

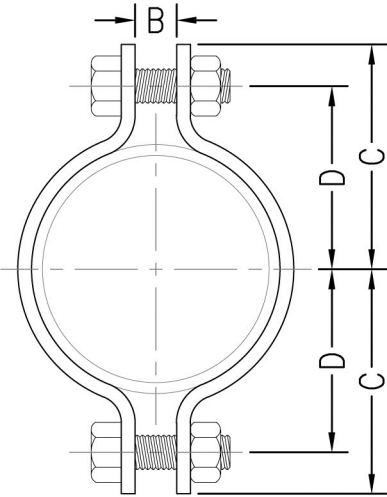


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PIPE CLAMPS

FIG. 522

HEAVY DUTY PIPE CLAMP



Function: Designed to be used in the suspension of non-insulated pipe lines where heavier loads are to be suspended. Normally used in conjunction with Fig. 35 weldless eye nut or Fig. 55 welded eye rod to allow flexibility at the rod attachment.

Material: Carbon steel (Type 304 or 316 Stainless Steel upon request)

Finish: Plain or electro-galvanized (Hot dipped galvanized with electro-galvanized hardware upon request)

Approvals: Complies with Federal Specification A-A-1192A (Type 4) and Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 4) which supersedes ANSI/MSS SP-69.

Ordering: Specify figure number, pipe size, material, and finish.

Pipe Size		B		C		D		Bolt Size	Max. Rec. Load				Wt. Each	
									650°F (343°C)		750°F (399°C)			
									lbs.	kN	lbs.	kN	lbs.	kg
3	(80)	1	(25.40)	4 ¹ / ₈	(104.78)	3 ¹ / ₈	(79.38)	3/4	3370	(14.99)	3005	(13.37)	4.96	(2.25)
3 ¹ / ₂	(90)	1	(25.40)	4 ³ / ₈	(111.13)	3 ³ / ₈	(85.73)	3/4	3370	(14.99)	3005	(13.37)	5.36	(2.43)
4	(100)	1	(25.40)	4 ¹⁵ / ₁₆	(125.41)	3 ¹⁵ / ₁₆	(100.01)	7/8	3515	(15.64)	3135	(13.95)	5.74	(2.60)
5	(125)	1	(25.40)	5 ⁹ / ₁₆	(141.29)	4 ⁹ / ₁₆	(115.89)	7/8	3515	(15.64)	3135	(13.95)	7.13	(3.23)
6	(150)	1 ¹ / ₈	(28.58)	6 ¹¹ / ₁₆	(169.86)	5 ³ / ₁₆	(131.76)	1	4865	(21.64)	4340	(19.31)	13.48	(6.11)
8	(200)	1 ¹ / ₈	(28.58)	7 ⁵ / ₈	(193.68)	6 ¹ / ₈	(155.58)	1	4865	(21.64)	4340	(19.31)	16.42	(7.45)
10	(250)	1 ¹ / ₄	(31.75)	9 ³ / ₁₆	(233.36)	7 ¹¹ / ₁₆	(195.26)	1 ¹ / ₄	6010	(26.73)	5360	(23.84)	15.86	(7.19)
12	(300)	1 ⁵ / ₈	(41.28)	11	(279.40)	9 ¹ / ₈	(231.78)	1 ¹ / ₂	8675	(38.59)	7740	(34.43)	44.50	(20.18)
14	(350)	1 ⁵ / ₈	(41.28)	11 ⁷ / ₈	(301.63)	9 ³ / ₄	(247.65)	1 ¹ / ₂	9120	(40.57)	8135	(36.19)	53.25	(24.15)
16	(400)	1 ⁵ / ₈	(41.28)	12 ⁷ / ₈	(327.03)	10 ³ / ₄	(273.05)	1 ¹ / ₂	9120	(40.57)	8135	(36.19)	58.46	(26.52)
18	(450)	3	(76.20)	17 ¹ / ₄	(438.15)	14 ¹ / ₂	(368.30)	2	13800	(61.39)	12280	(54.62)	132.16	(59.95)
20	(500)	3	(76.20)	18 ³ / ₄	(476.25)	16	(406.40)	2	15300	(68.06)	13620	(60.58)	153.84	(69.78)
24	(600)	3 ¹ / ₄	(82.55)	21 ¹ / ₂	(546.10)	18 ¹ / ₂	(469.90)	2 ¹ / ₄	16300	(72.51)	14500	(64.50)	219.80	(99.70)
28	(700)	3 ¹ / ₄	(82.55)	23 ¹ / ₂	(596.90)	20 ¹ / ₂	(520.70)	2 ¹ / ₄	18000	(80.07)	-	-	302.8	(137.35)
30	(750)	3 ¹ / ₂	(88.90)	26	(660.40)	22 ¹ / ₂	(571.50)	2 ¹ / ₂	20500	(91.19)	-	-	365.4	(165.74)
32	(800)	3 ¹ / ₂	(88.90)	27	(685.80)	23 ¹ / ₂	(596.90)	2 ¹ / ₂	23750	(105.65)	-	-	431.7	(195.82)
34	(850)	3 ¹ / ₂	(88.90)	28 ¹ / ₂	(723.90)	25	(635.00)	2 ¹ / ₂	25000	(111.21)	-	-	533.8	(242.13)
36	(900)	3 ¹ / ₂	(88.90)	30 ¹ / ₄	(768.35)	26 ¹ / ₂	(673.10)	2 ³ / ₄	28000	(124.55)	-	-	575.1	(260.86)
42	(1050)	3 ¹ / ₂	(88.90)	33 ³ / ₄	(857.25)	30	(762.00)	2 ³ / ₄	35000	(155.69)	-	-	915.7	(415.35)

Unless otherwise specified, all dimensions on drawings and in charts are in inches and dimensions shown in parentheses are in millimeters.

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