

中国第一重型机械集团公司标准

极限与配合 标准公差等级
和孔、轴的极限偏差表GB/T 1800.4-1999
代替 GB 1801-79

基本尺寸 mm	A													B													C												
	9	10	11	12	13	8	9	10	11	12	13	8	9	10	11	12	13	8	9	10	11	12	13	8	9	10	11	12	13										
大于	+295	+310	+330	+370	+410	+154	+165	+180	+200	+240	+280	+74	+85	+100	+120	+160	+200	+240	+280	+320	+360	+400	+440	+74	+85	+100	+120	+160	+200										
3	+270	+270	+270	+270	+270	+140	+140	+140	+140	+140	+140	+60	+60	+60	+60	+60	+60	+60	+60	+60	+60	+60	+60	+60	+60	+60	+60	+60	+60										
6	+300	+318	+345	+390	+450	+158	+170	+188	+215	+260	+320	+88	+100	+118	+145	+190	+250	+310	+370	+430	+490	+550	+610	+88	+100	+118	+145	+190	+250										
10	+270	+270	+270	+270	+270	+140	+140	+140	+140	+140	+140	+70	+70	+70	+70	+70	+70	+70	+70	+70	+70	+70	+70	+70	+70	+70	+70	+70	+70										
18	+316	+338	+370	+430	+500	+172	+186	+208	+240	+300	+370	+102	+116	+138	+170	+230	+300	+370	+450	+530	+610	+690	+770	+102	+116	+138	+170	+230	+300										
30	+280	+280	+280	+280	+280	+150	+150	+150	+150	+150	+150	+80	+80	+80	+80	+80	+80	+80	+80	+80	+80	+80	+80	+80	+80	+80	+80	+80	+80										
40	+333	+360	+400	+470	+560	+177	+193	+220	+260	+330	+420	+122	+138	+165	+205	+275	+365	+465	+575	+695	+825	+965	+1115	+122	+138	+165	+205	+275	+365										
18	+290	+290	+290	+290	+290	+150	+150	+150	+150	+150	+150	+95	+95	+95	+95	+95	+95	+95	+95	+95	+95	+95	+95	+95	+95	+95	+95	+95	+95										
30	+352	+384	+430	+510	+630	+193	+212	+244	+290	+370	+490	+143	+162	+194	+240	+320	+440	+570	+710	+860	+1020	+1190	+1370	+143	+162	+194	+240	+320	+440										
40	+300	+300	+300	+300	+300	+160	+160	+160	+160	+160	+160	+110	+110	+110	+110	+110	+110	+110	+110	+110	+110	+110	+110	+110	+110	+110	+110	+110	+110										
30	+372	+410	+470	+560	+700	+209	+232	+270	+330	+420	+560	+159	+182	+220	+280	+370	+510	+660	+820	+990	+1170	+1360	+1560	+159	+182	+220	+280	+370	+510										
40	+310	+310	+310	+310	+310	+170	+170	+170	+170	+170	+170	+120	+120	+120	+120	+120	+120	+120	+120	+120	+120	+120	+120	+120	+120	+120	+120	+120	+120										
50	+382	+420	+480	+570	+710	+219	+242	+280	+340	+430	+570	+169	+192	+230	+290	+380	+520	+680	+850	+1030	+1220	+1420	+1630	+169	+192	+230	+290	+380	+520										
50	+320	+320	+320	+320	+320	+180	+180	+180	+180	+180	+180	+130	+130	+130	+130	+130	+130	+130	+130	+130	+130	+130	+130	+130	+130	+130	+130	+130	+130										
65	+414	+460	+530	+640	+800	+236	+264	+310	+380	+490	+650	+186	+214	+260	+330	+440	+600	+780	+970	+1170	+1380	+1600	+186	+214	+260	+330	+440	+600	+780										
65	+340	+340	+340	+340	+340	+190	+190	+190	+190	+190	+190	+140	+140	+140	+140	+140	+140	+140	+140	+140	+140	+140	+140	+140	+140	+140	+140	+140	+140										
80	+434	+480	+550	+660	+820	+246	+274	+320	+390	+500	+660	+196	+224	+270	+340	+450	+610	+790	+980	+1180	+1390	+1610	+196	+224	+270	+340	+450	+610	+790										
80	+360	+360	+360	+360	+360	+200	+200	+200	+200	+200	+200	+150	+150	+150	+150	+150	+150	+150	+150	+150	+150	+150	+150	+150	+150	+150	+150	+150	+150										
100	+467	+520	+600	+730	+920	+274	+307	+360	+440	+570	+760	+224	+257	+310	+390	+520	+710	+910	+1120	+1340	+1570	+1810	+224	+257	+310	+390	+520	+710	+910										
100	+380	+380	+380	+380	+380	+220	+220	+220	+220	+220	+220	+170	+170	+170	+170	+170	+170	+170	+170	+170	+170	+170	+170	+170	+170	+170	+170	+170	+170										
100	+497	+550	+630	+760	+950	+294	+327	+380	+460	+590	+780	+234	+267	+320	+400	+530	+720	+930	+1150	+1380	+1620	+1870	+234	+267	+320	+400	+530	+720	+930										
120	+410	+410	+410	+410	+410	+240	+240	+240	+240	+240	+240	+180	+180	+180	+180	+180	+180	+180	+180	+180	+180	+180	+180	+180	+180	+180	+180	+180	+180										
140	+560	+620	+710	+860	+1090	+323	+360	+420	+510	+660	+890	+263	+300	+360	+450	+600	+830	+1080	+1340	+1610	+1890	+2280	+263	+300	+360	+450	+600	+830	+1080										
140	+460	+460	+460	+460	+460	+260	+260	+260	+260	+260	+260	+200	+200	+200	+200	+200	+200	+200	+200	+200	+200	+200	+200	+200	+200	+200	+200	+200	+200										

注：表 1 标准公差数值见 GB/T 1800.3 表 1。

μm

续表 2 孔 A、B 和 C 的极限偏差

基本尺寸 mm	A						B						C					
	9	10	11	12	13	13	8	9	10	11	12	13	8	9	10	11	12	13
大于																		
140	+620 +520	+680 +520	+770 +520	+920 +520	+1 150 + 520	+1 150	+343 +280	+380 +280	+440 +280	+530 +280	+680 +280	+910 +280	+273 +210	+310 +210	+370 +210	+460 +210	+610 +210	+840 +210
160	+680 +580	+740 +580	+830 +580	+980 +580	+1 210 + 580	+1 210	+373 +310	+410 +310	+470 +310	+560 +310	+710 +310	+940 +310	+293 +230	+330 +230	+390 +230	+480 +230	+630 +230	+860 +230
180	+775 +660	+845 +660	+950 +660	+1 120 + 660	+1 380 + 660	+1 380	+412 +340	+455 +340	+525 +340	+630 +340	+800 +340	+1 060 + 340	+312 +240	+355 +240	+425 +240	+530 +240	+700 +240	+960 +240
200	+855 +740	+925 +740	+1 030 + 740	+1 200 + 740	+1 460 + 740	+1 460	+452 +380	+495 +380	+565 +380	+670 +380	+840 +380	+1 100 + 380	+332 +260	+375 +260	+445 +260	+550 +260	+720 +260	+980 +260
225	+935 +820	+1 005 + 820	+1 110 + 820	+1 280 + 820	+1 540 + 820	+1 540	+492 +420	+535 +420	+605 +420	+710 +420	+880 +420	+1 140 + 420	+352 +280	+395 +280	+465 +280	+570 +280	+740 +280	+1 000 + 280
250	+1 050 + 920	+1 130 + 920	+1 240 + 920	+1 440 + 920	+1 730 + 920	+1 730	+561 +480	+610 +480	+690 +480	+800 +480	+1 000 + 480	+1 290 + 480	+381 +300	+430 +300	+510 +300	+620 +300	+820 +300	+1 110 + 300
280	+1 180 +1 050	+1 260 +1 050	+1 370 +1 050	+1 570 +1 050	+1 860 +1 050	+1 860	+621 +540	+670 +540	+750 +540	+860 +540	+1 060 + 540	+1 350 + 540	+411 +330	+460 +330	+540 +330	+650 +330	+850 +330	+1 140 + 330
315	+1 340 +1 200	+1 430 +1 200	+1 560 +1 200	+1 770 +1 200	+2 000 +1 200	+2 000	+689 +600	+740 +600	+830 +600	+960 +600	+1 170 + 600	+1 490 + 600	+449 +360	+500 +360	+590 +360	+720 +360	+930 +360	+1 250 + 360
355	+1 490 +1 350	+1 580 +1 350	+1 710 +1 350	+1 920 +1 350	+2 240 +1 350	+2 240	+769 +680	+820 +680	+910 +680	+1 040 + 680	+1 250 + 680	+1 570 + 680	+489 +400	+540 +400	+630 +400	+760 +400	+970 +400	+1 290 + 400
400	+1 655 +1 500	+1 750 +1 500	+1 900 +1 500	+2 130 +1 500	+2 470 +1 500	+2 470	+857 +760	+915 +760	+1 010 + 760	+1 160 + 760	+1 390 + 760	+1 730 + 760	+537 +440	+595 +440	+690 +440	+840 +440	+1 070 + 440	+1 410 + 440
450	+1 805 +1 650	+1 900 +1 650	+2 050 +1 650	+2 280 +1 650	+2 620 +1 650	+2 620	+937 +840	+995 +840	+1 090 + 840	+1 240 + 840	+1 470 + 840	+1 810 + 840	+577 +480	+635 +480	+730 +480	+880 +480	+1 110 + 480	+1 450 + 480

注：基本尺寸小于 1 mm 时，各级的 A 和 B 均不采用。

续表 3 孔 CD、D 和 E 的极限偏差

μm

基本尺寸 mm	CD										D										E									
	大于	6	7	8	9	10	6	7	8	9	10	11	12	13	5	6	7	8	9	10	5	6	7	8	9	10				
315						+246	+210	+210	+299	+350	+440	+570	+780	+1 100	+150	+161	+182	+214	+265	+355	+125	+125	+125	+125	+125	+125				
400						+270	+230	+230	+327	+385	+480	+630	+860	+1 200	+162	+175	+198	+232	+290	+385	+135	+135	+135	+135	+135					
500						+304	+260	+260	+370	+435	+540	+700	+960	+1 360	+189	+189	+215	+255	+320	+425	+145	+145	+145	+145	+145					
630						+340	+290	+290	+415	+490	+610	+790	+1 090	+1 540	+210	+210	+240	+285	+360	+480	+160	+160	+160	+160	+160					
800						+376	+320	+320	+460	+550	+680	+880	+1 220	+1 720	+226	+226	+260	+310	+400	+530	+170	+170	+170	+170	+170					
1000						+416	+350	+350	+515	+610	+770	+1 010	+1 400	+2 000	+261	+261	+300	+360	+455	+615	+195	+195	+195	+195	+195					
1250						+468	+390	+390	+585	+700	+890	+1 170	+1 640	+2 340	+298	+298	+345	+415	+530	+720	+220	+220	+220	+220	+220					
1600						+522	+430	+430	+660	+800	+1 030	+1 350	+1 930	+2 730	+332	+332	+390	+470	+610	+840	+240	+240	+240	+240	+240					
2000						+590	+480	+480	+760	+920	+1 180	+1 580	+2 230	+3 280	+370	+370	+435	+540	+700	+960	+260	+260	+260	+260	+260					
2500						+655	+520	+520	+850	+1 060	+1 380	+1 870	+2 620	+3 820	+425	+425	+500	+620	+830	+1 150	+290	+290	+290	+290	+290					

注：各级的 CD 主要用于精密机械和钟表制造业。

表 4 孔 EF 和 F 的极限偏差

μm

基本尺寸 mm		EF								F							
大于	至	3	4	5	6	7	8	9	10	3	4	5	6	7	8	9	10
—	3	+12 +10	+13 +10	+14 +10	+16 +10	+20 +10	+24 +10	+35 +10	+50 +10	+8 +6	+9 +6	+10 +6	+12 +6	+16 +6	+20 +6	+31 +6	+46 +6
3	6	+16.5 +14	+18 +14	+19 +14	+22 +14	+26 +14	+32 +14	+44 +14	+62 +14	+12.5 +10	+14 +10	+15 +10	+18 +10	+22 +10	+28 +10	+40 +10	+58 +10
6	10	+20.5 +18	+22 +18	+24 +18	+27 +18	+33 +18	+40 +18	+54 +18	+76 +18	+15.5 +13	+17 +13	+19 +13	+22 +13	+28 +13	+35 +13	+49 +13	+71 +13
10	18									+19 +16	+21 +16	+24 +16	+27 +16	+34 +16	+43 +16	+59 +16	+86 +16
18	30									+24 +20	+26 +20	+29 +20	+33 +20	+41 +20	+53 +20	+72 +20	+104 +20
30	50									+29 +25	+32 +25	+36 +25	+41 +25	+50 +25	+64 +25	+87 +25	+125 +25
50	80											+43 +30	+49 +30	+60 +30	+76 +30	+104 +30	
80	120											+51 +36	+58 +36	+71 +36	+90 +36	+123 +36	
120	180											+61 +43	+68 +43	+83 +43	+106 +43	+143 +43	
180	250											+70 +50	+79 +50	+96 +50	+122 +50	+165 +50	
250	315											+79 +56	+88 +56	+108 +56	+137 +56	+186 +56	
315	400											+87 +62	+98 +62	+119 +62	+151 +62	+202 +62	
400	500											+95 +68	+108 +68	+131 +68	+165 +68	+223 +68	
500	630												+120 +76	+146 +76	+186 +76	+251 +76	
630	800												+130 +80	+160 +80	+205 +80	+280 +80	
800	1 000												+142 +86	+176 +86	+226 +86	+316 +86	
1 000	1 250												+164 +98	+203 +98	+263 +98	+358 +98	
1 250	1 600												+188 +110	+235 +110	+305 +110	+420 +110	
1 600	2 000												+212 +120	+270 +120	+350 +120	+490 +120	
2 000	2 500												+240 +130	+305 +130	+410 +130	+570 +130	
2 500	3 150												+280 +145	+355 +145	+475 +145	+685 +145	

注：各级的 EF 主要用于精密机械和钟表制造业。

表5 孔 FG 和 G 的极限偏差

 μm

基本尺寸 mm		FG								G							
大于	至	3	4	5	6	7	8	9	10	3	4	5	6	7	8	9	10
—	3	+6 +4	+7 +4	+8 +4	+10 +4	+14 +4	+18 +4	+29 +4	+44 +4	+4 +2	+5 +2	+6 +2	+8 +2	+12 +2	+16 +2	+27 +2	+42 +2
3	6	+8.5 +6	+10 +6	+11 +6	+14 +6	+18 +6	+24 +6	+36 +6	+54 +6	+6.5 +4	+8 +4	+9 +4	+12 +4	+16 +4	+22 +4	+34 +4	+52 +4
6	10	+10.5 +8	+12 +8	+14 +8	+17 +8	+23 +8	+30 +8	+44 +8	+66 +8	+7.5 +5	+9 +5	+11 +5	+14 +5	+20 +5	+27 +5	+41 +5	+63 +5
10	18									+9 +6	+11 +6	+14 +6	+17 +6	+24 +6	+33 +6	+49 +6	+76 +6
18	30									+11 +7	+13 +7	+16 +7	+20 +7	+28 +7	+40 +7	+59 +7	+91 +7
30	50									+13 +9	+16 +9	+20 +9	+25 +9	+34 +9	+48 +9	+71 +9	+109 +9
50	80											+23 +10	+29 +10	+40 +10	+56 +10		
80	120											+27 +12	+34 +12	+47 +12	+66 +12		
120	180											+32 +14	+39 +14	+54 +14	+77 +14		
180	250											+35 +15	+44 +15	+61 +15	+87 +15		
250	315											+40 +17	+49 +17	+69 +17	+98 +17		
315	400											+43 +18	+54 +18	+75 +18	+107 +18		
400	500											+47 +20	+60 +20	+83 +20	+117 +20		
500	630												+66 +22	+92 +22	+132 +22		
630	800												+74 +24	+104 +24	+149 +24		
800	1 000												+82 +26	+116 +26	+166 +26		
1 000	1 250												+94 +28	+133 +28	+193 +28		
1 250	1 600												+108 +30	+155 +30	+225 +30		
1 600	2 000												+124 +32	+182 +32	+262 +32		
2 000	2 500												+144 +34	+209 +34	+314 +34		
2 500	3 150												+173 +38	+248 +38	+368 +38		

注：各级的 FG 主要用于精密机械和钟表制造业。

表 6 孔 H 的极限偏差

基本尺寸 mm	H																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
大于	偏差																	
至	μm									mm								
—	+0.8 0	+1.2 0	+2 0	+3 0	+4 0	+6 0	+10 0	+14 0	+25 0	+40 0	+60 0	+0.1 0	+0.14 0	+0.25 0	+0.4 0	+0.6 0		
3	+1 0	+1.5 0	+2.5 0	+4 0	+5 0	+8 0	+12 0	+18 0	+30 0	+48 0	+75 0	+0.12 0	+0.18 0	+0.3 0	+0.48 0	+0.75 0	+1.2 0	+1.8 0
6	+1 0	+1.5 0	+2.5 0	+4 0	+6 0	+9 0	+15 0	+22 0	+36 0	+58 0	+90 0	+0.15 0	+0.22 0	+0.36 0	+0.58 0	+0.9 0	+1.5 0	+2.2 0
10	+1.2 0	+2 0	+3 0	+5 0	+8 0	+11 0	+18 0	+27 0	+43 0	+70 0	+110 0	+0.18 0	+0.27 0	+0.43 0	+0.7 0	+1.1 0	+1.8 0	+2.7 0
18	+1.5 0	+2.5 0	+4 0	+6 0	+9 0	+13 0	+21 0	+33 0	+52 0	+84 0	+130 0	+0.21 0	+0.33 0	+0.52 0	+0.84 0	+1.3 0	+2.1 0	+3.3 0
30	+1.5 0	+2.5 0	+4 0	+7 0	+11 0	+16 0	+25 0	+39 0	+62 0	+100 0	+160 0	+0.25 0	+0.39 0	+0.62 0	+1 0	+1.6 0	+2.5 0	+3.9 0
50	+2 0	+3 0	+5 0	+8 0	+13 0	+19 0	+30 0	+46 0	+74 0	+120 0	+190 0	+0.3 0	+0.46 0	+0.74 0	+1.2 0	+1.9 0	+3 0	+4.6 0
80	+2.5 0	+4 0	+6 0	+10 0	+15 0	+22 0	+35 0	+54 0	+87 0	+140 0	+220 0	+0.35 0	+0.54 0	+0.87 0	+1.4 0	+2.2 0	+3.5 0	+5.4 0
120	+3.5 0	+5 0	+8 0	+12 0	+18 0	+25 0	+40 0	+63 0	+100 0	+160 0	+250 0	+0.4 0	+0.63 0	+1 0	+1.6 0	+2.5 0	+4 0	+6.3 0
180	+4.5 0	+7 0	+10 0	+14 0	+20 0	+29 0	+46 0	+72 0	+115 0	+185 0	+290 0	+0.46 0	+0.72 0	+1.15 0	+1.85 0	+2.9 0	+4.6 0	+7.2 0
250	+6 0	+8 0	+12 0	+16 0	+23 0	+32 0	+52 0	+81 0	+130 0	+210 0	+320 0	+0.52 0	+0.81 0	+1.3 0	+2.1 0	+3.2 0	+5.2 0	+8.1 0

续表 6 孔 H 的极限偏差

基本尺寸 mm	H																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
大于	μm									mm								
至	偏差																	
315	+7	+9	+13	+18	+25	+36	+57	+89	+140	+230	+360	+0.57	+0.89	+1.4	+2.3	+3.6	+5.7	+8.9
400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500	+8	+10	+15	+20	+27	+40	+63	+97	+155	+250	+400	+0.63	+0.97	+1.55	+2.5	+4	+6.3	+9.7
630	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
800	+9	+11	+16	+22	+32	+44	+70	+110	+175	+280	+440	+0.7	+1.1	+1.75	+2.8	+4.4	+7	+11
1 000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 250	+10	+13	+18	+25	+36	+50	+80	+125	+200	+320	+500	+0.8	+1.25	+2	+3.2	+5	+8	+12.5
1 600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 000	+11	+15	+21	+28	+40	+56	+90	+140	+230	+360	+560	+0.9	+1.4	+2.3	+3.6	+5.6	+9	+14
2 500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 150	+13	+18	+24	+33	+47	+66	+105	+165	+260	+420	+660	+1.05	+1.65	+2.6	+4.2	+6.6	+10.5	+16.5
4 000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 000	+15	+21	+29	+39	+55	+78	+125	+195	+310	+500	+780	+1.25	+1.95	+3.1	+5	+7.8	+12.5	+19.5
6 300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 000	+18	+25	+35	+46	+65	+92	+150	+230	+370	+600	+920	+1.5	+2.3	+3.7	+6	+9.2	+15	+23
10 000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 500	+22	+30	+41	+55	+78	+110	+175	+280	+440	+700	+1100	+1.75	+2.8	+4.4	+7	+11	+17.5	+28
16 000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 000	+26	+36	+50	+68	+96	+135	+210	+330	+540	+860	+1350	+2.1	+3.3	+5.4	+8.6	+13.5	+21	+33
25 000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

注:

- 1 IT14 至 IT18 只用于大于 1 mm 的基本尺寸。
- 2 带底纹框的数值,即基本尺寸大于 500~3 150 mm, IT1 至 IT5 的偏差值,为试用的。

表7 孔 JS 的极限偏差

		JS																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
大于	至	μm									mm								
		3	6	10	18	30	50	80	120	180	3	6	10	18	30	50	80	120	180
—	3	± 0.4	± 0.6	± 1	± 1.5	± 2	± 3	± 5	± 7	± 12	± 20	± 30	± 0.05	± 0.07	± 0.125	± 0.2	± 0.3		
3	6	± 0.5	± 0.75	± 1.25	± 2	± 2.5	± 4	± 6	± 9	± 15	± 24	± 37	± 0.06	± 0.09	± 0.15	± 0.24	± 0.375	± 0.6	± 0.9
6	10	± 0.5	± 0.75	± 1.25	± 2	± 3	± 4.5	± 7	± 11	± 18	± 29	± 46	± 0.075	± 0.11	± 0.18	± 0.29	± 0.45	± 0.75	± 1.1
10	18	± 0.6	± 1	± 1.5	± 2.5	± 4	± 5.5	± 9	± 13	± 21	± 36	± 55	± 0.09	± 0.135	± 0.215	± 0.35	± 0.55	± 0.9	± 1.35
18	30	± 0.75	± 1.25	± 2	± 3	± 4.5	± 6.5	± 10	± 16	± 26	± 42	± 65	± 0.105	± 0.165	± 0.26	± 0.42	± 0.65	± 1.05	± 1.65
30	50	± 0.75	± 1.25	± 2	± 3.5	± 5.5	± 8	± 12	± 19	± 31	± 50	± 80	± 0.125	± 0.195	± 0.31	± 0.5	± 0.8	± 1.25	± 1.95
50	80	± 1	± 1.5	± 2.5	± 4	± 6.5	± 9.5	± 15	± 23	± 37	± 60	± 95	± 0.15	± 0.23	± 0.37	± 0.6	± 0.95	± 1.5	± 2.3
80	120	± 1.25	± 2	± 3	± 5	± 7.5	± 11	± 17	± 27	± 43	± 70	± 110	± 0.175	± 0.27	± 0.435	± 0.7	± 1.1	± 1.75	± 2.7
120	180	± 1.75	± 2.5	± 4	± 6	± 9	± 12.5	± 20	± 31	± 50	± 80	± 125	± 0.2	± 0.315	± 0.5	± 0.8	± 1.25	± 2	± 3.15
180	250	± 2.25	± 3.5	± 5	± 7	± 10	± 14.5	± 23	± 36	± 57	± 92	± 145	± 0.23	± 0.36	± 0.575	± 0.925	± 1.45	± 2.3	± 3.6
250	315	± 3	± 4	± 6	± 8	± 11.5	± 16	± 26	± 40	± 65	± 105	± 160	± 0.28	± 0.405	± 0.65	± 1.05	± 1.6	± 2.6	± 4.05
315	400	± 3.5	± 4.5	± 6.5	± 9	± 12.5	± 18	± 28	± 44	± 70	± 115	± 180	± 0.285	± 0.445	± 0.7	± 1.15	± 1.8	± 2.85	± 4.45
400	500	± 4	± 5	± 7.5	± 10	± 13.5	± 20	± 31	± 48	± 77	± 125	± 200	± 0.315	± 0.485	± 0.775	± 1.25	± 2	± 3.15	± 4.85
500	630	± 4.5	± 5.5	± 8	± 11	± 16	± 22	± 35	± 55	± 87	± 140	± 220	± 0.35	± 0.55	± 0.875	± 1.4	± 2.2	± 3.5	± 5.5
630	800	± 5	± 6.5	± 9	± 12.5	± 18	± 25	± 40	± 62	± 100	± 160	± 250	± 0.4	± 0.625	± 1	± 1.6	± 2.5	± 4	± 6.25
800	1 000	± 5.5	± 7.5	± 10.5	± 14	± 20	± 28	± 45	± 70	± 115	± 180	± 280	± 0.45	± 0.7	± 1.15	± 1.8	± 2.8	± 4.5	± 7
1 000	1 250	± 6.5	± 9	± 12	± 16.5	± 23.5	± 33	± 52	± 82	± 130	± 210	± 330	± 0.525	± 0.825	± 1.3	± 2.1	± 3.3	± 5.25	± 8.25
1 250	1 600	± 7.5	± 10.5	± 14.5	± 19.5	± 27.5	± 39	± 62	± 97	± 155	± 250	± 390	± 0.625	± 0.975	± 1.55	± 2.5	± 3.9	± 6.25	± 9.75
1 600	2 000	± 9	± 12.5	± 17.5	± 23	± 32.5	± 46	± 75	± 115	± 185	± 300	± 460	± 0.75	± 1.15	± 1.85	± 3	± 4.6	± 7.5	± 11.5
2 000	2 500	± 11	± 15	± 20.5	± 27.5	± 39	± 55	± 87	± 140	± 220	± 350	± 550	± 0.875	± 1.4	± 2.2	± 3.5	± 5.5	± 8.75	± 14
2 500	3 150	± 13	± 18	± 25	± 34	± 48	± 67.5	± 105	± 165	± 270	± 430	± 675	± 1.05	± 1.65	± 2.7	± 4.3	± 6.75	± 10.5	± 16.5

注: 1 为避免相同值的重复, 表列值以“ $\pm X$ ”给出, 可为 $ES=+X$ 、 $EI=-X$, 例如, $^{+0.23}_{-0.23}$ mm。

2 IT14 至 IT18 只用于大于 1 mm 的基本尺寸。

3 带底纹框的数值, 即基本尺寸大于 500~3 150 mm, IT1 至 IT5 的偏差值, 为试用的。

表 8 孔 J 和 K 的极限偏差

 μm

基本尺寸 mm		J				K							
大于	至	6	7	8	9	3	4	5	6	7	8	9	10
—	3	+2 -4	+4 -6	+6 +8		0 -2	0 -3	0 -4	0 -6	0 -10	0 -14	0 -25	0 -40
3	6	+5 -3	± 6	+10 -8		0 -2.5	+0.5 -3.5	0 -5	+2 -6	+3 -9	+5 -13		
6	10	+5 -4	+8 -7	+12 -10		0 -2.5	+0.5 -3.5	+1 -5	+2 -7	+5 -10	+6 -16		
10	18	+6 -5	+10 -8	+15 -12		0 -3	+1 -4	+2 -6	+2 -9	+6 -12	+8 -19		
18	30	+8 -5	+12 -9	+20 -13		-0.5 -4.5	0 -6	+1 -8	+2 -11	+6 -15	+10 -23		
30	50	+10 -6	+14 -11	+24 -15		-0.5 -4.5	+1 -6	+2 -9	+3 -13	+7 -18	+12 -27		
50	80	+13 -6	+18 -12	+28 -18				+3 -10	+4 -15	+9 -21	+14 -32		
80	120	+16 -6	+22 -13	+34 -20				+2 -13	+4 -18	+10 -25	+16 -38		
120	180	+18 -7	+26 -14	+41 -22				+3 -15	+4 -21	+12 -28	+20 -43		
180	250	+22 -7	+30 -16	+47 -25				+2 -18	+5 -24	+13 -33	+22 -50		
250	315	+25 -7	+36 -16	+55 -26				+3 -20	+5 -27	+16 -36	+25 -56		
315	400	+29 -7	+39 -18	+60 -29				+3 -22	+7 -29	+17 -40	+28 -61		
400	500	+33 -7	+43 -20	+66 -31				+2 -25	+8 -32	+18 -45	+29 -68		
500	630								0 -44	0 -70	0 -110		
630	800								0 -50	0 -80	0 -125		
800	1 000								0 -56	0 -90	0 -140		
1 000	1 250								0 -66	0 -105	0 -165		
1 250	1 600								0 -78	0 -125	0 -195		
1 600	2 000								0 -92	0 -150	0 -230		
2 000	2 500								0 -110	0 -175	0 -280		
2 500	3 150								0 -135	0 -210	0 -330		

注:

- 1 J9、J10 等公差带对称于零线，其偏差值可见 JS9、JS10 等。
- 2 基本尺寸大于 3mm 时，大于 IT8 的 K 的偏差值不作规定。
- 3 基本尺寸大于 3~6mm 的 J7 的偏差值与对应尺寸段的 JS7 等值。

表9 孔 M 和 N 的极限偏差

μm

基本尺寸 mm		M								N												
大于	至	3	4	5	6	7	8	9	10	3	4	5	6	7	8	9	10	11				
—	3	-2 -4	-2 -5	-2 -6	-2 -8	-2 -12	-2 -16	-2 -27	-2 -42	-4 -6	-4 -7	-4 -8	-4 -10	-4 -14	-4 -18	-4 -29	-4 -44	-4 -64				
3	6	-3 -5.5	-2.5 -6.5	-3 -8	-1 -9	0 -12	+2 -16	-4 -34	-4 -52	-7 -9.5	-6.5 -10.5	-7 -12	-5 -13	-4 -16	-2 -20	0 -30	0 -48	0 -75				
6	10	-5 -7.5	-4.5 -8.5	-4 -10	-3 -12	0 -15	+1 -21	-6 -42	-6 -64	-9 -11.5	-8.5 -12.5	-8 -14	-7 -16	-4 -19	-3 -25	0 -36	0 -58	0 -90				
10	18	-6 -9	-5 -10	-4 -12	-4 -15	0 -18	+2 -25	-7 -50	-7 -77	-11 -14	-10 -15	-9 -17	-9 -20	-5 -23	-3 -30	0 -43	0 -70	0 -110				
18	30	-6.5 -10.5	-6 -12	-5 -14	-4 -17	0 -21	+4 -29	-8 -60	-8 -92	-13.5 -17.5	-13 -19	-12 -21	-11 -24	-7 -28	-3 -36	0 -52	0 -84	0 -130				
30	50	-7.5 -11.5	-6 -13	-5 -16	-4 -20	0 -25	+5 -34	-9 -71	-9 -109	-15.5 -19.5	-14 -21	-13 -24	-12 -28	-8 -33	-3 -42	0 -62	0 -100	0 -160				
50	80			-6 -19	-5 -24	0 -30	+5 -41							-15 -28	-14 -33	-9 -39	-4 -50	0 -74	0 -120	0 -190		
80	120			-8 -23	-6 -28	0 -35	+6 -48							-18 -33	-16 -38	-10 -45	-4 -58	0 -87	0 -140	0 -220		
120	180			-9 -27	-8 -33	0 -40	+8 -55							-21 -39	-20 -45	-12 -52	-4 -67	0 -100	0 -160	0 -250		
180	250			-11 -31	-8 -37	0 -46	+9 -63							-25 -45	-22 -51	-14 -60	-5 -77	0 -115	0 -185	0 -290		
250	315			-13 -36	-9 -41	0 -52	+9 -72							-27 -50	-25 -57	-14 -66	-5 -86	0 -130	0 -210	0 -320		
315	400			-14 -39	-10 -46	0 -57	+11 -78							-30 -55	-26 -62	-16 -73	-5 -94	0 -140	0 -230	0 -360		
400	500			-16 -43	-10 -50	0 -63	+11 -86							-33 -60	-27 -67	-17 -80	-6 -103	0 -155	0 -250	0 -400		
500	630				-26 -70	-26 -96	-26 -136												-44 -88	-44 -114	-44 -154	-44 -219
630	800				-30 -80	-30 -110	-30 -155												-50 -100	-50 -130	-50 -175	-50 -250
800	1 000				-34 -90	-34 -124	-34 -174												-56 -112	-56 -146	-56 -196	-56 -286
1 000	1 250				-40 -106	-40 -145	-40 -205												-66 -132	-66 -171	-66 -231	-66 -326
1 250	1 600				-48 -126	-48 -173	-48 -243												-78 -156	-78 -203	-78 -273	-78 -388
1 600	2 000				-58 -150	-58 -208	-58 -288												-92 -184	-92 -242	-92 -322	-92 -462
2 000	2 500				-68 -178	-68 -243	-68 -348												-110 -220	-110 -285	-110 -390	-110 -550
2 500	3 150				-76 -211	-76 -286	-76 -406												-135 -270	-135 -345	-135 -465	-135 -675

注：公差带 N9、N10 和 N11 只用于大于 1 mm 的基本尺寸。

表 10 孔 P 的极限偏差

 μm

基本尺寸 mm		P							
大于	至	3	4	5	6	7	8	9	10
—	3	-6 -8	-6 -9	-6 -10	-6 -12	-6 -16	-6 -20	-6 -31	-6 -46
3	6	-11 -13.5	-10.5 -14.5	-11 -16	-9 -17	-8 -20	-12 -30	-12 -42	-12 -60
6	10	-14 -16.5	-13.5 -17.5	-13 -19	-12 -21	-9 -24	-15 -37	-15 -51	-15 -73
10	18	-17 -20	-16 -21	-15 -23	-15 -26	-11 -29	-18 -45	-18 -61	-18 -88
18	30	-20.5 -24.5	-20 -26	-19 -28	-18 -31	-14 -35	-22 -55	-22 -74	-22 -106
30	50	-24.5 -28.5	-23 -30	-22 -33	-21 -37	-17 -42	-26 -65	-26 -88	-26 -126
50	80			-27 -40	-26 -45	-21 -51	-32 -78	-32 -106	
80	120			-32 -47	-30 -52	-24 -59	-37 -91	-37 -124	
120	180			-37 -55	-36 -61	-28 -68	-43 -106	-43 -143	
180	250			-44 -64	-41 -70	-33 -79	-50 -122	-50 -165	
250	315			-49 -72	-47 -79	-36 -88	-56 -137	-56 -186	
315	400			-55 -80	-51 -87	-41 -98	-62 -151	-62 -202	
400	500			-61 -88	-55 -95	-45 -108	-68 -165	-68 -223	
500	630				-78 -122	-78 -148	-78 -188	-78 -253	
630	800				-88 -138	-88 -168	-88 -213	-88 -288	
800	1 000				-100 -156	-100 -190	-100 -240	-100 -330	
1 000	1 250				-120 -186	-120 -225	-120 -285	-120 -380	
1 250	1 600				-140 -218	-140 -265	-140 -335	-140 -450	
1 600	2 000				-170 -262	-170 -320	-170 -400	-170 -540	
2 000	2 500				-195 -305	-195 -370	-195 -475	-195 -635	
2 500	3 150				-240 -375	-240 -450	-240 -570	-240 -780	

表 11 孔 R 的极限偏差

 μm

基本尺寸 mm		R							
大于	至	3	4	5	6	7	8	9	10
—	3	-10 -12	-10 -13	-10 -14	-10 -16	-10 -20	-10 -24	-10 -35	-10 -50
3	6	-14 -16.5	-13.5 -17.5	-14 -19	-12 -20	-11 -23	-15 -33	-15 -45	-15 -63
6	10	-18 -20.5	-17.5 -21.5	-17 -23	-16 -25	-13 -28	-19 -41	-19 -55	-19 -77
10	18	-22 -25	-21 -26	-20 -28	-20 -31	-16 -34	-23 -50	-23 -66	-23 -93
18	30	-26.5 -30.5	-26 -32	-25 -34	-24 -37	-20 -41	-28 -61	-28 -80	-10 -112
30	50	-32.5 -36.5	-31 -38	-30 -41	-29 -45	-25 -50	-34 -73	-34 -96	-34 -134
50	65			-36 -49	-35 -54	-30 -60	-41 -87		
65	80			-38 -51	-37 -56	-32 -62	-43 -89		
80	100			-46 -61	-44 -66	-38 -73	-51 -105		
100	120			-49 -64	-47 -69	-41 -76	-54 -108		
120	140			-57 -75	-56 -81	-48 -88	-63 -126		
140	160			-59 -77	-58 -83	-50 -90	-65 -128		
160	180			-62 -80	-61 -86	-53 -93	-68 -131		
180	200			-71 -91	-68 -97	-60 -106	-77 -149		
200	225			-74 -94	-71 -100	-63 -109	-80 -152		
225	250			-78 -98	-75 -104	-67 -113	-84 -156		
250	280			-87 -110	-85 -117	-74 -126	-94 -175		
280	315			-91 -114	-89 -121	-78 -130	-98 -179		
315	355			-101 -126	-97 -133	-87 -144	-108 -197		

续表 11 孔 R 的极限偏差

 μm

基本尺寸 mm		R							
大于	至	3	4	5	6	7	8	9	10
355	400			-107 -132	-103 -139	- 93 -150	-114 -203		
400	450			-119 -146	-113 -153	-103 -166	-126 -223		
450	500			-125 -152	-119 -159	-109 -172	-132 -229		
500	560				-150 -194	-150 -220	-150 -260		
560	630				-155 -199	-155 -225	-155 -265		
630	710				-175 -225	-175 -255	-175 -300		
710	800				-185 -235	-185 -265	-185 -310		
800	900				-210 -266	-210 -300	-210 -350		
900	1 000				-220 -276	-220 -310	-220 -360		
1 000	1 120				-250 -316	-250 -355	-250 -415		
1 120	1 250				-260 -326	-260 -365	-260 -425		
1 250	1 400				-300 -378	-300 -425	-300 -495		
1 400	1 600				-330 -408	-330 -455	-330 -525		
1 600	1 800				-370 -462	-370 -520	-370 -600		
1 800	2 000				-400 -492	-400 -550	-400 -630		
2 000	2 240				-440 -550	-440 -615	-440 -720		
2 240	2 500				-460 -570	-460 -635	-460 -740		
2 500	2 800				-550 -685	-550 -760	-550 -880		
2 800	3 150				-580 -715	-580 -790	-580 -910		

表 12 孔 S 的极限偏差

 μm

基本尺寸 mm		S							
大于	至	3	4	5	6	7	8	9	10
—	3	-14 -16	-14 -17	-14 -18	-14 -20	-14 -24	-14 -28	-14 -39	-14 -54
3	6	-18 -20.5	-17.5 -21.5	-18 -23	-16 -24	-15 -27	-19 -37	-19 -49	-19 -67
6	10	-22 -24.5	-21.5 -25.5	-21 -27	-20 -29	-17 -32	-23 -45	-23 -59	-23 -81
10	18	-27 -30	-26 -31	-25 -33	-25 -36	-21 -39	-28 -55	-28 -71	-28 -98
18	30	-33.5 -37.5	-33 -39	-32 -41	-31 -44	-27 -48	-35 -68	-35 -87	-35 -119
30	50	-41.5 -45.5	-40 -47	-39 -50	-38 -54	-34 -59	-43 -82	-43 -105	-43 -143
50	65			-48 -61	-47 -66	-42 -72	-53 -99	-53 -127	
65	80			-54 -67	-53 -72	-48 -78	-59 -105	-59 -133	
80	100			-66 -81	-64 -86	-58 -93	-71 -125	-71 -158	
100	120			-74 -89	-72 -94	-66 -101	-79 -133	-79 -166	
120	140			-86 -104	-85 -110	-77 -117	-92 -155	-92 -192	
140	160			-94 -112	-93 -118	-85 -125	-100 -163	-100 -200	
160	180			-102 -120	-101 -126	-93 -133	-108 -171	-108 -208	
180	200			-116 -136	-113 -142	-105 -151	-122 -194	-122 -237	
200	225			-124 -144	-121 -150	-113 -159	-130 -202	-130 -245	
225	250			-134 -154	-131 -160	-123 -169	-140 -212	-140 -255	
250	280			-151 -174	-149 -181	-138 -190	-158 -239	-158 -288	
280	315			-163 -186	-161 -193	-150 -202	-170 -251	-170 -300	
315	355			-183 -208	-179 -215	-169 -226	-190 -279	-190 -330	

续表 12 孔 S 的极限偏差

 μm

基本尺寸 mm		S							
大于	至	3	4	5	6	7	8	9	10
355	400			-201 -226	-197 -233	-187 -244	-208 -297	-208 -348	
400	450			-225 -252	-219 -259	-209 -272	-232 -329	-232 -387	
450	500			-245 -272	-239 -279	-229 -292	-252 -349	-252 -407	
500	560				-280 -324	-280 -350	-280 -390		
560	630				-310 -354	-310 -380	-310 -420		
630	710				-340 -390	-340 -420	-340 -465		
710	800				-380 -430	-380 -460	-380 -505		
800	900				-430 -486	-430 -520	-430 -570		
900	1 000				-470 -526	-470 -560	-470 -610		
1 000	1 120				-520 -586	-520 -625	-520 -685		
1 120	1 250				-580 -646	-580 -685	-580 -745		
1 250	1 400				-640 -718	-640 -765	-640 -835		
1 400	1 600				-720 -798	-720 -845	-720 -915		
1 600	1 800				-820 -912	-820 -970	-820 -1 050		
1 800	2 000				-920 -1 012	-920 -1 070	-920 -1 150		
2 000	2 240				-1 000 -1 110	-1 000 -1 175	-1 000 -1 280		
2 240	2 500				-1 100 -1 210	-1 100 -1 275	-1 100 -1 380		
2 500	2 800				-1 250 -1 385	-1 250 -1 460	-1 250 -1 580		
2 800	3 150				-1 400 -1 535	-1 400 -1 610	-1 400 -1 730		

表 13 孔 T 和 U 的极限偏差

 μm

基本尺寸 mm		T				U					
大于	至	5	6	7	8	5	6	7	8	9	10
—	3					-18 -22	-18 -24	-18 -28	-18 -32	-18 -43	-18 -58
3	6					-22 -27	-20 -28	-19 -31	-23 -41	-23 -53	-23 -71
6	10					-26 -32	-25 -34	-22 -37	-28 -50	-28 -64	-28 -86
10	18					-30 -38	-30 -41	-26 -44	-33 -60	-33 -76	-33 -103
18	24					-38 -47	-37 -50	-33 -54	-41 -74	-41 -93	-41 -125
24	30	-38 -47	-37 -50	-33 -54	-41 -74	-45 -54	-44 -57	-40 -61	-48 -81	-48 -100	-48 -132
30	40	-44 -55	-43 -59	-39 -64	-48 -87	-56 -67	-55 -71	-51 -76	-60 -99	-60 -122	-60 -160
40	50	-50 -61	-49 -65	-45 -70	-54 -93	-66 -77	-65 -81	-61 -86	-70 -109	-70 -132	-70 -170
50	65		-60 -79	-55 -85	-66 -112		-81 -100	-76 -106	-87 -133	-87 -161	-87 -207
65	80		-69 -88	-64 -94	-75 -121		-96 -115	-91 -121	-102 -148	-102 -176	-102 -222
80	100		-84 -106	-78 -113	-91 -145		-117 -139	-111 -146	-124 -178	-124 -211	-124 -264
100	120		-97 -119	-91 -126	-104 -158		-137 -159	-131 -166	-144 -198	-144 -231	-144 -284
120	140		-115 -140	-107 -147	-122 -185		-163 -188	-155 -195	-170 -233	-170 -270	-170 -330
140	160		-127 -152	-119 -159	-134 -197		-183 -208	-175 -215	-190 -253	-190 -290	-190 -350
160	180		-139 -164	-131 -171	-146 -209		-203 -228	-195 -235	-210 -273	-210 -310	-210 -370
180	200		-157 -186	-149 -195	-166 -238		-227 -256	-219 -265	-236 -308	-236 -351	-236 -421
200	225		-171 -200	-163 -209	-180 -252		-249 -278	-241 -287	-258 -330	-258 -373	-258 -443
225	250		-187 -216	-179 -225	-196 -268		-275 -304	-267 -313	-284 -356	-284 -399	-284 -469
250	280		-209 -241	-198 -250	-218 -299		-306 -338	-295 -347	-315 -396	-315 -445	-315 -525
280	315		-231 -263	-220 -272	-240 -321		-341 -373	-330 -382	-350 -431	-350 -480	-350 -560

续表 13 孔 T 和 U 的极限偏差

μm

基本尺寸 mm		T				U					
大于	至	5	6	7	8	5	6	7	8	9	10
315	355		-257 -293	-247 -304	-268 -357		-379 -415	-369 -426	-390 -479	-390 -530	-390 -620
355	400		-283 -319	-273 -330	-294 -383		-424 -460	-414 -471	-435 -524	-435 -575	-435 -665
400	450		-317 -357	-307 -370	-330 -427		-477 -517	-467 -530	-490 -587	-490 -645	-490 -740
450	500		-347 -387	-337 -400	-360 -457		-527 -567	-517 -580	-540 -637	-540 -695	-540 -790
500	560		-400 -444	-400 -470	-400 -510		-600 -644	-600 -670	-600 -710		
560	630		-450 -494	-450 -520	-450 -560		-660 -704	-660 -730	-660 -770		
630	710		-500 -550	-500 -580	-500 -625		-740 -790	-740 -820	-740 -865		
710	800		-560 -610	-560 -640	-560 -685		-840 -890	-840 -920	-840 -965		
800	900		-620 -676	-620 -710	-620 -760		-940 -996	-940 -1 030	-940 -1 080		
900	1 000		-680 -736	-680 -770	-680 -820		-1 050 -1 106	-1 050 -1 140	-1 050 -1 190		
1 000	1 120		-780 -846	-780 -885	-780 -945		-1 150 -1 216	-1 150 -1 255	-1 150 -1 315		
1 120	1 250		-840 -906	-840 -945	-840 -1 005		-1 300 -1 366	-1 300 -1 405	-1 300 -1 465		
1 250	1 400		-960 -1 038	-960 -1 085	-960 -1 155		-1 450 -1 528	-1 450 -1 575	-1 450 -1 645		
1 400	1 600		-1 050 -1 128	-1 050 -1 175	-1 050 -1 245		-1 600 -1 678	-1 600 -1 725	-1 600 -1 795		
1 600	1 800		-1 200 -1 292	-1 200 -1 360	-1 200 -1 430		-1 850 -1 942	-1 850 -2 000	-1 850 -2 080		
1 800	2 000		-1 350 -1 442	-1 350 -1 500	-1 350 -1 580		-2 000 -2 092	-2 000 -2 150	-2 000 -2 230		
2 000	2 240		-1 500 -1 610	-1 500 -1 675	-1 500 -1 780		-2 300 -2 410	-2 300 -2 475	-2 300 -2 580		
2 240	2 500		-1 650 -1 760	-1 650 -1 825	-1 650 -1 930		-2 500 -2 610	-2 500 -2 675	-2 500 -2 780		
2 500	2 800		-1 900 -2 035	-1 900 -2 110	-1 900 -2 230		-2 900 -3 035	-2 900 -3 110	-2 900 -3 230		
2 800	3 150		-2 100 -2 235	-2 100 -2 310	-2 100 -2 430		-3 200 -3 335	-3 200 -3 410	-3 200 -3 530		

注：基本尺寸至 24 mm 的 T5 至 T8 的偏差值未列入表内，建议以 U5 至 U8 代替。如非要 T5 至 T8，则可按 GB/T 1800.3 计算。

表 14 孔 V、X 和 Y 的极限偏差

 μm

基本尺寸 mm		V				X						Y				
大于	至	5	6	7	8	5	6	7	8	9	10	6	7	8	9	10
—	3					-20 -24	-20 -26	-20 -30	-20 -34	-20 -45	-20 -60					
3	6					-27 -32	-25 -33	-24 -36	-28 -46	-28 -58	-28 -76					
6	10					-32 -38	-31 -40	-28 -43	-34 -56	-34 -70	-34 -92					
10	14					-37 -45	-37 -48	-33 -51	-40 -67	-40 -83	-40 -110					
14	18	-36 -44	-36 -47	-32 -50	-39 -66	-42 -50	-42 -53	-38 -56	-45 -72	-45 -88	-45 -115					
18	24	-44 -53	-43 -56	-39 -60	-47 -80	-51 -60	-50 -63	-46 -67	-54 -87	-54 -106	-54 -138	-59 -72	-55 -76	-63 -96	-63 -115	-63 -147
24	30	-52 -61	-51 -64	-47 -68	-55 -88	-61 -70	-60 -73	-56 -77	-64 -97	-64 -116	-64 -148	-71 -84	-67 -88	-75 -108	-75 -127	-75 -159
30	40	-64 -75	-63 -79	-59 -84	-68 -107	-76 -87	-75 -91	-71 -96	-80 -119	-80 -142	-80 -180	-89 -105	-85 -110	-94 -133	-94 -156	-94 -194
40	50	-77 -88	-76 -92	-72 -97	-81 -120	-93 -104	-92 -108	-88 -113	-97 -136	-97 -159	-97 -197	-109 -125	-105 -130	-114 -153	-114 -176	-114 -214
50	65		-96 -115	-91 -121	-102 -148		-116 -135	-111 -141	-122 -168	-122 -196		-138 -157	-133 -163	-144 -190		
65	80		-114 -133	-109 -139	-120 -166		-140 -159	-135 -165	-146 -192	-146 -220		-168 -187	-163 -193	-174 -220		
80	100		-139 -161	-133 -168	-146 -200		-171 -193	-165 -200	-178 -232	-178 -265		-207 -229	-201 -236	-214 -268		
100	120		-165 -187	-159 -194	-172 -226		-203 -225	-197 -232	-210 -264	-210 -297		-247 -269	-241 -276	-254 -308		
120	140		-195 -220	-187 -227	-202 -265		-241 -266	-233 -273	-248 -311	-248 -348		-293 -318	-285 -325	-300 -363		
140	160		-221 -246	-213 -253	-228 -291		-273 -298	-265 -305	-280 -343	-280 -380		-333 -358	-325 -365	-340 -403		
160	180		-245 -270	-237 -277	-252 -315		-303 -328	-295 -335	-310 -373	-310 -410		-373 -398	-365 -405	-380 -443		
180	200		-275 -304	-267 -313	-284 -356		-341 -370	-333 -379	-350 -422	-350 -465		-416 -445	-408 -454	-425 -497		
200	225		-301 -330	-293 -339	-310 -382		-376 -405	-368 -414	-385 -457	-385 -500		-461 -490	-453 -499	-470 -542		
225	250		-331 -360	-323 -369	-340 -412		-416 -445	-408 -454	-425 -497	-425 -540		-511 -540	-503 -549	-520 -592		

续表 14 孔 V、X 和 Y 的极限偏差

μm

基本尺寸 mm		V				X						Y				
大于	至	5	6	7	8	5	6	7	8	9	10	6	7	8	9	10
250	280		-376 -408	-365 -417	-385 -466		-466 -498	-455 -507	-475 -556	-475 -605		-571 -603	-560 -612	-580 -661		
280	315		-416 -448	-405 -457	-425 -506		-516 -548	-505 -557	-525 -606	-525 -655		-641 -673	-630 -682	-650 -731		
315	355		-464 -500	-454 -511	-475 -564		-579 -615	-569 -626	-590 -679	-590 -730		-719 -755	-709 -766	-730 -819		
355	400		-519 -555	-509 -566	-530 -619		-649 -685	-639 -696	-660 -749	-660 -800		-809 -845	-799 -856	-820 -909		
400	450		-582 -622	-572 -635	-595 -692		-727 -767	-717 -780	-740 -837	-740 -895		-907 -947	-897 -960	-920 -1 017		
450	500		-647 -687	-637 -700	-660 -757		-807 -847	-797 -860	-820 -917	-820 -975		-987 -1 027	-977 -1 040	-1 000 -1 097		

注：
 1 基本尺寸至 14 mm 的 V5 至 V8 的偏差值未列入表内，建议以 X5 至 X8 代替。如非要 V5 至 V8，则可按 GB/T 1800.3 计算。
 2 基本尺寸至 18 mm 的 Y6 至 Y10 的偏差值未列入表内，建议以 Z6 至 Z10 代替。如非要 Y6 至 Y10，则可按 GB/T 1800.3 计算。

表 15 孔 Z 和 ZA 的极限偏差

μm

基本尺寸 mm		Z						ZA					
大于	至	6	7	8	9	10	11	6	7	8	9	10	11
—	3	-26 -32	-26 -36	-26 -40	-26 -51	-26 -66	-26 -86	-32 -38	-32 -42	-32 -46	-32 -57	-32 -72	-32 -92
3	6	-32 -40	-31 -43	-35 -53	-35 -65	-35 -83	-35 -110	-39 -47	-38 -50	-42 -60	-42 -72	-42 -90	-42 -117
6	10	-39 -48	-36 -51	-42 -64	-42 -78	-42 -100	-42 -132	-49 -58	-46 -61	-52 -74	-52 -88	-52 -110	-52 -142
10	14	-47 -58	-43 -61	-50 -77	-50 -93	-50 -120	-50 -160	-61 -72	-57 -75	-64 -91	-64 -107	-64 -134	-64 -174
14	18	-57 -68	-53 -71	-60 -87	-60 -103	-60 -130	-60 -170	-74 -85	-70 -88	-77 -104	-77 -120	-77 -147	-77 -187
18	24	-69 -82	-65 -86	-73 -106	-73 -125	-73 -157	-73 -203	-94 -107	-90 -111	-98 -131	-98 -150	-98 -182	-98 -228
24	30	-84 -97	-80 -101	-88 -121	-88 -140	-88 -172	-88 -218	-114 -127	-110 -131	-118 -151	-118 -170	-118 -202	-118 -248
30	40	-107 -123	-103 -128	-112 -151	-112 -174	-112 -212	-112 -272	-143 -159	-139 -164	-148 -187	-148 -210	-148 -248	-148 -308
40	50	-131 -147	-127 -152	-136 -175	-136 -198	-136 -236	-136 -296	-175 -191	-171 -196	-180 -219	-180 -242	-180 -280	-180 -340
50	65		-161 -191	-172 -218	-172 -246	-172 -292	-172 -362		-215 -245	-226 -272	-226 -300	-226 -346	-226 -416

续表 15 孔 Z 和 ZA 的极限偏差

μm

基本尺寸 mm		Z						ZA					
大于	至	6	7	8	9	10	11	6	7	8	9	10	11
65	80		-199	-210	-210	-210	-210		-263	-274	-274	-274	-274
			-229	-256	-284	-330	-400		-293	-320	-348	-394	-464
80	100		-245	-258	-258	-258	-258		-322	-335	-335	-335	-335
			-280	-312	-345	-398	-478		-357	-389	-422	-475	-555
100	120		-297	-310	-310	-310	-310		-387	-400	-400	-400	-400
			-332	-364	-397	-450	-530		-422	-454	-487	-540	-620
120	140		-350	-365	-365	-365	-365		-455	-470	-470	-470	-470
			-390	-428	-465	-525	-615		-495	-533	-570	-630	-720
140	160		-400	-415	-415	-415	-415		-520	-535	-535	-535	-535
			-440	-478	-515	-575	-665		-560	-598	-635	-695	-785
160	180		-450	-465	-465	-465	-465		-585	-600	-600	-600	-600
			-490	-528	-565	-625	-715		-625	-663	-700	-760	-850
180	200		-503	-520	-520	-520	-520		-653	-670	-670	-670	-670
			-549	-592	-635	-705	-810		-699	-742	-785	-855	-960
200	225		-558	-575	-575	-575	-575		-723	-740	-740	-740	-740
			-604	-647	-690	-760	-865		-769	-812	-855	-925	-1 030
225	250		-623	-640	-640	-640	-640		-803	-820	-820	-820	-820
			-669	-712	-755	-825	-930		-849	-892	-935	-1 005	-1 110
250	280		-690	-710	-710	-710	-710		-900	-920	-920	-920	-920
			-742	-791	-840	-920	-1 030		-952	-1 001	-1 050	-1 130	-1 240
280	315		-770	-790	-790	-790	-790		-980	-1 000	-1 000	-1 000	-1 000
			-822	-871	-920	-1 000	-1 110		-1 032	-1 081	-1 130	-1 210	-1 320
315	355		-879	-900	-900	-900	-900		-1 129	-1 150	-1 150	-1 150	-1 150
			-936	-989	-1 040	-1 130	-1 260		-1 186	-1 239	-1 290	-1 380	-1 510
355	400		-979	-1 000	-1 000	-1 000	-1 000		-1 279	-1 300	-1 300	-1 300	-1 300
			-1 036	-1 089	-1 140	-1 230	-1 360		-1 336	-1 389	-1 440	-1 530	-1 660
400	450		-1 077	-1 100	-1 100	-1 100	-1 100		-1 427	-1 450	-1 450	-1 450	-1 450
			-1 140	-1 197	-1 255	-1 350	-1 500		-1 490	-1 547	-1 605	-1 700	-1 850
450	500		-1 227	-1 250	-1 250	-1 250	-1 250		-1 577	-1 600	-1 600	-1 600	-1 600
			-1 290	-1 347	-1 405	-1 500	-1 650		-1 640	-1 697	-1 755	-1 850	-2 000

表 16 孔 ZB 和 ZC 的极限偏差

μm

基本尺寸 mm		ZB					ZC				
大于	至	7	8	9	10	11	7	8	9	10	11
—	3	-40	-40	-40	-40	-40	-60	-60	-60	-60	-60
		-50	-54	-65	-80	-100	-70	-74	-85	-100	-120
3	6	-46	-50	-50	-50	-50	-79	-80	-80	-80	-80
		-58	-68	-80	-98	-125	-88	-98	-110	-128	-155
6	10	-61	-67	-67	-67	-67	-91	-97	-97	-97	-97
		-76	-89	-103	-125	-157	-106	-119	-133	-155	-187
10	14	-83	-90	-90	-90	-90	-123	-130	-130	-130	-130
		-101	-117	-133	-160	-200	-141	-157	-173	-200	-240

续表 16 孔 ZB 和 ZC 的极限偏差

 μm

基本尺寸 mm		ZB					ZC				
大于	至	7	8	9	10	11	7	8	9	10	11
14	18	-101 -119	-108 -135	-108 -151	-108 -178	-108 -218	-143 -161	-150 -177	-150 -193	-150 -220	-150 -260
18	24	-128 -149	-136 -169	-136 -188	-136 -220	-136 -266	-180 -201	-188 -221	-188 -240	-188 -272	-188 -318
24	30	-152 -173	-160 -193	-160 -212	-160 -244	-160 -290	-210 -231	-218 -251	-218 -270	-218 -302	-218 -348
30	40	-191 -216	-200 -239	-200 -262	-200 -300	-200 -360	-265 -290	-274 -313	-274 -336	-274 -374	-274 -434
40	50	-233 -258	-242 -281	-242 -304	-242 -342	-242 -402	-316 -341	-325 -364	-325 -387	-325 -425	-325 -485
50	65	-289 -319	-300 -346	-300 -374	-300 -420	-300 -490	-394 -424	-405 -451	-405 -479	-405 -525	-405 -595
65	80	-349 -379	-360 -406	-360 -434	-360 -480	-360 -550	-469 -499	-480 -526	-480 -554	-480 -600	-480 -670
80	100	-432 -467	-445 -499	-445 -532	-445 -585	-445 -665	-572 -607	-585 -639	-585 -672	-585 -725	-585 -805
100	120	-512 -547	-525 -579	-525 -612	-525 -665	-525 -745	-677 -712	-690 -744	-690 -777	-690 -830	-690 -910
120	140	-605 -645	-620 -683	-620 -720	-620 -780	-620 -870	-785 -825	-800 -863	-800 -900	-800 -960	-800 -1 050
140	160	-685 -725	-700 -763	-700 -800	-700 -860	-700 -950	-885 -925	-900 -963	-900 -1 000	-900 -1 060	-900 -1 150
160	180	-765 -805	-780 -843	-780 -880	-780 -940	-780 -1 030	-985 -1 025	-1 000 -1 063	-1 000 -1 100	-1 000 -1 160	-1 000 -1 250
180	200	-863 -909	-880 -952	-880 -995	-880 -1 065	-880 -1 170	-1 133 -1 179	-1 150 -1 222	-1 150 -1 265	-1 150 -1 335	-1 150 -1 440
200	225	-943 -989	-960 -1 032	-960 -1 075	-960 -1 145	-960 -1 250	-1 233 -1 279	-1 250 -1 322	-1 250 -1 365	-1 250 -1 435	-1 250 -1 540
225	250	-1 033 -1 079	-1 050 -1 122	-1 050 -1 165	-1 050 -1 235	-1 050 -1 340	-1 333 -1 379	-1 350 -1 422	-1 350 -1 465	-1 350 -1 535	-1 350 -1 640
250	280	-1 180 -1 232	-1 200 -1 281	-1 200 -1 330	-1 200 -1 410	-1 200 -1 520	-1 530 -1 582	-1 550 -1 631	-1 550 -1 680	-1 550 -1 760	-1 550 -1 870
280	315	-1 280 -1 332	-1 300 -1 381	-1 300 -1 430	-1 300 -1 510	-1 300 -1 620	-1 680 -1 732	-1 700 -1 781	-1 700 -1 830	-1 700 -1 910	-1 700 -2 020
315	355	-1 479 -1 536	-1 500 -1 589	-1 500 -1 640	-1 500 -1 730	-1 500 -1 860	-1 879 -1 936	-1 900 -1 989	-1 900 -2 040	-1 900 -2 130	-1 900 -2 260
355	400	-1 629 -1 686	-1 650 -1 739	-1 650 -1 790	-1 650 -1 880	-1 650 -2 010	-2 079 -2 136	-2 100 -2 189	-2 100 -2 240	-2 100 -2 330	-2 100 -2 460
400	450	-1 827 -1 890	-1 850 -1 947	-1 850 -2 005	-1 850 -2 100	-1 850 -2 250	-2 377 -2 440	-2 400 -2 497	-2 400 -2 555	-2 400 -2 650	-2 400 -2 800
450	500	-2 077 -2 140	-2 100 -2 197	-2 100 -2 255	-2 100 -2 350	-2 100 -2 500	-2 577 -2 640	-2 600 -2 697	-2 600 -2 755	-2 600 -2 850	-2 600 -3 000

表 17 轴 a、b 和 c 的极限偏差

μm

基本尺寸 mm		a						b						c									
		9	10	11	12	13		8	9	10	11	12	13	8	9	10	11	12					
大于	至																						
—	3	-270	-270	-270	-270	-270	-270	-140	-140	-140	-140	-140	-140	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60
3	6	-295	-310	-330	-370	-410	-450	-154	-165	-180	-200	-240	-280	-74	-85	-100	-118	-145	-70	-70	-70	-70	-70
6	10	-270	-270	-270	-270	-270	-280	-140	-140	-140	-140	-140	-140	-80	-80	-80	-80	-80	-80	-80	-80	-80	-80
10	18	-280	-280	-280	-280	-280	-280	-150	-150	-150	-150	-150	-150	-80	-80	-80	-80	-80	-80	-80	-80	-80	-80
18	30	-316	-338	-370	-430	-500	-560	-172	-186	-208	-240	-300	-370	-102	-116	-138	-170	-230	-95	-95	-95	-95	-95
30	40	-290	-290	-290	-290	-290	-290	-150	-150	-150	-150	-150	-150	-95	-95	-95	-95	-95	-95	-95	-95	-95	-95
40	50	-333	-360	-400	-470	-560	-630	-177	-193	-220	-260	-330	-420	-122	-138	-165	-205	-275	-110	-110	-110	-110	-110
50	65	-300	-300	-300	-300	-300	-300	-160	-160	-160	-160	-160	-160	-110	-110	-110	-110	-110	-110	-110	-110	-110	-110
65	80	-352	-384	-430	-510	-630	-700	-193	-212	-244	-290	-370	-490	-143	-162	-194	-240	-320	-120	-120	-120	-120	-120
80	100	-310	-310	-310	-310	-310	-310	-170	-170	-170	-170	-170	-170	-120	-120	-120	-120	-120	-120	-120	-120	-120	-120
100	120	-372	-410	-470	-560	-700	-800	-209	-232	-270	-330	-420	-560	-159	-182	-220	-280	-370	-130	-130	-130	-130	-130
120	140	-320	-320	-320	-320	-320	-320	-180	-180	-180	-180	-180	-180	-130	-130	-130	-130	-130	-130	-130	-130	-130	-130
		-382	-420	-480	-570	-710	-800	-219	-242	-280	-340	-430	-570	-169	-192	-230	-290	-380	-140	-140	-140	-140	-140
		-340	-340	-340	-340	-340	-340	-190	-190	-190	-190	-190	-190	-140	-140	-140	-140	-140	-140	-140	-140	-140	-140
		-414	-460	-530	-640	-800	-920	-236	-264	-310	-380	-490	-650	-186	-214	-260	-330	-440	-150	-150	-150	-150	-150
		-360	-360	-360	-360	-360	-360	-200	-200	-200	-200	-200	-200	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150
		-434	-480	-550	-660	-820	-920	-246	-274	-320	-390	-500	-660	-196	-224	-270	-340	-450	-170	-170	-170	-170	-170
		-380	-380	-380	-380	-380	-380	-220	-220	-220	-220	-220	-220	-170	-170	-170	-170	-170	-170	-170	-170	-170	-170
		-467	-520	-600	-730	-920	-1090	-274	-307	-360	-440	-570	-760	-224	-257	-310	-390	-520	-180	-180	-180	-180	-180
		-410	-410	-410	-410	-410	-410	-240	-240	-240	-240	-240	-240	-180	-180	-180	-180	-180	-180	-180	-180	-180	-180
		-497	-550	-630	-760	-950	-1090	-294	-327	-380	-460	-590	-780	-234	-267	-320	-400	-530	-200	-200	-200	-200	-200
		-460	-460	-460	-460	-460	-460	-260	-260	-260	-260	-260	-260	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200
		-560	-620	-710	-860	-1090	-1300	-323	-360	-420	-510	-660	-890	-263	-300	-360	-450	-600	-263	-300	-360	-450	-600

续表 17 轴 a、b 和 c 的极限偏差

μm

基本尺寸 mm	a						b						c					
	9	10	11	12	13		8	9	10	11	12	13	8	9	10	11	12	
大于																		
140	-520 -620	-520 -680	-520 -770	-520 -920	-520 -1150		-280 -343	-280 -380	-280 -440	-280 -530	-280 -680	-280 -910	-210 -273	-210 -310	-210 -370	-210 -460	-210 -610	
160	-580 -680	-580 -740	-580 -830	-580 -980	-580 -1210		-310 -373	-310 -410	-310 -470	-310 -560	-310 -710	-310 -940	-230 -293	-230 -330	-230 -390	-230 -480	-230 -630	
180	-660 -775	-660 -845	-660 -950	-660 -1120	-660 -1380		-340 -412	-340 -455	-340 -525	-340 -630	-340 -800	-340 -1060	-240 -312	-240 -355	-240 -425	-240 -530	-240 -700	
200	-740 -855	-740 -925	-740 -1030	-740 -1200	-740 -1460		-380 -452	-380 -495	-380 -565	-380 -670	-380 -840	-380 -1100	-260 -332	-260 -375	-260 -445	-260 -550	-260 -720	
225	-820 -935	-820 -1005	-820 -1110	-820 -1280	-820 -1540		-420 -492	-420 -535	-420 -605	-420 -710	-420 -880	-420 -1140	-280 -352	-280 -395	-280 -465	-280 -570	-280 -740	
250	-920 -1050	-920 -1130	-920 -1240	-920 -1440	-920 -1730		-480 -561	-480 -610	-480 -690	-480 -800	-480 -1000	-480 -1290	-300 -381	-300 -430	-300 -510	-300 -620	-300 -820	
280	-1050 -1180	-1050 -1260	-1050 -1370	-1050 -1570	-1050 -1860		-540 -621	-540 -670	-540 -750	-540 -860	-540 -1060	-540 -1350	-330 -411	-330 -460	-330 -540	-330 -650	-330 -850	
315	-1200 -1340	-1200 -1430	-1200 -1560	-1200 -1770	-1200 -2090		-600 -689	-600 -740	-600 -830	-600 -960	-600 -1170	-600 -1490	-360 -449	-360 -500	-360 -590	-360 -720	-360 -930	
355	-1350 -1490	-1350 -1580	-1350 -1710	-1350 -1920	-1350 -2240		-680 -769	-680 -820	-680 -910	-680 -1040	-680 -1250	-680 -1570	-400 -489	-400 -540	-400 -630	-400 -760	-400 -970	
400	-1500 -1655	-1500 -1750	-1500 -1900	-1500 -2130	-1500 -2470		-760 -857	-760 -915	-760 -1010	-760 -1160	-760 -1390	-760 -1730	-440 -537	-440 -595	-440 -690	-440 -840	-440 -1070	
450	-1650 -1805	-1650 -1900	-1650 -2050	-1650 -2280	-1650 -2620		-840 -937	-840 -995	-840 -1090	-840 -1240	-840 -1470	-840 -1810	-480 -577	-480 -635	-480 -730	-480 -880	-480 -1110	

注：基本尺寸小于 1 mm 时，各级的 a 和 b 均不采用。

表 18 轴 cd 和 d 的极限偏差

 μm

基本尺寸 mm		cd						d									
大于	至	5	6	7	8	9	10	5	6	7	8	9	10	11	12	13	
—	3	-34	-34	-34	-34	-34	-34	-20	-20	-20	-20	-20	-20	-20	-20	-20	
		-38	-40	-44	-48	-59	-74	-24	-26	-30	-34	-45	-60	-80	-120	-160	
3	6	-46	-46	-46	-46	-46	-46	-30	-30	-30	-30	-30	-30	-30	-30	-30	
		-51	-54	-58	-64	-76	-94	-35	-38	-42	-48	-60	-78	-105	-150	-210	
6	10	-56	-56	-56	-56	-56	-56	-40	-40	-40	-40	-40	-40	-40	-40	-40	
		-62	-65	-71	-78	-92	-114	-46	-49	-55	-62	-76	-98	-130	-190	-260	
10	18							-50	-50	-50	-50	-50	-50	-50	-50	-50	
								-58	-61	-68	-77	-93	-120	-160	-230	-320	
18	30							-65	-65	-65	-65	-65	-65	-65	-65	-65	
								-74	-78	-86	-98	-117	-149	-195	-275	-395	
30	50							-80	-80	-80	-80	-80	-80	-80	-80	-80	
								-91	-96	-105	-119	-142	-180	-240	-330	-470	
50	80							-100	-100	-100	-100	-100	-100	-100	-100	-100	
								-113	-119	-130	-146	-174	-220	-290	-400	-560	
80	120							-120	-120	-120	-120	-120	-120	-120	-120	-120	
								-135	-142	-155	-174	-207	-260	-340	-470	-660	
120	180							-145	-145	-145	-145	-145	-145	-145	-145	-145	
								-163	-170	-185	-208	-245	-305	-395	-545	-775	
180	250							-170	-170	-170	-170	-170	-170	-170	-170	-170	
								-190	-199	-216	-242	-285	-355	-460	-630	-890	
250	315							-190	-190	-190	-190	-190	-190	-190	-190	-190	
								-213	-222	-242	-271	-320	-400	-510	-710	-1 000	
315	400							-210	-210	-210	-210	-210	-210	-210	-210	-210	
								-235	-246	-267	-299	-350	-440	-570	-780	-1 100	
400	500							-230	-230	-230	-230	-230	-230	-230	-230	-230	
								-257	-270	-293	-327	-385	-480	-630	-860	-1 200	
500	630									-260	-260	-260	-260	-260			
										-330	-370	-435	-540	-700			
630	800									-290	-290	-290	-290	-290			
										-370	-415	-490	-610	-790			
800	1 000									-320	-320	-320	-320	-320			
										-410	-460	-550	-680	-880			
1 000	1 250									-350	-350	-350	-350	-350			
										-455	-515	-610	-770	-1 010			
1 250	1 600									-390	-390	-390	-390	-390			
										-515	-585	-700	-890	-1 170			
1 600	2 000									-430	-430	-430	-430	-430			
										-580	-660	-800	-1 030	-1 350			
2 000	2 500									-480	-480	-480	-480	-480			
										-655	-760	-920	-1 180	-1 580			
2 500	3 150									-520	-520	-520	-520	-520			
										-730	-850	-1 060	-1 380	-1 870			

注：各级的 cd 主要用于精密机械和钟表制造业。

表 19 轴 e 和 ef 的极限偏差

μm

基本尺寸 mm		e						ef							
大于	至	5	6	7	8	9	10	3	4	5	6	7	8	9	10
—	3	-14 -18	-14 -20	-14 -24	-14 -28	-14 -39	-14 -54	-10 -12	-10 -13	-10 -14	-10 -16	-10 -20	-10 -24	-10 -35	-10 -50
3	6	-20 -25	-20 -28	-20 -32	-20 -38	-20 -50	-20 -68	-14 -16.5	-14 -18	-14 -19	-14 -22	-14 -26	-14 -32	-14 -44	-14 -62
6	10	-25 -31	-25 -34	-25 -40	-25 -47	-25 -61	-25 -83	-18 -20.5	-18 -22	-18 -24	-18 -27	-18 -33	-18 -40	-18 -54	-18 -76
10	18	-32 -40	-32 -43	-32 -50	-32 -59	-32 -75	-32 -102								
18	30	-40 -49	-40 -53	-40 -61	-40 -73	-40 -92	-40 -124								
30	50	-50 -61	-50 -66	-50 -75	-50 -89	-50 -112	-50 -150								
50	80	-60 -73	-60 -79	-60 -90	-60 -106	-60 -134	-60 -180								
80	120	-72 -87	-72 -94	-72 -107	-72 -126	-72 -159	-72 -212								
120	180	-85 -103	-85 -110	-85 -125	-85 -148	-85 -185	-85 -245								
180	250	-100 -120	-100 -129	-100 -146	-100 -172	-100 -215	-100 -285								
250	315	-110 -133	-110 -142	-110 -162	-110 -191	-110 -240	-110 -320								
315	400	-125 -150	-125 -161	-125 -182	-125 -214	-125 -265	-125 -355								
400	500	-135 -162	-135 -175	-135 -198	-135 -232	-135 -290	-135 -385								
500	630		-145 -189	-145 -215	-145 -255	-145 -320	-145 -425								
630	800		-160 -210	-160 -240	-160 -285	-160 -360	-160 -480								
800	1 000		-170 -226	-170 -260	-170 -310	-170 -400	-170 -530								
1 000	1 250		-195 -261	-195 -300	-195 -360	-195 -455	-195 -615								
1 250	1 600		-220 -298	-220 -345	-220 -415	-220 -530	-220 -720								
1 600	2 000		-240 -332	-240 -390	-240 -470	-240 -610	-240 -840								
2 000	2 500		-260 -370	-260 -435	-260 -540	-260 -700	-260 -960								
2 500	3 150		-290 -425	-290 -500	-290 -620	-290 -830	-290 -1 150								

注：各级的 ef 主要用于精密机械和钟表制造业。

表 20 轴 f 和 fg 的极限偏差

μm

基本尺寸 mm		f								fg							
大于	至	3	4	5	6	7	8	9	10	3	4	5	6	7	8	9	10
—	3	-6 -8	-6 -9	-6 -10	-6 -12	-6 -16	-6 -20	-6 -31	-6 -46	-4 -6	-4 -7	-4 -8	-4 -10	-4 -14	-4 -18	-4 -29	-4 -44
3	6	-10 -12.5	-10 -14	-10 -15	-10 -18	-10 -22	-10 -28	-10 -40	-10 -58	-6 -8.5	-6 -10	-6 -11	-6 -14	-6 -18	-6 -24	-6 -36	-6 -54
6	10	-13 -15.5	-13 -17	-13 -19	-13 -22	-13 -28	-13 -35	-13 -49	-13 -71	-8 -10.5	-8 -12	-8 -14	-8 -17	-8 -23	-8 -30	-8 -44	-8 -66
10	18	-16 -19	-16 -21	-16 -24	-16 -27	-16 -34	-16 -43	-16 -59	-16 -86								
18	30	-20 -24	-20 -26	-20 -29	-20 -33	-20 -41	-20 -53	-20 -72	-20 -104								
30	50	-25 -29	-25 -32	-25 -36	-25 -41	-25 -50	-25 -64	-25 -87	-25 -125								
50	80		-30 -38	-30 -43	-30 -49	-30 -60	-30 -76	-30 -104									
80	120		-36 -46	-36 -51	-36 -58	-36 -71	-36 -90	-36 -123									
120	180		-43 -55	-43 -61	-43 -68	-43 -83	-43 -106	-43 -143									
180	250		-50 -64	-50 -70	-50 -79	-50 -96	-50 -122	-50 -165									
250	315		-56 -72	-56 -79	-56 -88	-56 -108	-56 -137	-56 -185									
315	400		-62 -80	-62 -87	-62 -98	-62 -119	-62 -151	-62 -202									
400	500		-68 -88	-68 -95	-68 -108	-68 -131	-68 -165	-68 -223									
500	630				-76 -120	-76 -146	-76 -186	-76 -251									
630	800				-80 -130	-80 -160	-80 -205	-80 -280									
800	1 000				-86 -142	-86 -176	-86 -226	-86 -316									
1 000	1 250				-98 -164	-98 -203	-98 -263	-98 -358									
1 250	1 600				-110 -188	-110 -235	-110 -305	-110 -420									
1 600	2 000				-120 -212	-120 -270	-120 -350	-120 -490									
2 000	2 500				-130 -240	-130 -305	-130 -410	-130 -570									
2 500	3 150				-145 -280	-145 -355	-145 -475	-145 -685									

注：各级的 fg 主要用于精密机械和钟表制造业。

表 21 轴 g 的极限偏差

 μm

基本尺寸 mm		g							
大于	至	3	4	5	6	7	8	9	10
—	3	-2 -4	-2 -5	-2 -6	-2 -8	-2 -12	-2 -16	-2 -27	-2 -42
3	6	-4 -6.5	-4 -8	-4 -9	-4 -12	-4 -16	-4 -22	-4 -34	-4 -52
6	10	-5 -7.5	-5 -9	-5 -11	-5 -14	-5 -20	-5 -27	-5 -41	-5 -63
10	18	-6 -9	-6 -11	-6 -14	-6 -17	-6 -24	-6 -33	-6 -49	-6 -76
18	30	-7 -11	-7 -13	-7 -16	-7 -20	-7 -28	-7 -40	-7 -59	-7 -91
30	50	-9 -13	-9 -16	-9 -20	-9 -25	-9 -34	-9 -48	-9 -71	-9 -109
50	80		-10 -18	-10 -23	-10 -29	-10 -40	-10 -56		
80	120		-12 -22	-12 -27	-12 -34	-12 -47	-12 -66		
120	180		-14 -26	-14 -32	-14 -39	-14 -54	-14 -77		
180	250		-15 -29	-15 -35	-15 -44	-15 -61	-15 -87		
250	315		-17 -33	-17 -40	-17 -49	-17 -69	-17 -98		
315	400		-18 -36	-18 -43	-18 -54	-18 -75	-18 -107		
400	500		-20 -40	-20 -47	-20 -60	-20 -83	-20 -117		
500	630				-22 -66	-22 -92	-22 -132		
630	800				-24 -74	-24 -104	-24 -149		
800	1000				-26 -82	-26 -116	-26 -166		
1000	1250				-28 -94	-28 -133	-28 -193		
1250	1600				-30 -108	-30 -155	-30 -225		
1600	2000				-32 -124	-32 -182	-32 -262		
2000	2500				-34 -144	-34 -209	-34 -314		
2500	3150				-38 -173	-38 -248	-38 -368		

表 22 轴 h 的极限偏差

基本尺寸 mm	h																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
大于	偏 差																	
至	mm																	
—	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	-0.8	-1.2	-2	-3	-4	-6	-10	-14	-25	-40	-60	-0.1	-0.14	-0.25	-0.4	-0.6	-0.75	-1.2
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	-1	-1.5	-2.5	-4	-5	-8	-12	-18	-30	-48	-75	-0.12	-0.18	-0.3	-0.48	-0.75	-1.2	-1.8
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	-1	-1.5	-2.5	-4	-6	-9	-15	-22	-36	-58	-90	-0.15	-0.22	-0.36	-0.58	-0.9	-1.5	-2.2
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	-1.2	-2	-3	-5	-8	-11	-18	-27	-43	-70	-110	-0.18	-0.27	-0.43	-0.7	-1.1	-1.8	-2.7
120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180	-1.5	-2.5	-4	-6	-9	-13	-21	-33	-52	-84	-130	-0.21	-0.33	-0.52	-0.84	-1.3	-2.1	-3.3
250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
315	-1.5	-2.5	-4	-7	-11	-16	-25	-39	-62	-100	-160	-0.25	-0.39	-0.62	-1	-1.6	-2.5	-3.9
500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
800	-2	-3	-5	-8	-13	-19	-30	-46	-74	-120	-190	-0.3	-0.46	-0.74	-1.2	-1.9	-3	-4.6
1200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800	-2.5	-4	-6	-10	-15	-22	-35	-54	-87	-140	-220	-0.35	-0.54	-0.87	-1.4	-2.2	-3.5	-5.4
2500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3150	-3.5	-5	-8	-12	-18	-25	-40	-63	-100	-160	-250	-0.4	-0.63	-1	-1.6	-2.5	-4	-6.3
5000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8000	-4.5	-7	-10	-14	-20	-29	-46	-72	-115	-185	-290	-0.46	-0.72	-1.15	-1.85	-2.9	-4.6	-7.2
10000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15000	-6	-8	-12	-16	-23	-32	-52	-81	-130	-210	-320	-0.52	-0.81	-1.3	-2.1	-3.2	-5.2	-8.1

续表 22 轴 h 的极限偏差

基本尺寸 mm	h																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
大于	偏 差																	
至	mm																	
315	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
400	-7	-9	-13	-18	-25	-36	-57	-89	-140	-230	-360	-57	-89	-14	-2.3	-3.6	-5.7	-8.9
500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
630	-8	-10	-15	-20	-27	-40	-63	-97	-155	-250	-400	-63	-97	-1.55	-2.5	-4	-6.3	-9.7
800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 000	-9	-11	-16	-22	-32	-44	-70	-110	-175	-280	-440	-70	-110	-1.75	-2.8	-4.4	-7	-11
1 250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 600	-10	-13	-18	-25	-36	-50	-80	-125	-200	-320	-500	-80	-125	-2	-3.2	-5	-8	-12.5
2 000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 500	-11	-15	-21	-28	-40	-56	-90	-140	-230	-360	-560	-90	-140	-2.3	-3.6	-5.6	-9	-14
3 150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 000	-13	-18	-24	-33	-47	-66	-105	-165	-260	-420	-660	-105	-165	-2.6	-4.2	-6.6	-10.5	-16.5
5 000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 300	-15	-21	-29	-39	-55	-78	-125	-195	-310	-500	-780	-125	-195	-3.1	-5	-7.8	-12.5	-19.5
8 000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 000	-18	-25	-35	-46	-65	-92	-150	-230	-370	-600	-920	-150	-230	-3.7	-6	-9.2	-15	-23
12 500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 000	-22	-30	-41	-55	-78	-110	-175	-280	-440	-700	-1 100	-175	-280	-4.4	-7	-11	-17.5	-28
20 000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 000	-26	-36	-50	-68	-96	-135	-210	-330	-540	-860	-1 350	-210	-330	-5.4	-8.6	-13.5	-21	-33

注：

- 1 IT14 和 IT18 只用于大于 1 mm 的基本尺寸。
- 2 带底纹框中的数值，即基本尺寸大于 500~3 150 mm，IT1 和 IT5 的偏差值，为试用的。

表 23 轴 js 的极限偏差

μm

大于	js																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
—	±0.4	±0.6	±1	±1.5	±2	±3	±5	±7	±12	±20	±30	±0.05	±0.07	±0.125	±0.2	±0.3		
3	±0.5	±0.75	±1.25	±2	±2.5	±4	±6	±9	±15	±24	±37	±0.06	±0.09	±0.15	±0.24	±0.375	±0.6	±0.9
6	±0.5	±0.75	±1.25	±2	±3	±4.5	±7	±11	±18	±29	±45	±0.075	±0.11	±0.18	±0.29	±0.45	±0.75	±1.1
10	±0.6	±1	±1.5	±2.5	±4	±5.5	±9	±13	±21	±35	±55	±0.09	±0.135	±0.215	±0.35	±0.55	±0.9	±1.35
18	±0.75	±1.25	±2	±3	±4.5	±6.5	±10	±16	±26	±42	±65	±0.105	±0.165	±0.26	±0.42	±0.65	±1.05	±1.65
30	±0.75	±1.25	±2	±3.5	±5.5	±8	±12	±19	±31	±50	±80	±0.125	±0.195	±0.31	±0.5	±0.8	±1.25	±1.95
50	±1	±1.5	±2.5	±4	±6.5	±9.5	±15	±23	±37	±60	±95	±0.15	±0.23	±0.37	±0.6	±0.95	±1.5	±2.3
80	±1.25	±2	±3	±5	±7.5	±11	±17	±27	±43	±70	±110	±0.175	±0.27	±0.435	±0.7	±1.1	±1.75	±2.7
120	±1.75	±2.5	±4	±6	±9	±12.5	±20	±31	±50	±80	±125	±0.2	±0.315	±0.5	±0.8	±1.25	±2	±3.15
180	±2.25	±3.5	±5	±7	±10	±14.5	±23	±36	±57	±92	±145	±0.23	±0.36	±0.575	±0.925	±1.45	±2.3	±3.6
250	±3	±4	±6	±8	±11.5	±16	±26	±40	±65	±105	±160	±0.26	±0.405	±0.65	±1.05	±1.6	±2.6	±4.05
315	±3.5	±4.5	±6.5	±9	±12.5	±18	±28	±44	±70	±115	±180	±0.285	±0.445	±0.7	±1.15	±1.8	±2.85	±4.45
400	±4	±5	±7.5	±10	±13.5	±20	±31	±48	±77	±125	±200	±0.315	±0.485	±0.775	±1.25	±2	±3.15	±4.85
500	±4.5	±5.5	±8	±11	±16	±22	±35	±55	±87	±140	±220	±0.35	±0.55	±0.875	±1.4	±2.2	±3.5	±5.5
630	±5	±6.5	±9	±12.5	±18	±25	±40	±62	±100	±160	±250	±0.4	±0.625	±1	±1.6	±2.5	±4	±6.25
800	±5.5	±7.5	±10.5	±14	±20	±28	±45	±70	±115	±180	±280	±0.45	±0.7	±1.15	±1.8	±2.8	±4.5	±7
1 000	±6.5	±9	±12	±16.5	±23.5	±33	±52	±82	±130	±210	±330	±0.525	±0.825	±1.3	±2.1	±3.3	±5.25	±8.25
1 250	±7.5	±10.5	±14.5	±19.5	±27.5	±39	±62	±97	±155	±250	±390	±0.625	±0.975	±1.55	±2.5	±3.9	±6.25	±9.75
1 600	±9	±12.5	±17.5	±23	±32.5	±46	±75	±115	±185	±300	±460	±0.75	±1.15	±1.85	±3	±4.6	±7.5	±11.5
2 000	±11	±15	±20.5	±27.5	±39	±55	±87	±140	±220	±350	±550	±0.875	±1.4	±2.2	±3.5	±5.5	±8.75	±14
2 500	±13	±18	±25	±34	±48	±67.5	±105	±165	±270	±430	±675	±1.05	±1.65	±2.7	±4.3	±6.75	±10.5	±16.5

注: 1 为避免相同值的重复, 表列值以“±X”给出, 可为 es=+X、ei=-X, 例如, $^{+0.23}_{-0.23}$ mm。

2 IT14 至 IT18 只用于大于 1 mm 的基本尺寸。

3 带底纹框的数值, 即基本尺寸大于 500~3 150 mm, IT1 至 IT5 的偏差值, 为试用的。

表 24 轴 j 和 k 的极限偏差

μm

基本尺寸 mm		j				k											
大于	至	5	6	7	8	3	4	5	6	7	8	9	10	11	12	13	
—	3	±2	+4 -2	+6 -4	+8 -6	+2 0	+3 0	+4 0	+6 0	+10 0	+14 0	+25 0	+40 0	+60 0	+100 0	+140 0	
3	6	+3 -2	+6 -2	+8 -4		+2.5 0	+5 +1	+6 +1	+9 +1	+13 +1	+18 0	+30 0	+48 0	+75 0	+120 0	+180 0	
6	10	+4 -2	+7 -2	+10 -5		+2.5 0	+5 +1	+7 +1	+10 +1	+16 +1	+22 0	+36 0	+58 0	+90 0	+150 0	+220 0	
10	18	+5 -3	+8 -3	+12 -6		+3 0	+6 +1	+9 +1	+12 +1	+19 +1	+27 0	+43 0	+70 0	+110 0	+180 0	+270 0	
18	30	+5 -4	+9 -4	+13 -8		+4 0	+8 +2	+11 +2	+15 +2	+23 +2	+33 0	+52 0	+84 0	+130 0	+210 0	+330 0	
30	50	+6 -5	+11 -5	+15 -10		+4 0	+9 +2	+13 +2	+18 +2	+27 +2	+39 0	+62 0	+100 0	+160 0	+250 0	+390 0	
50	80	+6 -7	+12 -7	+18 -12			+10 +2	+15 +2	+21 +2	+32 +2	+46 0	+74 0	+120 0	+190 0	+300 0	+460 0	
80	120	+6 -9	+13 -9	+20 -15			+13 +3	+18 +3	+25 +3	+38 +3	+54 0	+87 0	+140 0	+220 0	+350 0	+540 0	
120	180	+7 -11	+14 -11	+22 -18			+15 +3	+21 +3	+28 +3	+43 +3	+63 0	+100 0	+160 0	+250 0	+400 0	+630 0	
180	250	+7 -13	+16 -13	+25 -21			+18 +4	+24 +4	+33 +4	+50 +4	+72 0	+115 0	+185 0	+290 0	+460 0	+720 0	
250	315	+7 -16	±16	±26			+20 +4	+27 +4	+36 +4	+56 +4	+81 0	+130 0	+210 0	+320 0	+520 0	+810 0	
315	400	+7 -18	±18	+29 -28			+22 +4	+29 +4	+40 +4	+61 +4	+89 0	+140 0	+230 0	+360 0	+570 0	+890 0	
400	500	+7 -20	±20	+31 -32			+25 +5	+32 +5	+45 +5	+68 +5	+97 0	+155 0	+250 0	+400 0	+630 0	+970 0	
500	630								+44 0	+70 0	+110 0	+175 0	+280 0	+440 0	+700 0	+1 100 0	
630	800								+50 0	+80 0	+125 0	+200 0	+320 0	+500 0	+800 0	+1 250 0	
800	1 000								+56 0	+90 0	+140 0	+230 0	+360 0	+560 0	+900 0	+1 400 0	
1 000	1 250								+66 0	+105 0	+165 0	+260 0	+420 0	+660 0	+1 050 0	+1 650 0	
1 250	1 600								+78 0	+125 0	+195 0	+310 0	+500 0	+780 0	+1 250 0	+1 950 0	
1 600	2 000								+92 0	+150 0	+230 0	+370 0	+600 0	+920 0	+1 500 0	+2 300 0	
2 000	2 500								+110 0	+175 0	+280 0	+440 0	+700 0	+1 100 0	+1 750 0	+2 800 0	
2 500	3 150								+135 0	+210 0	+330 0	+540 0	+860 0	+1 350 0	+2 100 0	+3 300 0	

注：j5、j6 和 j7 的某些极限值与 js5、js6 和 js7 一样用“±X”表示。

表 25 轴 m 和 n 的极限偏差

 μm

基本尺寸 mm		m							n						
大于	至	3	4	5	6	7	8	9	3	4	5	6	7	8	9
—	3	+4 +2	+5 +2	+6 +2	+8 +2	+12 +2	+16 +2	+27 +2	+6 +4	+7 +4	+8 +4	+10 +4	+14 +4	+18 +4	+29 +4
3	6	+6.5 +4	+8 +4	+9 +4	+12 +4	+16 +4	+22 +4	+34 +4	+10.5 +8	+12 +8	+13 +8	+16 +8	+20 +8	+26 +8	+38 +8
6	10	+8.5 +6	+10 +6	+12 +6	+15 +6	+21 +6	+28 +6	+42 +6	+12.5 +10	+14 +10	+16 +10	+19 +10	+25 +10	+32 +10	+46 +10
10	18	+10 +7	+12 +7	+15 +7	+18 +7	+25 +7	+34 +7	+50 +7	+15 +12	+17 +12	+20 +12	+23 +12	+30 +12	+39 +12	+55 +12
18	30	+12 +8	+14 +8	+17 +8	+21 +8	+29 +8	+41 +8	+60 +8	+19 +15	+21 +15	+24 +15	+28 +15	+36 +15	+48 +15	+67 +15
30	50	+13 +9	+16 +9	+20 +9	+25 +9	+34 +9	+48 +9	+71 +9	+21 +17	+24 +17	+28 +17	+33 +17	+42 +17	+56 +17	+79 +17
50	80		+19 +11	+24 +11	+30 +11	+41 +11				+28 +20	+33 +20	+39 +20	+50 +20		
80	120		+23 +13	+28 +13	+35 +13	+48 +13				+33 +23	+38 +23	+45 +23	+58 +23		
120	180		+27 +15	+33 +15	+40 +15	+55 +15				+39 +27	+45 +27	+52 +27	+67 +27		
180	250		+31 +17	+37 +17	+46 +17	+63 +17				+45 +31	+51 +31	+60 +31	+77 +31		
250	315		+36 +20	+43 +20	+52 +20	+72 +20				+50 +34	+57 +34	+66 +34	+86 +34		
315	400		+39 +21	+46 +21	+57 +21	+78 +21				+55 +37	+62 +37	+73 +37	+94 +37		
400	500		+43 +23	+50 +23	+63 +23	+86 +23				+60 +40	+67 +40	+80 +40	+103 +40		
500	630				+70 +26	+96 +26						+88 +44	+114 +44		
630	800				+80 +30	+110 +30						+100 +50	+130 +50		
800	1 000				+90 +34	+124 +34						+112 +56	+146 +56		
1 000	1 250				+106 +40	+145 +40						+132 +66	+171 +66		
1 250	1 600				+126 +48	+173 +48						+156 +78	+203 +78		
1 600	2 000				+150 +58	+208 +58						+184 +92	+242 +92		
2 000	2 500				+178 +68	+243 +68						+220 +110	+285 +110		
2 500	3 150				+211 +76	+286 +76						+270 +135	+345 +135		

表 26 轴 p 的极限偏差

μm

基本尺寸 mm		p							
大于	至	3	4	5	6	7	8	9	10
—	3	+8 +6	+9 +6	+10 +6	+12 +6	+16 +6	+20 +6	+31 +6	+46 +6
3	6	+14.5 +12	+16 +12	+17 +12	+20 +12	+24 +12	+30 +12	+42 +12	+60 +12
6	10	+17.5 +15	+19 +15	+21 +15	+24 +15	+30 +15	+37 +15	+51 +15	+73 +15
10	18	+21 +18	+23 +18	+26 +18	+29 +18	+36 +18	+45 +18	+61 +18	+88 +18
18	30	+26 +22	+28 +22	+31 +22	+35 +22	+43 +22	+55 +22	+74 +22	+106 +22
30	50	+30 +26	+33 +26	+37 +26	+42 +26	+51 +26	+65 +26	+88 +26	+126 +26
50	80		+40 +32	+45 +32	+51 +32	+62 +32	+78 +32		
80	120		+47 +37	+52 +37	+59 +37	+72 +37	+91 +37		
120	180		+55 +43	+61 +43	+68 +43	+83 +43	+106 +43		
180	250		+64 +50	+70 +50	+79 +50	+96 +50	+122 +50		
250	315		+72 +56	+79 +56	+88 +56	+108 +56	+137 +56		
315	400		+80 +62	+87 +62	+98 +62	+119 +62	+151 +62		
400	500		+88 +68	+95 +68	+108 +68	+131 +68	+165 +68		
500	630				+122 +78	+148 +78	+188 +78		
630	800				+138 +88	+168 +88	+213 +88		
800	1 000				+156 +100	+190 +100	+240 +100		
1 000	1 250				+186 +120	+225 +120	+285 +120		
1 250	1 600				+218 +140	+265 +140	+335 +140		
1 600	2 000				+262 +170	+320 +170	+400 +170		
2 000	2 500				+305 +195	+370 +195	+475 +195		
2 500	3 150				+375 +240	+450 +240	+570 +240		

表 27 轴 r 的极限偏差

μm

基本尺寸 mm		r							
大于	至	3	4	5	6	7	8	9	10
—	3	+12 +10	+13 +10	+14 +10	+16 +10	+20 +10	+24 +10	+35 +10	+50 +10
3	6	+17.5 +15	+19 +15	+20 +15	+23 +15	+27 +15	+33 +15	+45 +15	+63 +15
6	10	+21.5 +19	+23 +19	+25 +19	+28 +19	+34 +19	+41 +19	+55 +19	+77 +19
10	18	+26 +23	+28 +23	+31 +23	+34 +23	+41 +23	+50 +23	+66 +23	+93 +23
18	30	+32 +28	+34 +28	+37 +28	+41 +28	+49 +28	+61 +28	+80 +28	+112 +28
30	50	+38 +34	+41 +34	+45 +34	+50 +34	+59 +34	+73 +34	+96 +34	+134 +34
50	65		+49 +41	+54 +41	+60 +41	+71 +41	+87 +41		
65	80		+51 +43	+56 +43	+62 +43	+72 +43	+89 +43		
80	100		+61 +51	+66 +51	+73 +51	+86 +51	+105 + 51		
100	120		+64 +54	+69 +54	+76 +54	+89 +54	+108 + 54		
120	140		+75 +63	+81 +63	+88 +63	+103 + 63	+126 + 63		
140	160		+77 +65	+83 +65	+90 +65	+105 + 65	+128 + 65		
160	180		+80 +68	+86 +68	+93 +68	+108 + 68	+131 + 68		
180	200		+91 +77	+97 +77	+106 + 77	+123 + 77	+149 + 77		
200	225		+94 +80	+100 + 80	+109 + 80	+126 + 80	+152 + 80		
225	250		+98 +84	+104 + 84	+113 + 84	+130 + 84	+156 + 84		
250	280		+110 + 94	+117 + 94	+126 + 94	+146 + 94	+175 + 94		
280	315		+114 + 98	+121 + 98	+130 + 98	+150 + 98	+179 + 98		
315	355		+126 +108	+133 +108	+144 +108	+165 +108	+197 +108		

续表 27 轴 r 的极限偏差

 μm

基本尺寸 mm		r							
大于	至	3	4	5	6	7	8	9	10
355	400		+132 +114	+139 +114	+150 +114	+171 +114	+203 +114		
400	450		+146 +126	+153 +126	+166 +126	+189 +126	+223 +126		
450	500		+152 +132	+159 +132	+172 +132	+195 +132	+229 +132		
500	560				+194 +150	+220 +150	+260 +150		
560	630				+199 +155	+225 +155	+265 +155		
630	710				+225 +175	+255 +175	+300 +175		
710	800				+235 +185	+265 +185	+310 +185		
800	900				+266 +210	+300 +210	+350 +210		
900	1 000				+276 +220	+310 +220	+360 +220		
1 000	1 120				+316 +250	+355 +250	+415 +250		
1 120	1 250				+326 +260	+365 +260	+425 +260		
1 250	1 400				+378 +300	+425 +300	+495 +300		
1 400	1 600				+408 +330	+455 +330	+525 +330		
1 600	1 800				+462 +370	+520 +370	+600 +370		
1 800	2 000				+492 +400	+550 +400	+630 +400		
2 000	2 240				+550 +440	+615 +440	+720 +440		
2 240	2 500				+570 +460	+635 +460	+740 +460		
2 500	2 800				+685 +550	+760 +550	+880 +550		
2 800	3 150				+715 +580	+790 +580	+910 +580		

表 28 轴 s 的极限偏差

 μm

基本尺寸 mm		s							
大于	至	3	4	5	6	7	8	9	10
—	3	+16 +14	+17 +14	+18 +14	+20 +14	+24 +14	+28 +14	+39 +14	+54 +14
3	6	+21.5 +19	+23 +19	+24 +19	+27 +19	+31 +19	+37 +19	+49 +19	+67 +19
6	10	+25.5 +23	+27 +23	+29 +23	+32 +23	+38 +23	+45 +23	+59 +23	+81 +23
10	18	+31 +28	+33 +28	+36 +28	+39 +28	+46 +28	+55 +28	+71 +28	+98 +28
18	30	+39 +35	+41 +35	+44 +35	+48 +35	+56 +35	+68 +35	+87 +35	+119 +35
30	50	+47 +43	+50 +43	+54 +43	+59 +43	+68 +43	+82 +43	+105 +43	+143 +43
50	65		+61 +53	+66 +53	+72 +53	+83 +53	+99 +53	+127 +53	
65	80		+67 +59	+72 +59	+78 +59	+89 +59	+105 +59	+133 +59	
80	100		+81 +71	+86 +71	+93 +71	+106 +71	+125 +71	+158 +71	
100	120		+89 +79	+94 +79	+101 +79	+114 +79	+133 +79	+166 +79	
120	140		+104 +92	+110 +92	+117 +92	+132 +92	+155 +92	+192 +92	
140	160		+112 +100	+118 +100	+125 +100	+140 +100	+163 +100	+200 +100	
160	180		+120 +108	+126 +108	+133 +108	+148 +108	+171 +108	+208 +108	
180	200		+136 +122	+142 +122	+151 +122	+168 +122	+194 +122	+237 +122	
200	225		+144 +130	+150 +130	+159 +130	+176 +130	+202 +130	+245 +130	
225	250		+154 +140	+160 +140	+169 +140	+186 +140	+212 +140	+255 +140	
250	280		+174 +158	+181 +158	+190 +158	+210 +158	+239 +158	+288 +158	
280	315		+186 +170	+193 +170	+202 +170	+222 +170	+251 +170	+300 +170	
315	355		+208 +190	+215 +190	+226 +190	+247 +190	+279 +190	+330 +190	

续表 28 轴 s 的极限偏差

 μm

基本尺寸 mm		s							
大于	至	3	4	5	6	7	8	9	10
355	400		+226 +208	+233 +208	+244 +208	+265 +208	+297 +208	+348 +208	
400	450		+252 +232	+259 +232	+272 +232	+295 +232	+329 +232	+387 +232	
450	500		+272 +252	+279 +252	+292 +252	+315 +252	+349 +252	+407 +252	
500	560				+324 +280	+350 +280	+390 +280		
560	630				+354 +310	+380 +310	+420 +310		
630	710				+390 +340	+420 +340	+465 +340		
710	800				+430 +380	+460 +380	+505 +380		
800	900				+486 +430	+520 +430	+570 +430		
900	1 000				+526 +470	+560 +470	+610 +470		
1 000	1 120				+586 +520	+625 +520	+685 +520		
1 120	1 250				+646 +580	+685 +580	+745 +580		
1 250	1 400				+718 +640	+765 +640	+835 +640		
1 400	1 600				+798 +720	+845 +720	+915 +720		
1 600	1 800				+912 +820	+970 +820	+1 050 + 820		
1 800	2 000				+1 012 + 920	+1 070 + 920	+1 150 + 920		
2 000	2 240				+1 110 +1 000	+1 175 +1 000	+1 280 +1 000		
2 240	2 500				+1 210 +1 100	+1 275 +1 100	+1 380 +1 100		
2 500	2 800				+1 385 +1 250	+1 460 +1 250	+1 580 +1 250		
2 800	3 150				+1 535 +1 400	+1 610 +1 400	+1 730 +1 400		

表 29 轴 t 和 u 的极限偏差

 μm

基本尺寸 mm		t				u				
大于	至	5	6	7	8	5	6	7	8	9
—	3					+22 +18	+24 +18	+28 +18	+32 +18	+43 +18
3	6					+28 +23	+31 +23	+35 +23	+41 +23	+53 +23
6	10					+34 +28	+37 +28	+43 +28	+50 +28	+64 +28
10	18					+41 +33	+44 +33	+51 +33	+60 +33	+76 +33
18	24					+50 +41	+54 +41	+62 +41	+74 +41	+93 +41
24	30	+50 +41	+54 +41	+62 +41	+74 +41	+57 +48	+61 +48	+69 +48	+81 +48	+100 +48
30	40	+59 +48	+64 +48	+73 +48	+87 +48	+71 +60	+76 +60	+85 +60	+99 +60	+122 +60
40	50	+65 +54	+70 +54	+79 +54	+93 +54	+81 +70	+86 +70	+95 +70	+109 +70	+132 +70
50	65	+79 +66	+85 +66	+96 +66	+112 +66	+100 +87	+106 +87	+117 +87	+133 +87	+161 +87
65	80	+88 +75	+94 +75	+105 +75	+121 +75	+115 +102	+121 +102	+132 +102	+148 +102	+176 +102
80	100	+106 +91	+113 +91	+126 +91	+145 +91	+139 +124	+146 +124	+159 +124	+178 +124	+211 +124
100	120	+119 +104	+126 +104	+139 +104	+158 +104	+159 +144	+166 +144	+179 +144	+198 +144	+231 +144
120	140	+140 +122	+147 +122	+162 +122	+185 +122	+188 +170	+195 +170	+210 +170	+233 +170	+270 +170
140	160	+152 +134	+159 +134	+174 +134	+197 +134	+208 +190	+215 +190	+230 +190	+253 +190	+290 +190
160	180	+164 +146	+171 +146	+186 +146	+209 +146	+228 +210	+235 +210	+250 +210	+273 +210	+310 +210
180	200	+186 +166	+195 +166	+212 +166	+238 +166	+256 +236	+265 +236	+282 +236	+308 +236	+351 +236
200	225	+200 +180	+209 +180	+226 +180	+252 +180	+278 +258	+287 +258	+304 +258	+330 +258	+373 +258
225	250	+216 +196	+225 +196	+242 +196	+268 +196	+304 +284	+313 +284	+330 +284	+356 +284	+399 +284
250	280	+241 +218	+250 +218	+270 +218	+299 +218	+338 +315	+347 +315	+367 +315	+396 +315	+445 +315
280	315	+263 +240	+272 +240	+292 +240	+321 +240	+373 +350	+382 +350	+402 +350	+431 +350	+480 +350

续表 29 轴 t 和 u 的极限偏差

μm

基本尺寸 mm		t				u				
大于	至	5	6	7	8	5	6	7	8	9
315	355	+293 +268	+304 +268	+325 +268	+357 +268	+415 +390	+426 +390	+447 +390	+479 +390	+530 +390
355	400	+319 +294	+330 +294	+351 +294	+383 +294	+460 +435	+471 +435	+492 +435	+524 +435	+575 +435
400	450	+357 +330	+370 +330	+393 +330	+427 +330	+517 +490	+530 +490	+553 +490	+587 +490	+645 +490
450	500	+387 +360	+400 +360	+423 +360	+457 +360	+567 +540	+580 +540	+603 +540	+637 +540	+695 +540
500	560		+444 +400	+470 +400			+644 +600	+670 +600	+710 +600	
560	630		+494 +450	+520 +450			+704 +660	+730 +660	+770 +660	
630	710		+550 +500	+580 +500			+790 +740	+820 +740	+865 +740	
710	800		+610 +560	+640 +560			+890 +840	+920 +840	+965 +840	
800	900		+676 +620	+710 +620			+996 +940	+1 030 + 940	+1 080 + 940	
900	1 000		+736 +680	+770 +680			+1 106 +1 050	+1 140 +1 050	+1 190 +1 050	
1 000	1 120		+846 +780	+885 +780			+1 216 +1 150	+1 255 +1 150	+1 315 +1 150	
1 120	1 250		+906 +840	+945 +840			+1 366 +1 300	+1 405 +1 300	+1 465 +1 300	
1 250	1 400		+1 038 + 960	+1 085 + 960			+1 528 +1 450	+1 575 +1 450	+1 645 +1 450	
1 400	1 600		+1 128 +1 050	+1 175 +1 050			+1 678 +1 600	+1 725 +1 600	+1 795 +1 600	
1 600	1 800		+1 292 +1 200	+1 350 +1 200			+1 942 +1 850	+2 000 +1 850	+2 080 +1 850	
1 800	2 000		+1 442 +1 350	+1 500 +1 350			+2 092 +2 000	+2 150 +2 000	+2 230 +2 000	
2 000	2 240		+1 610 +1 500	+1 675 +1 500			+2 410 +2 300	+2 475 +2 300	+2 580 +2 300	
2 240	2 500		+1 760 +1 650	+1 825 +1 650			+2 610 +2 500	+2 675 +2 500	+2 780 +2 500	
2 500	2 800		+2 035 +1 900	+2 110 +1 900			+3 035 +2 900	+3 110 +2 900	+3 230 +2 900	
2 800	3 150		+2 235 +2 100	+2 310 +2 100			+3 335 +3 200	+3 410 +3 200	+3 530 +3 200	

注:基本尺寸至 24mm 的 t5 至 t8 的偏差值未列入表内,建议以 u5 至 u8 代替。如非要 t5 至 t8,则可按 GB/T 1800.3 计算。

表 30 轴 v、x 和 y 的极限偏差

基本尺寸 mm		v								x										y										μm
大于	至	5	6	7	8	5	6	7	8	9	10	7	8	9	10	6	7	8	9	10	6	7	8	9	10					
—	3					+24 +20	+26 +20	+30 +20	+34 +20	+45 +20	+60 +20																			
3	6					+33 +28	+36 +28	+40 +28	+46 +28	+58 +28	+76 +28																			
6	10					+40 +34	+43 +34	+49 +34	+56 +34	+70 +34	+92 +34																			
10	14					+48 +40	+51 +40	+58 +40	+67 +40	+83 +40	+110 +40																			
14	18	+47 +39	+50 +39	+57 +39	+66 +39	+53 +45	+56 +45	+63 +45	+72 +45	+88 +45	+115 +45																			
18	24	+56 +47	+60 +47	+68 +47	+80 +47	+63 +54	+67 +54	+75 +54	+87 +54	+106 +54	+138 +54	+76 +63	+84 +63	+96 +75	+108 +75	+110 +94	+119 +94	+133 +94	+153 +94	+176 +114	+130 +114	+139 +114	+153 +114	+176 +114	+214 +114	+147 +63				
24	30	+64 +55	+68 +55	+76 +55	+88 +55	+73 +64	+77 +64	+85 +64	+97 +64	+116 +64	+148 +64	+88 +75	+96 +64	+108 +75	+127 +75	+110 +94	+119 +94	+133 +94	+156 +94	+176 +114	+130 +114	+139 +114	+153 +114	+176 +114	+214 +114	+159 +75				
30	40	+79 +68	+84 +68	+93 +68	+107 +68	+91 +80	+96 +80	+105 +80	+119 +80	+142 +80	+180 +80	+96 +80	+105 +80	+119 +80	+136 +97	+110 +94	+119 +94	+133 +94	+156 +94	+176 +114	+130 +114	+139 +114	+153 +114	+176 +114	+214 +114	+194 +94				
40	50	+92 +81	+97 +81	+106 +81	+120 +81	+108 +97	+113 +97	+122 +97	+136 +97	+159 +97	+197 +97	+96 +80	+105 +80	+119 +80	+136 +97	+110 +94	+119 +94	+133 +94	+156 +94	+176 +114	+130 +114	+139 +114	+153 +114	+176 +114	+214 +114	+194 +94				
50	65	+115 +102	+121 +102	+132 +102	+148 +102	+135 +122	+141 +122	+152 +122	+168 +122	+196 +122	+242 +122	+96 +80	+105 +80	+119 +80	+136 +97	+110 +94	+119 +94	+133 +94	+156 +94	+176 +114	+130 +114	+139 +114	+153 +114	+176 +114	+214 +114	+194 +94				
65	80	+133 +120	+139 +120	+150 +120	+166 +120	+159 +146	+165 +146	+176 +146	+192 +146	+220 +146	+266 +146	+96 +80	+105 +80	+119 +80	+136 +97	+110 +94	+119 +94	+133 +94	+156 +94	+176 +114	+130 +114	+139 +114	+153 +114	+176 +114	+214 +114	+194 +94				
80	100	+161 +146	+168 +146	+181 +146	+200 +146	+193 +178	+200 +178	+213 +178	+232 +178	+265 +178	+318 +178	+96 +80	+105 +80	+119 +80	+136 +97	+110 +94	+119 +94	+133 +94	+156 +94	+176 +114	+130 +114	+139 +114	+153 +114	+176 +114	+214 +114	+194 +94				
100	120	+187 +172	+194 +172	+207 +172	+226 +172	+225 +210	+232 +210	+245 +210	+264 +210	+297 +210	+350 +210	+96 +80	+105 +80	+119 +80	+136 +97	+110 +94	+119 +94	+133 +94	+156 +94	+176 +114	+130 +114	+139 +114	+153 +114	+176 +114	+214 +114	+194 +94				

续表 31 轴 z 和 za 的极限偏差

基本尺寸 mm		z										za										μm	
		6	7	8	9	10	11	6	7	8	9	10	11										
大于	至																						
100	120	+332 +310	+345 +310	+364 +310	+397 +310	+450 +310	+530 +310	+422 +400	+435 +400	+454 +400	+487 +400	+540 +400	+620 +400										
120	140	+390 +365	+405 +365	+428 +365	+465 +365	+525 +365	+615 +365	+495 +470	+510 +470	+533 +470	+570 +470	+630 +470	+720 +470										
140	160	+440 +415	+455 +415	+478 +415	+515 +415	+575 +415	+665 +415	+560 +535	+575 +535	+598 +535	+635 +535	+695 +535	+785 +535										
160	180	+490 +465	+505 +465	+528 +465	+565 +465	+625 +465	+715 +465	+625 +600	+640 +600	+663 +600	+700 +600	+760 +600	+850 +600										
180	200	+549 +520	+566 +520	+592 +520	+635 +520	+705 +520	+810 +520	+699 +670	+716 +670	+742 +670	+785 +670	+855 +670	+960 +670										
200	225	+604 +575	+621 +575	+647 +575	+690 +575	+760 +575	+865 +575	+769 +740	+786 +740	+812 +740	+855 +740	+925 +740	+1 030 + 740										
225	250	+669 +640	+686 +640	+712 +640	+755 +640	+825 +640	+930 +640	+849 +820	+866 +820	+892 +820	+935 +820	+1 005 + 820	+1 110 + 820										
250	280	+742 +710	+762 +710	+791 +710	+840 +710	+920 +710	+1 030 + 710	+952 +920	+972 +920	+1 001 + 920	+1 050 + 920	+1 130 + 920	+1 240 + 920										
280	315	+822 +790	+842 +790	+871 +790	+920 +790	+1 000 + 790	+1 110 + 790	+1 032 +1 000	+1 052 +1 000	+1 081 +1 000	+1 130 +1 000	+1 210 +1 000	+1 320 +1 000										
315	355	+936 +900	+957 +900	+989 +900	+1 040 + 900	+1 130 + 900	+1 260 + 900	+1 186 +1 150	+1 207 +1 150	+1 239 +1 150	+1 290 +1 150	+1 380 +1 150	+1 510 +1 150										
355	400	+1 036 +1 000	+1 057 +1 000	+1 089 +1 000	+1 140 +1 000	+1 230 +1 000	+1 360 +1 000	+1 336 +1 300	+1 357 +1 300	+1 389 +1 300	+1 440 +1 300	+1 530 +1 300	+1 660 +1 300										
400	450	+1 140 +1 100	+1 163 +1 100	+1 197 +1 100	+1 255 +1 100	+1 350 +1 100	+1 500 +1 100	+1 490 +1 450	+1 513 +1 450	+1 547 +1 450	+1 605 +1 450	+1 700 +1 450	+1 850 +1 450										
450	500	+1 290 +1 250	+1 313 +1 250	+1 347 +1 250	+1 405 +1 250	+1 500 +1 250	+1 650 +1 250	+1 640 +1 600	+1 663 +1 600	+1 697 +1 600	+1 755 +1 600	+1 850 +1 600	+2 000 +1 600										

表 32 轴 zb 和 zc 的极限偏差

 μm

基本尺寸 mm		zb					zc				
大于	至	7	8	9	10	11	7	8	9	10	11
—	3	+50 +40	+54 +40	+65 +40	+80 +40	+100 +40	+70 +60	+74 +60	+85 +60	+100 +60	+120 +60
3	6	+62 +50	+68 +50	+80 +50	+98 +50	+125 +50	+92 +80	+98 +80	+110 +80	+128 +80	+155 +80
6	10	+82 +67	+89 +67	+103 +67	+125 +67	+157 +67	+112 +97	+119 +97	+133 +97	+155 +97	+187 +97
10	14	+108 +90	+117 +90	+133 +90	+160 +90	+200 +90	+148 +130	+157 +130	+173 +130	+200 +130	+240 +130
14	18	+126 +108	+135 +108	+151 +108	+178 +108	+218 +108	+168 +150	+177 +150	+193 +150	+220 +150	+260 +150
18	24	+157 +136	+169 +136	+188 +136	+220 +136	+266 +136	+209 +188	+221 +188	+240 +188	+272 +188	+318 +188
24	30	+181 +160	+193 +160	+212 +160	+244 +160	+290 +160	+239 +218	+251 +218	+270 +218	+302 +218	+348 +218
30	40	+225 +200	+239 +200	+262 +200	+300 +200	+360 +200	+299 +274	+313 +274	+336 +274	+374 +274	+434 +274
40	50	+267 +242	+281 +242	+304 +242	+342 +242	+402 +242	+350 +325	+364 +325	+387 +325	+425 +325	+485 +325
50	65	+330 +300	+346 +300	+374 +300	+420 +300	+490 +300	+435 +405	+451 +405	+479 +405	+525 +405	+595 +405
65	80	+390 +360	+406 +360	+434 +360	+480 +360	+550 +360	+510 +480	+526 +480	+554 +480	+600 +480	+670 +480
80	100	+480 +445	+499 +445	+532 +445	+585 +445	+665 +445	+620 +585	+639 +585	+672 +585	+725 +585	+805 +585
100	120	+560 +525	+579 +525	+612 +525	+665 +525	+745 +525	+725 +690	+744 +690	+777 +690	+830 +690	+910 +690
120	140	+660 +620	+683 +620	+720 +620	+780 +620	+870 +620	+840 +800	+863 +800	+900 +800	+960 +800	+1050 +800
140	160	+740 +700	+763 +700	+800 +700	+860 +700	+950 +700	+940 +900	+963 +900	+1 000 +900	+1 060 +900	+1 150 +900
160	180	+820 +780	+843 +780	+880 +780	+940 +780	+1 030 +780	+1 040 +1 000	+1 063 +1 000	+1 100 +1 000	+1 160 +1 000	+1 250 +1 000
180	200	+926 +880	+952 +880	+995 +880	+1 065 +880	+1 170 +880	+1 196 +1 150	+1 222 +1 150	+1 265 +1 150	+1 335 +1 150	+1 440 +1 150
200	225	+1 006 +960	+1 032 +960	+1 075 +960	+1 145 +960	+1 250 +960	+1 296 +1 250	+1 322 +1 250	+1 365 +1 250	+1 435 +1 250	+1 540 +1 250
225	250	+1 096 +1 050	+1 122 +1 050	+1 165 +1 050	+1 235 +1 050	+1 340 +1 050	+1 396 +1 350	+1 422 +1 350	+1 465 +1 350	+1 535 +1 350	+1 640 +1 350

续表 32 轴 zb 和 zc 的极限偏差

 μm

基本尺寸 mm		zb					zc				
大于	至	7	8	9	10	11	7	8	9	10	11
250	280	+1 252 +1 200	+1 281 +1 200	+1 330 +1 200	+1 410 +1 200	+1 520 +1 200	+1 620 +1 550	+1 631 +1 550	+1 680 +1 550	+1 760 +1 550	+1 870 +1 550
280	315	+1 352 +1 300	+1 381 +1 300	+1 430 +1 300	+1 510 +1 300	+1 620 +1 300	+1 752 +1 700	+1 781 +1 700	+1 830 +1 700	+1 910 +1 700	+2 020 +1 700
315	355	+1 557 +1 500	+1 589 +1 500	+1 640 +1 500	+1 730 +1 500	+1 860 +1 500	+1 957 +1 900	+1 989 +1 900	+2 040 +1 900	+2 130 +1 900	+2 260 +1 900
355	400	+1 707 +1 650	+1 739 +1 650	+1 790 +1 650	+1 880 +1 650	+2 010 +1 650	+2 157 +2 100	+2 189 +2 100	+2 240 +2 100	+2 330 +2 100	+2 460 +2 100
400	450	+1 913 +1 850	+1 947 +1 850	+2 005 +1 850	+2 100 +1 850	+2 250 +1 850	+2 463 +2 400	+2 497 +2 400	+2 555 +2 400	+2 650 +2 400	+2 800 +2 400
450	500	+2 163 +2 100	+2 197 +2 100	+2 255 +2 100	+2 350 +2 100	+2 500 +2 100	+2 663 +2 600	+2 697 +2 600	+2 755 +2 600	+2 850 +2 600	+3 000 +2 600

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