

Foundation Bolt Tensioners

▼ This is how a FTR-Series Foundation Bolt Tensioner Model Number is Built Up:



1	2	3	4	5	6
Product Type	Bar Grade	Bar Size Designation	Stroke	Fitting Type	Run Down Gear

1 Product Type

FTR = Foundation Tensioner, Round

2 Bar Grade

75 = 75 ksi
150 = 150 ksi
 (or metric designation)

3 Bar Size Designation

Example: 14 = No. 14 bar

4 Maximum Stroke

Example: **0.79** = 0.79 in. max. stroke

5 Fitting Type

SW = Includes swivel manifold with single male fitting

6 Run Down Gear

G = Includes Run Down Gear (available in select models)

FTR Series



Load Range:

0-308 Tons

Maximum Operating Pressure*:

21,750 psi / 1500 bar

* Max. Pressure varies, see specification table for details.



Tensioner Pumps

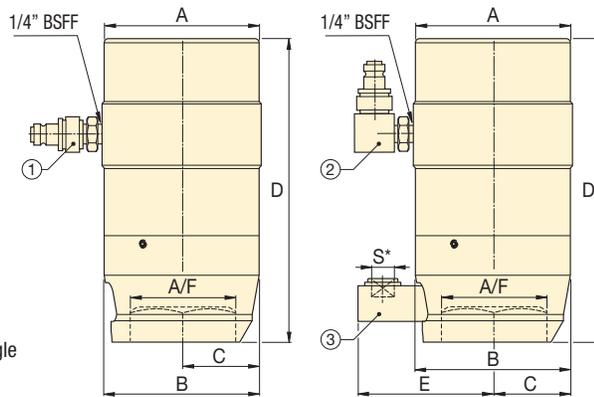
Electric, pneumatic and manual high-pressure tensioning pumps are available for use with Enerpac hydraulic tensioners.



Hoses and Fittings

High-pressure hoses and fittings for use with Enerpac tensioning systems are available.

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- ① Single male fitting
- ② Swivel manifold with single male fitting
- ③ Nut run down gear box

FTR...S

FTR...SWG

▼ SPECIFICATION TABLE

Bar Grade	Bolt Diameter		Bar Size Designation	Model Number	Nut AF (in)	Maximum Pressure (psi)	Hydraulic Pressure Area (in ²)	Load Capacity (tons)	Stroke (in)	Dimensions (in)					Wt. (lbs)	Min. Bolt Protrusion (in)
	(in)	(mm)								A	B	C	D	E		
75 ksi	1.38	35	#10	FTR751010S	2.00	17,400	4.86	42.3	0.39	3.90	3.48	1.74	6.42	-	12.9	7.87
	1.38	35	#10	FTR751025S	2.00	17,400	4.84	42.1	0.98	4.53	4.02	1.65	8.64	-	24.1	9.84
	1.50	38	#11	FTR751110S	2.25	21,750	4.86	52.8	0.39	3.90	3.86	1.50	7.01	-	12.1	8.66
	1.50	38	#11	FTR751125SG	2.25	21,750	4.84	52.7	0.98	4.53	4.02	2.01	8.92	3.78	25.3	10.24
	1.88	48	#14	FTR751420S	2.75	16,965	9.44	80.1	0.79	5.20	5.20	2.60	10.55	-	40.2	12.40
150 ksi	1.44	37	1.25	FTR15012510S	2.25	16,965	8.34	90.8	0.39	4.37	4.33	1.57	7.01	-	18.2	8.66
	1.56	40	1.375	FTR15013810S	2.50	21,750	8.34	90.8	0.39	4.37	4.33	1.50	7.01	-	17.8	8.86
	2.75	70	2.50	FTR15025025S	4.25	21,750	28.27	307.5	1.00	8.44	8.35	3.39	13.68	-	127.8	17.72
10.9	1.42	36	36	FTR1093610SG	2.36	21,750	5.92	64.4	0.39	4.02	3.90	1.57	6.93	3.74	19.0	7.68

Gear box square drive dimension S = 1/2 inch.