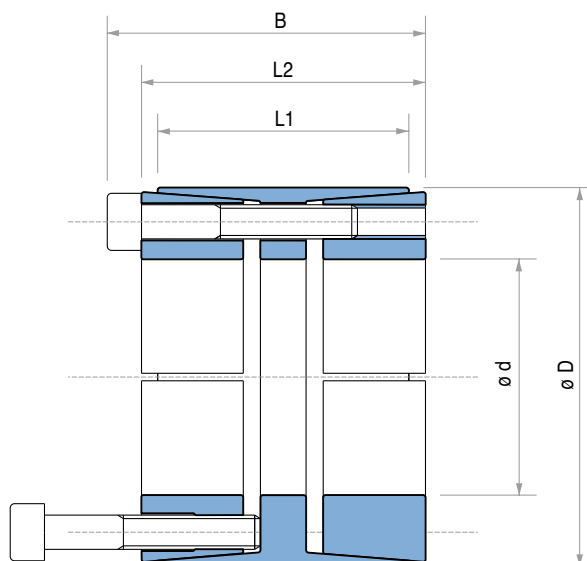


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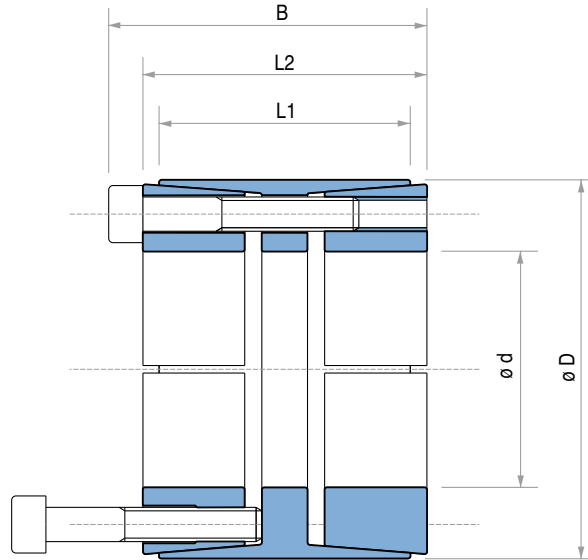


TLK 452 DIMENSIONS

Dimensions						Torque (max.)	Axial Thrust (max.)	Surface pressures on		Tightening screws		Weight (approx.)
d	d	D	L1	L2	B			Shaft	Hub	DIN 912	Tightening torque	
inch	inch	inch	inch	inch	inch	M _t Lb-ft	F _{ax} Lbf	p _s psi	p _h psi	12.9 n x type	M _s Lb-ft	Lb
1	1,0000	2,165	1,260	1,575	1,811	649	15603	43803	15172	6 x M6	13	1,0
1 1/8	1,1250	2,165	1,260	1,575	1,811	730	15603	38936	15172	6 x M6	13	1,0
1 3/16	1,1880	2,165	1,260	1,575	1,811	767	15603	36872	15172	6 x M6	13	0,9
1 1/4	1,2500	2,362	1,732	2,126	2,362	944	18204	28859	11800	7 x M6	13	1,5
1 3/8	1,3750	2,362	1,732	2,126	2,362	1040	18204	26235	11800	7 x M6	13	1,4
1 7/16	1,4380	2,362	1,732	2,126	2,362	1084	18204	25086	11800	7 x M6	13	1,3
1 1/2	1,5000	2,953	1,732	2,126	2,441	2102	33635	44435	17443	7 x M8	30	2,5
1 5/8	1,6250	2,953	1,732	2,126	2,441	2272	33635	41017	17443	7 x M8	30	2,3
1 11/16	1,6875	2,953	1,732	2,126	2,441	2360	33635	39498	17443	7 x M8	30	2,3
1 3/4	1,7500	2,953	1,732	2,126	2,441	2449	33635	38087	17443	7 x M8	30	2,2
1 7/8	1,8750	3,150	2,205	2,520	2,835	3002	38440	30028	14684	8 x M8	30	3,1
1 15/16	1,9380	3,150	2,205	2,520	2,835	3098	38440	29052	14684	8 x M8	30	3,0
2	2,0000	3,150	2,205	2,520	2,835	3201	38440	28151	14684	8 x M8	30	2,9
2 1/8	2,1250	3,346	2,205	2,520	2,835	3828	43245	29807	15548	9 x M8	30	3,3
2 3/16	2,1880	3,346	2,205	2,520	2,835	3939	43245	28949	15548	9 x M8	30	3,1
2 1/4	2,2500	3,543	2,205	2,520	2,835	4499	48050	31279	16315	10 x M8	30	3,7
2 3/8	2,3750	3,543	2,205	2,520	2,835	4750	48050	29633	16315	10 x M8	30	3,4
2 7/16	2,4380	3,740	2,205	2,520	2,835	4875	48050	28867	15457	10 x M8	30	3,9
2 1/2	2,5000	3,740	2,205	2,520	2,835	5001	48050	28151	15457	10 x M8	30	3,8
2 9/16	2,5630	3,740	2,205	2,520	2,835	5126	48050	27459	15457	10 x M8	30	3,6
2 5/8	2,6250	4,331	2,756	3,071	3,465	8342	76294	33763	16957	10 x M10	61	7,2
2 11/16	2,6880	4,331	2,756	3,071	3,465	8541	76294	32971	16957	10 x M10	61	7,0
2 3/4	2,7500	4,331	2,756	3,071	3,465	8740	76294	32228	16957	10 x M10	61	6,8
2 7/8	2,8750	4,331	2,756	3,071	3,465	9138	76294	30827	16957	10 x M10	61	6,4
2 15/16	2,9380	4,724	2,756	3,071	3,465	10267	83924	33182	17098	11 x M10	61	8,3
3	3,0000	4,724	2,756	3,071	3,465	10488	83924	32497	17098	11 x M10	61	8,1
3 1/8	3,1250	4,724	2,756	3,071	3,465	10923	83924	31197	17098	11 x M10	61	7,7
3 1/4	3,2500	4,724	2,756	3,071	3,465	11358	83924	29997	17098	11 x M10	61	7,2
3 3/8	3,3750	5,118	2,756	3,071	3,465	12870	91553	31512	17217	12 x M10	61	9,0
3 7/16	3,4380	5,118	2,756	3,071	3,465	13114	91553	30934	17217	12 x M10	61	8,8
3 1/2	3,5000	5,118	2,756	3,071	3,465	13350	91553	30386	17217	12 x M10	61	8,5
3 5/8	3,6250	5,118	2,756	3,071	3,465	13822	91553	29339	17217	12 x M10	61	8,0
3 3/4	3,7500	5,709	3,543	3,937	4,409	19088	122191	31363	16024	11 x M12	107	15
3 7/8	3,8750	5,709	3,543	3,937	4,409	19693	122191	30351	16024	11 x M12	107	14
3 15/16	3,9380	5,709	3,543	3,937	4,409	19988	122191	29865	16024	11 x M12	107	13

For larger diameter or inch series please contact us.

NOTE: it is possible to reduce the screws tightening torque down to 60% of the values indicated in above table; as a result M_t, F_{ass}, P_w, P_n are reduced proportionally.



TLK 452 DIMENSIONS

Dimensions						Torque (max.)	Axial Thrust (max.)	Surface pressures on		Tightening screws		Weight (approx.)
d	d	D	L1	L2	B	M _t	F _{ax}	Shaft	Hub	DIN 912	Tightening torque	
inch	inch	inch	inch	inch	inch	Lb-ft	Lbf	p _s psi	p _h psi	12.9 n x type	M _s Lb-ft	Lb
4	4,0000	5,709	3,543	3,937	4,409	20357	122191	29403	16024	11 x M12	107	13
4 1/4	4,2500	6,102	3,543	3,937	4,409	23602	133300	30189	16353	12 x M12	107	15
4 3/8	4,3750	6,102	3,543	3,937	4,409	24266	133300	29326	16353	12 x M12	107	14
4 7/16	4,4380	6,496	3,543	3,937	4,409	28691	155516	33728	17922	14 x M12	107	18
4 1/2	4,5000	6,496	3,543	3,937	4,409	29134	155516	33263	17922	14 x M12	107	17
4 3/4	4,7500	6,496	3,543	3,937	4,409	30756	155516	31513	17922	14 x M12	107	15
4 15/16	4,9380	7,087	4,094	4,567	5,118	37616	182899	29709	16720	12 x M14	170	23
5	5,0000	7,087	4,094	4,567	5,118	38058	182899	29340	16720	12 x M14	170	23
5 1/4	5,2500	7,480	4,094	4,567	5,118	46614	213383	32600	18480	14 x M14	170	26
5 7/16	5,4380	7,480	4,094	4,567	5,118	48310	213383	31473	18480	14 x M14	170	24
5 1/2	5,5000	7,480	4,094	4,567	5,118	48827	213383	31119	18480	14 x M14	170	23
5 3/4	5,7500	7,874	4,094	4,567	5,118	54727	228624	31892	18810	15 x M14	170	26
5 15/16	5,9380	7,874	4,094	4,567	5,118	56497	228624	30882	18810	15 x M14	170	24
6	6,0000	8,268	4,094	4,567	5,118	60923	243866	32600	19109	16 x M14	170	29
6 7/16	6,4380	8,858	5,276	5,827	6,457	79509	296566	29559	16833	14 x M16	262	43
6 1/2	6,5000	8,858	5,276	5,827	6,457	80247	296566	29277	16833	14 x M16	262	42
6 15/16	6,9380	9,252	5,276	5,827	6,457	91826	317749	29388	17268	15 x M16	262	44
7	7,0000	9,252	5,276	5,827	6,457	92638	317749	29127	17268	15 x M16	262	43
7 1/4	7,2500	9,843	5,276	5,827	6,457	102374	338932	29998	17314	16 x M16	262	52
7 7/16	7,4380	9,843	5,276	5,827	6,457	105029	338932	29240	17314	16 x M16	262	49
7 1/2	7,5000	9,843	5,276	5,827	6,457	105914	338932	28998	17314	16 x M16	262	47
7 3/4	7,7500	10,236	5,276	5,827	6,457	109380	338932	28062	16648	16 x M16	262	52
7 15/16	7,9380	10,236	5,276	5,827	6,457	112036	338932	27398	16648	16 x M16	262	49
8	8,0000	10,236	5,276	5,827	6,457	112921	338932	27185	16648	16 x M16	262	48

For larger diameter or inch series please contact us.

NOTE: it is possible to reduce the screws tightening torque down to 60% of the values indicated in above table; as a result M_t, F_{ax}, P_w, P_n are reduced proportionally.