

**STU | SUB-SEA BOLT TENSIONERS - IMPERIAL**

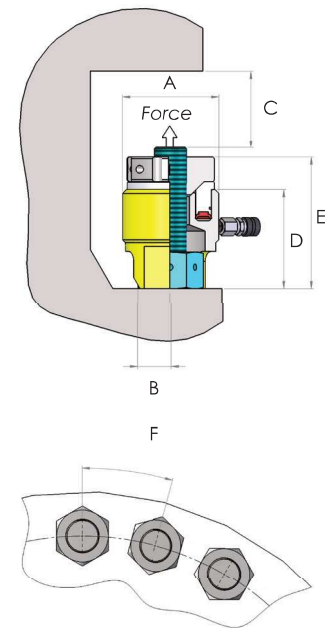


Capacities from 256 to 2483 kN

Bolt sizes from 1" to 3 1/2" diameter

Maximum working pressure 1500 bar

- ▶ 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 subsea
- ▶ 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-energising 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 secondary bolt size, for each STU model, are available as accessories for even greater versatility (see table below)



*Note: Dimension F is for guidance on ANSI flange applications only*

Model number	Quick Fit Pullers	Bolt thread size	Capacity		Effective area (cm <sup>2</sup> )	Stroke (mm)	Weight (kg)	Tommy bar	Dimensions (mm)					
			kN	tonnes					A	B	C	D	E	F
STU1-100	QFP1-100	1"-8 UN	256	26.1	17.1	20	3.4	TTB06	82	22	119	119	140	61
STU1-112	QFP1-112	1 1/8"-8 UN	256	26.1	17.1	20	3.4	TTB06	82	22	119	119	140	64
STU2-125	QFP2-125	1 1/4"-8 UN	430	43.9	28.7	30	6.0	TTB08	102	30	140	140	164	73
STU2-137	QFP2-137	1 3/8"-8 UN	430	43.9	28.7	30	6.0	TTB08	102	30	140	140	164	75
STU3-150	QFP3-150	1 1/2"-8 UN	553	56.4	36.9	30	7.5	TTB10	114	35	142	142	169	82
STU3-162	QFP3-162	1 5/8"-8 UN	553	56.4	36.9	30	7.5	TTB10	114	35	142	142	169	85
STU4-175	QFP4-175	1 3/4"-8 UN	756	77.1	50.4	30	9.8	TTB10	128	41	151	151	181	94
STU4-187	QFP4-187	1 7/8"-8 UN	756	77.1	50.4	30	9.8	TTB10	128	41	151	151	181	98
STU5-200	QFP5-200	2"-8 UN	1168	119.1	77.9	30	14.5	TTB12	150	48	164	164	202	112
STU5-225	QFP5-225	2 1/4"-8 UN	1168	119.1	77.9	30	14.5	TTB12	150	48	164	164	202	116
STU6-250	QFP6-250	2 1/2"-8 UN	1649	168.1	109.9	30	22.8	TTB14	176	60	183	183	231	136
STU6-275	QFP6-275	2 3/4"-8 UN	1649	168.1	109.9	30	22.8	TTB14	176	60	183	183	231	141
STU7-300	QFP7-300	3"-8 UN	2483	253.2	165.6	30	35.6	TTB16	215	89	215	215	260	162
STU7-325	QFP7-325	3 1/4"-8 UN	2483	253.2	165.6	30	35.6	TTB16	215	89	215	215	260	173
STU7-350	QFP7-350	3 1/2"-8 UN	2483	253.2	165.6	30	35.6	TTB16	215	89	215	215	260	175

*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.*