

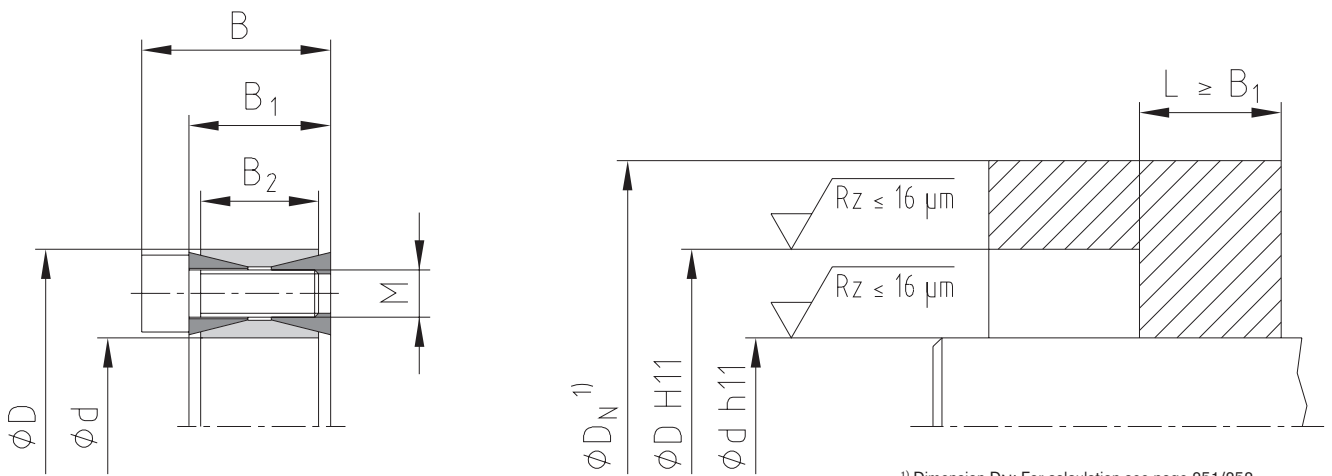
CLAMPEX® KTR 100

Clamping elements

Not self-centering clamping element suitable for large shaft and hub tolerances

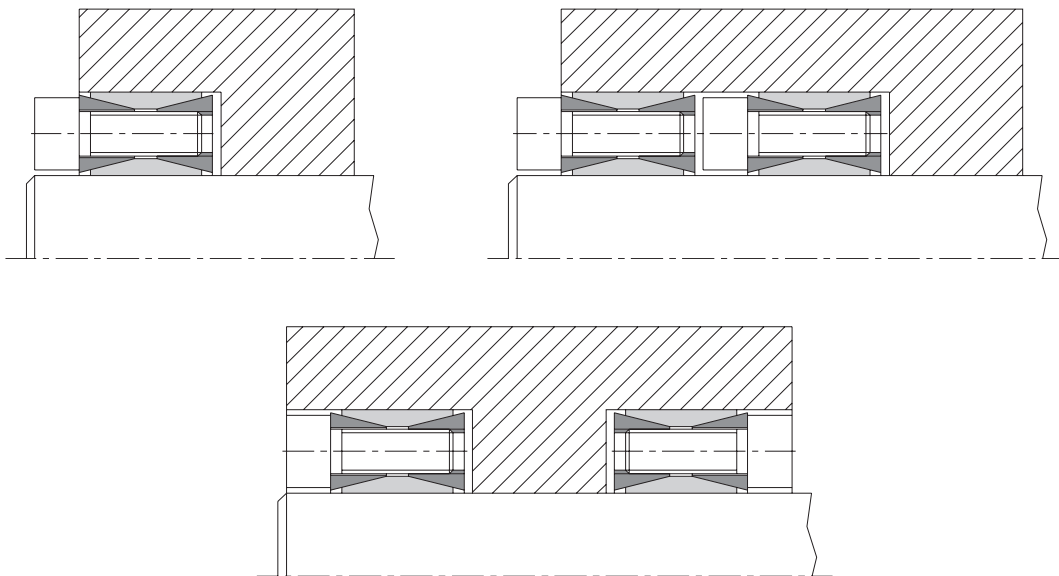


For legend of pictogram please refer to flapper on the cover



¹⁾ Dimension D_N : For calculation see page 251/252.

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 inside diameter d		Size of outside diameter D

CLAMPEX® – KTR 100

NEW	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	Number z	T _A [Nm] ¹⁾	T [Nm]	F _{ax} [kN]	Shaft PW [N/mm ²]	Hub PN [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	●
NEW	620 x 730	130	102	96	M24	90	52	1130	1186200	3826	171	145	93	●
NEW	640 x 750	130	102	96	M24	90	54	1130	1271600	3974	172	146	96	●
NEW	660 x 770	130	102	96	M24	90	56	1130	1359900	4121	173	148	99	●
NEW	680 x 790	130	102	96	M24	90	56	1130	1401100	4121	167	144	102	●
NEW	700 x 810	130	102	96	M24	90	60	1130	1545400	4415	174	151	104	●
NEW	720 x 830	130	102	96	M24	90	60	1130	1589500	4415	169	147	107	●
NEW	740 x 850	130	102	96	M24	90	62	1130	1688100	4562	170	148	110	●
NEW	760 x 870	130	102	96	M24	90	64	1130	1789700	4710	171	150	113	●
NEW	780 x 890	130	102	96	M24	90	65	1130	1865500	4783	169	149	116	●
NEW	800 x 910	130	102	96	M24	90	66	1130	1942700	4857	168	147	118	●
NEW	820 x 930	130	102	96	M24	90	68	1130	2051600	5004	169	149	121	●
NEW	840 x 950	130	102	96	M24	90	70	1130	2163500	5151	169	150	124	●
NEW	860 x 970	130	102	96	M24	90	72	1130	2278300	5298	170	151	127	●
NEW	880 x 990	130	102	96	M24	90	74	1130	2396000	5445	171	152	129	●
NEW	900 x 1010	130	102	96	M24	90	75	1130	2483600	5519	169	151	132	●
NEW	920 x 1030	130	102	96	M24	90	76	1130	2572600	5593	168	150	135	●
NEW	940 x 1050	130	102	96	M24	90	78	1130	2697700	5740	169	151	138	●
NEW	960 x 1070	130	102	96	M24	90	80	1130	2825800	5887	169	152	140	●
NEW	980 x 1090	130	102	96	M24	90	81	1130	2920700	5961	168	151	143	●
NEW	1000 x 1110	130	102	96	M24	90	82	1130	3017100	6034	167	150	146	●