1 Technical data

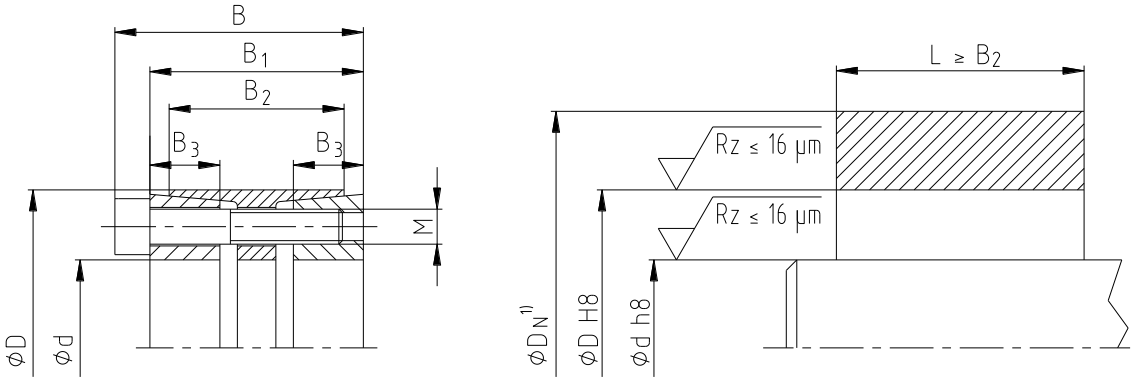

Illustration 1: CLAMPEX® KTR 401

Table 1:

Dimensions [mm]					Clamping screws DIN EN ISO 4762 - 12.9 μ_{total} = 0.12			Transmittable torque or axial force		Surface pressure between clamping set [N/mm²]		Weight ~ kg
d x D	B	B_1	B_2	B_3	M x l	z Number	T_A [Nm] 2)	T [Nm]	$F_{ax.}$ [kN]	Shaft P_W	Hub P_N	
70 x 110	72	62	50	20	M10x50	8	83	7270	207	197	125	2.30
75 x 115	72	62	50	20	M10x50	8	83	7780	207	183	120	2.40
80 x 120	72	62	50	20	M10x50	10	83	10350	258	214	143	2.50
85 x 125	72	62	50	20	M10x50	10	83	11000	258	202	137	2.70
90 x 130	72	62	50	20	M10x50	11	83	12800	284	210	145	2.80
95 x 135	72	62	50	20	M10x50	11	83	13500	284	198	140	2.90
100 x 145	84	72	60	24	M12x60	10	145	19400	388	214	148	4.00
110 x 155	84	72	60	24	M12x60	10	145	21400	389	195	139	4.40
120 x 165	84	72	60	24	M12x60	11	145	25600	426	196	143	4.70
130 x 180	94	82	65	27	M12x70	14	145	35400	544	206	149	6.30
140 x 190	94	82	65	27	M12x70	15	145	40800	582	205	151	6.70
150 x 200	94	82	65	27	M12x70	15	145	43700	582	191	143	7.10
160 x 210	94	82	65	27	M12x70	16	145	49800	622	191	146	7.60
170 x 225	107	93	78	32	M14x80	15	230	67500	794	194	146	10.50
180 x 235	107	93	78	32	M14x80	15	230	71500	794	183	140	11.00
190 x 250	119	105	88	38	M14x80	16	230	80500	847	156	118	14.20
200 x 260	119	105	88	38	M14x80	18	230	95000	950	166	128	14.80
220 x 285	127	111	96	41	M16x90	15	355	119000	1081	159	123	19.10
240 x 305	127	111	96	41	M16x90	20	355	173500	1445	195	153	20.50
260 x 325	127	111	96	41	M16x90	21	355	197500	1519	189	151	28.20
280 x 355	131	111	96	38	M20x90	15	690	236000	1685	210	166	27.60
300 x 375	131	111	96	38	M20x90	15	690	270000	1800	209	168	29.40
320 x 405	156	136	124	48	M20x110	20	690	360000	2250	194	154	43.30
340 x 425	156	136	124	48	M20x110	20	690	382000	2247	183	146	45.80
360 x 455	177	155	140	57.5	M22x130	20	930	501000	2783	178	141	63.70
380 x 475	177	155	140	57.5	M22x130	20	930	529000	2784	169	135	66.80
400 x 495	177	155	140	57.5	M22x130	22	930	613000	3065	177	143	69.80
420 x 515	177	155	140	57.5	M22x130	24	930	702000	3342	184	150	72.70
440 x 535	177	155	140	57.5	M22x130	24	930	735000	3340	175	144	75.90
460 x 555	177	155	140	57.5	M22x130	24	930	769000	3343	168	139	76.80
480 x 575	177	155	140	57.5	M22x130	25	930	835000	3479	167	140	82.20
500 x 595	177	155	140	57.5	M22x130	25	930	870000	3480	161	135	85.40
520 x 615	177	155	140	57.5	M22x130	28	930	1014000	3900	173	146	88.00
540 x 635	177	155	140	57.5	M22x130	28	930	1053000	3900	167	142	90.80
560 x 655	177	155	140	57.5	M22x130	30	930	1170000	4178	172	147	92.80
580 x 675	177	155	140	57.5	M22x130	30	930	1210000	4172	166	143	95.60
600 x 695	177	155	140	57.5	M22x130	30	930	1250000	4166	160	138	98.40

1) Dimension D_N: For calculation of hub see catalogue "Drive Technology"
2) These are the maximum screw tightening torques. They can be reduced by a maximum of 40 % of the figures specified, with T, F_{ax}, P_W and P_N declining proportionally.