

STU | SUB-SEA BOLT TENSIONERS - METRIC

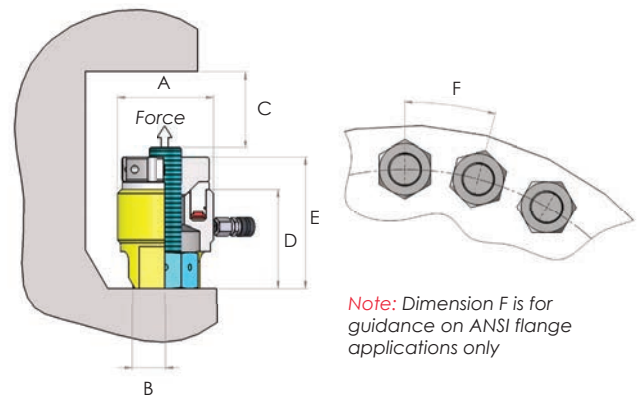


Capacities from 28.8 to 279 tons

Bolt sizes from M24 to M90 diameter

Maximum working pressure 21750 psi

- ▶ Single acting design with manual piston retraction
- ▶ Manufactured from high grade alloy steel with added corrosion protection
- ▶ Extra-long piston stroke on all models, to save valuable diver time
- ▶ Simple two piece design for easy operation by divers subsea
- ▶ Visible maximum stroke indicator to warn operator against piston over extension
- ▶ Safety over stroke device to protect operator from injury
- ▶ Self-energizing seals for improved performance and longevity of use at high pressure
- ▶ Dual quick connect inlet and outlet couplings for easy multiple tensioner connection
- ▶ Designed to fit most sizes of ANSI and API flanges and some Compact flanges
- ▶ Interchangeable quick fit pullers, to cover multiple bolt sizes, for each STU model, are available as accessories for even greater versatility (see table below)
- ▶ Customized and special design tensioners are available on request



Model number	Quick Fit Pullers	Bolt thread size	Capacity tons	Capacity kN	Effective area (in ²)	Stroke (in)	Weight (lbs)	Tommy bar	Dimensions (in)					
									A	B	C	D	E	F
STU1-24	QFP1-24	M24x3	28.8	256	2.65	0.79	7.5	TTB06	3.23	0.87	4.69	4.69	5.52	2.4
STU1-27	QFP1-27	M27x3	28.8	256	4.45	1.18	13.2	TTB06	3.23	0.87	4.69	4.69	5.52	2.52
STU2-30	QFP2-30	M30x3.5	48.4	430	4.45	1.18	13.2	TTB08	4.02	1.18	5.52	5.52	6.46	2.88
STU2-33	QFP2-33	M33x3.5	48.4	430	4.45	1.18	13.2	TTB08	4.02	1.18	5.52	5.52	6.46	2.96
STU2-36	QFP2-36	M36x4	48.4	430	5.72	1.18	16.5	TTB10	4.02	1.18	5.52	5.52	6.46	3.07
STU3-39	QFP3-39	M39x4	62.2	553	5.72	1.18	16.5	TTB10	4.49	1.38	5.59	5.59	6.66	3.23
STU3-42	QFP3-42	M42x4.5	62.2	553	7.82	1.18	21.6	TTB10	4.49	1.38	5.59	5.59	6.66	3.35
STU4-45	QFP4-45	M45x4.5	85	756	7.82	1.18	21.6	TTB10	5.04	1.62	5.95	5.95	7.13	3.7
STU4-48	QFP4-48	M48x5	85	756	12.07	1.18	32.0	TTB12	5.04	1.62	5.95	5.95	7.13	3.86
STU5-52	QFP5-52	M52x5	131.3	1168	12.07	1.18	32.0	TTB12	5.91	1.89	6.46	6.46	7.96	4.41
STU5-56	QFP5-56	M56x5.5	131.3	1168	17.04	1.18	50.3	TTB14	5.91	1.89	6.46	6.46	7.96	4.57
STU6-60	QFP6-60	M60x5.5	185.3	1649	17.04	1.18	50.3	TTB14	6.93	2.36	7.21	7.21	9.1	5.36
STU6-64	QFP6-64	M64x6	185.3	1649	17.04	1.18	50.3	TTB16	6.93	2.36	7.21	7.21	9.1	5.36
STU6-68	QFP6-68	M68x6	185.3	1649	17.04	1.18	50.3	TTB16	6.93	2.36	7.21	7.21	9.1	5.36
STU6-72	QFP6-72	M72x6	185.3	1649	25.66	1.18	78.5	TTB16	6.93	2.36	7.21	7.21	9.1	5.56
STU7-76	QFP7-76	M76x6	279	2483	25.66	1.18	78.5	TTB16	8.47	3.51	8.47	8.47	10.24	6.46
STU7-80	QFP7-80	M80x6	279	2483	25.66	1.18	78.5	TTB16	8.47	3.51	8.47	8.47	10.24	6.46
STU7-85	QFP7-85	M85x6	279	2483	25.66	1.18	78.5	TTB16	8.47	3.51	8.47	8.47	10.24	6.9
STU7-90	QFP7-90	M90x6	279	2483	165.56	30	35.6	TTB16	8.47	3.51	8.47	8.47	10.24	6.9

Note: Tommy bars are not included. Hi-Force recommends one tommy bar for every four tensioners. Please note that the tommy bar listed will fit related quick fit puller; a different size may be required for the drilled hexagon nut.