table 2 - Shaft tolerances and resultant fits

Shaft Nominal diameter		Bearing Bore diameter tolerance		Shaft diameter deviations, resultant fits[1] Tolerance classes									
d		$t_{\Delta dmp}$		h6Ⓔ		h8Ⓔ		h9Ⓔ		j5Ⓔ		j6Ⓔ	
				Deviations (shaft diameter)									
				Theoretical interference (–)/clearance (+)									
>	≤	L	U	Probable interference (–)/clearance (+)									
mm		µm		µm									
–	3	–8	0	0	–6	0	–14	0	–25	+2	–2	+4	–2
				–8	+6	–8	+14	–8	+25	–10	+2	–12	+2
				–6	+4	–6	+12	–5	+22	–9	+1	–10	0
3	6	–8	0	0	–8	0	–18	0	–30	+3	–2	+6	–2
				–8	+8	–8	+18	–8	+30	–11	+2	–14	+2
				–6	+6	–5	+15	–5	+27	–10	+1	–12	0
6	10	–8	0	0	–9	0	–22	0	–36	+4	–2	+7	–2
				–8	+9	–8	+22	–8	+36	–12	+2	–15	+2
				–6	+7	–5	+19	–5	+33	–10	0	–13	0
10	18	–8	0	0	–11	0	–27	0	–43	+5	–3	+8	–3
				–8	+11	–8	+27	–8	+43	–13	+3	–16	+3
				–6	+9	–5	+24	–5	+40	–11	+1	–14	+1
18	30	–10	0	0	–13	0	–33	0	–52	+5	–4	+9	–4
				–10	+13	–10	+33	–10	+52	–15	+4	–19	+4
				–7	+10	–6	+29	–6	+48	–13	+2	–16	+1
30	50	–12	0	0	–16	0	–39	0	–62	+6	–5	+11	–5
				–12	+16	–12	+39	–12	+62	–18	+5	–23	+5
				–8	+12	–7	+34	–7	+57	–15	+2	–19	+1
50	80	–15	0	0	–19	0	–46	0	–74	+6	–7	+12	–7
				–15	+19	–15	+46	–15	+74	–21	+7	–27	+7
				–11	+15	–9	+40	–9	+68	–17	+3	–23	+3
80	120	–20	0	0	–22	0	–54	0	–87	+6	–9	+13	–9
				–20	+22	–20	+54	–20	+87	–26	+9	–33	+9
				–14	+16	–12	+46	–12	+79	–21	+4	–27	+3
120	180	–25	0	0	–25	0	–63	0	–100	+7	–11	+14	–11
				–25	+25	–25	+63	–25	+100	–32	+11	–39	+11
				–18	+18	–15	+53	–15	+90	–26	+5	–32	+4
180	250	–30	0	0	–29	0	–72	0	–115	+7	–13	+16	–13
				–30	+29	–30	+72	–30	+115	–37	+13	–46	+13
				–22	+21	–18	+60	–17	+102	–31	+7	–38	+5
250	315	–35	0	0	–32	0	–81	0	–130	+7	–16	+16	–16
				–35	+32	–35	+81	–35	+130	–42	+16	–51	+16

				–26	+23	–22	+68	–20	+115	–34	+8	–42	+7
315	400	–40	0	0	–36	0	–89	0	–140	+7	–18	+18	–18
				–40	+36	–40	+89	–40	+140	–47	+18	–58	+18
				–29	+25	–25	+74	–23	+123	–39	+10	–47	+7
400	500	–45	0	0	–40	0	–97	0	–155	+7	–20	+20	–20
				–45	+40	–45	+97	–45	+155	–52	+20	–65	+20
				–33	+28	–28	+80	–26	+136	–43	+11	–53	+8
500	630	–50	0	0	–44	0	–110	0	–175	–	–	–22	–22
				–50	+44	–50	+110	–50	+175	–	–	–72	+22
				–37	+31	–31	+91	–29	+154	–	–	–59	+9
630	800	–75	0	0	–50	0	–125	0	–200	–	–	+25	–25
				–75	+50	–75	+125	–75	+200	–	–	–100	+25
				–58	+33	–48	+98	–45	+170	–	–	–83	+8
800	1 000	–100	0	0	–56	0	–140	0	–230	–	–	+28	–28
				–100	+56	–100	+140	–100	+230	–	–	–128	+28
				–80	+36	–67	+107	–61	+191	–	–	–108	+8
1 000	1 250	–125	0	0	–66	0	–165	0	–260	–	–	+33	–33
				–125	+66	–125	+165	–125	+260	–	–	–158	+33
				–101	+42	–84	+124	–77	+212	–	–	–134	+9
1 250	1 600	–160	0	0	–78	0	–195	0	–310	–	–	+39	–39
				–160	+78	–160	+195	–160	+310	–	–	–199	+39
				–130	+48	–109	+144	–100	+250	–	–	–169	+9
1 600	2 000	–200	0	0	–92	0	–230	0	–370	–	–	+46	–46
				–200	+92	–200	+230	–200	+370	–	–	–246	+46
				–165	+57	–138	+168	–126	+296	–	–	–211	+11