



HexForce

TENSIONERS

SEAL RELIABILITY

Optimum technology composite material seals that remain firm; does not dislodge; are low maintenance; have an extended life and facilitate easy piston retraction as compared to other seal materials.

HYDRAULIC HOSE SYSTEM

The hoses have a safety factor of 2.5:1 on maximum working pressure of 1500 bar. The quick connectors are suitable for 1500 bar operation.

OVER-STROKE INDICATOR

Clearly visible red warning indicator line to show when the tool has reached its maximum piston extension.

OPTIONAL

- Automatic Piston Return for safe & fast operation
- Gear Driven Nut Run Down ensures firm and repeatable nut run down torques.



STANDARD FIT

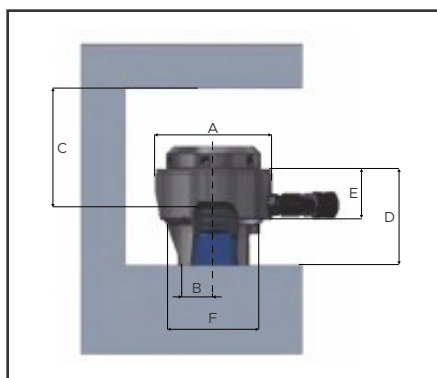
HexForce standard tensioners operating at maximum pressure of 1500 bar are designed to fit most of ANSI B 16.5, 16.47, API flanges. Custom built tensioners for applications with space constraints or high load requirements are also available. These tools have suitable surface protection for long term use in arduous conditions and have a long operating life.

A comprehensive Health and Safety Operating and Instruction Manual is provided along with the tool,

which provides clear and concise graphical illustrations of the equipment, its appropriate usage, maintenance, and operating pressure data.

Additionally, we are available to provide quick response to any technical questions regarding the equipment and the applications.

The tensioning tool comprises of Hydraulic Cylinder, Socket, Bridge and Puller. The Adaptor Set comprises of socket, bridge and puller.

**HexForce****TENSIONERS**

MODEL	BOLT SIZE		MAX. TENSIONER LOAD		PRESSURE AREA mm ²	MAX PRESSURE bar	STROKE mm	DIMENSIONS (mm)					
	in	mm	kN	tonf				A	B	C	D	E	F
BST-11	-	M16	233	23.8	1555	1500	12	74	31	64	79.3	44	74
	3/4"	M20											
	7/8"	M22											
	1"	M24											
	1-1/8"	M27											
BST-12	1-1/8"	M27	443	44.0	2884	1500	15	108	42	89	101.2	58.1	102.1
	-	M30											
	1-1/4"	M33											
	1-3/8"	M36											
	1-1/2"	M39											
BST-13	1-1/2"	M39	791	80.0	5271	1500	15	136	54	89	116	58	132.47
	1-5/8"	M42											
	1-3/4"	M45											
	1-7/8"	M48											
	2"	M52											
BST-14	2"	M52	1267	129.0	8445	1500	15	172	65.5	102	119.5	58	162
	2-1/4"	M56											
	2-1/2"	M64											
BST-15	2-1/2"	M64	1830	186.0	12197	1500	15	200	76	98	131	64	187
	2-3/4"	M72											
	3"	M76											
BST-16	3"	M76	2502	255	16682	1500	15	235	94	125	163	68	218
	3-1/4"	M80											
	3-1/2"	M90											
BST-17	3-1/2"	M90	2629	268	17530	1500	15	245	102	125	148	66	245
	3-3/4"	M95											
	4"	M100											
BST-18	4"	M100	3802	387.7	25349	1500	15	286	122	133	157	73	284
	4-1/2"	M110											
	5"	M125											
BST-19	5"	M125	4903	500.0	32688	1500	15	335	143	165	191	78	325
	5-1/4"	M130											
	5-3/4"	M150											

NOTE: 1) Due to continual product development, certain dimensions are subject to change.

2) Maximum Working Pressure: 1500 bar.

**ADVANCED BOLTING SOLUTIONS PVT. LTD.**

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