

Table XXVII-C ISO Shaft Fits, Millimeter Values, r6 Through s7

BEARING BORE		FIT CLASSES											
		r6			r7			s6			s7		
B		SHAFT O.D.		FIT*	SHAFT O.D.		FIT*	SHAFT O.D.		FIT*	SHAFT O.D.		FIT*
MAX.	MIN.	MAX.	MIN.		MAX.	MIN.		MAX.	MIN.		MAX.	MIN.	
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
80	79.980	80.073	80.051		80.086	80.051		80.093	80.071		80.106	80.071	
85	84.980	85.073	85.051	.051T	85.086	85.051	.051T	85.093	85.071	.071T	85.106	85.071	.071T
90	89.980	90.073	90.051	.093T	90.086	90.051	.106T	90.093	90.071	.113T	90.106	90.071	.126T
95	94.980	95.073	95.051		95.086	95.051		95.093	95.071		95.106	95.071	
100	99.980	100.073	100.051		100.086	100.051		100.093	100.071		100.106	100.071	
105	104.980	105.076	105.054		105.089	105.054		105.101	105.079		105.114	105.079	
110	109.980	110.076	110.054	.054T	110.089	110.054	.054T	110.101	110.079	.079T	110.114	110.079	.079T
115	114.980	115.076	115.054	.096T	115.089	115.054	.109T	115.101	115.079	.121T	115.114	115.079	.134T
120	119.980	120.076	120.054		120.089	120.054		120.101	120.079		120.114	120.079	
125	124.975	125.088	125.063	.063T	125.103	125.063	.063T	125.117	125.092	.092T	125.132	125.092	.092T
130	129.975	130.088	130.063	.113T	130.103	130.063	.128T	130.117	130.092	.142T	130.132	130.092	.157T
140	139.975	140.088	140.063		140.103	140.063		140.117	140.092		140.132	140.092	
150	149.975	150.090	150.065	.065T	150.105	150.065	.065T	150.125	150.100	.100T	150.140	150.100	.100T
160	159.975	160.090	160.065	.115T	160.105	160.065	.130T	160.125	160.100	.150T	160.140	160.100	.165T
170	169.975	170.093	170.068	.068T	170.108	170.068	.068T	170.133	170.108	.108T	170.148	170.108	.108T
180	179.975	180.093	180.068	.118T	180.108	180.068	.133T	180.133	180.108	.158T	180.148	180.108	.173T
190	189.970	190.106	190.077	.077T	190.123	190.077	.077T	190.151	190.122	.122T	190.168	190.122	.122T
200	199.970	200.106	200.077	.136T	200.123	200.077	.153T	200.151	200.122	.181T	200.168	200.122	.198T
220	219.970	220.109	220.080	**	220.126	220.080	**	220.159	220.130	**	220.176	220.130	**
240	239.970	240.113	240.084	.084T	240.130	240.084	.084T	240.169	240.140	.140T	240.186	240.140	.140T
250	249.970	250.113	250.084	.143T	250.130	250.084	.160T	250.169	250.140	.199T	250.186	250.140	.216T
260	259.965	260.126	260.094	.094T	260.146	260.094	.094T	260.190	260.158	.158T	260.210	260.158	.158T
280	279.965	280.126	280.094	.161T	280.146	280.094	.181T	280.190	280.158	.225T	280.210	280.158	.245T
300	299.965	300.130	300.098	.098T	300.150	300.098	.098T	300.202	300.170	.170T	300.222	300.170	.170T
315	314.960	315.130	315.098	.165T	315.150	315.098	.185T	315.202	315.170	.237T	315.222	315.170	.257T
320	319.960	320.144	320.108	.108T	320.165	320.108	.108T	320.226	320.190	.190T	320.247	320.190	.190T
340	339.960	340.144	340.108	.184T	340.165	340.108	.205T	340.226	340.190	.266T	340.247	340.190	.287T
355	354.960	355.144	355.108		355.165	355.108		355.226	355.190		355.247	355.190	
360	359.960	360.150	360.114	.114T	360.171	360.114	.114T	360.244	360.208	.208T	360.265	360.208	.208T
380	379.960	380.150	380.114	.190T	380.171	380.114	.211T	380.244	380.208	.284T	380.265	380.208	.305T
400	399.960	400.150	400.114		400.171	400.114		400.244	400.208		400.265	400.208	
420	419.955	420.166	420.126	.126T	420.189	420.126	.126T	420.272	420.232	.232T	420.295	420.232	.232T
440	439.955	440.166	440.126	.211T	440.189	440.126	.234T	440.272	440.232	.317T	440.295	440.232	.340T
450	449.955	450.166	450.126		450.189	450.126		450.272	450.232		450.295	450.232	
460	459.955	460.172	460.132	.132T	460.195	460.132	.132T	460.292	460.252	.252T	460.315	460.252	.252T
480	479.955	480.172	480.132	.217T	480.195	480.132	.240T	480.292	480.252	.337T	480.315	480.252	.360T
500	499.955	500.172	500.132		500.195	500.132		500.292	500.252		500.315	500.252	
530	529.950	530.194	530.150	.150T	530.220	530.150	.150T	530.324	530.280	.280T	530.350	530.280	.280T
560	559.950	560.194	560.150	.244T	560.220	560.150	.270T	560.324	560.280	.374T	560.350	560.280	.400T
600	599.950	600.199	600.155	.155T	600.225	600.155	.155T	600.354	600.310	.310T	600.380	600.310	.310T
630	629.950	630.199	630.155	.249T	630.225	630.155	.275T	630.354	630.310	.404T	630.380	630.310	.430T
670	669.925	670.225	670.175	.175T	670.255	670.175	.175T	670.390	670.340	.340T	670.420	670.340	.340T
710	709.925	710.225	710.175	.300T	710.255	710.175	.330T	710.390	710.340	.465T	710.420	710.340	.495T
750	749.925	750.235	750.185	.185T	750.265	750.185	.185T	750.430	750.380	.380T	750.460	750.380	.380T
800	799.925	800.235	800.185	.310T	800.265	800.185	.340T	800.430	800.380	.505T	800.460	800.380	.535T
850	849.900	850.266	850.210	.210T	850.300	850.210	.210T	850.486	850.430	.430T	850.520	850.430	.430T
900	899.900	900.266	900.210	.366T	900.300	900.210	.400T	900.486	900.430	.586T	900.520	900.430	.620T
950	949.900	950.276	950.220	.220T	950.310	950.220	.220T	950.526	950.470	.470T	950.560	950.470	.470T
1000	999.900	1000.276	1000.220	.376T	1000.310	1000.220	.410T	1000.526	1000.470	.626T	1000.560	1000.470	.660T
1060	1059.875	1060.316	1060.250	.250T	1060.355	1060.250	.250T	1060.586	1060.520	.520T	1060.625	1060.520	.520T
1120	1119.875	1120.316	1120.250	.441T	1120.355	1120.250	.480T	1120.586	1120.520	.711T	1120.625	1120.520	.750T
1180	1179.875	1180.326	1180.260	.260T	1180.365	1180.260	.260T	1180.646	1180.580	.580T	1180.685	1180.580	.580T
1250	1249.875	1250.326	1250.260	.451T	1250.365	1250.260	.490T	1250.646	1250.580	.771T	1250.685	1250.580	.810T
1320	1319.840	1320.378	1320.300	.300T	1320.425	1320.300	.300T	1320.718	1320.640	.640T	1320.765	1320.640	.640T
1400	1399.840	1400.378	1400.300	.538T	1400.425	1400.300	.585T	1400.718	1400.640	.878T	1400.765	1400.640	.925T
1500	1499.840	1500.408	1500.330	.330T	1500.455	1500.330	.330T	1500.798	1500.720	.720T	1500.845	1500.720	.720T
1600	1599.840	1600.408	1600.330	.568T	1600.455	1600.330	.615T	1600.798	1600.720	.958T	1600.845	1600.720	1.005T

* L for loose and T for tight

** 220mm Fits: r6 - .080T/.139T; r7 - .080T/.156T; s6 - .130T/.189T; s7 - .130T/.206T.