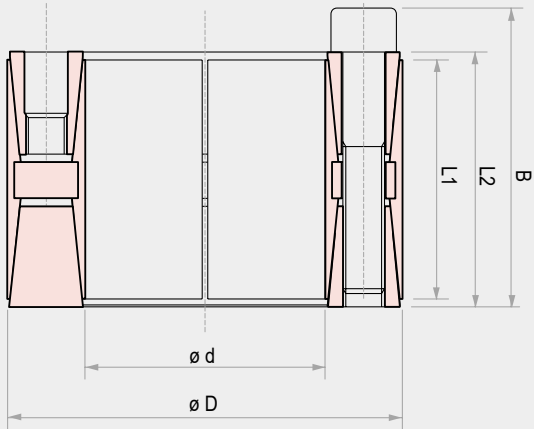


Locking assembly (self-centering patented)

TLK 400



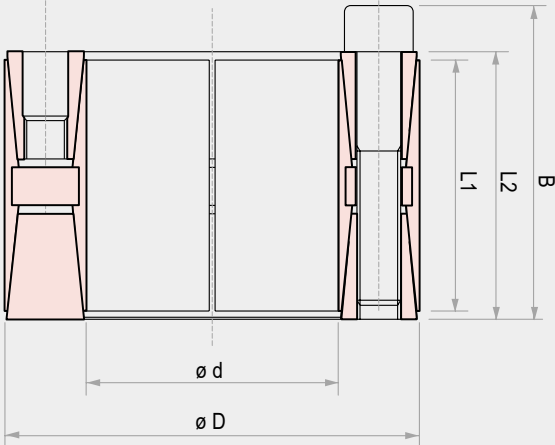
TLK 400

Tightening screws				Tightening torque		Torque		Axial Thrust F ass. KN	Surface pressures on		Weight Kg
dxD mm	L1 mm	L2 mm	B mm	DIN 912 12.9 N° x type	Ms Nm	Mt Nm			Shaft pw 2 N/mm²	Hub pn N/mm²	
45 x 75	56	64	72	8 x M8	41	3460		155	165	100	1.3
48 x 80	56	64	72	8 x M8	41	3680		155	150	95	1.5
50 x 80	56	64	72	8 x M8	41	3820		155	147	95	1.4
55 x 85	56	64	72	8 x M8	41	4260		155	135	85	1.5
60 x 90	56	64	72	10 x M8	41	5820		190	155	100	1.5
65 x 95	56	64	72	10 x M8	41	6270		190	140	95	1.6
70 x 110	70	78	88	10 x M10	83	10730		305	170	105	3
75 x 115	70	78	88	10 x M10	83	11540		305	155	100	3.1
80 x 120	70	78	88	12 x M10	83	14700		369	175	115	3.5
85 x 125	70	78	88	12 x M10	83	15700		369	165	110	3.5
90 x 130	70	78	88	12 x M10	83	16610		370	157	106	3.8
95 x 135	70	78	88	12 x M10	83	17530		370	150	102	4
100 x 145	90	100	112	12 x M12	145	26900		538	160	110	6
110 x 155	90	100	112	12 x M12	145	29530		538	143	102	6.2
120 x 165	90	100	112	14 x M12	145	37610		628	154	112	6.8
130 x 180	104	116	130	12 x M14	230	48000		738	143	106	9.8
140 x 190	104	116	130	14 x M14	230	60290		861	160	117	10.2
150 x 200	104	116	130	16 x M14	230	73800		985	165	125	10.9
160 x 210	104	116	130	16 x M14	230	78770		983	155	118	11.5
170 x 225	134	146	162	14 x M16	355	101730		1197	140	108	17.2
180 x 235	134	146	162	16 x M16	355	123200		1369	150	115	18
190 x 250	134	146	162	16 x M16	355	129880		1368	137	110	21.5
200 x 260	134	146	162	16 x M16	355	136840		1368	141	104	22
220 x 285	134	146	162	20 x M16	355	188000		1710	155	120	25
240 x 305	134	146	162	22 x M16	355	225000		1880	155	120	27
260 x 325	134	146	162	22 x M16	355	244000		1880	155	115	30
280 x 355	165	177	197	20 x M20	690	373000		2670	145	120	46
300 x 375	165	177	197	22 x M20	690	440000		2930	155	125	50
320 x 405	165	177	197	22 x M20	690	470000		2930	145	115	60
340 x 425	165	177	197	24 x M20	690	544000		3200	150	120	65
360 x 455	190	202	224	22 x M22	930	658000		3650	140	110	89
380 x 475	190	202	224	26 x M22	930	821000		4320	160	130	93
400 x 495	190	202	224	26 x M22	930	864000		4320	150	120	98

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 the above table, as a result Mt, Fass, Pw, Pn are reduced proportionally.

Locking assemblies (self-centering patented)

TLK 401 • TLK 401.0



TLK 401 • TLK 401.0

TLK 401										TLK 401.0										
Tightening screws DIN 912				Tightening torque		Torque		Axial Force		Surface pressures on		Tightening torque		Torque		Axial Force		Surface pressures on		Weight TLK 401 TLK 401.0
				Ms Nm	Mt Nm	F ass. KN	pW N/mm²	pH N/mm²	Ms Nm	Mt Nm	F ass. KN	pW N/mm²	pH N/mm²							
dxD mm	L1 mm	L2 mm	B mm	N° x type																
70 x 110	50	58	68	8 x M10	49	5100	145	112	71	83	8620	245	190	120	2.3					
75 x 115	50	58	68	8 x M10	49	5420	145	103	68	83	9160	245	174	115	2.4					
80 x 120	50	58	68	8 x M10	49	5820	145	97	65	83	9840	245	164	110	2.5					
85 x 125	50	58	68	10 x M10	49	7700	182	114	77	83	13000	307	193	130	2.6					
90 x 130	50	58	68	10 x M10	49	8100	182	107	74	83	13700	307	181	125	2.7					
95 x 135	50	58	68	10 x M10	49	8600	182	102	72	83	14540	307	173	122	2.8					
100 x 145	60	70	80	10 x M10	49	9100	182	80	55	83	15380	307	135	93	4					
110 x 155	60	70	80	10 x M10	49	10000	182	75	52	83	16900	307	127	88	4.5					
120 x 165	60	70	80	12 x M10	49	13100	218	80	59	83	22150	365	135	100	4.8					
130 x 180	68	80	92	12 x M12	86	20700	319	95	69	145	34860	537	160	116	6.3					
140 x 190	68	80	92	12 x M12	86	22300	319	89	66	145	37550	537	150	111	6.5					
150 x 200	68	80	92	12 x M12	86	23900	319	83	62	145	40250	537	140	105	7					
160 x 210	68	80	92	14 x M12	86	29800	372	90	69	145	50180	626	152	116	7.4					
170 x 225	75	87	99	16 x M12	86	36200	426	89	67	145	60960	717	150	113	10					
180 x 235	75	87	99	16 x M12	86	38300	426	84	64	145	64500	717	142	108	11.3					
190 x 250	88	100	112	18 x M12	86	45500	479	76	58	145	76620	806	128	98	14					
200 x 260	88	100	112	18 x M12	86	47900	479	72	56	145	80660	806	122	95	15.2					
220 x 285	98	110	124	14 x M14	135	56200	511	63	49	230	94730	861	107	83	19.5					
240 x 305	98	110	124	18 x M14	135	78800	657	74	58	230	132830	1100	125	98	21.5					
260 x 325	98	110	124	20 x M14	135	94900	730	76	61	230	159970	1230	138	103	23					
280 x 355	120	132	148	20 x M16	210	142000	1015	80	63	355	239260	1710	135	106	29					
300 x 375	120	132	148	24 x M16	210	182000	1218	89	72	355	306650	2050	150	121	30.5					
320 x 405	135	147	163	24 x M16	210	194000	1218	75	60	355	326870	2050	127	101	47					
340 x 425	135	147	163	24 x M16	210	207000	1218	71	57	355	348780	2050	120	96	50					

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