

D2 优先选用及其次选用(常用)公差带极限偏差数值表(摘自 GB/T 1800.2—2009)

1. 轴

附表 D2-1 常用及优先

公称尺寸/ mm		常用及优先公差带														
		a			b			c			d			e		
大于	至	11	11	12	9	10	⑩	8	⑧	10	11	7	8	9		
—	3	-270	-140	-140	-60	-60	-60	-20	-20	-20	-20	-14	-14	-14		
		-330	-200	-240	-85	-100	-120	-34	-45	-60	-80	-24	-28	-39		
3	6	-270	-140	-140	-70	-70	-70	-30	-30	-30	-30	-20	-20	-20		
		-345	-215	-260	-100	-118	-145	-48	-60	-78	-105	-32	-38	-50		
6	10	-280	-150	-150	-80	-80	-80	-40	-40	-40	-40	-25	-25	-25		
		-370	-240	-300	-116	-138	-170	-62	-76	-98	-130	-40	-47	-61		
10	14	-290	-150	-150	-95	-95	-95	-50	-50	-50	-50	-32	-32	-32		
14	18	-400	-260	-330	-138	-165	-205	-77	-93	-120	-160	-50	-59	-75		
18	24	-300	-160	-160	-110	-110	-110	-65	-65	-65	-65	-40	-40	-40		
		-430	-290	-370	-162	-194	-240	-98	-117	-149	-195	-61	-73	-92		
30	40	-310	-170	-170	-120	-120	-120	-80	-80	-80	-80	-50	-50	-50		
		-470	-330	-420	-182	-220	-280									
40	50	-320	-180	-180	-130	-130	-130	-119	-142	-180	-240	-75	-89	-112		
		-480	-340	-430	-192	-230	-290									
50	65	-340	-190	-190	-140	-140	-140	-100	-100	-100	-100	-60	-60	-60		
		-530	-380	-490	-214	-260	-330									
65	80	-360	-200	-200	-150	-150	-150	-146	-174	-220	-290	-90	-106	-134		
		-550	-390	-500	-224	-270	-340									
80	100	-380	-220	-220	-170	-170	-170	-120	-120	-120	-120	-72	-72	-72		
		-600	-440	-570	-257	-310	-390									
100	120	-410	-240	-240	-180	-180	-180	-174	-207	-260	-340	-107	-126	-159		
		-630	-460	-590	-267	-320	-400									
120	140	-460	-260	-260	-200	-200	-200	-145	-145	-145	-145	-85	-85	-85		
		-710	-510	-660	-300	-360	-450									
140	160	-520	-280	-280	-210	-210	-210	-208	-245	-305	-395	-125	-148	-185		
		-770	-530	-680	-310	-370	-460									
160	180	-580	-310	-310	-230	-230	-230	-170	-170	-170	-170	-100	-100	-100		
		-830	-560	-710	-330	-390	-480									
180	200	-660	-340	-340	-240	-240	-240	-242	-285	-355	-460	-146	-172	-215		
		-950	-630	-800	-355	-425	-530									
200	225	-740	-380	-380	-260	-260	-260	-210	-210	-210	-210	-125	-125	-125		
		-1030	-670	-840	-375	-445	-550									
225	250	-820	-420	-420	-280	-280	-280	-299	-350	-440	-570	-182	-214	-265		
		-1110	-710	-880	-395	-465	-570									
250	280	-920	-480	-480	-300	-300	-300	-190	-190	-190	-190	-110	-110	-110		
		-1240	-800	-1000	-430	-510	-620									
280	315	-1050	-540	-540	-330	-330	-330	-271	-320	-400	-510	-162	-191	-240		
		-1370	-860	-1060	-460	-540	-650									
315	355	-1200	-600	-600	-360	-360	-360	-230	-230	-230	-230	-135	-135	-135		
		-1560	-960	-1170	-500	-590	-720									
355	400	-1350	-680	-680	-400	-400	-400	-299	-350	-440	-570	-182	-214	-265		
		-1710	-1040	-1250	-540	-630	-760									
400	450	-1500	-760	-760	-440	-440	-440	-230	-230	-230	-230	-135	-135	-135		
		-1900	-1160	-1390	-595	-690	-840									
450	500	-1650	-840	-840	-480	-480	-480	-327	-385	-480	-630	-198	-232	-290		
		-2050	-1240	-1470	-635	-730	-880									

轴公差带极限偏差

 μm

(带圈者为优先公差带)

f					g			h								
5	6	⑦	8	9	5	⑥	7	5	⑥	⑦	8	⑨	10	⑪	12	
-6	-6	-6	-6	-6	-2	-2	-2	0	0	0	0	0	0	0	0	
-10	-12	-16	-20	-31	-6	-8	-12	-4	-6	-10	-14	-25	-40	-60	-100	
-10	-10	-10	-10	-10	-4	-4	-4	0	0	0	0	0	0	0	0	
-15	-18	-22	-28	-40	-9	-12	-16	-5	-8	-12	-18	-30	-48	-75	-120	
-13	-13	-13	-13	-13	-5	-5	-5	0	0	0	0	0	0	0	0	
-19	-22	-28	-35	-49	-11	-14	-20	-6	-9	-15	-22	-36	-58	-90	-150	
-16	-16	-16	-16	-16	-6	-6	-6	0	0	0	0	0	0	0	0	
-24	-27	-34	-43	-59	-14	-17	-24	-8	-11	-18	-27	-43	-70	-110	-180	
-20	-20	-20	-20	-20	-7	-7	-7	0	0	0	0	0	0	0	0	
-29	-33	-41	-53	-72	-16	-20	-28	-9	-13	-21	-33	-52	-84	-130	-210	
-25	-25	-25	-25	-25	-9	-9	-9	0	0	0	0	0	0	0	0	
-36	-41	-50	-64	-87	-20	-25	-34	-11	-16	-25	-39	-62	-100	-160	-250	
-30	-30	-30	-30	-30	-10	-10	-10	0	0	0	0	0	0	0	0	
-43	-49	-60	-76	-104	-23	-29	-40	-13	-19	-30	-46	-74	-120	-190	-300	
-36	-36	-36	-36	-36	-12	-12	-12	0	0	0	0	0	0	0	0	
-51	-58	-71	-90	-123	-27	-34	-47	-15	-22	-35	-54	-87	-140	-220	-350	
-43	-43	-43	-43	-43	-14	-14	-14	0	0	0	0	0	0	0	0	
-61	-68	-83	-106	-143	-32	-39	-54	-18	-25	-40	-63	-100	-160	-250	-400	
-50	-50	-50	-50	-50	-15	-15	-15	0	0	0	0	0	0	0	0	
-70	-79	-96	-122	-165	-35	-44	-61	-20	-29	-46	-72	-115	-185	-290	-460	
-56	-56	-56	-56	-56	-17	-17	-17	0	0	0	0	0	0	0	0	
-79	-88	-108	-137	-186	-40	-49	-69	-23	-32	-52	-81	-130	-210	-320	-520	
-62	-62	-62	-62	-62	-18	-18	-18	0	0	0	0	0	0	0	0	
-87	-98	-119	-151	-202	-43	-54	-75	-25	-36	-57	-89	-140	-230	-360	-570	
-68	-68	-68	-68	-68	-20	-20	-20	0	0	0	0	0	0	0	0	
-95	-108	-131	-165	-223	-47	-60	-83	-27	-40	-63	-97	-155	-250	-400	-630	

公称尺寸/ mm		常用及优先公差带														
		js			k			m			n			p		
大于	至	5	6	7	5	⑥	7	5	6	7	5	⑥	7	5	⑥	7
—	3	±2	±3	±5	+4 0	+6 0	+10 0	+6 +2	+8 +2	+12 +2	+8 +4	+10 +4	+14 +4	+10 +6	+12 +6	+16 +6
3	6	±2.5	±4	±6	+6 +1	+9 +1	+13 +1	+9 +4	+12 +4	+16 +4	+13 +8	+16 +8	+20 +8	+17 +12	+20 +12	+24 +12
6	10	±3	±4.5	±7	+7 +1	+10 +1	+16 +1	+12 +6	+15 +6	+21 +6	+16 +10	+19 +10	+25 +10	+21 +15	+24 +15	+30 +15
10	14	±4	±5.5	±9	+9 +1	+12 +1	+19 +1	+15 +7	+18 +7	+25 +7	+20 +12	+23 +12	+30 +12	+26 +18	+29 +18	+36 +18
14	18				+11 +2	+15 +2	+23 +2	+17 +8	+21 +8	+29 +8	+24 +15	+28 +15	+36 +15	+31 +22	+35 +22	+43 +22
18	24	±4.5	±6.5	±10	+11 +2	+15 +2	+23 +2	+17 +8	+21 +8	+29 +8	+24 +15	+28 +15	+36 +15	+31 +22	+35 +22	+43 +22
24	30				+13 +2	+18 +2	+27 +2	+20 +9	+25 +9	+34 +9	+28 +17	+33 +17	+42 +17	+37 +26	+42 +26	+51 +26
30	40	±5.5	±8	±12	+13 +2	+18 +2	+27 +2	+20 +9	+25 +9	+34 +9	+28 +17	+33 +17	+42 +17	+37 +26	+42 +26	+51 +26
40	50				+15 +2	+21 +2	+32 +2	+24 +11	+30 +11	+41 +11	+33 +20	+39 +20	+50 +20	+45 +32	+51 +32	+62 +32
50	65	±6.5	±9.5	±15	+15 +2	+21 +2	+32 +2	+24 +11	+30 +11	+41 +11	+33 +20	+39 +20	+50 +20	+45 +32	+51 +32	+62 +32
65	80				+18 +3	+25 +3	+38 +3	+28 +13	+35 +13	+48 +13	+38 +23	+45 +23	+58 +23	+52 +37	+59 +37	+72 +37
80	100	±7.5	±11	±17	+18 +3	+25 +3	+38 +3	+28 +13	+35 +13	+48 +13	+38 +23	+45 +23	+58 +23	+52 +37	+59 +37	+72 +37
100	120				+21 +3	+28 +3	+43 +3	+33 +15	+40 +15	+55 +15	+45 +27	+52 +27	+67 +27	+61 +43	+68 +43	+83 +43
120	140				+24 +4	+33 +4	+50 +4	+37 +17	+46 +17	+63 +17	+54 +31	+60 +31	+77 +31	+70 +50	+79 +50	+96 +50
140	160	±9	±12.5	±20	+24 +4	+33 +4	+50 +4	+37 +17	+46 +17	+63 +17	+54 +31	+60 +31	+77 +31	+70 +50	+79 +50	+96 +50
160	180				+27 +4	+36 +4	+56 +4	+43 +20	+52 +20	+72 +20	+57 +34	+66 +34	+86 +34	+79 +56	+88 +56	+108 +56
180	200	±10	±14.5	±23	+27 +4	+36 +4	+56 +4	+43 +20	+52 +20	+72 +20	+57 +34	+66 +34	+86 +34	+79 +56	+88 +56	+108 +56
200	225				+29 +4	+40 +4	+61 +4	+46 +21	+57 +21	+78 +21	+62 +37	+73 +37	+94 +37	+87 +62	+98 +62	+119 +62
225	250				+32 +5	+45 +5	+68 +5	+50 +23	+63 +23	+86 +23	+67 +40	+80 +40	+103 +40	+95 +68	+108 +68	+131 +68
250	280	±11.5	±16	±26	+29 +4	+40 +4	+61 +4	+46 +21	+57 +21	+78 +21	+62 +37	+73 +37	+94 +37	+87 +62	+98 +62	+119 +62
280	315				+32 +5	+45 +5	+68 +5	+50 +23	+63 +23	+86 +23	+67 +40	+80 +40	+103 +40	+95 +68	+108 +68	+131 +68
315	355	±12.5	±18	±28	+32 +5	+45 +5	+68 +5	+50 +23	+63 +23	+86 +23	+67 +40	+80 +40	+103 +40	+95 +68	+108 +68	+131 +68
355	400				+29 +4	+40 +4	+61 +4	+46 +21	+57 +21	+78 +21	+62 +37	+73 +37	+94 +37	+87 +62	+98 +62	+119 +62
400	450	±13.5	±20	±31	+29 +4	+40 +4	+61 +4	+46 +21	+57 +21	+78 +21	+62 +37	+73 +37	+94 +37	+87 +62	+98 +62	+119 +62
450	500				+32 +5	+45 +5	+68 +5	+50 +23	+63 +23	+86 +23	+67 +40	+80 +40	+103 +40	+95 +68	+108 +68	+131 +68

注：公称尺寸小于 1mm 时，各级的 a 和 b 均不采用。

续表

(带圈者为优先公差带)

r			s			t			u		v	x	y	z
5	6	7	5	Ⓢ	7	5	6	7	Ⓢ	7	6	6	6	6
+14	+16	+20	+18	+20	+24	—	—	—	+24	+28	—	+26	—	+32
+10	+10	+10	+14	+14	+14				+18	+18		+20		+26
+20	+23	+27	+24	+27	+31	—	—	—	+31	+35	—	+36	—	+43
+15	+15	+15	+19	+19	+19				+23	+23		+28		+35
+25	+28	+34	+29	+32	+38	—	—	—	+37	+43	—	+43	—	+51
+19	+19	+19	+23	+23	+23				+28	+28		+34		+42
+31	+34	+41	+36	+39	+46	—	—	—	+44	+51	—	+51	—	+61
+23	+23	+23	+28	+28	+28	—	—	—	+33	+33	+50	+40	—	+50
											+39	+56	—	+71
												+45	—	+60
+37	+41	+49	+44	+48	+56	—	—	—	+54	+62	+60	+67	+76	+86
+28	+28	+28	+35	+35	+35	+50	+54	+62	+41	+41	+47	+54	+63	+73
						+41	+41	+41	+61	+69	+68	+77	+88	+101
						+59	+64	+73	+76	+85	+84	+96	+110	+128
+45	+50	+59	+54	+59	+68	+48	+48	+48	+60	+60	+68	+80	+94	+112
+34	+34	+34	+43	+43	+43	+65	+70	+79	+86	+95	+97	+113	+130	+152
						+54	+54	+54	+70	+70	+81	+97	+114	+136
+54	+60	+71	+66	+72	+83	+79	+85	+96	+106	+117	+121	+141	+163	+191
+41	+41	+41	+53	+53	+53	+66	+66	+66	+87	+87	+102	+122	+144	+172
+56	+62	+73	+72	+78	+89	+88	+88	+94	+105	+121	+132	+139	+165	+193
+43	+43	+43	+59	+59	+59	+75	+75	+75	+102	+102	+120	+146	+174	+210
+66	+73	+86	+86	+93	+106	+106	+113	+126	+146	+159	+168	+200	+236	+280
+51	+51	+51	+71	+71	+71	+91	+91	+91	+124	+124	+146	+178	+214	+258
+69	+76	+89	+94	+101	+114	+110	+126	+139	+166	+179	+194	+232	+276	+332
+54	+54	+54	+79	+79	+79	+104	+104	+104	+144	+144	+172	+210	+254	+310
+81	+88	+103	+110	+117	+132	+140	+147	+162	+195	+210	+227	+273	+325	+390
+63	+63	+63	+92	+92	+92	+122	+122	+122	+170	+170	+202	+248	+300	+365
+83	+90	+105	+118	+125	+140	+152	+159	+174	+215	+230	+253	+305	+365	+440
+65	+65	+65	+100	+100	+100	+134	+134	+134	+190	+190	+228	+280	+340	+415
+86	+93	+108	+126	+133	+148	+164	+171	+186	+235	+250	+277	+335	+405	+490
+68	+68	+68	+108	+108	+108	+146	+146	+146	+210	+210	+252	+310	+380	+465
+97	+106	+123	+142	+151	+168	+186	+195	+212	+265	+282	+313	+379	+454	+549
+77	+77	+77	+122	+122	+122	+166	+166	+166	+236	+236	+284	+350	+425	+520
+100	+109	+126	+150	+159	+176	+200	+209	+226	+287	+304	+339	+414	+499	+604
+80	+80	+80	+130	+130	+130	+180	+180	+180	+258	+258	+310	+385	+470	+575
+104	+113	+130	+160	+169	+186	+216	+225	+242	+313	+330	+369	+454	+549	+669
+84	+84	+84	+140	+140	+140	+196	+196	+196	+284	+284	+340	+425	+520	+640
+117	+126	+146	+181	+190	+210	+241	+250	+270	+347	+367	+417	+507	+612	+742
+94	+94	+94	+158	+158	+158	+218	+218	+218	+315	+315	+385	+475	+580	+710
+121	+130	+150	+193	+202	+222	+263	+272	+292	+382	+402	+457	+557	+682	+822
+98	+98	+98	+170	+170	+170	+240	+240	+240	+350	+350	+425	+525	+650	+790
+133	+144	+165	+215	+226	+247	+293	+304	+325	+426	+447	+511	+626	+766	+936
+108	+108	+108	+190	+190	+190	+268	+268	+268	+390	+390	+475	+590	+730	+900
+139	+150	+171	+233	+244	+265	+319	+330	+351	+471	+492	+566	+696	+856	+1036
+114	+114	+114	+208	+208	+208	+294	+294	+294	+435	+435	+530	+660	+820	+1000
+153	+166	+189	+259	+272	+295	+357	+370	+393	+530	+553	+635	+780	+960	+1140
+126	+126	+126	+232	+232	+232	+330	+330	+330	+490	+490	+595	+740	+920	+1100
+159	+172	+195	+279	+292	+315	+387	+400	+423	+580	+603	+700	+860	+1040	+1290
+132	+132	+132	+252	+252	+252	+360	+360	+360	+540	+540	+660	+820	+1000	+1250

2. 孔

附表 D2-2 常用及优先

公称尺寸/ mm		常用及优先公差带													
大于	至	A		B		C	D				E		F		
		11	11	12	Ⓜ	8	⑨	10	11	8	9	6	7	⑧	9
—	3	+330	+200	+240	+120	+34	+45	+60	+80	+28	+39	+12	+16	+20	+31
		+270	+140	+140	+60	+20	+20	+20	+20	+14	+14	+6	+6	+6	+6
3	6	+345	+215	+260	+145	+48	+60	+78	+105	+38	+50	+18	+22	+28	+40
		+270	+140	+140	+70	+30	+30	+30	+30	+20	+20	+10	+10	+10	+10
6	10	+370	+240	+300	+170	+62	+76	+98	+130	+47	+61	+22	+28	+35	+49
		+280	+150	+150	+80	+40	+40	+40	+40	+25	+25	+13	+13	+13	+13
10	14	+400	+260	+330	+205	+77	+93	+120	+160	+59	+75	+27	+34	+43	+59
		+290	+150	+150	+95	+50	+50	+50	+50	+32	+32	+16	+16	+16	+16
18	24	+430	+290	+370	+240	+98	+117	+149	+195	+73	+92	+33	+41	+53	+72
		+300	+160	+160	+110	+65	+65	+65	+65	+40	+40	+20	+20	+20	+20
30	40	+470	+330	+420	+280	+119	+142	+180	+240	+89	+112	+41	+50	+64	+87
		+310	+170	+170	+120										
40	50	+480	+340	+430	+290	+80	+80	+80	+80	+50	+50	+25	+25	+25	+25
		+320	+180	+180	+130										
50	65	+530	+380	+490	+330	+146	+170	+220	+290	+106	+134	+49	+60	+76	+104
		+340	+190	+190	+140										
65	80	+550	+390	+500	+340	+100	+100	+100	+100	+60	+60	+30	+30	+30	+30
		+360	+200	+200	+150										
80	100	+600	+440	+570	+390	+174	+207	+260	+340	+126	+159	+58	+71	+90	+123
		+380	+220	+220	+170										
100	120	+630	+460	+590	+400	+120	+120	+120	+120	+72	+72	+36	+36	+36	+36
		+410	+240	+240	+180										
120	140	+710	+510	+660	+450	+208	+245	+305	+395	+148	+185	+68	+83	+106	+143
		+460	+260	+260	+200										
140	160	+770	+530	+680	+460	+145	+145	+145	+145	+85	+85	+43	+43	+43	+43
		+520	+280	+280	+210										
160	180	+830	+560	+710	+480	+242	+285	+355	+460	+172	+215	+79	+96	+122	+165
		+580	+310	+310	+230										
180	200	+950	+630	+800	+530	+170	+170	+170	+170	+100	+100	+50	+50	+50	+50
		+660	+340	+340	+240										
200	225	+1030	+670	+840	+550	+271	+320	+400	+510	+191	+240	+88	+108	+137	+186
		+740	+380	+380	+260										
225	250	+1110	+710	+880	+570	+190	+190	+190	+190	+110	+110	+56	+56	+56	+56
		+820	+420	+420	+280										
250	280	+1240	+800	+1000	+620	+299	+350	+440	+570	+214	+265	+98	+119	+151	+202
		+920	+480	+480	+300										
280	315	+1370	+860	+1060	+650	+210	+210	+210	+210	+125	+125	+62	+62	+62	+62
		+1050	+540	+540	+330										
315	355	+1560	+960	+1170	+720	+327	+385	+480	+630	+232	+290	+108	+131	+165	+223
		+1200	+600	+600	+360										
355	400	+1710	+1040	+1250	+760	+230	+230	+230	+230	+135	+135	+68	+68	+68	+68
		+1350	+680	+680	+400										
400	450	+1900	+1160	+1390	+840	+230	+230	+230	+230	+135	+135	+68	+68	+68	+68
		+1500	+760	+760	+440										
450	500	+2050	+1240	+1470	+880	+230	+230	+230	+230	+135	+135	+68	+68	+68	+68
		+1650	+840	+840	+480										

孔公差带的极限偏差

μm

(带圈者为优先公差带)

G		H							Js			K			M		
6	⑦	6	⑦	⑧	⑨	10	⑪	12	6	7	8	6	⑦	8	6	7	8
+8 +2	+12 +2	+6 0	+10 0	+14 0	+25 0	+40 0	+60 0	+100 0	± 3	± 5	± 7	0 -6	0 -10	0 -14	-2 -8	-2 -12	-2 -16
+12 +4	+16 +4	+8 0	+12 0	+18 0	+30 0	+48 0	+75 0	+120 0	± 4	± 6	± 9	+2 -6	+3 -9	+5 -13	-1 -9	0 -12	+2 -16
+14 +5	+20 +5	+9 0	+15 0	+22 0	+36 0	+58 0	+90 0	+150 0	± 4.5	± 7	± 11	+2 -7	+5 -10	+6 -16	-3 -12	0 -15	+1 -21
+17 +6	+24 +6	+11 0	+18 0	+27 0	+43 0	+70 0	+110 0	+180 0	± 5.5	± 9	± 13	+2 -9	+6 -12	+8 -19	-4 -15	0 -18	+2 -25
+20 +7	+28 +7	+13 0	+21 0	+33 0	+52 0	+84 0	+130 0	+210 0	± 6.5	± 10	± 16	+2 -11	+6 -15	+10 -23	-4 -17	0 -21	+4 -29
+25 +9	+34 +9	+16 0	+25 0	+39 0	+62 0	+100 0	+160 0	+250 0	± 8	± 12	± 19	+3 -13	+7 -18	+12 -27	-4 -20	0 -25	+5 -34
+29 +10	+40 +10	+19 0	+30 0	+46 0	+74 0	+120 0	+190 0	+300 0	± 9.5	± 15	± 23	+4 -15	+9 -21	+14 -32	-5 -24	0 -30	+5 -41
+34 +12	+47 +12	+22 0	+35 0	+54 0	+87 0	+140 0	+220 0	+350 0	± 11	± 17	± 27	+4 -18	+10 -25	+16 -38	-6 -28	0 -35	+6 -48
+39 +14	+54 +14	+25 0	+40 0	+63 0	+100 0	+160 0	+250 0	+400 0	± 12.5	± 20	± 31	+4 -21	+12 -28	+20 -43	-8 -33	0 -40	+8 -55
+44 +15	+61 +15	+29 0	+46 0	+72 0	+115 0	+185 0	+290 0	+460 0	± 14.5	± 23	± 36	+5 -24	+13 -33	+22 -50	-8 -37	0 -46	+9 -63
+49 +17	+69 +17	+32 0	+52 0	+81 0	+130 0	+210 0	+320 0	+520 0	± 16	± 26	± 40	+5 -27	+16 -36	+25 -56	-9 -41	0 -52	+9 -72
+54 +18	+75 +18	+36 0	+57 0	+89 0	+140 0	+230 0	+360 0	+570 0	± 18	± 28	± 44	+7 -29	+17 -40	+28 -61	-10 -46	0 -57	+11 -78
+60 +20	+83 +20	+40 0	+63 0	+97 0	+155 0	+250 0	+400 0	+630 0	± 20	± 31	± 48	+8 -32	+18 -45	+29 -68	-10 -50	0 -63	+11 -86

续表

公称尺寸/ mm		常用及优先公差带(带圈者为优先公差带)											
大于	至	N			P		R		S		T		U
		6	⑦	8	6	⑦	6	7	6	⑦	6	7	⑦
—	3	-4	-4	-4	-6	-6	-10	-10	-14	-14	—	—	-18
		-10	-14	-18	-12	-16	-16	-20	-20	-24	—	—	-28
3	6	-5	-4	-2	-9	-8	-12	-11	-16	-15	—	—	-19
		-13	-16	-20	-17	-20	-20	-23	-24	-27	—	—	-31
6	10	-7	-4	-3	-12	-9	-16	-13	-20	-17	—	—	-22
		-16	-19	-25	-21	-24	-25	-28	-29	-32	—	—	-37
10	14	-9	-5	-3	-15	-11	-20	-16	-25	-21	—	—	-26
14	18	-20	-23	-30	-26	-29	-31	-34	-36	-39	—	—	-44
18	24	-11	-7	-3	-18	-14	-24	-20	-31	-27	—	—	-33
		-24	-28	-36	-31	-35	-37	-41	-44	-48	—	—	-54
24	30										-37	-33	-40
											-50	-54	-61
30	40	-12	-8	-3	-21	-17	-29	-25	-38	-34	-43	-39	-51
		-28	-33	-42	-37	-42	-45	-50	-54	-59	-59	-64	-76
40	50										-49	-45	-61
											-65	-70	-86
50	65	-14	-9	-4	-26	-21	-35	-30	-47	-42	-60	-55	-76
		-33	-39	-50	-45	-51	-54	-60	-66	-72	-79	-85	-106
65	80						-37	-32	-53	-48	-69	-64	-91
							-56	-62	-72	-78	-88	-94	-121
80	100	-16	-10	-4	-30	-24	-44	-38	-64	-58	-84	-78	-111
		-38	-45	-58	-52	-59	-66	-73	-86	-93	-106	-113	-146
100	120						-47	-41	-72	-66	-97	-91	-131
							-69	-76	-94	-101	-119	-126	-166
120	140						-56	-48	-85	-77	-115	-107	-155
							-81	-88	-110	-117	-140	-147	-195
140	160	-20	-12	-4	-36	-28	-58	-50	-93	-85	-127	-119	-175
		-45	-52	-67	-61	-68	-83	-90	-118	-125	-152	-159	-215
160	180						-61	-53	-101	-93	-139	-131	-195
							-86	-93	-126	-133	-164	-171	-235
180	200						-68	-60	-113	-105	-157	-149	-219
							-97	-106	-142	-151	-186	-195	-265
200	225	-22	-14	-5	-41	-33	-71	-63	-121	-113	-171	-163	-241
		-51	-60	-77	-70	-79	-100	-109	-150	-159	-200	-209	-287
225	250						-75	-67	-131	-123	-187	-179	-267
							-104	-113	-160	-169	-216	-225	-313
250	280						-85	-74	-149	-138	-209	-198	-295
		-25	-14	-5	-47	-36	-117	-126	-181	-190	-241	-250	-347
280	315	-57	-66	-86	-79	-88	-89	-78	-161	-150	-231	-220	-330
							-121	-130	-193	-202	-263	-272	-382
315	355						-97	-87	-179	-169	-257	-247	-369
							-133	-144	-215	-226	-293	-304	-426
355	400	-62	-73	-94	-87	-98	-103	-93	-197	-187	-283	-273	-414
							-139	-150	-233	-244	-319	-330	-471
400	450						-113	-103	-219	-209	-317	-307	-467
		-27	-17	-6	-55	-45	-153	-166	-259	-272	-357	-370	-530
450	500	-67	-80	-103	-95	-108	-119	-109	-239	-229	-347	-337	-517
							-159	-172	-279	-292	-387	-400	-580

注：公称尺寸小于1mm时，各级的A和B均不采用。

D3 优先和常用配合(摘自 GB/T 1801—2009)

1. 公称尺寸至 500mm 的基孔制优先和常用配合

附表 D3-1 基孔制优先、常用配合

基准孔	轴																				
	a	b	c	d	e	f	g	h	js	k	m	n	p	r	s	t	u	v	x	y	z
	间隙配合								过渡配合				过盈配合								
H6						$\frac{H6}{f5}$	$\frac{H6}{g5}$	$\frac{H6}{h5}$	$\frac{H6}{js5}$	$\frac{H6}{k5}$	$\frac{H6}{m5}$	$\frac{H6}{n5}$	$\frac{H6}{p5}$	$\frac{H6}{r5}$	$\frac{H6}{s5}$	$\frac{H6}{t5}$					
H7						$\frac{H7}{f6}$	$\frac{H7}{g6}$	$\frac{H7}{h6}$	$\frac{H7}{js6}$	$\frac{H7}{k6}$	$\frac{H7}{m6}$	$\frac{H7}{n6}$	$\frac{H7}{p6}$	$\frac{H7}{r6}$	$\frac{H7}{s6}$	$\frac{H7}{t6}$	$\frac{H7}{u6}$	$\frac{H7}{v6}$	$\frac{H7}{x6}$	$\frac{H7}{y6}$	$\frac{H7}{z6}$
H8					$\frac{H8}{e7}$	$\frac{H8}{f7}$	$\frac{H8}{g7}$	$\frac{H8}{h7}$	$\frac{H8}{js7}$	$\frac{H8}{k7}$	$\frac{H8}{m7}$	$\frac{H8}{n7}$	$\frac{H8}{p7}$	$\frac{H8}{r7}$	$\frac{H8}{s7}$	$\frac{H8}{t7}$	$\frac{H8}{u7}$				
				$\frac{H8}{d8}$	$\frac{H8}{e8}$	$\frac{H8}{f8}$	$\frac{H8}{h8}$														
H9			$\frac{H9}{c9}$	$\frac{H9}{d9}$	$\frac{H9}{e9}$	$\frac{H9}{f9}$	$\frac{H9}{h9}$														
H10			$\frac{H10}{c10}$	$\frac{H10}{d10}$			$\frac{H10}{h10}$														
			$\frac{H10}{d10}$				$\frac{H10}{h10}$														
H11	$\frac{H11}{a11}$	$\frac{H11}{b11}$	$\frac{H11}{c11}$	$\frac{H11}{d11}$				$\frac{H11}{h11}$													
H12		$\frac{H12}{b12}$						$\frac{H12}{h12}$													

注：① $\frac{H6}{n5}$, $\frac{H7}{p6}$ 在公称尺寸小于或等于 3mm 和 $\frac{H8}{r7}$ 在小于或等于 100mm 时, 为过渡配合。

② 标注▼的配合为优先配合。

2. 公称尺寸至 500mm 的基轴制优先和常用配合

附表 D3-2 基轴制优先、常用配合

基准轴	孔																				
	A	B	C	D	E	F	G	H	JS	K	M	N	P	R	S	T	U	V	X	Y	Z
	间隙配合								过渡配合				过盈配合								
h5						$\frac{F6}{h5}$	$\frac{G6}{h5}$	$\frac{H6}{h5}$	$\frac{JS6}{h5}$	$\frac{K6}{h5}$	$\frac{M6}{h5}$	$\frac{N6}{h5}$	$\frac{P6}{h5}$	$\frac{R6}{h5}$	$\frac{S6}{h5}$	$\frac{T6}{h5}$					
h6						$\frac{F7}{h6}$	$\frac{G7}{h6}$	$\frac{H7}{h6}$	$\frac{JS7}{h6}$	$\frac{K7}{h6}$	$\frac{M7}{h6}$	$\frac{N7}{h6}$	$\frac{P7}{h6}$	$\frac{R7}{h6}$	$\frac{S7}{h6}$	$\frac{T7}{h6}$	$\frac{U7}{h6}$				
h7					$\frac{E8}{h7}$	$\frac{F8}{h7}$		$\frac{H8}{h7}$	$\frac{JS8}{h7}$	$\frac{K8}{h7}$	$\frac{M8}{h7}$	$\frac{N8}{h7}$									
h8				$\frac{D8}{h8}$	$\frac{E8}{h8}$	$\frac{F8}{h8}$		$\frac{H8}{h8}$													
h9				$\frac{D9}{h9}$	$\frac{E9}{h9}$	$\frac{F9}{h9}$		$\frac{H9}{h9}$													
h10				$\frac{D10}{h10}$				$\frac{H10}{h10}$													
			$\frac{D10}{h10}$					$\frac{H10}{h10}$													
h11	$\frac{A11}{h11}$	$\frac{B11}{h11}$	$\frac{C11}{h11}$	$\frac{D11}{h11}$				$\frac{H11}{h11}$													
h12		$\frac{B12}{h12}$						$\frac{H12}{h12}$													

注：标注▼的配合为优先配合。

