

bolt tensioner.



TSS BOLT TENSIONER Quick Reaction SubSea Tensioner

- Visible piston stroke indication
- Piston / cylinder misalignment compensation
- Anti-slip cylinder surface for improved handling
- Low friction seals
- Anti-corrosion coating
- Bolt coverage from 3/4" to 3 1/2"
- Designed to fit BS1560 / ANSI B16.5 / API flanges, as well as most compact flange designs

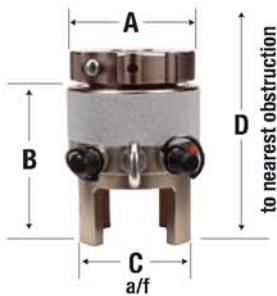


QUICK REACTION SUBSEA BOLT TENSIONER

Our Subsea bolt tensioner incorporating the quick reaction nut feature reduces diver fatigue, improving diver safety and productivity.



Specifications and Dimensional Data



- Piston stroke - 30mm (Except TSS1 - 20mm)
- Max tool pressure - 21,750psi (1,500 bar)
- 'D' includes an allowance for tool removal after bolt tightening with 30mm tool stroke
- Product development is constantly taking place and dimensions may change without notice

Tool Ref	Bolt Diameter				Tool Load Ton (Short) KN	Hydraulic Area	'A' mm	'B' mm	'C' A/F mm	Minimum Bolt Protrusion (Above Nut)		'D' mm
	Imperial	Quick Reaction Nut Number	Metric	Quick Reaction Nut Number						Imp bolts	Met bolts	
TSS 1	3/4"	TSS1N750	M20	TSS1N020	15.7 140	1.45 934	66	97	48	104	107	228
	7/8"	TSS1N875	M22	TSS1N022						101	105	
TSS 2	1"	TSS2N100	M24	TSS2N024	27 240	2.48 1600	82	127.5	60	133	139	296
	1-1/8"	TSS2N113	M27	TSS2N027						130	136	
			M30	TSS2N030							134	
TSS 3	1-1/4"	TSS3N125	M33	TSS3N033	43 380	3.93 2534	97	137	77	136	142	309
	1-3/8"	TSS3N138	M36	TSS3N036						133	139	
TSS 4	1-1/2"	TSS4N150	M39	TSS4N039	62 550	5.69 3668	111	146	90	140	147	322
	1-5/8"	TSS4N163	M42	TSS4N042						136	144	
TSS 5	1-3/4"	TSS4N042	M45	TSS5N045	99 880	9.10 5868	136	158	114	151	160	342
	1-7/8"	TSS5N188	M48	TSS5N048						148	158	
	2"	TSS5N200	M52	TSS5N052						145	154	
TSS 6	2-1/4"	TSS6N225	M56	TSS6N056	175 1560	16.14 10411	177	180.5	140	166	178	374
	2-1/2"	TSS6N250	M60	TSS6N060						160	175	
	2-3/4"	TSS6N275	M64	TSS6N064						154	172	
				M68						TSS6N068		
TSS 7	3"	TSS7N300	M76	TSS7N076	289 2575	26.63 17176	217	202	180	181	195	409
		TSS7N325	M80	TSS7N080						175	192	
		TSS7N350	M85	TSS7N085						169	188	
			M90	TSS7N090							184	



GRUPO PEGAMO DESDE 1982



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Te asesoramos para que encuentres la mejor solución a las necesidades de tu empresa.

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