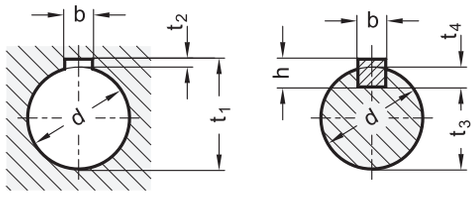
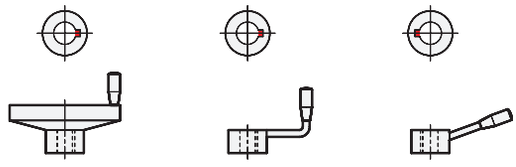


Positioning of the keyway for:



Handwheels | Crank handles | Control levers

Metric table

Dimensions in: millimeters - *inches*

d	b* P9 / JS9 / D10 Hub keyway	b* P9 / N9 / H9 Shaft keyseat	h	t_1 = d + t_2	t_2**	t_3 = d – t_4	t_4
11 *0.43*	4 *0.16*	4 *0.16*	4 *0.16*	12.1 *0.48*	1.1 +0.1 *0.04 +0.004*	8 *0.31*	3 +0.1 *0.12 +0.004*
12 *0.47*	4 *0.16*	4 *0.16*	4 *0.16*	13.1 *0.52*	1.1 +0.1 *0.04 +0.004*	9 *0.35*	3 +0.1 *0.12 +0.004*
13 *0.51*	5 *0.20*	5 *0.20*	5 *0.20*	14.3 *0.56*	1.3 +0.1 *0.05 +0.004*	9.2 *0.36*	3.8 +0.1 *0.15 +0.004*
14 *0.55*	5 *0.20*	5 *0.20*	5 *0.20*	15.3 *0.60*	1.3 +0.1 *0.05 +0.004*	10.2 *0.40*	3.8 +0.1 *0.15 +0.004*
15 *0.59*	5 *0.20*	5 *0.20*	5 *0.20*	16.3 *0.64*	1.3 +0.1 *0.05 +0.004*	11.2 *0.44*	3.8 +0.1 *0.15 +0.004*
16 *0.63*	5 *0.20*	5 *0.20*	5 *0.20*	17.3 *0.68*	1.3 +0.1 *0.05 +0.004*	12.2 *0.48*	3.8 +0.1 *0.15 +0.004*
17 *0.67*	5 *0.20*	5 *0.20*	5 *0.20*	18.3 *0.72*	1.3 +0.1 *0.05 +0.004*	13.2 *0.52*	3.8 +0.1 *0.15 +0.004*
18 *0.71*	6 *0.24*	6 *0.24*	6 *0.24*	19.7 *0.78*	1.7 +0.1 *0.07 +0.004*	13.6 *0.54*	4.4 +0.1 *0.17 +0.004*
20 *0.79*	6 *0.24*	6 *0.24*	6 *0.24*	21.7 *0.85*	1.7 +0.1 *0.07 +0.004*	15.6 *0.61*	4.4 +0.1 *0.17 +0.004*
22 *0.87*	6 *0.24*	6 *0.24*	6 *0.24*	23.7 *0.93*	1.7 +0.1 *0.07 +0.004*	17.6 *0.69*	4.4 +0.1 *0.17 +0.004*
24 *0.94*	8 *0.31*	8 *0.31*	7 *0.28*	25.7 *1.01*	1.7 +0.1 *0.07 +0.004*	18.6 *0.73*	5.4 +0.2 *0.21 +0.008*
25 *0.98*	8 *0.31*	8 *0.31*	7 *0.28*	26.7 *1.05*	1.7 +0.1 *0.07 +0.004*	19.6 *0.77*	5.4 +0.2 *0.21 +0.008*
26 *1.02*	8 *0.31*	8 *0.31*	7 *0.28*	27.7 *1.09*	1.7 +0.2 *0.07 +0.008*	20.6 *0.81*	5.4 +0.2 *0.21 +0.008*
28 *1.10*	8 *0.31*	8 *0.31*	7 *0.28*	29.7 *1.17*	1.7 +0.2 *0.07 +0.008*	22.6 *0.89*	5.4 +0.2 *0.21 +0.008*

d	b* P9 / JS9 / D10 Hub keyway	b* P9 / N9 / H9 Shaft keyseat	h	t_1 = d + t_2	t_2**	t_3 = d – t_4	t_4
30 *1.18*	8 *0.31*	8 *0.31*	7 *0.28*	31.7 *1.25*	1.7 +0.2 *0.07 +0.008*	24.6 *0.97*	5.4 +0.2 *0.21 +0.008*
32 *1.26*	10 *0.39*	10 *0.39*	8 *0.31*	34.1 *1.34*	2.1 +0.2 *0.08 +0.008*	26 *1.02*	6 +0.2 *0.24 +0.008*
34 *1.34*	10 *0.39*	10 *0.39*	8 *0.31*	36.1 *1.42*	2.1 +0.2 *0.08 +0.008*	28 *1.10*	6 +0.2 *0.24 +0.008*
35 *1.38*	10 *0.39*	10 *0.39*	8 *0.31*	37.1 *1.46*	2.1 +0.2 *0.08 +0.008*	29 *1.14*	6 +0.2 *0.24 +0.008*
36 *1.42*	10 *0.39*	10 *0.39*	8 *0.31*	38.1 *1.50*	2.1 +0.2 *0.08 +0.008*	30 *1.18*	6 +0.2 *0.24 +0.008*
38 *1.50*	10 *0.39*	10 *0.39*	8 *0.31*	40.1 *1.58*	2.1 +0.2 *0.08 +0.008*	32 *1.26*	6 +0.2 *0.24 +0.008*
40 *1.57*	12 *0.47*	12 *0.47*	8 *0.31*	42.1 *1.66*	2.1 +0.2 *0.08 +0.008*	34 *1.34*	6 +0.2 *0.24 +0.008*
42 *1.65*	12 *0.47*	12 *0.47*	8 *0.31*	44.1 *1.74*	2.1 +0.2 *0.08 +0.008*	36 *1.42*	6 +0.2 *0.24 +0.008*
44 *1.73*	12 *0.47*	12 *0.47*	8 *0.31*	46.1 *1.81*	2.1 +0.2 *0.08 +0.008*	38 *1.50*	6 +0.2 *0.24 +0.008*
45 *1.77*	14 *0.55*	14 *0.55*	9 *0.35*	47.6 *1.87*	2.6 +0.2 *0.10 +0.008*	38.5 *1.52*	6.5 +0.2 *0.26 +0.008*
46 *1.81*	14 *0.55*	14 *0.55*	9 *0.35*	48.6 *1.91*	2.6 +0.2 *0.10 +0.008*	39.5 *1.56*	6.5 +0.2 *0.26 +0.008*
48 *1.89*	14 *0.55*	14 *0.55*	9 *0.35*	50.6 *1.99*	2.6 +0.2 *0.10 +0.008*	41.5 *1.63*	6.5 +0.2 *0.26 +0.008*
50 *1.97*	14 *0.55*	14 *0.55*	9 *0.35*	52.6 *2.07*	2.6 +0.2 *0.10 +0.008*	43.5 *1.71*	6.5 +0.2 *0.26 +0.008*

* The slot width is typically P9, exceptions are indicated on the respective standard sheet.
** For rear clearance

Information

DIN 6885 page 1 and age 2 differ mainly in the radial position of the parallel key (see sketch).

Depending on the slot width tolerance, the following fit or seating results in combination with the parallel key:

Tolerance	**b** Hub keyway	**b** Shaft keyway
for tight fit	P9	P9
for loose fit	JS9	N9
for sliding	D10	H9