

# FTE-Series, Foundation Bolt Tensioners (Elliptical)

▼ This is how an FTE-Series Foundation Bolt Tensioner Model Number is Built Up:



## 1 Product Type

**FTE** = Foundation Tensioner, Elliptical

## 2 Bar Grade

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

## 3 Bar Size Designation

**Example:** 10 = No. 10 bar

## 4 Fitting Type

**S** = Includes single male fitting  
**SW** = Includes swivel manifold with single male fitting

## FTE Series



Load Range:

**0-86 Tons**

Maximum Operating Pressure\*:

**21,750 psi / 1500 bar**

\* Maximum pressure varies, see specification table for details.



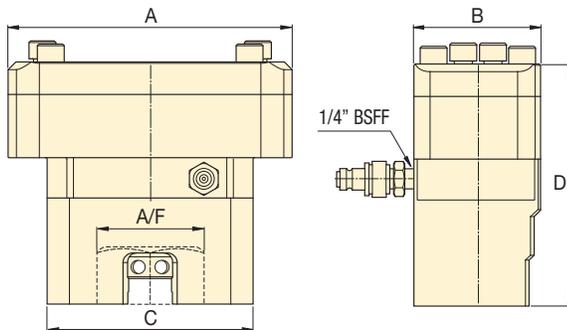
## Tensioner Pumps

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.



Page: 78

## ▼ SPECIFICATION TABLE

Bar Grade	Bolt Diameter		Bar Size Designation	Model Number	Nut AF	Maximum Pressure	Hydraulic Pressure Area	Load Capacity	Stroke	Dimensions (in)				Wt. (lbs)	Min. Bolt Protrusion (in)
	(in)	(mm)								A	B	C	D		
75 ksi	1.38	35	#10	<b>FTE7510S</b>	2.00	17,400	4.82	41.9	0.39	6.69	3.23	5.59	5.81	18.19	7.87
	1.50	38	#11	<b>FTE7511S</b>	2.25	21,750	4.82	52.4	0.39	6.69	3.23	5.59	5.81	18.19	8.66
150 ksi	1.44	37	1.25	<b>FTE150125S</b>	2.25	17,400	7.86	68.4	0.39	8.74	3.90	6.34	8.01	41.67	9.45
	1.56	40	1.375	<b>FTE150138S</b>	2.50	21,750	7.86	85.6	0.39	8.74	3.90	6.34	8.01	40.81	9.06
8.8	1.42	36	36	<b>FTE8836S</b>	2.36	21,750	4.82	52.4	0.39	5.59	3.23	5.59	5.81	21.32	7.09