

Fig. 292: Right-Hand Thread Universal Forged Steel (UFS) Beam Clamp

Fig. 292L: Left-Hand Thread with and without Weldless Eye Nut

Material: Forged steel

Finish: Plain or Zinc Plated

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 with Weldless Eye Nut



Fig. 292 without Weldless Eye Nut

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:		

Fig. 292: Right-Hand Thread

Universal Forged Steel (UFS) Beam Clamp

Fig. 292L: Left-Hand Thread

with and without Weldless Eye Nut

FIG. 292, FIG. 292L: DIMENSIONS (IN) • LOADS (LBS) • WEIGHT (LBS)						
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 11/16	292 - 2 / 2
3 •			13.0		1 1/2	292 - 3 / 2
4			21.7			
5 •	1 1/2	11,500	33.9	1.031	2 1/8	292 - 3 / 3
6			23.9			
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 technical data section of the pipe hanger catalog.

❖ For actual "Z" dimensions, see technical data section of the pipe hanger catalog.

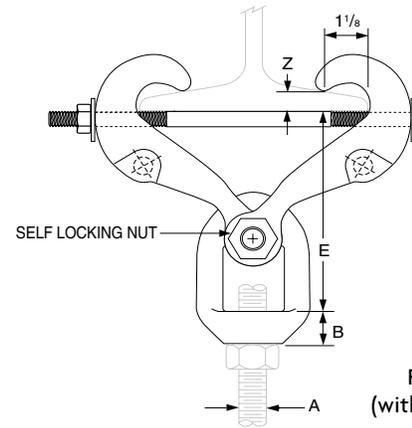


Fig. 292
(without Links)

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	4 1/2	4 5/16	4 1/16	3 5/8	2 7/8	-	-	-	-	-	-	-	-
2	-	4 3/4	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	7 3/4	7 1/8	6 5/8	6 1/16
6	-	7 3/16	7	6 3/4	6 1/4	6 5/16	5 13/16	5 3/16	-	-	-	-	-
7 •	-	-	-	-	-	-	-	-	8 1/2	8 1/8	7 1/2	7	6 7/16
8	-	8 5/8	8 7/16	8 3/16	7 3/4	7 3/4	7 1/4	6 5/8	-	-	-	-	-

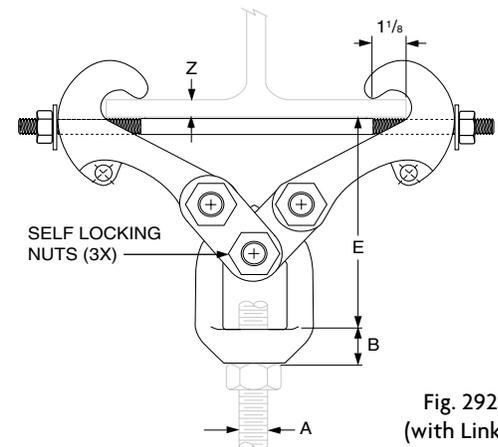


Fig. 292
(with Links)