

table 4 - Shaft tolerances and resultant fits

Shaft Nominal diameter d		Bearing Bore diameter tolerance t_{Admp}		Shaft diameter deviations, resultant fits ¹⁾									
				Tolerance classes									
				k5 [Ⓔ]		k6 [Ⓔ]		m5 [Ⓔ]		m6 [Ⓔ]		n5 [Ⓔ]	
				Deviations (shaft diameter)									
				Theoretical interference (-)									
				Probable interference (-)									
>	≤	L	U										
mm		μm		μm									
-	3	-8	0	+4	0	+6	0	+6	+2	+8	+2	+8	+4
				-12	0	-14	0	-14	-2	-16	-2	-16	-4
				-11	-1	-12	-2	-13	-3	-14	-4	-15	-5
3	6	-8	0	+6	+1	+9	+1	+9	+4	+12	+4	+13	+8
				-14	-1	-17	-1	-17	-4	-20	-4	-21	-8
				-13	-2	-15	-3	-16	-5	-18	-6	-20	-9
6	10	-8	0	+7	+1	+10	+1	+12	+6	+15	+6	+16	+10
				-15	-1	-18	-1	-20	-6	-23	-6	-24	-10
				-13	-3	-16	-3	-18	-8	-21	-8	-22	-12
10	18	-8	0	+9	+1	+12	+1	+15	+7	+18	+7	+20	+12
				-17	-1	-20	-1	-23	-7	-26	-7	-28	-12
				-15	-3	-18	-3	-21	-9	-24	-9	-26	-14
18	30	-10	0	+11	+2	+15	+2	+17	+8	+21	+8	+24	+15
				-21	-2	-25	-2	-27	-8	-31	-8	-34	-15
				-19	-4	-22	-5	-25	-10	-28	-11	-32	-17
30	50	-12	0	+13	+2	+18	+2	+20	+9	+25	+9	+28	+17
				-25	-2	-30	-2	-32	-9	-37	-9	-40	-17
				-22	-5	-26	-6	-29	-12	-33	-13	-37	-20
50	80	-15	0	+15	+2	+21	+2	+24	+11	+30	+11	+33	+20
				-30	-2	-36	-2	-39	-11	-45	-11	-48	-20
				-26	-6	-32	-6	-35	-15	-41	-15	-44	-24
80	120	-20	0	+18	+3	+25	+3	+28	+13	+35	+13	+38	+23
				-38	-3	-45	-3	-48	-13	-55	-13	-58	-23
				-33	-8	-39	-9	-43	-18	-49	-19	-53	-28
120	180	-25	0	+21	+3	+28	+3	+33	+15	+40	+15	+45	+27
				-46	-3	-53	-3	-58	-15	-65	-15	-70	-27
				-40	-9	-46	-10	-52	-21	-58	-22	-64	-33
180	250	-30	0	+24	+4	+33	+4	+37	+17	+46	+17	+51	+31
				-54	-4	-63	-4	-67	-17	-76	-17	-81	-31
				-48	-10	-55	-12	-61	-23	-68	-25	-75	-37
250	315	-35	0	+27	+4	+36	+4	+43	+20	+52	+20	+57	+34
				-62	-4	-71	-4	-78	-20	-87	-20	-92	-34

				-54	-12	-62	-13	-70	-28	-78	-29	-84	-42
315	400	-40	0	+29	+4	+40	+4	+46	+21	+57	+21	+62	+37
				-69	-4	-80	-4	-86	-21	-97	-21	-102	-37
				-61	-12	-69	-15	-78	-29	-86	-32	-94	-45
400	500	-45	0	+32	+5	+45	+5	+50	+23	+63	+23	+67	+40
				-77	-5	-90	-5	-95	-23	-108	-23	-112	-40
				-68	-14	-78	-17	-86	-32	-96	-35	-103	-49
500	630	-50	0	+29	0	+44	0	+55	+26	+70	+26	+73	+44
				-78	0	-94	0	-105	-26	-120	-26	-122	-44
				-68	-10	-81	-13	-94	-36	-107	-39	-112	-54
630	800	-75	0	+32	0	+50	0	+62	+30	+80	+30	+82	+50
				-107	0	-125	0	-137	-30	-155	-30	-157	-50
				-95	-12	-108	-17	-125	-42	-138	-47	-145	-62
800	1 000	-100	0	+36	0	+56	0	+70	+34	+90	+34	+92	+56
				-136	0	-156	0	-170	-34	-190	-34	-192	-56
				-122	-14	-136	-20	-156	-48	-170	-54	-178	-70
1 000	1 250	-125	0	+42	0	+66	0	+82	+40	+106	+40	+108	+66
				-167	0	-191	0	-207	-40	-231	-40	-233	-66
				-150	-17	-167	-24	-190	-57	-207	-64	-216	-83
1 250	1 600	-160	0	+50	0	+78	0	+98	+48	+126	+48	+128	+78
				-210	0	-238	0	-258	-48	-286	-48	-288	-78
				-189	-21	-208	-30	-237	-69	-256	-78	-267	-99
1 600	2 000	-200	0	+60	0	+92	0	+118	+58	+150	+58	+152	+92
				-260	0	-292	0	-318	-58	-350	-58	-352	-92
				-235	-25	-257	-35	-293	-83	-315	-93	-327	-117