

Example $\varnothing$ 50H9/d9Hole Size $\varnothing$ 50.062
50.000Shaft Size $\varnothing$ 49.920
49.858Clearance Max. 0.204
Min. 0.080Example $\varnothing$ 70H7/g6Hole Size $\varnothing$ 70.030
70.000Shaft Size $\varnothing$ 69.990
69.971Clearance Max. 0.059
Min. 0.010

PREFERRED HOLE BASIS CLEARANCE FITS															
UP TO AND INCLUDING	LOOSE RUNNING			FREE RUNNING			CLOSE RUNNING			SLIDING			LOCATIONAL CLEARANCE		
	Hole H11	Shaft c11	Fit	Hole H9	Shaft d9	Fit	Hole H8	Shaft f7	Fit	Hole H7	Shaft g6	Fit	Hole H7	Shaft h6	Fit
1 MAX	1.060	0.940	0.180	1.025	0.980	0.070	1.014	0.994	0.030	1.010	0.998	0.018	1.010	1.000	0.016
	1.000	0.880	0.060	1.000	0.955	0.020	1.000	0.984	0.006	1.000	0.992	0.002	1.000	0.994	0.000
1.2 MAX	1.260	1.140	0.180	1.225	1.180	0.070	1.214	1.194	0.030	1.210	1.198	0.018	1.210	1.200	0.016
	1.200	1.080	0.060	1.200	1.155	0.020	1.200	1.184	0.006	1.200	1.192	0.002	1.200	1.194	0.000
1.6 MAX	1.660	1.540	0.180	1.625	1.580	0.070	1.614	1.594	0.030	1.610	1.598	0.018	1.610	1.600	0.016
	1.600	1.480	0.060	1.600	1.555	0.020	1.600	1.584	0.006	1.600	1.592	0.002	1.600	1.594	0.000
2 MAX	2.060	1.940	0.180	2.025	1.980	0.070	2.014	1.994	0.030	2.010	1.998	0.018	2.010	2.000	0.016
	2.000	1.880	0.060	2.000	1.955	0.020	2.000	1.984	0.006	2.000	1.992	0.002	2.000	1.994	0.000
2.5 MAX	2.560	2.440	0.180	2.525	2.480	0.070	2.514	2.494	0.030	2.510	2.498	0.018	2.510	2.500	0.016
	2.500	2.380	0.060	2.500	2.455	0.020	2.500	2.484	0.006	2.500	2.492	0.002	2.500	2.494	0.000
3 MAX	3.060	2.940	0.180	3.025	2.980	0.070	3.014	2.994	0.030	3.010	2.998	0.018	3.010	3.000	0.016
	3.000	2.880	0.060	3.000	2.955	0.020	3.000	2.984	0.006	3.000	2.992	0.002	3.000	2.994	0.000
4 MAX	4.075	3.930	0.220	4.030	3.970	0.090	4.018	3.990	0.040	4.012	3.996	0.024	4.012	4.000	0.020
	4.000	3.855	0.070	4.000	3.940	0.030	4.000	3.978	0.010	4.000	3.988	0.004	4.000	3.992	0.000
5 MAX	5.075	4.930	0.220	5.030	4.970	0.090	5.018	4.990	0.040	5.012	4.996	0.024	5.012	5.000	0.020
	5.000	4.855	0.070	5.000	4.940	0.030	5.000	4.978	0.010	5.000	4.988	0.004	5.000	4.992	0.000
6 MAX	6.075	5.930	0.220	6.030	5.970	0.090	6.018	5.990	0.040	6.012	5.996	0.024	6.012	6.000	0.020
	6.000	5.855	0.070	6.000	5.940	0.030	6.000	5.978	0.010	6.000	5.988	0.004	6.000	5.992	0.000
8 MAX	8.090	7.920	0.260	8.036	7.960	0.112	8.022	7.987	0.050	8.015	7.995	0.029	8.015	8.000	0.024
	8.000	7.830	0.080	8.000	7.924	0.040	8.000	7.972	0.013	8.000	7.986	0.006	8.000	7.991	0.000
10 MAX	10.090	9.920	0.260	10.036	9.960	0.112	10.022	9.987	0.050	10.015	9.995	0.029	10.015	10.000	0.024
	10.000	9.830	0.080	10.000	9.924	0.040	10.000	9.972	0.013	10.000	9.986	0.005	10.000	9.991	0.000
12 MAX	12.110	11.905	0.315	12.043	11.950	0.136	12.027	11.984	0.061	12.018	11.994	0.035	12.018	12.000	0.029
	12.000	11.795	0.095	12.000	11.907	0.050	12.000	11.966	0.016	12.000	11.983	0.006	12.000	11.989	0.000
16 MAX	16.110	15.905	0.315	16.043	15.950	0.136	16.027	15.984	0.061	16.018	15.994	0.035	16.018	16.000	0.029
	16.000	15.795	0.095	16.000	15.907	0.050	16.000	15.966	0.016	16.000	15.983	0.006	16.000	15.989	0.000
20 MAX	20.130	19.890	0.370	20.052	19.935	0.169	20.033	19.980	0.074	20.021	19.993	0.041	20.021	20.000	0.034
	20.000	19.760	0.110	20.000	19.883	0.065	20.000	19.959	0.020	20.000	19.980	0.007	20.000	19.987	0.000
25 MAX	25.130	24.890	0.370	25.052	24.935	0.169	25.033	24.980	0.074	25.021	24.993	0.042	25.021	25.000	0.034
	25.000	24.760	0.110	25.000	24.883	0.065	25.000	24.959	0.020	25.000	24.980	0.007	25.000	24.987	0.000
30 MAX	30.130	29.890	0.370	30.052	29.935	0.169	30.033	29.980	0.074	30.021	29.993	0.041	30.021	30.000	0.034
	30.000	29.760	0.110	30.000	29.883	0.065	30.000	29.959	0.020	30.000	29.980	0.007	30.000	29.987	0.000
40 MAX	40.160	39.880	0.440	40.062	39.920	0.204	40.039	39.975	0.089	40.025	39.991	0.050	40.025	40.000	0.041
	40.000	39.720	0.120	40.000	39.858	0.080	40.000	39.950	0.025	40.000	39.975	0.009	40.000	39.984	0.000
50 MAX	50.160	49.870	0.450	50.062	49.920	0.204	50.039	49.975	0.089	50.025	49.991	0.050	50.025	50.000	0.041
	50.000	49.710	0.130	50.000	49.858	0.080	50.000	49.950	0.025	50.000	49.975	0.009	50.000	49.984	0.000
60 MAX	60.190	59.860	0.520	60.074	59.900	0.248	60.046	59.970	0.106	60.030	59.990	0.059	60.030	60.000	0.049
	60.000	59.670	0.140	60.000	59.826	0.100	60.000	59.940	0.030	60.000	59.971	0.010	60.000	59.981	0.000
80 MAX	80.190	79.850	0.530	80.074	79.900	0.248	80.046	79.970	0.106	80.030	79.990	0.059	80.030	80.000	0.049
	80.000	79.660	0.150	80.000	79.826	0.100	80.000	79.940	0.030	80.000	79.971	0.010	80.000	79.981	0.000
100 MAX	100.220	99.830	0.610	100.087	99.880	0.294	100.054	99.964	0.125	100.035	99.988	0.069	100.035	100.000	0.057
	100.000	99.610	0.170	100.000	99.793	0.120	100.000	99.929	0.036	100.000	99.966	0.012	100.000	99.978	0.000
120 MAX	120.220	119.820	0.620	120.087	119.880	0.294	120.054	119.964	0.125	120.035	119.988	0.069	120.035	120.000	0.057
	120.000	119.600	0.180	120.000	119.793	0.120	120.000	119.929	0.036	120.000	119.966	0.012	120.000	119.978	0.000
160 MAX	160.250	159.790	0.710	160.100	159.855	0.345	160.063	159.957	0.146	160.040	159.986	0.079	160.040	160.000	0.065
	160.000	159.540	0.210	160.000	159.755	0.145	160.000	159.917	0.043	160.000	159.961	0.014	160.000	159.975	0.000

Table 48 Preferred hole basis fits. (Dimensions in millimeters.)

Example Ø 10H7/n6

Hole Size Ø 10.015
10.000Shaft Size Ø 10.019
10.010

Max. Clearance 0.005

Max. Interference 0.019

Example Ø 35H7/u6

Hole Size Ø 35.025
35.000Shaft Size Ø 35.076
35.060

Min. Interference 0.035

Max. Interference 0.076

PREFERRED HOLE BASIS TRANSITION AND INTERFERENCE FITS																
UP TO AND INCLUDING		LOCATIONAL TRANSN.			LOCATIONAL TRANSN.			LOCATIONAL INTERE.			MEDIUM DRIVE			Hole H7	FORCE	
		Hole H7	Shaft k6	Fit	Hole H7	Shaft n6	Fit	Hole H7	Shaft p6	Fit	Hole H7	Shaft s6	Fit		Shaft u6	Fit
1	MAX	1.010	1.006	0.010	1.010	1.010	0.006	1.010	1.012	0.004	1.010	1.020	-0.004	1.010	1.024	-0.008
	MIN	1.000	1.000	-0.006	1.000	1.004	-0.010	1.000	1.006	-0.012	1.000	1.014	-0.020	1.000	1.018	-0.024
1.2	MAX	1.210	1.206	0.010	1.210	1.210	0.006	1.210	1.212	0.004	1.210	1.220	-0.004	1.210	1.224	-0.008
	MIN	1.200	1.200	-0.006	1.200	1.204	-0.010	1.200	1.206	-0.012	1.200	1.214	-0.020	1.200	1.218	-0.024
1.6	MAX	1.610	1.606	0.010	1.610	1.610	0.006	1.610	1.612	0.004	1.610	1.620	-0.004	1.610	1.624	-0.008
	MIN	1.600	1.600	-0.006	1.600	1.604	-0.010	1.600	1.606	-0.012	1.600	1.614	-0.020	1.600	1.618	-0.024
2	MAX	2.010	2.006	0.010	2.010	2.010	0.006	2.010	2.012	0.004	2.010	2.020	-0.004	2.010	2.024	-0.008
	MIN	2.000	2.000	-0.006	2.000	2.004	-0.010	2.000	2.006	-0.012	2.000	2.014	-0.020	2.000	2.018	-0.024
2.5	MAX	2.510	2.506	0.010	2.510	2.510	0.006	2.510	2.512	0.004	2.510	2.520	-0.004	2.510	2.524	-0.008
	MIN	2.500	2.500	-0.006	2.500	2.504	-0.010	2.500	2.506	-0.012	2.500	2.514	-0.020	2.500	2.518	-0.024
3	MAX	3.010	3.006	0.010	3.010	3.010	0.006	3.010	3.012	0.004	3.010	3.020	-0.004	3.010	3.024	-0.008
	MIN	3.000	3.000	-0.006	3.000	3.004	-0.010	3.000	3.006	-0.012	3.000	3.014	-0.020	3.000	3.018	-0.024
4	MAX	4.012	4.009	0.011	4.012	4.016	0.004	4.012	4.020	0.000	4.012	4.027	-0.007	4.012	4.031	-0.011
	MIN	4.000	4.001	-0.009	4.000	4.008	-0.016	4.000	4.012	-0.020	4.000	4.019	-0.027	4.000	4.023	-0.031
5	MAX	5.012	5.009	0.011	5.012	5.016	0.004	5.012	5.020	0.000	5.012	5.027	-0.007	5.012	5.031	-0.011
	MIN	5.000	5.001	-0.009	5.000	5.008	-0.016	5.000	5.012	-0.020	5.000	5.019	-0.027	5.000	5.023	-0.031
6	MAX	6.012	6.009	0.011	6.012	6.016	0.004	6.012	6.020	0.000	6.012	6.027	-0.007	6.012	6.031	-0.011
	MIN	6.000	6.001	-0.009	6.000	6.008	-0.016	6.000	6.012	-0.020	6.000	6.019	-0.027	6.000	6.023	-0.031
8	MAX	8.015	8.010	0.014	8.015	8.019	0.005	8.015	8.024	0.000	8.015	8.032	-0.008	8.015	8.037	-0.013
	MIN	8.000	8.001	-0.010	8.000	8.010	-0.019	8.000	8.015	-0.024	8.000	8.023	-0.032	8.000	8.028	-0.037
10	MAX	10.015	10.010	0.014	10.015	10.019	0.005	10.015	10.024	0.000	10.015	10.032	-0.008	10.015	10.037	-0.013
	MIN	10.000	10.001	-0.010	10.000	10.010	-0.019	10.000	10.015	-0.024	10.000	10.023	-0.032	10.000	10.028	-0.037
12	MAX	12.018	12.012	0.017	12.018	12.023	0.006	12.018	12.029	0.000	12.018	12.039	-0.010	12.018	12.044	-0.015
	MIN	12.000	12.001	-0.012	12.000	12.012	-0.023	12.000	12.018	-0.029	12.000	12.028	-0.039	12.000	12.033	-0.044
16	MAX	16.018	16.012	0.017	16.018	16.023	0.006	16.018	16.029	0.000	16.018	16.039	-0.010	16.018	16.044	-0.015
	MIN	16.000	16.001	-0.012	16.000	16.012	-0.023	16.000	16.018	-0.029	16.000	16.028	-0.039	16.000	16.033	-0.044
20	MAX	20.021	20.015	0.019	20.021	20.028	0.006	20.021	20.035	-0.001	20.021	20.048	-0.014	20.021	20.054	-0.020
	MIN	20.000	20.002	-0.015	20.000	20.015	-0.028	20.000	20.022	-0.035	20.000	20.035	-0.048	20.000	20.041	-0.054
25	MAX	25.021	25.015	0.019	25.021	25.028	0.006	25.021	25.035	-0.001	25.021	25.048	-0.014	25.021	25.061	-0.027
	MIN	25.000	25.002	-0.015	25.000	25.015	-0.028	25.000	25.022	-0.035	25.000	25.035	-0.048	25.000	25.048	-0.061
30	MAX	30.021	30.015	0.019	30.021	30.028	0.006	30.021	30.035	-0.001	30.021	30.048	-0.014	30.021	30.061	-0.027
	MIN	30.000	30.002	-0.015	30.000	30.015	-0.028	30.000	30.022	-0.035	30.000	30.035	-0.048	30.000	30.048	-0.061
40	MAX	40.025	40.018	0.023	40.025	40.033	0.008	40.025	40.042	-0.001	40.025	40.059	-0.018	40.025	40.076	-0.035
	MIN	40.000	40.002	-0.018	40.000	40.017	-0.033	40.000	40.026	-0.042	40.000	40.043	-0.059	40.000	40.060	-0.076
50	MAX	50.025	50.018	0.023	50.025	50.033	0.008	50.025	50.042	-0.001	50.025	50.059	-0.018	50.025	50.086	-0.045
	MIN	50.000	50.002	-0.018	50.000	50.017	-0.033	50.000	50.026	-0.042	50.000	50.043	-0.059	50.000	50.070	-0.086
60	MAX	60.030	60.021	0.028	60.030	60.039	0.010	60.030	60.051	-0.002	60.030	60.072	-0.023	60.030	60.106	-0.057
	MIN	60.000	60.002	-0.021	60.000	60.020	-0.039	60.000	60.032	-0.051	60.000	60.053	-0.072	60.000	60.087	-0.106
80	MAX	80.030	80.021	0.028	80.030	80.039	0.010	80.030	80.051	-0.002	80.030	80.078	-0.029	80.030	80.121	-0.072
	MIN	80.000	80.002	-0.021	80.000	80.020	-0.039	80.000	80.032	-0.051	80.000	80.059	-0.078	80.000	80.102	-0.121
100	MAX	100.035	100.025	0.032	100.035	100.045	0.012	100.035	100.059	-0.002	100.035	100.093	-0.036	100.035	100.146	-0.089
	MIN	100.000	100.003	-0.025	100.000	100.023	-0.045	100.000	100.037	-0.059	100.000	100.071	-0.093	100.000	100.124	-0.146
120	MAX	120.035	120.025	0.032	120.035	120.045	0.012	120.035	120.059	-0.002	120.035	120.101	-0.044	120.035	120.166	-0.109
	MIN	120.000	120.003	-0.025	120.000	120.023	-0.045	120.000	120.037	-0.059	120.000	120.079	-0.101	120.000	120.144	-0.166
160	MAX	160.040	160.028	0.037	160.045	160.052	0.013	160.040	160.068	-0.003	160.040	160.125	-0.060	160.040	160.215	-0.150
	MIN	160.000	160.003	-0.028	160.000	160.027	-0.052	160.000	160.043	-0.068	160.000	160.080	-0.125	160.000	160.190	-0.215

Table 48 Preferred hole basis fits. (Dimensions in millimeters.) (continued)

Example Ø 100C11/h11

Hole Size Ø 100.390
100.170Shaft Size Ø 100.000
99.780Clearance Max. 0.610
Min. 0.170

Example Ø 11H7/h6

Hole Size Ø 11.018
11.000Shaft Size Ø 11.000
10.989Clearance Max. 0.029
Min. 0.000

PREFERRED SHAFT BASIS CLEARANCE FITS															
UP TO AND INCLUDING	LOOSE RUNNING			FREE RUNNING			CLOSE RUNNING			SLIDING			LOCATIONAL CLEARANCE		
	Hole C11	Shaft h11	Fit	Hole D9	Shaft h9	Fit	Hole F8	Shaft h7	Fit	Hole G7	Shaft h6	Fit	Hole H7	Shaft h6	Fit
1 MAX	1.120	1.000	0.180	1.045	1.000	0.070	1.020	1.000	0.030	1.012	1.000	0.018	1.010	1.000	0.016
MIN	1.060	0.940	0.600	1.020	0.975	0.020	1.006	0.990	0.006	1.002	0.994	0.002	1.000	0.994	0.000
1.2 MAX	1.320	1.200	0.180	1.245	1.200	0.070	1.220	1.200	0.030	1.212	1.200	0.018	1.210	1.200	0.016
MIN	1.260	1.140	0.060	1.220	1.175	0.20	1.206	1.190	0.006	1.202	1.194	0.002	1.200	1.194	0.000
1.6 MAX	1.720	1.600	0.180	1.645	1.600	0.070	1.620	1.600	0.030	1.612	1.600	0.018	1.610	1.600	0.016
MIN	1.660	1.540	0.060	1.620	1.575	0.020	1.606	1.590	0.006	1.602	1.594	0.002	1.600	1.594	0.000
2 MAX	2.120	2.000	0.180	2.045	2.000	0.070	2.020	2.000	0.030	2.012	2.000	0.018	2.010	2.000	0.016
MIN	2.060	1.940	0.60	2.020	1.975	0.020	2.006	1.990	0.006	2.002	1.994	0.002	2.000	1.994	0.000
2.5 MAX	2.620	2.500	0.180	2.545	2.500	0.070	2.520	2.500	0.030	2.512	2.500	0.018	2.510	2.500	0.016
MIN	2.560	2.440	0.060	2.520	2.475	0.20	2.506	2.490	.006	2.502	2.494	0.002	2.500	2.494	0.000
3 MAX	3.120	3.000	0.180	3.045	3.000	0.070	3.020	3.000	0.030	3.012	3.000	0.018	3.010	3.000	0.016
MIN	3.060	2.940	0.060	3.020	2.975	0.020	3.006	2.990	0.006	3.002	2.994	0.002	3.000	2.994	0.000
4 MAX	4.145	4.000	0.220	4.060	4.000	0.090	4.028	4.000	0.040	4.016	4.000	0.024	4.012	4.000	0.020
MIN	4.070	3.925	0.070	4.030	3.970	0.030	4.010	3.988	0.010	4.004	3.992	0.004	4.000	3.992	0.000
5 MAX	5.145	5.000	0.220	5.060	5.000	0.090	5.028	5.000	0.040	5.016	5.000	0.024	5.012	5.000	0.020
MIN	5.070	4.925	0.070	5.030	4.970	0.030	5.010	4.988	0.010	5.004	4.992	0.004	5.000	4.992	0.000
6 MAX	6.145	6.000	0.220	6.060	6.000	0.090	6.028	6.000	0.040	6.016	6.000	0.024	6.012	6.000	0.020
MIN	6.070	5.925	0.070	6.030	5.970	0.030	6.010	5.988	0.010	6.004	5.992	0.004	6.000	5.992	0.000
8 MAX	8.170	8.000	0.260	8.076	8.000	0.112	8.035	8.000	0.050	8.020	8.000	0.029	8.015	8.000	0.024
MIN	8.080	7.910	0.080	8.040	7.964	0.040	8.013	7.985	0.013	8.005	7.991	0.005	8.000	7.991	0.000
10 MAX	10.170	10.000	0.260	10.076	10.000	0.112	10.035	10.000	0.050	10.020	10.000	0.029	10.015	10.000	0.024
MIN	10.080	9.910	0.080	10.040	9.964	0.040	10.013	9.985	0.013	10.005	9.991	0.005	10.000	9.991	0.000
12 MAX	12.205	12.000	0.315	12.093	12.000	0.136	12.043	12.000	0.061	12.024	12.000	0.035	12.018	12.000	0.029
MIN	12.095	11.890	0.95	12.050	11.957	0.050	12.016	11.982	0.016	12.006	11.989	0.006	12.000	11.989	0.000
16 MAX	16.205	16.000	0.315	16.093	16.000	0.136	16.043	16.000	0.061	16.024	16.000	0.035	16.018	16.000	0.029
MIN	16.095	15.890	0.095	16.050	15.957	0.050	16.016	15.982	0.016	16.006	15.989	0.006	16.000	15.989	0.000
20 MAX	20.240	20.000	0.370	20.117	20.000	0.169	20.053	20.000	0.074	20.028	20.000	0.041	20.021	20.000	0.034
MIN	20.110	19.870	0.110	20.065	19.948	0.065	20.020	19.979	0.020	20.007	19.987	0.007	20.000	19.987	0.000
25 MAX	25.240	25.000	0.370	25.117	25.000	0.169	25.053	25.000	0.074	25.028	25.000	0.041	25.021	25.000	0.034
MIN	25.110	24.870	0.110	25.065	24.948	0.065	25.020	24.979	0.020	25.007	24.987	0.007	25.000	24.987	0.000
30 MAX	30.240	30.000	0.370	30.117	30.000	0.169	30.053	30.000	0.074	30.028	30.000	0.041	30.021	30.000	0.034
MIN	30.110	29.870	0.110	30.065	29.948	0.065	30.020	29.979	0.020	30.007	29.987	0.007	30.000	29.987	0.000
40 MAX	40.280	40.000	0.440	40.142	40.000	0.204	40.064	40.000	0.089	40.034	40.000	0.050	40.025	40.000	0.041
MIN	40.120	39.840	0.120	50.080	39.938	0.080	40.025	39.975	0.025	40.009	39.984	0.009	40.000	39.984	0.000
50 MAX	50.290	50.000	0.450	50.142	50.000	0.204	50.064	50.000	0.089	50.034	50.000	0.050	50.025	50.000	0.041
MIN	50.130	49.840	0.130	50.080	49.938	0.080	50.025	49.975	0.025	50.009	49.984	0.009	50.000	49.984	0.000
60 MAX	60.330	60.000	0.520	60.174	60.000	0.248	60.076	60.000	0.106	60.040	60.000	0.059	60.030	60.000	0.049
MIN	60.140	59.810	0.140	60.100	59.926	0.100	60.030	59.970	0.030	60.010	59.981	0.010	60.000	59.981	0.000
80 MAX	80.340	80.000	0.530	80.174	80.000	0.248	80.076	80.000	0.106	80.040	80.000	0.059	80.030	80.000	0.049
MIN	80.150	79.810	0.150	80.100	79.926	0.100	80.030	79.970	0.030	80.010	79.981	0.010	80.000	79.981	0.000
100 MAX	100.390	100.000	0.610	100.207	100.000	0.294	100.090	100.000	0.125	100.047	100.000	0.069	100.035	100.000	0.057
MIN	100.170	99.780	0.170	100.120	99.913	0.120	100.036	99.965	0.036	100.012	99.978	0.012	100.000	99.978	0.000
120 MAX	120.400	120.000	0.620	120.207	120.000	0.294	120.090	120.000	0.125	120.047	120.000	0.069	120.035	120.000	0.057
MIN	120.180	119.780	0.180	120.120	119.913	0.120	120.036	119.965	0.036	120.012	119.978	0.012	120.000	119.978	0.000
160 MAX	160.460	160.000	0.710	160.245	160.000	0.345	160.106	160.000	0.146	160.054	160.000	0.079	160.040	160.000	0.065
MIN	160.210	159.750	0.210	160.145	159.900	0.145	160.043	159.960	0.043	160.014	159.975	0.014	160.000	159.975	0.000

Table 49 Preferred shaft basis fits. (Dimensions in millimeters.)

Example Ø 16N7/h6

Hole Size Ø 15.995
15.977Shaft Size Ø 16.000
15.989

Max. Clearance 0.006

Max. Interference 0.023

Example Ø 45U7/h6

Hole Size Ø 44.939
44.914Shaft Size Ø 45.000
44.984

Min. Interference 0.045

Max. Interference 0.086

PREFERRED SHAFT BASIS TRANSITION AND INTERFERENCE FITS																
UPTO AND INCLUDING	LOCATIONAL TRANS.			LOCATIONAL TRANS.			LOCATIONAL INTERF.			MEDIUM DRIVE			FORCE			
	Hole K7	Shaft h6	Fit	Hole N7	Shaft h6	Fit	Hole P7	Shaft h6	Fit	Hole S7	Shaft h6	Fit	Hole U7	Shaft h6	Fit	
1	MAX	1.000	1.000	0.006	0.996	1.000	0.002	0.994	1.000	0.000	0.986	1.000	-0.008	0.982	1.000	-0.012
	MIN	0.990	0.994	-0.010	0.986	0.994	-0.014	0.984	0.994	-0.016	0.976	0.994	-0.024	0.972	0.994	-0.028
1.2	MAX	1.200	1.200	0.006	1.196	1.200	0.002	1.194	1.200	0.000	1.186	1.200	-0.008	1.182	1.200	-0.012
	MIN	1.190	1.194	-0.010	1.186	1.194	-0.014	1.184	1.194	-0.016	1.176	1.194	-0.024	1.172	1.194	-0.028
1.6	MAX	1.600	1.600	0.006	1.596	1.600	0.002	1.594	1.600	0.000	1.586	1.600	-0.008	1.582	1.600	-0.012
	MIN	1.590	1.594	-0.010	1.586	1.594	-0.014	1.584	1.594	-0.016	1.576	1.594	-0.024	1.572	1.594	-0.028
2	MAX	2.000	2.000	0.006	1.996	2.000	0.002	1.994	2.000	0.000	1.986	2.000	-0.008	1.982	2.000	-0.012
	MIN	1.990	1.994	-0.010	1.986	1.994	-0.014	1.984	1.994	-0.016	1.976	1.994	-0.024	1.972	1.994	-0.028
2.5	MAX	2.500	2.500	0.006	2.496	2.500	0.002	2.494	2.500	0.000	2.486	2.500	-0.008	2.482	2.500	-0.012
	MIN	2.490	2.494	-0.010	2.486	2.494	-0.014	2.484	2.494	-0.016	2.476	2.494	-0.024	2.472	2.494	-0.028
3	MAX	3.000	3.000	0.006	2.996	3.000	0.002	2.994	3.000	0.000	2.986	3.000	-0.008	2.982	3.000	-0.012
	MIN	2.990	2.994	-0.010	2.986	2.994	-0.014	2.984	2.994	-0.016	2.976	2.994	-0.024	2.972	2.994	-0.028
4	MAX	4.003	4.000	0.011	3.996	4.000	0.004	3.992	4.000	0.000	3.985	4.000	-0.007	3.981	4.000	-0.011
	MIN	3.991	3.992	-0.009	3.984	3.992	-0.016	3.980	3.992	-0.020	3.973	3.992	-0.027	3.969	3.992	-0.031
5	MAX	5.003	5.000	0.011	4.996	5.000	0.004	4.992	5.000	0.000	4.985	5.000	-0.007	4.981	5.000	-0.011
	MIN	4.991	4.992	-0.009	4.984	4.992	-0.016	4.980	4.992	-0.020	4.973	4.992	-0.027	4.969	4.992	-0.031
6	MAX	6.003	6.000	0.011	5.996	6.000	0.004	5.992	6.000	0.000	5.985	6.000	-0.007	5.981	6.000	-0.011
	MIN	5.991	5.992	-0.009	5.984	5.992	-0.016	5.980	5.992	-0.020	5.973	5.992	-0.027	5.969	5.992	-0.031
8	MAX	8.005	8.000	0.014	7.996	8.000	0.005	7.991	8.000	0.000	7.983	8.000	-0.008	7.978	8.000	-0.013
	MIN	7.990	7.991	-0.010	7.981	7.991	-0.019	7.976	7.991	-0.024	7.968	7.991	-0.032	7.963	7.991	-0.037
10	MAX	10.005	10.000	0.014	9.996	10.000	0.005	9.991	10.000	0.000	9.983	10.000	-0.008	9.978	10.000	-0.013
	MIN	9.990	9.991	-0.010	9.981	9.991	-0.019	9.976	9.991	-0.024	9.968	9.991	-0.032	9.963	9.991	-0.037
12	MAX	12.006	12.000	0.017	11.995	12.000	0.006	11.989	12.000	0.000	11.979	12.000	-0.010	11.974	12.000	-0.015
	MIN	11.988	11.989	-0.012	11.977	11.989	-0.023	11.971	11.989	-0.029	11.961	11.989	-0.039	11.950	11.989	-0.044
16	MAX	16.006	16.000	0.017	15.995	16.000	0.006	15.989	16.000	0.000	15.979	16.000	-0.010	15.974	16.000	-0.015
	MIN	15.988	15.989	-0.012	15.977	15.989	-0.023	15.971	15.989	-0.029	15.961	15.989	-0.039	15.956	15.989	-0.044
20	MAX	20.006	20.000	0.019	19.993	20.000	0.006	19.986	20.000	-0.001	19.973	20.000	-0.014	19.967	20.000	-0.020
	MIN	19.985	19.987	-0.015	19.972	19.987	-0.028	19.965	19.987	-0.035	19.952	19.987	-0.048	19.946	19.987	-0.054
25	MAX	25.006	25.000	0.019	24.993	25.000	0.006	24.986	25.000	-0.001	24.973	25.000	-0.014	24.960	25.000	-0.027
	MIN	24.985	24.987	-0.015	24.972	24.987	-0.028	24.965	24.987	-0.035	24.952	24.987	-0.048	24.939	24.987	-0.061
30	MAX	30.006	30.000	0.019	29.993	30.000	0.006	29.986	30.000	-0.001	29.973	30.000	-0.014	29.960	30.000	-0.027
	MIN	29.985	29.987	-0.015	29.972	29.987	-0.028	29.965	29.987	-0.035	29.952	29.987	-0.048	29.939	29.987	-0.061
40	MAX	40.007	40.000	0.023	39.992	40.000	0.008	39.983	40.000	-0.001	39.966	40.000	-0.018	39.949	40.000	-0.035
	MIN	39.982	39.984	-0.018	39.967	39.984	-0.033	39.958	39.984	-0.042	39.941	39.984	-0.059	39.924	39.984	-0.076
50	MAX	50.007	50.000	0.023	49.992	50.000	0.008	49.983	50.000	-0.001	49.966	50.000	-0.018	49.939	50.000	-0.045
	MIN	49.982	49.984	-0.018	49.967	49.984	-0.033	49.958	49.984	-0.042	49.941	49.984	-0.059	49.914	49.984	-0.086
60	MAX	60.009	60.000	0.028	59.991	60.000	0.010	59.979	60.000	-0.002	59.958	60.000	-0.023	59.924	60.000	-0.057
	MIN	59.979	59.981	-0.021	59.961	59.981	-0.039	59.949	59.981	-0.051	59.928	59.981	-0.072	59.894	59.981	-0.106
80	MAX	80.009	80.000	0.028	79.991	80.000	0.010	79.979	80.000	-0.002	79.952	80.000	-0.029	79.909	80.000	-0.072
	MIN	79.979	79.981	-0.021	79.961	79.981	-0.039	79.949	79.981	-0.051	79.922	79.981	-0.078	79.879	79.981	-0.121
100	MAX	100.010	100.000	0.032	99.990	100.000	0.012	99.976	100.000	-0.002	99.942	100.000	-0.036	99.889	100.000	-0.089
	MIN	99.975	99.978	-0.025	99.955	99.978	-0.045	99.941	99.978	-0.059	99.907	99.978	-0.093	99.854	99.978	-0.146
120	MAX	120.010	120.000	0.032	119.990	120.000	0.012	119.976	120.000	-0.002	119.934	120.000	-0.044	119.869	120.000	-0.109
	MIN	119.975	119.978	-0.025	119.955	119.978	-0.045	119.941	119.978	-0.059	119.899	119.978	-0.101	119.834	119.978	-0.166
160	MAX	160.012	160.000	0.037	159.988	160.000	0.013	159.972	160.000	-0.003	159.915	160.000	-0.060	159.825	160.000	-0.150
	MIN	159.972	159.975	-0.028	159.948	159.975	-0.052	159.932	159.975	-0.068	159.875	159.975	-0.125	159.785	159.975	-0.215

Table 49 Preferred shaft basis fits. (Dimensions in millimeters.) (continued)

Inside Dia		Outside Dia		Width		Inside Dia		Outside Dia		Width	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
.375	10	.753	19	.25	6	1.062	26	1.503	38	.38	10
.375	10	.840	21	.31	8		26	1.628	42	.44	12
.438	11	1.003	26	.31	8		26	1.756	44	.44	12
.438	11	1.128	28	.31	8	1.125	28	1.628	42	.44	12
.500	12	1.003	26	.31	8		28	1.756	44	.44	12
.500	12	1.128	28	.31	8		28	1.987	50	.50	12
.500	12	1.254	32	.38	10	1.188	30	1.832	46	.44	12
.562	14	1.003	26	.31	8		30	1.987	50	.50	12
.562	14	1.128	28	.31	8		30	2.254	58	.50	12
.625	16	1.250	32	.38	10	1.25	32	1.756	44	.44	12
.625	16	1.128	28	.31	8		32	1.878	48	.44	12
.625	16	1.250	32	.38	10		32	2.066	52	.50	12
.688	18	1.379	35	.38	10	1.312	34	2.060	52	.44	12
.688	18	1.128	28	.31	8		34	2.254	58	.50	12
.688	18	1.254	32	.38	10		34	2.378	60	.50	12
.750	20	1.379	35	.38	10	1.375	35	2.066	52	.44	12
.750	20	1.254	32	.38	10		35	2.254	58	.50	12
.750	20	1.379	35		10		35	2.441	62	.50	12
.750	20	1.503	38	.38	10	1.438	36	2.254	58	.50	12
.8125	21	1.756	44	.44	12		36	2.506	64	.50	12
.8125	21	1.254	32	.38	10		36	2.627	66	.50	12
.8125	21	1.379	35	.38	10	1.500	38	2.254	58	.38	10
.8125	21	1.503	38	.38	10		38	2.410	62	.50	12
.875	22	1.756	44	.44	12		38	2.720	70	.50	12
.875	22	1.379	35	.38	10	1.562	40	2.441	62	.50	12
.875	22	1.503	38	.38	10		40	2.690	68	.50	12
.875	22	1.628	42	.44	12		40	2.879	74	.50	12
.938	24	1.756	44	.44	12	1.625	42	2.441	62	.38	10
.938	24	1.503	38	.38	10		42	2.879	74	.38	10
.938	24	1.628	42	.38	10		42	2.627	66	.50	12
1.000	25	1.756	44	.44	12		42	2.879	74	.50	12
1.000	25	1.503	38	.38	10		42	3.066	78	.50	12
1.000	25	1.756	44	.44	12	1.75	44	2.254	58	.50	12
1.000	25	1.878	48	.44	12		44	2.441	62	.50	12
1.000	25	2.004	50	.44	12		44	2.506	64	.50	12

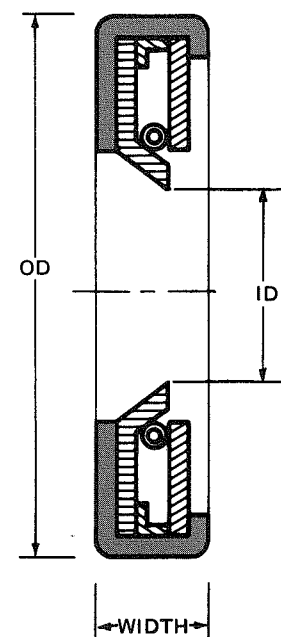


Table 63 Oil seals.

Shaft Dia		Outside Dia		Width		Size of Set Screw	
in.	mm	in.	mm	in.	mm	in.	mm
.375	10	.75	20	.40	10	.250	M6
.500	12	1.00	25	.44	10	.250	M6
.625	16	1.10	28	.50	12	.3125	M8
.750	20	1.20	30	.56	14	.3125	M8
.875	22	1.50	40	.56	14	.3125	M8
1.000	24	1.60	40	.60	16	.3125	M8

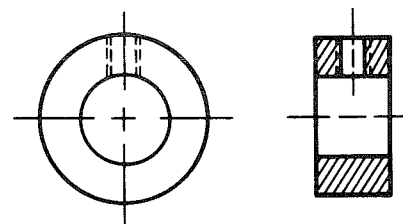


Table 64 Setscrew collars.

FIGURES SHOW SPRINGS
WOULD LEFT-HAND

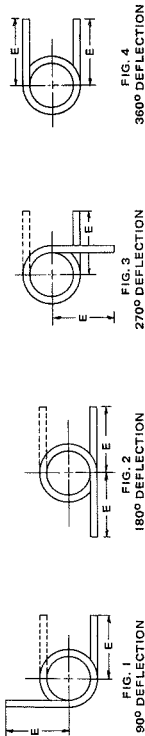
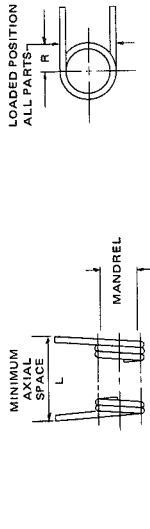


FIG. 4
360° DEFLECTION

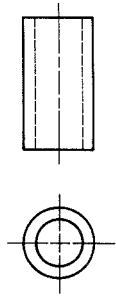
FIG. 3
270° DEFLECTION

FIG. 2
180° DEFLECTION

FIG. 1
90° DEFLECTION

U.S. CUSTOMARY (INCHES)										METRIC (MILLIMETERS)									
Wire Dia	Out- side Dia	Pos. of Ends	Def. Deg.	Torque in. lb.	Radius R	Min. Axial Space		Wire Dia	Out- side Dia	Pos. of Ends	Def. Deg.	Torque N. m	Radius R	Min. Axial Space					
						E	L							E	L				
.124		1	90		.250	.50	.067		3.2	1	90		6.4	13	1.7				
.133		2	180		.250	.50	.105		3.4	2	180		6.4	13	2.7				
.142		3	270		.250	.50	.158		3.2	3	270		6.4	13	4.0				
.194	.014	2	180	.070	.375	.75	.077	0.35	4.9	2	180	.008	9.5	19	2.0				
.201		3	270		.375	.75	.102		5.1	3	270		9.5	19	2.6				
.204		4	360		.375	.75	.126		5.2	4	360		9.5	19	3.2				
.160		1	90		.250	.50	.081		4.1	1	90		6.4	13	2.1				
.172		2	180		.250	.50	.127		4.4	2	180		6.4	13	3.2				
.160		3	270		.250	.50	.192		4.1	3	270		6.4	13	4.9				
.249	.017	2	180	.117	.375	.75	.094	0.43	6.3	2	180	.013	9.5	19	2.4				
.259		3	270		.375	.75	.123		6.6	3	270		9.5	19	3.1				
.235		4	360		.375	.75	.170		6.0	4	360		9.5	19	4.3				
.191		1	90		.375	.75	.095		4.9	1	90		9.5	19	2.4				
.179		2	180		.375	.75	.170		4.6	2	180		9.5	19	4.3				
.175		3	270		.375	.75	.245		4.5	3	270		9.5	19	6.2				
.242	.020	2	180	.187	.500	1.00	.130	0.51	6.2	2	180	.021	12.7	25	3.3				
.268		3	270		.500	1.00	.165		6.8	3	270		12.7	25	4.2				
.254		4	360		.500	1.00	.250		6.5	4	360		12.7	25	6.4				
.204		1	90		.375	.75	.109		5.2	1	90		9.5	19	2.8				
.191		2	180		.375	.75	.196		4.9	2	180		9.5	19	5.0				
.187		3	270		.375	.75	.282		4.8	3	270		9.5	19	7.2				
.259	.023	2	180	.308	.500	1.00	.150	0.59	6.6	2	180	.035	12.7	25	3.8				
.251		3	270		.500	1.00	.213		6.4	3	270		12.7	25	5.4				
.271		4	360		.500	1.00	.253		6.9	4	360		12.7	25	6.5				
.267		1	90		.500	1.00	.133		6.8	1	90		12.7	25	3.4				
.249		2	180		.500	1.00	.238		6.3	2	180		12.7	25	6.0				
.245		3	270		.500	1.00	.344		6.2	3	270		12.7	25	8.8				
.340	.028	2	180	.515	.500	1.00	.182	0.71	8.7	2	180	.058	12.7	25	4.6				
.329		3	270		.500	1.00	.259		8.4	3	270		12.7	25	6.6				
.355		4	360		.500	1.00	.308		9.0	4	360		12.7	25	7.9				

Table 65 Torsion springs. (Wallace Barnes Co. Ltd.)



Inside Dia		Outside Dia		Length—Inches and Millimeters																	
in.	mm	in.	mm	15	.50	20	.75	25	1.00	30	1.25	35	1.50	40	1.75	50	2.00	60	2.50	75	3.00
.375	10	.625	16	•		•		•		•											
.500	12	.625	16	•		•		•		•		•					•				
.625	16	.875	22	•		•		•		•		•		•			•				
		1.000	25	•		•		•		•		•		•			•				
.750	20	1.000	25	•		•		•		•		•		•			•				
		1.125	28	•		•		•		•		•		•			•				
.875	22	1.125	28	•		•		•		•		•		•			•		•		
		1.250	32	•		•		•		•		•		•			•		•		
1.000	25	1.250	32	•		•		•		•		•		•			•		•		
		1.375	35	•		•		•		•		•		•			•		•		
																				•	•

Table 66 Standard plain (journal) bearings.

Series	Bearing Number	Bore d		Outside Diameter D		Width W		Basic Load Rating	
		in.	mm	in.	mm	in.	mm	kips	kN
Light	7205B	0.984	25	2.047	52	0.591	15	2.5	11.4
	7206B	1.181	30	2.441	62	0.630	16	3.4	15.6
	7207B	1.378	35	2.835	72	0.670	17	4.6	20.8
	7208B	1.575	40	3.150	80	0.709	18	5.5	24.5
	7209B	1.772	45	3.347	85	0.748	19	6.2	27.5
	7210B	1.969	50	3.543	90	0.787	20	6.4	28.5
	7211B	2.165	55	3.937	100	0.827	21	8.2	36
	7212B	2.362	60	4.331	110	0.866	22	9.7	43
Medium	7304B	0.787	20	2.047	52	0.591	15	3.1	13.4
	7305B	0.984	25	2.441	62	0.670	17	4.3	19
	7306B	1.181	30	2.835	72	0.748	19	5.4	24
	7307B	1.378	35	3.150	80	0.827	21	6.3	28
	7308B	1.575	40	3.543	90	0.906	23	7.8	34.5
	7309B	1.772	45	3.937	100	0.984	25	10	45
	7310B	1.969	50	4.331	110	1.063	27	11.6	52
	7311B	2.165	55	4.724	120	1.142	29	13.4	61
Heavy	7312B	2.362	60	5.118	130	1.221	31	15.6	69.5
	7405B	0.984	25	3.150	80	0.827	21	6.8	30.5
	7406B	1.181	30	3.543	90	0.906	23	8.3	36.5
	7407B	1.378	35	3.937	100	0.984	25	10.4	46.5
	7408B	1.575	40	4.331	110	1.063	27	12	54
	7409B	1.772	45	4.724	120	1.142	29	14.6	65.5
	7410B	1.969	50	5.118	130	1.221	31	16.6	73.5
	7411B	2.165	55	5.512	140	1.299	33	19	85
7412B	2.362	60	5.906	150	1.378	35	20.4	91.5	

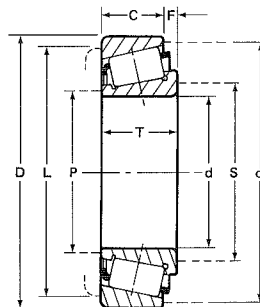
Table 67 Angular contact ball bearings. (SKF Co. Ltd.)

60		60 Z		60 2Z		60 RS		60 2RS		60 NR		60 ZNR	
ONE SHIELD		TWO SHIELDS		ONE RED SEAL		TWO RED SEALS		SNAP RING		SNAP RING		ONE SHIELD	

Bearing Number										Nominal Bearing Dimensions										
										d		D		B		F	M	S	H	T
										in.	mm	in.	mm	in.	mm					
6000	6000 Z	6000 2Z	6000 RS	6000 2RS	6002 NR	6002 ZNR	.375	10	1.031	26	.312	8								
6001	6001 Z	6001 2Z	6001 RS	6001 2RS			.500	12	1.125	28	.312	8								
6002	6002 Z	6002 2Z	6002 RS	6002 2RS			.625	15	1.250	32	.375	9	30	36.5	3	2	1			
6003	6003 Z	6003 2Z	6003 RS	6003 2RS			.750	17	1.656	35	.500	10								
6004	6004 Z	6004 2Z	6004 RS	6004 2RS			.875	20	1.750	42	.500	2								
6005	6005 Z	6005 2Z	6005 RS	6005 2RS			1.000	25	1.875	47	.500	12								
6006	6006 Z	6006 2Z	6006 RS	6006 2RS			1.1875	30	2.156	55	.531	13								
6007	6007 Z	6007 2Z	6007 RS	6007 2RS			1.375	35	2.500	62	.562	14								
6008	6008 Z	6008 2Z	6008 RS	6008 2RS			1.500	40	2.688	68	.594	15								
6009							1.750	45	3.000	75	.625	16								
6010	6010 Z	6010 2Z	6010 RS	6010 2RS	6010 NR	6010 ZNR	2.000	50	3.125	80	.625	16	76.8	86	4	2.5	1.6			
6011	6011 Z	6011 2Z	6011 RS	6011 2RS	6011 NR	6011 ZNR	2.250	55	3.562	90	.719	18	86.8	96.5	5	3	2.4			
6012							2.375	60	3.750	95	.719	18								
6013	6013 Z	6013 2Z			6013 NR	6013 ZNR	2.500	65	4.000	100	.719	18	96.8	106	5	3	2.4			
6014							2.750	70	4.375	110	.781	20								
6015	6015 Z	6015 2Z			6015 NR	6015 ZNR	3.000	75	4.500	115	.781	20	112	121	5	3	2.4			

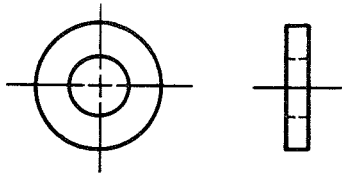
Note: When shield is required on same side as snap ring, order as ZNR.
Inch size dimensions shown are for inch size bearings.

Table 68 Radial ball bearings. (SKF Co. Ltd.)



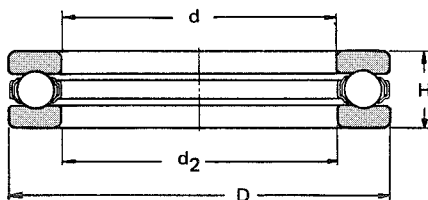
Bearing Number	Nominal External Sizes						U.S. CUSTOMARY (in.)						METRIC (mm)					
	Bore		Outside Dia		Width													
	in.	mm	in.	mm	in.	mm	F	C	S	P	L	O	F	C	S	P	L	O
4059	.590	15	1.375	35	.430	11	.089	.344	.781	.719	1.094	1.250	2	9	20	18	28	32
03062	.625	16	1.625	41	.562	14	.125	.438	.844	.781	1.312	1.469	3	11	21	20	33	37
5062	.625	16	1.850	46	.566	14	.129	.438	.938	.844	1.562	1.688	3	11	24	21	40	43
1749	.688	17	1.570	40	.545	14	.125	.420	.906	.781	1.312	1.438	3	11	23	20	37	36
9195	.695	17.6	1.938	49	.906	20	.219	.562	1.062	.969	1.625	1.750	6	14	27	24	41	44
9070	.695	17.6	1.938	49	.906	23	.219	.688	1.062	.969	1.562	1.750	6	17	27	24	39	44
1774	.748	19	2.240	57	.753	20	.138	.625	1.062	.969	1.875	2.031	4	16	27	24	48	51
1949	.750	20	1.781	45	.610	16	.135	.475	1.000	.922	1.500	1.625	4	12	25	59	38	41
9067	.750	20	1.938	50	.835	21	.148	.688	1.000	.922	1.531	1.750	4	17	25	23	39	44
9078	.750	20	1.938	50	.906	23	.219	.562	1.000	.922	1.625	1.750	6	17	25	23	39	44
7075	.750	20	2.000	51	.591	15	.091	.375	1.000	.938	1.719	1.844	3	12	25	24	44	47
7087	.857	22	1.969	50	.531	14	.156	.375	1.125	1.062	1.719	1.844	4	10	28	27	44	47
1380	.875	22	2.125	54	.762	20	.200	.562	1.125	1.094	1.750	1.906	5	15	28	28	44	48
1280	.875	22	2.250	54	.875	22	.188	.688	1.125	1.094	1.875	2.062	5	17	28	28	48	52
4643	1.000	25	1.980	48	.560	14	.140	.420	1.219	1.156	1.719	1.844	4	10	33	29	44	47
1780	1.000	25	2.240	57	.762	20	.781	.625	1.188	1.172	1.844	2.031	4	16	30	30	48	52

Table 69 Tapered roller bearings. (SKF Co. Ltd.)



Inside Dia		Thickness		Outside Dia					
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
.500	12	.12 .18	3 5	.80	20	1.10	25	1.25	30
.625	16	.12 .18	3 5	1.25	30	1.50	40	1.75	46
.750	20	.12 .18	3 5	1.30	34	1.60	40	2.00	50
.875	22	.12 .18	3 5	1.30	34	1.60	40	2.00	50
1.000	25	.12 .18 .25	3 5 6	1.60	40	2.00	50	2.25	60

Table 70 Thrust plain bearings.



BEARING NUMBER	Nominal Bearing Dimensions								Max. Fillet Radius* In.	Shoulder Diameter in.	
	d		d _i		D		H			Shaft Min.	Housing Max.
	in.	mm	in.	mm	in.	mm	in.	mm			
51100	.3937	10	.402	10.2	.9449	24	.354	9	.012	.750	.563
51101	.4724	12	.480	12.2	1.0236	26	.354	9	.012	.844	.656
51102	.5906	15	.598	15.2	1.1024	28	.354	9	.012	.938	.750
51103	.6693	17	.677	17.2	1.1811	30	.354	9	.012	1.031	.844
51104	.7874	20	.795	20.2	1.3780	35	.394	10	.012	1.188	.969
51105	.9843	25	.992	25.2	1.6535	42	.433	11	.024	1.438	1.219
51106	1.1811	30	1.189	30.2	1.8504	47	.433	11	.024	1.563	1.469
51107X	1.3780	35	1.386	35.2	2.0472	52	.472	12	.024	1.813	1.656
51108	1.5748	40	1.583	40.2	2.3622	60	.512	13	.024	2.063	1.875
51109	1.7717	45	1.780	45.2	2.5591	65	.551	14	.024	2.281	2.063
51110	1.9685	50	1.976	50.2	2.7559	70	.551	14	.024	2.500	2.250
51111	2.1654	55	2.173	55.2	3.0709	78	.630	16	.024	2.750	2.500
51112	2.3622	60	2.370	60.2	3.3465	85	.669	17	.039	3.000	2.719
51113	2.5591	65	2.567	65.2	3.5433	90	.709	18	.039	3.188	2.875
51114	2.7559	70	2.764	70.2	3.7402	95	.709	18	.039	3.375	3.063
51115	2.9528	75	2.961	75.2	3.9370	100	.748	19	.039	3.625	3.250
51116	3.1496	80	3.157	80.2	4.1339	105	.748	19	.039	3.813	3.438
51117	3.3465	85	3.354	85.2	4.3307	110	.748	19	.039	4.000	3.625

* The maximum fillet on the shaft or in the housing, which will be cleared by the bearing corner.

Table 71 Thrust roller bearings. (SKF Co. Ltd.)