

常用配合中孔的尺寸公差

基准尺寸 的分类 (mm)	孔的公差带																			单位 μm																	
	B10	C9	C10	D8	D9	D10	E7	E8	E9	F6	F7	F8	G6	G7	H6	H7	H8	H9	H10		JS6	JS7	K6	K7	M6	M7	N6	N7	P6	P7	R7	S7	T7	U7	X7		
3	+180	+85	+100	+34	+45	+60	+24	+28	+39	+12	+16	+20	+8	+12	+6	+10	+14	+25	+40	±3	±5	0	0	-2	-2	-4	-4	-6	-10	-14	-6	-10	-14	-18	-20		
6	+140	+60	+60	+20	+20	+20	+14	+14	+14	+6	+6	+6	+2	+2	+2	0	0	0	±3	±4	±6	-6	-10	-8	-12	-10	-14	-12	-16	-20	-24	-18	-20	-24	-30		
10	+188	+100	+118	+48	+60	+78	+32	+38	+50	+18	+22	+28	+12	+16	+8	+12	+18	+30	+48	±4	±6	+2	+3	-1	0	-5	-4	-9	-8	-11	-15	-19	-24	-19	-24	-36	
14	+208	+116	+138	+62	+76	+98	+40	+47	+61	+20	+28	+35	+14	+20	+9	+15	+22	+36	+58	±7	±10	+2	+5	-3	0	-7	-4	-12	-9	-13	-17	-22	-28	-32	-43	-48	
20	+150	+80	+80	+40	+40	+40	+25	+25	+25	+13	+13	+13	+5	+5	+5	0	0	0	±4.5	±5.5	±9	+2	+6	-4	0	-9	-5	-15	-11	-16	-21	-26	-34	-39	-44	-48	
30	+220	+138	+165	+77	+93	+120	+50	+59	+75	+27	+34	+43	+17	+24	+11	+18	+27	+43	+70	±8	±12	+3	+7	-4	0	-12	-8	-21	-17	-25	-34	-44	-51	-56	-61	-66	
40	+150	+95	+95	+50	+50	+50	+32	+32	+32	+16	+16	+16	+6	+6	+6	0	0	0	±6.5	±10	±12	+2	+6	-4	0	-11	-7	-18	-14	-20	-27	-33	-41	-48	-54	-61	-66
50	+244	+162	+194	+98	+117	+149	+61	+73	+92	+33	+41	+53	+20	+28	+13	+21	+33	+52	+84	±10	±15	+2	+6	-4	0	-11	-7	-18	-14	-20	-27	-33	-41	-48	-54	-61	-66
60	+160	+110	+110	+65	+65	+65	+40	+40	+40	+20	+20	+20	+7	+7	+7	0	0	0	±6.5	±10	±12	+2	+6	-4	0	-11	-7	-18	-14	-20	-27	-33	-41	-48	-54	-61	-66
80	+270	+182	+220	+119	+142	+180	+75	+89	+112	+41	+50	+64	+25	+34	+16	+25	+39	+62	+100	±8	±12	+3	+7	-4	0	-12	-8	-21	-17	-25	-34	-44	-51	-56	-61	-66	
100	+280	+192	+230	+80	+80	+80	+50	+50	+50	+25	+25	+25	+9	+9	+9	0	0	0	±8	±12	±16	+4	+12	-8	0	-20	-12	-36	-28	-50	-85	-119	-159	-199	-240	-280	
120	+240	+130	+130	+80	+80	+80	+40	+40	+40	+20	+20	+20	+7	+7	+7	0	0	0	±12.5	±20	±26	+4	+12	-8	0	-20	-12	-36	-28	-50	-85	-119	-159	-199	-240	-280	
140	+310	+214	+260	+140	+140	+140	+90	+106	+134	+49	+60	+76	+29	+40	+19	+30	+46	+74	+120	±9.5	±15	+4	+9	-5	0	-14	-9	-26	-21	-60	-72	-85	-106	-126	-146	-166	-186
160	+320	+224	+270	+100	+100	+100	+60	+60	+60	+30	+30	+30	+10	+10	+10	0	0	0	±11	±17	±23	+4	+10	-6	0	-16	-10	-30	-24	-73	-93	-113	-146	-166	-186	-206	-226
180	+360	+257	+310	+174	+207	+260	+107	+126	+159	+58	+71	+90	+34	+47	+22	+35	+54	+87	+140	±11	±17	+4	+10	-6	0	-16	-10	-30	-24	-73	-93	-113	-146	-166	-186	-206	-226
200	+380	+267	+320	+120	+120	+120	+72	+72	+72	+36	+36	+36	+12	+12	+12	0	0	0	±14.5	±23	±29	+5	+13	-8	0	-22	-14	-41	-33	-63	-113	-144	-184	-224	-264	-304	-344
225	+420	+330	+390	+170	+170	+170	+100	+100	+100	+50	+50	+50	+15	+15	+15	0	0	0	±14.5	±23	±29	+5	+13	-8	0	-22	-14	-41	-33	-63	-113	-144	-184	-224	-264	-304	-344
250	+480	+340	+420	+190	+190	+190	+110	+110	+110	+56	+56	+56	+17	+17	+17	0	0	0	±16	±26	±36	+5	+16	-9	0	-25	-14	-47	-36	-74	-119	-159	-209	-249	-289	-329	-369
280	+540	+360	+450	+210	+210	+210	+125	+125	+125	+62	+62	+62	+18	+18	+18	0	0	0	±18	±28	±38	+7	+17	-10	0	-26	-16	-51	-41	-84	-124	-164	-204	-244	-284	-324	-364
315	+600	+360	+460	+230	+230	+230	+135	+135	+135	+68	+68	+68	+20	+20	+20	0	0	0	±18	±28	±38	+7	+17	-10	0	-26	-16	-51	-41	-84	-124	-164	-204	-244	-284	-324	-364
355	+680	+400	+500	+250	+250	+250	+150	+150	+150	+75	+75	+75	+22	+22	+22	0	0	0	±20	±31	±41	+8	+18	-10	0	-27	-17	-55	-45	-90	-130	-170	-210	-250	-290	-330	-370
400	+760	+440	+540	+270	+270	+270	+165	+165	+165	+83	+83	+83	+24	+24	+24	0	0	0	±20	±31	±41	+8	+18	-10	0	-27	-17	-55	-45	-90	-130	-170	-210	-250	-290	-330	-370
450	+840	+480	+580	+300	+300	+300	+180	+180	+180	+91	+91	+91	+26	+26	+26	0	0	0	±20	±31	±41	+8	+18	-10	0	-27	-17	-55	-45	-90	-130	-170	-210	-250	-290	-330	-370
500	+920	+520	+620	+330	+330	+330	+200	+200	+200	+100	+100	+100	+30	+30	+30	0	0	0	±20	±31	±41	+8	+18	-10	0	-27	-17	-55	-45	-90	-130	-170	-210	-250	-290	-330	-370

备注：表中的各段中，上侧的数值为尺寸公差的上限，下侧的数值为尺寸公差的下限。

常用配合中轴的尺寸公差

基准尺寸 的分类 (mm)	轴的公差带																			单位 μm																		
	b9	b8	b7	c9	c8	c7	e9	e8	e7	f7	f8	f9	g6	g5	g6	h5	h6	h7	h8		h9	js5	js6	js7	k5	k6	m5	m6	n5*	n6	p6	r6	s6	t6	u6	x6		
3	-140	-60	-70	-20	-14	-14	-14	-14	-14	-6	-6	-6	-2	-2	-2	0	0	0	0	±2	±3	±5	+4	+6	+8	+8	+8	+10	+12	+16	+20	+24	+26	+26	+26	+26	+26	
6	-165	-85	-34	-45	-24	-28	-39	-12	-16	-20	-16	-20	-6	-8	-8	-4	-6	-10	-14	-25	±3	±4	±6	+6	+9	+9	+9	+9	+10	+12	+16	+20	+24	+26	+26	+26	+26	+26
10	-170	-100	-48	-60	-32	-38	-50	-18	-22	-28	-18	-22	-8	-12	-12	-5	-8	-12	-18	-30	±4	±6	±6	+6	+9	+9	+9	+9	+10	+12	+16	+20	+24	+26	+26	+26	+26	+26
14	-180	-116	-62	-76	-40	-45	-55	-25	-30	-38	-28	-35	-11	-14	-14	-6	-9	-15	-22	-36	±3	±4.5	±7	+7	+10	+12	+15	+16	+19	+24	+28	+32	+32	+32	+32	+32	+32	
20	-150	-95	-50	-60	-32	-32	-32	-16	-16	-16	-16	-6	-6	-6	-6	-6	-6	-6	-6	-6	±4	±5.5	±9	+9	+12	+15	+18	+20	+23	+29	+34	+39	+44	+44	+44	+44	+44	
30	-193	-138	-77	-93	-50	-59	-75	-27	-34	-43	-43	-14	-17	-17	-8	-11	-18	-27	-43	±4	±5.5	±9	+9	+12	+15	+18	+20	+23	+29	+34	+39	+44	+44	+44	+44	+44	+44	
40	-170	-110	-65	-65	-40	-40	-40	-20	-20	-20	-20	-7	-7	-7	-7	-7	-7	-7	-7	-7	±10	±15	±20	+11	+15	+17	+21	+24	+28	+35	+41	+48	+54	+54	+54	+54	+54	
50	-212	-162	-98	-117	-61	-73	-92	-33	-41	-53	-41	-53	-16	-20	-20	-9	-13	-21	-33	-52	±10	±15	±20	+11	+15	+17	+21	+24	+28	+35	+41	+48	+54	+54	+54	+54	+54	
60	-170	-120	-80	-80	-50	-50	-50	-25	-25	-25	-25	-9	-9	-9	-9	-9	-9	-9	-9	-9	±12	±18	±24	+13	+18	+20	+25	+28	+33	+42	+50	+59	+66	+66	+66	+66	+66	
80	-232	-182	-80	-80	-50	-50	-50	-25	-25	-25	-25	-9	-9	-9	-9	-9	-9	-9	-9	-9	±12	±18	±24	+13	+18	+20	+25	+28	+33	+42	+50	+59	+66	+66	+66	+66	+66	
100	-180	-130	-119	-142	-75	-89	-112	-41	-50	-64	-50	-64	-20	-25	-25	-11	-16	-25	-39	-62	±8	±12	±16	+13	+18	+20	+25	+28	+33	+42	+50	+59	+66	+66	+66	+66	+66	
120	-242	-192	-80	-80	-50	-50	-50	-25	-25	-25	-25	-9	-9	-9	-9	-9	-9	-9	-9	-9	±12	±18	±24	+13	+18	+20	+25	+28	+33	+42	+50	+59	+66	+66	+66	+66	+66	+66
140	-190	-140	-100	-100	-60	-60	-60	-30	-30	-30	-30	-10	-10	-10	-10	-10	-10	-10	-10	-10	±15	±20	±26	+15	+21	+24	+30	+33	+39	+48	+57	+66	+75	+84	+84	+84	+84	+84
160	-264	-214	-100	-100	-60	-60	-60	-30	-30	-30	-30	-10	-10	-10	-10	-10	-10	-10	-10	-10	±15	±20	±26	+15	+21	+24	+30	+33	+39	+48	+57	+66	+75	+84	+84	+84	+84	+84
180	-200	-150	-146	-174	-90	-106	-134	-49	-60	-76	-60	-76	-23	-29	-29	-13	-19	-30	-46	-74	±17	±23	±30	+18	+25	+28	+35	+38	+45	+55	+64	+73	+82	+91	+91	+91	+91	
200	-274	-224	-100	-100	-60	-60	-60	-30	-30	-30	-30	-10	-10	-10	-10	-10	-10	-10	-10	-10	±17	±23	±30	+18	+25	+28	+35	+38	+45	+55	+64	+73	+82	+91	+91	+91	+91	+91
225	-220	-170	-120	-120	-72	-72	-72	-36	-36	-36	-36	-12	-12	-12	-12	-12	-12	-12	-12	-12	±17	±23	±30	+18	+25	+28	+35	+38	+45	+55	+64	+73	+82	+91	+91	+91	+91	+91
250	-307	-257	-120	-120	-72	-72																																