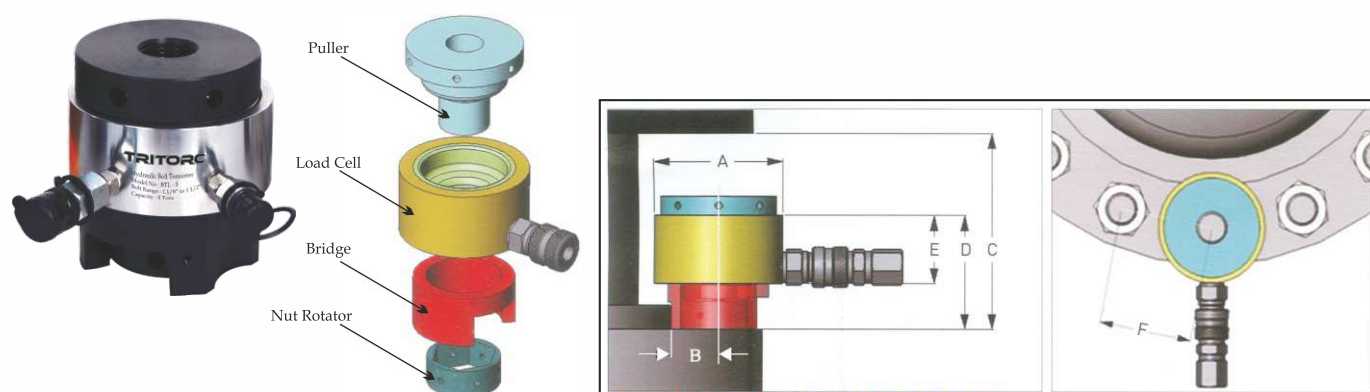


TOP-SIDE BOLT TENSIONER (BTL SERIES)



TECHNICAL DATA

Model	Bolt Size		Cylinder kN (Ton)	Hyd. Area cm ² (in ²)	Dimension						Weight kg (lbs)
	Metric	Inch			A	B	C	D	E	F	
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 (1.85-2.0)	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 (2.55-2.79)	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 (3.38-3.66)	10 (22.04)
	M42	1-5/8"									
	M45	1-3/4"									
	M48	1-7/8"									
BTL-13	M52	2"	1245.0 (126.8)	83 (12.86)	163 (6.41)	73 (2.87)	231 (9.09)	135 (5.31)	62 (2.44)	106-114 (4.17-4.48)	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 (5.07-5.31)	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 (6.10-6.57)	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 (4.37-4.76)	304-338 (11.96-13.30)	181-197 (7.12-7.75)	37-40 (1.45-1.57)	175-196 (6.88-7.71)	64 (141.09)
	M95	3-3/4"									
	M100	4"									
	M110	4.1-4.1"									
BTL-44	M100	4"	4335.0 (442.04)	289 (44.79)	314 (12.36)	121-140 (4.76-5.51)	310-360 (12.20-14.17)	191-210 (7.51-8.26)	40-44 (1.57-1.73)	192-233 (7.55-9.17)	85 (187.39)
	M110	4.1-2"									
	M120	4.3-4"									
	M125	5"									
BTL-54	M125	5"	5404.0 (551.05)	360 (55.80)	344 (13.54)	131-161 (5.15-6.33)	354-388 (13.93-15.27)	202-216 (7.95-8.50)	42-47 (1.65-1.85)	243-275 (9.56-10.82)	125 (275.57)
	M130	5-1/4"									
	M140	5-1/2"									
	M150	5-3/4"									

Note: Dimensions are subject to change.