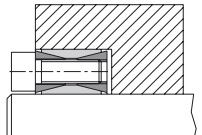
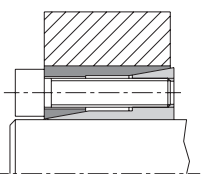
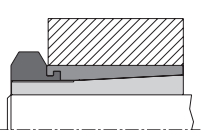
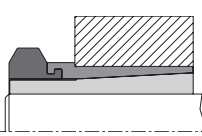
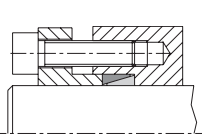
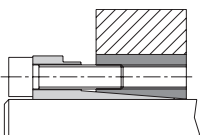
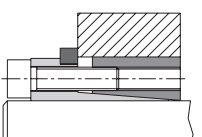


CLAMPEX® CLAMPING ELEMENTS

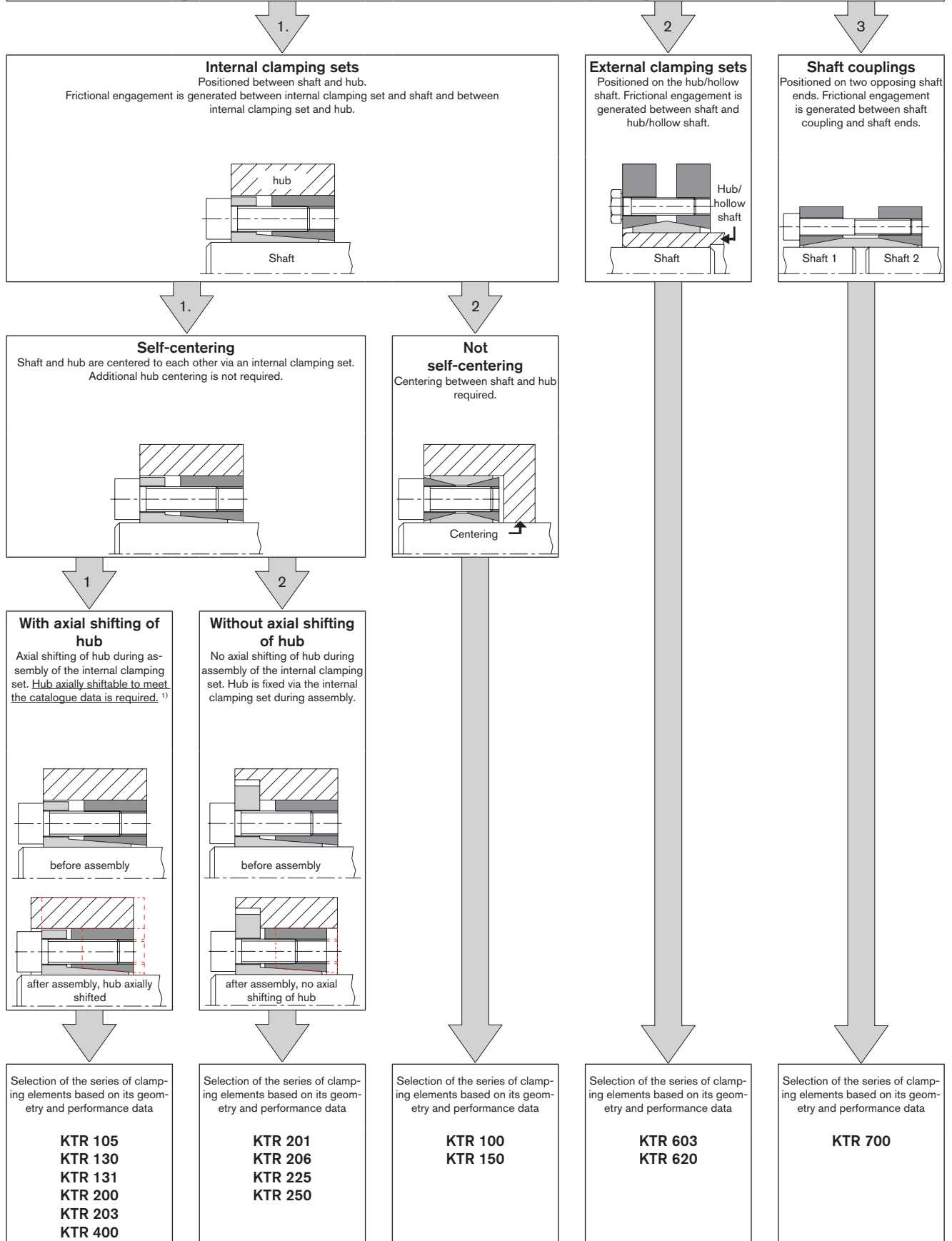
TYPES AND OPERATING DESCRIPTION

Properties of clamping elements

Type	Series	Shaft diameter [mm]	Transmittable torque T [Nm]	Centering of hub to shaft via the clamping element	Centering between hub and shaft required	Axial shifting of hub during assembly of clamping element	Details on page
Internal clamping elements	 KTR100	17 – 1.000	260 – 3.017.100		●		266 267
	 KTR 105	5 – 50	5 – 1.900	●		●	268 269
	 KTR130	5 – 50	10 – 2.320	●		●	270 271
	 KTR 131	5 – 35	10 – 836	●		●	270 271
	 KTR 150	6 – 400	2 – 178.138		●	●	272 273
	 KTR 200	20 – 200	530 – 68.000	●		●	274 275
	 KTR 201	20 – 200	320 – 48.800	●			274 275

Selection guide

Selection guide for CLAMPEX® clamping elements

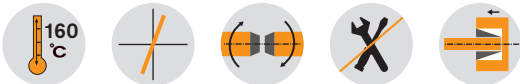
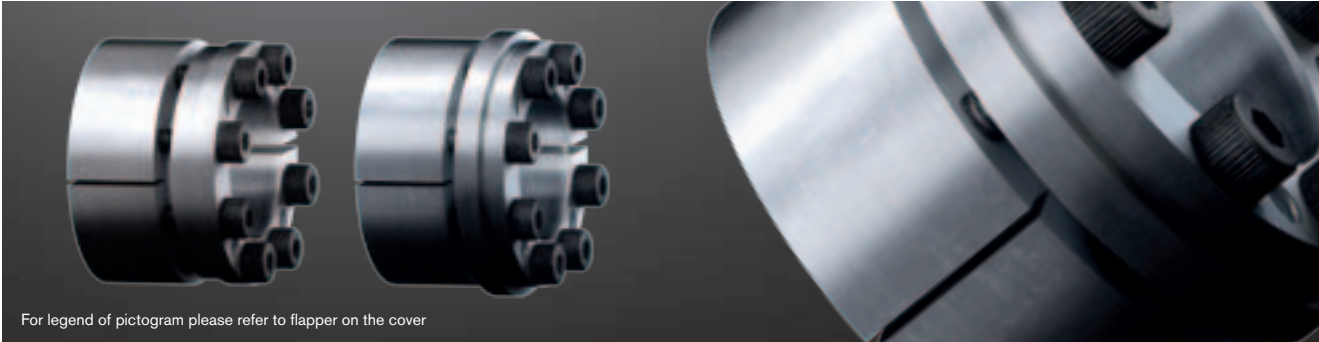


¹⁾ Does not apply for KTR 400

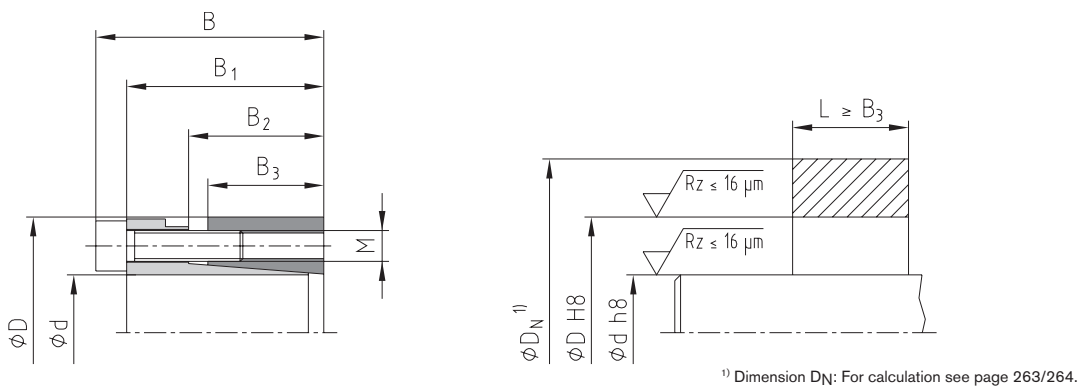
CLAMPEX® KTR 200 und KTR 201

Clamping elements

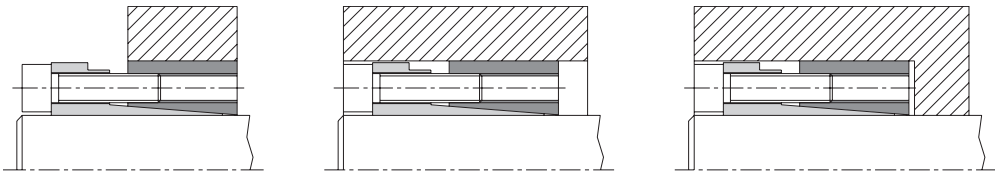
Self-centering clamping elements with a wide range of applications



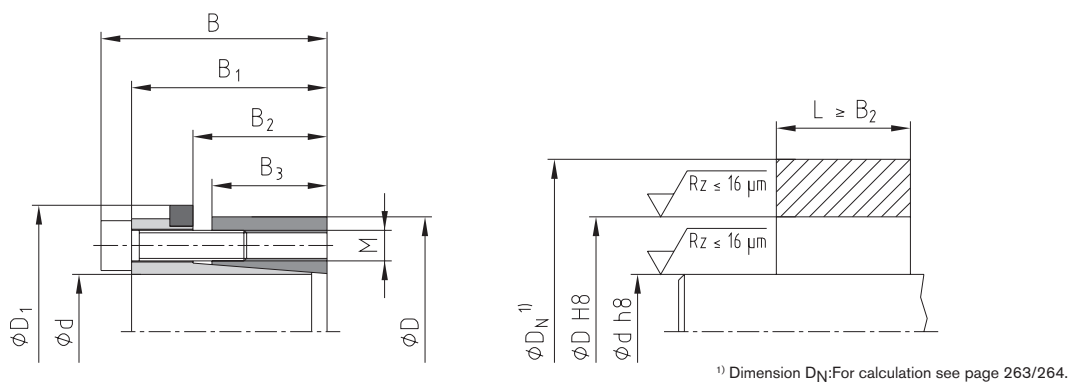
KTR 200



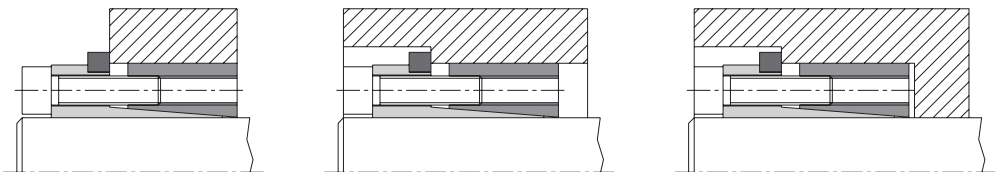
Example of application of hub type



KTR 201



Example of application of hub type



Ordering example:	KTR 200	40	x	65
	Series	Size of inside diameter d		Size of outside diameter D

CLAMPEX® KTR 200 und KTR 201

Clamping elements

CLAMPEX® – KTR 200 und KTR 201

											KTR 200						KTR 201					
d x D [mm]	Dimensions [mm]					Clamping screws DIN EN ISO 4762 - 12.9 μtotal=0.14					Transmittable torque or axial force		Surface pressure between clamping element		Weight [~kg]	Stock programme	Transmittable torque or axial force		Surface pressure between clamping element		Weight [~kg]	Stock programme
	B	B ₁	B ₂	B ₃	D ₁	M	Length	z	No. z	T _A [Nm] ¹⁾ KTR 200KTR 201	T [Nm]	F _{ax} [kN]	Shaft PW [N/mm²]	hub PN [N/mm²]	T [Nm]	F _{ax} [kN]	Shaft PW [N/mm²]	hub PN [N/mm²]				
20 x 47	48	42	31	26	53	M6	25	6	17	17	530	53	270	115	0,4	●	320	32	163	69	0,4	●
22 x 47	48	42	31	26	53	M6	25	6	17	17	580	53	245	114	0,4	●	360	33	152	71	0,4	●
24 x 50	48	42	31	26	56	M6	25	6	17	17	630	53	223	107	0,4	●	390	33	138	66	0,4	●
25 x 50	48	42	31	26	56	M6	25	6	17	17	660	53	215	108	0,4	●	400	32	131	65	0,4	●
28 x 55	48	42	31	26	61	M6	25	6	17	17	740	53	193	98	0,5	●	450	32	117	60	0,5	●
30 x 55	48	42	31	26	61	M6	25	6	17	17	790	53	179	98	0,5	●	490	33	111	61	0,5	●
32 x 60	48	42	31	26	66	M6	25	8	17	17	1150	72	229	122	0,6	●	690	43	137	73	0,6	●
35 x 60	48	42	31	26	66	M6	25	8	17	17	1300	74	217	126	0,5	●	750	43	125	73	0,5	●
38 x 65	48	42	31	26	71	M6	25	8	17	17	1300	68	184	107	0,6	●	820	43	116	68	0,6	●
40 x 65	48	42	31	26	71	M6	25	8	17	17	1400	70	179	110	0,6	●	860	43	110	67	0,6	●
42 x 75	59	51	35	30	81	M8	30	6	41	41	2000	95	200	112	1,0	●	1300	62	130	73	1,0	●
45 x 75	59	51	35	30	81	M8	30	6	41	41	2200	98	192	115	1,0	●	1400	62	122	73	1,0	●
48 x 80	59	51	35	30	86	M8	30	8	41	41	3200	133	246	147	1,1	●	1900	79	146	87	1,1	●
50 x 80	59	51	35	30	86	M8	30	8	41	41	3300	132	233	146	1,1	●	2000	80	141	88	1,1	●
55 x 85	59	51	35	30	91	M8	30	8	41	41	3600	131	210	136	1,2	●	2200	80	129	83	1,2	●
60 x 90	59	51	35	30	96	M8	30	8	41	41	3900	130	192	128	1,2	●	2400	80	118	79	1,2	●
65 x 95	59	51	35	30	101	M8	30	8	41	41	4300	132	180	123	1,3	●	2600	80	109	74	1,3	●
70 x 110	71	61	46	40	119	M10	30	8	83	83	7500	214	203	129	2,2	●	4600	131	125	79	2,3	●
75 x 115	71	61	46	40	124	M10	30	8	83	83	8000	213	189	123	2,3	●	5000	133	118	77	2,4	●
80 x 120	71	61	46	40	129	M10	30	8	83	83	8500	213	176	117	2,4	●	5200	130	108	72	2,6	●
85 x 125	71	61	46	40	134	M10	30	10	83	83	11400	268	209	142	2,6	●	7000	165	128	87	2,7	●
90 x 130	71	61	46	40	139	M10	30	10	83	83	12000	267	196	136	2,7	●	7400	164	121	84	2,8	●
95 x 135	71	61	46	40	144	M10	30	10	83	83	12600	265	185	130	2,8	●	7800	164	115	81	2,9	●
100 x 145	80	68	52	45	155	M12	35	8	145	145	15000	300	177	122	3,9	●	9800	196	116	80	4,1	●
110 x 155	80	68	52	45	165	M12	35	8	145	145	16500	300	161	114	4,2	●	10700	195	104	74	4,4	●
120 x 165	80	68	52	45	175	M12	35	10	145	145	22500	375	184	134	4,5	●	14600	243	120	87	4,7	●
130 x 180	80	68	52	45	188	M12	35	12	145	145	29000	446	202	146	5,5	●	19000	292	133	96	5,7	●
140 x 190	90	76	58	50	199	M14	40	10	210	230	32000	457	173	128	6,6	●	23000	329	125	92	6,9	●
150 x 200	90	76	58	50	209	M14	40	12	210	230	41000	547	193	145	6,9	●	30000	400	141	106	7,2	●
160 x 210	90	76	58	50	219	M14	40	12	210	230	44000	550	182	139	7,4	●	32000	400	133	101	7,8	●
170 x 225	90	76	58	50	234	M14	40	14	210	230	54500	641	200	151	8,6	●	39000	459	143	108	9,0	●
180 x 235	90	76	58	50	244	M14	40	14	210	230	57500	639	188	144	9,1	●	41000	456	134	103	9,5	●
190 x 250	90	76	58	50	259	M14	40	15	210	230	65000	684	191	145	10,6	●	46400	488	136	104	11,1	●
200 x 260	90	76	58	50	269	M14	40	15	210	230	68000	680	180	139	11,2	●	48800	488	129	100	11,7	●

● 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.

NEW
NEW

CLAMPEX®

Clamping nuts

KTR Precision joints