

Material: Steel (Stainless Steel Type 304 available 3/8" thru 5/8" rod sizes)

Standard Finish: Plain or Electro-Plated

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

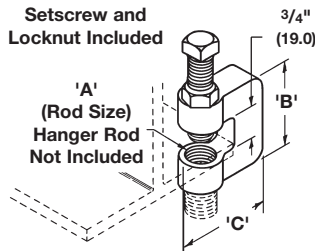
Ordering: Specify part number and finish. When Retaining Strap is required, order B3362 thru B3365 separately. See page 26.

Approvals: B351L (3/8" - 3/4"), is Underwriters' Laboratories Listed. Complies with Federal Specification WW-H-171E & A-A-1192A Type 23 and Manufacturers Standardization Society MSS SP-69 & SP-58 Type 23.

Figure B351L Steel C-Clamp With Locknut

Part No.	Rod Size 'A'	'B'		'C'		'D'		Design Load		Maximum Iron Pipe Size Per UL		Wt./C	
								Lbs.	kN	Lbs.	kg		
B351L-3/8	3/8"-16	2 3/8"	(60.3)	2 3/8"	(60.3)	3/4"	(19.0)	300	(0.89)	4"	(100)	41	(18.6)
B351L-1/2	1/2"-13	2 3/8"	(60.3)	2 3/8"	(60.3)	3/4"	(19.0)	380	(1.69)	4"	(100)	41	(18.6)
B351L-5/8	5/8"-11	2 3/8"	(60.3)	2 1/4"	(57.1)	3/4"	(19.0)	550	(2.44)	6"	(150)	60	(27.2)
B351L-3/4	3/4"-10	2 3/8"	(60.3)	2 1/4"	(57.1)	3/4"	(19.0)	630	(2.80)	6"	(150)	71	(32.2)
B351L-7/8	7/8"-9	3"	(76.2)	3 1/4"	(82.5)	1"	(25.4)	1200	(5.34)	--	--	184	(83.4)

Note: See page 24 for recommended setscrew torque.



Material: Malleable Iron

Standard Finish: Plain or Electro-Plated

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

Ordering: Specify part number and finish. When Retaining Strap is required, order B3362 thru B3365 separately. See page 26.

Approvals: B3036L is Underwriters' Laboratories Listed. Complies with Federal Specification WW-H-171E & A-A-1192A Type 23 and Manufacturers Standardization Society MSS SP-69 & SP-58 Type 23.

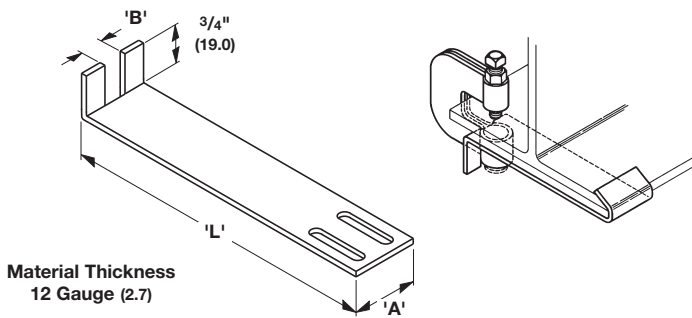
Figure B3036L Malleable Iron C-Clamp With Locknut

Part No.	Rod Size 'A'	'B'		'C'		Design Load		Maximum Iron Pipe Size Per UL		Wt./C	
						Lbs.	kN	Lbs.	kg		
B3036L-3/8	3/8"-16	1 3/4"	(44.4)	1 3/4"	(44.4)	300	(0.89)	4"	(100)	41	(18.6)
B3036L-1/2	1/2"-13	1 3/4"	(44.4)	1 3/4"	(44.4)	380	(1.69)	5"	(125)	41	(18.6)
B3036L-5/8	5/8"-11	2"	(50.8)	1 7/8"	(47.6)	530	(2.36)	6"	(150)	60	(27.2)
B3036L-3/4	3/4"-10	2"	(50.8)	2"	(50.8)	530	(2.36)	6"	(150)	71	(32.2)

Note: See page 24 for recommended setscrew torque.

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

Beam Clamps



Material: Steel (Stainless Steel available)

Standard Finish: Pre-Galvanized

Service: Designed for use with B351L and B3036L C-Clamps.

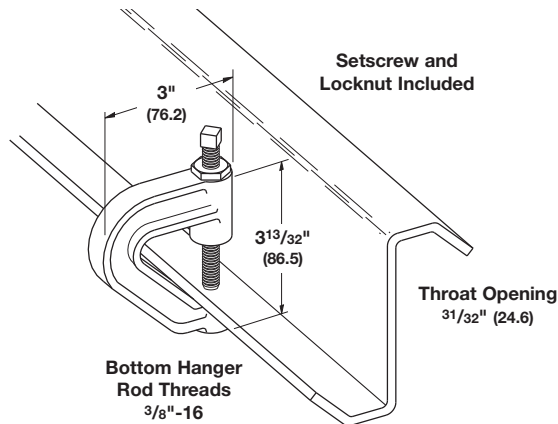
Ordering: Specify part number, length 'L', (add 1" (25.4) minimum to flange width), and finish.

Note: Requires field forming on beam.

Figure B3362, B3363, B3364, B3365 Retaining Strap

Part No.	For Use With	'A'		'B'		Wt./C for Length 'L' of							
						6" (152.4)		8" (203.2)		10" (254.0)		12" (304.8)	
						Lbs.	kg	Lbs.	kg	Lbs.	kg	Lbs.	kg
B3362	B351L- ³ / ₈ & 1/2	1 1/4"	(31.7)	7/16"	(11.1)	27	(12.2)	35	(15.9)	44	(19.9)	52	(23.6)
B3363	B351L- ⁵ / ₈ & ³ / ₄ , B3036L- ³ / ₈ & 1/2	1 1/4"	(31.7)	5/8"	(15.9)	26	(11.8)	35	(15.9)	43	(19.5)	52	(23.6)
B3364	B3036L- ⁵ / ₈ & ³ / ₄	1 1/4"	(31.7)	1 1/16"	(17.4)	26	(11.8)	35	(15.9)	43	(19.5)	52	(23.6)
B3365	B351L- ⁷ / ₈	1 1/2"	(38.1)	3/4"	(19.0)	32	(14.5)	42	(19.0)	52	(23.6)	62	(28.1)

Beam Clamps



Material: Malleable Iron

Standard Finish: Plain or Electro-Plated

Service: Designed for attaching a ³/₈"-16 hanger rod to the bottom flange of a Z-purlin.

Ordering: Specify part number and finish.

Weight: Wt./C 90 Lbs. (40.8 kg)

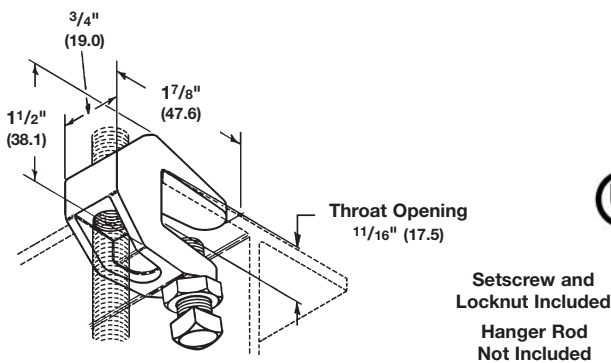
Design Load: 400 Lbs. (1.78 kN)

Approvals: Underwriters' Laboratories Listed. Complies with Federal Specification WW-H-171E & A-A-1192A Type 23 and Manufacturers Standardization Society MSS SP-69 & SP-58 Type 23.



Figure B3037 Z-Purlin Malleable C-Clamp

Note: See page 24 for recommended setscrew torque.



Material: Malleable Iron

Standard Finish: Plain or Electro-Plated

Service: Designed for attaching a ³/₈"-16 hanger rod to the top or bottom flange of a beam or bar joist when setscrew is in the down position as shown.

Ordering: Specify part number and finish. When Retaining Strap is required, order B3367 separately. See Page 30.

Approvals: Underwriters' Laboratories Listed. Complies with Federal Specification WW-H-171E & A-A-1192A Type 19 and Manufacturers Standardization Society MSS SP-69 & SP-58 Type 19.

Weight: Wt./C 25 Lbs. (11.3 kg)

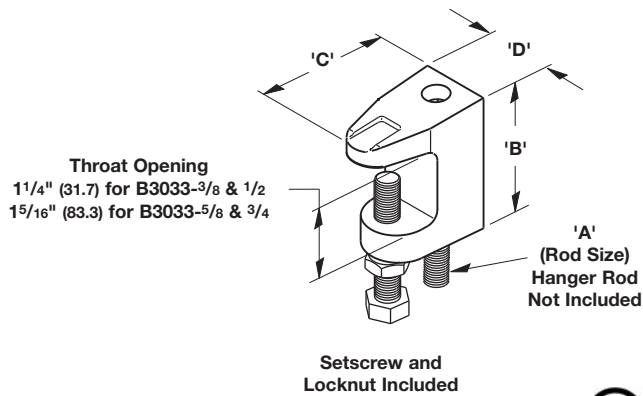
Design Load: 350 Lbs. (1.55 kN)



Figure B3031-³/₈ Light Duty Malleable C-Clamp

Note: See page 24 for recommended setscrew torque.

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



Material: Ductile Iron

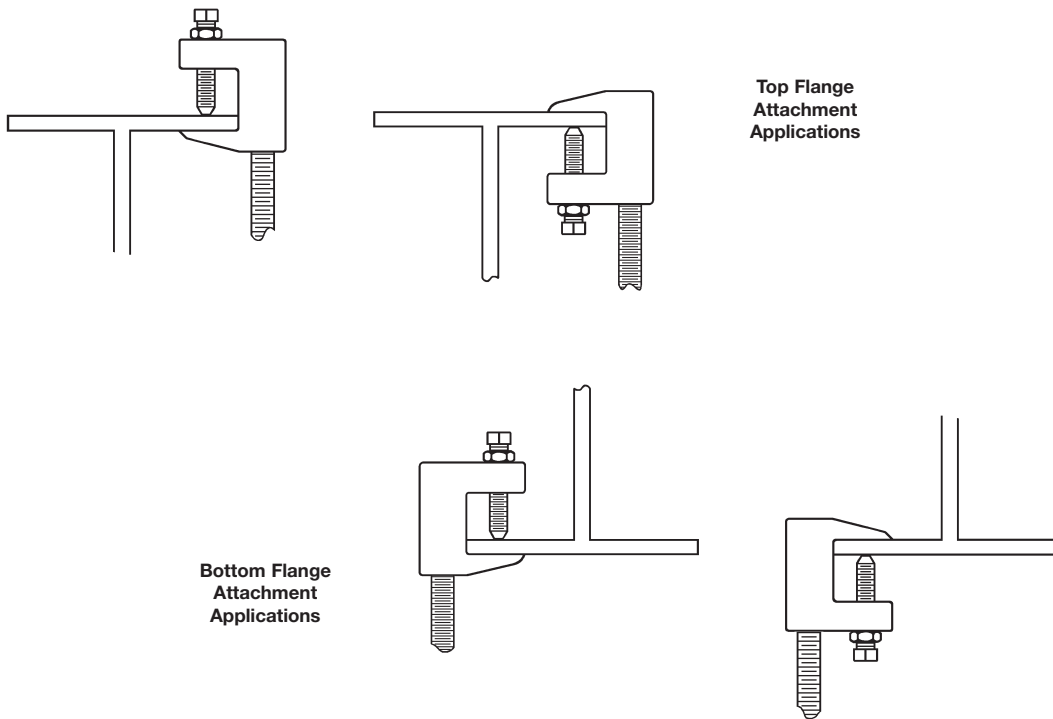
Standard Finish: Plain or Electro-Plated screw with Hot-Dipped Galvanized clamp

Service: Designed for attaching a hanger rod to the top or bottom flange of a bar joist or other structural shapes.

Note: Installation of C-Clamp other than shown below is not recommended.

Ordering: Specify part number and finish. When Retaining Strap is required, order B3367 separately. See page 30.

Approvals: Underwriters' Laboratories Listed. Complies with Federal Specification WW-H-171E Type 19 & A-A-1192A Type 19 & 23 and Manufacturers Standardization Society MSS SP-69 & SP-58 Type 19 & 23.



Beam Clamps

Figure B3033 Wide Jaw Reversible C-Clamp

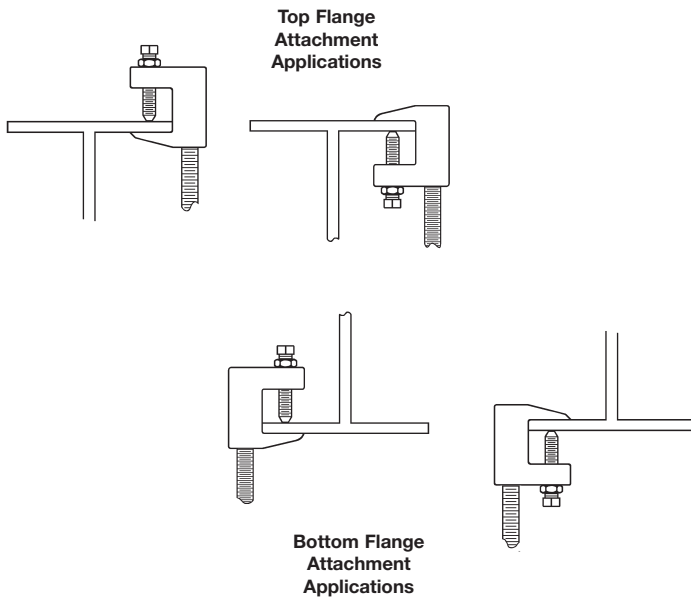
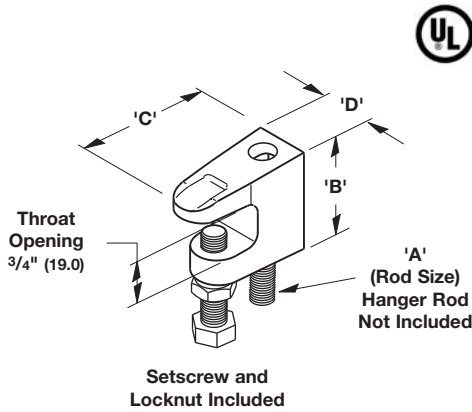
Part No.	Rod Size 'A'	'B'		'C'		'D'		Design Load		Maximum Iron Pipe Size Per UL		Wt./C	
								Lbs.	kN	Lbs.	kg		
B3033- $\frac{3}{8}$	$\frac{3}{8}$ "-16	$2\frac{1}{4}$ "	(57.1)	2"	(50.8)	$1\frac{1}{8}$ "	(28.6)	500	(2.22)	4"	(100)	54	(24.5)
B3033- $\frac{1}{2}$	$\frac{1}{2}$ "-13	$2\frac{5}{16}$ "	(58.7)	$2\frac{3}{16}$ "	(55.6)	$1\frac{1}{4}$ "	(31.7)	810	(3.60)	8"	(200)	51	(23.1)
B3033- $\frac{5}{8}$	$\frac{5}{8}$ "-11	$2\frac{5}{8}$ "	(66.7)	$2\frac{1}{2}$ "	(63.5)	$1\frac{3}{8}$ "	(34.9)	1000	(4.44)	8"	(200)	70	(31.7)
B3033- $\frac{3}{4}$	$\frac{3}{4}$ "-10	$2\frac{11}{16}$ "	(68.3)	$2\frac{1}{2}$ "	(63.5)	$1\frac{7}{16}$ "	(36.5)	1400	(6.23)	10"	(250)	98	(44.4)

Note: See page 24 for recommended setscrew torque.

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

Beam Clamps

B3034-³/₈" and B3034-¹/₂" sizes
Attach only as shown.



Material: Ductile Iron for ³/₈" & ¹/₂" sizes
Malleable Iron for ⁵/₈" & ³/₄" sizes

Standard Finish: Plain or Electro-Plated screw with Hot-Dipped Galvanized clamp

Service: Designed for attaching a hanger rod to the top or bottom flange (for their respective sizes) of a bar joist or other structural shapes.

Note: Installation of C-Clamps (for their respective sizes) other than shown is not recommended.

Ordering: Specify part number and finish. When Retaining Strap is required, order B3367 separately. See page 30.

Approvals: Underwriters' Laboratories Listed (³/₈" and ¹/₂" only). Complies with Federal Specification WW-H-171E Type 19 & A-A-1192A Type 19 & 23 and Manufacturers Standardization Society MSS SP-69 & SP-58 Type 19 & 23.

B3034-⁵/₈" and B3034-³/₄" sizes
Attach only as shown.

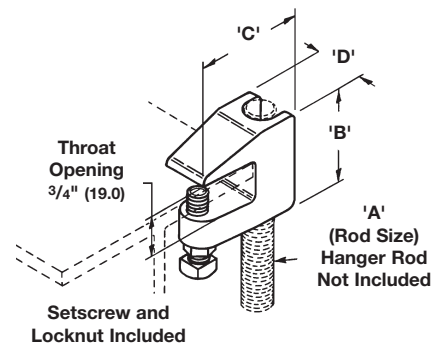
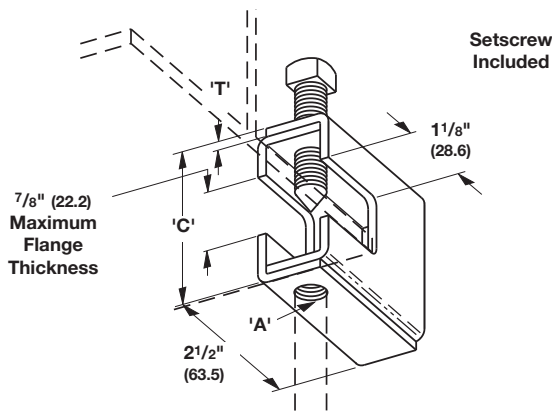


Figure B3034 C-Clamp

Part No.	Rod Size 'A'	'B'	'C'		'D'		Design Load		Maximum Iron Pipe Size Per UL		Wt./C	
							Lbs.	kN			Lbs.	kg
B3034- ³ / ₈	³ / ₈ "-16	1 ⁵ / ₈ " (41.3)	2"	(50.8)	7 ⁸ / ₈ "	(19.0)	560	(2.49)	4"	(100)	30	(13.6)
B3034- ¹ / ₂	¹ / ₂ "-13	1 ¹³ / ₁₆ " (46.0)	2 ³ / ₁₆ "	(55.6)	1 ³ / ₁₆ "	(30.2)	810	(3.60)	8"	(200)	47	(21.3)
B3034- ⁵ / ₈	⁵ / ₈ "-11	1 ³ / ₄ " (44.5)	2 ¹ / ₈ "	(54.0)	1 ¹ / ₄ "	(31.7)	1000	(4.45)	--	--	58	(26.3)
B3034- ³ / ₄	³ / ₄ "-10	2" (50.8)	2 ¹ / ₄ "	(57.2)	1 ¹ / ₄ "	(31.7)	1500	(6.67)	--	--	77	(35.0)

Note: See page 24 for recommended setscrew torque.

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



Material: Steel

Standard Finish: Electro-Plated or Hot-Dip Galvanized

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

Ordering: Specify part number and finish. When Retaining Strap is required, order B312 separately. See page 30.

Recommended Setscrew Torque:

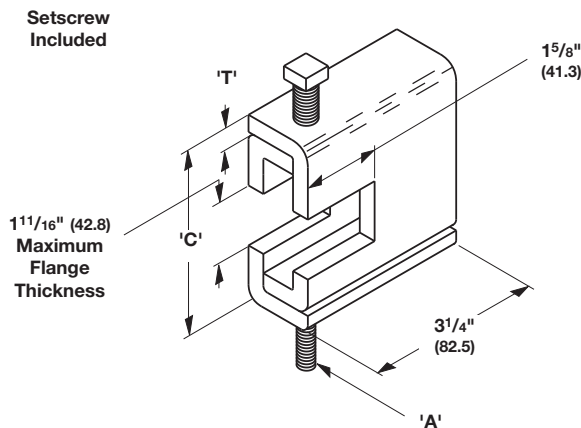
$3/8''-16 = 150$ in-lbs (16.9 N•m)

$1/2''-13 = 350$ in-lbs (39.5 N•m)

Approvals: Complies with Federal Specification WW-H-171E & A-A-1192A Type 19 and Manufacturers Standardization Society MSS SP-69 & SP-58 Type 19.

Figure B303-B309 Beam Clamps

Part No.	Rod Size 'A'	Setscrew Size	'C'		'T'		Design Load		Wt./C	
							Lbs.	kN	Lbs.	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)



Material: Steel

Standard Finish: Electro-Plated or Hot-Dip Galvanized

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

Ordering: Specify part number and finish. When Retaining Strap is required, order B312 separately. See page 30.

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:

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

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

Approvals: Complies with Federal Specification WW-H-171E & A-A-1192A Type 19 and Manufacturers Standardization Society MSS SP-69 & SP-58 Type 19.

Figure B321 Series Beam Clamps

Part No.	Rod Size 'A'	Setscrew Size	'C'		'T'		Design Load		Wt./C	
							Lbs.	kN	Lbs.	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)

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