

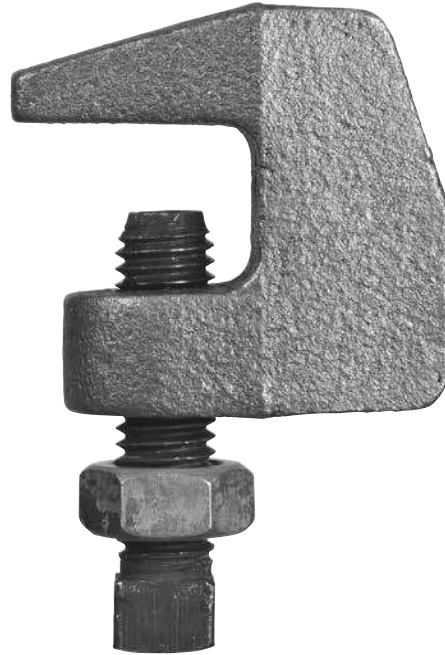
5.0 Installation System Hangers

5.2 Beam clamps

BC Beam clamp

Product Features

- To secure threaded rod installations to steel beams
- No drilling or welding necessary
- Each set for an installation is completely pre-assembled and suits all usual sizes of I-beams
- Flexibility and no loss of spare parts



Material Specifications

Material	ASTM A536 ductile iron casting with a hardened cup point set screw and locknut
Finish	Plain or electro-galvanized Pre-galvanized carbon steel retainer strap
Approvals	Factory Mutual (FM) 3/8" through 1/2"
Listings	Underwriters Laboratories (UL- cUL) 3/8" through 3/4"
Conforms with	<ul style="list-style-type: none"> • Federal specification WW-H-171 (Type 19) • Manufacturers Standardization Society MSS-SP-58 (Type 19)
Installation	Install in accordance with ANSI/MSS-SP-58

Note: Set screw must be tightened onto the sloped side of the I-Beam, channel or angle iron flange. Required torque values for the set screw are as shown in the table

Ordering Information / Technical Data

Description	Min. Set-Screw Torque (ft-lb) ¹	Max. Set-Screw Torque (ft-lb) ¹	Rod Size	Max. Pipe Size	Box Qty	Item No.	Maximum Allowable Load (lb) ²	
							Top Flange	Bottom Flange
BC 3/8"	5.0	7.5	3/8"	4"	100	257366	500	250
BC 1/2"	5.0	7.5	1/2"	8"	50	257367	950	760
BC 5/8"	10.0	15.0	5/8"	8"	50	257368	950	760
BC 3/4"	10.0	15.0	3/4"	8"	50	257369	950	760
BC-EG 1/4"	3.5	5.0	1/4"	-	100	258002	250	100
BC-EG 3/8"	5.0	7.5	3/8"	4"	100	306600	500	250
BC-EG 1/2"	5.0	7.5	1/2"	8"	50	306601	950	760
Retainer Strap³	-	-	3/8" / 1/2"	-	1	424238	-	-

CAUTION! Correct torquing is essential for proper clamp performance

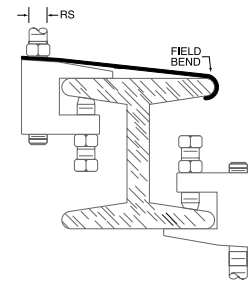
1 Note: In the absence of a torque wrench:

MINIMUM: The set-screw should be finger tightened to the I-Beam and then an additional one-third turn applied to the set-screw

MAXIMUM: The set-screw should be finger tightened to the I-Beam and then an additional one-half turn applied to the set-screw

2 Based on a safety factor of 3.5

3 Field bend and use jam nut over hanger to secure



Retainer Strap



7/16" hole

9/16" hole