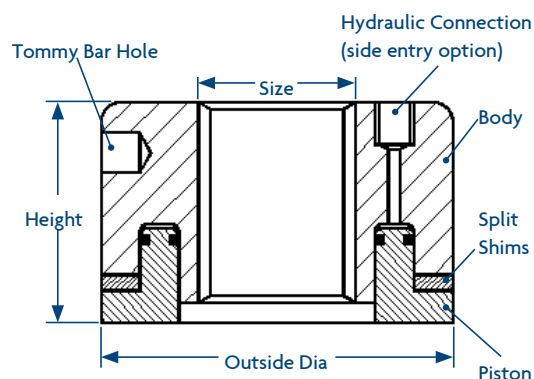


HYDRAULIC BOLT TENSIONING

Hydraulic Nuts - Shim Type



Part No	Bolt Diameter		Hydraulic Area		Load		Nut OD	Nut Height	Max Shim
	inch	metric	mm	in	kN	tons f	mm	mm	mm
BT-STN-04	1-1/4	M33	1,096	1.70	249	25.0	66	42	6
BT-STN-05	1-3/8	M36	1,349	2.09	307	30.8	72	42	6
BT-STN-06	1-1/2	M38	1,555	2.41	354	35.5	78.5	42	6
BT-STN-07	1-5/8	M42	1,885	2.92	429	43.0	86	42	6
BT-STN-08	1-3/4	M45	2,095	3.25	477	47.8	91	45	6
BT-STN-09	1-7/8	M48	2,475	3.84	563	56.5	98	48	9
BT-STN-10	2	M52	2,714	4.21	618	62.0	103	52	9
BT-STN-11	2-1/4	M56	2,575	3.99	586	58.8	107	56	9
BT-STN-12	2-1/2	M64	3,280	5.08	747	74.9	122	64	9
BT-STN-13	2-3/4	M68	3,986	6.18	907	91.0	134	68	9
BT-STN-14	3	M76	4,600	7.13	1,047	105.0	144	76	11
BT-STN-15	3-1/4	M80	5,527	8.57	1,258	126.2	158	80	11
BT-STN-16	3-1/2	M90	6,298	9.76	1,433	143.8	169	90	11
BT-STN-17	3-3/4	M95	7,295	11.31	1,660	166.6	180	95	11
BT-STN-18	4	M100	8,357	12.95	1,902	190.8	195	100	16
BT-STN-19	4-1/2	M115	10,436	16.18	2,375	238.3	216	115	16
BT-STN-20	5	M125	12,735	19.74	2,899	290.8	241	125	16
BT-STN-21	5-1/2	M140	15,601	24.18	3,551	356.3	266	140	16
BT-STN-22	6	M150	18,400	28.52	4,188	420.2	287	150	16

NOTES

- Maximum load is generated at the maximum operating pressure of 2275 bar.
- For hoses fittings and pumps request data sheets 701, 702, and 703.
- Sizes below M33 (1-1/4") and above M150 (6") are available.
- Nuts are made to order and can easily be designed to suit the application.
- Any number of nuts can be connected together for simultaneous operation.
- Any threadform can be machined - specify when ordering.
- One set of shims supplied with each nut - specify thickness when ordering.
- Nuts can be designed to match and develop the same load as customers existing nuts.
- Service temperature -20°C to +80°C.
- Due to continuous product development dimensions may change without notice.

Options available :-

- Plain Bore
- Hexagon instead of or in addition to tommy bar holes
- Side entry for hydraulics instead of, or in addition to top entry
- Single or multiple hydraulic connections
- Additional shims
- 3 mm shim gap and shims at zero load, to avoid need for paper thin shims.



BOLTIGHT
HYDRAULIC BOLT TENSIONING

BOLTIGHT is the UK
Registered Trade Mark
of Boltight Limited