

Table XV Radial Clearance for ISO (Metric) Deep Groove Ball Bearings

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.
200	225	.004	.032	.028	.082	.073	.132	.120	.187	0.175	0.255
7.8740	8.8583	.0002	.0013	.0011	.0032	.0029	.0052	.0047	.0074	.0069	.0100
225	250	.004	.036	.031	.092	.087	.152	.140	.217	.205	.290
8.8583	9.8425	.0002	.0014	.0012	.0036	.0034	.0060	.0055	.0085	.0081	.0114
250	280	.004	.039	.036	.097	.097	.162	.152	.237	.255	.320
9.8425	11.0236	.0002	.0015	.0014	.0038	.0038	.0064	.0060	.0093	.0100	.0126
280	315	.008	.045	.042	.110	.110	.180	.175	.260	.260	.360
11.0236	12.4016	.0003	.0018	.0017	.0043	.0043	.0071	.0069	.0102	.0102	.0142
315	355	.008	.050	.050	.120	.120	.200	.200	.290	.290	.405
12.4016	13.9764	.0003	.0020	.0020	.0047	.0047	.0079	.0079	.0114	.0114	.0159
355	400	.008	.060	.060	.140	.140	.230	.230	.330	.330	.460
13.9764	15.7480	.0003	.0024	.0024	.0055	.0055	.0091	.0091	.0130	.0130	.0181
400	450	.010	.070	.070	.160	.160	.260	.260	.370	.370	.520
15.7480	17.7165	.0004	.0028	.0028	.0063	.0063	.0102	.0102	.0146	.0146	.0205
450	500	.010	.080	.080	.180	.180	.290	.290	.410	.410	.570
17.7165	19.6850	.0004	.0031	.0031	.0071	.0071	.0114	.0114	.0161	.0161	.0224
500	560	.020	.090	.090	.200	.200	.320	.320	.460	.460	.630
19.6850	22.0472	.0008	.0035	.0035	.0079	.0079	.0126	.0126	.0181	.0181	.0248
560	630	.020	.100	.100	.220	.220	.350	.350	.510	.510	.700
22.0472	24.8031	.0008	.0039	.0039	.0087	.0087	.0138	.0138	.0201	.0201	.0276
630	710	.030	.120	.120	.250	.250	.390	.390	.560	.560	.780
24.8031	27.9528	.0012	.0047	.0047	.0098	.0098	.0154	.0154	.0220	.0220	.0307
710	800	.030	.130	.130	.280	.280	.440	.440	.620	.620	.860
27.9528	31.4961	.0012	.0051	.0051	.0110	.0110	.0173	.0173	.0244	.0244	.0339
800	900	.030	.150	.150	.310	.310	.490	.490	.690	.690	.960
31.4961	35.4331	.0012	.0059	.0059	.0122	.0122	.0193	.0193	.0272	.0272	.0378
900	1000	.040	.160	.160	.340	.340	.540	.540	.760	.760	1.040
35.4331	39.3701	.0016	.0063	.0063	.0134	.0134	.0213	.0213	.0299	.0299	.0409