

Table XXVIII-C ISO Shaft Fits, Inch 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*
NOM.	MAX.	MIN.	MAX.	MIN.		MAX.	MIN.		MAX.	MIN.		MAX.	MIN.	
mm	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
80	3.1496	3.1488	3.1525	3.1516		3.1530	3.1516		3.1533	3.1524		3.1538	3.1524	
85	3.3465	3.3457	3.3493	3.3485	.0020T	3.3498	3.3485	.0020T	3.3501	3.3493	.0028T	3.3506	3.3493	.0028T
90	3.5433	3.5425	3.5462	3.5453	.0037T	3.5467	3.5453	.0042T	3.5470	3.5461	.0044T	3.5475	3.5461	.0050T
95	3.7402	3.7394	3.7430	3.7422		3.7435	3.7422		3.7438	3.7430		3.7443	3.7430	
100	3.9370	3.9362	3.9399	3.9390		3.9404	3.9390		3.9407	3.9398		3.9412	3.9398	
105	4.1339	4.1331	4.1369	4.1360		4.1374	4.1360		4.1378	4.1370		4.1383	4.1370	
110	4.3307	4.3299	4.3337	4.3328	.0021T	4.3342	4.3328	.0021T	4.3347	4.3338	.0031T	4.3352	4.3338	.0031T
115	4.5276	4.5268	4.5306	4.5297	.0038T	4.5311	4.5297	.0043T	4.5315	4.5307	.0048T	4.5320	4.5307	.0053T
120	4.7244	4.7236	4.7274	4.7265		4.7279	4.7265		4.7284	4.7275		4.7289	4.7275	
125	4.9213	4.9205	4.9243	4.9234	.0025T	4.9237	4.9223	.0025T	4.9239	4.9229	.0036T	4.9234	4.9229	.0036T
130	5.1181	5.1173	5.1211	5.1202	.0044T	5.1215	5.1202	.0050T	5.1217	5.1207	.0056T	5.1212	5.1207	.0062T
140	5.5118	5.5110	5.5148	5.5139		5.5152	5.5139		5.5164	5.5154		5.5170	5.5154	
150	5.9055	5.9047	5.9085	5.9076	.0026T	5.9089	5.9076	.0026T	5.9104	5.9094	.0039T	5.9110	5.9094	.0039T
160	6.2992	6.2984	6.3022	6.3013	.0045T	6.3033	6.3018	.0051T	6.3041	6.3031	.0059T	6.3047	6.3031	.0065T
170	6.6929	6.6921	6.6959	6.6950	.0027T	6.6972	6.6959	.0027T	6.6981	6.6972	.0043T	6.6987	6.6972	.0043T
180	7.0866	7.0858	7.0896	7.0887	.0046T	7.0909	7.0896	.0052T	7.0919	7.0909	.0062T	7.0924	7.0909	.0068T
190	7.4803	7.4795	7.4833	7.4824	.0030T	7.4852	7.4839	.0030T	7.4863	7.4851	.0048T	7.4869	7.4851	.0048T
200	7.8740	7.8732	7.8770	7.8761	.0054T	7.8789	7.8776	.0060T	7.8800	7.8788	.0071T	7.8806	7.8788	.0078T
220	8.6614	8.6606	8.6644	8.6635	**	8.6664	8.6651	**	8.6677	8.6665	**	8.6683	8.6665	**
240	9.4488	9.4480	9.4518	9.4509	.0033T	9.4539	9.4526	.0033T	9.4555	9.4543	.0055T	9.4561	9.4543	.0055T
250	9.8425	9.8417	9.8455	9.8446	.0056T	9.8476	9.8463	.0063T	9.8492	9.8480	.0078T	9.8498	9.8480	.0085T
260	10.2362	10.2354	10.2392	10.2383	.0037T	10.2420	10.2399	.0037T	10.2437	10.2424	.0062T	10.2445	10.2424	.0062T
280	11.0236	11.0228	11.0266	11.0257	.0063T	11.0294	11.0273	.0071T	11.0311	11.0298	.0089T	11.0319	11.0298	.0096T
300	11.8110	11.8096	11.8134	11.8125	.0039T	11.8169	11.8149	.0039T	11.8190	11.8177	.0067T	11.8198	11.8177	.0067T
315	12.4016	12.4008	12.4046	12.4037	.0065T	12.4075	12.4054	.0073T	12.4095	12.4083	.0093T	12.4103	12.4083	.0101T
320	12.5984	12.5976	12.6014	12.6005	.0043T	12.6049	12.6027	.0043T	12.6073	12.6059	.0075T	12.6081	12.6059	.0075T
340	13.3858	13.3843	13.3915	13.3906	.0072T	13.3923	13.3901	.0081T	13.3947	13.3933	.0105T	13.3956	13.3933	.0113T
355	13.9764	13.9748	13.9820	13.9806		13.9829	13.9806		13.9853	13.9839		13.9861	13.9839	
360	14.1732	14.1717	14.1791	14.1777	.0045T	14.1800	14.1777	.0045T	14.1828	14.1814	.0082T	14.1837	14.1814	.0082T
380	14.9606	14.9591	14.9665	14.9651	.0075T	14.9674	14.9651	.0083T	14.9702	14.9688	.0112T	14.9711	14.9688	.0120T
400	15.7480	15.7465	15.7539	15.7525		15.7548	15.7525		15.7576	15.7562		15.7585	15.7562	
420	16.5354	16.5337	16.5420	16.5404	.0050T	16.5429	16.5404	.0050T	16.5461	16.5446	.0091T	16.5470	16.5446	.0091T
440	17.3228	17.3211	17.3294	17.3278	.0083T	17.3303	17.3278	.0092T	17.3335	17.3320	.0125T	17.3344	17.3320	.0134T
450	17.7165	17.7148	17.7231	17.7215		17.7240	17.7215		17.7272	17.7257		17.7281	17.7257	
460	18.1102	18.1085	18.1170	18.1154	.0052T	18.1179	18.1154	.0052T	18.1217	18.1202	.0099T	18.1226	18.1202	.0099T
480	18.8976	18.8959	18.9044	18.9028	.0085T	18.9053	18.9028	.0094T	18.9091	18.9076	.0133T	18.9100	18.9076	.0142T
500	19.6850	19.6833	19.6918	19.6902		19.6927	19.6902		19.6965	19.6950		19.6974	19.6950	
530	20.8661	20.8642	20.8728	20.8712	.0059T	20.8748	20.8720	.0059T	20.8789	20.8772	.0110T	20.8799	20.8772	.0110T
560	22.0472	22.0453	22.0549	22.0531	.0096T	22.0559	22.0531	.0106T	22.0600	22.0583	.0147T	22.0610	22.0583	.0157T
600	23.6220	23.6201	23.6299	23.6281	.0061T	23.6309	23.6281	.0061T	23.6360	23.6343	.0122T	23.6370	23.6343	.0122T
630	24.8031	24.8012	24.8110	24.8093	.0098T	24.8120	24.8093	.0108T	24.8171	24.8154	.0159T	24.8181	24.8154	.0169T
670	26.3780	26.3750	26.3868	26.3848	.0069T	26.3880	26.3848	.0069T	26.3933	26.3913	.0134T	26.3945	26.3913	.0134T
710	27.9528	27.9498	27.9616	27.9596	.0118T	27.9628	27.9596	.0130T	27.9681	27.9661	.0183T	27.9693	27.9661	.0195T
750	29.5276	29.5246	29.5368	29.5348	.0073T	29.5380	29.5348	.0073T	29.5445	29.5425	.0150T	29.5457	29.5425	.0150T
800	31.4961	31.4931	31.5053	31.5033	.0122T	31.5065	31.5033	.0134T	31.5130	31.5110	.0199T	31.5142	31.5110	.0211T
850	33.4646	33.4606	33.4750	33.4728	.0083T	33.4764	33.4728	.0083T	33.4837	33.4815	.0169T	33.4850	33.4815	.0169T
900	35.4331	35.4291	35.4435	35.4413	.0144T	35.4449	35.4413	.0157T	35.4522	35.4500	.0231T	35.4535	35.4500	.0244T
950	37.4016	37.3976	37.4124	37.4102	.0087T	37.4138	37.4102	.0087T	37.4223	37.4201	.0185T	37.4236	37.4201	.0185T
1000	39.3701	39.3661	39.3809	39.3787	.0148T	39.3823	39.3787	.0161T	39.3908	39.3886	.0246T	39.3921	39.3886	.0260T
1060	41.7323	41.7274	41.7447	41.7421	.0098T	41.7463	41.7421	.0098T	41.7554	41.7528	.0205T	41.7569	41.7528	.0205T
1120	44.0945	44.0896	44.1069	44.1043	.0174T	44.1085	44.1043	.0189T	44.1176	44.1150	.0280T	44.1191	44.1150	.0295T
1180	46.4567	46.4518	46.4695	46.4669	.0102T	46.4711	46.4669	.0102T	46.4821	46.4795	.0228T	46.4837	46.4795	.0228T
1250	49.2126	49.2077	49.2254	49.2228	.0178T	49.2270	49.2228	.0193T	49.2380	49.2354	.0304T	49.2396	49.2354	.0319T
1320	51.9685	51.9622	51.9834	51.9803	.0118T	51.9852	51.9803	.0118T	51.9968	51.9937	.0252T	51.9986	51.9937	.0252T
1400	55.1181	55.1118	55.1330	55.1299	.0212T	55.1348	55.1299	.0230T	55.1464	55.1433	.0346T	55.1482	55.1433	.0364T
1500	59.0551	59.0488	59.0712	59.0681	.0130T	59.0730	59.0681	.0130T	59.0865	59.0835	.0283T	59.0884	59.0835	.0283T
1600	62.9921	62.9858	63.0082	63.0051	.0224T	63.0100	63.0051	.0242T	63.0235	63.0205	.0377T	63.0254	63.0205	.0396T

* L for loose and T for tight

** 220mm Fits: r6 - .0032T/.0055T; r7 - .0032T/.0062T; s6 - .0051T/.0075T; s7 - .0051T/.0081T.