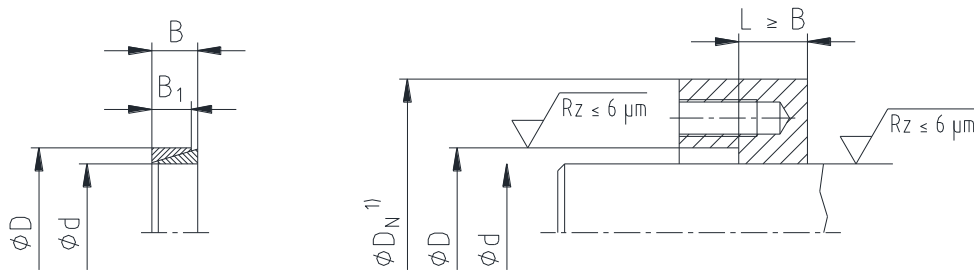



1 Technical data


1) Dimension D_N : For calculation of hub see catalogue "Drive Technology"

Tolerances for d and D
 $d \leq 38 \text{ mm} = d \text{ h6/D H7}$
 $d > 38 \text{ mm} = d \text{ h8/D H8}$

Illustration 1: CLAMPEX® KTR 150

Table 1: Technical data

Dimensions [mm]			Distance dimension A [mm]				Clamping screws clamping force required $\mu_{\text{total}} = 0.14$			Transmittable torque or axial force		Surface pressure between clamp- ing set [N/mm ²]		Weight ~ kg
d x D ¹⁾	B	B ₁	Clamping elements				P _O [kN]	P _S [kN]	P _A = P _O + P _S [kN]	T [Nm]	F _{ax} [kN]	Shaft P _W	Hub P _N	
			1	2	3	4								
6 x 9	4.5	3.7	3	3	3	4	**	3	3	2	0.6	80	53	0.0015
7 x 10	4.5	3.7	3	3	3	4	**	5	5	4	1	117	82	0.0014
8 x 11	4.5	3.7	3	3	3	4	**	6	6	5	1	112	81	0.0015
9 x 12	4.5	3.7	3	3	3	4	8	8	16	8	1	142	106	0.0017
10 x 13	4.5	3.7	3	3	3	4	7	9	16	10	2	143	110	0.0018
12 x 15	4.5	3.7	3	3	3	4	7	8	15	11	1	110	88	0.0022
13 x 16	4.5	3.7	3	3	3	4	6	10	16	13	2	110	90	0.0023
14 x 18	6.3	5.3	3	4	4	5	11	15	26	22	3	112	87	0.0049
15 x 19	6.3	5.3	3	4	4	5	11	15	26	25	3	111	88	0.0053
16 x 20	6.3	5.3	3	4	4	5	10	15	25	26	3	102	81	0.0055
17 x 21	6.3	5.3	3	4	4	5	10	16	26	30	3	104	84	0.0058
18 x 22	6.3	5.3	3	4	4	5	9	17	26	33	3	102	83	0.0061
19 x 24	6.3	5.3	3	4	4	5	13	19	32	40	4	111	88	0.0078
20 x 25	6.3	5.3	3	4	4	5	12	20	32	44	4	110	88	0.0082
22 x 26	6.3	5.3	3	4	4	5	9	21	30	50	4	103	87	0.0072
24 x 28	6.3	5.3	3	4	4	5	8	26	34	68	5	118	101	0.0079
25 x 30	6.3	5.3	3	4	4	5	10	27	37	75	6	120	100	0.01
28 x 32	6.3	5.3	3	4	4	5	7	30	37	90	6	115	101	0.009
30 x 35	6.3	5.3	3	4	4	5	8	31	39	100	6	111	95	0.012
32 x 36	6.3	5.3	3	4	4	5	8	34	42	120	7	117	104	0.01
35 x 40	7	6	3	4	4	5	13	42	55	160	9	115	101	0.02
36 x 42	7	6	4	5	5	6	15	43	58	170	9	116	99	0.02
38 x 44	7	6	4	5	5	6	14	46	60	190	10	116	100	0.02
40 x 45	8	6.6	4	5	5	6	14	53	67	230	11	116	103	0.02
42 x 48	8	6.6	4	5	5	6	16	57	73	260	12	118	104	0.03
45 x 52	10	8.6	4	5	5	6	26	80	106	390	17	119	103	0.05
48 x 55	10	8.6	4	5	5	6	25	82	107	430	17	115	100	0.05
50 x 57	10	8.6	4	5	5	6	24	86	110	470	18	116	102	0.05
55 x 62	10	8.6	4	5	5	6	22	97	119	580	21	118	105	0.05
56 x 64	12	10.4	4	5	5	6	29	122	151	740	26	120	105	0.07
60 x 68	12	10.4	4	5	6	7	27	129	156	840	28	119	105	0.07
63 x 71	12	10.4	4	5	6	7	26	134	160	920	29	118	105	0.08
65 x 73	12	10.4	4	5	6	7	25	142	167	1000	30	121	108	0.08
70 x 79	14	12.2	4	5	6	7	31	171	202	1300	37	115	102	0.11

¹⁾ Other sizes on request

** Slotted type

P_O = Setting force

P_S = Clamping force

P_A = Total force