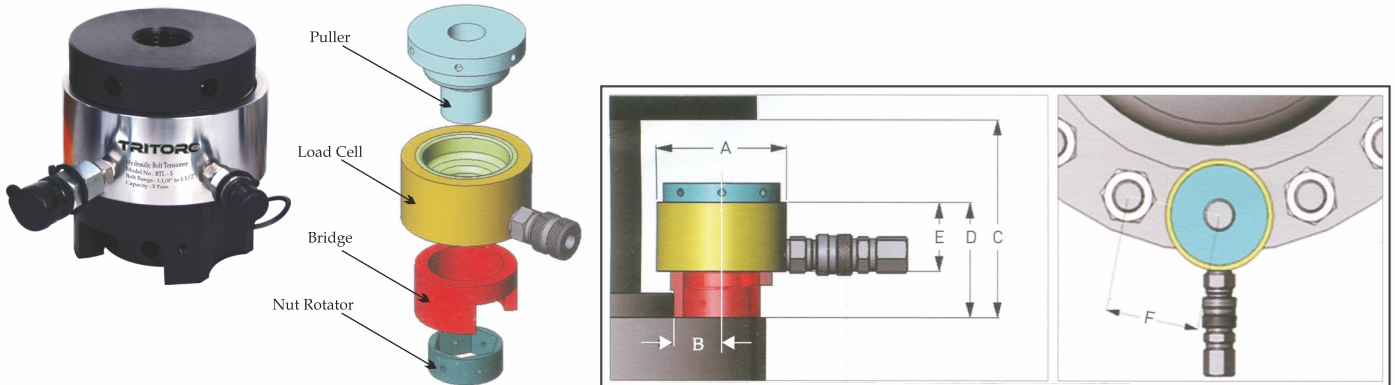


TOP-SIDE BOLT TENSIONER



Model	Bolt Size		Cylinder kN (Ton)	Hyd. Area cm ² (in ²)	Dimension						Weight kg (lbs)
	Metric	Inch			A	B	C	D	E	F	
					mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	
BTL-3	M16	–	234.2 (23.88)	15.7 (2.43)	75 (2.95)	32.5 (1.27)	168 (6.61)	90 (3.54)	62 (2.44)	47-51 (1.8-2.0)	3 (6.61)
	M18	3/4"									
	M20	–									
	M22	7/8"									
	M24	1"									
BTL-5	M27	1-1/8"	498.2 (50.80)	33 (5.11)	102 (4.01)	47 (1.85)	187 (7.36)	106 (4.17)	60 (2.36)	65-71 (2.5-2.8)	5.50 (12.12)
	M30	–									
	M33	1-1/4"									
	M36	1-3/8"									
BTL-9	M39	1-1/2"	896.8 (91.44)	59.7 (9.25)	133 (5.23)	61 (2.40)	208 (8.18)	120 (4.72)	60 (2.36)	86-93 (3.4-3.7)	10 (22.04)
	M42	1-5/8"									
	M45	1-3/4"									
	M48	1-7/8"									
BTL-13	M52	2"	1660.0 (169.27)	83 (12.86)	163 (6.41)	73 (2.87)	231 (9.09)	135 (5.31)	62 (2.44)	106-114 (4.2-4.5)	16 (35.27)
	M56	2-1/4"									
	M60	–									
BTL-19	M64	2-1/2"	1843.3 (187.96)	123 (19.06)	193 (7.59)	86.5 (3.40)	254 (10)	150 (5.90)	62 (2.44)	129-135 (5.1-5.3)	22 (48.50)
	M68	–									
	M72	2-3/4"									
	M76	3"									
BTL-27	M76	3"	2640.5 (269.25)	176 (27.28)	233 (9.17)	110 (4.33)	286 (11.25)	180 (7.08)	73 (2.87)	155-167 (6.1-6.6)	40 (88.18)
	M80	–									
	M85	3-1/4"									
	M90	3-1/2"									
	M95	3-3/4"									
	M100	4"									
BTL-37	M90	3-1/2"	3768.0 (384.22)	251 (38.90)	280 (11.02)	111-121 (4.4-4.8)	304-338 (11.9-13.3)	181-197 (7.1-7.7)	37-40 (1.4-1.6)	175-196 (6.9-7.7)	64 (141.09)
	M95	3-3/4"									
	M100	4"									
	M110	4.1-4"									
BTL-44	M100	4"	4335.0 (442.04)	289 (44.79)	314 (12.4)	121-140 (4.8-5.5)	304-338 (11.8-13.3)	181-197 (7.1-7.7)	37-40 (1.4-1.5)	210-233 (8.3-9.2)	45 (99.20)
	M110	4-1/4"									
BTL-54	M120	4-3/4"	5407.0 (551.36)	360 (55.80)	344 (13.5)	131-161 (5.1-6.3)	354-388 (13.9-15.3)	202-216 (7.9-8.5)	42-47 (1.7-1.8)	243-275 (9.5-10.8)	73 (160.93)
	M130	5-1/4"									
	M140	5-1/2"									
	M150	5-3/4"									

Note: Dimensions are subject to change.