

☐ **Fig. 292: Right-Hand Thread** **Universal Forged Steel (UFS) Beam Clamp** ☐ **Fig. 292L: Left-Hand Thread** **with Weldless Eye Nut**

Material: Forged steel

Finish: ☐ Plain or ☐ Galvanized

Service: For suspension of heavy loads from beams with flange widths to 15" and flange thickness to 1.031.

Approvals: Complies with Federal Specification A-A-1192A (Type 28 without links; Type 29 with links), WW-H-171-E (Type 28 without links; Type 29 with links), ANSI/MSS SP-69 and MSS SP-58 (Type 28 without links; Type 29 with links).

Installation: Fit jaws over edges of lower beam flange and tighten nuts on tie rod to lock clamp in place.

Features:

- Weldless eye nut provides for horizontal pipe movement without binding.
- Weldless eye nut is furnished tapped to any specified rod size up to the maximum rod size.
- Tie rod assures a tight non-slip fit to the beam.
- Self locking nut with a nylon insert prevents the nut from working loose.

Ordering: Specify clamp size, figure number, name, rod size and finish.

Note: The application of a load to a structural beam by means of a beam clamp produces a transverse stress, perpendicular to the axis of the beam, in the flange to which the load is applied.

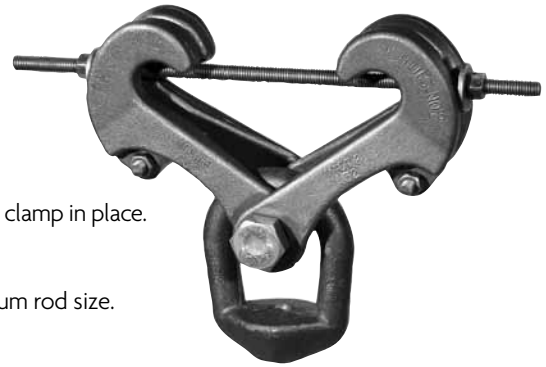


FIG. 292, FIG. 292L: LOADS (LBS) • WEIGHT (LBS) • DIMENSIONS (IN)

Clamp Size No.	Max Rod Size A	Max Load ■	Weight	Z Max ❖	B	Jaw and Eye Nut Size ▲
1	3/4	3,230	3.9	0.60	1 1/4	292 - 1 / 1
2	1	5,900	9.2		1 1/16	292 - 2 / 2
3 •			13.0			
4			21.7			
5 •			33.9	1.031	1 1/2	292 - 3 / 2
6	1 1/2	11,500	23.9		2 5/8	292 - 3 / 3
7 •			35.8			
8	2		36.8		4 9/16	292 - 3 / 4

▲ For reference only, order by clamp size.

• Furnished with links.

■ Note: Load capacity based on rod sizes shown. For load capacity of other rod sizes see page 233.

❖ For actual "Z" dimensions see table on page 234.

Clamp Size No.	Width of Beam Flange (in)													
	Rod Take Out - E (in)													
	3	4	5	6	7	8	9	10	11	12	13	14	15	
1	4½	4 ⁵ / ₁₆	4 ¹ / ₁₆	3 ⁵ / ₈	2 ⁷ / ₈	—	—	—	—	—	—	—	—	
2	—	4¾	4 ⁷ / ₁₆	4 ¹ / ₁₆	3 ³ / ₈	—	—	—	—	—	—	—	—	
3 •	—	—	—	—	5 ¹⁵ / ₁₆	6	5 ⁵ / ₁₆	5	—	—	—	—	—	
4	—	6 ¹³ / ₁₆	6 ⁵ / ₈	6 ³ / ₈	5 ⁷ / ₈	5 ⁷ / ₈	5 ³ / ₈	4 ¹³ / ₁₆	—	—	—	—	—	
5 •	—	—	—	—	—	—	—	—	8 ¹ / ₈	7¾	7 ¹ / ₈	6 ⁵ / ₈	6 ¹ / ₁₆	
6	—	7 ³ / ₁₆	7	6¾	6¼	6 ⁵ / ₁₆	5 ¹³ / ₁₆	5 ³ / ₁₆	—	—	—	—	—	
7 •	—	—	—	—	—	—	—	—	8½	8 ¹ / ₈	7½	7	6 ⁷ / ₁₆	
8	—	8 ⁵ / ₈	8 ⁷ / ₁₆	8 ³ / ₁₆	7¾	7¾	7¼	6 ⁵ / ₈	—	—	—	—	—	

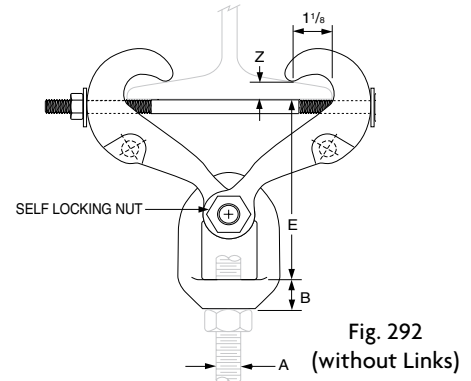


Fig. 292
(without Links)

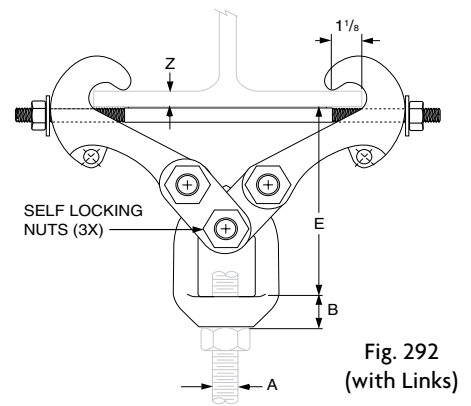


Fig. 292
(with Links)

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