

Table XIX Radial Clearance for Domestic Cylindrical Roller Bearings

BEARING BORE		RADIAL CLEARANCE (INTERNAL)									
B		R4		R5		NORMAL (R6)		R7		R8	
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.
70	80	.020	.056	.048	.084	.076	.112	.104	.140	.132	.168
2.7559	3.1496	.0008	.0022	.0019	.0033	.0030	.0044	.0041	.0055	.0052	.0066
80	90	.020	.061	.051	.091	.081	.122	.112	.152	.142	.183
3.1496	3.5433	.0008	.0024	.0020	.0036	.0032	.0048	.0044	.0060	.0056	.0072
90	95	.025	.066	.056	.097	.086	.127	.117	.157	.147	.188
3.5433	3.7402	.0010	.0026	.0022	.0038	.0034	.0050	.0046	.0062	.0058	.0074
95	100	.025	.069	.056	.102	.089	.130	.119	.160	.150	.191
3.7402	3.9370	.0010	.0027	.0022	.0040	.0035	.0051	.0047	.0063	.0059	.0075
100	105	.025	.071	.058	.104	.094	.140	.130	.175	.165	.211
3.9370	4.1339	.0010	.0028	.0023	.0041	.0037	.0055	.0051	.0069	.0065	.0083
105	110	.028	.074	.061	.107	.097	.142	.132	.178	.168	.213
4.1339	4.3307	.0011	.0029	.0024	.0042	.0038	.0056	.0052	.0070	.0066	.0084
110	120	.033	.079	.069	.114	.104	.150	.140	.185	.175	.221
4.3307	4.7244	.0013	.0031	.0027	.0045	.0041	.0059	.0055	.0073	.0069	.0087
120	130	.033	.084	.071	.122	.112	.163	.150	.201	.188	.239
4.7244	5.1181	.0013	.0033	.0028	.0048	.0044	.0064	.0059	.0079	.0074	.0094
130	140	.046	.097	.084	.135	.122	.173	.160	.211	.198	.249
5.1181	5.5118	.0018	.0038	.0033	.0053	.0048	.0068	.0063	.0083	.0078	.0098
140	150	.046	.099	.086	.142	.130	.185	.173	.229	.216	.272
5.5118	5.9055	.0018	.0039	.0034	.0056	.0051	.0073	.0068	.0090	.0085	.0107
150	160	.048	.104	.091	.147	.137	.193	.180	.236	.224	.279
5.9055	6.2992	.0019	.0041	.0036	.0058	.0054	.0076	.0071	.0093	.0088	.0110
160	170	.053	.109	.099	.155	.145	.201	.188	.244	.231	.287
6.2992	6.6929	.0021	.0043	.0039	.0061	.0057	.0079	.0074	.0096	.0091	.0113
170	180	.061	.122	.107	.168	.152	.213	.198	.259	.244	.305
6.6929	7.0866	.0024	.0048	.0042	.0066	.0060	.0084	.0078	.0102	.0096	.0120
180	190	.069	.130	.114	.175	.160	.221	.206	.267	.251	.312
7.0866	7.4803	.0027	.0051	.0045	.0069	.0063	.0087	.0081	.0105	.0099	.0123
190	200	.079	.140	.124	.185	.170	.236	.221	.282	.267	.328
7.4803	7.8740	.0031	.0055	.0049	.0073	.0067	.0093	.0087	.0111	.0105	.0129
200	210	.076	.142	.127	.193	.178	.244	.229	.295	.279	.345
7.8740	8.2677	.0030	.0056	.0050	.0076	.0070	.0096	.0090	.0116	.0110	.0136
210	220	.081	.147	.132	.198	.183	.249	.234	.300	.284	.351
8.2677	8.6614	.0032	.0058	.0052	.0078	.0072	.0098	.0092	.0118	.0112	.0138
220	230	.089	.155	.140	.206	.191	.257	.241	.307	.292	.358
8.6614	9.0551	.0035	.0061	.0055	.0081	.0075	.0101	.0095	.0121	.0115	.0141
230	240	.091	.163	.145	.216	.198	.269	.251	.323	.305	.376
9.0551	9.4488	.0036	.0064	.0057	.0085	.0078	.0106	.0099	.0127	.0120	.0148
240	250	.099	.170	.152	.224	.206	.277	.259	.330	.312	.384
9.4488	9.8425	.0039	.0067	.0060	.0088	.0081	.0109	.0102	.0130	.0123	.0151
250	260	.109	.180	.163	.234	.216	.287	.269	.340	.323	.394
9.8425	10.2362	.0043	.0071	.0064	.0092	.0085	.0113	.0106	.0134	.0127	.0155
260	280	.112	.188	.170	.246	.229	.305	.287	.363	.345	.422
10.2362	11.0236	.0044	.0074	.0067	.0097	.0090	.0120	.0113	.0143	.0136	.0166
280	300	.130	.206	.188	.264	.246	.323	.305	.381	.363	.439
11.0236	11.8110	.0051	.0081	.0074	.0104	.0097	.0127	.0120	.0150	.0143	.0173
300	320	.150	.226	.208	.284	.267	.343	.325	.401	.384	.460
11.8110	12.5984	.0059	.0089	.0082	.0112	.0105	.0135	.0128	.0158	.0151	.0181