

Pipe Clamps

B3144 - Standard Double Bolt Pipe Clamp (TOLCO Fig. 5)

Size Range: — 1/2" (15mm) thru 36" (900mm) pipe.

Material: — Steel

Function: — Recommended for the suspension of pipe requiring up to 4" (101.6mm) of insulation and where flexibility of the clamp may be necessary. Use B3200 weldless eye nut, B3210 eye rod or B3211 welded eye rod. Also recommended for the attachment of sway bracing up to 8" (203.2mm). Refer to Cooper B-Line/TOLCO State of California Approved Seismic Restraint Product Manual.

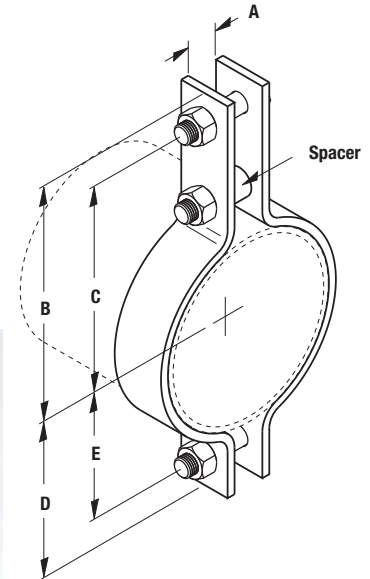
Approvals: — Conforms to Federal Specification WW-H-171E & A-A-1192A, Type 3 and Manufacturers Standardization Society ANSI/MSS SP-69 & SP-58, Type 3. Included in our Seismic Restraints Catalog approved by the State of California Office of Statewide Health Planning and Development (OSHPD). For additional load, spacing and placement information relating to OSHPD projects, please refer to the B-Line/TOLCO Seismic Restraint Systems Guidelines.

Maximum Temperature: 750°F (399°C)

Finish: Plain. Contact B-Line for alternative finishes and materials.

Order By: Part number, pipe size and finish.

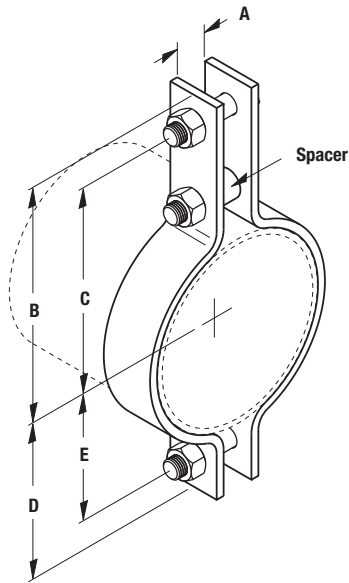
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Part No.	Pipe Size		A		B		C		D		E	
	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)
B3144-1/2	1/2"	(15)	3/8"	(9.5)	2 3/16"	(71.4)	2 3/16"	(55.6)	1 1/2"	(38.1)	7/8"	(22.2)
B3144-3/4	3/4"	(20)	5/8"	(15.9)	3"	(76.2)	2 3/8"	(60.2)	1 11/16"	(42.9)	1 1/16"	(27.0)
B3144-1	1"	(25)	5/8"	(15.9)	3 1/4"	(82.5)	2 5/8"	(66.7)	1 15/16"	(49.2)	1 5/16"	(33.3)
B3144-1 1/4	1 1/4"	(32)	5/8"	(15.9)	3 1/2"	(88.9)	2 7/8"	(72.9)	2 3/16"	(58.7)	1 9/16"	(39.7)
B3144-1 1/2	1 1/2"	(40)	1"	(25.4)	5 3/8"	(136.5)	4 1/2"	(114.3)	2 5/8"	(66.7)	1 3/4"	(44.4)
B3144-2	2"	(50)	1"	(25.4)	5 13/16"	(147.6)	4 15/16"	(125.4)	2 15/16"	(74.6)	2 1/16"	(52.4)
B3144-2 1/2	2 1/2"	(65)	1"	(25.4)	6 1/8"	(155.6)	5 1/4"	(133.3)	3 1/4"	(82.5)	2 3/8"	(60.3)
B3144-3	3"	(75)	1"	(25.4)	6 3/4"	(171.4)	5 7/8"	(149.2)	3 5/8"	(92.1)	2 11/16"	(68.3)
B3144-3 1/2	3 1/2"	(90)	1"	(25.4)	7 3/16"	(182.6)	6 5/16"	(160.3)	3 7/8"	(98.4)	3"	(76.2)
B3144-4	4"	(100)	1"	(25.4)	7 3/4"	(196.8)	6 5/8"	(168.3)	4 11/16"	(119.1)	3 9/16"	(90.5)
B3144-5	5"	(125)	1"	(25.4)	8 9/16"	(217.5)	7 7/16"	(189.5)	5 5/16"	(134.9)	4 3/16"	(106.4)
B3144-6	6"	(150)	1 1/2"	(38.1)	9 7/8"	(250.8)	8 1/2"	(215.9)	6 1/8"	(155.6)	4 3/4"	(120.6)
B3144-8	8"	(200)	1 1/2"	(38.1)	11"	(279.4)	9 5/8"	(244.5)	7 5/16"	(185.7)	5 15/16"	(150.8)
B3144-10	10"	(250)	1 1/2"	(38.1)	12"	(304.8)	10 1/2"	(266.7)	8 7/8"	(225.4)	7 5/16"	(185.7)
B3144-12	12"	(300)	1 1/2"	(38.1)	13 1/8"	(333.4)	11 5/8"	(295.3)	9 15/16"	(252.4)	8 7/16"	(214.3)
B3144-14	14"	(350)	2"	(50.8)	14 5/16"	(363.5)	12 9/16"	(319.1)	11 5/16"	(287.3)	9 9/16"	(242.9)
B3144-16	16"	(400)	2"	(50.8)	15 9/16"	(395.3)	13 13/16"	(350.8)	12 5/16"	(312.7)	10 9/16"	(268.3)
B3144-18	18"	(450)	2"	(50.8)	16 7/8"	(428.6)	15 1/8"	(384.2)	13 3/8"	(339.7)	11 5/8"	(295.3)
B3144-20	20"	(500)	2"	(50.8)	18 1/4"	(463.5)	16 3/8"	(415.9)	15 1/8"	(384.2)	13 1/4"	(336.5)
B3144-24	24"	(600)	2"	(50.8)	20 7/16"	(519.7)	18 7/16"	(468.3)	17 5/16"	(439.7)	15 5/16"	(388.9)
B3144-30	30"	(750)	2 1/2"	(63.5)	26"	(660.4)	23"	(584.2)	22"	(558.8)	19"	(482.6)
B3144-36	36"	(900)	2 1/2"	(63.5)	32 3/8"	(822.2)	28 7/8"	(733.4)	25 5/8"	(650.9)	22 1/8"	(562.0)

B3144 - Standard Double Bolt Pipe Clamp (TOLCO Fig. 5) cont.

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Part No.	Pipe Size		Bolt Size	Max. Design Load				Approx. Wt./100	
	in.	(mm)		650°F (343°C)	750°F (399°C)			lbs.	(kg)
B3144-1/2	1/2"	(15)	3/8"-16	950 (4.22)	--	(--)		73	(33.1)
B3144-3/4	3/4"	(20)	3/8"-16	950 (4.22)	--	(--)		73	(33.1)
B3144-1	1"	(25)	3/8"-16	950 (4.22)	--	(--)		77	(34.9)
B3144-1 1/4	1 1/4"	(32)	3/8"-16	950 (4.22)	--	(--)		79	(35.8)
B3144-1 1/2	1 1/2"	(40)	5/8"-11	1545 (6.87)	1380 (6.14)			236	(107.0)
B3144-2	2"	(50)	5/8"-11	1545 (6.87)	1380 (6.14)			251	(113.8)
B3144-2 1/2	2 1/2"	(65)	5/8"-11	1545 (6.87)	1380 (6.14)			274	(124.3)
B3144-3	3"	(75)	5/8"-11	1545 (6.87)	1380 (6.14)			289	(131.1)
B3144-3 1/2	3 1/2"	(90)	5/8"-11	1545 (6.87)	1380 (6.14)			315	(142.9)
B3144-4	4"	(100)	3/4"-10	2500 (11.12)	2230 (9.92)			745	(337.9)
B3144-5	5"	(125)	3/4"-10	2500 (11.12)	2230 (9.92)			828	(375.6)
B3144-6	6"	(150)	7/8"-9	2865 (12.74)	2555 (11.36)			1261	(572.0)
B3144-8	8"	(200)	7/8"-9	2865 (12.74)	2555 (11.36)			1535	(696.3)
B3144-10	10"	(250)	1"-8	3240 (14.41)	2890 (12.85)			2173	(985.7)
B3144-12	12"	(300)	1"-8	3240 (14.41)	2890 (12.85)			2404	(1090.4)
B3144-14	14"	(350)	1 1/4"-7	4300 (19.12)	3835 (17.06)			4002	(1815.3)
B3144-16	16"	(400)	1 1/4"-7	4300 (19.12)	3835 (17.06)			4362	(1978.6)
B3144-18	18"	(450)	1 1/4"-7	4300 (19.12)	3835 (17.06)			4935	(2238.5)
B3144-20	20"	(500)	1 3/8"-6	5490 (24.42)	4900 (21.79)			6570	(2980.1)
B3144-24	24"	(600)	1 3/8"-6	4500 (20.01)	4015 (17.86)			7524	(3412.9)
B3144-30	30"	(750)	1 3/8"-6	7500 (33.36)	--	(--)		19502	(8846.1)
B3144-36	36"	(900)	1 3/4"-5	10500 (46.70)	--	(--)		23488	(10654.1)

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