

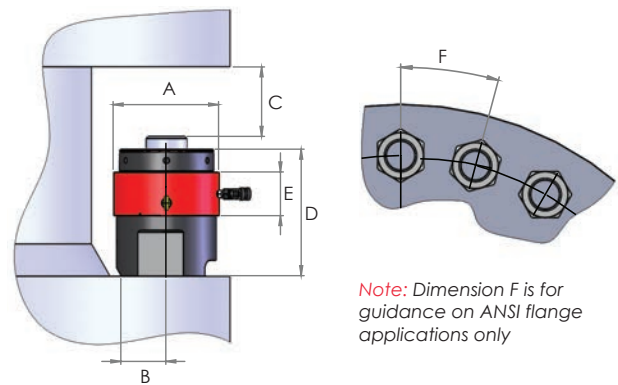
SBT | SPRING RETURN BOLT TENSIONERS - METRIC


Capacities from 51.4 to 297.6 tons

Bolt sizes from M30 to M100 diameter

Maximum working pressure 21750 psi

- ▶ Single acting design with spring assisted piston retraction
- ▶ High grade alloy steel construction with nitrocarburized, corrosion resistant, piston
- ▶ Maximum stroke indicator to warn against piston over extension
- ▶ Safety over stroke device to protect operator from injury
- ▶ Self-energizing seals for improved performance and longevity 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 accessories to cover multiple stud bolt sizes using same tensioner
- ▶ Non-standard size threaded pullers available to order on short delivery lead time
- ▶ Customized and special design tensioners are available on request



Model number	Bolt thread size	Thread pitch	Capacity		Effective area (in²)	Stroke (in)	Weight (lbs)	Dimensions (in)					
			tons	kN				A	B	C (min)	D	E	F
SBT2-M30B1	M30	3.5	51.4	457	4.73	0.59	8.8	4.02	1.54	5.2	6.46	3.59	2.8
SBT2-M33B1	M33	3.5	51.4	457	4.73	0.59	8.8	4.02	1.54	5	6.46	3.59	2.92
SBT2-M36B1	M36	4	51.4	457	4.73	0.59	8.8	4.02	1.54	4.85	6.46	3.59	3.03
SBT2-M39B1	M39	4	51.4	457	4.73	0.59	8.8	4.02	1.54	4.85	6.46	3.59	3.15
SBT3-M42B1	M42	4.5	92.4	822	8.49	0.59	14.8	5.4	1.85	5.71	7.41	3.7	3.59
SBT3-M45B1	M45	4.5	92.4	822	8.49	0.59	14.8	5.4	1.85	5.59	7.41	3.7	4.14
SBT3-M45B2	M45	4.5	92.4	822	8.49	0.59	14.8	5.4	1.85	5.79	7.6	3.7	3.82
SBT3-M48B1	M48	5	92.4	822	8.49	0.59	14.8	5.4	1.85	5.48	7.41	3.7	4.14
SBT3-M48B2	M48	5	92.4	822	8.49	0.59	14.8	5.4	1.85	5.67	7.6	3.7	4.14
SBT3-M52B2	M52	5	92.4	822	8.49	0.59	14.8	5.4	1.85	5.52	7.6	3.7	3.82
SBT4-M48B1	M48	5	142.1	1264	13.07	0.59	24.3	6.58	1.97	5.91	7.76	3.82	4.14
SBT4-M52B1	M52	5	142.1	1264	13.07	0.59	24.3	6.58	1.97	5.71	7.76	3.82	4.26
SBT4-M52B2	M52	5	142.1	1264	13.07	0.59	24.3	6.58	2.44	6.3	8.39	3.82	4.73
SBT4-M56B2	M56	5.5	142.1	1264	13.07	0.59	24.3	6.58	2.44	6.11	8.39	3.82	4.73
SBT4-M60B2	M60	5.5	142.1	1264	13.07	0.59	24.3	6.58	2.44	5.91	8.39	3.82	4.89
SBT4-M64B2	M64	6	142.1	1264	13.07	0.59	24.3	6.58	2.44	5.71	8.39	3.82	4.96
SBT5-M64B1	M64	6	206	1833	18.94	0.59	36.4	8.23	2.88	6.46	9.02	4.02	5.28
SBT5-M68B1	M68	6	206	1833	18.94	0.59	36.4	8.23	2.88	6.26	9.02	4.02	5.36
SBT5-M72B1	M72	6	206	1833	18.94	0.59	36.4	8.23	2.88	6.15	9.02	4.02	5.48
SBT5-M76B1	M76	6	206	1833	18.94	0.59	36.4	8.23	2.88	5.87	9.02	4.02	5.59
SBT6-M76B1	M76	6	297.6	2649	27.37	0.59	52.9	9.69	3.31	6.93	10.01	4.06	6.23
SBT6-M80B1	M80	6	297.6	2649	27.37	0.59	52.9	9.69	3.31	6.78	10.01	4.06	6.3
SBT6-M85B1	M85	6	297.6	2649	27.37	0.59	52.9	9.69	3.31	6.66	10.01	4.06	6.38
SBT6-M90B1	M90	6	297.6	2649	27.37	0.59	52.9	9.69	3.31	6.38	10.01	4.06	6.7
SBT6-M95B3	M95	6	297.6	2649	27.37	0.59	65.3	9.69	3.78	7.64	11.62	4.06	7.25
SBT6-M100B3	M100	6	297.6	2649	27.37	0.59	65.3	9.69	3.78	7.45	11.62	4.06	7.49

Note: Weight is for load cell and bridge only. Total weight of complete assembly depends on size of puller and nut rotating socket selected. Tommy bars are not included. Hi-Force recommends one tommy bar for every four tensioners.