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DIN ISO 286

Auszug Teil 2

ISO-Passungen für Bohrungen

Toleranz-klassen f. Bohrung	Nennmassbereich – ... 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
F 7	+ 16 + 6	+ 22 + 10	+ 28 + 13	+ 34 + 16	+ 41 + 20	+ 50 + 25	+ 60 + 30	+ 71 + 36	+ 83 + 43	+ 96 + 50
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 13	+140 0	+180 0	+220 0	+270 0	+330 0	+390 0	+460 0	+540 0	+630 0	+720 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 – 12,5	+ 15 – 15	+ 18 – 18	+ 21,5 – 21,5	+ 26 – 26	+ 31 – 31	+ 37 – 37	+ 43,5 – 43,5	+ 50 – 50	+ 57,5 – 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

Toleranzen in µm

DIN ISO 286

Auszug Teil 2

ISO-Passungen für Wellen

Toleranz-klassen f. Bohrung	Nennmassbereich – ... 3	> 3 ... 6	> 6 ... 10	> 10 ... 18	> 18 ... 30	> 30 ... 50	> 50 ... 80	> 80 ... 120	> 120 ... 180	> 180 ... 250
f 7	– 6 – 16	– 10 – 22	– 13 – 28	– 16 – 34	– 20 – 41	– 25 – 50	– 30 – 60	– 36 – 71	– 43 – 83	– 50 – 96
f 9	– 6 – 31	– 10 – 40	– 13 – 49	– 16 – 59	– 20 – 72	– 25 – 87	– 30 –104	– 36 –123	– 43 –143	– 50 –165
g 6	– 2 – 8	– 4 – 12	– 5 – 14	– 6 – 17	– 7 – 20	– 9 – 25	– 10 – 29	– 12 – 34	– 14 – 39	– 15 – 44
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 –125	+150 –150	+180 –180	+215 –215	+260 –260	+310 –310	+370 –370	+435 –435	+500 –500	+575 –575
n 6	+ 10 + 4	+ 16 + 8	+ 19 + 10	+ 23 + 12	+ 28 + 15	+ 33 + 17	+ 39 + 20	+ 45 + 23	+ 52 + 27	+ 60 + 31
p 6	+ 12 + 6	+ 20 + 12	+ 24 + 15	+ 29 + 18	+ 35 + 22	+ 42 + 26	+ 51 + 32	+ 59 + 37	+ 68 + 43	+ 79 + 50

Toleranzen in µm