

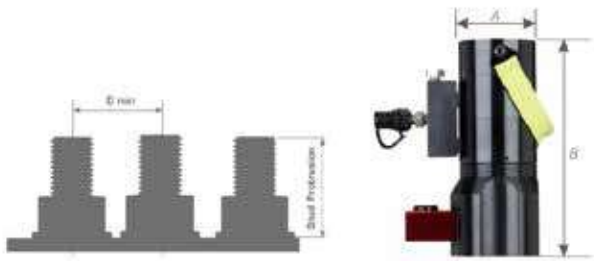
BTW SERIES

Bolt Tensioners for Wind Turbines



Features

- Light weight and compact structure suits operations in small space.
- Special steel body and advanced surface treatment with perfect rust and corrosion resistance.
- Double stage cylinder design to increase the stretching length.
- Automatic retraction mechanism for heavy duty purpose Rated working pressure of 21750 psi fits high pressure
- manual pumps, high pressure pneumatic pumps and high pressure electric pumps.



Bolt Range: 1 3/16"-2 1/2" M30-M64

Load Capacity: 46.5-222ton

Stroke: 0.31-0.39inch

Max. Operating Pressure: 21,750psi

Optional Hydraulic Components

These products operate at ultra-high pressure, use only the specified fitting and hoses designed for these pressure. For details, please refer to the section "hydraulic components".



Ultra-High Pressure Electric Pump

ETTP series ultra-high pressure electric pump can be selected.



Ultra-High Pressure Air Pump

PTP series ultra-high pressure air pump can be selected.



Model Number	Bolt Diameter		Stud Protrusion (inch)		Max Stroke	Maximum Load		Hydraulic Pressure Area		Dia. A	Height B	D	Weight
	inch	Metric	Min	Max		inch	ton	lbs	mm ²				
BTW4B	1.3/16"	M30	2.32	2.72	0.31	46.5	104622	3447.21	5.343	2.83	8.07	2.52	14
BTW5B	1.1/4"	M33	2.52	2.87	0.39	57.6	129444	4266.09	6.611	3.11	8.56	2.80	16
BTW6B	1.3/8"	M36	2.80	3.19	0.39	67.8	152478	5024.05	7.787	3.33	9.04	3.03	19
BTW8B	1.1/2"	M39	2.99	3.39	0.39	81	182225	6004.2	9.307	3.62	10.35	3.27	25
BTW9B	1.5/8"	M42	3.27	3.66	0.39	93	208999	6886.37	10.674	3.82	10.33	3.74	28
BTW10B	1.3/4"	M45	3.46	3.86	0.39	108	242682	7996.12	12.394	6.10	10.85	3.72	35
BTW12B	1.7/8"	M48	3.70	4.09	0.39	122	274620	9048.57	14.025	4.37	11.28	3.96	39
BTW16B	2.1/4"	M56	4.33	4.72	0.39	168.6	379070	12490.29	19.359	5.20	12.36	4.53	58
BTW22B	2.1/2"	M64	4.88	5.28	0.39	222	499300	16461.3	25.515	5.91	13.86	4.88	77