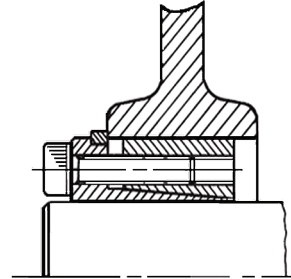
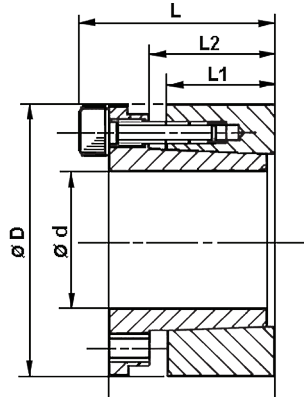
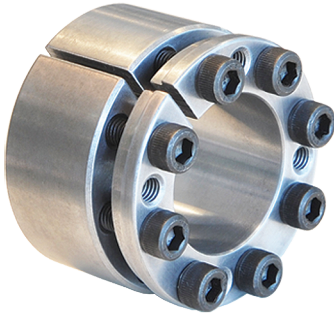


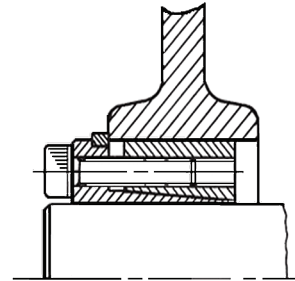
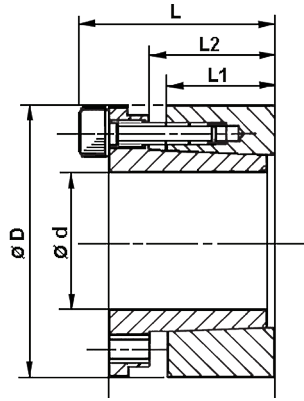
BTK 70 Locking devices

Moyeux de serrage



BTK 70	Dimensions of locking devices				Transmitted Axial Force kN	Transmitted Torque Nm	Contact pressure		Locking screws DIN 912 - Mat. 12.9		Locking Torque Nm
	ø d x ø D	L1	L2	L3			L	Shaft h8 N/mm ²	Hub H8 N/mm ²	N°	
19 x 47	26	31	39	45	32	353	228	98	4	M6 x 25	17
20 x 47	26	31	39	45	32	382	226	98	4	M6 x 25	17
22 x 47	26	31	39	45	32	431	215	93	4	M6 x 25	17
24 x 50	26	31	39	45	48	519	215	102	6	M6 x 25	17
25 x 50	26	31	39	45	48	578	225	102	6	M6 x 25	17
28 x 50	26	31	39	45	48	686	215	107	6	M6 x 25	17
30 x 55	26	31	39	45	48	745	196	117	6	M6 x 25	17
32 x 60	26	31	39	45	65	912	225	117	8	M6 x 25	17
35 x 60	26	31	39	45	65	1010	196	116	8	M6 x 25	17
38 x 65	26	31	39	45	65	1216	205	121	8	M6 x 25	17
40 x 65	26	31	39	45	65	1323	196	122	8	M6 x 25	17
42 x 75	30	36	47	55	87	2128	232	137	6	M8 x 30	41
45 x 75	30	36	47	55	87	2304	232	137	6	M8 x 30	41
48 x 80	30	36	47	55	87	2461	213	132	6	M8 x 30	41
50 x 80	30	36	47	55	87	2530	213	132	6	M8 x 30	41
55 x 85	30	36	47	55	116	3138	218	142	8	M8 x 30	41
60 x 90	30	36	47	55	116	3314	194	153	8	M8 x 30	41
65 x 95	30	36	47	55	116	4079	208	137	8	M8 x 30	41
70 x 110	40	46	57	67	189	6707	220	140	8	M10 x 35	83
75 x 115	40	46	62	72	189	7354	205	135	8	M10 x 35	83
80 x 120	40	46	62	72	189	7943	196	127	8	M10 x 35	83
85 x 125	40	46	62	72	236	9512	205	142	10	M10 x 35	83
90 x 130	40	46	62	72	236	10100	196	135	10	M10 x 35	83
95 x 135	40	46	62	72	236	11865	205	145	10	M10 x 35	83
100 x 145	46	52	77	89	275	15396	211	145	8	M12 x 45	145

Recommended machining tolerances for pressure surfaces : H8 for Hub and h8 for Shaft.

BTK 70**Locking devices**
Moyeux de serrage

BTK 70	Dimensions of locking devices				Transmitted Axial Force kN	Transmitted Torque Nm	Contact pressure		Locking screws DIN 912 - Mat. 12.9		Locking Torque Nm
	ø d x ø D	L1	L2	L3			L	Shaft h8 N/mm ²	Hub H8 N/mm ²	N°	
110 x 145	46	52	77	89	275	16867	192	136	8	M12 x 45	145
120 x 165	46	52	77	89	343	22064	211	152	10	M12 x 45	145
130 x 180	46	52	77	89	412	23535	192	137	12	M12 x 45	145
140 x 190	51	59	84	98	373	30210	192	142	8	M14 x 45	230
150 x 200	51	59	84	98	467	36440	201	150	10	M14 x 45	230
160 x 210	51	59	84	98	467	39730	201	150	10	M14 x 45	230
170 x 225	51	59	84	98	560	47617	160	120	12	M14 x 45	230
180 x 235	51	59	84	98	560	50418	180	138	12	M14 x 45	230
190 x 250	51	59	84	98	700	66526	213	162	15	M14 x 45	230
200 x 260	51	59	84	98	700	70027	202	156	15	M14 x 45	230
220 x 285	64	72	100	116	757	83243	158	122	12	M16 x 60	355
240 x 305	64	72	100	116	946	113517	182	143	15	M16 x 60	355
260 x 325	64	72	100	116	1135	147560	201	161	18	M16 x 60	355
280 x 355	75	83	123	141	1226	171582	172	136	16	M18 x 80	485
300 x 375	75	83	123	141	1379	206809	181	145	18	M18 x 80	485
320 x 405	90	98	142	162	1766	282493	181	143	18	M20 x 100	690
340 x 425	90	98	142	162	2060	350180	199	159	21	M20 x 100	690
360 x 455	110	118	166	188	2164	389480	161	127	18	M22 x 110	930
380 x 475	110	118	166	188	2524	479634	178	142	21	M22 x 110	930
400 x 495	100	118	166	188	2524	504878	186	150	21	M22 x 110	930

Recommended machining tolerances for pressure surfaces : H8 for Hub and h8 for Shaft.