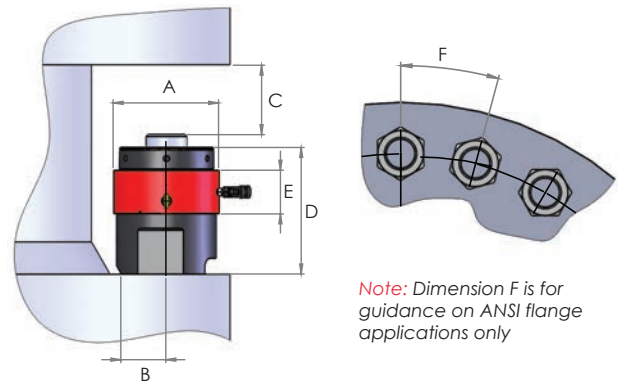


SBT | SPRING RETURN BOLT TENSIONERS - IMPERIAL

Capacities from 51.4 to 297.6 tons
Bolt sizes from 1 1/4" to 4" 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	Threads per inch	Capacity tons	Capacity kN	Effective area (in ²)	Stroke (in)	Weight (lbs)	Dimensions (in)					
								A	B	C (min)	D	E	F
SBT2-125B1	1 1/4"	8	51.4	457	4.73	0.59	8.8	4.02	1.54	5	6.46	3.59	2.92
SBT2-137B1	1 3/8"	8	51.4	457	4.73	0.59	8.8	4.02	1.54	5	6.46	3.59	3.03
SBT2-150B1	1 1/2"	8	51.4	457	4.73	0.59	8.8	4.02	1.54	4.85	6.46	3.59	3.15
SBT3-162B1	1 5/8"	8	92.4	822	8.49	0.59	14.8	5.4	1.85	5.75	7.41	3.7	3.62
SBT3-175B1	1 3/4"	8	92.4	822	8.49	0.59	14.8	5.4	1.85	5.63	7.41	3.7	3.66
SBT3-175B2	1 3/4"	8	92.4	822	8.49	0.59	15.9	5.4	1.97	5.83	7.6	3.7	3.7
SBT3-187B1	1 7/8"	8	92.4	822	8.49	0.59	14.8	5.4	1.85	5.48	7.41	3.7	3.82
SBT3-187B2	1 7/8"	8	92.4	822	8.49	0.59	15.9	5.4	1.97	5.67	7.6	3.7	4.1
SBT3-200B2	2"	8	92.4	822	8.49	0.59	15.9	5.4	1.97	5.56	7.6	3.7	4.1
SBT4-187B1	1 7/8"	8	142.1	1264	13.07	0.59	24.3	6.58	1.97	5.79	7.76	3.82	4.1
SBT4-200B1	2"	8	142.1	1264	13.07	0.59	24.3	6.58	1.97	5.63	7.76	3.82	4.1
SBT4-200B2	2"	8	142.1	1264	13.07	0.59	26.9	6.58	2.44	6.11	8.39	3.82	4.18
SBT4-225B2	2 1/4"	8	142.1	1264	13.07	0.59	26.9	6.58	2.44	5.91	8.39	3.82	4.77
SBT4-250B2	2 1/2"	8	142.1	1264	13.07	0.59	26.9	6.58	2.44	5.71	8.39	3.82	5
SBT5-250B1	2 1/2"	8	206	1833	18.94	0.59	36.4	8.23	2.88	6.38	9.02	4.02	5.28
SBT5-275B1	2 3/4"	8	206	1833	18.94	0.59	36.4	8.23	2.88	6.15	9.02	4.02	5.52
SBT5-300B1	3"	8	206	1833	18.94	0.59	36.4	8.23	2.88	5.87	9.02	4.02	5.79
SBT6-300B1	3"	8	297.6	2649	27.37	0.59	52.9	9.69	3.31	6.86	10.01	4.06	6.34
SBT6-325B1	3 1/4"	8	297.6	2649	27.37	0.59	52.9	9.69	3.31	6.66	10.01	4.06	6.58
SBT6-350B1	3 1/2"	8	297.6	2649	27.37	0.59	52.9	9.69	3.31	6.38	10.01	4.06	6.78
SBT6-375B3	3 3/4"	8	297.6	2649	27.37	0.59	65.3	9.69	4.14	7.64	11.62	4.06	7.53
SBT6-400B3	4"	8	297.6	2649	27.37	0.59	65.3	9.69	4.14	7.45	11.62	4.06	7.72

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.