

Maximum Tool Load: **3,200KN**

Stud Bolt Range: **3/4" To 4"**

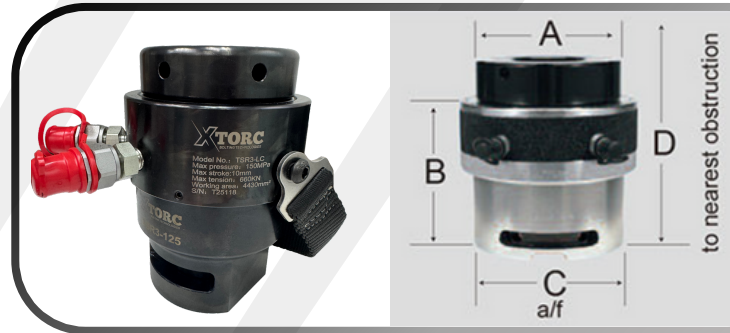
Max Working Pressure: **21,750 PSI**

TSR SERIES

Our Topside spring return tensioners are packed with features to assist in making your tensioning operations as quick and easy as possible.

Designed with piston over stroke indication, built in nut rotating sockets and easily interchangeable bridge sections.

Powerful and robust, the TSR range delivers performance when it matters the most!



Model	Stud Dia (imp)	Tool Load (KN)	Hydraulic Area (mm2)	Dimension A (MM)	Dimension B (MM)	Dimension C A/F (MM)	Dimension D (MM)
TSR0	3/4" 7/8"	160	1067	66	93	63	136 142
TSR1	1" 1.1/8"	280	1867	87	117 120	68 72	175 181
TSR2	1" 1.1/8" 1.1/4" 1.3/8"	450	3001	103	117 120 123 126	75 80 84 89	175 181 188 195
TSR3	1.1/4" 1.3/8" 1.1/2" 1.5/8"	660	4401	118	123 126 130 133	88 96 96 105	190 197 203 209
TSR4	1.1/2" 1.5/8" 1.3/4" 1.7/8" 2"	1000	6668	140.5	132 135 139 142 145	112 114 118 114 120	211 217 223 230 236
TSR5	2" 2.1/4" 2.1/2" 2.3/4"	1500	10003	175.5	148 154 161 167	120 138 153 156	246 259 272 284
TSR6	2.3/4" 3" 3.1/4" 3.1/2"	2500	16671	219	167 171 180 186	167 171 180 186	294 307 320 332
TSR7	3.1/2" 3.3/4" 4"	3200	21339	252	186 192 199	186 192 199	339 352 363