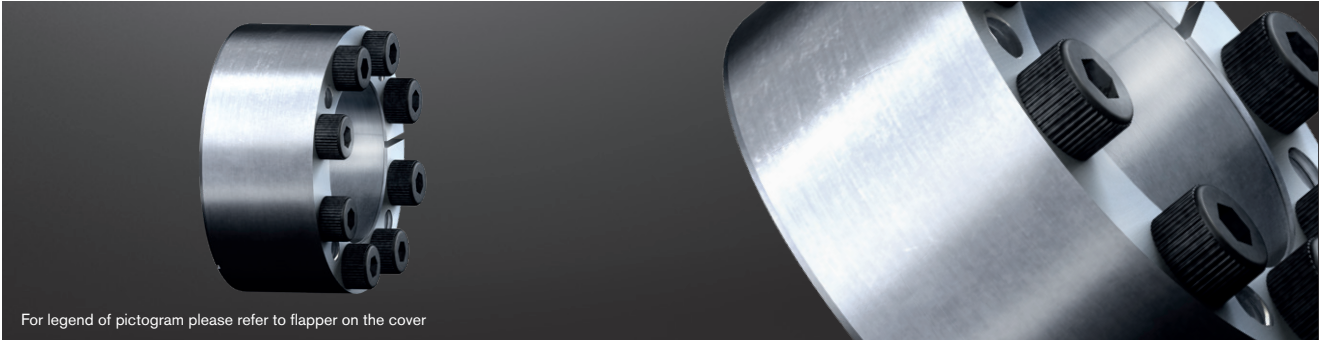


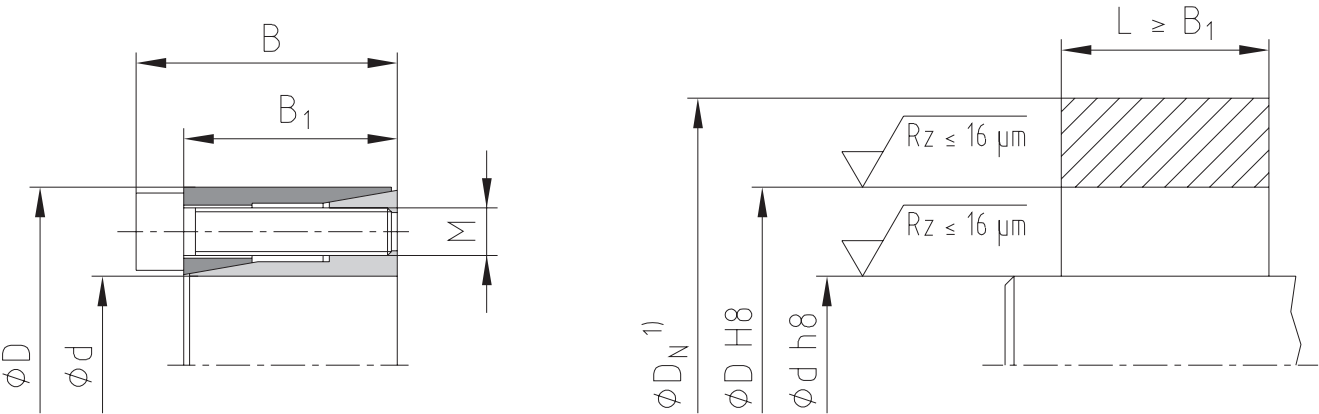
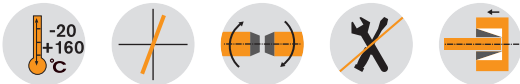
CLAMPEX® KTR 105

Clamping elements

Self-centering clamping element in a compact design

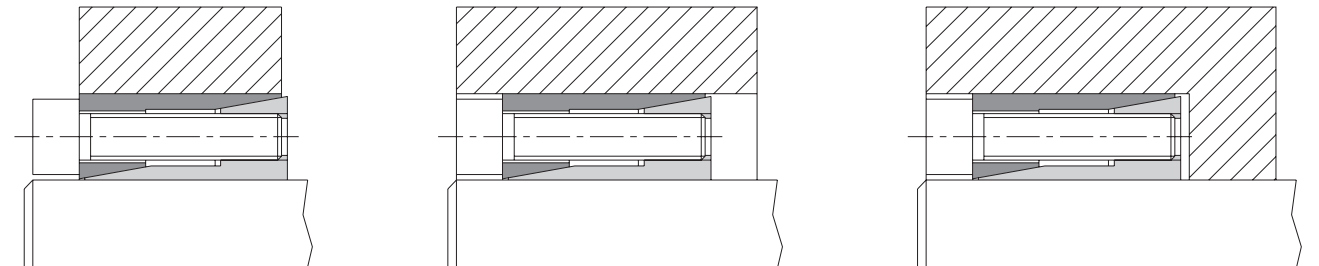


For legend of pictogram please refer to flapper on the cover



¹) Dimension DN: for calculation see page 323.

Example of application of hub type



Ordering example:	KTR 105	8	x	18
	Series	Size of internal diameter d		Size of external diameter D

CLAMPEX® – KTR 105												
d x D [mm]	Dimensions [mm]		Clamping screws DIN EN ISO 4762 - 12.9 $\mu_{\text{total}}=0.14$				Transmittable torque or axial force		Surface pressure between clamping element		Weight [~kg]	Stock programme
	B	B1	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]		
5 x 16	13.5	11	M2.5	10	3	1.2	5	2	177	55	0.01	●
6 x 16	13.5	11	M2.5	10	3	1.2	6	2	147	55	0.01	●
6.35 x 16	13.5	11	M2.5	10	3	1.2	6	2	132	52	0.01	●
7 x 17	13.5	11	M2.5	10	3	1.2	8	2	144	59	0.01	●
8 x 18	13.5	11	M2.5	10	3	1.2	10	3	138	61	0.02	●
9 x 20	15.5	13	M2.5	12	4	1.2	15	3	140	63	0.02	●
9.53 x 20	15.5	13	M2.5	12	4	1.2	15	3	125	60	0.02	●
10 x 20	15.5	13	M2.5	12	4	1.2	15	3	114	57	0.02	●
11 x 22	15.5	13	M2.5	12	4	1.2	18	3	113	56	0.02	●
12 x 22	15.5	13	M2.5	12	4	1.2	20	3	105	57	0.02	●
14 x 26	20	17	M3	16	4	2.1	35	5	105	57	0.04	●
15 x 28	20	17	M3	16	4	2.1	40	5	94	51	0.04	●
16 x 32	21	17	M4	16	4	4.9	70	9	132	66	0.07	●
17 x 35	25	21	M4	20	4	4.9	75	9	125	61	0.09	●
18 x 35	25	21	M4	20	4	4.9	80	9	119	61	0.09	●
19 x 35	25	21	M4	20	4	4.9	85	9	114	62	0.08	●
20 x 38	26	21	M5	20	4	9.7	150	15	153	81	0.1	●
22 x 40	26	21	M5	20	4	9.7	160	15	135	74	0.1	●
24 x 47	32	26	M6	25	4	16.5	250	21	154	78	0.2	●
25 x 47	32	26	M6	25	4	16.5	260	21	147	78	0.2	●
28 x 50	32	26	M6	25	6	16.5	440	31	198	111	0.2	●
30 x 55	32	26	M6	25	6	16.5	470	31	185	101	0.3	●
32 x 55	32	26	M6	25	6	16.5	500	31	173	100	0.25	●
35 x 60	37	31	M6	30	8	16.5	730	42	166	97	0.35	●
38 x 65	37	31	M6	30	8	16.5	800	42	155	90	0.4	●
40 x 65	37	31	M6	30	8	16.5	840	42	147	90	0.4	●
42 x 75	44	36	M8	35	6	40	911	43	125	70	0.7	●
45 x 75	44	36	M8	35	8	40	1300	58	155	93	0.6	●
48 x 80	44	36	M8	35	8	40	1824	76	191	115	0.7	●
50 x 80	44	36	M8	35	8	40	1900	76	183	115	0.7	●

● 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.