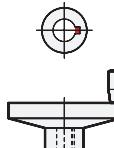Positioning of the keyway for:

Handwheels · Crank handles · Control levers / Gear 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*
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 6885-1 and DIN6885-2 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

6885-1 · 6885-2