

Tolerances in μm

Tolerance classes for bore	Nominal sizes									
	– ... 3	> 3 ... 6	> 6 ... 10	> 10 ... 18	> 18 ... 30	> 30 ... 50	> 50 ... 80	> 80 ... 120	> 120 ... 180	> 180 ... 250
D 9	+ 45 + 20	+ 60 + 30	+ 76 + 40	+ 93 + 50	+ 117 + 65	+ 142 + 80	+ 174 + 100	+ 207 + 120	+ 245 + 145	+ 285 + 170
D 12	+ 120 + 20	+ 150 + 30	+ 190 + 40	+ 230 + 50	+ 275 + 65	+ 330 + 80	+ 400 + 100	+ 470 + 120	+ 545 + 145	+ 630 + 170
E 8	+ 28 + 14	+ 38 + 20	+ 47 + 25	+ 59 + 32	+ 73 + 40	+ 89 + 50	+ 106 + 60	+ 126 + 72	+ 148 + 85	+ 172 + 100
G 6	+ 8 + 2	+ 12 + 4	+ 14 + 5	+ 17 + 6	+ 20 + 7	+ 25 + 9	+ 29 + 10	+ 34 + 12	+ 39 + 14	+ 44 + 15
G 7	+ 12 + 2	+ 16 + 4	+ 20 + 5	+ 24 + 6	+ 28 + 7	+ 34 + 9	+ 40 + 10	+ 47 + 12	+ 54 + 14	+ 61 + 15
H 7	+ 10 0	+ 12 0	+ 15 0	+ 18 0	+ 21 0	+ 25 0	+ 30 0	+ 35 0	+ 40 0	+ 46 0
H 8	+ 14 0	+ 18 0	+ 22 0	+ 27 0	+ 33 0	+ 39 0	+ 46 0	+ 54 0	+ 63 0	+ 72 0
H 9	+ 25 0	+ 30 0	+ 36 0	+ 43 0	+ 52 0	+ 62 0	+ 74 0	+ 87 0	+ 100 0	+ 115 0
H 11	+ 60 0	+ 75 0	+ 90 0	+ 110 0	+ 130 0	+ 160 0	+ 190 0	+ 220 0	+ 250 0	+ 290 0
H 12	+ 100 0	+ 120 0	+ 150 0	+ 180 0	+ 210 0	+ 250 0	+ 300 0	+ 350 0	+ 400 0	+ 460 0
H 14	+ 250 0	+ 300 0	+ 360 0	+ 430 0	+ 520 0	+ 620 0	+ 740 0	+ 870 0	+ 1000 0	+ 1150 0
JS 9	± 12,5	± 15	± 18	± 21,5	± 26	± 31	± 37	± 43,5	± 50	± 57,5
N 9	– 4 – 29	– 0 – 30	– 0 – 36	– 0 – 43	– 0 – 52	– 0 – 62	– 0 – 74	– 0 – 87	– 0 – 100	– 0 – 115
P 9	– 6 – 31	– 12 – 42	– 15 – 51	– 18 – 61	– 22 – 74	– 26 – 88	– 32 – 106	– 37 – 124	– 43 – 143	– 50 – 165
for shaft										
h 6	– 0 – 6	– 0 – 8	– 0 – 9	– 0 – 11	– 0 – 13	– 0 – 16	– 0 – 19	– 0 – 22	– 0 – 25	– 0 – 29
h 7	– 0 – 10	– 0 – 12	– 0 – 15	– 0 – 18	– 0 – 21	– 0 – 25	– 0 – 30	– 0 – 35	– 0 – 40	– 0 – 46
h 8	– 0 – 14	– 0 – 18	– 0 – 22	– 0 – 27	– 0 – 33	– 0 – 39	– 0 – 46	– 0 – 54	– 0 – 63	– 0 – 72
h 9	– 0 – 25	– 0 – 30	– 0 – 36	– 0 – 43	– 0 – 52	– 0 – 62	– 0 – 74	– 0 – 87	– 0 – 100	– 0 – 115
h 11	– 0 – 60	– 0 – 75	– 0 – 90	– 0 – 110	– 0 – 130	– 0 – 160	– 0 – 190	– 0 – 220	– 0 – 250	– 0 – 290
h 13	– 0 – 140	– 0 – 180	– 0 – 220	– 0 – 270	– 0 – 330	– 0 – 390	– 0 – 460	– 0 – 540	– 0 – 630	– 0 – 720
h 14	– 0 – 250	– 0 – 300	– 0 – 360	– 0 – 430	– 0 – 520	– 0 – 620	– 0 – 740	– 0 – 870	– 0 – 1000	– 0 – 1150
js 14	± 125	± 150	± 180	± 215	± 260	± 310	± 370	± 435	± 500	± 575
p 6	+ 12 + 6	+ 20 + 12	+ 24 + 15	+ 29 + 18	+ 35 + 22	+ 42 + 26	+ 51 + 32	+ 59 + 37	+ 68 + 43	+ 79 + 50