

常用するはめあいで用いる穴の寸法許容差 JIS B 0401-1998より抜粋

Deviations of Holes to be Used in Commonly Used Fits

基準寸法の区分 (mm)		穴の公差域クラス																		
を 超え	以下	B10	C9	C10	D8	D9	D10	E7	E8	E9	F6	F7	F8	G6	G7	H6	H7	H8	H9	H10
-	3	+180 +140	+85 +60	+100 +60	+34 +20	+45 +20	+60 +20	+24 +14	+28 +14	+39 +14	+12 +6	+16 +6	+20 +6	+8 +2	+12 +2	+6 0	+10 0	+14 0	+25 0	+40 0
3	6	+188 +140	+100 +70	+118 +70	+48 +30	+60 +30	+78 +30	+32 +20	+38 +20	+50 +20	+18 +10	+22 +10	+28 +10	+12 +4	+16 +4	+8 0	+12 0	+18 0	+30 0	+48 0
6	10	+208 +150	+116 +80	+138 +80	+62 +40	+76 +40	+98 +40	+40 +25	+47 +25	+61 +25	+22 +13	+28 +13	+35 +13	+14 +5	+20 +5	+9 0	+15 0	+22 0	+36 0	+58 0
10	14	+220 +150	+138 +95	+165 +95	+77 +50	+93 +50	+120 +50	+50 +32	+59 +32	+75 +32	+27 +16	+34 +16	+43 +16	+17 +6	+24 +6	+11 0	+18 0	+27 0	+43 0	+70 0
14	18																			
18	24	+244 +160	+162 +110	+194 +110	+98 +65	+117 +65	+149 +65	+61 +40	+73 +40	+92 +40	+33 +20	+41 +20	+53 +20	+20 +7	+28 +7	+13 0	+21 0	+33 0	+52 0	+84 0
24	30																			
30	40	+270 +170	+182 +120	+220 +120	+119 +80	+142 +80	+180 +80	+75 +50	+89 +50	+112 +50	+41 +25	+50 +25	+64 +25	+25 +9	+34 +9	+16 0	+25 0	+39 0	+62 0	+100 0
40	50	+280 +180	+192 +130	+230 +130																
50	65	+310 +190	+214 +140	+260 +140	+146 +100	+174 +100	+220 +100	+90 +60	+106 +60	+134 +60	+49 +30	+60 +30	+76 +30	+29 +10	+40 +10	+19 0	+30 0	+46 0	+74 0	+120 0
65	80	+320 +200	+224 +150	+270 +150																
80	100	+360 +220	+257 +170	+310 +170	+174 +120	+207 +120	+260 +120	+107 +72	+126 +72	+159 +72	+58 +36	+71 +36	+90 +36	+34 +12	+47 +12	+22 0	+35 0	+54 0	+87 0	+140 0
100	120	+380 +240	+267 +180	+320 +180																
120	140	+420 +260	+300 +200	+360 +200																
140	160	+440 +280	+310 +210	+370 +210	+208 +145	+245 +145	+305 +145	+125 +85	+148 +85	+185 +85	+68 +43	+83 +43	+106 +43	+39 +14	+54 +14	+25 0	+40 0	+63 0	+100 0	+160 0
160	180	+470 +310	+330 +230	+390 +230																
180	200	+525 +340	+355 +240	+425 +240																
200	225	+565 +380	+375 +260	+445 +260	+242 +170	+285 +170	+355 +170	+146 +100	+172 +100	+215 +100	+79 +50	+96 +50	+122 +50	+44 +15	+61 +15	+29 0	+46 0	+72 0	+115 0	+185 0
225	250	+605 +420	+395 +280	+465 +280																
250	280	+690 +480	+430 +300	+510 +300	+271 +190	+320 +190	+400 +190	+162 +110	+191 +110	+240 +110	+88 +56	+108 +56	+137 +56	+49 +17	+69 +17	+32 0	+52 0	+81 0	+130 0	+210 0
280	315	+750 +540	+460 +330	+540 +330																
315	355	+830 +600	+500 +360	+590 +360	+299 +210	+350 +210	+440 +210	+182 +125	+214 +125	+265 +125	+98 +62	+119 +62	+151 +62	+54 +18	+75 +18	+36 0	+57 0	+89 0	+140 0	+230 0
355	400	+910 +680	+540 +400	+630 +400																
400	450	+1010 +760	+595 +440	+690 +440	+327 +230	+385 +230	+480 +230	+198 +135	+232 +135	+290 +135	+108 +68	+131 +68	+165 +68	+60 +20	+83 +20	+40 0	+63 0	+97 0	+155 0	+250 0
450	500	+1090 +840	+635 +480	+730 +480																

備考 表中の各段で、上側の数値は上の寸法許容差、下側の数値は下の寸法許容差を示す。

unit: μm

基準寸法の区分 (mm)		穴の公差域クラス															
を 超え	以下	JS6	JS7	K6	K7	M6	M7	N6	N7	P6	P7	R7	S7	T7	U7	X7	
-	3	± 3	± 5	0 - 6	0 - 10	- 2 - 8	- 2 - 12	- 4 - 10	- 4 - 14	- 6 - 12	- 6 - 16	- 10 - 20	- 14 - 24	-	- 18 - 28	- 20 - 30	
3	6	± 4	± 6	+ 2 - 6	+ 3 - 9	- 1 - 9	0 - 12	- 5 - 13	- 4 - 16	- 9 - 17	- 8 - 20	- 11 - 23	- 15 - 27	-	- 19 - 31	- 24 - 36	
6	10	± 4.5	± 7	+ 2 - 7	+ 5 - 10	- 3 - 12	0 - 15	- 7 - 16	- 4 - 19	- 12 - 21	- 9 - 24	- 13 - 28	- 17 - 32	-	- 22 - 37	- 28 - 43	
10	14	± 5.5	± 9	+ 2 - 9	+ 6 - 12	- 4 - 15	0 - 18	- 9 - 20	- 5 - 23	- 15 - 26	- 11 - 29	- 16 - 34	- 21 - 39	-	- 26 - 44	- 33 - 51	
14	18			- 38 - 56													
18	24	± 6.5	± 10	+ 2 - 11	+ 6 - 15	- 4 - 17	0 - 21	- 11 - 24	- 7 - 28	- 18 - 31	- 14 - 35	- 20 - 41	- 27 - 48	-	- 33 - 54	- 46 - 67	
24	30			- 56 - 77													
30	40	± 8	± 12	+ 3 - 13	+ 7 - 18	- 4 - 20	0 - 25	- 12 - 28	- 8 - 33	- 21 - 37	- 17 - 42	- 25 - 50	- 34 - 59	- 39 - 64	- 51 - 76	-	
40	50			- 61 - 86													
50	65	± 9.5	± 15	+ 4 - 15	+ 9 - 21	- 5 - 24	0 - 30	- 14 - 33	- 9 - 39	- 26 - 45	- 21 - 51	- 30 - 60	- 42 - 72	- 55 - 85	- 76 - 106	-	
65	80			- 91 - 121													
80	100	± 11	± 17	+ 4 - 18	+ 10 - 25	- 6 - 28	0 - 35	- 16 - 38	- 10 - 45	- 30 - 52	- 24 - 59	- 38 - 73	- 58 - 93	- 78 - 113	- 111 - 146	-	
100	120			- 131 - 166													
120	140	± 12.5	± 20	+ 4 - 21	+ 12 - 28	- 8 - 33	0 - 40	- 20 - 45	- 12 - 52	- 36 - 61	- 28 - 68	- 48 - 88	- 77 - 117	- 107 - 147	-	-	-
140	160											- 119 - 159					
160	180											- 131 - 171					
180	200	± 14.5	± 23	+ 5 - 24	+ 13 - 33	- 8 - 37	0 - 46	- 22 - 51	- 14 - 60	- 41 - 70	- 33 - 79	- 60 - 106	- 105 - 151	-	-	-	-
200	225											- 113 - 159					
225	250											- 123 - 169					
250	280	± 16	± 26	+ 5 - 27	+ 16 - 36	- 9 - 41	0 - 52	- 25 - 57	- 14 - 66	- 47 - 79	- 36 - 88	- 74 - 126	-	-	-	-	-
280	315			- 78 - 130													
315	355	± 18	± 28	+ 7 - 29	+ 17 - 40	- 10 - 46	0 - 57	- 26 - 62	- 16 - 73	- 51 - 87	- 41 - 98	- 87 - 144	-	-	-	-	-
355	400			- 93 - 150													
400	450	± 20	± 31	+ 8 - 32	+ 18 - 45	- 10 - 50	0 - 63	- 27 - 67	- 17 - 80	- 55 - 95	- 45 - 108	- 103 - 166	-	-	-	-	-
450	500			- 109 - 172													

技術資料