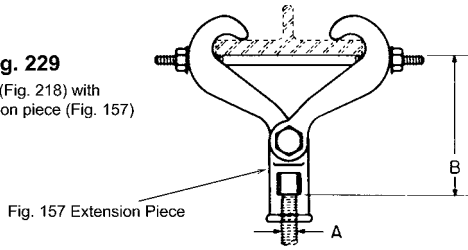


# FIG. 229 MALLEABLE BEAM CLAMP WITH EXTENSION PIECE

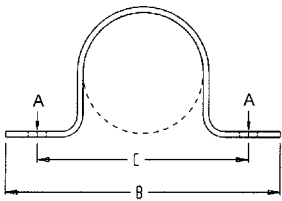
**Fig. 229**  
Clamp (Fig. 218) with  
Extension piece (Fig. 157)



- Material:** Malleable iron.
- Finish:** Plain or electro-galvanized.
- Service:** Designed for the suspension of a hanger rod from the center of an I-beam. The clamp accommodates flange widths of 2<sup>3</sup>/<sub>8</sub>" to 7". Flange thickness not to exceed .60 inches. Extension piece provides 1" of vertical adjustment.
- Approvals:** Complies with Federal Specification WW-H-171-E (Type# 30), A-A-1192 A (Type# 30) and Manufacturers' Standardization Society MSS SP-58 and SP-69 (Type# 30).
- Ordering:** Specify rod size, figure number and finish.

SIZE A	B ROD TAKE-OUT FOR WIDTH OF BEAM FLANGE						BOLT DIA	WGT EACH (lbs)	MAX REC LOAD (lbs)
	2 <sup>3</sup> / <sub>8</sub>	3	4	5	6	7			
3/8-16	4 <sup>3</sup> / <sub>4</sub>	4 <sup>11</sup> / <sub>16</sub>	4 <sup>9</sup> / <sub>16</sub>	4 <sup>3</sup> / <sub>16</sub>	3 <sup>13</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	7/16	2.42	610
1/2-13	4 <sup>7</sup> / <sub>8</sub>	4 <sup>13</sup> / <sub>16</sub>	4 <sup>11</sup> / <sub>16</sub>	4 <sup>5</sup> / <sub>16</sub>	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>4</sub>	7/16	2.63	1130
5/8-11	4 <sup>15</sup> / <sub>16</sub>	4 <sup>7</sup> / <sub>8</sub>	4 <sup>3</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>8</sub>	4	3 <sup>5</sup> / <sub>16</sub>	7/16	2.67	1365
3/4-10	5 <sup>3</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>8</sub>	5	4 <sup>5</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	3 <sup>9</sup> / <sub>16</sub>	7/16	2.87	1365
7/8-9	5 <sup>1</sup> / <sub>4</sub>	5 <sup>3</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	4 <sup>11</sup> / <sub>16</sub>	4 <sup>5</sup> / <sub>16</sub>	3 <sup>5</sup> / <sub>8</sub>	7/16	3.01	1365

# FIG. 231 TWO HOLE PIPE STRAP



- Material:** Pre-galvanized carbon steel.
- Finish:** Pre-galvanized.
- Service:** Designed as a light duty support of schedule 40/80 sized pipe. Attaches directly to horizontal or vertical structural member.
- Ordering:** Specify pipe size and figure number.
- Notes:** Available domestic

PIPE SIZE	PIPE OD	MATERIAL SIZE	A HOLE SIZE	B	C	WGT EACH (lbs)
1/4	0.540	22ga x 3/4	7/32	2 <sup>1</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>4</sub>	0.01
3/8	0.675	22ga x 3/4	7/32	2 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub>	0.03
1/2	0.840	18ga x 3/4	7/32	2 <sup>5</sup> / <sub>8</sub>	1 <sup>7</sup> / <sub>8</sub>	0.04
3/4	1.050	18ga x 3/4	7/32	2 <sup>3</sup> / <sub>4</sub>	2	0.07
1	1.315	16ga x 1	9/32	3 <sup>3</sup> / <sub>8</sub>	2 <sup>5</sup> / <sub>8</sub>	0.09
1 <sup>1</sup> / <sub>4</sub>	1.660	16ga x 1	9/32	4 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>4</sub>	0.10
1 <sup>1</sup> / <sub>2</sub>	1.900	15ga x 1	9/32	4 <sup>3</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>8</sub>	0.13
2	2.375	14ga x 1	9/32	5	4	0.18
2 <sup>1</sup> / <sub>2</sub>	2.875	12ga x 1	11/32	6 <sup>1</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>4</sub>	0.26
3	3.500	12ga x 1	11/32	7 <sup>1</sup> / <sub>4</sub>	5 <sup>3</sup> / <sub>4</sub>	0.32
4	4.500	12ga x 1	11/32	8 <sup>3</sup> / <sub>8</sub>	6 <sup>7</sup> / <sub>8</sub>	0.40
6	6.625	12ga x 1 <sup>1</sup> / <sub>4</sub>	11/32	11 <sup>1</sup> / <sub>8</sub>	9 <sup>5</sup> / <sub>8</sub>	0.75