

**Table XXII Radial Clearance for Spherical Roller Bearings, Tapered Bore**

BEARING BORE		RADIAL CLEARANCE (INTERNAL)									
B		C2		NORMAL		C3		C4		C5	
OVER	INCL.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.
mm/in.	mm/in.	mm/in.	mm/in.	mm/in.	mm/in.	mm/in.	mm/in.	mm/in.	mm/in.	mm/in.	mm/in.
100	120	.065	.100	.100	.135	.135	.170	.170	.220	.220	.280
3.9370	4.7244	.0026	.0039	.0039	.0053	.0053	.0067	.0067	.0087	.0087	.0110
120	140	.080	.120	.120	.160	.160	.200	.200	.260	.260	.330
4.7244	5.5118	.0031	.0047	.0047	.0063	.0063	.0079	.0079	.0102	.0102	.0130
140	160	.090	.130	.130	.180	.180	.230	.230	.300	.300	.380
5.5118	6.2992	.0035	.0051	.0051	.0071	.0071	.0091	.0091	.0118	.0118	.0150
160	180	.100	.140	.140	.200	.200	.260	.260	.340	.340	.430
6.2992	7.0866	.0039	.0055	.0055	.0079	.0079	.0102	.0102	.0134	.0134	.0169
180	200	.110	.160	.160	.220	.220	.290	.290	.370	.370	.470
7.0866	7.8740	.0043	.0063	.0063	.0087	.0087	.0114	.0114	.0146	.0146	.0185
200	225	.120	.180	.180	.250	.250	.320	.320	.410	.410	.520
7.8740	8.8583	.0047	.0071	.0071	.0098	.0098	.0126	.0126	.0161	.0161	.0205
225	250	.140	.200	.200	.270	.270	.350	.350	.450	.450	.570
8.8583	9.8425	.0055	.0079	.0079	.0106	.0106	.0138	.0138	.0177	.0177	.0224
250	280	.150	.220	.220	.300	.300	.390	.390	.490	.490	.620
9.8425	11.0236	.0059	.0087	.0087	.0118	.0118	.0154	.0154	.0193	.0193	.0244
280	315	.170	.240	.240	.330	.330	.430	.430	.540	.540	.680
11.0236	12.4016	.0067	.0094	.0094	.0130	.0130	.0169	.0169	.0213	.0213	.0268
315	355	.190	.270	.270	.360	.360	.470	.470	.590	.590	.740
12.4016	13.9764	.0075	.0106	.0106	.0142	.0142	.0185	.0185	.0232	.0232	.0291
355	400	.210	.300	.300	.400	.400	.520	.520	.650	.650	.820
13.9764	15.7480	.0083	.0118	.0118	.0157	.0157	.0205	.0205	.0256	.0256	.0323
400	450	.230	.330	.330	.440	.440	.570	.570	.720	.720	.910
15.7480	17.7165	.0091	.0130	.0130	.0173	.0173	.0224	.0224	.0283	.0283	.0358
450	500	.260	.370	.370	.490	.490	.630	.630	.790	.790	1.000
17.7165	19.6850	.0102	.0146	.0146	.0193	.0193	.0248	.0248	.0311	.0311	.0394
500	560	.290	.410	.410	.540	.540	.680	.680	.870	.870	1.100
19.6850	22.0472	.0114	.0161	.0161	.0213	.0213	.0268	.0268	.0343	.0343	.0433
560	630	.320	.460	.460	.600	.600	.760	.760	.980	.980	1.230
22.0472	24.8031	.0126	.0181	.0181	.0236	.0236	.0299	.0299	.0386	.0386	.0484
630	710	.350	.510	.510	.670	.670	.850	.850	1.090	1.090	1.360
24.8031	27.9528	.0138	.0201	.0201	.0264	.0264	.0335	.0335	.0429	.0429	.0535
710	800	.390	.570	.570	.750	.750	.960	.960	1.220	1.220	1.500
27.9528	31.4961	.0154	.0224	.0224	.0295	.0295	.0378	.0378	.0480	.0480	.0591
800	900	.440	.640	.640	.840	.840	1.070	1.070	1.370	1.370	1.690
31.4961	35.4331	.0173	.0252	.0252	.0331	.0331	.0421	.0421	.0539	.0539	.0665
900	1000	.490	.710	.710	.930	.930	1.190	1.190	1.520	1.520	1.860
35.4331	39.3701	.0193	.0280	.0280	.0366	.0366	.0469	.0469	.0598	.0598	.0732
1000	1120	.530	.770	.770	1.030	1.030	1.300	1.300	1.670	1.670	2.050
39.3701	44.0945	.0209	.0303	.0303	.0406	.0406	.0512	.0512	.0657	.0657	.0807
1120	1250	.570	.830	.830	1.120	1.120	1.420	1.420	1.830	1.830	2.250
44.0945	49.2126	.0224	.0327	.0327	.0441	.0441	.0559	.0559	.0720	.0720	.0886
1250	1400	.620	.910	.910	1.230	1.230	1.560	1.560	2.000	2.000	2.450
49.2126	55.1181	.0244	.0358	.0358	.0484	.0484	.0614	.0614	.0787	.0787	.0965
1400	1600	.680	1.000	1.000	1.350	1.350	1.720	1.720	2.200	2.200	2.700
55.1181	62.9921	.0268	.0394	.0394	.0531	.0531	.0677	.0677	.0866	.0866	.1063