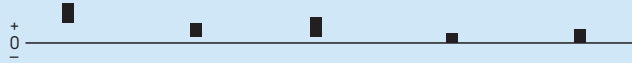


Housing tolerances and resultant fits (metric)



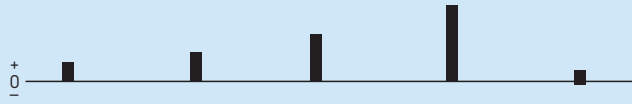
Housing Nominal bore diameter D		Bearing Outside diameter tolerance $\Delta_{D_{Bmp}}$		Deviations of housing bore diameter, resultant fits									
				Tolerance classes									
				F7	G6	G7			H5	H6			
				Deviations (housing bore diameter)									
				Theoretical clearance (+)									
				Probable clearance (+)									
over	incl.	high	low										
mm		μm		μm									
6	10	0	-8	+13	+28	+5	+14	+5	+20	0	+6	0	+9
				+13	+36	+5	+22	+5	+28	0	+14	0	+17
				+16	+33	+7	+20	+8	+25	+2	+12	+2	+15
10	18	0	-8	+16	+34	+6	+17	+6	+24	0	+8	0	+11
				+16	+42	+6	+25	+6	+32	0	+16	0	+19
				+19	+39	+8	+23	+9	+29	+2	+14	+2	+17
18	30	0	-9	+20	+41	+7	+20	+7	+28	0	+9	+0	+13
				+20	+50	+7	+29	+7	+37	0	+18	0	+22
				+23	+47	+10	+26	+10	+34	+2	+16	+3	+19
30	50	0	-11	+25	+50	+9	+25	+9	+34	0	+11	0	+16
				+25	+61	+9	+36	+9	+45	0	+22	0	+27
				+29	+57	+12	+33	+13	+41	+3	+19	+3	+24
50	80	0	-13	+30	+60	+10	+29	+10	+40	0	+13	0	+19
				+30	+73	+10	+42	+10	+53	0	+26	0	+32
				+35	+68	+14	+38	+15	+48	+3	+23	+4	+28
80	120	0	-15	+36	+71	+12	+34	+12	+47	0	+15	0	+22
				+36	+86	+12	+49	+12	+62	0	+30	0	+37
				+41	+81	+17	+44	+17	+57	+4	+26	+5	+32
120	150	0	-18	+43	+83	+14	+39	+14	+54	0	+18	0	+25
				+43	+101	+14	+57	+14	+72	0	+36	0	+43
				+50	+94	+20	+51	+21	+65	+5	+31	+6	+37
150	180	0	-25	+43	+83	+14	+39	+14	+54	0	+18	0	+25
				+43	+108	+14	+64	+14	+79	0	+43	0	+50
				+51	+100	+21	+57	+22	+71	+6	+37	+7	+43
180	250	0	-30	+50	+96	+15	+44	+15	+61	0	+20	0	+29
				+50	+126	+15	+74	+15	+91	0	+50	0	+59
				+60	+116	+23	+66	+25	+81	+6	+44	+8	+51
250	315	0	-35	+56	+108	+17	+49	+17	+69	0	+23	0	+32
				+56	+143	+17	+84	+17	+104	0	+58	0	+67
				+68	+131	+26	+75	+29	+92	+8	+50	+9	+58
315	400	0	-40	+62	+119	+18	+54	+18	+75	0	+25	0	+36
				+62	+159	+18	+94	+18	+115	0	+65	0	+76
				+75	+146	+29	+83	+31	+102	+8	+57	+11	+65
400	500	0	-45	+68	+131	+20	+60	+20	+83	0	+27	0	+40
				+68	+176	+20	+105	+20	+128	0	+72	0	+85
				+83	+161	+32	+93	+35	+113	+9	+63	+12	+73
500	630	0	-50	+76	+146	+22	+66	+22	+92	0	+28	0	+44
				+76	+196	+22	+116	+22	+142	0	+78	0	+94
				+92	+180	+35	+103	+38	+126	+10	+68	+13	+81
630	800	0	-75	+80	+160	+24	+74	+24	+104	0	+32	0	+50
				+80	+235	+24	+149	+24	+179	0	+107	0	+125
				+102	+213	+41	+132	+46	+157	+12	+95	+17	+108

Housing tolerances and resultant fits (metric)



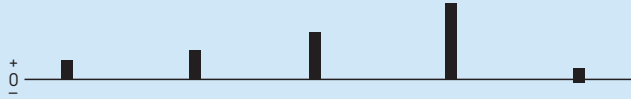
Housing Nominal bore diameter D		Bearing Outside diameter tolerance Δ_{Dmp}		Deviations of housing bore diameter, resultant fits									
				Tolerance classes									
				F7	G6		G7		H5		H6		
				Deviations (housing bore diameter)									
				Theoretical clearance (+)									
				Probable clearance (+)									
over	incl.	high	low	μm									
mm		μm		μm									
800	1000	0	-100	+86	+176	+26	+82	+26	+116	0	+36	0	+56
				+86	+276	+26	+182	+26	+216	0	+136	0	+156
				+113	+249	+46	+162	+53	+189	+14	+122	+20	+136
1000	1250	0	-125	+98	+203	+28	+94	+28	+133	0	+42	0	+66
				+98	+328	+28	+219	+28	+258	0	+167	0	+191
				+131	+295	+52	+195	+61	+225	+17	+150	+24	+167
1250	1600	0	-160	+110	+235	+30	+108	+30	+155	0	+50	0	+78
				+110	+395	+30	+268	+30	+315	0	+210	0	+238
				+150	+355	+60	+238	+70	+275	+21	+189	+30	+208
1600	2000	0	-200	+120	+270	+32	+124	+32	+182	0	+60	0	+92
				+120	+470	+32	+324	+32	+382	0	+260	0	+292
				+170	+420	+67	+289	+82	+332	+25	+235	+35	+257
2000	2500	0	-250	+130	+305	+34	+144	+34	+209	0	+70	0	+110
				+130	+555	+34	+394	+34	+459	0	+320	0	+360
				+189	+496	+77	+351	+93	+400	+30	+290	+43	+317

Housing tolerances and resultant fits (metric)



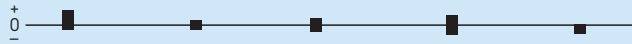
Housing		Bearing		Deviations of housing bore diameter, resultant fits																													
Nominal bore diameter D		Outside diameter Δ_{Dmp}		Tolerance classes																													
				H7			H8			H9			H10			J6																	
				Deviations (housing bore diameter)																													
				Theoretical interference (-)/clearance (+)																													
				Probable interference (-)/clearance (+)																													
over	incl.	high	low																														
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
				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
				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	+99	-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
				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
				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
				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
				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
				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
				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	-	-
				0	+80	0	+125	0	+200	0	+320	-	-	0	+155	0	+200	0	+275	0	+395	-	-	+22	+133	+27	+173	+30	+245	+33	+362	-	-
				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	-	-

Housing tolerances and resultant fits (metric)



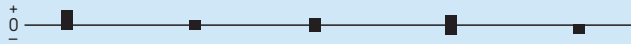
Housing Nominal bore diameter D		Bearing Outside diameter tolerance Δ_{Dmp}		Deviations of housing bore diameter, resultant fits																													
				Tolerance classes																													
				H7		H8		H9		H10		J6																					
				Deviations (housing bore diameter)																													
				Theoretical interference (-)/clearance (+)																													
				Probable interference (-)/clearance (+)																													
over	incl.	high	low																														
mm		μm		μm																													
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	-	-
				0	+105	0	+165	0	+260	0	+420	-	-	0	+230	0	+290	0	+385	0	+545	-	-	+33	+197	+41	+249	+48	+337	+53	+492	-	-
				0	+125	0	+195	0	+310	0	+500	-	-	0	+285	0	+355	0	+470	0	+660	-	-	+40	+245	+51	+304	+60	+410	+67	+593	-	-
1 000	1 250	0	-125	0	+150	0	+230	0	+370	0	+600	-	-	0	+350	0	+430	0	+570	0	+800	-	-	+50	+300	+62	+368	+74	+496	+83	+717	-	-
				0	+175	0	+280	0	+440	0	+700	-	-	0	+425	0	+530	0	+690	0	+950	-	-	+59	+366	+77	+453	+91	+599	+103	+847	-	-
				0	+125	0	+195	0	+310	0	+500	-	-	0	+285	0	+355	0	+470	0	+660	-	-	+40	+245	+51	+304	+60	+410	+67	+593	-	-
1 250	1 600	0	-160	0	+150	0	+230	0	+370	0	+600	-	-	0	+350	0	+430	0	+570	0	+800	-	-	+50	+300	+62	+368	+74	+496	+83	+717	-	-
				0	+175	0	+280	0	+440	0	+700	-	-	0	+425	0	+530	0	+690	0	+950	-	-	+59	+366	+77	+453	+91	+599	+103	+847	-	-
				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	-	-
				0	+175	0	+280	0	+440	0	+700	-	-	0	+425	0	+530	0	+690	0	+950	-	-	+59	+366	+77	+453	+91	+599	+103	+847	-	-
				0	+125	0	+195	0	+310	0	+500	-	-	0	+285	0	+355	0	+470	0	+660	-	-	+40	+245	+51	+304	+60	+410	+67	+593	-	-
2 000	2 500	0	-250	0	+150	0	+230	0	+370	0	+600	-	-	0	+350	0	+430	0	+570	0	+800	-	-	+50	+300	+62	+368	+74	+496	+83	+717	-	-
				0	+175	0	+280	0	+440	0	+700	-	-	0	+425	0	+530	0	+690	0	+950	-	-	+59	+366	+77	+453	+91	+599	+103	+847	-	-
				0	+125	0	+195	0	+310	0	+500	-	-	0	+285	0	+355	0	+470	0	+660	-	-	+40	+245	+51	+304	+60	+410	+67	+593	-	-

Housing tolerances and resultant fits (metric)



Housing		Bearing		Deviations of housing bore diameter, resultant fits									
Nominal bore diameter D		Outside diameter Δ_{Dmp}		Tolerance classes									
				J7	J55	J56	J57	K5					
				Deviations (housing bore diameter)									
				Theoretical interference (-)/clearance (+)									
				Probable interference (-)/clearance (+)									
over	incl.	high	low	μm									
mm		μm		μm									
6	10	0	-8	-7	+8	-3	+3	-4,5	+4,5	-7,5	+7,5	-5	+1
				-7	+16	-3	+11	-4,5	+12,5	-7,5	+15,5	-5	+9
				-4	+13	-1	+9	-3	+11	-5	+13	-3	+7
10	18	0	-8	-8	+10	-4	+4	-5,5	+5,5	-9	+9	-6	+2
				-8	+18	-4	+12	-5,5	+13,5	-9	+17	-6	+10
				-5	+15	-2	+10	-3	+11	-6	+14	-4	+8
18	30	0	-9	-9	+12	-4,5	+4,5	-6,5	+6,5	-10,5	+10,5	-8	+1
				-9	+21	-4,5	+13,5	-6,5	+15,5	-10,5	+19,5	-8	+10
				-6	+18	-2	+11	-4	+13	-7	+16	-6	+8
30	50	0	-11	-11	+14	-5,5	+5,5	-8	+8	-12,5	+12,5	-9	+2
				-11	+25	-5,5	+16,5	-8	+19	-12,5	+23,5	-9	+13
				-7	+21	-3	+14	-5	+16	-9	+20	-6	+10
50	80	0	-13	-12	+18	-6,5	+6,5	-9,5	+9,5	-15	+15	-10	+3
				-12	+31	-6,5	+19,5	-9,5	+22,5	-15	+28	-10	+16
				-7	+26	-3	+16	-6	+19	-10	+23	-7	+13
80	120	0	-15	-13	+22	-7,5	+7,5	-11	+11	-17,5	+17,5	-13	+2
				-13	+37	-7,5	+22,5	-11	+26	-17,5	+32,5	-13	+17
				-8	+32	-4	+19	-6	+21	-12	+27	-9	+13
120	150	0	-18	-14	+26	-9	+9	-12,5	+12,5	-20	+20	-15	+3
				-14	+44	-9	+27	-12,5	+30,5	-20	+38	-15	+21
				-7	+37	-4	+22	-7	+25	-13	+31	-10	+16
150	180	0	-25	-14	+26	-9	+9	-12,5	+12,5	-20	+20	-15	+3
				-14	+51	-9	+34	-12,5	+37,5	-20	+45	-15	+28
				-6	+43	-3	+28	-6	+31	-12	+37	-9	+22
180	250	0	-30	-16	+30	-10	+10	-14,5	+14,5	-23	+23	-18	+2
				-16	+60	-10	+40	-14,5	+44,5	-23	+53	-18	+32
				-6	+50	-4	+34	-6	+36	-13	+43	-12	+26
250	315	0	-35	-16	+36	-11,5	+11,5	-16	+16	-26	+26	-20	+3
				-16	+71	-11,5	+46,5	-16	+51	-26	+61	-20	+38
				-4	+59	-4	+39	-7	+42	-14	+49	-12	+30
315	400	0	-40	-18	+39	-12,5	+12,5	-18	+18	-28,5	+28,5	-22	+3
				-18	+79	-12,5	+52,5	-18	+58	-28,5	+68,5	-22	+43
				-5	+66	-4	+44	-7	+47	-15	+55	-14	+35
400	500	0	-45	-20	+43	-13,5	+13,5	-20	+20	-31,5	+31,5	-25	+2
				-20	+88	-13,5	+58,5	-20	+65	-31,5	+76,5	-25	+47
				-5	+73	-4	+49	-8	+53	-17	+62	-16	+38
500	630	0	-50	-	-	-14	+14	-22	+22	-35	+35	-	-
				-	-	-14	+64	-22	+72	-35	+85	-	-
				-	-	-4	+54	-9	+59	-19	+69	-	-
630	800	0	-75	-	-	-16	+16	-25	+25	-40	+40	-	-
				-	-	-16	+91	-25	+100	-40	+115	-	-
				-	-	-4	+79	-8	+83	-18	+93	-	-

Housing tolerances and resultant fits (metric)



Housing Nominal bore diameter D		Bearing Outside diameter tolerance Δ_{Dmp}		Deviations of housing bore diameter, resultant fits									
				Tolerance classes									
				J7	JS5	JS6	JS7	K5					
				Deviations (housing bore diameter)									
				Theoretical interference (-)/clearance (-)									
				Probable interference (-)/clearance (-)									
over	incl.	high	low	μm									
mm		μm		μm									
800	1 000	0	-100	-	-	-18	+18	-28	+28	-45	+45	-	-
				-	-	-18	+118	-28	+128	-45	+145	-	-
				-	-	-4	+104	-8	+108	-18	+118	-	-
1 000	1 250	0	-125	-	-	-21	+21	-33	+33	-52	+52	-	-
				-	-	-21	+146	-33	+158	-52	+177	-	-
				-	-	-4	+129	-9	+134	-20	+145	-	-
1 250	1 600	0	-160	-	-	-25	+25	-39	+39	-62	+62	-	-
				-	-	-25	+185	-39	+199	-62	+222	-	-
				-	-	-4	+164	-9	+169	-22	+182	-	-
1 600	2 000	0	-200	-	-	-30	+30	-46	+46	-75	+75	-	-
				-	-	-30	+230	-46	+246	-75	+275	-	-
				-	-	-5	+205	-11	+211	-25	+225	-	-
2 000	2 500	0	-250	-	-	-35	+35	-55	+55	-87	+87	-	-
				-	-	-35	+285	-55	+305	-87	+337	-	-
				-	-	-5	+255	-12	+262	-28	+278	-	-

Housing tolerances and resultant fits (metric)




Housing Nominal bore diameter D		Bearing Outside diameter tolerance Δ_{Dmp}		Deviations of housing bore diameter, resultant fits																																	
				Tolerance classes																																	
				K6		K7		M5		M6		M7																									
				Deviations (housing bore diameter)																																	
				Theoretical interference (-)/clearance (+)																																	
				Probable interference (-)/clearance (+)																																	
over	incl.	high	low																																		
mm		μm		μm																																	
6	10	0	-8	-7	+2	-10	+5	-10	-4	-12	-3	-15	0	-7	+10	-10	+13	-10	+4	-12	+5	-15	+8	-5	+8	-7	+10	-8	+2	-10	+3	-12	+5				
				10	18	0	-8	-9	+2	-12	+6	-12	-4	-15	-4	-18	0	-9	+10	-12	+14	-12	+4	-15	+4	-18	+8	-7	+8	-9	+11	-10	+2	-13	+2	-15	+5
								18	30	0	-9	-11	+2	-15	+6	-14	-4	-17	-4	-21	0	-11	+11	-15	+15	-14	+4	-17	+5	-21	+9	-8	+8	-12	+12	-12	+2
30	50	0	-11									-13	+3	-18	+7	-16	-5	-20	-4	-25	0	-13	+14	-18	+18	-16	+6	-20	+7	-25	+11	-10	+11	-14	+14	-13	+3
				50	80	0	-13					-15	+4	-21	+9	-19	-6	-24	-5	-30	0	-15	+17	-21	+22	-19	+7	-24	+8	-30	+13	-11	+13	-16	+17	-16	+4
								80	120	0	-15	-18	+4	-25	+10	-23	-8	-28	-6	-35	0	-18	+19	-25	+25	-23	+7	-28	+9	-35	+15	-13	+14	-20	+20	-19	+3
120	150	0	-18									-21	+4	-28	+12	-27	-9	-33	-8	-40	0	-21	+22	-28	+30	-27	+9	-33	+10	-40	+18	-15	+16	-21	+23	-22	+4
				150	180	0	-25					-21	+4	-28	+12	-27	-9	-33	-8	-40	0	-21	+29	-28	+37	-27	+16	-33	+17	-40	+25	-14	+22	-20	+29	-21	+10
								180	250	0	-30	-24	+5	-33	+13	-31	-11	-37	-8	-46	0	-24	+35	-33	+43	-31	+19	-37	+22	-46	+30	-16	+27	-23	+33	-25	+13
250	315	0	-35									-27	+5	-36	+16	-36	-13	-41	-9	-52	0	-27	+40	-36	+51	-36	+22	-41	+26	-52	+35	-18	+31	-24	+39	-28	+14
				315	400	0	-40					-29	+7	-40	+17	-39	-14	-46	-10	-57	0	-29	+47	-40	+57	-39	+26	-46	+30	-57	+40	-18	+36	-27	+44	-31	+18
								400	500	0	-45	-32	+8	-45	+18	-43	-16	-50	-10	-63	0	-32	+53	-45	+63	-43	+29	-50	+35	-63	+45	-20	+41	-30	+48	-34	+20
500	630	0	-50									-44	0	-70	0	-	-	-70	-26	-96	-26	-44	+50	-70	+50	-	-	-70	+24	-96	+24	-31	+37	-54	+34	-	-
				630	800	0	-75					-50	0	-80	0	-	-	-80	-30	-110	-30	-50	+75	-80	+75	-	-	-80	+45	-110	+45	-33	+58	-58	+53	-	-

Housing tolerances and resultant fits (metric)



Housing Nominal bore diameter D		Bearing Outside diameter tolerance $\Delta_{D_{mp}}$		Deviations of housing bore diameter, resultant fits																													
				Tolerance classes		K6		K7		M5		M6		M7																			
				Deviations (housing bore diameter)																													
				Theoretical interference (-)/clearance (+)																													
				Probable interference (-)/clearance (+)																													
over	incl.	high	low	μm																													
mm		μm		μm																													
800	1 000	0	-100	-56	0	-90	0	-	-	-90	-34	-124	-34	-56	+100	-90	+100	-	-	-90	+66	-124	+66	-36	+80	-63	+73	-	-	-70	+46	-97	+39
				-66	0	-105	0	-	-	-106	-40	-145	-40	-66	+125	-105	+125	-	-	-106	+85	-145	+85	-42	+101	-72	+92	-	-	-82	+61	-112	+52
				-78	0	-125	0	-	-	-126	-48	-173	-48	-78	+160	-125	+160	-	-	-126	+112	-173	+112	-48	+130	-85	+120	-	-	-96	+82	-133	+72
1 000	1 250	0	-125	-92	0	-150	0	-	-	-158	-58	-208	-58	-92	+200	-150	+200	-	-	-150	+142	-208	+142	-57	+165	-100	+150	-	-	-115	+107	-158	+92
				-92	0	-150	0	-	-	-158	-58	-208	-58	-92	+200	-150	+200	-	-	-150	+142	-208	+142	-57	+165	-100	+150	-	-	-115	+107	-158	+92
				-110	0	-175	0	-	-	-178	-68	-243	-68	-110	+250	-175	+250	-	-	-178	+182	-243	+182	-67	+207	-116	+191	-	-	-135	+139	-184	+123
1 250	1 600	0	-160	-92	0	-150	0	-	-	-158	-58	-208	-58	-92	+200	-150	+200	-	-	-150	+142	-208	+142	-57	+165	-100	+150	-	-	-115	+107	-158	+92
				-92	0	-150	0	-	-	-158	-58	-208	-58	-92	+200	-150	+200	-	-	-150	+142	-208	+142	-57	+165	-100	+150	-	-	-115	+107	-158	+92
				-110	0	-175	0	-	-	-178	-68	-243	-68	-110	+250	-175	+250	-	-	-178	+182	-243	+182	-67	+207	-116	+191	-	-	-135	+139	-184	+123
1 600	2 000	0	-200	-110	0	-175	0	-	-	-178	-68	-243	-68	-110	+250	-175	+250	-	-	-178	+182	-243	+182	-67	+207	-116	+191	-	-	-135	+139	-184	+123
				-110	0	-175	0	-	-	-178	-68	-243	-68	-110	+250	-175	+250	-	-	-178	+182	-243	+182	-67	+207	-116	+191	-	-	-135	+139	-184	+123
				-110	0	-175	0	-	-	-178	-68	-243	-68	-110	+250	-175	+250	-	-	-178	+182	-243	+182	-67	+207	-116	+191	-	-	-135	+139	-184	+123
2 000	2 500	0	-250	-110	0	-175	0	-	-	-178	-68	-243	-68	-110	+250	-175	+250	-	-	-178	+182	-243	+182	-67	+207	-116	+191	-	-	-135	+139	-184	+123
				-110	0	-175	0	-	-	-178	-68	-243	-68	-110	+250	-175	+250	-	-	-178	+182	-243	+182	-67	+207	-116	+191	-	-	-135	+139	-184	+123
				-110	0	-175	0	-	-	-178	-68	-243	-68	-110	+250	-175	+250	-	-	-178	+182	-243	+182	-67	+207	-116	+191	-	-	-135	+139	-184	+123

Housing tolerances and resultant fits (metric)



Housing Nominal bore diameter D		Bearing Outside diameter Δ_{Dmp}		Deviations of housing bore diameter, resultant fits							
				Tolerance classes							
				N6		N7		P6		P7	
				Deviations (housing bore diameter)							
				Theoretical interference (-)/clearance (+)							
				Probable interference (-)/clearance (+)							
over	incl.	high	low	μm							
mm		μm		μm							
6	10	0	-8	-16	-7	-19	-4	-21	-12	-24	-9
				-16	+1	-19	+4	-21	-4	-24	-1
				-14	-1	-16	+1	-19	-6	-21	-4
10	18	0	-8	-20	-9	-23	-5	-26	-15	-29	-11
				-20	-1	-23	+3	-26	-7	-29	-3
				-18	-3	-20	0	-24	-9	-26	-6
18	30	0	-9	-24	-11	-28	-7	-31	-18	-35	-14
				-24	-2	-28	+2	-31	-9	-35	-5
				-21	-5	-25	-1	-28	-12	-32	-8
30	50	0	-11	-28	-12	-33	-8	-37	-21	-42	-17
				-28	-1	-33	+3	-37	-10	-42	-6
				-25	-4	-29	-1	-34	-13	-38	-10
50	80	0	-13	-33	-14	-39	-9	-45	-26	-51	-21
				-33	-1	-39	+4	-45	-13	-51	-8
				-29	-5	-34	-1	-41	-17	-46	-13
80	120	0	-15	-38	-16	-45	-10	-52	-30	-59	-24
				-38	-1	-45	+5	-52	-15	-59	-9
				-33	-6	-40	0	-47	-20	-54	-14
120	150	0	-18	-45	-20	-52	-12	-61	-36	-68	-28
				-45	-2	-52	+6	-61	-18	-68	-10
				-39	-8	-45	-1	-55	-24	-61	-17
150	180	0	-25	-45	-20	-52	-12	-61	-36	-68	-28
				-45	+5	-52	+13	-61	-11	-68	-3
				-38	-2	-44	+5	-54	-18	-60	-11
180	250	0	-30	-51	-22	-60	-14	-70	-41	-79	-33
				-51	+8	-60	+16	-70	-11	-79	-3
				-43	0	-50	+6	-62	-19	-69	-13
250	315	0	-35	-57	-25	-66	-14	-79	-47	-88	-36
				-57	+10	-66	+21	-79	-12	-88	-1
				-48	+1	-54	+9	-70	-21	-76	-13
315	400	0	-40	-62	-26	-73	-16	-87	-51	-98	-41
				-62	+14	-73	+24	-87	-11	-98	-1
				-51	+3	-60	+11	-76	-22	-85	-14
400	500	0	-45	-67	-27	-80	-17	-95	-55	-108	-45
				-67	+18	-80	+28	-95	-10	-108	0
				-55	+6	-65	+13	-83	-22	-93	-15
500	630	0	-50	-88	-44	-114	-44	-122	-78	-148	-78
				-88	+6	-114	+6	-122	-28	-148	-28
				-75	-7	-98	-10	-109	-41	-132	-44
630	800	0	-75	-100	-50	-130	-50	-138	-88	-168	-88
				-100	+25	-130	+25	-138	-13	-168	-13
				-83	+8	-108	+3	-121	-30	-146	-35

Housing tolerances and resultant fits (metric)

Housing Nominal bore diameter D		Bearing Outside diameter tolerance Δ_{Dmp}		Deviations of housing bore diameter, resultant fits Tolerance classes							
				N6		N7		P6		P7	
				Deviations (housing bore diameter)							
				Theoretical interference (-)/clearance (+)							
				Probable interference (-)/clearance (+)							
over	incl.	high	low	mm							
				μm							
800	1 000	0	-100	-112	-56	-146	-56	-156	-100	-190	-100
				-112	+44	-146	+44	-156	0	-190	0
				-92	+24	-119	+17	-136	-20	-163	-27
1 000	1 250	0	-125	-132	-66	-171	-66	-186	-120	-225	-120
				-132	+59	-171	+59	-186	+5	-225	+5
				-108	+35	-138	+26	-162	-19	-192	-28
1 250	1 600	0	-160	-156	-78	-203	-78	-218	-140	-265	-140
				-156	+82	-203	+82	-218	+20	-265	+20
				-126	+52	-163	+42	-188	-10	-225	-20
1 600	2 000	0	-200	-184	-92	-242	-92	-262	-170	-320	-170
				-184	+108	-242	+108	-262	+30	-320	+30
				-149	+73	-192	+58	-227	-5	-270	-20
2 000	2 500	0	-250	-220	-110	-285	-110	-305	-195	-370	-195
				-220	+140	-285	+140	-305	+55	-370	+55
				-177	+97	-226	+81	-262	+12	-311	-4