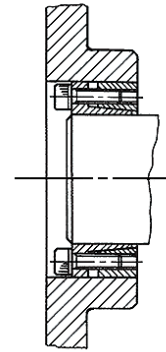
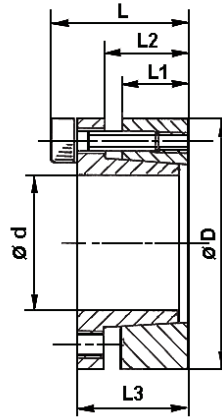


BTK 13

LOCKING DEVICES MOYEUX DE SERRAGE

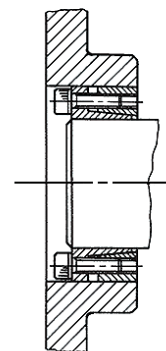
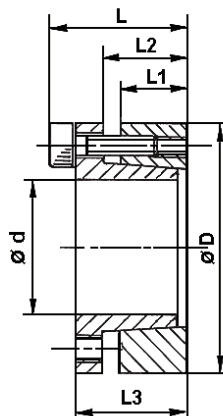


BTK 13	Dimensions of locking devices				Transmitted Axial Force kN	Transmitted Torque Nm	Contact pressure		Locking screws DIN 912 - Mat. 12.9		Locking Torque Nm
	ø d x ø D	L1	L2	L3			L	Shaft h8 N/mm ²	Hub H8 N/mm ²	N°	
18 x 47	17	22	28	34	29	350	280	120	5	M6 x 20	13
19 x 47	17	22	28	34	29	355	280	120	5	M6 x 20	13
20 x 47	17	22	28	34	29	360	280	120	5	M6 x 20	13
22 x 47	17	22	28	34	29	400	268	123	5	M6 x 20	13
24 x 50	17	22	28	34	34	440	243	120	6	M6 x 20	13
25 x 50	17	22	28	34	34	560	280	138	6	M6 x 20	13
28 x 55	17	22	28	34	34	625	250	128	6	M6 x 20	13
30 x 55	17	22	28	34	34	650	235	128	6	M6 x 20	13
32 x 60	17	22	28	34	46	950	290	150	8	M6 x 20	13
35 x 60	17	22	28	34	46	1050	268	150	8	M6 x 20	13
38 x 60	17	22	28	34	46	1140	252	146	8	M6 x 20	13
40 x 65	17	22	28	34	46	1200	232	146	8	M8 x 25	13
45 x 75	20	25	33	41	74	2180	285	168	7	M8 x 25	32
50 x 80	20	25	33	41	74	2430	258	158	7	M8 x 25	32
55 x 85	20	25	33	41	85	3050	268	173	8	M8 x 25	32
60 x 90	20	25	33	41	85	3350	243	163	8	M8 x 25	32
65 x 95	20	25	33	41	96	4080	253	173	9	M8 x 25	32
70 x 110	24	30	40	50	138	6280	278	178	8	M10 x 30	65
75 x 115	24	30	40	50	138	6680	258	168	8	M10 x 30	65
80 x 120	24	30	40	50	138	7130	248	168	8	M10 x 30	65
85 x 125	24	30	40	50	156	8450	258	178	9	M10 x 30	65
90 x 130	24	30	40	50	156	9080	248	168	9	M10 x 30	65
95 x 135	24	30	40	50	173	10580	258	178	10	M10 x 30	65
100 x 145	26	32	44	56	195	13380	268	188	8	M12 x 35	110
110 x 155	26	32	44	56	195	14580	238	178	8	M12 x 35	110

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

BTK 13 Locking devices

Moyeux de serrage



BTK 13	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°	
120 x 165	26	32	44	56	219	17880	248	178	9	M12 x 35	110
130 x 180	34	40	52	64	292	25950	238	168	12	M12 x 35	110
140 x 180	34	40	54	68	291	26950	208	148	9	M14 x 40	170
150 x 200	34	40	54	68	323	32950	228	168	10	M14 x 40	170
160 x 210	34	40	54	68	355	37900	228	168	11	M14 x 40	170
170 x 225	44	50	64	78	387	44900	188	128	12	M14 x 40	170
180 x 235	44	50	64	78	387	46900	168	128	12	M14 x 40	170
190 x 250	44	50	64	78	484	47996	171	130	15	M14 x 40	170
200 x 260	44	50	64	78	484	48416	162	125	15	M14 x 40	170
220 x 285	50	56	75	91	548	60291	147	113	12	M16 x 50	275
240 x 305	50	56	75	91	685	82218	168	132	15	M16 x 50	275
260 x 325	50	56	75	91	731	95009	166	133	16	M16 x 50	275
280 x 355	60	66	87	105	910	127341	160	126	16	M18 x 50	385
300 x 375	60	66	87	105	1023	153479	168	134	18	M18 x 50	385
320 x 405	74	81	101	121	1388	222065	140	110	18	M20 x 50	580
340 x 425	74	81	101	121	1619	275271	153	123	21	M20 x 50	580
360 x 455	86	94	116	138	1697	305480	131	104	18	M22 x 60	780
380 x 475	86	94	116	138	1980	376193	145	116	21	M22 x 60	780
400 x 495	86	94	116	138	1980	395993	111	111	21	M22 x 60	780

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