

STU | SUB-SEA BOLT TENSIONERS - METRIC

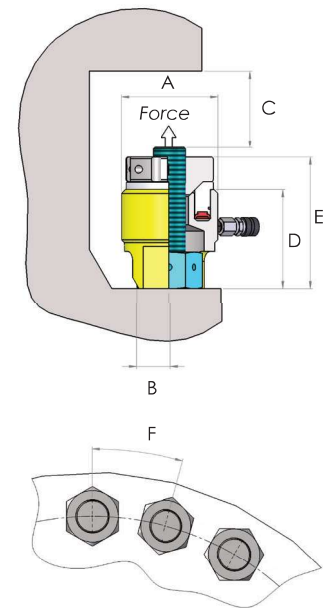


- ▶ Single acting design with manual piston retraction
- ▶ Manufactured from high grade alloy steel with added corrosion protection
- ▶ Extra-long piston stroke on all models, to save valuable diver time subsea
- ▶ Simple two piece design for easy operation by divers subsea
- ▶ Visible maximum stroke 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 multiple bolt sizes, for each STU model, are available as accessories for even greater versatility (see table below)

Capacities from 256 to 2483 kN

Bolt sizes from M24 to M90 diameter

Maximum working pressure 1500 bar



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

Model number	Quick Fit Pullers	Bolt thread size	Capacity kN	tonnes	Effective area (cm ²)	Stroke (mm)	Weight (kg)	Tommy bar
STU1-24	QFP1-24	M24x3	256	26.1	17.1	20	3.4	TTB06
STU1-27	QFP1-27	M27x3	256	26.1	17.1	20	3.4	TTB06
STU2-30	QFP2-30	M30x3.5	430	43.9	28.7	30	6.0	TTB08
STU2-33	QFP2-33	M33x3.5	430	43.9	28.7	30	6.0	TTB08
STU2-36	QFP2-36	M36x4	430	43.9	28.7	30	6.0	TTB10
STU3-39	QFP3-39	M39x4	553	56.4	36.9	30	7.5	TTB10
STU3-42	QFP3-42	M42x4.5	553	56.4	36.9	30	7.5	TTB10
STU4-45	QFP4-45	M45x4.5	756	77.1	50.4	30	9.8	TTB10
STU4-48	QFP4-48	M48x5	756	77.1	50.4	30	9.8	TTB12
STU5-52	QFP5-52	M52x5	1168	119.1	77.9	30	14.5	TTB12
STU5-56	QFP5-56	M56x5.5	1168	119.1	77.9	30	14.5	TTB14
STU6-60	QFP6-60	M60x5.5	1649	168.1	109.9	30	22.8	TTB14
STU6-64	QFP6-64	M64x6	1649	168.1	109.9	30	22.8	TTB16
STU6-68	QFP6-68	M68x6	1649	168.1	109.9	30	22.8	TTB16
STU6-72	QFP6-72	M72x6	1649	168.1	109.9	30	22.8	TTB16
STU7-76	QFP7-76	M76x6	2483	253.2	165.6	30	35.6	TTB16
STU7-80	QFP7-80	M80x6	2483	253.2	165.6	30	35.6	TTB16
STU7-85	QFP7-85	M85x6	2483	253.2	165.6	30	35.6	TTB16
STU7-90	QFP7-90	M90x6	2483	253.2	165.6	30	35.6	TTB16

Dimensions (mm)					
A	B	C	D	E	F
82	22	119	119	140	61
82	22	119	119	140	64
102	30	140	140	164	73
102	30	140	140	164	75
102	30	140	140	164	78
114	35	142	142	169	82
114	35	142	142	169	85
128	41	151	151	181	94
128	41	151	151	181	98
150	48	164	164	202	112
150	48	164	164	202	116
176	60	183	183	231	136
176	60	183	183	231	136
176	60	183	183	231	136
176	60	183	183	231	141
215	89	215	215	260	164
215	89	215	215	260	164
215	89	215	215	260	175
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.