

table 8 - Housing tolerances and resultant fits

Housing Nominal bore diameter D		Bearing Outside diameter tolerance t_{Dmp}		Housing bore diameter deviations, resultant fits ¹⁾ Tolerance classes									
>	≤	U	L	H7 \oplus	H8 \oplus		H9 \oplus		H10 \oplus		J6 \oplus		
				Deviations (housing bore diameter)									
				Theoretical interference (-)/clearance (+)									
				Probable interference (-)/clearance (+)									
mm		μm		μm									
6	10	0	-8	0	+15	0	+22	0	+36	0	+58	-4	+5
				0	+23	0	+30	0	+44	0	+66	-4	+13
				+3	+20	+3	+27	+3	+41	+3	+63	-2	+11
10	18	0	-8	0	+18	0	+27	0	+43	0	+70	-5	+6
				0	+26	0	+35	0	+51	0	+78	-5	+14
				+3	+23	+3	+32	+3	+48	+3	+75	-3	+12
18	30	0	-9	0	+21	0	+33	0	+52	0	+84	-5	+8
				0	+30	0	+42	0	+61	0	+93	-5	+17
				+3	+27	+3	+39	+4	+57	+4	+89	-2	+14
30	50	0	-11	0	+25	0	+39	0	+62	0	+100	-6	+10
				0	+36	0	+50	0	+73	0	+111	-6	+21
				+4	+32	+4	+46	+5	+68	+5	+106	-3	+18
50	80	0	-13	0	+30	0	+46	0	+74	0	+120	-6	+13
				0	+43	0	+59	0	+87	0	+133	-6	+26
				+5	+38	+5	+54	+5	+82	+6	+127	-2	+22
80	120	0	-15	0	+35	0	+54	0	+87	0	+140	-6	+16
				0	+50	0	+69	0	+102	0	+155	-6	+31
				+5	+45	+6	+63	+6	+96	+7	+148	-1	+26
120	150	0	-18	0	+40	0	+63	0	+100	0	+160	-7	+18
				0	+58	0	+81	0	+118	0	+178	-7	+36
				+7	+51	+7	+74	+8	+110	+8	+170	-1	+30
150	180	0	-25	0	+40	0	+63	0	+100	0	+160	-7	+18
				0	+65	0	+88	0	+125	0	+185	-7	+43
				+8	+57	+10	+78	+10	+115	+11	+174	0	+36
180	250	0	-30	0	+46	0	+72	0	+115	0	+185	-7	+22
				0	+76	0	+102	0	+145	0	+215	-7	+52
				+10	+66	+12	+90	+13	+132	+13	+202	+1	+44
250	315	0	-35	0	+52	0	+81	0	+130	0	+210	-7	+25
				0	+87	0	+116	0	+165	0	+245	-7	+60
				+12	+75	+13	+103	+15	+150	+16	+229	+2	+51
315	400	0	-40	0	+57	0	+89	0	+140	0	+230	-7	+29
				0	+97	0	+129	0	+180	0	+270	-7	+69

				+13	+84	+15	+114	+17	+163	+18	+252	+4	+58
400	500	0	-45	0	+63	0	+97	0	+155	0	+250	-7	+33
				0	+108	0	+142	0	+200	0	+295	-7	+78
				+15	+93	+17	+125	+19	+181	+20	+275	+5	+66
500	630	0	-50	0	+70	0	+110	0	+175	0	+280	-	-
				0	+120	0	+160	0	+225	0	+330	-	-
				+16	+104	+19	+141	+21	+204	+22	+308	-	-
630	800	0	-75	0	+80	0	+125	0	+200	0	+320	-	-
				0	+155	0	+200	0	+275	0	+395	-	-
				+22	+133	+27	+173	+30	+245	+33	+362	-	-
800	1 000	0	-100	0	+90	0	+140	0	+230	0	+360	-	-
				0	+190	0	+240	0	+330	0	+460	-	-
				+27	+163	+33	+207	+39	+291	+43	+417	-	-
1 000	1 250	0	-125	0	+105	0	+165	0	+260	0	+420	-	-
				0	+230	0	+290	0	+385	0	+545	-	-
				+33	+197	+41	+249	+48	+337	+53	+492	-	-
1 250	1 600	0	-160	0	+125	0	+195	0	+310	0	+500	-	-
				0	+285	0	+355	0	+470	0	+660	-	-
				+40	+245	+51	+304	+60	+410	+67	+593	-	-
1 600	2 000	0	-200	0	+150	0	+230	0	+370	0	+600	-	-
				0	+350	0	+430	0	+570	0	+800	-	-
				+50	+300	+62	+368	+74	+496	+83	+717	-	-
2 000	2 500	0	-250	0	+175	0	+280	0	+440	0	+700	-	-
				0	+425	0	+530	0	+690	0	+950	-	-
				+59	+366	+77	+453	+91	+599	+103	+847	-	-