

Threaded Accessories

B3188 - Standard U-Bolt with 4 Hex Nuts (TOLCO Fig. 110)

B3188C - Standard Plastic Coated U-Bolt

Size Range: Size 1/2" (15mm) thru 30" (900mm) pipe

Material: Steel

Function: Recommended for support, anchor or guide of pipe.

Approvals: Underwriters Laboratories Listed 3/4" (20mm) thru 12" (300mm).
Conforms to Federal Specification WW-H-171E & A-A-1192A, Type 24
and Manufacturers Standardization Society ANSI/MSS SP-69 & SP-58,
Type 24.

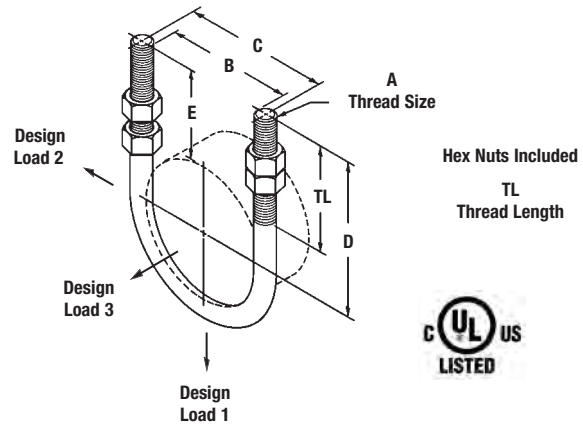
Maximum Temperature: 750°F (399°C)

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

Order By: Part number and finish. U-bolt can be furnished with longer tangents "D" or with longer threads "E". Consult factory.

Note: When furnished in Hot-Dip Galvanized finish, oversize tapped hex nuts must be used.

B3188NS - Non-standard (NS) U-bolts are available upon request. Specify dimensions other than standard. B3188DI - For ductile iron pipe.



B3188C
Plastic Coated

Part No.	Pipe Size		Thread Size	Thread Length TL		B	
	in.	(mm)		in.	(mm)	in.	(mm)
B3188-1/2	1/2"	(15)	1/4"-20	2 1/8"	(54.0)	1 5/16"	(23.8)
B3188-3/4	3/4"	(20)	1/4"-20	2 1/8"	(54.0)	1 1/8"	(28.6)
B3188-1	1"	(25)	1/4"-20	2 1/8"	(54.0)	1 3/8"	(34.9)
B3188-1 1/4	1 1/4"	(32)	3/8"-16	2 1/8"	(54.0)	1 11/16"	(42.9)
B3188-1 1/2	1 1/2"	(40)	3/8"-16	2 1/2"	(63.5)	2"	(50.8)
B3188-2	2"	(50)	3/8"-16	2 1/2"	(63.5)	2 7/16"	(61.9)
B3188-2 1/2	2 1/2"	(65)	1/2"-13	3"	(76.2)	2 15/16"	(74.6)
B3188-3	3"	(80)	1/2"-13	3"	(76.2)	3 9/16"	(90.5)
B3188-3 1/2	3 1/2"	(90)	1/2"-13	3"	(76.2)	4 1/16"	(103.2)
B3188-4	4"	(100)	1/2"-13	3"	(76.2)	4 9/16"	(115.9)
B3188-5	5"	(125)	1/2"-13	3"	(76.2)	5 21/32"	(143.6)
B3188-6	6"	(150)	5/8"-11	3 3/4"	(95.2)	6 3/4"	(171.4)
B3188-8	8"	(200)	5/8"-11	3 3/4"	(95.2)	8 3/4"	(222.2)
B3188-10	10"	(250)	3/4"-10	4"	(101.6)	10 7/8"	(276.2)
B3188-12	12"	(300)	7/8"-9	4 1/4"	(107.9)	12 7/8"	(327.0)
B3188-14	14"	(350)	7/8"-9	4 1/4"	(107.9)	14 1/8"	(358.8)
B3188-16	16"	(400)	7/8"-9	4 1/4"	(107.9)	16 1/8"	(409.6)
B3188-18	18"	(450)	1"-8	4 3/4"	(120.6)	18 1/8"	(460.4)
B3188-20	20"	(500)	1"-8	4 3/4"	(120.6)	20 1/8"	(511.2)
B3188-24	24"	(600)	1"-8	4 3/4"	(120.6)	24 1/8"	(612.8)
B3188-30	30"	(750)	1"-8	4 3/4"	(120.6)	30 1/8"	(765.2)

B3188 - Standard U-Bolt with 4 Hex Nuts (TOLCO Fig. 110) cont.

Part No.	C		Tangent D		E		Approx. Wt./100	
	in.	(mm)	in.	(mm)	in.	(mm)	Lbs.	(kg)
B3188-1/2	1 ³ / ₁₆ "	(30.2)	2 ³ / ₄ "	(69.8)	2 ⁵ / ₁₆ "	(58.7)	10	(4.5)
B3188-3/4	1 ³ / ₈ "	(34.9)	2 ³ / ₄ "	(69.8)	2 ⁷ / ₃₂ "	(56.3)	11	(5.0)
B3188-1	1 ⁵ / ₈ "	(41.3)	2 ³ / ₄ "	(69.8)	2 ³ / ₃₂ "	(53.2)	11	(5.0)
B3188-1 ¹ / ₄	2 ³ / ₃₂ "	(53.2)	2 ⁷ / ₈ "	(73.0)	2 ¹ / ₃₂ "	(51.6)	28	(12.7)
B3188-1 ¹ / ₂	2 ³ / ₈ "	(60.3)	3"	(76.2)	2 ¹ / ₁₆ "	(52.4)	29	(13.1)
B3188-2	2 ¹³ / ₁₆ "	(71.4)	3 ¹ / ₄ "	(82.5)	2 ¹ / ₁₆ "	(52.4)	31	(14.0)
B3188-2 ¹ / ₂	3 ⁷ / ₁₆ "	(87.3)	3 ³ / ₄ "	(95.2)	2 ⁵ / ₁₆ "	(58.7)	72	(32.6)
B3188-3	4 ¹ / ₁₆ "	(103.2)	4"	(101.6)	2 ¹ / ₄ "	(57.1)	79	(35.8)
B3188-3 ¹ / ₂	4 ⁹ / ₁₆ "	(115.9)	4 ¹ / ₄ "	(107.9)	2 ¹ / ₄ "	(57.1)	84	(38.1)
B3188-4	5 ¹ / ₁₆ "	(128.6)	4 ¹ / ₂ "	(114.3)	2 ¹ / ₄ "	(57.1)	94	(42.6)
B3188-5	6 ⁵ / ₃₂ "	(156.3)	5"	(127.0)	2 ⁷ / ₃₂ "	(56.3)	104	(47.2)
B3188-6	7 ³ / ₈ "	(187.3)	6 ¹ / ₈ "	(155.6)	2 ¹³ / ₁₆ "	(71.4)	203	(92.1)
B3188-8	9 ³ / ₈ "	(238.1)	7 ¹ / ₈ "	(181.0)	2 ¹³ / ₁₆ "	(71.4)	241	(109.3)
B3188-10	11 ⁵ / ₈ "	(295.3)	8 ³ / ₈ "	(212.7)	3"	(76.2)	412	(186.9)
B3188-12	13 ³ / ₄ "	(349.2)	9 ⁵ / ₈ "	(244.5)	3 ¹ / ₄ "	(82.5)	661	(299.8)
B3188-14	15"	(381.0)	10 ¹ / ₄ "	(260.3)	3 ¹ / ₄ "	(82.5)	707	(320.7)
B3188-16	17"	(431.8)	11 ¹ / ₄ "	(285.7)	3 ¹ / ₄ "	(82.5)	782	(354.7)
B3188-18	19 ¹ / ₈ "	(485.8)	12 ⁵ / ₈ "	(320.7)	3 ⁵ / ₈ "	(92.1)	1344	(609.6)
B3188-20	21 ¹ / ₈ "	(536.6)	13 ⁵ / ₈ "	(346.1)	3 ⁵ / ₈ "	(92.1)	1458	(661.3)
B3188-24	25 ¹ / ₈ "	(638.2)	15 ⁵ / ₈ "	(396.9)	3 ⁵ / ₈ "	(92.1)	1687	(765.2)
B3188-30	31 ¹ / ₈ "	(790.6)	18 ⁵ / ₈ "	(473.1)	3 ⁵ / ₈ "	(92.1)	2030	(920.8)

Part No.	Design Load 1		Design Load 2		Design Load 3	
	650°F (343°C)	750°F (399°C)	650°F (343°C)	650°F (343°C)	650°F (343°C)	650°F (343°C)
	Lbs.	(kN)	Lbs.	(kN)	Lbs.	(kN)
B3188-1/2	580	(2.58)	454	(2.02)	145	(0.64)
B3188-3/4	580	(2.58)	454	(2.02)	145	(0.64)
B3188-1	580	(2.58)	454	(2.02)	145	(0.64)
B3188-1 ¹ / ₄	1460	(6.49)	1144	(5.09)	365	(1.62)
B3188-1 ¹ / ₂	1460	(6.49)	1144	(5.09)	365	(1.62)
B3188-2	1460	(6.49)	1144	(5.09)	365	(1.62)
B3188-2 ¹ / ₂	2700	(12.01)	2114	(9.40)	675	(3.00)
B3188-3	2700	(12.01)	2114	(9.40)	675	(3.00)
B3188-3 ¹ / ₂	2700	(12.01)	2114	(9.40)	675	(3.00)
B3188-4	2700	(12.01)	2114	(9.40)	675	(3.00)
B3188-5	2700	(12.01)	2114	(9.40)	675	(3.00)
B3188-6	4320	(19.21)	3382	(15.04)	1080	(4.80)
B3188-8	4320	(19.21)	3382	(15.04)	1080	(4.80)
B3188-10	6460	(28.73)	5060	(22.50)	1615	(7.18)
B3188-12	9960	(44.30)	7016	(31.21)	2490	(11.07)
B3188-14	9960	(44.30)	7016	(31.21)	2490	(11.07)
B3188-16	9960	(44.30)	7016	(31.21)	2490	(11.07)
B3188-18	11800	(52.48)	9240	(41.10)	--	--
B3188-20	11800	(52.48)	9240	(41.10)	--	--
B3188-24	11800	(52.48)	9240	(41.10)	--	--
B3188-30	11800	(52.48)	9240	(41.10)	--	--

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