

Fig. 228

Universal Forged Steel (UFS) Beam Clamp with UFS (Upper) Nut Right-Hand Thread

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 30 & 31), 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:

- Upper nut is tapped to any specified size up to the maximum rod size.
- Quickly, easily, economically installed.
- Tie rod insures a tight non-slip fit to the beam.
- Clamps are available, tapped to any specified rod size up to the maximum rod size.

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. Size per load, beam flange width and rod size

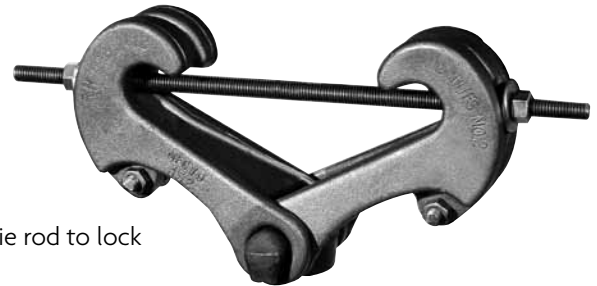


FIG. 228: LOADS (LBS) • WEIGHT (LBS) • DIMENSIONS (IN)

Clamp Size No.	Max Rod Size A	Max Load ■	Weight	Z Max ❖	B	Jaw and Nut Size ▲
1	5/8	2,160	3.3	0.60	1 1/16	228 - 1
2	7/8	4,480	7.0		1 3/8	228 - 2
3•	1 1/2	11,500	10.6	1.031	2 3/8	228 - 3
4			19.3			
5•			31.0			

▲ 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	1 9/16	1 1/2	1 5/16	1 1/8	3/4	—	—	—	—	—	—	—	—	—	—
2	—	1 7/16	—	—	1 1/16	—	—	—	—	—	—	—	—	—	—
3•	—	—	—	—	1 15/16	1 13/16	1 1/2	1 5/16	—	—	—	—	—	—	—
4	—	2 5/16	2 3/16	2 1/16	1 13/16	1 7/8	1 9/16	—	—	—	—	—	—	—	—
5•	—	—	—	—	—	—	—	3	2 11/16	2 9/16	2 1/4	1 15/16	1 5/8	—	—

• Furnished with links.

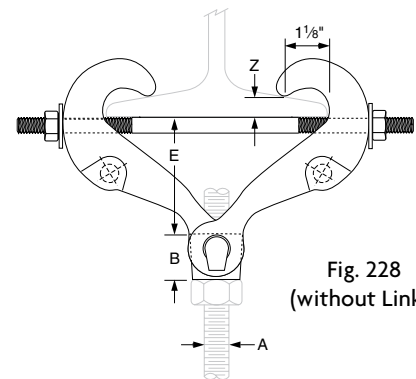


Fig. 228
(without Links)

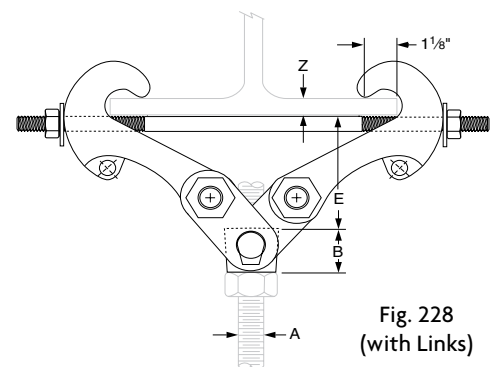


Fig. 228
(with Links)

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:			