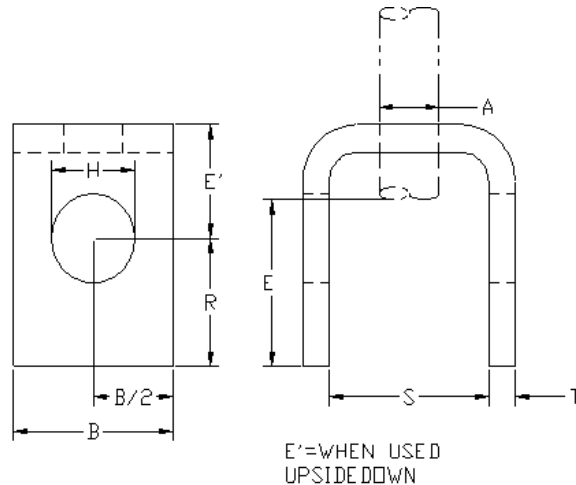
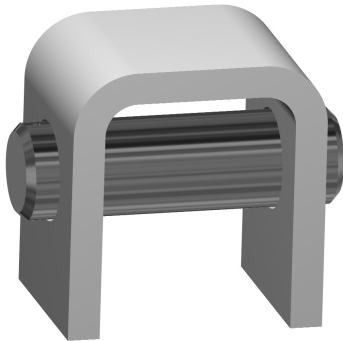


# Part # 100

## Beam Attachments Welded Beam Attachment



**SIZE RANGE:** 3/8" to 3 1/2" inches

**MATERIAL TYPES:** Carbon Steel

**FINISH:** Black, Galvanized, or coated to customer specifications

**APPLICATIONS:** Recommended for attachment to bottom of steel where extreme loads are present and rod sizes are large.

**APPROVALS:** Complies with Manufacturers Standardization Society SP-69 (Type 22)

**HOW TO SIZE:** Size of attachments is determined by size of rod.

**ORDERING:** Specify rod size, part number, name, and finish. Specify (with bolt and nut) if required for 1" inch rod size and smaller. Specify (with pin and cotter pins) if required for 1 1/4" inch rod size and larger.

### Loads (lbs) • Weights (lbs) • Dimensions (inches)

| Rod Size<br>A | *Bolt Size    | *Maximum Load |       | Weight               |                   | Rod Take-off |       | B     | H     | R     | S     | T   |
|---------------|---------------|---------------|-------|----------------------|-------------------|--------------|-------|-------|-------|-------|-------|-----|
|               |               | 650 F         | 750 F | Without bolt and nut | With bolt and nut | E            | E'    |       |       |       |       |     |
| 3/8           | 1/2 X 2 1/2   | 730           | 572   | 0.96                 | 1.20              | 1 7/8        | 2     | 2     | 9/16  | 7/8   | 1 1/4 | 1/4 |
| 1/2           | 5/8 X 2 1/2   | 1350          | 1057  | 0.96                 | 1.30              | 1 3/4        | 2     | 2     | 11/16 | 7/8   | 1 1/4 | 1/4 |
| 5/8           | 3/4 X 2 3/4   | 2160          | 1692  | 0.96                 | 1.60              | 1 3/4        | 2     | 2     | 13/16 | 7/8   | 1 1/4 | 1/4 |
| 3/4           | 7/8 X 4       | 3230          | 2530  | 1.90                 | 2.80              | 1 3/4        | 2     | 2 1/2 | 15/16 | 1 1/8 | 1 7/8 | 3/8 |
| 7/8           | 1 X 4         | 4480          | 3508  | 2.50                 | 3.90              | 2 5/8        | 3     | 2 1/2 | 1 1/8 | 1 1/4 | 2     | 3/8 |
| 1             | 1 1/8 X 5     | 5900          | 4620  | 4.30                 | 6.30              | 2 3/4        | 3     | 3     | 1 1/4 | 1 1/2 | 2 1/2 | 1/2 |
| 1 1/4 **      | 1 3/8 X 5 3/8 | 9500          | 7440  | 8.10                 | 10.20             | -            | 3     | 4     | 1 1/2 | 2     | 2 1/2 | 5/8 |
| 1 1/2 **      | 1 5/8 X 6     | 13800         | 10807 | 15.60                | 19.00             | -            | 4     | 5     | 1 3/4 | 2 1/2 | 3     | 3/4 |
| 1 3/4 **      | 1 7/8 X 6 7/8 | 18600         | 14566 | 18.70                | 24.20             | -            | 5     | 5     | 2     | 2 3/4 | 3 3/4 | 3/4 |
| 2 **          | 2 1/4 X 7 3/8 | 24600         | 19265 | 22.80                | 30.60             | -            | 5     | 6     | 2 3/8 | 3 1/4 | 3 1/2 | 1/2 |
| 2 1/4 **      | 2 1/2 X 7 3/8 | 32300         | 25295 | 26.40                | 36.80             | -            | 6     | 6     | 2 5/8 | 3 1/2 | 3 1/2 | 5/8 |
| 2 1/2 **      | 2 3/4 X 7 5/8 | 39800         | 31169 | 26.70                | 39.70             | -            | 6     | 6     | 2 7/8 | 3 3/4 | 3 3/4 | 5/8 |
| 2 3/4 **      | 3 X 7         | 49400         | 38687 | 26.80                | 40.80             | -            | 5 3/4 | 6     | 3 1/8 | 4     | 3 3/4 | 5/8 |
| 3 **          | 3 1/4 X 7     | 60100         | 47066 | 32.60                | 46.70             | -            | 6 1/4 | 7     | 3 3/8 | 4     | 3 3/4 | 5/8 |
| 3 1/4 **      | 2 1/2 X 7 3/4 | 71900         | 56307 | 45.10                | 62.10             | -            | 7     | 7     | 3 5/8 | 4 1/2 | 4 1/4 | 3/4 |
| 3 1/2 **      | 3 3/4 X 7 3/4 | 84700         | 66331 | 53.40                | 72.40             | -            | 7 1/2 | 8     | 3 7/8 | 4 1/2 | 4 1/4 | 3/4 |

\*\* 1 1/4" and larger are made with welded joints and comes with cotter pins

\* Based on the allowable stresses shown in the ASME Code for Pressure Piping