



FEATURES

Quick Reaction Nut
 Piston misalignment compensation
 Fits standard ANSI and API flanges.

TECHNICAL DATA

Piston Stroke	SS1	0.79" (20mm)
	SS2 to SS7	1.2" (30mm)
Maximum Operating Pressure	21750 psi (1500 bar)	

TOOL REF.	BOLT DIAMETER		TOOL LOAD		TOOL HYD. AREA		A Dia	B (in.)	C a/f (in.)	MINIMUM BOLT PROTRUSION (Above Nut)		D (in.)
	Imperial	Metric	Tonf.	kN	in ²	mm ²				Imp (in)	Met (mm)	
SS1	3/4"	M20	14.05	140	1.45	934	2.60	3.82	1.89	4.09	107	8.98
	7/8"	M22								3.98	105	
SS2	1"	M24	24.09	240	2.48	1600	3.23	5.02	2.36	5.24	139	11.65
	1-1/8"	M27								5.12	136	
		M30								5.12	134	
SS3	1-1/4"	M33	38.14	380	3.93	2534	3.82	5.39	3.03	5.35	142	12.17
	1-3/8"	M36								5.24	139	
SS4	1-1/2"	M39	55.20	550	5.69	3668	4.37	5.75	3.54	5.51	147	12.68
	1-5/8"	M42								5.35	144	
SS5	1-3/4"	M45	88.32	880	9.10	5868	5.35	6.22	4.49	5.94	160	13.46
	1-7/8"	M48								5.83	158	
		2"								M52	5.71	
SS6	2-1/4"	M56	156.56	1561	16.14	10411	6.97	7.11	5.51	6.54	178	14.72
	2-1/2"	M60								6.30	175	
	2-3/4"	M64								6.06	172	
		M68								6.06	169	
SS7	3"	M76	258.43	2575	26.63	17176	8.54	7.95	7.09	6.65	165	16.10
	3-1/4"	M80								7.13	192	
	3-1/2"	M85								6.89	188	
		M85								6.89	188	
		M90								6.65	184	

Dimensions and data subject to change without notice. Dimensions 'D' includes an allowance for tool removal after bolt tightening with full stroke (piston extended)