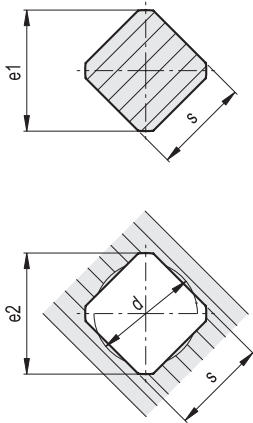
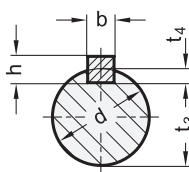
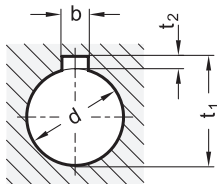


10.2 DIN 79 Square holes and shafts

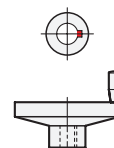


DIN 79 Square holes and shafts				
s H11/h11	d max.	e1 max.	e1 min.	e2 min.
4	4.2	5	4.8	5.3
5	5.3	6.5	6	6.6
5.5	5.8	7	6.6	7.2
6	6.3	8	7.2	8.1
7	7.3	9	8.4	9.1
8	8.4	10	9.6	10.1
9	9.5	12	10.8	12.1
10	10.5	13	12	13.1
11	11.6	14	13.2	14.1
12	12.6	16	14.4	16.1
13	13.7	17	15.6	17.1
14	14.7	18	16.8	18.1
16	16.8	21	19.2	21.2
17	17.9	22	20.4	22.2
19	20	25	22.8	25.2
22	23.1	28	26.4	28.2
24	25.3	32	28.8	32.2
27	28.4	36	32.4	36.2
30	31.7	40	36	40.2
32	33.7	42	38.4	42.2
36	38	48	43.3	48.2
41	43.2	54	49.3	54.2
46	48.5	60	55.2	60.2
50	52.7	65	60	65.2
55	57.9	72	66	72.2

10.3 DIN 6885/ UNI 6604 Keyways



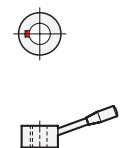
Positioning of the keyway:



Handwheels



Cranked handles



Control levers

DIN 6885/1 Keyways							
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

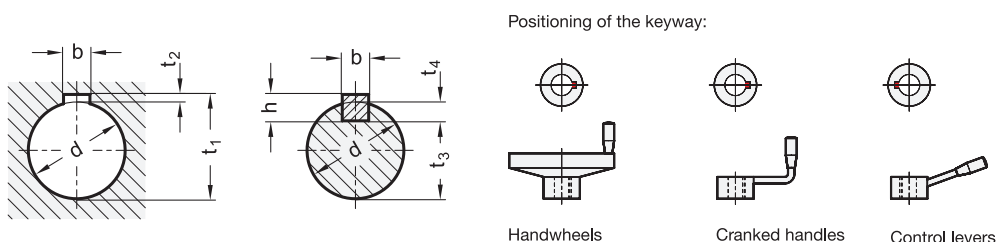
DIN 6885/1 Keyways							
d	b P9/JS9 Hub keyway	b P9/N9 Shaft keyway	h	t ₁ = d + t ₂	t ₂	t ₃ = d - t ₄	t ₄
32	10	10	8	35.3	3.3+0.2	27	5+0.2
34	10	10	8	37.3	3.3+0.2	29	5+0.2
35	10	10	8	38.3	3.3+0.2	30	5+0.2
36	10	10	8	39.3	3.3+0.2	31	5+0.2
38	10	10	8	41.3	3.3+0.2	33	5+0.2
40	12	12	8	43.3	3.3+0.2	35	5+0.2
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 (standard design)

Other tolerances / tolerance ranges must be specified separately and require a written agreement.



DIN 6885/2 Keyways							
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
11	4	4	4	12.1	1.1+0.1	8	3+0.1
12	4	4	4	13.1	1.1+0.1	9	3+0.1
13	5	5	5	14.3	1.3+0.1	9.2	3.8+0.1
14	5	5	5	15.3	1.3+0.1	10.2	3.8+0.1
15	5	5	5	16.3	1.3+0.1	11.2	3.8+0.1
16	5	5	5	17.3	1.3+0.1	12.2	3.8+0.1
17	5	5	5	18.3	1.3+0.1	13.2	3.8+0.1
18	6	6	6	19.7	1.7+0.1	13.6	4.4+0.1
20	6	6	6	21.7	1.7+0.1	15.6	4.4+0.1
22	6	6	6	23.7	1.7+0.1	17.6	4.4+0.1
24	8	8	7	25.7	1.7+0.1	18.6	5.4+0.2
25	8	8	7	26.7	1.7+0.1	19.6	5.4+0.2
26	8	8	7	27.7	1.7+0.2	20.6	5.4+0.2
28	8	8	7	29.7	1.7+0.2	22.6	5.4+0.2
30	8	8	7	31.7	1.7+0.2	24.6	5.4+0.2
32	10	10	8	34.1	2.1+0.2	26	6+0.2
34	10	10	8	36.1	2.1+0.2	28	6+0.2
35	10	10	8	37.1	2.1+0.2	29	6+0.2
36	10	10	8	38.1	2.1+0.2	30	6+0.2
38	10	10	8	40.1	2.1+0.2	32	6+0.2
40	12	12	8	42.1	2.1+0.2	34	6+0.2
42	12	12	8	44.1	2.1+0.2	36	6+0.2
44	12	12	8	46.1	2.1+0.2	38	6+0.2
45	14	14	9	47.6	2.6+0.2	38.5	6.5+0.2
46	14	14	9	48.6	2.6+0.2	39.5	6.5+0.2
48	14	14	9	50.6	2.6+0.2	41.5	6.5+0.2
50	14	14	9	52.6	2.6+0.2	43.5	6.5+0.2

* This DIN standard sheet has been withdrawn without replacement in 2008-10.

Products with reference to this norm will continue to be manufactured according to the stated norm.

Keyway width

P9 tight fit (standard design)

JS9 or N9 loose fit (standard design)

Other tolerances / tolerance ranges must be specified separately and require a written agreement.