

Hole dimensional tolerances for regularly used fitting

Hole diameter mm	Hole tolerance range class	Hole tolerance range class																				Units: μ m																
		B10	C9	C8	D4	D9	D10	E7	E8	E9	F6	F7	F8	G6	G7	H6	H7	H8	H9	H10	J55	J57	K6	K7	M6	M7	N6	N7	P6	P7	R7	R7	S7	T7	U7	X7	X7	
3	+160	+85	+100	+34	+45	+60	+24	+28	+39	+12	+16	+20	+8	+12	+6	+10	+14	+25	+40	±3	±5	0	0	-2	-2	0	-2	-4	-6	-6	-10	-14	-18	-20	-20	-24	-28	-30
6	+188	+100	+118	+48	+60	+78	+32	+38	+50	+18	+22	+28	+12	+16	+8	+12	+18	+30	+48	±6	±6	+2	+3	-1	0	-5	-4	-9	-8	-11	-15	-19	-24	-24	-28	-31	-36	-36
10	+208	+116	+138	+62	+76	+98	+40	+47	+61	+22	+28	+35	+14	+20	+9	+15	+22	+36	+58	±7	±7	+2	+5	-3	-7	-4	-12	-9	-13	-17	-22	-28	-28	-33	-37	-43	-43	
14	+220	+138	+165	+77	+93	+120	+50	+59	+75	+27	+34	+43	+17	+24	+11	+18	+27	+43	+70	±9	±9	+2	+6	-4	-9	-5	-15	-11	-16	-21	-26	-33	-33	-40	-46	-51	-56	
18	+244	+162	+194	+98	+117	+149	+61	+73	+92	+33	+41	+53	+20	+28	+13	+21	+33	+52	+84	±10	±10	+2	+6	-4	-9	-5	-15	-11	-16	-21	-26	-33	-33	-40	-46	-51	-56	
24	+270	+180	+210	+110	+130	+165	+65	+80	+100	+40	+50	+60	+20	+27	+7	0	0	0	0	±16.5	±10	±11	-11	-15	-17	-21	-24	-28	-31	-35	-41	-48	-54	-61	-67	-77		
30	+300	+224	+270	+140	+160	+200	+70	+85	+110	+50	+60	+70	+20	+27	+7	0	0	0	0	±16.5	±10	±11	+3	+7	-4	-9	-5	-15	-11	-16	-21	-26	-33	-33	-40	-46	-51	-56
40	+360	+264	+320	+160	+180	+230	+80	+95	+125	+60	+70	+80	+25	+35	+9	+9	0	0	0	±16.5	±10	±11	+3	+7	-4	-9	-5	-15	-11	-16	-21	-26	-33	-33	-40	-46	-51	-56
50	+420	+324	+390	+180	+210	+270	+90	+105	+140	+70	+80	+90	+30	+40	+10	+10	0	0	0	±16.5	±10	±11	+4	+9	-5	-10	-6	-14	-9	-14	-19	-24	-29	-34	-39	-44	-48	-56
65	+500	+360	+450	+210	+240	+330	+100	+120	+160	+80	+90	+100	+40	+50	+10	+10	0	0	0	±16.5	±10	±11	+4	+9	-5	-10	-6	-14	-9	-14	-19	-24	-29	-34	-39	-44	-48	-56
80	+560	+400	+510	+240	+270	+370	+110	+135	+180	+90	+100	+110	+50	+60	+10	+10	0	0	0	±16.5	±10	±11	+4	+9	-5	-10	-6	-14	-9	-14	-19	-24	-29	-34	-39	-44	-48	-56
100	+630	+450	+580	+270	+300	+410	+120	+150	+200	+100	+110	+120	+60	+70	+10	+10	0	0	0	±16.5	±10	±11	+4	+9	-5	-10	-6	-14	-9	-14	-19	-24	-29	-34	-39	-44	-48	-56
120	+720	+510	+660	+300	+330	+450	+130	+165	+220	+110	+120	+130	+70	+80	+10	+10	0	0	0	±16.5	±10	±11	+4	+9	-5	-10	-6	-14	-9	-14	-19	-24	-29	-34	-39	-44	-48	-56
140	+810	+570	+750	+330	+360	+490	+140	+180	+240	+120	+130	+140	+80	+90	+10	+10	0	0	0	±16.5	±10	±11	+4	+9	-5	-10	-6	-14	-9	-14	-19	-24	-29	-34	-39	-44	-48	-56
160	+900	+630	+840	+360	+390	+530	+150	+200	+270	+130	+140	+150	+90	+100	+10	+10	0	0	0	±16.5	±10	±11	+4	+9	-5	-10	-6	-14	-9	-14	-19	-24	-29	-34	-39	-44	-48	-56
180	+1000	+700	+930	+390	+420	+580	+160	+210	+290	+140	+150	+160	+100	+110	+10	+10	0	0	0	±16.5	±10	±11	+4	+9	-5	-10	-6	-14	-9	-14	-19	-24	-29	-34	-39	-44	-48	-56
200	+1110	+780	+1050	+420	+450	+630	+170	+230	+320	+150	+160	+170	+110	+120	+10	+10	0	0	0	±16.5	±10	±11	+4	+9	-5	-10	-6	-14	-9	-14	-19	-24	-29	-34	-39	-44	-48	-56
225	+1250	+870	+1170	+450	+480	+680	+180	+250	+350	+160	+170	+180	+120	+130	+10	+10	0	0	0	±16.5	±10	±11	+4	+9	-5	-10	-6	-14	-9	-14	-19	-24	-29	-34	-39	-44	-48	-56
250	+1410	+960	+1300	+480	+510	+720	+190	+260	+370	+170	+180	+190	+130	+140	+10	+10	0	0	0	±16.5	±10	±11	+4	+9	-5	-10	-6	-14	-9	-14	-19	-24	-29	-34	-39	-44	-48	-56
280	+1590	+1080	+1460	+510	+540	+780	+200	+280	+400	+180	+190	+200	+140	+150	+10	+10	0	0	0	±16.5	±10	±11	+4	+9	-5	-10	-6	-14	-9	-14	-19	-24	-29	-34	-39	-44	-48	-56
315	+1800	+1260	+1680	+540	+570	+840	+210	+300	+430	+190	+200	+210	+150	+160	+10	+10	0	0	0	±16.5	±10	±11	+4	+9	-5	-10	-6	-14	-9	-14	-19	-24	-29	-34	-39	-44	-48	-56
355	+2070	+1440	+1920	+570	+600	+900	+220	+320	+460	+200	+210	+220	+160	+170	+10	+10	0	0	0	±16.5	±10	±11	+4	+9	-5	-10	-6	-14	-9	-14	-19	-24	-29	-34	-39	-44	-48	-56
400	+2370	+1620	+2160	+600	+630	+960	+230	+340	+490	+210	+220	+230	+170	+180	+10	+10	0	0	0	±16.5	±10	±11	+4	+9	-5	-10	-6	-14	-9	-14	-19	-24	-29	-34	-39	-44	-48	-56
450	+2700	+1800	+2430	+630	+660	+1000	+240	+360	+510	+220	+230	+240	+180	+190	+10	+10	0	0	0	±16.5	±10	±11	+4	+9	-5	-10	-6	-14	-9	-14	-19	-24	-29	-34	-39	-44	-48	-56
500	+3060	+2000	+2700	+660	+690	+1080	+250	+380	+540	+230	+240	+250	+190	+200	+10	+10	0	0	0	±16.5	±10	±11	+4	+9	-5	-10	-6	-14	-9	-14	-19	-24	-29	-34	-39	-44	-48	-56

Note: In each column, the upper figure is the upper dimensional tolerance, and the lower figure is the lower dimensional tolerance.