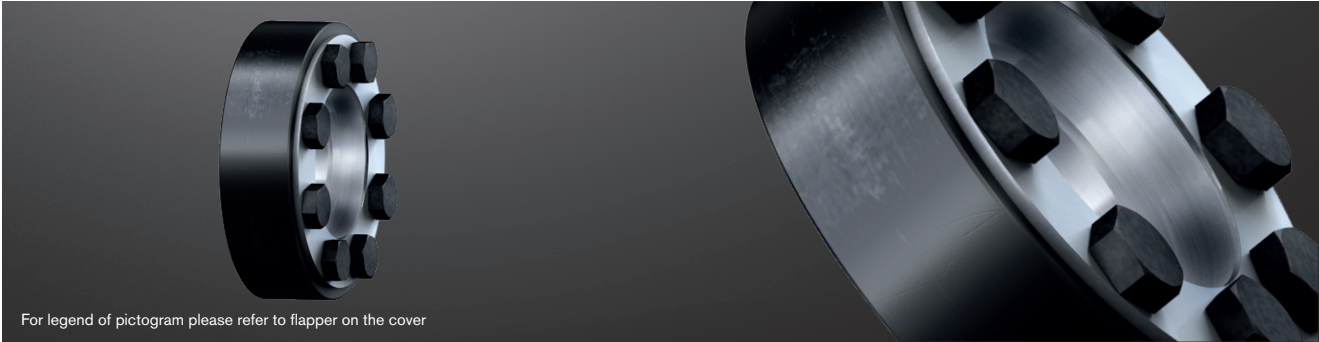


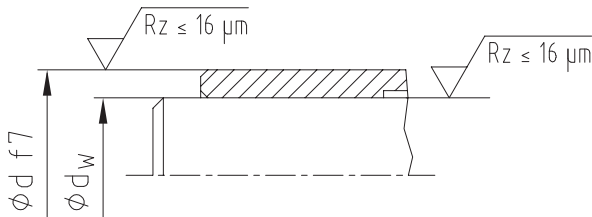
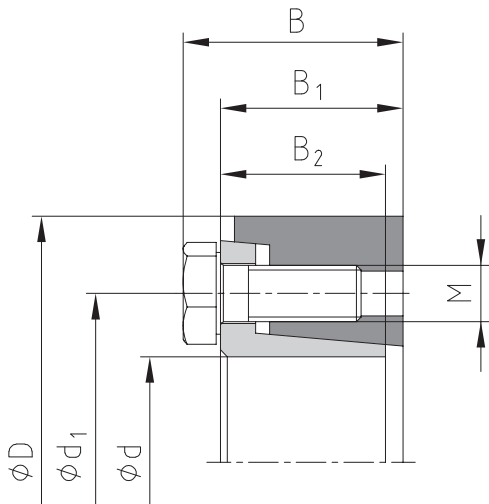
CLAMPEX® KTR 620

Clamping elements

Two-part external clamping set for applications on hollow shafts

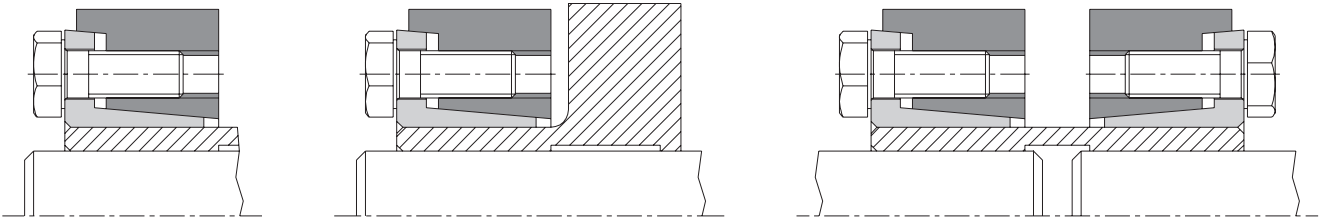


For legend of pictogram please refer to flapper on the cover



Tolerances for d_w
 $d_w \leq \varnothing 160 = h6/H7$
 $d_w > \varnothing 160 = g6/H7$
 Bigger tolerances are generally possible! Please contact us!

Example of application of hub type



Ordering example:	KTR 620	55	x	100
	Series	Size of internal diameter d		Size of external diameter D

CLAMPEX® – KTR 620														
d x D [mm]	Shaft diameter d _W [mm]	Transmittable torque or axial force		Dimensions [mm]				Clamping screws DIN EN ISO 4017 - 12.9 ¹⁾ μ _{total} =0.10				Surface pressure of clamping element/hollow shaft	Weight [~kg]	Stock programme
		T [Nm]	F _{ax} [kN]	B	B ₁	B ₂	d ₁	M	Length	z = number	T _A [Nm]	P _H [N/mm ²]		
16 x 41	13	70	11	19.5	15.3	13.5	28	M6	12	3	13	254	0.1	
	14	90	13											
18 x 44	15	80	11	19.5	15.3	13.5	30	M6	12	4	13	222	0.1	
	16	110	14											
20 x 47	17	150	18	19.5	15.3	13.5	32	M6	12	4	13	274	0.1	●
	18	175	19											
24 x 50	19	165	17	22	18.22	16	36	M6	16	5	13	243	0.2	●
	20	215	22											
26 x 51.5	22	280	25	22	18.05	16	38	M6	16	5	13	238	0.2	
	20	200	20											
30 x 60	22	260	24	24	20.26	18	44	M6	16	6	13	255	0.3	●
	24	330	28											
36 x 72	24	370	31	27.5	22.1	20	52	M8	20	5	30	250	0.5	●
	25	420	34											
38 x 72	26	465	36	27.5	22.1	20	54	M8	20	5	30	240	0.5	●
	27	480	36											
40 x 80	30	650	43	29.5	24.22	22	61	M8	20	6	30	209	0.6	●
	33	835	51											
44 x 80	27	480	36	29.5	24.22	22	61	M8	20	6	30	192	0.6	●
	30	645	43											
50 x 90	33	765	46	31.5	26.1	23.5	68	M8	20	8	30	212	0.8	●
	34	830	49											
55 x 100	35	770	44	34.5	29	26	72	M8	20	8	30	195	1.1	●
	37	880	48											
60 x 110	38	1130	59	34.5	29.25	26	80	M8	20	9	30	191	1.3	●
	40	1260	63											
62 x 110	42	1400	67	34.5	29.25	26	80	M8	20	9	30	189	1.3	●
	42	1300	62											
68 x 115	45	1600	71	35	29.4	26	86	M8	20	9	30	206	1.3	●
	48	1900	79											
75 x 138	48	1700	71	37.5	30.7	27	100	M10	25	10	60	211	2.3	●
	50	1950	78											
80 x 141	52	2160	83	37.5	31.1	27	104	M10	25	10	60	215	2.3	●
	48	1700	71											
85 x 155	50	1900	76	44.5	38.2	34	114	M10	25	11	60	216	3.2	
	55	2500	91											
90 x 155	60	3150	105	44.5	38.2	34	114	M10	25	11	60	223	3.2	●
	55	2700	98											
95 x 170	60	3400	113	50	43.45	39	124	M10	30	14	60	182	4.3	
	65	4100	126											
100 x 170	70	4950	141	50	43.45	39	124	M10	30	14	60	176	4.3	●
	70	6200	177											
105 x 185	75	7400	197	56.5	49.1	43.5	136	M12	35	12	100	208	5.8	
	80	8600	215											
110 x 185	80	10500	263	56.5	49.1	43.5	136	M12	35	12	100	202	5.8	●
	85	11800	278											
115 x 197	90	13700	304	60.5	53	48	147	M12	35	14	100	193	6.9	
	80	10500	263											
120 x 197	85	12500	294	60.5	53	48	147	M12	35	14	100	189	6.9	
	90	14100	313											
	95	16000	337											
	85	12500	294											
	90	14100	313											
	95	16000	337											

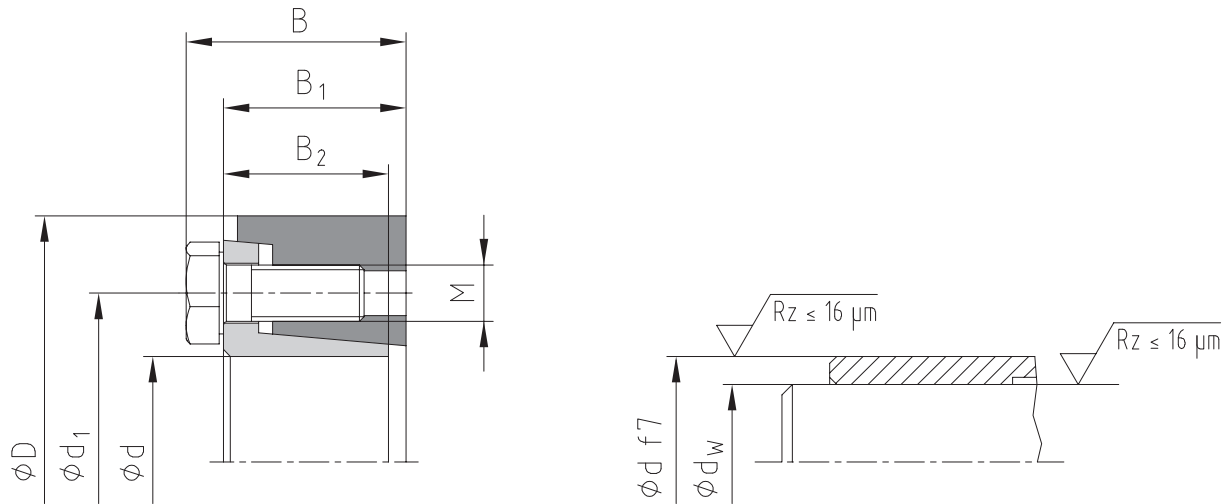
● Sizes of clamping elements available from stock.

¹⁾ DIN EN ISO 4017-10.9 for size 16 x 41 to 20 x 47

CLAMPEX® KTR 620

Clamping elements

Two-part external clamping set for applications on hollow shafts



CLAMPEX® – KTR 620														
d x D [mm]	Shaft diameter d _W [mm]	Transmittable torque or axial force		Dimensions [mm]				Clamping screws DIN EN ISO 4017 - 12.9 μtotal=0.10				Surface pressure of clamping ele- ment/hollow shaft P _H [N/mm²]	Weight [~kg]	Stock programme
		T [Nm]	F _{ax} [kN]	B	B ₁	B ₂	d ₁	M	Length	z = number	T _A [Nm]			
125 x 215	90	14500	322											
	95	16600	349	61	53.4	48	158	M12	35	14	100	196	8.7	●
	100	18800	376											
130 x 215	95	17000	358											
	100	18400	368	61	53.4	48	158	M12	35	14	100	187	9.4	
	110	22000	400											
130 x 230	95	18400	387											
	100	20800	416	66.5	57.5	51	165	M14	40	12	160	213	10.8	●
	110	26200	476											
135x 230	95	18400	387											
	100	20800	416	66.5	57.5	51	165	M14	40	12	160	209	10.8	
	110	26200	476											
140 x 230	100	19900	398											
	105	22200	423	67	57.8	51	172	M14	40	12	160	207	10.3	
	115	27800	483											
150 x 263	110	27000	491											
	120	32000	533	71	62.2	55	186	M14	40	14	160	202	15.2	
	125	36200	579											
155 x 263	110	27000	491											
	120	32000	533	71	62.2	55	186	M14	40	14	160	199	15.2	
	125	36200	579											
160 x 290	120	39000	650											
	130	48000	738	78.5	68.5	61	198	M16	45	12	250	215	21.5	
	135	51000	756											
165 x 290	120	39000	650											
	130	48000	738	78.5	68.5	61	198	M16	45	12	250	212	21.5	
	135	51000	756											
170 x 300	130	46500	715											
	140	53000	757	79	68.9	61	208	M16	50	14	250	212	22.5	
	145	59000	814											
175 x 300	130	46500	715											
	140	53000	757	79	68.9	61	208	M16	50	14	250	209	22.5	●
	145	59000	814											
180 x 320	140	66000	943											
	150	76000	1013	95	85	77.5	222	M16	50	16	250	210	32.7	
	155	83000	1071											
185 x 320	140	66000	943											
	150	76000	1013	95	85	77.5	222	M16	50	16	250	207	32.7	
	155	83000	1071											
190 x 340	150	82000	1093											
	160	91000	1138	98	87.7	77.5	238	M16	50	16	250	225	36.3	
	165	102000	1236											
195 x 340	150	82000	1093											
	160	91000	1138	98	87.7	77.5	238	M16	50	16	250	222	36.3	
	165	102000	1236											
200 x 340	150	82000	1093											
	160	91000	1138	98	87.7	77.5	238	M16	50	16	250	219	36.3	
	165	102000	1236											

● Sizes of clamping elements available from stock.

CLAMPEX® – KTR 620														
d x D [mm]	Shaft diameter d _W [mm]	Transmittable torque or axial force		Dimensions [mm]				Clamping screws DIN EN ISO 4017 - 12.9 ²⁾ H _{total} =0.10				Surface pressure of clamping ele- ment/hollow shaft	Weight [-kg]	Stock programme
		T [Nm]	F _{ax} [kN]	B	B ₁	B ₂	d ₁	M	Length	z = number	T _A [Nm]	P _H [N/mm²]		
220 x 370	160	105000	1313											
	170	122000	1435	120	107.55	96.5	268	M20	60	15	480	205	53	
	180	138000	1533											
240 x 405	170	125000	1471											
	180	145000	1611	123.5	111.1	98	288	M20	60	16	480	214	66	
	200	182000	1820											
260 x 430	190	165000	1737											
	200	190000	1900	138	125.3	110.5	312	M20	60	16	480	202	82	
	220	238000	2164											
280 x 460	210	220000	2095											
	220	245000	2227	152.5	140	121	334	M20	60	18	480	193	103	
	240	300000	2500											
300 x 485	220	297000	2700											
	230	330000	2870	159	139.8	124	360	M24	70	16	840	205	120	
	250	399000	3192											
320 x 520	240	331000	2758											
	250	365000	2920	160.5	141.6	124	380	M24	70	18	840	190	138	
	270	437000	3237											
340 x 570	250	429000	3432											
	260	469000	3608	177.5	158.4	139	402	M24	70	18	840	195	189	
	280	556000	3971											
360 x 590	270	545000	4037											
	280	592000	4229	182	163	143	424	M24	70	20	840	216	207	
	290	694000	4786											
390 x 650	290	704000	4855											
	300	760000	5067	191	169.2	148	454	M27	70	18	1250	216	249	
	320	879000	5494											
420 x 670	320	827000	5169											
	330	876000	5309	208.4	186.4	166	486	M27	70	20	1250	184	285	
	350	1000000	5714											
440 x 710	340	1117000	6571											
	350	1190000	6800	220	198	179	506	M27	70	21	1250	222	343	
	370	1345000	7270											
460 x 750	360	1306000	7256											
	370	1386000	7492	223	201	179	534	M27	70	21	1250	230	387	
	390	1554000	7969											
470 x 705	370	950000	5135											
	380	1000000	5263	241.6	219.6	200	538	M27	70	21	1250	151	340	
	400	1150000	5750											
480 x 770	380	1557000	8195											
	390	1648000	8451	247	223	201	552	M30	100	21	1650	223	449	
	410	1818000	8868											
500 x 820	400	1653000	8265											
	410	1725000	8415	241	217	198	572	M30	100	24	1650	214	515	
	430	1915000	8907											
530 x 850	430	2048000	9526											
	440	2154000	9791	262.3	238.3	216	606.5	M30	100	24	1650	208	585	
	460	2374000	10322											
560 x 885	450	2306000	10249											
	460	2419000	10517	266	242	220	632	M30	100	24	1650	212	636	
	480	2654000	11058											
590 x 950	470	2735000	11638											
	480	2863000	11929	281.5	257.5	236	664	M30	100	28	1650	211	805	
	500	3128000	12512											
620 x 960	500	3150000	12600											
	520	3396000	13062	307	283	258	706	M30	100	28	1650	201	853	
	540	3689000	13663											
660 x 1020	530	3636000	13721											
	550	3942000	14335	319	293	267	748	M33	130	28	2250	199	993	
	570	4261000	14951											
700 x 1085	560	4189000	14961											
	580	4520000	15586	318.5	292.5	263	788	M33	130	28	2250	187	1112	
	600	4863000	16210											
750 x 1100	600	5281000	17603											
	620	5672000	18297	346	320	280	850	M33	130	32	2250	202	1111	
	650	6287000	19345											
800 x 1230	640	6091000	19034											
	660	6511000	19730	359	333	296	900	M33	130	32	2250	202	1589	
	700	7394000	21126											

● Sizes of clamping elements available from stock.

²⁾ DIN EN ISO 4014-12.9 for size 660 x 1020 to 800 x 1230