

HYDRAULIC BOLT TENSIONING

Xtra Load Range Hydraulic Bolt Tensioning Tools

The new Boltight Xtra load range of 1500 bar tools has been developed to suit all common size flanges; including ANSI, API and Norsok L005 Compact Flanges.

The Xtra range offers high quality tooling to give safe and reliable operation.

30% more load than typical standard ranges, combined with a large usable piston stroke provides users with versatility, and fast, accurate operation.

The tools are fitted with a range of features including misalignment compensation device, over stroke safety and maximum stroke indicators. Spring piston return and gear drive nut rotation are available as an option.

Overview

- High load
- Lightweight design
- Large stroke
- 1500 bar maximum pressure
- Fast delivery
- Low maintenance design
- Maximum stroke indicator
- Safe over stroke mechanism
- Optional spring return
- Optional swivel connectors
- Optional twin port connection
- Optional gear drive nut rotation
- Optional square drive tool run down adaptor
- Oversize threads available to suit galvanised bolting
- Complementary pumps and hoses available
- All equipment supplied with pressure test certification
- All equipment CE marked
- All tools supplied with detailed operating, maintenance and safety manuals
- 24 hour technical support
- Special designs available



BOLTIGHT®
HYDRAULIC BOLT TENSIONING

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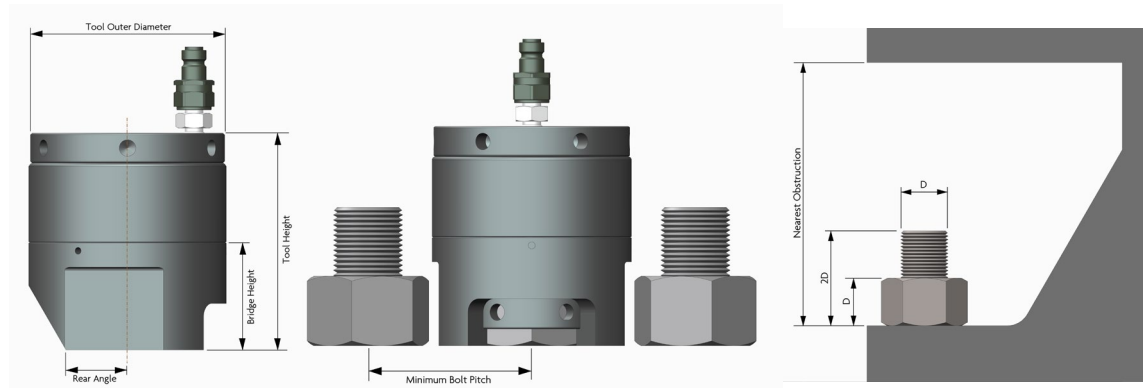
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Tool No.	Bolt Diameter		Hydraulic Area mm ²	Max Load		Tool Ø mm	Tool Height mm	Bridge Height mm	Rear Angle mm	Minimum Bolt Pitch mm	Nearest Obstruction mm	Tool Weight	
	inch	mm		kN	klbf							kg	lbs
C1	3/4	M20	891	134	30.1	56	85	40	14.8	48.4	158	1.3	2.9
C2	7/8	M22	1268	190	42.7	63.5	92	45	18	52.2	167	1.8	4.0
C3	1	M24	1628	244	54.9	72	99	46	24	58.6	180	2.5	5.5
C4	1-1/8	M27 M30	2154	323	72.6	83	105	50	25	62.9	191	3.4	7.5
C5	1-1/4	M33	2747	412	92.6	92	109	53	27	70.2	199	4.3	9.5
C6	1-3/8	M36	3419	512	115.3	101	114	55	31	77.2	207	5.3	11.6
C7	1-1/2	M39	4153	623	140	111	127	62	36	81	222	6	19.8
C8	1-5/8	M42	4966	745	167.5	119	131	65	37	98.4	229	8.2	18
C9	1-3/4	M45	5901	878	199	129	139	69	39	94.3	242	10.4	23
C10	1-7/8	M48	6817	1022	229.8	138	143	69	42.5	100.3	247	12.2	26.8
C11	2	M52	7856	1178	264.8	147	152	74	44	108.3	260	14.5	31.9
C12	2-1/4	M56 M60	10117	1519	341.5	167	164	79	50	120	282	20.1	44.2
C13	2-1/2	M64	12702	1904	428.2	187	181	90	55	132.8	300	26.5	58.2
C14	2-3/4	M68 M72	14084	2111	474.6	198	191	96	62	144.5	320	33	72.6
C15	3	M76	16912	2539	570.8	215	200	102	69	160.3	330	40	88
C16	3-1/4	M80 M85	20056	3006	676.9	236	219	110	69.5	170.3	362	48.3	106.3
C17	3-1/2	M90	23423	3512	789.5	250	224	115	79	185.9	370	61	134.2
C18	3-3/4	M95	27051	4058	912.2	267	246	125	80	195.3	394	69.8	153.6
C19	4	M100	30984	4648	1044.9	286	257	132	88	241.1	411	78.5	172.7

NOTES

- Maximum load is generated at the maximum operating pressure of 1500 bar.
- For hoses fittings and pumps request data sheets 601, 602 & 603.
- Unless specified, inch size tooling will be threaded UNC up to 1 inch and UN8 for 1-1/8 inch upwards.
- All tools are assembled, filled with oil, pressure tested and a test certificate issued prior to despatch.
- Each tool is marked with the maximum operating pressure, load and stroke. All tools are CE marked.
- Any number of tools can be connected together for simultaneous operation.
- Tools can be machined with other thread forms - specify when ordering.
- If using tools with swivel connectors then 13 mm can be deducted from the nearest obstruction height.
- Due to continuous product development dimensions may change without notice.



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