



HYDRAULIC BOLT TENSIONERS 1500 BAR

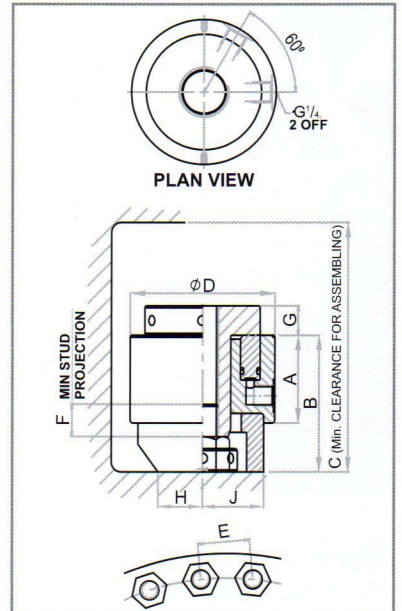
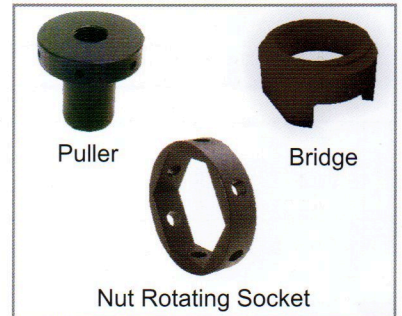
Torc Star Bolt Tensioners are used for swift method of tightening & opening by tensioning bolt / studs. After applying the oil pressure by Torc Star Pneumo Hydraulics pump, load cell lift the puller up side i.e. tightly gripped with stud bolt thread. This cause release of nut and it becomes loosen. Nut can be easily rotated with nut rotating Socket and Tommy bar and tightening completed the same process is used for swift loosening operating It mainly consists of Load Cell, puller, nut rotating sockets & bridge.

Typical Applications

- Pipeline Flanges
- Pressure Vessels
- Valves and Pumps
- Manways
- Heat Exchangers
- Diesel Engines
- Cranes
- Presses
- Steam and Gas Turbines
- Shaft Couplings
- Coal and Rock Grinders
- Catalyst Reactors
- Wind Turbines
- Electric & Steam Generators



Model No	Bolt / Stud Size		Cylinder (tons)	Stroke Cap (mm)	Effective Area (cm ²)	Dimension								Approx. Weight (Kg)	
	(metric)	(Inch)				A	B	C	D	E	F	G	H		J
THT-3	M16	-	23.5	10	15.7	62	90	168	75	49	28	16	30	32.5	2
	M18	3/4"								49					
	M20	-								51					
	M22	7/8"								51					
THT-5	M24	1"	50	15	33	60	106	187	102	60	44	22	36	47	4
	M27	1 1/8"								72					
	M30	-								74					
	M33	1 1/4"								76					
	M36	1 3/8"								80					
THT-9	M39	1 1/2"	90	15	59.7	60	120	208	133	88	56	28	49	61	6
	M42	1 5/8"								90					
	M45	1 3/4"								94					
	M48	1 7/8"								100					
THT-13	M52	2"	125	15	83	62	135	231	163	104	68	34	59	73	10
	M48	1 7/8"								110					
	M52	2"								112					
	M56	2 1/4"								126					
	M60	-								126					
THT-19	M64	2 1/2"	185	15	123	62	150	254	193	136	80	42	66	86.5	15
	M68	-								144					
	M72	2 3/4"								146					
THT-27	M76	3"	265	15	176	73	180	286	233	154	104	48	77	110	24.5
	M76	3"								162					
	M80	-								162					
	M85	3 1/4"								174					
	M90	3 1/2"								185					
M95	3 3/4"	200													
M100	4"	212													



AIR OPERATED HYDRAULIC POWER PACK FOR BOLT TENSIONERS

The air Operated pumps are designed considering the safety, reliability and maximum operator comfort. All the pressure connections are facing away from operator.

- Model No : TPP-1BT
- Pressure Ratio : 1: 220Bar
- Tank Capacity : 10 Liters
- Flow at Max. Pressure : 0.01 Liter per min.
- Air Pressure : 1.8 - 7 Bar

Optional : 1600 Bar Hand Pump available for Hydraulic Bolt Tensioning.

