

BEAM CLAMP 300

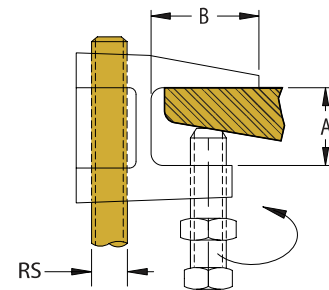
Universal Ductile Iron Beam Clamp

- Size Range: 3/8", 1/2", 5/8", 3/4" and 7/8" rod sizes
- Surface Finish: Black, Electro-zinc plated
- Structural attachment to top or bottom of metal beams, purlins, channel, or angle iron
- Setscrew made of hardened steel
- For retainer straps see Models 300C and 035RS
- Available with a HD finish by special order
- Conforms with Federal Specification WW-H-171 (Type 23), Manufacturers Standardization Society ANSI/MSS-SP-58 (Type 19 & 23), install in accordance with ANSI/MSS-SP-69
- Setscrew must be tightened and torqued onto the sloped side of the I-beam



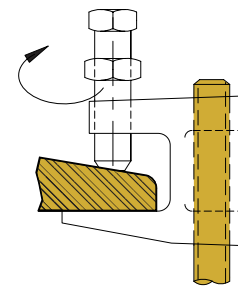
| Part Number | RS | A | B | Set Screw | Max. Rec. Load (lbs) | |
|----------------------------|-----|------|--------|-----------|----------------------|--------|
| Plain Finish | | | | | Top | Bottom |
| 3000037PL * | 3/8 | 3/4" | 1-1/8" | 3/8" | 500 | 250 |
| 3000050PL * | 1/2 | 3/4" | 1-1/8" | 7/16" | 950 | 760 |
| 3000062PL | 5/8 | 3/4" | 1-1/8" | 3/8" | 950 | 760 |
| 3000075PL | 3/4 | 3/4" | 1-1/8" | 3/8" | 950 | 760 |
| 3000087PL | 7/8 | 3/4" | 1-1/8" | 3/8" | 950 | 760 |
| Electro-zinc Plated Finish | | | | | | |
| 3000037EG * | 3/8 | 3/4" | 1-1/8" | 3/8" | 500 | 250 |
| 3000050EG * | 1/2 | 3/4" | 1-1/8" | 7/16" | 950 | 760 |
| 3000062EG | 5/8 | 3/4" | 1-1/8" | 3/8" | 950 | 760 |
| 3000075EG | 3/4 | 3/4" | 1-1/8" | 3/8" | 950 | 760 |
| 3000087EG | 7/8 | 3/4" | 1-1/8" | 3/8" | 950 | 760 |

*Theses sizes are FM approved



TOP

May be mounted in either position



BOTTOM

Recommended Torque** (for setscrews):

| Setscrew Size | 1/4-20 | 3/8-16 | 7/16-14 | 1/2-13 | 5/8-11 | 3/4-10 |
|---------------|--------|--------|---------|--------|--------|--------|
| Foot-lbs | 4 | 5 | 8 | 11 | 21 | 34 |
| Nm | (5) | (7) | (11) | (15) | (28) | (46) |

**Recognizing that torque wrenches are generally not used or available on many job sites, the setscrew should be tightened so it contacts the I-beam and then an additional 1/4 to 1/2 turn added.

