

Fitting Tolerances for Shafts & Housing Bore Diameters

Units : μm

Nominal Diameter (mm)	Tolerances for Shaft Diameters																		Tolerances for Housing Bore Diameters																																															
	f						g						h						js						j						k						H						Js						J						K						M					
	f5	f6	f7	f5	f6	f7	g5	g6	g7	h5	h6	h7	h8	js5	js6	js7	j5	j6	j7	k5	k6	k7	H5	H6	H7	H8	Js5	Js6	Js7	Js8	J6	J7	J8	K6	K7	K8	M6	M7	M8																											
3	-6	-10	-12	-16	-6	-8	-12	-4	-6	-10	-14	0	± 2	± 3	± 5	+2	+4	+6	+4	+6	+10	+4	+6	+10	+14	± 2	± 3	± 5	± 7	+2	+4	+6	0	0	0	-2	-2	-2	-2	-2	-2																									
6	-10	-15	-18	-22	-9	-12	-16	-5	-8	-12	-18	0	± 2.5	± 4	± 6	+3	+6	+8	+5	+8	+13	+5	+8	+12	+18	± 2.5	± 4	± 6	± 9	+5	+6	+10	+2	+3	+5	-1	-1	-1	-1	-1	-1																									
10	-13	-19	-22	-28	-11	-14	-20	-6	-9	-15	-22	0	± 3	± 4.5	± 7	+4	+7	+10	+6	+9	+16	+6	+9	+15	+22	± 3	± 4.5	± 7	± 11	+5	+8	+12	+2	+5	+6	-3	-3	-3	-3	-3	-3																									
14	-16	-24	-27	-34	-14	-17	-24	-8	-11	-18	-27	0	± 4	± 5.5	± 9	+5	+8	+12	+8	+12	+19	+8	+11	+18	+27	± 4	± 5.5	± 9	± 13	+6	+10	+15	+2	+6	+8	-4	-4	-4	-4	-4	-4																									
18	-20	-29	-33	-41	-16	-20	-28	-9	-13	-21	-33	0	± 4.5	± 6.5	± 10	+5	+9	+13	+9	+15	+23	+9	+13	+21	+33	± 4.5	± 6.5	± 10	± 16	+8	+12	+20	+2	+6	+10	-4	-4	-4	-4	-4	-4																									
24	-25	-36	-41	-50	-20	-25	-34	-11	-16	-25	-39	0	± 5.5	± 8	± 12	+6	+11	+15	+13	+18	+27	+11	+16	+25	+39	± 5.5	± 8	± 12	± 19	+10	+14	+24	+3	+7	+12	-4	-4	-4	-4	-4	-4																									
30	-30	-43	-49	-60	-23	-29	-40	-13	-19	-30	-46	0	± 6.5	± 9.5	± 15	+6	+12	+18	+15	+21	+32	+13	+19	+30	+46	± 6.5	± 9.5	± 15	± 23	+13	+18	+28	+4	+9	+14	-5	-5	-5	-5	-5	-5																									
40	-36	-51	-58	-71	-27	-34	-47	-15	-22	-35	-54	0	± 7.5	± 11	± 17	+6	+13	+20	+18	+25	+38	+15	+22	+35	+54	± 7.5	± 11	± 17	± 27	+16	+22	+34	+4	+10	+16	-6	-6	-6	-6	-6	-6																									
50	-43	-61	-68	-83	-32	-39	-54	-18	-25	-40	-63	0	± 9	± 12.5	± 20	+7	+14	+22	+21	+28	+43	+18	+25	+40	+63	± 9	± 12.5	± 20	± 31	+18	+26	+41	+4	+12	+20	-7	-7	-7	-7	-7	-7																									
65	-51	-71	-81	-98	-40	-49	-68	-25	-35	-50	-78	0	± 11	± 15	± 24	+9	+18	+28	+28	+38	+58	+25	+35	+54	+84	± 11	± 15	± 24	± 41	+26	+36	+51	+6	+16	+26	-11	-11	-11	-11	-11	-11																									
80	-60	-81	-93	-113	-47	-57	-80	-30	-42	-60	-90	0	± 13	± 18	± 29	+11	+22	+35	+35	+48	+72	+30	+42	+63	+96	± 13	± 18	± 29	± 51	+34	+46	+65	+8	+20	+32	-14	-14	-14	-14	-14	-14																									
100	-72	-96	-111	-138	-57	-69	-96	-38	-52	-75	-112	0	± 15	± 21	± 34	+13	+26	+41	+45	+63	+96	+42	+58	+87	+132	± 15	± 21	± 34	± 61	+40	+54	+78	+10	+26	+42	-18	-18	-18	-18	-18	-18																									
120	-84	-111	-129	-162	-69	-83	-114	-45	-63	-93	-141	0	± 18	± 25	± 41	+16	+32	+50	+60	+84	+126	+54	+75	+112	+168	± 18	± 25	± 41	± 77	+46	+62	+90	+12	+30	+48	-21	-21	-21	-21	-21	-21																									
140	-96	-126	-147	-186	-81	-97	-132	-54	-75	-111	-168	0	± 21	± 29	± 47	+19	+38	+59	+81	+112	+168	+75	+105	+156	+252	± 21	± 29	± 47	± 91	+54	+74	+108	+14	+34	+54	-24	-24	-24	-24	-24	-24																									
160	-111	-144	-168	-216	-93	-111	-150	-63	-87	-129	-198	0	± 24	± 33	± 53	+22	+44	+67	+96	+132	+201	+90	+126	+180	+288	± 24	± 33	± 53	± 105	+60	+84	+126	+16	+38	+60	-27	-27	-27	-27	-27	-27																									
180	-126	-162	-189	-246	-108	-129	-174	-75	-105	-156	-252	0	± 27	± 37	± 59	+25	+50	+75	+108	+147	+225	+105	+147	+216	+360	± 27	± 37	± 59	± 121	+66	+93	+138	+18	+42	+66	-30	-30	-30	-30	-30	-30																									