

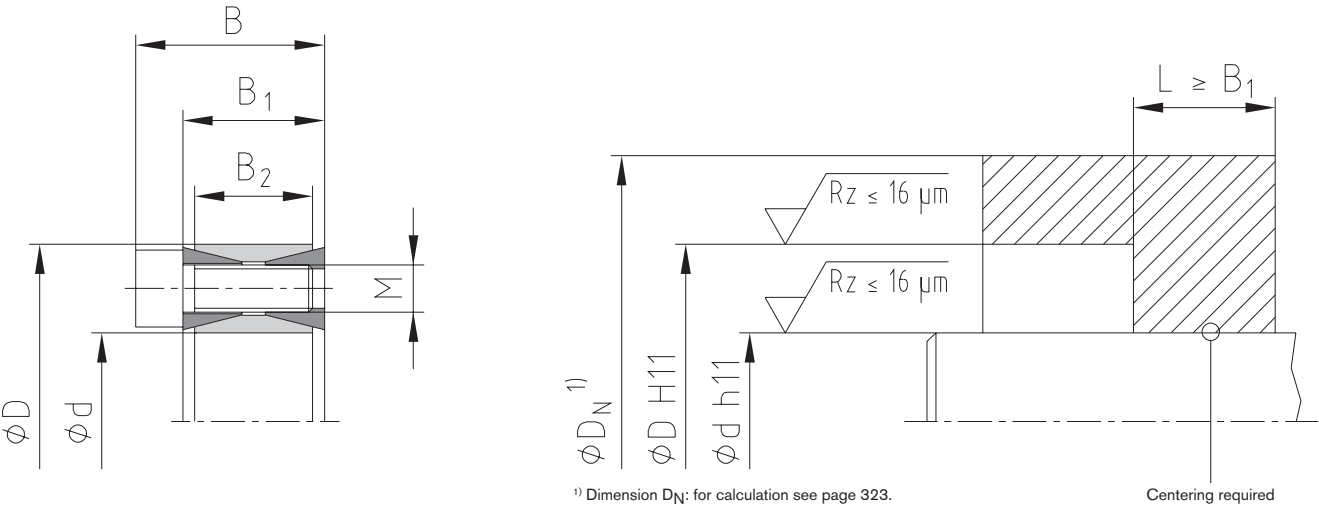
CLAMPEX® KTR 100

Clamping elements

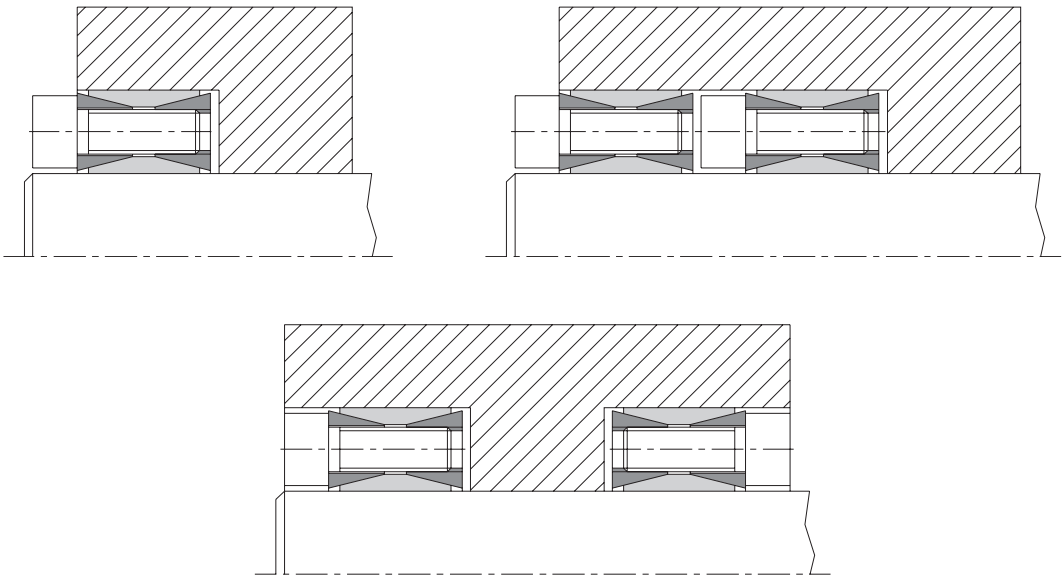
Not self-centering, suitable for large shaft and hub tolerances



For legend of pictogram please refer to flapper on the cover



Example of application of hub type



● Sizes of clamping elements available from stock.
¹⁾ These are the maximum screw tightening torques. They can be reduced by a maximum of 40 % of the above-mentioned figures with T , F_{ax} , P_W and P_N decreasing proportionately.

Ordering example:	KTR 100	50	x	80
	Series	Size of internal diameter d		Size of external diameter D

CLAMPEX® – KTR 100

d x D [mm]	Dimensions [mm]			Clamping screws DIN EN ISO 4762 - 12.9 $\mu_{total}=0.14$				Transmittable torque or axial force		Surface pressure between clamping element		Weight [~kg]	Stock programme
	B	B ₁	B ₂	M	Length	z = number	T _A [Nm] ¹⁾	T [Nm]	F _{ax} [kN]	Shaft P _W [N/mm ²]	Hub P _N [N/mm ²]		
17 x 47	26	20	17	M6	18	8	16	260	31	281	102	0.2	
18 x 47	26	20	17	M6	18	8	16	280	31	270	103	0.2	
19 x 47	26	20	17	M6	18	8	16	290	31	251	101	0.2	●
20 x 47	26	20	17	M6	18	8	16	310	31	242	103	0.2	●
22 x 47	26	20	17	M6	18	8	16	340	31	219	103	0.2	●
24 x 50	26	20	17	M6	18	8	16	370	31	200	96	0.3	●
25 x 50	26	20	17	M6	18	8	16	390	31	195	97	0.3	●
28 x 55	26	20	17	M6	18	12	16	650	46	259	132	0.3	●
30 x 55	26	20	17	M6	18	12	16	700	47	243	132	0.3	●
32 x 60	26	20	17	M6	18	12	16	750	47	229	122	0.3	●
35 x 60	26	20	17	M6	18	12	16	820	47	209	122	0.3	●
38 x 65	26	20	17	M6	18	15	16	1100	58	238	139	0.4	●
40 x 65	26	20	17	M6	18	15	16	1170	59	228	140	0.3	●
42 x 75	32	24	20	M8	22	12	40	1670	80	251	141	0.6	●
45 x 75	32	24	20	M8	22	12	40	1790	80	234	141	0.5	●
48 x 80	32	24	20	M8	22	12	40	1900	79	219	131	0.6	●
50 x 80	32	24	20	M8	22	12	40	1990	80	211	132	0.6	●
55 x 85	32	24	20	M8	22	15	40	2740	100	240	155	0.6	●
60 x 90	32	24	20	M8	22	15	40	2990	100	220	147	0.7	●
65 x 95	32	24	20	M8	22	15	40	3240	100	203	139	0.8	●
70 x 110	38	28	24	M10	25	15	78	5550	159	250	159	1.3	●
75 x 115	38	28	24	M10	25	15	78	5950	159	234	152	1.2	●
80 x 120	38	28	24	M10	25	15	78	6350	159	219	146	1.4	●
85 x 125	38	28	24	M10	25	15	78	6740	159	206	140	1.4	●
90 x 130	38	28	24	M10	25	15	78	7140	159	195	135	1.5	●
95 x 135	38	28	24	M10	25	18	78	9000	189	220	155	1.6	●
100 x 145	44	32	26	M12	30	15	135	11600	232	237	163	2.2	●
110 x 155	44	32	26	M12	30	15	135	12750	232	215	153	2.3	●
120 x 165	44	32	26	M12	30	16	135	14800	247	210	153	2.4	●
130 x 180	50	38	34	M12	30	20	135	20150	310	186	134	3.5	●
140 x 190	50	38	34	M12	30	22	135	23850	341	190	140	3.8	●
150 x 200	50	38	34	M12	30	24	135	27850	371	193	145	4.0	●
160 x 210	50	38	34	M12	30	26	135	32200	403	196	150	4.4	●
170 x 225	58	44	38	M14	45	22	215	40300	474	195	147	5.7	●
180 x 235	58	44	38	M14	45	24	215	46600	518	201	154	6.0	●
190 x 250	66	52	46	M14	45	28	215	57300	603	183	139	8.0	●
200 x 260	66	52	46	M14	45	30	215	71000	710	205	157	8.2	●
220 x 285	72	56	50	M16	50	26	335	93200	847	204	158	11.0	●
240 x 305	72	56	50	M16	50	30	335	117300	978	216	170	12.2	
260 x 325	72	56	50	M16	50	34	335	144000	1108	226	181	13.2	
280 x 355	84	66	60	M18	60	32	465	177700	1269	200	158	19.2	
300 x 375	84	66	60	M18	60	36	465	214100	1427	210	168	20.5	
320 x 405	98	78	72	M20	70	36	660	295800	1849	213	168	29.6	
340 x 425	98	78	72	M20	70	36	660	314300	1849	200	160	31.1	
360 x 455	112	90	84	M22	80	36	900	413300	2296	201	159	42.2	
380 x 475	112	90	84	M22	80	36	900	436300	2296	191	153	44.0	
400 x 495	112	90	84	M22	80	36	900	459300	2297	181	147	46.0	
420 x 515	112	90	84	M22	80	40	900	535800	2551	192	156	50.0	
440 x 545	130	102	96	M24	90	40	1130	647600	2944	185	149	64.6	
460 x 565	130	102	96	M24	90	40	1130	677000	2943	177	144	67.4	
480 x 585	130	102	96	M24	90	42	1130	741800	3091	178	146	71.0	
500 x 605	130	102	96	M24	90	44	1130	809500	3238	179	148	72.6	
520 x 630	130	102	96	M24	90	45	1130	861000	3312	176	145	80	
540 x 650	130	102	96	M24	90	45	1130	894000	3311	169	141	82	
560 x 670	130	102	96	M24	90	48	1130	989000	3532	174	146	85	
580 x 690	130	102	96	M24	90	50	1130	1067000	3679	175	147	88	
600 x 710	130	102	96	M24	90	50	1130	1103800	3679	169	143	91	
620 x 730	130	102	96	M24	90	52	1130	1186200	3826	171	145	93	
640 x 750	130	102	96	M24	90	54	1130	1271600	3974	172	146	96	
660 x 770	130	102	96	M24	90	56	1130	1359900	4121	173	148	99	
680 x 790	130	102	96	M24	90	56	1130	1401100	4121	167	144	102	
700 x 810	130	102	96	M24	90	60	1130	1545400	4415	174	151	104	
720 x 830	130	102	96	M24	90	60	1130	1589500	4415	169	147	107	
740 x 850	130	102	96	M24	90	62	1130	1688100	4562	170	148	110	
760 x 870	130	102	96	M24	90	64	1130	1789700	4710	171	150	113	
780 x 890	130	102	96	M24	90	65	1130	1865500	4783	169	149	116	
800 x 910	130	102	96	M24	90	66	1130	1942700	4857	168	147	118	
820 x 930	130	102	96	M24	90	68	1130	2051600	5004	169	149	121	
840 x 950	130	102	96	M24	90	70	1130	2163500	5151	169	150	124	
860 x 970	130	102	96	M24	90	72	1130	2278300	5298	170	151	127	
880 x 990	130	102	96	M24	90	74	1130	2396000	5445	171	152	129	
900 x 1010	130	102	96	M24	90	75	1130	2483600	5519	169	151	132	
920 x 1030	130	102	96	M24	90	76	1130	2572600	5593	168	150	135	
940 x 1050	130	102	96	M24	90	78	1130	2697700	5740	169	151	138	
960 x 1070	130	102	96	M24	90	80	1130	2825800	5887	169	152	140	
980 x 1090	130	102	96	M24	90	81	1130	2920700	5961	168	151	143	
1000 x 1110	130	102	96	M24	90	82	1130	3017100	6034	167	150	146	

CLAMPEX®

Clamping nuts

KTR Precision joints

Clamping sets