

多く用いられるはめあいの軸の寸法許容差 JIS B 0401:1998より抜粋

Deviations of Shafts to be Used in Commonly Used Fits

基準寸法の区分 (mm)		穴の公差域クラス																
を越え	以下	b9	c9	d8	d9	e7	e8	e9	f6	f7	f8	g5	g6	h5	h6	h7	h8	h9
-	3	-140 -165	-60 -85	-20 -34	-20 -45	-14 -24	-14 -28	-14 -39	-6 -12	-6 -16	-6 -20	-2 -6	-2 -8	0 -4	0 -6	0 -10	0 -14	0 -25
3	6	-140 -170	-70 -100	-30 -48	-30 -60	-20 -32	-20 -38	-20 -50	-10 -18	-10 -22	-10 -28	-4 -9	-4 -12	0 -5	0 -8	0 -12	0 -18	0 -30
6	10	-150 -186	-80 -116	-40 -62	-40 -76	-25 -40	-25 -47	-25 -61	-13 -22	-13 -28	-13 -35	-5 -11	-5 -14	0 -6	0 -9	0 -15	0 -22	0 -36
10	14	-150 -193	-95 -138	-50 -77	-50 -93	-32 -50	-32 -59	-32 -75	-16 -27	-16 -34	-16 -43	-6 -14	-6 -17	0 -8	0 -11	0 -18	0 -27	0 -43
14	18	-150 -193	-95 -138	-50 -77	-50 -93	-32 -50	-32 -59	-32 -75	-16 -27	-16 -34	-16 -43	-6 -14	-6 -17	0 -8	0 -11	0 -18	0 -27	0 -43
18	24	-160 -212	-110 -162	-65 -98	-65 -117	-40 -61	-40 -73	-40 -92	-20 -33	-20 -41	-20 -53	-7 -16	-7 -20	0 -9	0 -13	0 -21	0 -33	0 -52
24	30	-160 -212	-110 -162	-65 -98	-65 -117	-40 -61	-40 -73	-40 -92	-20 -33	-20 -41	-20 -53	-7 -16	-7 -20	0 -9	0 -13	0 -21	0 -33	0 -52
30	40	-170 -232	-120 -182	-80 -119	-80 -142	-50 -75	-50 -89	-50 -112	-25 -41	-25 -50	-25 -64	-9 -20	-9 -25	0 -11	0 -16	0 -25	0 -39	0 -62
40	50	-170 -232	-120 -182	-80 -119	-80 -142	-50 -75	-50 -89	-50 -112	-25 -41	-25 -50	-25 -64	-9 -20	-9 -25	0 -11	0 -16	0 -25	0 -39	0 -62
50	65	-190 -264	-140 -214	-100 -146	-100 -174	-60 -90	-60 -106	-60 -134	-30 -49	-30 -60	-30 -76	-10 -23	-10 -29	0 -13	0 -19	0 -30	0 -46	0 -74
65	80	-190 -264	-140 -214	-100 -146	-100 -174	-60 -90	-60 -106	-60 -134	-30 -49	-30 -60	-30 -76	-10 -23	-10 -29	0 -13	0 -19	0 -30	0 -46	0 -74
80	100	-220 -307	-170 -257	-120 -174	-120 -207	-72 -107	-72 -126	-72 -159	-36 -58	-36 -71	-36 -90	-12 -27	-12 -34	0 -15	0 -22	0 -35	0 -54	0 -87
100	120	-220 -307	-170 -257	-120 -174	-120 -207	-72 -107	-72 -126	-72 -159	-36 -58	-36 -71	-36 -90	-12 -27	-12 -34	0 -15	0 -22	0 -35	0 -54	0 -87
120	140	-260 -360	-200 -300	-145 -208	-145 -245	-85 -125	-85 -148	-85 -185	-43 -68	-43 -83	-43 -106	-14 -32	-14 -39	0 -18	0 -25	0 -40	0 -63	0 -100
140	160	-260 -360	-200 -300	-145 -208	-145 -245	-85 -125	-85 -148	-85 -185	-43 -68	-43 -83	-43 -106	-14 -32	-14 -39	0 -18	0 -25	0 -40	0 -63	0 -100
160	180	-310 -410	-230 -330	-170 -242	-170 -285	-100 -146	-100 -172	-100 -215	-50 -79	-50 -96	-50 -122	-15 -35	-15 -44	0 -20	0 -29	0 -46	0 -72	0 -115
180	200	-310 -410	-230 -330	-170 -242	-170 -285	-100 -146	-100 -172	-100 -215	-50 -79	-50 -96	-50 -122	-15 -35	-15 -44	0 -20	0 -29	0 -46	0 -72	0 -115
200	225	-380 -495	-260 -375	-190 -271	-190 -320	-110 -162	-110 -191	-110 -240	-56 -88	-56 -108	-56 -137	-17 -40	-17 -49	0 -23	0 -32	0 -52	0 -81	0 -130
225	250	-380 -495	-260 -375	-190 -271	-190 -320	-110 -162	-110 -191	-110 -240	-56 -88	-56 -108	-56 -137	-17 -40	-17 -49	0 -23	0 -32	0 -52	0 -81	0 -130
250	280	-480 -610	-300 -430	-210 -299	-210 -350	-125 -182	-125 -214	-125 -265	-62 -98	-62 -119	-62 -151	-18 -43	-18 -54	0 -25	0 -36	0 -57	0 -89	0 -140
280	315	-480 -610	-300 -430	-210 -299	-210 -350	-125 -182	-125 -214	-125 -265	-62 -98	-62 -119	-62 -151	-18 -43	-18 -54	0 -25	0 -36	0 -57	0 -89	0 -140
315	355	-600 -740	-360 -500	-230 -299	-230 -385	-135 -198	-135 -232	-135 -232	-68 -108	-68 -108	-68 -131	-20 -47	-20 -60	0 -27	0 -40	0 -63	0 -97	0 -155
355	400	-600 -740	-360 -500	-230 -299	-230 -385	-135 -198	-135 -232	-135 -232	-68 -108	-68 -108	-68 -131	-20 -47	-20 -60	0 -27	0 -40	0 -63	0 -97	0 -155
400	450	-760 -915	-440 -595	-230 -327	-230 -385	-135 -198	-135 -232	-135 -232	-68 -108	-68 -108	-68 -131	-20 -47	-20 -60	0 -27	0 -40	0 -63	0 -97	0 -155
450	500	-760 -915	-440 -595	-230 -327	-230 -385	-135 -198	-135 -232	-135 -232	-68 -108	-68 -108	-68 -131	-20 -47	-20 -60	0 -27	0 -40	0 -63	0 -97	0 -155

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	js5	js6	js7	k5	k6	m5	m6	n6	p6	r6	s6	t6	u6	x6
-	3	± 2	± 3	± 5	+ 4 0	+ 6 0	+ 6 + 2	+ 8 + 2	+10 + 4	+ 12 + 6	+ 16 + 10	+ 20 + 14	-	+ 24 + 18	+26 +20
3	6	± 2.5	± 4	± 6	+ 6 + 1	+ 9 + 1	+ 9 + 4	+12 + 4	+16 + 8	+ 20 + 12	+ 23 + 15	+ 27 + 19	-	+ 31 + 23	+36 +28
6	10	± 3	± 4.5	± 7	+ 7 + 1	+10 + 1	+12 + 6	+15 + 6	+19 +10	+ 24 + 15	+ 28 + 19	+ 32 + 23	-	+ 37 + 28	+43 +34
10	14	± 4	± 5.5	± 9	+ 9 + 1	+12 + 1	+15 + 7	+18 + 7	+23 +12	+ 29 + 18	+ 34 + 23	+ 39 + 28	-	+ 44 + 33	+51 +40
14	18														+56 +45
18	24	± 4.5	± 6.5	±10	+11 + 2	+15 + 2	+17 + 8	+21 + 8	+28 +15	+ 35 + 22	+ 41 + 28	+ 48 + 35	-	+ 54 + 41	+67 +54
24	30														+ 61 + 48
30	40	± 5.5	± 8	±12	+13 + 2	+18 + 2	+20 + 9	+25 + 9	+33 +17	+ 42 + 26	+ 50 + 34	+ 59 + 43	+ 64 + 48	+ 76 + 60	-
40	50												+ 70 + 54	+ 86 + 70	
50	65	± 6.5	± 9.5	±15	+15 + 2	+21 + 2	+24 +11	+30 +11	+39 +20	+ 51 + 32	+ 60 + 41	+ 72 + 53	+ 85 + 66	+106 + 87	-
65	80										+ 62 + 43	+ 78 + 59	+ 94 + 75	+121 +102	
80	100	± 7.5	±11	±17	+18 + 3	+25 + 3	+28 +13	+35 +13	+45 +23	+ 59 + 37	+ 73 + 51	+ 93 + 71	+113 + 91	+146 +124	-
100	120										+ 76 + 54	+101 + 79	+126 +104	+166 +144	
120	140	± 9	±12.5	±20	+21 + 3	+28 + 3	+33 +15	+40 +15	+52 +27	+ 68 + 43	+ 88 + 63	+117 + 92	+147 +122	-	-
140	160										+ 90 + 65	+125 +100	+159 +134		
160	180										+ 93 + 68	+133 +108	+171 +146		
180	200	±10	±14.5	±23	+24 + 4	+33 + 4	+37 +17	+46 +17	+60 +31	+ 79 + 50	+106 + 77	+151 +122	-	-	-
200	225										+109 + 80	+159 +130			
225	250										+113 + 84	+169 +140			
250	280	±11.5	±16	±26	+27 + 4	+36 + 4	+43 +20	+52 +20	+66 +34	+ 88 + 56	+126 + 94	-	-	-	-
280	315										+130 + 98				
315	355	±12.5	±18	±28	+29 + 4	+40 + 4	+46 +21	+57 +21	+73 +37	+ 98 + 62	+144 +108	-	-	-	-
355	400										+150 +114				
400	450	±13.5	±20	±31	+32 + 5	+45 + 5	+50 +23	+63 +23	+80 +40	+108 + 68	+166 +126	-	-	-	-
450	500										+172 +132				