

Table XVIII Radial Clearance for ISO Cylindrical 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.
65	80	.035	.070	.060	.095	.085	.120	.110	.145	.145	.180
2.5591	3.1496	.0014	.0028	.0024	.0037	.0033	.0047	.0043	.0057	.0057	.0071
80	100	.040	.075	.070	.106	.095	.130	.120	.155	.175	.210
3.1496	3.9370	.0016	.0030	.0028	.0041	.0037	.0051	.0047	.0061	.0069	.0083
100	120	.050	.090	.090	.130	.115	.155	.140	.180	.200	.240
3.9370	4.7244	.0020	.0035	.0035	.0051	.0045	.0061	.0055	.0071	.0079	.0094
120	140	.055	.100	.100	.145	.130	.175	.160	.205	.225	.270
4.7244	5.5118	.0022	.0039	.0039	.0057	.0051	.0069	.0063	.0081	.0089	.0106
140	160	.060	.110	.110	.160	.145	.195	.180	.230	.255	.305
5.5118	6.2992	.0024	.0043	.0043	.0063	.0057	.0077	.0071	.0091	.0100	.0120
160	180	.075	.125	.125	.175	.160	.210	.195	.245	.280	.330
6.2992	7.0866	.0030	.0049	.0049	.0069	.0063	.0083	.0077	.0096	.0110	.0130
180	200	.085	.140	.140	.195	.180	.235	.220	.275	.305	.360
7.0866	7.8740	.0033	.0055	.0055	.0077	.0071	.0093	.0087	.0108	.0120	.0142
200	225	.095	.155	.155	.215	.200	.260	.245	.305	.340	.400
7.8740	8.8583	.0037	.0061	.0061	.0085	.0079	.0102	.0096	.0120	.0134	.0157
225	250	.105	.170	.170	.235	.220	.285	.270	.335	.375	.440
8.8583	9.8425	.0041	.0067	.0067	.0093	.0087	.0112	.0105	.0132	.0148	.0173
250	280	.115	.185	.185	.255	.240	.310	.295	.365	.415	.465
9.8425	11.0236	.0045	.0073	.0073	.0100	.0094	.0122	.0116	.0144	.0163	.0183
280	315	.130	.205	.205	.280	.265	.340	.325	.400	.455	.540
11.0236	12.4016	.0051	.0081	.0081	.0110	.0104	.0134	.0128	.0157	.0183	.0213
315	355	.145	.225	.225	.305	.290	.370	.355	.435	.515	.595
12.4016	13.9764	.0057	.0089	.0089	.0120	.0114	.0146	.0140	.0171	.0203	.0234
355	400	.165	.255	.255	.345	.330	.420	.405	.495	.580	.670
13.9764	15.7480	.0065	.0100	.0100	.0136	.0130	.0165	.0159	.0195	.0228	.0264
400	450	.185	.285	.285	.385	.370	.470	.455	.555	.650	.750
15.7480	17.7165	.0073	.0112	.0112	.0152	.0146	.0185	.0179	.0219	.0256	.0295
450	500	.205	.315	.315	.425	.410	.520	.505	.615	.720	.830
17.7165	19.6850	.0081	.0124	.0124	.0167	.0161	.0205	.0199	.0242	.0283	.0327
500	560	.230	.350	.350	.470	.455	.575	.560	.680	.800	.920
19.6850	22.0472	.0091	.0138	.0138	.0185	.0179	.0226	.0220	.0268	.0315	.0362
560	630	.260	.380	.380	.500	.500	.620	.620	.740	.900	1.020
22.0472	24.8031	.0102	.0150	.0150	.0197	.0197	.0244	.0244	.0291	.0354	.0402
630	710	.295	.435	.435	.575	.565	.705	.695	.835	1.005	1.145
24.8031	27.9528	.0116	.0171	.0171	.0226	.0222	.0278	.0274	.0329	.0396	.0451
710	800	.325	.485	.485	.645	.630	.790	.775	.935	1.125	1.285
27.9528	31.4961	.0128	.0191	.0191	.0254	.0248	.0311	.0305	.0368	.0443	.0506