

## TSR (Spring Return) Bolt Tensioners

Tool No	Bolt Diam. (inch)	Oversized Bolt Diam. Available	Max Load (kN)	Stroke (mm)	Tool Outside Diam. (mm)	Nearest Obstruction (mm)	Weight approx. (kg)	Max. Working Pressure (bar)
TSR3	1-1/2"	Y	660 kN	10	118	204	5.4	1500
	1-5/8"	Y				211		
TSR4	1-3/4"		1,000 kN		141	225	8.4	
	1-7/8"	Y				231		
	2"	Y				231		
TSR5	2-1/2"	Y	1,500 kN		176	262	13.8	
TSR6	3"		2,500 kN		219	308	23	
	3-1/2"	Y				323		

