

Our beam attachments and pipe supports offered in this section are designed to provide supports without drilling or welding. A complete selection of beam clamps, pipe clamps, rollers, supports and accessories are designed for use with our channels and offer many installation advantages.

Materials & Finishes (Unless otherwise noted)
Pipe clamps, pipe hangers, beam clamps, brackets, and rollers are made from low carbon steel strips, plates or rod unless noted.

Note: A minimum order may apply on special material and finishes.

Finish Code	Finish	Specification
PLN	Plain	ASTM A1018 Gr. 33 ASTM A1011 SS Grade 33
ZN	Electro-Plated Zinc	ASTM B633 SC3 Type III or ASTM A653
GRN	DURA GREEN™	
–	Malleable Iron	ASTM A47 Gr. 32510
HDG	Hot-Dipped Galvanized	ASTM A123
CZ	Chromium Zinc	ASTM F1136 Gr. 3
SS4	Stainless Steel Type 304	ASTM A240
SS6	Stainless Steel Type 316	ASTM A240
AL	Aluminum	ASTM B209

Load Data
The load data published includes a safety factor of 5.0 unless noted (safety factor = ratio of ultimate load to the design load).

Recommended Torque For Setscrews (unless noted)

See chart on page 106 for recommended torquing of bolts (not setscrews).

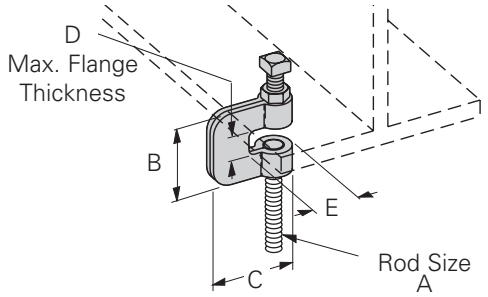
Setscrew Size	1/4"-20	3/8"-16	1/2"-13
Foot/Lbs.	4	5	11
Nm	5	7	15

Setscrew Size	5/8"-11	3/4"-10
Foot/Lbs.	21	34
Nm	28	46

Metric
Metric dimensions are shown in parentheses. Unless noted, all metric dimensions are in millimeters.

B351L
Steel C-Clamp with Locknut

- Safety Factor of 5
- Setscrew and locknut included
- When Retaining Strap is required, order B3362, B3363 or B3365 separately
- Standard finishes: ZN, SS4, PLN



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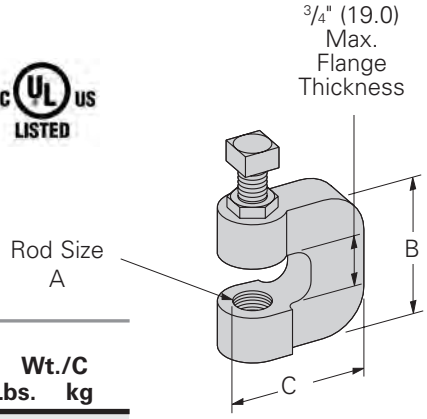
* 3/8 Thru 3/4 Sizes Only

Part Number With Locknut	Rod Size A	B In.	B mm	C In.	C mm	D In.	D mm	E In.	E mm	Design Load Lbs.	Design Load kN	Wt./C Lbs.	Wt./C kg
B351L-3/8 *	3/8"-16	2 3/8"	(60.3)	2 3/8"	(60.3)	3/4"	(19.0)	1 3/8"	(34.9)	230	(1.03)	41	(18.6)
B351L-1/2 *	1/2"-13	2 3/8"	(60.3)	2 3/8"	(60.3)	3/4"	(19.0)	1 3/8"	(34.9)	380	(1.71)	41	(18.6)
B351L-5/8 *	5/8"11	2 3/8"	(60.3)	2 1/4"	(57.1)	3/4"	(19.0)	1 3/8"	(34.9)	550	(2.47)	60	(27.2)
B351L-3/4 *	3/4"-10	2 3/8"	(60.3)	3 1/4"	(82.5)	3/4"	(19.0)	1 3/8"	(34.9)	630	(2.83)	71	(32.2)
B351L-7/8	7/8"-9	3"	(76.2)	3 1/4"	(82.5)	1"	(25.4)	1 7/8"	(47.6)	1200	(5.34)	184	(83.4)

B3036L
C-Clamp with Locknut

- Safety Factor of 5
- When Retaining Strap is required, order B3363 or B3364 separately
- Setscrew and locknut included
- Material: Malleable iron
- Standard finishes: ZN, PLN

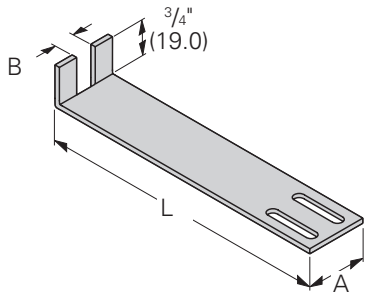
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Part Number With Locknut	Rod Size A	B In.	B mm	C In.	C mm	Design Load Lbs.	Design Load kN	Wt./C Lbs.	Wt./C kg
B3036L-3/8	3/8"-16	1 3/4"	(44.4)	1 3/4"	(44.4)	300	(0.89)	29	(13.1)
B3036L-1/2	1/2"-13	1 3/4"	(44.4)	1 3/4"	(44.4)	380	(1.69)	28	(12.7)
B3036L-5/8	5/8"-11	2"	(50.8)	1 7/8"	(47.6)	530	(2.36)	55	(24.9)
B3036L-3/4	3/4"-10	2"	(50.8)	2"	(50.8)	530	(2.36)	72	(32.6)

B3362 thru B3365
Retaining Strap

- †When ordering specify L (Length) as a suffix to the part number
- Material: 14 gauge (1.9)
- Standard finishes: GALV, SS4



Part No.	Wt./C for Length L of 6" (152.4) Lbs.	6" (152.4) kg	8" (203.2) Lbs.	8" (203.2) kg	10" (254.0) Lbs.	10" (254.0) kg	12" (304.8) Lbs.	12" (304.8) kg	A In.	A mm	B In.	B mm	For Use With
B3362†	17	(7.7)	24	(10.9)	31	(14.0)	38	(17.2)	1 1/4"	(31.7)	7/16"	(11.1)	B351-3/8 & 1/2
B3363†	16	(7.2)	23	(10.4)	30	(13.6)	37	(16.8)	1 1/4"	(31.7)	5/8"	(15.9)	B351-5/8 & 3/4 B3036-3/8 & 1/2
B3364†	16	(7.2)	23	(10.4)	30	(13.6)	37	(16.8)	1 1/4"	(31.7)	11/16"	(17.4)	B3036-5/8 & 3/4
B3365†	21	(9.5)	29	(13.1)	37	(16.8)	46	(20.8)	1 1/2"	(38.1)	3/4"	(19.0)	B351-7/8

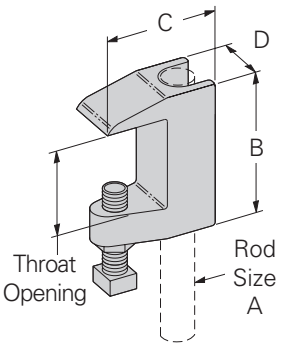
† See note above.

Reference page 154 for general fitting and standard finish specifications.

B3033
Reversible Wide Jaw Wedge C-Clamp (Malleable Iron)

- Safety Factor of 5
- Setscrew and locknut included
- Material: Malleable iron
- Standard finishes: HDG with ZN hardware, PLN

Throat Openings
1 1/4" (31.7) For 3/8 & 1/2 Sizes
1 5/16" (33.3) For 5/8 & 3/4 Sizes



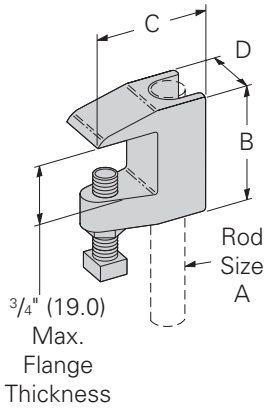
Part No.	Rod Size A	B In.	B mm	C In.	C mm	D In.	D mm	Design Load Lbs.	Design Load kN	Wt./C Lbs.	Wt./C kg	UL Max. Pipe Size In.	UL Max. Pipe Size mm
B3033-3/8	3/8"-16	2 1/4"	(57.1)	2"	(50.8)	1 1/8"	(28.6)	500	(2.22)	46	(20.8)	4"	(100)
B3033-1/2	1/2"-13	2 5/16"	(58.7)	2 3/16"	(55.5)	1 1/4"	(31.7)	810	(3.60)	64	(29.0)	8"	(200)
B3033-5/8	5/8"-11	2 5/8"	(66.7)	2 1/2"	(63.5)	1 3/8"	(34.9)	1000	(4.48)	116	(52.6)	8"	(200)
B3033-3/4	3/4"-10	2 11/16"	(68.3)	2 1/2"	(63.5)	1 7/16"	(36.5)	1400	(6.22)	140	(63.5)	10"	(250)

B3034
Wedge C-Clamp

- Safety Factor of 5
- 3/4" (19.0) Max. flange thickness
- Setscrew and locknut included
- Material: Malleable iron
- Standard finishes: HDG with ZN hardware, PLN

Note:
3/8" & 1/2" Sizes Are Reversible Style

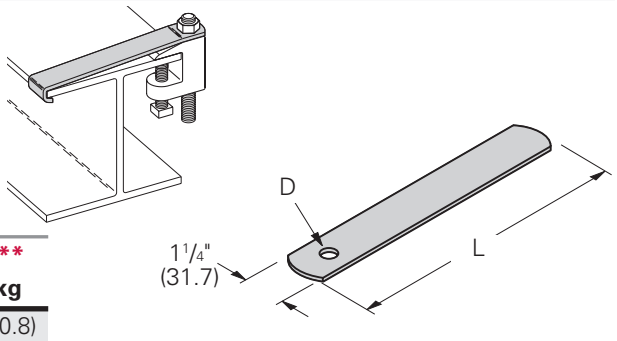
* 3/8 & 1/2 Sizes Only



Part No.	Rod Size A	B In.	B mm	C In.	C mm	D In.	D mm	Design Load Lbs.	Design Load kN	Wt./C Lbs.	Wt./C kg	UL Max. Pipe Size In.	UL Max. Pipe Size mm
B3034-3/8*	3/8"-16	1 5/8"	(41.3)	2"	(50.8)	7/8"	(22.2)	560	(2.49)	54	(24.5)	4"	(100)
B3034-1/2*	1/2"-13	1 13/16"	(46.0)	2 3/16"	(55.5)	1 3/16"	(30.2)	810	(3.60)	51	(23.1)	8"	(200)
B3034-5/8	5/8"-11	1 3/4"	(44.5)	2 1/8"	(54.0)	1 1/8"	(28.6)	1000	(4.48)	70	(31.7)	—	—
B3034-3/4	3/4"-10	2"	(50.8)	2 1/4"	(57.2	1 1/8"	(28.6)	1500	(6.67)	98	(44.4)	—	—

Fig. 69 (Formally B-Line B3367)
Retaining Strap

- Specify 'L' lengths required
- Minimum recommended return on strap is 1" (25.4)
- Material: Pre-Galvanized Steel
- Standard finishes: GALV

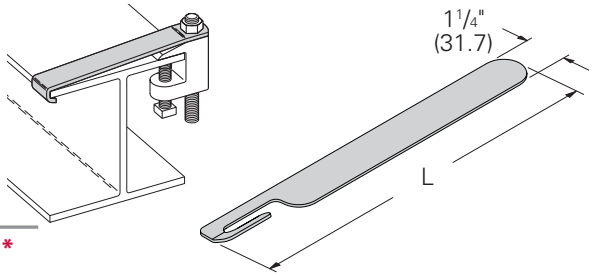


Part No.	Hole Dia. D In.	Hole Dia. D mm	For Use	Wt./C** Lbs.	Wt./C** kg
69-3/8-L	7/16"	(30.1)	B3033-3/8, B3034-3/8 & 65XT-3/8	23.9	(10.8)
69-1/2-L	9/16"	(30.1)	B3033-1/2 & B3034-1/2	23.6	(10.7)
69-5/8-L	11/16"	(50.8)	B3033-5/8	23.2	(10.5)
69-3/4-L	13/16"	(63.5)	B3033-3/4	22.7	(10.3)

** Wt./C based on 6" (152.4) length. For each additional inch in strap length add 4.2 Lbs (1.9 kg) to Wt./C.

Fig. 69R
Retrofit Retaining Strap

- Specify 'L' lengths required
- Minimum recommended return on strap is 1" (25.4)
- Material: Pre-Galvanized Steel
- Standard finishes: GALV



Part No.	Slot Width In.	Slot Width mm	For Use	Wt./C** Lbs.	Wt./C** kg
69R-3/8-L	7/16"	(30.1)	B3033-3/8, B3034-3/8 & 65XT-3/8	22.9	(10.4)
69R-1/2-L	9/16"	(30.1)	B3033-1/2 & B3034-1/2	22.6	(10.2)

** Wt./C based on 6" (152.4) length. For each additional inch in strap length add 4.2 Lbs (1.9 kg) to Wt./C.

Reference page 154 for general fitting and standard finish specifications.

Fig. 65XT
Reversible C-Type Beam Clamp

- Safety Factor of 5
- 3/4" (19.0) Max. flange thickness
- Setscrew and locknut included
- Maximum pipe size 4" (100)
- Design Load 610 Lbs. (2.71kN)
- Material: Steel
- Standard finishes: ZN, PLN

Rod Size
3/8"-16

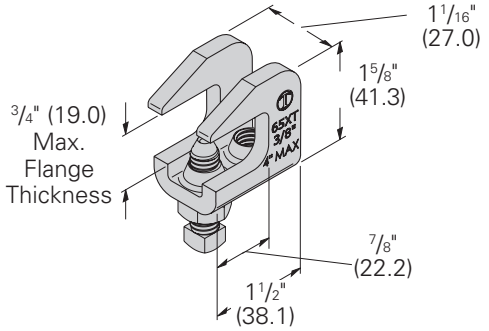


Fig. 65
Reversible Steel C-Type Beam Clamp - 3/4" (19.0mm) Throat Opening

Fig. 66
Reversible Steel C-Type Beam Clamp - 1 1/4" (31.7mm) Throat Opening

- Safety Factor of 5
- Maximum pipe size 4" (100) for 3/8"-16 rods
- Maximum pipe size 8" (100) for 1/2"-13 rods
- Material: Steel
- Standard finishes: ZN, PLN

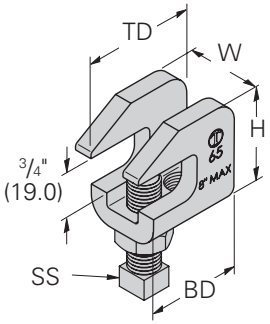


Fig. 65

Setscrews and locknuts included

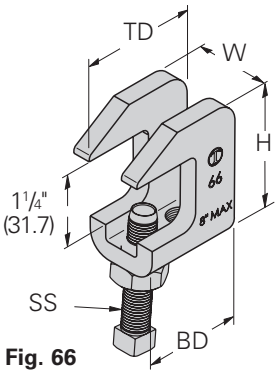


Fig. 66

Part No.	Rod Size	Set Screw SS	TD in. (mm)	BD in. (mm)	H in. (mm)	W in. (mm)	Mac. Rec Load* Lbs. (kN)	Approx. Wt./100 Lbs. (kg)
65-1/2	1/2"-13	1/2"-13 x 1 3/4"	1 15/16" (49.2)	1 5/8" (41.3)	1 7/8" (47.6)	1 1/4" (31.7)	1130 (31.7)	55 (24.9)
65-5/8	5/8"-11	1/2"-13 x 1 3/4"	1 15/16" (49.2)	1 5/8" (41.3)	1 7/8" (47.6	1 1/4" (31.7)	1130 (31.7)	55 (24.9)
66-3/8	3/8"-16	3/8"-16 x 2"	1 1/2" (38.1)	1 13/32" (35.7)	2 3/16" (55.6)	1" (25.4)	610 (2.71)	28 (12.7)
66-1/2	1/2"-13	1/2"-13 x 2"	2" (50.8)	1 21/32" (42.0)	2 7/16" (61.9)	1 1/4" (31.7)	1130 (31.7)	55 (24.9)
66-5/8	5/8"-11	1/2"-13 x 1 3/4"	2" (50.8)	1 21/32" (42.0)	2 7/16" (61.9)	1 1/4" (31.7)	1130 (31.7)	55 (24.9)

* Maximum loads for clamp with set screw in up or down position.

Fig. 67SS & Fig. 68SS
Reversible Stainless Steel C-Type Beam Clamp

- Safety Factor of 5
- Maximum pipe size 4" (100) for 3/8"-16 rods
- Maximum pipe size 8" (100) for 1/2"-13 rods
- Material: Stainless Steel
- Standard finishes: ZN, PLN

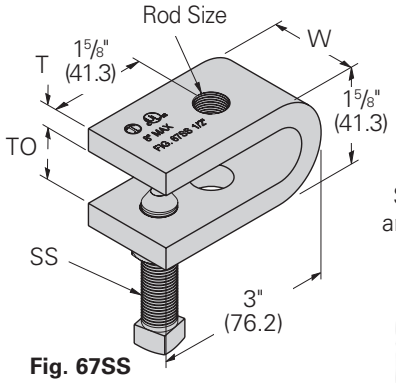


Fig. 67SS

Setscrews and locknuts included

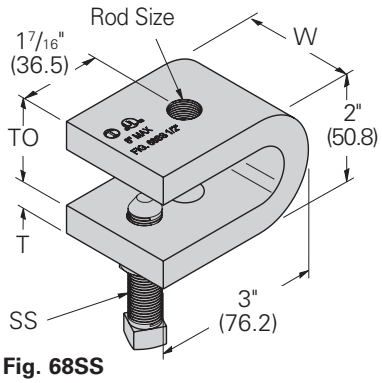


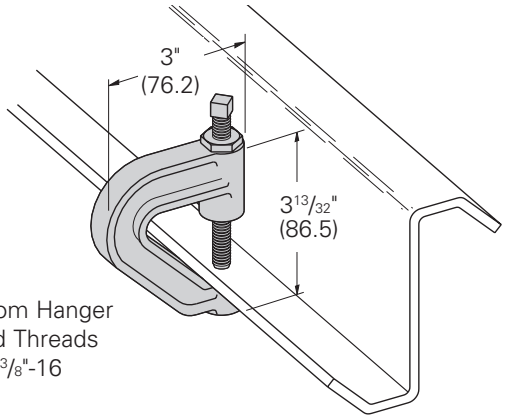
Fig. 68SS

Part No.	Rod Size	Set Screw SS	T in. (mm)	W in. (mm)	TO in. (mm)	Mac. Rec Load* Lbs. (kN)	Approx. Wt./100 Lbs. (kg)
67SS-3/8	3/8"-16	3/8"-16 x 1 1/2"	3/8" (9.6)	1" (25.4)	7/8" (22.2)	1500 (6.67)	68 (30.8)
67SS-1/2	1/2"-13	1/2"-13 x 2"	3/8" (9.6)	1 1/2" (38.1)	7/8" (22.2)	4050 (18.0)	107 (48.5)
68SS-3/8	3/8"-16	3/8"-16 x 1 1/2"	3/8" (9.6)	1 1/2" (38.1)	1 1/4" (31.7)	1500 (6.67)	84 (38.1)
68SS-1/2	1/2"-13	1/2"-13 x 2"	1/2" (12.7)	2" (50.8)	1" (25.4)	4050 (18.0)	170 (77.1)

Reference page 154 for general fitting and standard finish specifications.

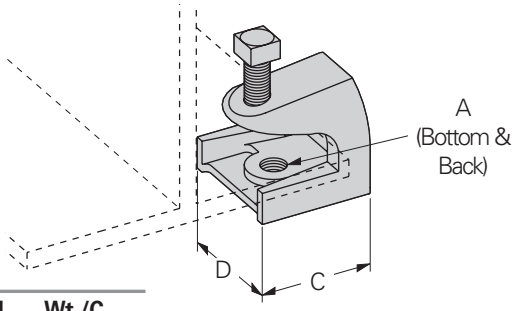
B3037Z
Z-Purlin C-Clamp

- Design Load 500 Lbs. (2.22 kN)
- Safety Factor of 5
- Designed for attaching a 3/8"-16 hanger rod to the bottom flange of a Z-purlin
- Setscrew and locknut included
- Material: Malleable iron
- Standard finishes: ZN, PLN



B444
Series Rod Support

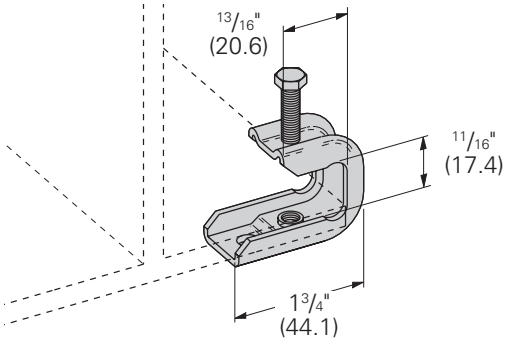
- Safety Factor of 5
- Max. flange thickness
  3/4" (19.0) for 1/4 & 5/16 sizes
  1" (25.4) for 3/8 & 1/2 sizes
- Setscrew included
- Material: Malleable iron
- Standard finish: ZN, available in HDG with CZ Hardware



Part No.	Thread Size A	Set Screw	C In.	C mm	D In.	D mm	Design Load Lbs.	Design Load kN	Wt./C Lbs.	Wt./C kg
B444-1/4	1/4"-20	1/4"-20	1 3/8"	(34.9)	1 3/16"	(30.1)	150	(.66)	24	(10.9)
B444-5/16	5/16"-18	1/4"-20	1 3/8"	(34.9)	1 3/16"	(30.1)	150	(.66)	23	(10.4)
B444-3/8	3/8"-16	1/2"-13	1 7/8"	(47.6)	2"	(50.8)	350	(7.12)	65	(29.5)
B444-1/2	1/2"-13	5/8"-11	2 3/8"	(60.3)	2 1/2"	(63.5)	1000	(4.45)	132	(59.9)

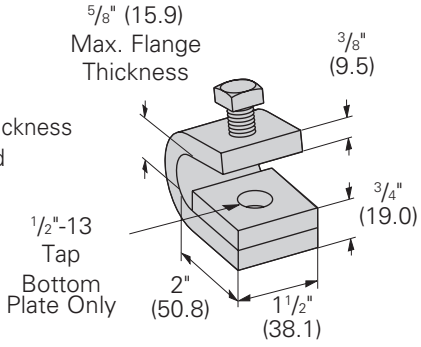
BC442
Light Duty Beam Clamp

- Design Load 75 Lbs. (.33 kN)
- Safety Factor of 5
- 11/16" (17.5) Max. flange thickness
- Setscrew included
- Holes tapped 1/4"-20 (bottom & back)
- Material: 13 gauge (2.3)
- Standard finish: ZN
- Wt./C 13 Lbs. (3.9 kg)



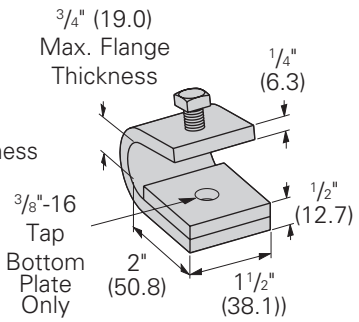
B210
Beam Clamp

- Design Load 800 Lbs. (3.56 kN)
- Safety Factor of 5
- 5/8" (15.9) Max. flange thickness
- 1/2"-13 Setscrew included
- Standard finish: ZN
- Wt./C 100 Lbs. (45.3 kg)



B210A
Beam Clamp

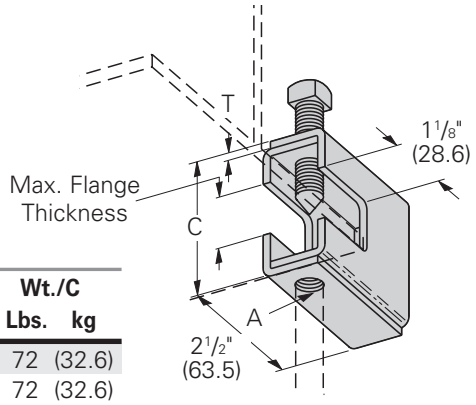
- Design Load 300 Lbs. (1.33 kN)
- Safety Factor of 5
- 3/4" (19.0) Max. flange thickness
- 3/8"-16 Setscrew included
- Standard finish: ZN
- Wt./C 60 Lbs. (27.2 kg)



Reference page 154 for general fitting and standard finish specifications.

B303 thru B309 Beam Clamps

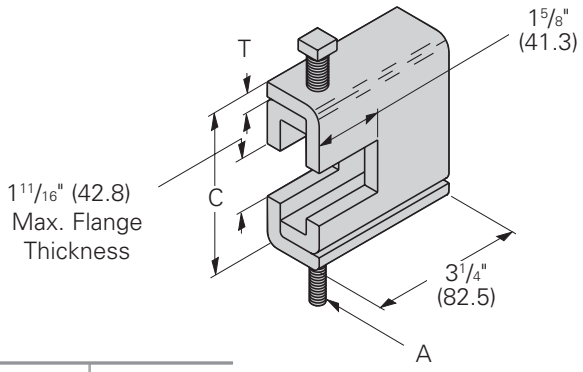
- Safety Factor of 5
- Max. flange thickness 1/16" (1.6) thru 7/8" (22.2)
- Setscrew included
- When retaining strap is required, order B312 separately
- Recommended setscrew torque: 3/8"-16 150 in-lbs. (16.9 N•m)
  1/2"-13 350 in-lbs. (39.5 N•m)
- Standard finishes: ZN, HDG



Part No.	Thread Size A	Set Screw	C In.	C mm	D In.	D mm	Design Load Lbs.	Design Load kN	Wt./C Lbs.	Wt./C kg
B303	1/4"-20	3/8"-16	2 5/16"	(58.7)	11 Ga.	(3.0)	400	(1.78)	72	(32.6)
B304	5/16"-18	3/8"-16	2 5/16"	(58.7)	11 Ga.	(3.0)	600	(2.67)	72	(32.6)
B305	3/8"-16	3/8"-16	2 5/16"	(58.7)	11 Ga.	(3.0)	600	(2.67)	72	(32.6)
B306	3/8"-16	1/2"-13	2 7/16"	(61.9)	7 Ga.	(4.5)	1100	(4.89)	97	(44.0)
B307	1/2"-13	1/2"-13	2 7/16"	(61.9)	7 Ga.	(4.5)	1100	(4.89)	97	(44.0)
B308	1/2"-13	1/2"-13	2 9/16"	(65.1)	1/4"	(6.3)	1500	(6.67)	133	(60.3)
B309	5/8"-11	1/2"-13	2 9/16"	(65.1)	1/4"	(6.3)	1500	(6.67)	133	(60.3)

B321 Series Beam Clamps

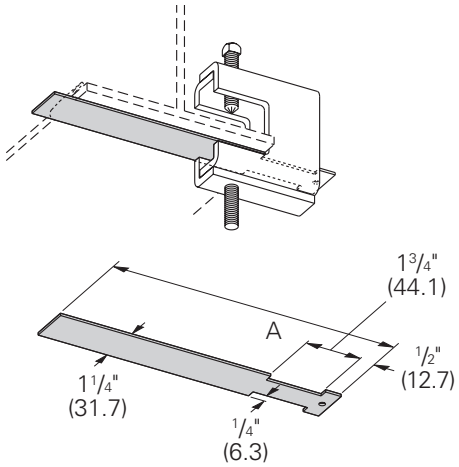
- Safety Factor of 5
- 1 11/16" (42.8) Max. Flange Thickness
- Setscrew included
- When retaining strap is required, order B312 separately
- Recommended setscrew torque: 1/2"-13 350 in-lbs. (39.5 N•m)
  5/8"-11 700 in-lbs. (79.0 N•m)
- Minimum flange thickness: B321-1 thru B321-3 1/4" (6.3)
  B321-4 and B321-5 3/8" (9.5)
- Standard finishes: ZN, HDG



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

B312 Series Retaining Strap for use with B303 thru B309 and B321 Series

- 3/4" (19.0) Max. flange thickness
- For thicker beams, step up one flange width size
- Material: 14 gauge (1.9)
- Standard finishes: GALV, HDG

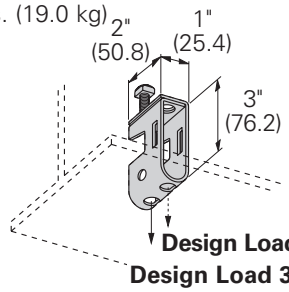


Part No.	For Flange Width In.	For Flange Width mm	A In.	A mm	Wt./C Lbs.	Wt./C kg
B312-6	6"	(152.4)	9"	(228.6)	22	(10.0)
B312-9	9"	(228.6)	12"	(304.8)	30	(13.6)
B312-12	12"	(304.8)	15"	(381.0)	40	(18.1)
B312-15	15"	(381.0)	18"	(457.2)	49	(22.2)

Reference page 154 for general fitting and standard finish specifications.

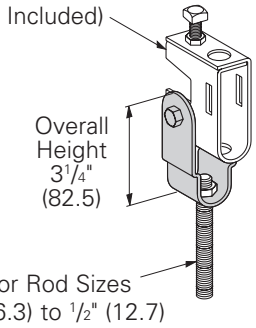
B751
Beam Clamp

- Safety Factor of 5
- 3/4" (19.0) Max. flange thickness
- Setscrew and locknut included
- Maximum ATR size 1/2"
- Use B753 Swivel nut (not included)
- Material: 12 gauge (2.6)
- Standard finish: ZN, HDG
- Wt./C 42 Lbs. (19.0 kg)



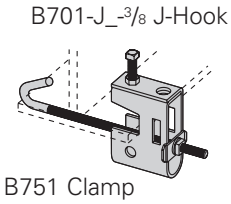
B752
Beam Clamp Swivel

- Design Load 500 Lbs. (2.22 kN)
- Safety Factor of 5
- Material: 12 gauge (2.6)
- Use B753 Swivel nut (not included)
- Includes:
  1 pc. B752 Swivel body
  1 pc. 5/16"-18 x 1 3/4" HHCS
  1 pc. 5/16"-18 Hex nut
- Standard finish: ZN
- Wt./C 30 Lbs. (13.6 kg)



B751-J_-3/8
Beam Clamp Assembly

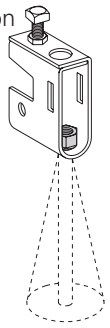
- Includes:
  1 pc. B751 Beam clamp
  1 pc. B701 Type J-Hook only
  1 pc. SA203-158 Clip
  1 pc. 3/8"-16 Hex Nut
- 1/4" (6.3) Diameter J-Hook available upon request Part Number changes to B751-J_-1/4 and a 1/4-20 machine square nut (MSQN) is used
- Use B753 Swivel Nut (not included)
- Standard finishes: ZN



Part No.	For Flange Width In.	mm	Wt./C Lbs.	kg
B751-J4-3/8	3"-6"	(76.2-152.4)	70	(31.7)
B751-J6-3/8	5"-9"	(127.0-228.6)	78	(35.4)
B751-J9-3/8	8"-12"	(203.2-304.8)	83	(37.6)
B751-J12-3/8	11"-15"	(279.4-381.0)	88	(39.9)

B753
Swivel Nut

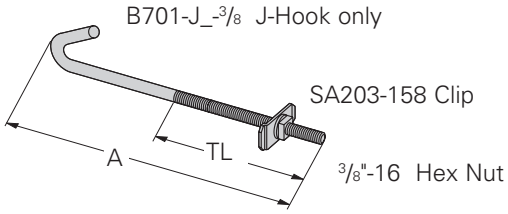
- Provides a full swivel of 15° in any direction Specify rod size
- Standard finish: ZN



Part No.	For Rod Size	Wt./C Lbs.	kg
B753-3/8	3/8"-16	4.0	(1.8)
B753-1/2	1/2"-13	3.4	(1.5)

B701 Series
J-Hook

- 1/4" (6.3) Diameter J-Hook available upon request Part Number changes to B751-J_-1/4 and a 1/4-20 machine square nut (MSQN) is used
- Standard finish: ZN

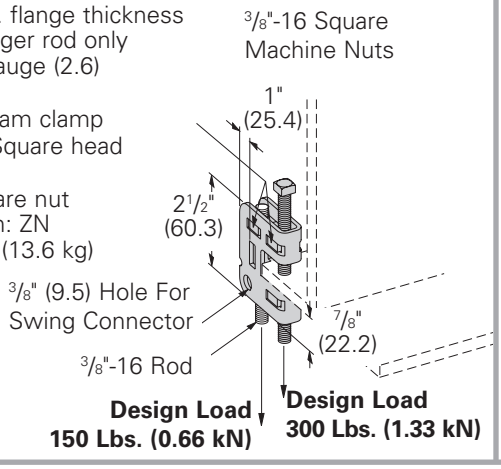


Part No.	A In.	mm	Thread Length TL In.	mm	Wt./C Lbs.	kg
B701-J4-3/8	8 3/4"	(222.2)	5 1/2"	(139.7)	26	(11.8)
B701-J6-3/8	11 3/4"	(298.4)	6 1/2"	(165.1)	34	(15.4)
B701-J9-3/8	14 3/4"	(374.6)	6 1/2"	(165.1)	41	(18.6)
B701-J12-3/8	17 3/4"	(450.8)	6 1/2"	(165.1)	48	(21.8)

Reference page 154 for general fitting and standard finish specifications.

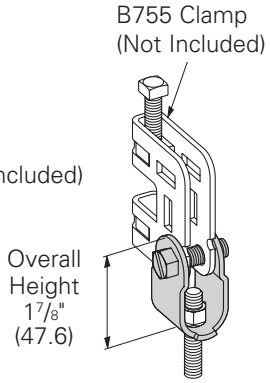
B755
3/8 Beam Clamp

- Safety Factor of 5
- 5/8" (15.9) Max. flange thickness
- For 3/8"-16 Hanger rod only
- Material: 12 gauge (2.6)
- Includes:
  1 pc. B755 Beam clamp
  1 pc. 3/8" x 2" Square head setscrew
  2 pcs. 3/8" Square nut
- Standard finish: ZN
- Wt./C 30 Lbs. (13.6 kg)



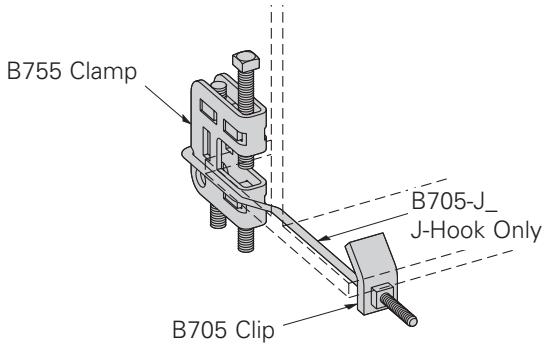
B756-3/8
Swing Connector

- Design Load 150 Lbs. (0.66 kN)
- Safety Factor of 5
- Material: 12 gauge (2.6)
- Includes:
  1 pc. B756-3/8 Swing connector body
  1 pc. 5/16"-18 x 1 1/4" SHHMS
  1 pc. 5/16"-18 Square nut
- Use B753 Swivel nut (not included)
- Standard finish: ZN
- Wt./C 15 Lbs. (6.8 kg)



B755-3/8 -J_
Beam Clamp Assembly

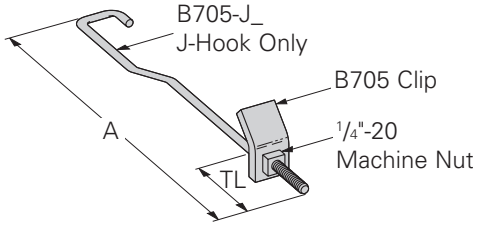
- Includes:
  1 pc. B755-3/8 Beam clamp
  1 pc. B705 Type J-Hook only
  1 pc. B705 Clip
  1 pc. 1/4"-20 Square nut
- Standard finish: ZN



Part No.	For Flange Width In.	mm	Wt./C Lbs.	kg
B755-3/8-J4	4"-6"	(101.6-152.4)	47	(21.3)
B755-3/8-J6	6"-10"	(152.4-254.0)	51	(23.1)
B755-3/8-J10	10"-12"	(254.0-304.8)	53	(24.0)
B755-3/8-J12	12"-14"	(304.8-355.6)	55	(24.9)

B705 Series
J-Hook

- Use with B755-3/8
- Standard finish: ZN

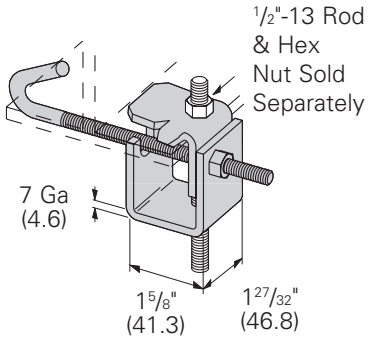


Part No.	A In.	mm	Thread Length TL In.	mm	Wt./C Lbs.	kg
B705-J4	7 3/8"	(187.3)	3"	(76.2)	17	(7.7)
B705-J6	11 3/8"	(288.9)	4 1/2"	(114.3)	21	(9.5)
B705-J10	13 3/8"	(339.7)	4 1/2"	(114.3)	23	(10.4)
B705-J12	15 3/8"	(390.5)	4 1/2"	(114.3)	25	(11.3)

Reference page 154 for general fitting and standard finish specifications.

B750 Series
Beam Clamp

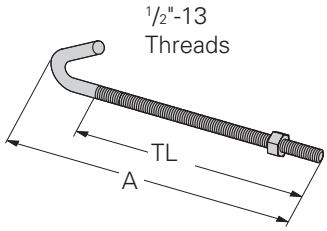
- Safety Factor of 5
- Design Load 500 Lbs. (2.22 kN)
- Recommended Torque: J-Hook nut 125 in-lbs. (14.1 N•m)
- Maximum flange thickness 5/8" (15.9)
- Standard finish: ZN



Part No.	For Flange Width In.	mm	Wt./C Lbs.	kg
B750-J4	3"-6"	(76.2-152.4)	109	(49.4)
B750-J6	5"-9"	(127.0-228.6)	124	(56.2)
B750-J9	8"-12"	(203.2-304.8)	135	(61.2)
B750-J12	11"-15"	(279.4-381.0)	147	(66.7)

B700 Series
J-Hook

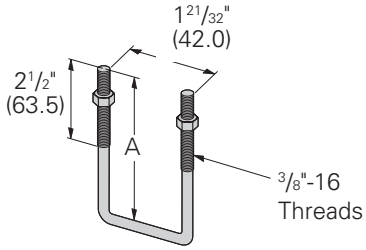
- Includes:
  1 pc. J-Bolt
  1 pc. Hex Nut
- Maximum flange thickness 5/8" (15.9)
- Standard finish: ZN

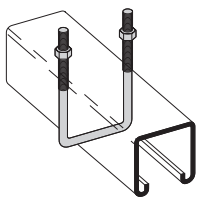


Part No.	A In.	mm	Thread Length TL In.	mm	Wt./C Lbs.	kg
B700-J4	8 1/2"	(215.9)	6 3/4"	(171.4)	44	(19.9)
B700-J6	11 1/2"	(292.1)	9 3/4"	(247.6)	53	(24.0)
B700-J9	14 1/2"	(368.3)	12 3/4"	(323.8)	63	(28.6)
B700-J12	17 1/2"	(444.5)	15 3/4"	(400.0)	78	(35.4)

B500 Series
Square U-Bolt

- Includes:
  1 pc. U-Bolt only
  2 pcs. 3/8"-16 Hex nuts
- Additional sizes available
- Standard finish: ZN, SS4



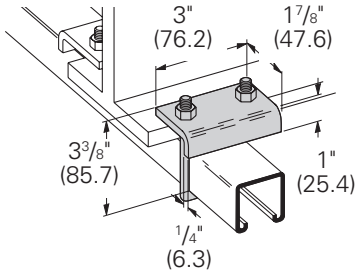


Part No.	In.	mm	Channel Size In.	mm	Wt./C Lbs.	kg
B500-3-3/8	3 3/8"	(85.7)	1 5/8" x 1 5/8"	(41.3 x 41.3)	25	(11.3)
B500-5	5"	(127.0)	3 1/4" x 1 5/8"	(82.5 x 41.3)	33	(14.9)

Reference page 154 for general fitting and standard finish specifications.

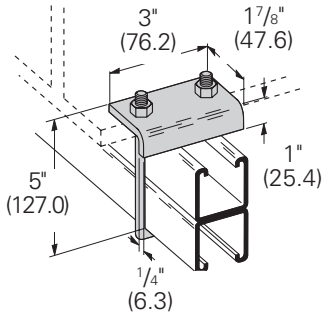
B441-22
Beam Clamp

- Design Load 1850 Lbs. (8.23 kN) when used in pairs
- Safety Factor of 5
- 3/4" (19.0) Max. flange thickness
- For use with 13/16" (20.6) to 1 5/8" (41.3) high channel
- Recommended Torque: 150 in-lbs. (16.9 N•m)
- Sold in pieces
- Other flange thickness variations are available, contact us for sizes
- Standard finishes: ZN, HDG, SS4
- Wt./C 87 Lbs. (39.4 kg)



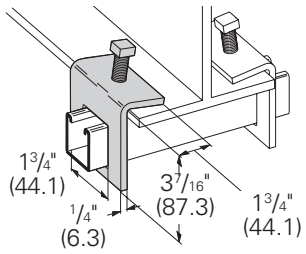
B441-22A
Beam Clamp

- Design Load 1850 Lbs. (8.23 kN) when used in pairs
- Safety Factor of 5
- 3/4" (19.0) Max. flange thickness
- For use with 1 5/8" (41.3) to 3 1/4" (82.5) high channel
- Recommended Torque: 150 in-lbs. (16.9 N•m)
- Sold in pieces
- Other flange thickness variations are available, contact us for sizes
- Standard finishes: ZN, HDG, SS4
- Wt./C 93 Lbs. (42.2 kg)



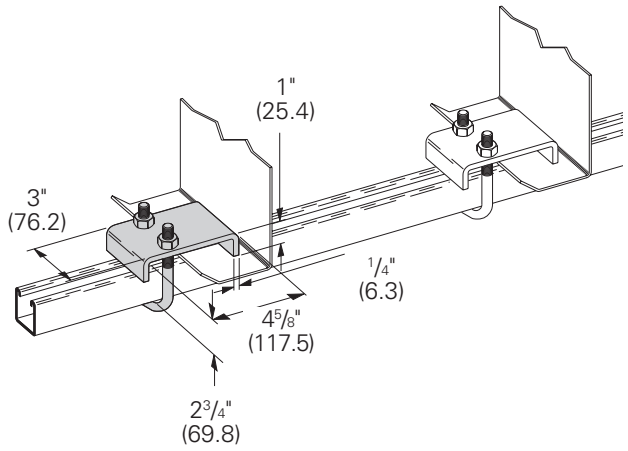
B314
Beam Clamp

- Design Load 900 Lbs. (4.00 kN) when used in pairs
- Safety Factor of 5
- 5/8" (15.9) Max. flange thickness
- For use with channel 1 5/8" (41.3) in height
- Setscrew included
- Sold in pieces
- Standard finishes: ZN, GRN, HDG, SS4
- Wt./C 105 Lbs. (47.6 kg)



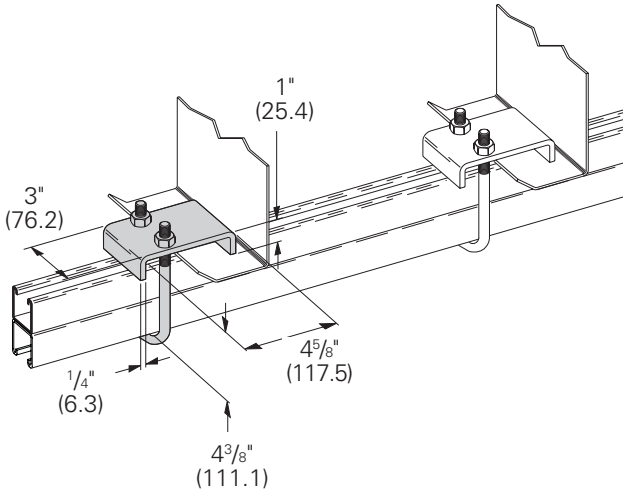
B441Z-22
Beam Clamp

- Design Load 1200 Lbs. (5.34 kN) when used in series
- Safety Factor of 5
- Sold in pieces
- For use with 13/16" (20.6) to 1 5/8" (41.3) high channel
- Recommended Torque:150 in-lbs. (16.9 N•m)
- Standard finishes: ZN
- Wt./C 95 Lbs. (43.1 kg)



B441Z-22A
Beam Clamp

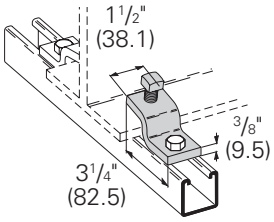
- Design Load 1200 Lbs. (5.34 kN) when used in series
- Safety Factor of 5
- Sold in pieces
- For use with 1 5/8" (41.3) to 3 1/4" (82.5) high channel
- Recommended Torque:150 in-lbs. (16.9 N•m)
- Standard finishes: ZN
- Wt./C 101 Lbs. (45.8 kg)



Reference page 154 for general fitting and standard finish specifications.

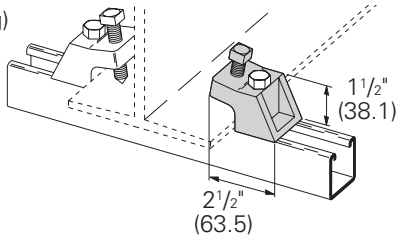
B211 Zee Beam Clamp

- Design Load 600 Lbs. (2.67 kN) when used in pairs
- Safety Factor of 5
- 1" (25.4) Max. flange thickness
- 1/2"-13 Setscrew included
- Sold in pieces
- Order 1/2"-13 HHCS and channel nut separately
- Standard finishes: ZN, HDG
- Wt./C 66 Lbs. (29.9 kg)



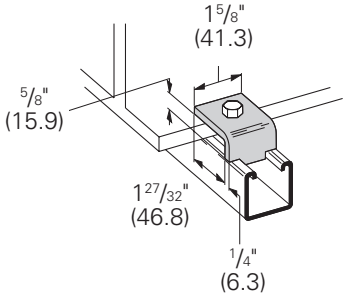
B213 I-Beam Clamp

- Design Load 900 Lbs. (4.00 kN) when used in pairs
- Safety Factor of 5
- 7/8" (22.2) Max. flange thickness
- 1/2"-13 Setscrew included
- Sold in pieces
- Order 1/2"-13 x 2 1/4" HHCS and channel nut separately
- Material: Malleable iron
- Standard finishes: ZN, GRN
- Wt./C 95 Lbs. (43.1 kg)



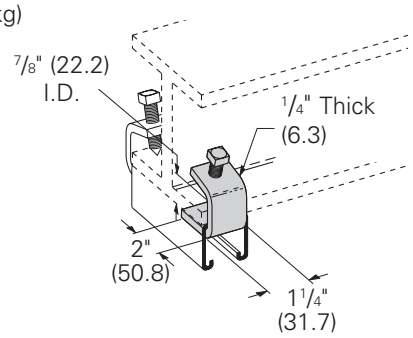
B355 Beam Clamp

- Design Load 1200 Lbs. (5.34 kN) when used in pairs
- Safety Factor of 5
- 5/8" (15.9) Max. flange thickness
- Sold in pieces
- Order 1/2"-13 x 1 1/2" HHCS and channel nut separately
- Standard finishes: ZN, GRN, HDG, SS4
- Wt./C 30 Lbs. (13.6 kg)



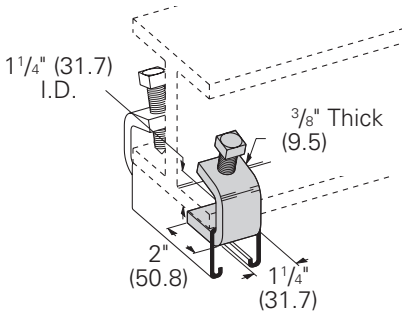
B212-1/4 I-Beam Clamp

- Design Load 600 Lbs. (2.67 kN) when used in pairs
- Safety Factor of 5
- 7/8" (22.2) Max. flange thickness
- 3/8"-16 Setscrew included
- Sold in pieces
- Standard finish: ZN
- Wt./C 41 Lbs. (18.6 kg)



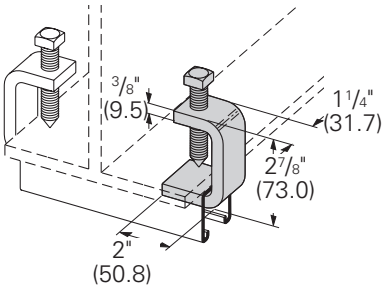
B212-3/8 I-Beam Clamp

- Design Load 1000 Lbs. (4.45 kN) when used in pairs
- Safety Factor of 5
- 1 1/8" (28.6) Max. flange thickness
- 1/2"-13 Setscrew included
- Sold in pieces
- Standard finishes: ZN, HDG
- Wt./C 62 Lbs. (28.1 kg)



B435 Beam Clamp

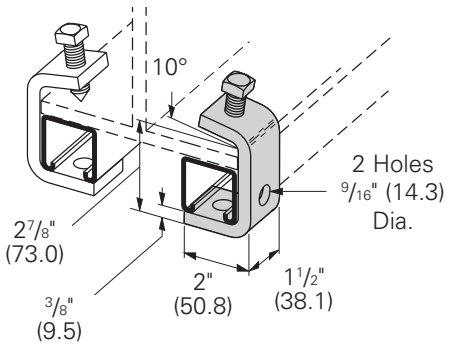
- Design Load 900 Lbs. (4.00 kN) when used in pairs
- Safety Factor of 5
- 2 1/8" (54.0) Max. flange thickness
- 1/2"-13 x 2" Setscrew included
- Sold in pieces
- Standard finish: ZN
- Wt./C 82 Lbs. (37.2 kg)



Reference page 154 for general fitting and standard finish specifications.

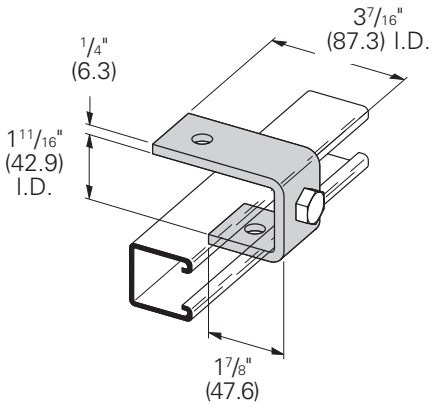
B427
Beam Clamp

- Design Load 1100 Lbs. (4.89 kN) when used in pairs
- Safety Factor of 5
- 2 1/2" (63.5) Max. flange thickness without channel
- 1/2"-13 x 1 1/2" Setscrew included
- Sold in pieces
- Standard finish: ZN
- Wt./C 92 Lbs. (41.7 kg)



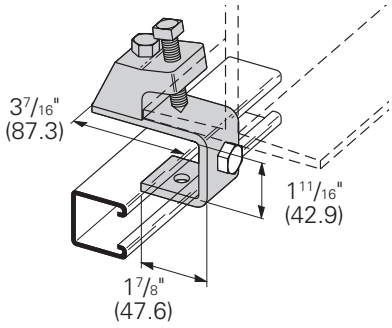
B405
Suspension Member

- Standard finishes: ZN, GRN
- Wt./C 75 Lbs. (34.0 kg)



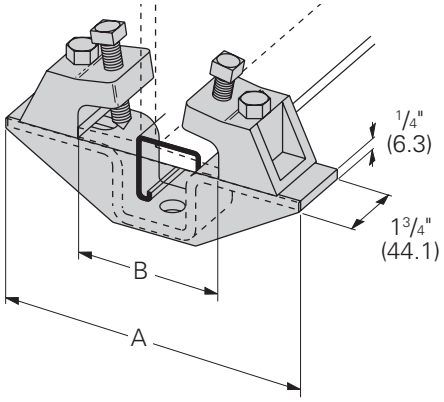
B405A
Suspension Member with Beam Clamp

- 7/8" (22.2) Max. flange thickness
- Includes:
  1 pc. B405 Suspension member
  1 pc. B213 I-Beam clamp
  1 pc. 1/2"-13 x 2 1/2" HHCS
  1 pc. 1/2"-13 Hex Nut
- Material: Malleable iron
- Standard finishes: ZN, GRN
- Wt./C 183 Lbs. (83.0 kg)



B602A THRU B602C
Beam Clamp with Gusset Assembly

- Safety Factor of 5
- 7/8" (22.2) Max. flange thickness
- Includes:
  1 pc. B451 Slotted three hole 'U' support with gusset
  2 pcs. B213 I-Beam clamp
  2 pcs. 1/2"-13 x 2 1/2" HHCS
  2 pcs. 1/2"-13 Hex nuts
- Material: Malleable iron
- Standard finishes: ZN, GRN

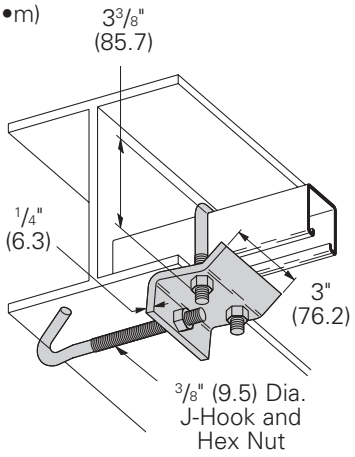


Part No.	A In.	A mm	For Flange Width B In.	For Flange Width B mm	Design Load Lbs.	Design Load kN	Wt./C Lbs.	Wt./C kg
B602A	7 1/4"	(184.1)	2 3/8"-4 1/2"	(60.3-114.3)	1200	(5.34)	365	(165.1)
B602B	8 1/2"	(215.9)	3 3/4"-5 3/4"	(95.2-146.0)	1200	(5.34)	383	(173.7)
B602C	10 3/8"	(263.5)	5 5/8"-7 5/8"	(142.9-193.7)	1200	(5.34)	408	(185.0)

Reference page 154 for general fitting and standard finish specifications.

B760-22 Series Beam Clamp

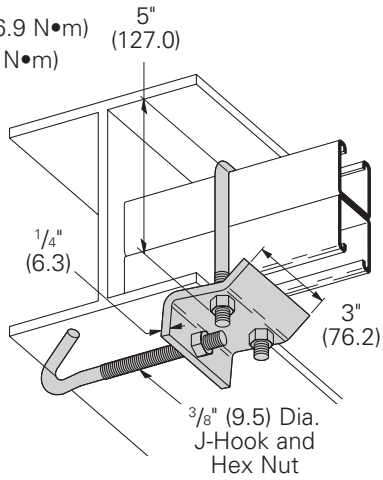
- 1" (25.4) Max. flange thickness
- For use with 13/16" (20.6) to 1 5/8" (41.3) high channel
- Recommended Torques:
  U-Bolt nuts 150 in-lbs. (16.9 N•m)
  J-Hook nut 60 in-lbs. (6.8 N•m)
- Includes:
  1 pc. B760 Plate
  1 pc. B701 Type J-Hook only
  1 pc. B500-3 3/8" U-Bolt only
  3 pcs. 3/8"-16 Hex nuts
- Standard finish: ZN



Part No.	For Flange Width In.	mm	Wt./C Lbs.	kg
B760-22-J4	4"-5 7/8"	(101.6-149.2)	122	(55.3)
B760-22-J6	6"-8 7/8"	(152.4-225.4)	129	(58.5)
B760-22-J9	9"-11 7/8"	(228.6-301.6)	135	(61.2)
B760-22-J12	12"-14 7/8"	(304.8-377.8)	141	(63.9)

B760-22A Series Beam Clamp

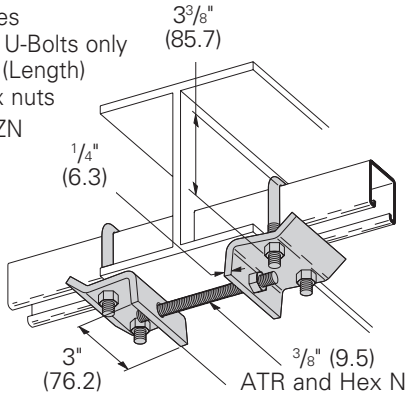
- 1" (25.4) Max. flange thickness
- For use with 1 5/8" (41.3) to 3 1/4" (82.5) high channel
- Recommended Torques:
  U-Bolt nuts 150 in-lbs. (16.9 N•m)
  J-Hook nut 60 in-lbs. (6.8 N•m)
- Includes:
  1 pc. B760 Plate
  1 pc. B701 Type J-Hook only
  1 pc. B500-5" U-Bolt only
  3 pcs. 3/8"-16 Hex nuts
- Standard finish: ZN



Part No.	For Flange Width In.	mm	Wt./C Lbs.	kg
B760-22A-J4	4"-5 7/8"	(101.6-149.2)	129	(58.5)
B760-22A-J6	6"-8 7/8"	(152.4-225.4)	136	(61.7)
B760-22A-J9	9"-11 7/8"	(228.6-301.6)	142	(64.4)
B760-22A-J12	12"-14 7/8"	(304.8-377.8)	148	(67.1)

B761-22 Series Beam Clamp

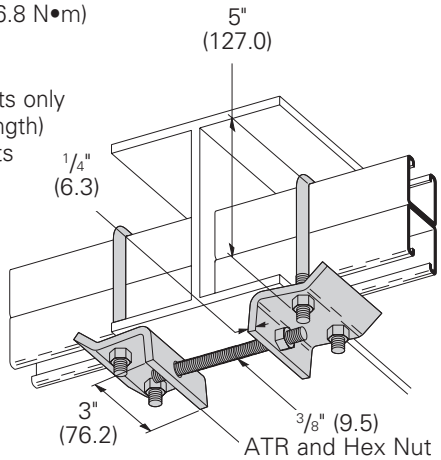
- 1" (25.4) Max. flange thickness
- For use with 13/16" (20.6) to 1 5/8" (41.3) high channel
- Recommended Torques:
  U-Bolt nuts 150 in-lbs. (16.9 N•m)
  ATR nuts 60 in-lbs. (6.8 N•m)
- Includes:
  2 pcs. B700 Plates
  2 pcs. B500-3 3/8" U-Bolts only
  1 pc. 3/8"-16 ATR (Length)
  6 pcs. 3/8"-16 Hex nuts
- Standard finish: ZN



Part No.	For Flange Width In.	mm	ATR Length In.	mm	Wt./C Lbs.	kg
B761-22-4	4"-5 7/8"	(101.6-149.2)	4"	(101.6)	202	(91.6)
B761-22-6	6"-8 7/8"	(152.4-225.4)	6"	(152.4)	206	(93.4)
B761-22-9	9"-11 7/8"	(228.6-301.6)	9"	(228.6)	214	(97.0)
B761-22-12	12"-14 7/8"	(304.8-377.8)	12"	(304.8)	221	(100.2)

B761-22A Series Beam Clamp

- 1" (25.4) Max. flange thickness
- For use with 1 5/8" (41.3) to 3 1/4" (82.5) high channel
- Recommended Torques:
  U-Bolt nuts 150 in-lbs. (16.9 N•m)
  ATR nuts 60 in-lbs. (6.8 N•m)
- Includes:
  2 pcs. B700 Plates
  2 pcs. B500-5" U-Bolts only
  1 pc. 3/8"-16 ATR (Length)
  6 pcs. 3/8"-16 Hex nuts
- Standard finish: ZN

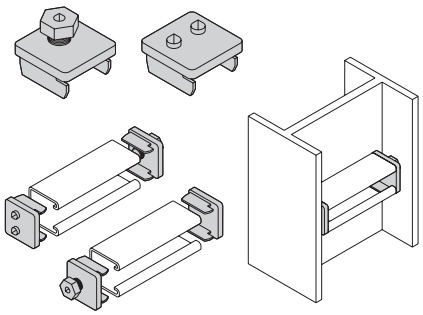


Part No.	For Flange Width In.	mm	ATR Length In.	mm	Wt./C Lbs.	kg
B761-22A-4	4"-5 7/8"	(101.6-149.2)	4"	(101.6)	216	(98.0)
B761-22A-6	6"-8 7/8"	(152.4-225.4)	6"	(152.4)	220	(99.8)
B761-22A-9	9"-11 7/8"	(228.6-301.6)	9"	(228.6)	228	(103.4)
B761-22A-12	12"-14 7/8"	(304.8-377.8)	12"	(304.8)	235	(106.6)

Reference page 154 for general fitting and standard finish specifications.

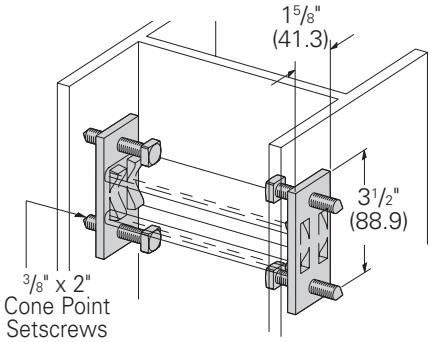
B614
Column Support for B22

- Quick installation (one bolt to tighten)
- Design Load 800 Lbs. (3.56 kN) slip with Safety Factor of 3
- Use with B22 and B24 channel
- Sold in pairs
- Standard finish: ZN
- Wt./C 50 Lbs. (22.6 kg)



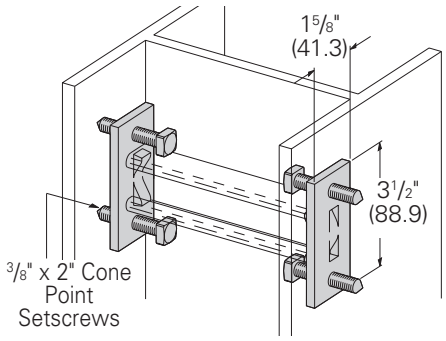
B613
Column Support for B22

- Design Load 800 Lbs. (3.56 kN) slip with Safety Factor of 3
- Use with B22 and B24 channel
- Setscrews to be torqued to 19 ft./Lbs
- Sold in pairs
- Standard finishes: ZN, GRN, HDG
- Wt./C 100 Lbs. (45.3 kg)



B613A
Column Support for B52

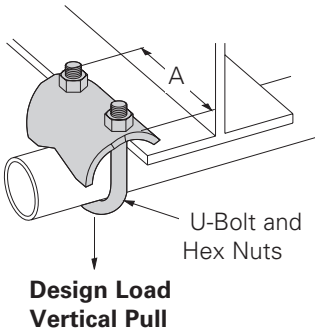
- Design Load 800 Lbs. (3.56 kN) slip with Safety Factor of 3
- Use with B52 and B54 channel
- Setscrews to be torqued to 19 ft./Lbs
- Sold in pairs
- Standard finishes: ZN, GRN, HDG
- Wt./C 100 Lbs. (45.3 kg)



B422 Series
Right Angle Clamp

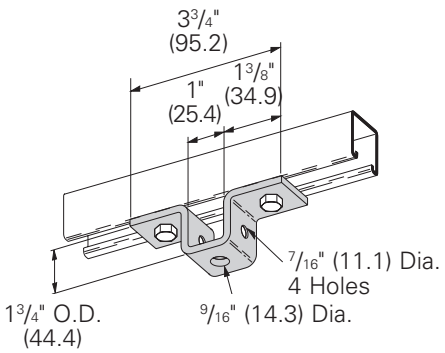
- Safety Factor of 5
- Material: 7 gauge (4.5)
- Standard finishes: ZN, SS4

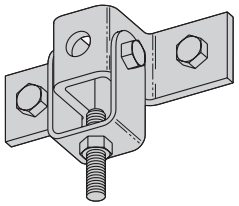
Part No.	Conduit Size In.	Conduit Size mm	A In.	A mm	Design Load Vertical Pull Lbs.	Design Load Vertical Pull kN	Wt./C Lbs.	Wt./C kg
B422-½	½"	(15)	2⅜"	(60.3)	250	(1.11)	38	(17.2)
B422-¾	¾"	(20)	2⅜"	(60.3)	300	(1.33)	39	(17.7)
B422-1	1"	(25)	2⅞"	(73.0)	400	(1.78)	48	(21.8)
B422-1¼	1¼"	(32)	2⅞"	(73.0)	400	(1.78)	50	(22.7)
B422-1½	1½"	(40)	3¼"	(82.5)	500	(2.22)	59	(26.7)
B422-2	2	(50)	3 11/16"	(93.7)	600	(2.67)	75	(34.0)
B422-2½	2½"	(65)	4¼"	(107.9)	700	(3.11)	98	(44.4)
B422-3	3"	(80)	4⅞"	(123.8)	800	(3.56)	111	(50.3)
B422-3½	3½"	(90)	5 7/16"	(138.1)	900	(4.00)	123	(55.8)
B422-4	4"	(100)	6"	(152.4)	1000	(4.45)	135	(61.2)



B107S
U-Support

- Material: 7 gauge (4.5)
- Standard finishes: ZN, GRN
- Wt./C 51 Lbs. (23.1 kg)

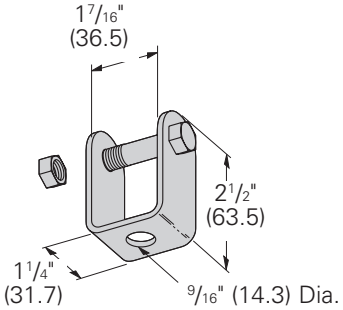




- Illustration shows B107S and B593 used together
- Design Load 900 Lbs., strength of assembly only
- Verify anchorage

B593
Clevis Swivel

- Includes:
  1 pc. ⅜"-16 x 2" HHCS
  1 pc. ⅜"-16 Hex Nut
- Material: 11 gauge (3.0)
- Standard finishes: ZN, GRN
- Wt./C 31 Lbs. (14.0 kg)



Reference page 154 for general fitting and standard finish specifications.