

Hydraulic Bolt Tensioner



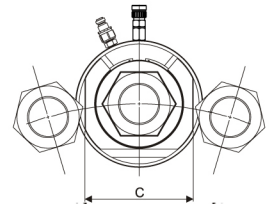
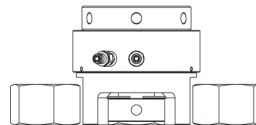
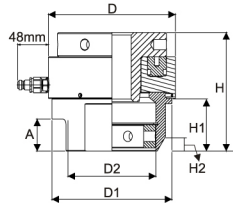
Capacity:
30 - 465 Ton

Stroke:
8 - 10 mm

Bolt Range: M20 - M150
inch size: 3/4" - 5-3/4"

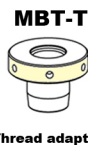
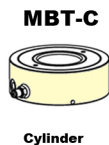
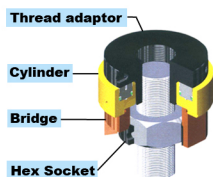
Max. Operating Pressure:
1500 bar

- Fit all Standard flanges including ANSI and API Flanges.
- Lightweight and easily handled design.
- Quick-Release bridge and Hex. Socket design-for fast change over.
- Electro-less nickel plating prolongs tool life and reduces on-the-job maintenance.
- Improved seal design offer increased reliability.
- Simple and easy to maintain.



Model		MBT-50	MBT-60	MBT-90	MBT-130	MBT-160	MBT-200	MBT-250
Bolt dimension (ϕ *pitch)	Metric	M36*4	M42*4.5	M45*4.5	M60*5.5	M72*6	M80*6	M100*6
		M39*4	M45*4.5	M48*5	M64*6	M76*6	M85*6	M110*6
		M42*4.5	M48*5	M52*5	M68*6	M80*6	M90*6	M120*6
		M45*4.5	M52*5	M56*5.5	M72*6		M95*6	M125*6
				M60*5.5	M76*6		M100*6	
Threads (ϕ in -)	imperial	1-3/8"-6	1-1/2"-6	1-3/4"-5	2-1/2"-4	2-3/4"-4	3-1/4"-4	3-3/4"-4
		1-1/2"-6	1-3/4"-5	2"-4-1/2	2-3/4"-4	3"-4	3-1/2"-4	4"-4
		1-3/4"-5	2"-4-1/2	2-1/4"-4-1/2			3-3/4"-4	4-1/4"-4
								4-1/2"-4
								4-3/4"-4
Max. Pressure	(bar)	1500	1500	1500	1500	1500	1500	1500
	(psi)	21756	21756	21756	21756	21756	21756	21756
Hydraulic area	(cm ²)	50	60	90	130	160	200	250
	(in ²)	7.75	9.3	13.95	20.15	24.8	31	38.75
Max.hydraulic load	(kN)	750	900	1350	1950	2400	3000	3750
	(lbf)	168606	202328	303492	438377	539541	674426	843032
Piston stroke	(mm)	8	8	8	8	10	10	10
D (mm)		128	144	170	198	220	244	300
H (mm)		128	140	154	185	190	203	235
H1 (mm)		49	54	65	82	86	106	131
H2 (mm)		10.39	10.39	13.86	22.52	22.52	22.52	22.52
D1 (mm)		116	133	154	187	203	232	272
D2 (mm)		90	102	114	137	145	180	223
A (mm)		38	40	42	50	50	60	73
C (mm)		100	118	134	167	175	210	253
Weight	(kg)	7.5	11	17.3	25	33	39	56

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Model	Bolt dimension	Cylinder Model	Bridge Model	Thread adaptor Model	Hex. Socket Model
MBT-50	M36*4	MBT- 50C	MBT- 50J	MBT-50T M36-4	MBT-50H 55
	M39*4			MBT-50T M39-4	MBT-50H 60
	M42*4.5			MBT-50T M42-4.5	MBT-50H 65
	M45*4.5			MBT-50T M45-4.5	MBT-50H 70
	1-3/8"-6			MBT-50T 1-3/8"-6	MBT-50H 55
	1-1/2"-6			MBT-50T 1-1/2"-6	MBT-50H 60
MBT-60	1-3/4"-5	MBT- 60C	MBT- 60J	MBT-50T 1-3/4"-5	MBT-50H 70
	M42*4.5			MBT-60T M42-4.5	MBT-60H 65
	M45*4.5			MBT-60T M45-4.5	MBT-60H 70
	M48*5			MBT-60T M48-5	MBT-60H 75
	M52*5			MBT-60T M52-5	MBT-60H 80
	1-1/2"-6			MBT-60T 1-1/2"-6	MBT-60H 60
MBT-90	1-3/4"-5	MBT-90C	MBT-90J	MBT-60T 1-3/4"-5	MBT-60H 70
	2"-4.5			MBT-60T 2"-4.5	MBT-60H 80
	M45*4.5			MBT-90T M45-4.5	MBT-90H 70
	M48*5			MBT-90T M48-5	MBT-90H 75
	M52*5			MBT-90T M52-5	MBT-90H 80
	M56*5.5			MBT-90T M56-5.5	MBT-90H 85
MBT-130	M60*5.5	MBT-130C	MBT-130J	MBT-90T M60-5.5	MBT-90H 90
	1-3/4"-5			MBT-90T 1-3/4"-5	MBT-90H 70
	2"-4.5			MBT-90T 2"-4.5	MBT-90H 80
	2-1/4"-4.5			MBT-90T 2-1/4"-4.5	MBT-90H 90
	M60*5.5			MBT-130T M60-5.5	MBT-130H 90
	M64*6			MBT-130T M64-6	MBT-130H 95
MBT-160	M68*6	MBT-160C	MBT-160J	MBT-130T M68-6	MBT-130H 100
	M72*6			MBT-130T M72-6	MBT-130H 105
	M76*6			MBT-130T M76-6	MBT-130H 110
	2-1/2"-4			MBT-130T 2-1/2"-4	MBT-130H 100
	2-3/4"-4			MBT-130T 2-3/4"-4	MBT-130H-108
	M72*6	MBT-160C	MBT-160J	MBT-160T M72-6	MBT-160H-105
MBT-200	M76*6			MBT-160T M76-6	MBT-160H-110
	M80*6			MBT-160T M80-6	MBT-160H-115
	2-3/4"-4			MBT-160T 2-3/4"-4	MBT-160H-108
	3"-4			MBT-160T 3"-4	MBT-160H-118
	M80*6	MBT-200C	MBT-200J	MBT-200T M80-6	MBT-200H-115
MBT-250	M85*6			MBT-200T M85-6	MBT-200H-120
	M90*6			MBT-200T M90-6	MBT-200H-130
	M95*6			MBT-200T M95-6	MBT-200H-135
	M100*6			MBT-200T M100-6	MBT-200H-145
	3-1/4"-4			MBT-200T 3-1/4"-4	MBT-200H-127
MBT-250	3-1/2"-4	MBT-250C	MBT-250J	MBT-200T 3-1/2"-4	MBT-200H-137
	3-3/4"-4			MBT-200T 3-3/4"-4	MBT-200H-146
	M100*6			MBT-250T M100-6	MBT-250H-145
	M110*6			MBT-250T M110-6	MBT-250H-155
	M120*6			MBT-250T M120-6	MBT-250H-170
	M125*6			MBT-250T M125-6	MBT-250H-180
MBT-250	3-3/4"-4	MBT-250C	MBT-250J	MBT-250T 3-3/4"-4	MBT-250H-146
	4"-4			MBT-250T 4"-4	MBT-250H-156
	4-1/4"-4			MBT-250T 4-1/4"-4	MBT-250H-165
	4-1/2"-4			MBT-250T 4-1/2"-4	MBT-250H-175
	4-3/4"-4			MBT-250T 4-3/4"-4	MBT-250H-184