

# Tolerance tables

## Inner dimensions

Nominal size range (mm)	Dimensions ( $\mu\text{m}$ ) = 0.001 mm															
	G7	H5	H6	H7	H8	H11	H12	H13	JS6	JS7	JS14	K6	K7	M6	M7	P9
> 3	+16	+5	+8	+12	+18	+75	+120	+180	+4	+6	+150	+2	+3	-1	0	-12
≤ 6	+4	0	0	0	0	0	0	0	-4	-6	-150	-6	-9	-9	-12	-42
> 6	+20	+6	+9	+15	+22	+90	+150	+220	+4.5	+7.5	+180	+2	+5	-3	0	-15
≤ 10	+5	0	0	0	0	0	0	0	-4.5	-7.5	-180	-7	-10	-12	-15	-51
> 10	+24	+8	+11	+18	+27	+110	+180	+270	+5.5	+9	+215	+2	+6	-4	0	-18
≤ 18	+6	0	0	0	0	0	0	0	-5.5	-9	-215	-9	-12	-15	-18	-61
> 18	+28	+9	+13	+21	+33	+130	+210	+330	+6.5	+10.5	+260	+2	+6	-4	0	-22
≤ 30	+7	0	0	0	0	0	0	0	-6.5	-10.5	-260	-11	-15	-17	-21	-74
> 30	+34	+11	+16	+25	+39	+160	+250	+390	+8	+12.5	+310	+3	+7	-4	0	-26
≤ 50	+9	0	0	0	0	0	0	0	-8	-12.5	-310	-13	-18	-20	-25	-88
> 50	+40	+13	+19	+30	+46	+190	+300	+460	+9.5	+15	+370	+4	+9	-5	0	-32
≤ 80	+10	0	0	0	0	0	0	0	-9.5	-15	-370	-15	-21	-24	-30	-106
> 80	+47	+15	+22	+35	+54	+220	+350	+540	+11	+17.5	+435	+4	+10	-6	0	-37
≤ 120	+12	0	0	0	0	0	0	0	-11	-17.5	-435	-18	-25	-28	-35	-124
> 120	+54	+18	+25	+40	+63	+250	+400	+630	+12.5	+20	+500	+4	+12	-8	0	-43
≤ 180	+14	0	0	0	0	0	0	0	-12.5	-20	-500	-21	-28	-33	-40	-143
> 180	+61	+20	+29	+46	+72	+290	+460	+720	+14.5	+23	+575	+5	+13	-8	0	-50
≤ 250	+15	0	0	0	0	0	0	0	-14.5	-23	-575	-24	-33	-37	-46	-165

## Outer dimensions

Nominal size range (mm)	Dimensions ( $\mu\text{m}$ ) = 0.001 mm															
	g7	h5	h6	h7	h8	h11	h12	h13	js6	js7	js14	k6	k7	m6	m7	p9
> 3	-4	0	0	0	0	0	0	0	+4	+6	+150	+9	+13	+12	+16	+42
≤ 6	-16	-5	-8	-12	-18	-75	-120	-180	-4	-6	-150	+1	+1	+4	+4	+12
> 6	-5	0	0	0	0	0	0	0	+4.5	+7.5	+180	+10	+16	+15	+21	+51
≤ 10	-20	-6	-9	-15	-22	-90	-150	-220	-4.5	-7.5	-180	+1	+1	+6	+6	+15
> 10	-6	0	0	0	0	0	0	0	+5.5	+9	+215	+12	+19	+18	+25	+61
≤ 18	-24	-8	-11	-18	-27	-110	-180	-270	-5.5	-9	-215	+1	+1	+7	+7	+18
> 18	-7	0	0	0	0	0	0	0	+6.5	+10.5	+260	+15	+23	+21	+29	-
≤ 30	-28	-9	-13	-21	-33	-130	-210	-330	-6.5	-10.5	-260	+2	+2	+8	+8	-
> 30	-9	0	0	0	0	0	0	0	+8	+12.5	+310	+18	+27	+25	+34	-
≤ 50	-34	-11	-16	-25	-39	-160	-250	-390	-8	-12.5	-310	+2	+2	+9	+9	-
> 50	-10	0	0	0	0	0	0	0	+9.5	+15	+370	+21	+32	+30	+41	-
≤ 80	-40	-13	-19	-30	-46	-190	-300	-460	-9.5	-15	-370	+2	+2	+11	+11	-
> 80	-12	0	0	0	0	0	0	0	+11	+17.5	+435	+25	+38	+35	+48	-
≤ 120	-47	-15	-22	-35	-54	-220	-350	-540	-11	-17.5	-435	+3	+3	+13	+13	-
> 120	-14	0	0	0	0	0	0	0	+12.5	+20	+500	+28	+43	+40	+55	-
≤ 180	-54	-18	-25	-40	-63	-250	-400	-630	-12.5	-20	-500	+3	+3	+15	+15	-
> 180	-15	0	0	0	0	0	0	0	+14.5	+23	+575	+33	+50	+46	+63	-
≤ 250	-61	-20	-29	-46	-72	-290	-460	-720	-14.5	-23	-575	+4	+4	+17	+17	-