

# Pipe Clamps

## B3140 - Standard Pipe Clamp (TOLCO Fig. 4)

## B3140F - Standard Pipe Clamp Felt Lined for Copper Tubing (TOLCO Fig. 4F)

## B3140C - Standard Pipe Clamp PVC Coated (TOLCO Fig. 4PVC)

**Size Range:** B3140/B3140C Size 1/2" (15mm) thru 30" (750mm) pipe.

B3140F Size 1/2" (15mm) thru 2 1/2" (65mm) copper tubing

**Material:** Steel

**Function:** Recommended for the suspension of non-insulated pipe or insulated pipe with B3151 shields. (Use B3200 weldless eye nut, B3210 eye rod or B3211 welded eye rod.) B3140F and B3140C are designed to reduce noise and vibration and/or prevent electrolysis.

**Approvals:** Underwriters Laboratories Listed in the USA (**UL**), Canada (**cUL**) 3/4" (20mm) - 12" (300mm), and approved by Factory Mutual Engineering (**FM**), 3/4" (20mm) - 8" (200mm). Federal Specification WW-H-171E & A-A-1192A, Type 4, and Manufacturers Standardization Society ANSI/MSS SP-69 & SP-58, Type 4. 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 Seismic Restraint Systems Guidelines.

**Note:** For piping that requires sway bracing refer to Fig. 4A.

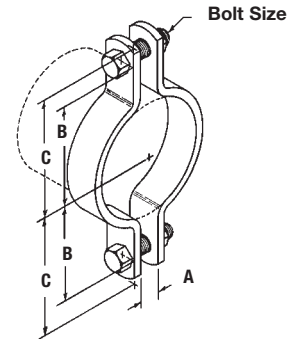
**Maximum Temperature:** - 750°F (399°C)

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

**Order By:** Part number, pipe size and finish.

**Order Note:** When ordering B3140F allow for 3/16" (4.8mm) felt on each half of clamp.

Component of State of California OSHPD Approved Seismic Restraints System



B3140



B3140F



B3140C

## B3140 - Standard Pipe Clamp (TOLCO Fig. 4)

## B3140F - Standard Pipe Clamp Felt Lined (TOLCO Fig. 4F)

## B3140C - Standard Pipe Clamp PVC Coated (TOLCO Fig. 4PVC) Cont.

Part No.	Pipe Size		A		B		C		Bolt Size
	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	
B3140-1/2	1/2"	(15)	3/8"	(9.5)	31/32"	(24.6)	117/32"	(38.9)	5/16"-18
B3140-3/4	3/4"	(20)	9/16"	(14.3)	13/32"	(27.8)	121/32"	(42.0)	5/16"-18
B3140-1	1"	(25)	9/16"	(14.3)	15/16"	(33.3)	17/8"	(47.6)	5/16"-18
B3140-1 1/4	1 1/4"	(32)	17/32"	(13.5)	17/16"	(36.5)	2"	(50.8)	5/16"-18
B3140-1 1/2	1 1/2"	(40)	19/32"	(15.1)	121/32"	(42.0)	27/32"	(56.4)	5/16"-18
B3140-2	2"	(50)	9/16"	(14.3)	21/8"	(54.0)	23/4"	(69.8)	1/2"-13
B3140-2 1/2	2 1/2"	(65)	5/8"	(15.9)	221/32"	(67.5)	39/32"	(83.3)	1/2"-13
B3140-3	3"	(75)	5/8"	(15.9)	215/16"	(74.6)	39/16"	(90.5)	1/2"-13
B3140-3 1/2	3 1/2"	(90)	5/8"	(15.9)	35/32"	(80.1)	325/32"	(96.0)	1/2"-13
B3140-4	4"	(100)	3/4"	(19.0)	39/16"	(90.5)	45/16"	(109.5)	5/8"-11
B3140-5	5"	(125)	3/4"	(19.0)	41/8"	(104.8)	47/8"	(123.8)	5/8"-11
B3140-6	6"	(150)	7/8"	(22.2)	415/16"	(125.4)	513/16"	(147.6)	3/4"-10
B3140-8	8"	(200)	1"	(25.4)	61/16"	(154.0)	615/16"	(176.2)	3/4"-10
B3140-10	10"	(250)	1"	(25.4)	73/8"	(187.3)	811/16"	(220.7)	7/8"-9
B3140-12	12"	(300)	1"	(25.4)	87/16"	(214.3)	93/4"	(247.6)	7/8"-9
B3140-14	14"	(350)	1 1/8"	(28.6)	91/4"	(234.9)	105/8"	(269.9)	7/8"-9
B3140-16	16"	(400)	1 1/8"	(28.6)	101/4"	(260.3)	115/8"	(295.3)	7/8"-9
B3140-18	18"	(450)	1 1/4"	(31.7)	117/8"	(301.6)	131/4"	(336.5)	1"-8
B3140-20	20"	(500)	1 3/8"	(34.9)	123/4"	(323.8)	141/8"	(358.8)	1 1/8"-7
B3140-24	24"	(600)	1 5/8"	(41.3)	151/4"	(387.3)	167/8"	(428.6)	1 1/4"-7
B3140-30	30"	(750)	2 1/4"	(57.1)	185/8"	(473.1)	21"	(533.4)	1 1/2"-6

Part No.	Pipe Size		Max. Design Load				Approx. Wt./100	
			650°F (343°C)		750°F (399°C)			
			lbs.	(kN)	lbs.	(kN)		
B3140-1/2	1/2"	(15)	500	(2.22)	390	(1.73)	30	(13.6)
B3140-3/4	3/4"	(20)	500	(2.22)	390	(1.73)	31	(14.0)
B3140-1	1"	(25)	500	(2.22)	390	(1.73)	33	(14.5)
B3140-1 1/4	1 1/4"	(32)	500	(2.22)	390	(1.73)	39	(17.7)
B3140-1 1/2	1 1/2"	(40)	800	(3.56)	620	(2.76)	41	(18.6)
B3140-2	2"	(50)	1040	(4.62)	810	(3.60)	118	(53.5)
B3140-2 1/2	2 1/2"	(65)	1040	(4.62)	810	(3.60)	130	(58.9)
B3140-3	3"	(75)	1040	(4.62)	810	(3.60)	150	(68.0)
B3140-3 1/2	3 1/2"	(90)	1040	(4.62)	810	(3.60)	158	(71.6)
B3140-4	4"	(100)	1040	(4.62)	810	(3.60)	239	(108.4)
B3140-5	5"	(125)	1040	(4.62)	810	(3.60)	272	(123.4)
B3140-6	6"	(150)	1615	(7.18)	1260	(5.60)	541	(245.4)
B3140-8	8"	(200)	1615	(7.18)	1260	(5.60)	642	(291.2)
B3140-10	10"	(250)	2490	(11.07)	1950	(8.67)	1366	(619.6)
B3140-12	12"	(300)	2490	(11.07)	1950	(8.67)	1543	(699.9)
B3140-14	14"	(350)	2490	(11.07)	1950	(8.67)	2077	(942.1)
B3140-16	16"	(400)	2490	(11.07)	1950	(8.67)	2289	(1038.3)
B3140-18	18"	(450)	3060	(13.61)	2390	(10.63)	3206	(1454.2)
B3140-20	20"	(500)	3060	(13.61)	2390	(10.63)	3616	(1640.2)
B3140-24	24"	(600)	3060	(13.61)	2390	(10.63)	5161	(2341.0)
B3140-30	30"	(750)	3500	(15.57)	2740	(12.14)	10460	(4744.6)

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