



**Metric table**

Dimensions in: millimeters - inches

d	b P9 / JS9 Hub keyway	b P9 / N9 Shaft keyseat	h	t <sub>1</sub> = d + t <sub>2</sub>	t <sub>2</sub>	t <sub>3</sub> = d - t <sub>4</sub>	t <sub>4</sub>
11	4	4	4	12.1 0.48	1.1 +0.1 0.04 +0.004	8 0.31	3 +0.1 0.12 +0.004
12	4	4	4	13.1 0.52	1.1 +0.1 0.04 +0.004	9 0.35	3 +0.1 0.12 +0.004
13	5	5	5	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	5	5	5	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	5	5	5	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	5	5	5	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	5	5	5	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	6	6	6	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	6	6	6	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	6	6	6	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	8	8	7	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	8	8	7	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	8	8	7	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	8	8	7	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 Hub keyway	b P9 / N9 Shaft keyseat	h	t <sub>1</sub> = d + t <sub>2</sub>	t <sub>2</sub>	t <sub>3</sub> = d - t <sub>4</sub>	t <sub>4</sub>
30	8	8	7	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	10	10	8	34.1 1.34	2.1 +0.2 0.08 +0.008	26 1.02	6 +0.2 0.24 +0.008
34	10	10	8	36.1 1.42	2.1 +0.2 0.08 +0.008	28 1.10	6 +0.2 0.24 +0.008
35	10	10	8	37.1 1.46	2.1 +0.2 0.08 +0.008	29 1.14	6 +0.2 0.24 +0.008
36	10	10	8	38.1 1.50	2.1 +0.2 0.08 +0.008	30 1.18	6 +0.2 0.24 +0.008
38	10	10	8	40.1 1.58	2.1 +0.2 0.08 +0.008	32 1.26	6 +0.2 0.24 +0.008
40	12	12	8	42.1 1.66	2.1 +0.2 0.08 +0.008	34 1.34	6 +0.2 0.24 +0.008
42	12	12	8	44.1 1.74	2.1 +0.2 0.08 +0.008	36 1.42	6 +0.2 0.24 +0.008
44	12	12	8	46.1 1.81	2.1 +0.2 0.08 +0.008	38 1.50	6 +0.2 0.24 +0.008
45	14	14	9	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	14	14	9	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	14	14	9	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	14	14	9	52.6 2.07	2.6 +0.2 0.10 +0.008	43.5 1.71	6.5 +0.2 0.26 +0.008

\*In 2008-10, this DIN standard sheet was withdrawn without replacement. Products with reference to this standard will continue to be manufactured according to it.

**Information**

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.

see also...

• Parallel Keys DIN 6885 → [www.jwwinco.com](http://www.jwwinco.com)

