

# TENSIONER



BOLT SIZE RANGE **3/4" - 5 3/4"**  
**M16 - M150**



## HFST SERIES STANDARD FIT TENSIONERS

Our 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 responses to any technical questions regarding the equipment and the applications. The tensioning tool comprises Hydraulic Cylinder, Socket, Bridge and Puller. The Adaptor Set comprises socket, bridge and puller.

### Safe & Reliable Design

Incorporating the latest safety features, these tensioners prioritize user safety during operation.

### Latest Seal Technology

Cutting-edge seals prevent leaks and ensure operational integrity, minimizing the risk of accidents and equipment failure.

### Long Stroke Design

Enables efficient and precise bolt tensioning across a wider range of applications.



CE conformity

## ABS Oil and Gas Solutions LLC

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MODEL	BOLT SIZE		MAXIMUM TENSIONER LOAD		HYDRAULIC PRESSURE AREA mm <sup>2</sup>	MAX. PRESSURE bar	STROKE mm	DIMENSIONS (mm)					
	inch	mm	kN	tonf				A	B	C	D	E	F
HFST-11	-	M16	233	23.8	1555	1500	12	74	31	64	79.3	44	74
	3/4"	M20											
	7/8"	M22											
	1"	M24											
HFST-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											
HFST-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											
HFST-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											
HFST-15	2-1/2"	M64	1830	186.0	12197	1500	15	200	76	98	131	64	187
	2-3/4"	M72											
	3"	M76											
HFST-16	3"	M76	2502	255	16682	1500	15	235	94	125	163	68	218
	3-1/4"	M80											
	3-1/2"	M90											
HFST-17	3-1/2"	M90	2629	268	17530	1500	15	245	102	125	148	66	245
	3-3/4"	M95											
	4"	M100											
HFST-18	4"	M100	3802	387.7	25349	1500	15	286	122	133	157	73	284
	4-1/2"	M110											
	5"	M125											
HFST-19	5"	M125	4903	500.0	32688	1500	15	335	143	165	191	78	325
	5-1/4"	M130											
	5-3/4"	M150											

\*2500 bar can also be provided on request.

\*Tool dimensions and load value are subject to design specification.

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