

## Fig: 66

## Welded Beam Attachment

**Size Range:** 3/8" through 3 1/2"

**Material:** Carbon steel

**Finish:**  Plain or  Galvanized

**Service:** Recommended for attachment to bottom of beams, especially where loads are considerable and rod sizes are large.

**Maximum Temperature:** Plain 750° F, Galvanized 450° F

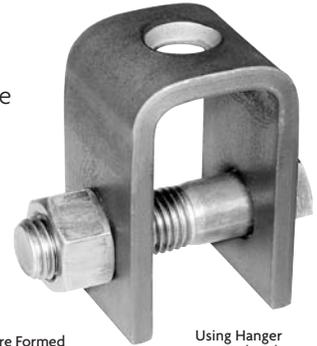
**Approvals:** Complies with Federal Specification A-A-1192A (Type 22), WW-H-171-E (Type 22), ANSI/MSS SP-69 and MSS SP-58 (Type 22).

**Installation:** If flexibility at the beam is desired, use with bolt and eye rod Fig. 278, page 79, or with weldless eye nut Fig. 290, page 83. If vertical adjustment is desired, use with threaded rod and nut and weld the attachment in an inverted position to the beam.

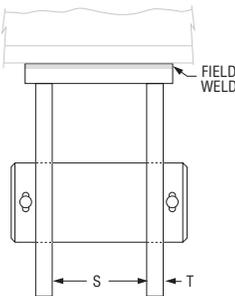
**Features:**

- Will accommodate very heavy loads and rod sizes through 3 1/2".
- Can be installed so as to provide for either flexibility or for vertical adjustment.
- Versatility affords economical stocking and erection.
- Beam size need not be considered.

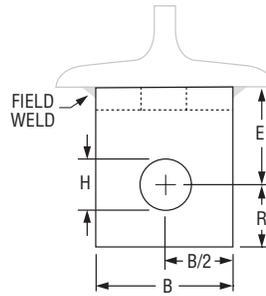
**Ordering:** Specify rod size, figure number, name and finish. Sizes 1" and smaller are typically supplied with a bolt and nut. Sizes 1 1/4" and larger are typically supplied with a pin and cotters.



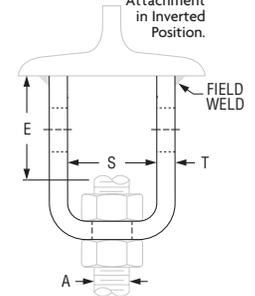
2" Rod Dia. and Larger are Fabricated.



1 1/4" Rod Dia. and Smaller are Formed using Bolt or Pin and Eye Rod.



Using Hanger Rod with Attachment in Inverted Position.



1 1/4" Rod Dia. and Smaller Only.

**FIG: 66: LOAD (LBS) • WEIGHT (LBS) • DIMENSIONS (IN)**

Rod Size A	Pin or Bolt Size	Max Load		Weight		Rod Take Out		B	H	R	S	T
		650° F	750° F	Without Bolt and Nut	With Bolt and Nut	E	E'					
3/8	1/2 x 2 1/2	730	572	0.96	1.2	1 7/8	2	2	9/16	7/8	1 1/4	1/4
1/2	5/8 x 2 1/2	1,350	1,057		1.3	1 3/4						
5/8	3/4 x 2 3/4	2,160	1,692		1.6							
3/4	7/8 x 4	3,230	2,530	1.9	2.8	3	2 1/2	1 5/16	1 1/8	1 7/8	3/8	
7/8	1 x 4	4,480	3,508	2.5	3.9			2 5/8	1 1/8	1 1/4		2
1	1 1/8 x 5	5,900	4,620	4.3	6.3			2 3/4	1 1/4	1 1/2		2 1/2
1 1/4	1 3/8 x 5 3/8	9,500	7,440	8.1	10.2	2 7/8	1 1/2	2	2 1/2	5/8		
1 1/2	1 5/8 x 6	13,800	10,807	15.6	19.0	—	4	5	1 3/4	2 1/2	3	3/4
1 3/4	1 7/8 x 6 7/8	18,600	14,566	18.7	24.2	—	5		2	2 3/4	3 3/4	
2	2 1/4 x 6 7/8	24,600	19,265	22.8	30.6	—	6		2 3/8	3 1/4	3 1/2	1/2
2 1/4	2 1/2 x 7 3/8	32,300	25,295	26.4	36.8	—		2 5/8	3 1/2			
2 1/2	2 3/4 x 7 5/8	39,800	31,169	26.7	39.7	—		2 7/8	3 3/4	3 3/4	5/8	
2 3/4	3 x 7	49,400	38,687	26.8	40.8	—		3 1/8	4			
3	3 1/4 x 7	60,100	47,066	32.6	46.7	—	6 1/4	7	3 3/8	4 1/2	4 1/4	3/4
3 1/4	3 1/2 x 7 3/4	71,900	56,307	45.1	62.1	—	7		3 5/8			
3 1/2	3 3/4 x 7 3/4	84,700	66,331	53.4	72.4	—	7 1/2		3 7/8			

**PROJECT INFORMATION**

**APPROVAL STAMP**

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