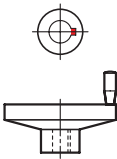
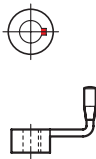


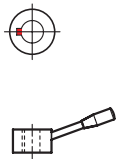
Positioning of the keyway:



Handwheels



Cranked handles



Control levers

d	b P9 / JS9 Hub keyway	b P9 / N9 Shaft keyway	h	$t_1 = d + t_2$	t_2	$t_3 = d - t_4$	t_4
6	2	2	2	7	1 +0.1	4.8	1.2 +0.1
7	2	2	2	8	1 +0.1	5.8	1.2 +0.1
8	2	2	2	9	1 +0.1	6.8	1.2 +0.1
9	3	3	3	10.4	1.4 +0.1	7.2	1.8 +0.1
10	3	3	3	11.4	1.4 +0.1	8.2	1.8 +0.1
11	4	4	4	12.8	1.8 +0.1	8.5	2.5 +0.1
12	4	4	4	13.8	1.8 +0.1	9.5	2.5 +0.1
13	5	5	5	15.3	2.3 +0.1	10	3 +0.1
14	5	5	5	16.3	2.3 +0.1	11	3 +0.1
15	5	5	5	17.3	2.3 +0.1	12	3 +0.1
16	5	5	5	18.3	2.3 +0.1	13	3 +0.1
17	5	5	5	19.3	2.3 +0.1	14	3 +0.1
18	6	6	6	20.8	2.8 +0.1	14.5	3.5 +0.1
20	6	6	6	22.8	2.8 +0.1	16.5	3.5 +0.1
22	6	6	6	24.8	2.8 +0.1	18.5	3.5 +0.1
24	8	8	7	27.3	3.3 +0.1	20	4 +0.2
25	8	8	7	28.3	3.3 +0.2	21	4 +0.2
26	8	8	7	29.3	3.3 +0.2	22	4 +0.2
28	8	8	7	31.3	3.3 +0.2	24	4 +0.2
30	8	8	7	33.3	3.3 +0.2	26	4 +0.2
32	10	10	8	35.3	3.3 +0.2	27	5 +0.2
34	10	10	8	37.3	3.3 +0.2	29	5 +0.2
35	10	10	8	38.3	3.3 +0.2	30	5 +0.2
36	10	10	8	39.3	3.3 +0.2	31	5 +0.2
38	10	10	8	41.3	3.3 +0.2	33	5 +0.2
40	12	12	8	43.3	3.3 +0.2	35	5 +0.2
42	12	12	8	45.3	3.3 +0.2	37	5 +0.2
44	12	12	8	47.3	3.3 +0.2	39	5 +0.2

Keyway width

P9 tight fit (standard design)
JS9 or N9 loose fit (requires written agreement)

see also...

- Keys DIN 6885