

# Beam Clamps

## B303-B309 - Beam Clamp

**Size Range:** 1/4"-20 thru 5/8"-11 rod

**Material:** Steel

**Function:** Designed for attaching a hanger rod to the flange of a beam.

**Approvals:** Conforms to Federal Specification WW-H-171E & A-A-1192A, Type 19 and Manufacturers Standardization Society ANSI/MSS SP-69 & SP-58, Type 19.

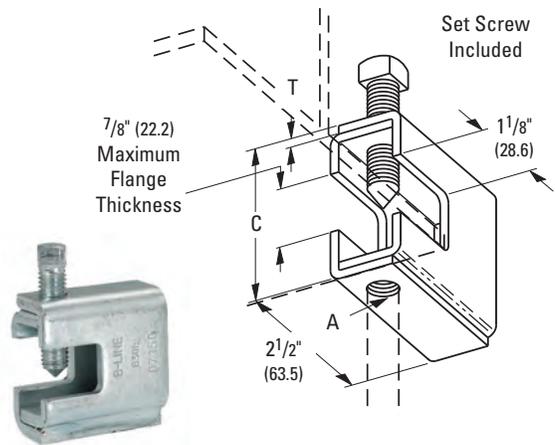
**Finish:** Electro-Galvanized or Hot-Dip Galvanized

**Order By:** Part number and finish. When retaining strap is required, order B312 separately. See page 39.

**Recommended Set Screw Torque:**

3/8"-16 = 150 in-lbs (16.9 N•m)

1/2"-13 = 350 in-lbs (39.5 N•m)



Part No.	Rod Size A	Setscrew Size	C		T		Design Load Lbs. (kN)	Approx. Wt./100 Lbs. (kg)
			in.	(mm)	in.	(mm)		
<b>B303</b>	1/4"-20	3/8"-16	2 <sup>5</sup> / <sub>16</sub> "	(58.7)	11 Ga.	(3.0)	400 (1.78)	72 (32.6)
<b>B304</b>	5/16"-18	3/8"-16	2 <sup>5</sup> / <sub>16</sub> "	(58.7)	11 Ga.	(3.0)	600 (2.67)	72 (32.6)
<b>B305</b>	3/8"-16	3/8"-16	2 <sup>5</sup> / <sub>16</sub> "	(58.7)	11 Ga.	(3.0)	600 (2.67)	72 (32.6)
<b>B306</b>	3/8"-16	1/2"-13	2 <sup>7</sup> / <sub>16</sub> "	(61.9)	7 Ga.	(4.5)	1100 (4.89)	97 (44.0)
<b>B307</b>	1/2"-13	1/2"-13	2 <sup>7</sup> / <sub>16</sub> "	(61.9)	7 Ga.	(4.5)	1100 (4.89)	97 (44.0)
<b>B308</b>	1/2"-13	1/2"-13	2 <sup>9</sup> / <sub>16</sub> "	(65.1)	1/4"	(6.3)	1500 (6.67)	133 (60.3)
<b>B309</b>	5/8"-11	1/2"-13	2 <sup>9</sup> / <sub>16</sub> "	(65.1)	1/4"	(6.3)	1500 (6.67)	133 (60.3)

Beam Clamps

## Fig. B321 - Series Beam Clamp

**Size Range:** 3/8"-16 thru 3/4"-10 rod

**Material:** Steel

**Function:** Designed for attaching a hanger rod to the flange of a beam.

**Approvals:** Conforms to Federal Specification WW-H-171E & A-A-1192A, Type 19 and Manufacturers Standardization Society ANSI/MSS SP-69 & SP-58, Type 19.

**Finish:** Electro-Galvanized or Hot-Dip Galvanized

**Ordering:** Part number and finish. When retaining strap is required, order B312 separately. See page 39.

**Recommended Set Screw Torque:**

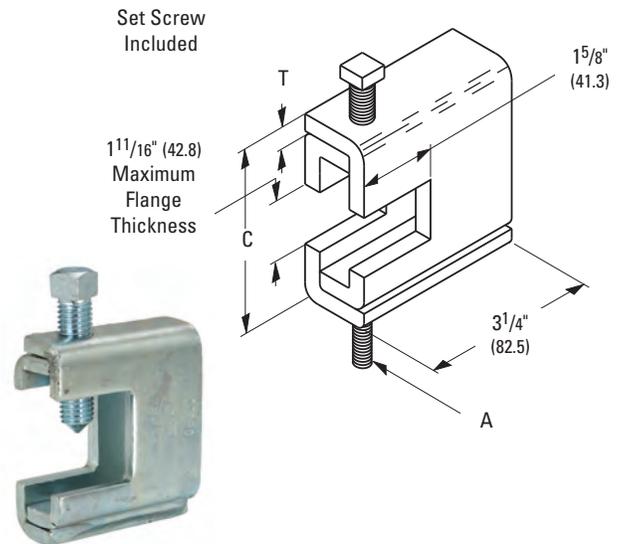
1/2"-13 = 350 in-lbs (39.5 N•m)

5/8"-11 = 700 in-lbs (79.0 N•m)

**Minimum Flange Thickness:**

For B321-1 thru B321-3 = 3/8" (9.5)

For B321-4 & B321-5 = 5/8" (15.9)



Part No.	Rod Size A	Setscrew Size	C		T		Design Load Lbs. (kN)	Approx. Wt./100 Lbs. (kg)
			in.	(mm)	in.	(mm)		
<b>B321-1</b>	3/8"-16	1/2"-13	3 <sup>9</sup> / <sub>16</sub> "	(92.1)	1/4"	(6.3)	1300 (5.78)	187 (84.8)
<b>B321-2</b>	1/2"-13	1/2"-13	3 <sup>9</sup> / <sub>16</sub> "	(92.1)	1/4"	(6.3)	1400 (6.23)	186 (84.3)
<b>B321-3</b>	5/8"-11	1/2"-13	3 <sup>9</sup> / <sub>16</sub> "	(92.1)	1/4"	(6.3)	1600 (7.12)	185 (83.9)
<b>B321-4</b>	5/8"-11	5/8"-11	3 <sup>23</sup> / <sub>32</sub> "	(94.4)	5/16"	(7.9)	1800 (8.00)	239 (108.4)
<b>B321-5</b>	3/4"-10	5/8"-11	3 <sup>23</sup> / <sub>32</sub> "	(94.4)	5/16"	(7.9)	2000 (8.89)	238 (107.9)

All dimensions in charts and on drawings are in inches. Dimensions shown in parentheses are in millimeters unless otherwise specified.