

## 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).

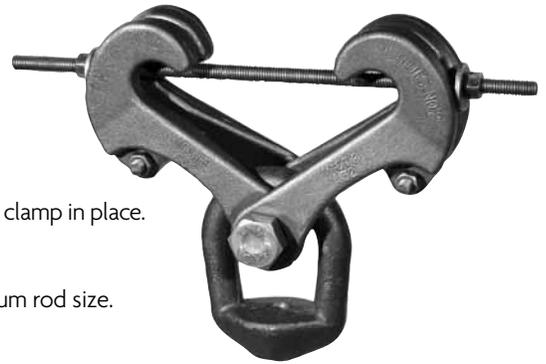
**Installation:** Fit jaws over edges of lower beam flange and tighten nuts on tie rod to lock clamp in place.

**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)

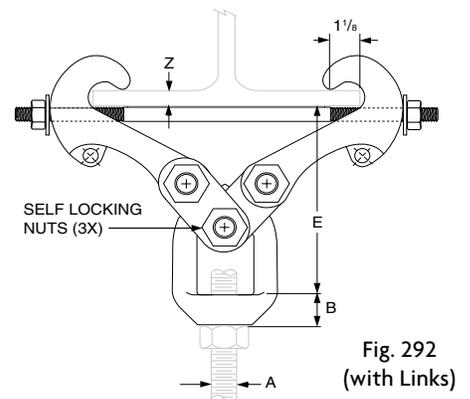
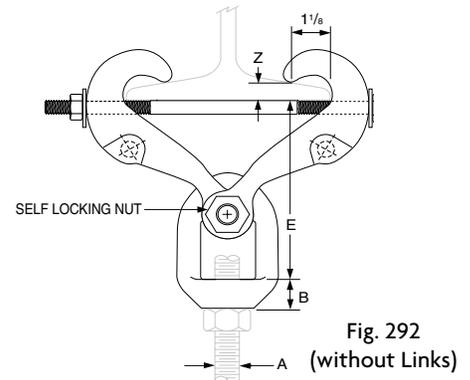
| Clamp Size No. | Max Rod Size A | Max Load ■ | Weight | Z Max ❖ | B      | Jaw and Eye Nut Size ▲ |
|----------------|----------------|------------|--------|---------|--------|------------------------|
| 1              | 3/4            | 3,230      | 3.9    | 0.60    | 1 1/4  | 292 - 1 / 1        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

| 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:            |  |  |  |