{2}$	1	$\frac{3}{4}$	$\frac{1}{2}$	0.34
M12	2224	200	43	38	25	19	13	0.15
$\frac{5}{8}$	600	8	$1\frac{1}{8}$	$1\frac{1}{2}$	$1\frac{1}{16}$	$\frac{3}{4}$	$\frac{5}{8}$	0.39
M16	2669	200	48	38	27	19	16	0.18
$\frac{3}{4}$	800	8	$2\frac{1}{8}$	$1\frac{3}{4}$	$1\frac{1}{16}$	$\frac{3}{4}$	$\frac{3}{4}$	0.63
M20	3559	200	60	44	33	19	16	0.29
$\frac{7}{8}$	1200	8	$2\frac{3}{8}$	$1\frac{3}{4}$	$1\frac{1}{16}$	$\frac{3}{4}$	$\frac{3}{4}$	0.60
M20	5338	200	60	44	33	19	16	0.27

TOP BEAM CLAMP RETAINING CLIP

Figure 192RS

The Figure 192RS is designed for use with Figure 192 and Figure 192W Top Beam Clamp to prevent movement of the clamp due to vibration after installation. Available in up to 4 $\frac{1}{2}$ ", 6", 8", 10" and 14" lengths (Two inches should be added to beam flange width to determine length and select next largest strap length if between sizes.)

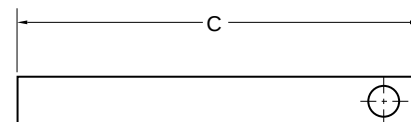
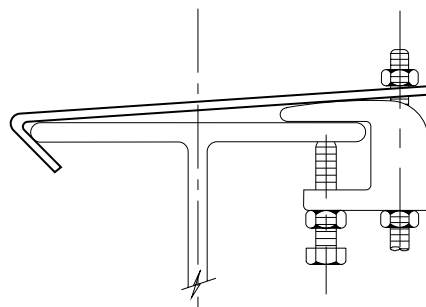
Material: Carbon Steel.

Finish: Plain, Electro-Galvanized.

Ordering: Specify rod size, length, figure number, and finish. For Metric applications specify Figure M192RS.

FIGURE 192RS – TOP BEAM CLAMP RETAINING CLIP

ROD SIZE	WEIGHT EACH LENGTH – DIMENSION "C"				
	4 $\frac{1}{2}$ 114	6 152	8 203	10 254	14 356
$\frac{3}{8}$	0.15	0.21	0.28	0.35	0.49
M10	0.07	0.10	0.13	0.16	0.22
$\frac{1}{2}$	0.15	0.21	0.28	0.35	0.49
M12	0.07	0.10	0.13	0.16	0.22
$\frac{5}{8}$	0.20	0.26	0.35	0.44	0.62
M16	0.09	0.12	0.16	0.20	0.28
$\frac{3}{4}$	0.20	0.26	0.35	0.44	0.62
M20	0.09	0.12	0.16	0.20	0.28
$\frac{7}{8}$	0.31	0.42	0.56	0.70	0.98
M20	0.14	0.19	0.25	0.32	0.44



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

BEAM CLAMPS

WIDE MOUTH TOP BEAM CLAMP
WITH LOCKING NUT

Figure 192W

The Figure 192W is designed for roof installations with bar joist type construction as well as to be attached mechanically to the top or bottom flange of steel beams. A locking nut is provided and when properly tightened prevents loosening due to vibration. The full body tapping feature for the rod allows for extra adjustment after installation. A Figure 192RS Retaining Strap may also be required by various codes. Install in accordance with MSS-SP69 set screw torque values. Maximum loads are based upon full thread engagement by the rod. When using a Retaining Strap the maximum allowable flange thickness is reduced by 1/8".

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

Compliance: MSS-SP-69 (Type 19).

Finish: Plain, Electro-Galvanized.

Ordering: Specify rod size, figure number, and finish.
For Metric applications specify Figure M192W.

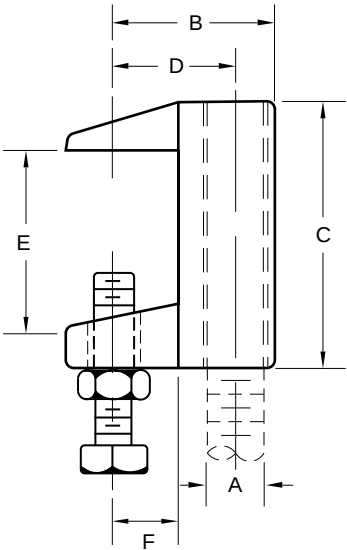


FIGURE 192W – WIDE MOUTH TOP BEAM CLAMP

ROD SIZE A	MAXIMUM LOAD	MAXIMUM PIPE SIZE	B	C	D	E	F	WEIGHT EACH
3/8	400	4	1 5/8	1 7/8	1 1/16	1 1/4	1/2	0.37
M10	1779	100	41	48	27	32	13	0.17
1/2	500	4	1 3/8	1 1/8	1 1/16	1 1/4	1/2	0.35
M12	2224	200	41	48	27	32	13	0.16
5/8	850	5	2 1/4	2 5/16	1 3/8	1 1/4	3/4	0.49
M16	3781	125	57	59	35	32	19	0.22
3/4	900	6	2 3/8	2 3/4	1 3/8	1 1/4	3/4	0.87
M20	4004	150	60	60	35	32	19	0.39

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