

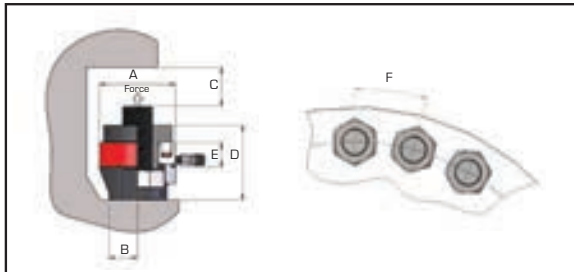
## STS - TOPSIDE BOLT TENSIONERS - METRIC RANGE



Bolt sizes from M16 to M100

Modular design for optimum versatility

Dual quick couplings for easy connection



Model number	Bolt thread size	Thread pitch	Capacity tons	Capacity kN	Effective area inch <sup>2</sup>	Stroke inch	Weight lbs
STS1-M16B1	M16	2	26	234	2.42	0.39	3.7
STS1-M18B1	M18	2.5	26	234	2.42	0.39	3.7
STS1-M20B1	M20	2.5	26	234	2.42	0.39	3.7
STS1-M22B2	M22	2.5	26	234	2.42	0.39	3.7
STS1-M24B2	M24	3	26	234	2.42	0.39	3.7
STS1-M27B2	M27	3	26	234	2.42	0.39	3.7
STS2-M30B1	M30	3.5	51	457	4.73	0.59	7.7
STS2-M33B1	M33	3.5	51	457	4.73	0.59	7.7
STS2-M36B1	M36	4	51	457	4.73	0.59	7.7
STS2-M39B1	M39	4	51	457	4.73	0.59	7.7
STS3-M42B1	M42	4.5	92	822	8.49	0.59	13.4
STS3-M45B1	M45	4.5	92	822	8.49	0.59	13.4
STS3-M45B2	M45	4.5	92	822	8.49	0.59	13.4
STS3-M48B1	M48	5	92	822	8.49	0.59	13.4
STS3-M48B2	M48	5	92	822	8.49	0.59	13.4
STS3-M52B2	M52	5	92	822	8.49	0.59	13.4
STS4-M48B1	M48	5	142	1264	13.07	0.59	23.4
STS4-M52B1	M52	5	142	1264	13.07	0.59	23.4
STS4-M52B2	M52	5	142	1264	13.07	0.59	23.4
STS4-M56B2	M56	5.5	142	1264	13.07	0.59	23.4
STS4-M60B2	M60	5.5	142	1264	13.07	0.59	23.4
STS4-M64B2	M64	6	142	1264	13.07	0.59	23.4
STS5-M64B1	M64	6	206	1833	18.94	0.59	35.3
STS5-M68B1	M68	6	206	1833	18.94	0.59	35.3
STS5-M72B1	M72	6	206	1833	18.94	0.59	35.3
STS5-M76B1	M76	6	206	1833	18.94	0.59	35.3
STS6-M76B1	M76	6	298	2649	27.37	0.59	51.8
STS6-M80B1	M80	6	298	2649	27.37	0.59	51.8
STS6-M85B1	M85	6	298	2649	27.37	0.59	51.8
STS6-M90B1	M90	6	298	2649	27.37	0.59	51.8
STS6-M95B3	M95	6	298	2649	27.37	0.59	51.8
STS6-M100B3	M100	6	298	2649	27.37	0.59	51.8

Dimensions in inches					
A	B	C	D	E	F
2.92	1.10	2.92	3.55	1.77	1.85
2.92	1.10	2.92	3.55	1.77	1.93
2.92	1.10	2.92	3.55	1.77	2.01
2.92	1.18	3.15	3.86	1.77	2.21
2.92	1.18	3.15	3.86	1.77	2.32
2.92	1.18	3.15	3.86	1.77	2.40
4.02	1.54	4.06	5.04	2.13	2.80
4.02	1.54	4.06	5.04	2.13	2.92
4.02	1.54	4.06	5.04	2.13	3.03
4.02	1.54	4.06	5.04	2.13	3.15
5.24	1.85	4.53	5.91	2.21	3.59
5.24	1.85	4.53	5.91	2.21	3.70
5.24	1.85	4.53	5.91	2.21	3.82
5.24	1.97	4.61	6.11	2.21	4.14
5.24	1.97	4.61	6.11	2.21	4.14
6.42	1.97	4.69	5.87	2.25	4.14
6.42	1.97	4.69	5.87	2.25	4.26
6.42	2.44	5.32	6.50	2.25	4.73
6.42	2.44	5.32	6.50	2.25	4.73
6.42	2.44	5.32	6.50	2.25	4.89
6.42	2.44	5.32	6.50	2.25	4.96
7.60	2.88	5.71	7.37	2.36	5.28
7.60	2.88	5.71	7.37	2.36	5.36
7.60	2.88	5.71	7.37	2.36	5.48
7.60	2.88	5.71	7.37	2.36	5.59
9.18	3.31	7.01	8.51	2.52	6.23
9.18	3.31	7.01	8.51	2.52	6.30
9.18	3.31	7.01	8.51	2.52	6.38
9.18	3.31	7.01	8.51	2.52	6.70
9.18	4.14	8.08	10.13	2.52	7.25
9.18	4.14	8.08	10.13	2.52	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, please see page 95, column B for ordering code.