

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

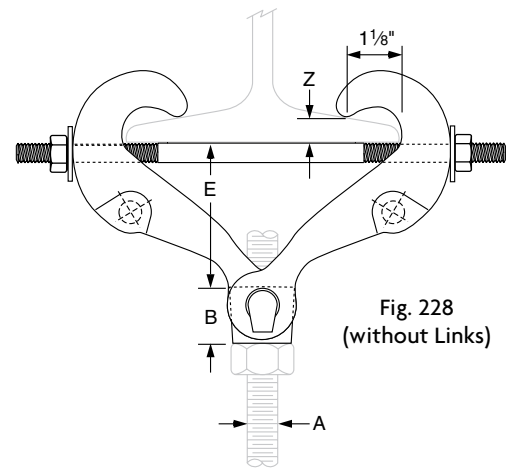
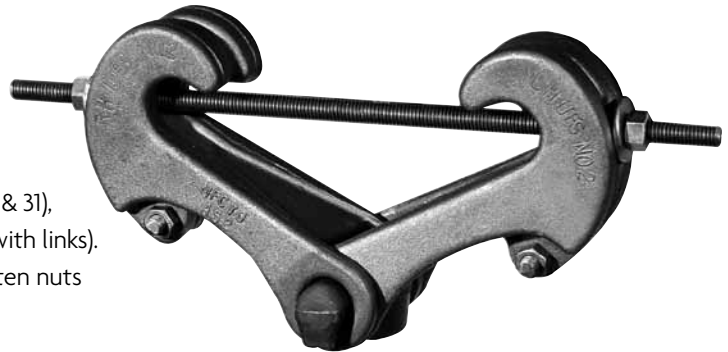


Fig. 228 (without Links)

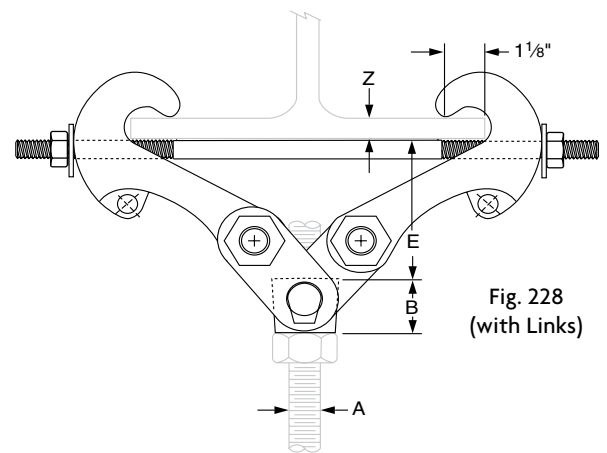


Fig. 228 (with Links)

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•			10.6	1.031	2 3/8	228 - 3
4	1 1/2	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 211.

❖ For actual "Z" dimensions see table on page 213.

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.

