Shaft tolerances and resultant fits (inch)

Bearing bore diameter d			Resultant fits Tolerance classes f7 Shaft diameter			g6 Shaft diameter			h5 Shaft diameter			h6 Shaft diameter		
	max	min	max	min	Fit[1]	max	min	Fit[1]	max	min	Fit[1]	max	min	Fit[1]
mm	in.		in.		–	in.		–	in.		–	in.		–
4	0.1575	0.1572	0.1571	0.1566	9 L	0.1573	0.1570	5 L	0.1575	0.1573	2 L	0.1575	0.1572	3 L
5	0.1969	0.1966	0.1965	0.1960	1 L	0.1967	0.1964	1 T	0.1969	0.1967	3 T	0.1969	0.1966	3 T
6	0.2362	0.2359	0.2358	0.2353		0.2360	0.2357		0.2362	0.2360		0.2362	0.2359	
7	0.2756	0.2753	0.2751	0.2745		0.2754	0.2750		0.2756	0.2754		0.2756	0.2752	
8	0.3150	0.3147	0.3145	0.3139	11 L	0.3148	0.3144	6 L	0.3150	0.3148	2 L	0.3150	0.3146	4 L
9	0.3543	0.3540	0.3538	0.3532	2 L	0.3541	0.3537	1 T	0.3543	0.3541	3 T	0.3543	0.3539	3 T
10	0.3937	0.3934	0.3932	0.3926		0.3935	0.3931		0.3937	0.3935		0.3937	0.3933	
12	0.4724	0.4721	0.4718	0.4711	13 L	0.4722	0.4717	7 L	0.4724	0.4721	3 L	0.4724	0.4720	4 L
15	0.5906	0.5903	0.5900	0.5893	3 L	0.5904	0.5899	1 T	0.5906	0.5903	3 T	0.5906	0.5902	3 T
17	0.6693	0.6690	0.6687	0.6680		0.6691	0.6686		0.6693	0.6690		0.6693	0.6689	
20	0.7874	0.7870	0.7866	0.7858	16 L	0.7871	0.7866	8 L	0.7874	0.7870	4 L	0.7874	0.7869	5 L
25	0.9843	0.9839	0.9835	0.9827	4 L	0.9840	0.9835	1 T	0.9843	0.9839	4 T	0.9843	0.9838	4 T
30	1.1811	1.1807	1.1803	1.1795		1.1808	1.1803		1.1811	1.1807		1.1811	1.1806	
35	1.3780	1.3775	1.3770	1.3760		1.3776	1.3770		1.3780	1.3776		1.3780	1.3774	
40	1.5748	1.5743	1.5738	1.5728	20 L	1.5744	1.5738	10 L	1.5748	1.5744	4 L	1.5748	1.5742	6 L
45	1.7717	1.7712	1.7707	1.7697	5 L	1.7713	1.7707	1 T	1.7717	1.7713	5 T	1.7717	1.7711	5 T
50	1.9685	1.9680	1.9675	1.9665		1.9681	1.9675		1.9685	1.9681		1.9685	1.9679	
55	2.1654	2.1648	2.1642	2.1630		2.1650	2.1643		2.1654	2.1649		2.1654	2.1647	
60	2.3622	2.3616	2.3610	2.3598		2.3618	2.3611		2.3622	2.3617		2.3622	2.3615	
65	2.5591	2.5585	2.5579	2.5567	24 L	2.5587	2.5580	11 L	2.5591	2.5586	5 L	2.5591	2.5584	7 L
70	2.7559	2.7553	2.7547	2.7535	6 L	2.7555	2.7548	2 T	2.7559	2.7554	6 T	2.7559	2.7552	6 T
75	2.9528	2.9522	2.9516	2.9504		2.9524	2.9517		2.9528	2.9523		2.9528	2.9521	
80	3.1496	3.1490	3.1484	3.1472		3.1492	3.1485		3.1496	3.1491		3.1496	3.1489	
85	3.3465	3.3457	3.3451	3.3437		3.3460	3.3452		3.3465	3.3459		3.3465	3.3456	
90	3.5433	3.5425	3.5419	3.5405		3.5428	3.5420		3.5433	3.5427		3.5433	3.5424	
95	3.7402	3.7394	3.7388	3.7374	28 T	3.7397	3.7389	13 L	3.7402	3.7396	6 L	3.7402	3.7393	9 L
100	3.9370	3.9362	3.9356	3.9342	6 L	3.9365	3.9357	3 T	3.9370	3.9364	8 T	3.9370	3.9361	8 T
105	4.1339	4.1331	4.1325	4.1311		4.1334	4.1326		4.1339	4.1333		4.1339	4.1330	
110	4.3307	4.3299	4.3293	4.3279		4.3302	4.3294		4.3307	4.3301		4.3307	4.3298	
120	4.7244	4.7236	4.7230	4.7216		4.7239	4.7231		4.7244	4.7238		4.7244	4.7235	
130	5.1181	5.1171	5.1164	5.1148		5.1175	5.1166		5.1181	5.1174		5.1181	5.1171	
140	5.5118	5.5108	5.5101	5.5085		5.5112	5.5103		5.5118	5.5111		5.5118	5.5108	
150	5.9055	5.9045	5.9038	5.9022	33 L	5.9049	5.9040	15 L	5.9055	5.9048	7 L	5.9055	5.9045	10 L
160	6.2992	6.2982	6.2975	6.2959	7 L	6.2986	6.2977	4 T	6.2992	6.2985	10 T	6.2992	6.2982	10 T
170	6.6929	6.6919	6.6912	6.6896		6.6923	6.6914		6.6929	6.6922		6.6929	6.6919	
180	7.0866	7.0856	7.0849	7.0833		7.0860	7.0851		7.0866	7.0859		7.0866	7.0856	
190	7.4803	7.4791	7.4783	7.4765		7.4797	7.4786		7.4803	7.4795		7.4803	7.4792	
200	7.8740	7.8728	7.8720	7.8702	38 L	7.8734	7.8723	17 L	7.8740	7.8732	8 L	7.8740	7.8729	11 L
220	8.6614	8.6602	8.6594	8.6576	8 L	8.6608	8.6597	6 T	8.6614	8.6606	12 T	8.6614	8.6603	12 T
240	9.4488	9.4476	9.4468	9.4450		9.4482	9.4471		9.4488	9.4480		9.4488	9.4477	

[1] Resultant fit in 0.0001 in. L indicates a clearance (loose) fit, T indicates an interference (tight) fit.

Shaft tolerances and resultant fits (inch)

Bearing bore diameter d			Resultant fits Tolerance classes f7 Shaft diameter			g6 Shaft diameter			h5 Shaft diameter			h6 Shaft diameter		
	max	min	max	min	Fit[1]	max	min	Fit[1]	max	min	Fit[1]	max	min	Fit[1]
mm	in.		in.		–	in.		–	in.		–	in.		–
260	10.2362	10.2348	10.2340	10.2319	43 L	10.2355	10.2343	19 L	10.2362	10.2353	9 L	10.2362	10.2349	13 L
280	11.0236	11.0222	11.0214	11.0193	8 L	11.0229	11.0217	7 T	11.0236	11.0227	14 T	11.0236	11.0223	14 T
300	11.8110	11.8096	11.8088	11.8067		11.8103	11.8091		11.8110	11.8101		11.8110	11.8097	
320	12.5984	12.5968	12.5959	12.5937		12.5977	12.5963		12.5984	12.5974		12.5984	12.5970	
340	13.3858	13.3842	13.3833	13.3811	47 L	13.3851	13.3837	21 L	13.3858	13.3848	10 L	13.3858	13.3844	14 L
360	14.1732	14.1716	14.1707	14.1685	9 L	14.1725	14.1711	9 T	14.1732	14.1722	16 T	14.1732	14.1718	16 T
380	14.9606	14.9590	14.9581	14.9559		14.9599	14.9585		14.9606	14.9596		14.9606	14.9592	
400	15.7480	15.7464	15.7455	15.7433		15.7473	15.7459		15.7480	15.7470		15.7480	15.7466	
420	16.5354	16.5336	16.5327	16.5302		16.5346	16.5330		16.5354	16.5343		16.5354	16.5338	
440	17.3228	17.3210	17.3201	17.3176	52 L	17.3220	17.3204	24 L	17.3228	17.3217	11 L	17.3228	17.3212	16 L
460	18.1102	18.1084	18.1075	18.1050	9 L	18.1094	18.1078	10 T	18.1102	18.1091	18 T	18.1102	18.1086	18 T
480	18.8976	18.8958	18.8949	18.8924		18.8968	18.8952		18.8976	18.8965		18.8976	18.8960	
500	19.6850	19.6832	19.6823	19.6798		19.6842	19.6826		19.6850	19.6839		19.6850	19.6834	
530	20.8661	20.8641	20.8631	20.8605		20.8652	20.8635		–	–		20.8661	20.8644	
560	22.0472	22.0452	22.0442	22.0416	56 L	22.0463	22.0446	26 L	–	–	–	22.0472	22.0455	17 L
600	23.6220	23.6200	23.6190	23.6164	10 L	23.6211	23.6194	11 T	–	–	–	23.6220	23.6203	20 T
630	24.8031	24.8011	24.8001	24.7975		24.8022	24.8005		–	–		24.8031	24.8014	
670	26.3780	26.3750	26.3748	26.3719		26.3771	26.3751		–	–		26.3780	26.3760	
710	27.9528	27.9498	27.9496	27.9467	61 L	27.9519	27.9499	29 L	–	–	–	27.9528	27.9508	20 L
750	29.5276	29.5246	29.5244	29.5215	2 L	29.5267	29.5247	21 T	–	–	–	29.5276	29.5256	30 T
800	31.4961	31.4931	31.4929	31.4900		31.4952	31.4932		–	–		31.4961	31.4941	
850	33.4646	33.4607	33.4611	33.4577		33.4636	33.4614		–	–		33.4646	33.4624	
900	35.4331	35.4292	35.4296	35.4262	69 L	35.4321	35.4299	32 L	–	–	–	35.4331	35.4309	22 L
950	37.4016	37.3977	37.3981	37.3947	4 T	37.4006	37.3984	29 T	–	–	–	37.4016	37.3994	39 T
1000	39.3701	39.3662	39.3666	39.3632		39.3691	39.3669		–	–		39.3701	39.3679	
1060	41.7323	41.7274	41.7284	41.7247		41.7312	41.7286		–	–		41.7323	41.7297	
1120	44.0945	44.0896	44.0906	44.0869	76 L	44.0934	44.0908	37 L	–	–	–	44.0945	44.0919	26 L
1180	46.4567	46.4518	46.4528	46.4491	10 T	46.4556	46.4530	38 T	–	–	–	46.4567	46.4541	49 T
1250	49.2126	49.2077	49.2087	49.2050		49.2115	49.2089		–	–		49.2126	49.2100	

[1] Resultant fit in 0.0001 in. L indicates a clearance (loose) fit, T indicates an interference (tight) fit.

Shaft tolerances and resultant fits (inch)

Bearing bore diameter d			Resultant fits Tolerance classes h8			j5			j6			js4		
			Shaft diameter		Fit[1]	Shaft diameter		Fit[1]	Shaft diameter		Fit[1]	Shaft diameter		Fit[1]
	max	min	max	min		max	min		max	min		max	min	
mm	in.		in.		–	in.		–	in.		–	in.		–
4	0.1575	0.1572	0.1575	0.1568	7 L	0.1576	0.1574	1 L	0.1577	0.1574	1 L	–	–	–
5	0.1969	0.1966	0.1969	0.1962	3 T	0.1970	0.1968	4 T	0.1971	0.1968	5 T	–	–	–
6	0.2362	0.2359	0.2362	0.2355		0.2363	0.2361		0.2364	0.2361		–	–	–
7	0.2756	0.2753	0.2756	0.2747		0.2758	0.2755		0.2759	0.2755		0.2757	0.2755	
8	0.3150	0.3147	0.3150	0.3141	9 L	0.3152	0.3149	1 L	0.3153	0.3149	1 L	0.3151	0.3149	1 L
9	0.3543	0.3540	0.3543	0.3534	3 T	0.3545	0.3542	5 T	0.3546	0.3542	6 T	0.3544	0.3542	4 T
10	0.3937	0.3934	0.3937	0.3928		0.3939	0.3936		0.3940	0.3936		0.3938	0.3936	
12	0.4724	0.4721	0.4724	0.4713	11 L	0.4726	0.4723	1 L	0.4727	0.4723	1 L	0.4725	0.4723	1 L
15	0.5906	0.5903	0.5906	0.5895	3 T	0.5908	0.5905	5 T	0.5909	0.5905	6 T	0.5907	0.5905	4 T
17	0.6693	0.6690	0.6693	0.6682		0.6695	0.6692		0.6696	0.6692		0.6694	0.6692	
20	0.7874	0.7870	0.7874	0.7861	13 L	0.7876	0.7872	2 L	0.7878	0.7872	2 L	0.7875	0.7872	2 L
25	0.9843	0.9839	0.9843	0.9830	4 T	0.9845	0.9841	6 T	0.9847	0.9841	8 T	0.9844	0.9841	5 T
30	1.1811	1.1807	1.1811	1.1798		1.1813	1.1809		1.1815	1.1809		1.1812	1.1809	
35	1.3780	1.3775	1.3780	1.3765		1.3782	1.3778		1.3784	1.3778		1.3781	1.3778	
40	1.5748	1.5743	1.5748	1.5733	15 L	1.5750	1.5746	2 L	1.5752	1.5746	2 L	1.5749	1.5746	2 L
45	1.7717	1.7712	1.7717	1.7702	5 T	1.7719	1.7715	7 T	1.7721	1.7715	9 T	1.7718	1.7715	6 T
50	1.9685	1.9680	1.9685	1.9670		1.9687	1.9683		1.9689	1.9683		1.9686	1.9683	
55	2.1654	2.1648	2.1654	2.1636		2.1656	2.1651		2.1659	2.1651		2.1655	2.1652	
60	2.3622	2.3616	2.3622	2.3604		2.3624	2.3619		2.3627	2.3619		2.3623	2.3620	
65	2.5591	2.5585	2.5591	2.5573	18 L	2.5593	2.5588	3 L	2.5596	2.5588	3 L	2.5592	2.5589	2 L
70	2.7559	2.7553	2.7559	2.7541	6 T	2.7561	2.7556	8 T	2.7564	2.7556	11 T	2.7560	2.7557	7 T
75	2.9528	2.9522	2.9528	2.9510		2.9530	2.9525		2.9533	2.9525		2.9529	2.9526	
80	3.1496	3.1490	3.1496	3.1478		3.1498	3.1493		3.1501	3.1493		3.1497	3.1494	
85	3.3465	3.3457	3.3465	3.3444		3.3467	3.3461		3.3470	3.3461		3.3467	3.3463	
90	3.5433	3.5425	3.5433	3.5412		3.5435	3.5429		3.5438	3.5429		3.5435	3.5431	
95	3.7402	3.7394	3.7402	3.7381		3.7404	3.7398		3.7407	3.7398		3.7404	3.7400	
100	3.9370	3.9362	3.9370	3.9349	21 L	3.9372	3.9366	4 L	3.9375	3.9366	4 L	3.9372	3.9368	2 L
105	4.1339	4.1331	4.1339	4.1318	8 T	4.1341	4.1335	10 T	4.1344	4.1335	13 T	4.1341	4.1337	10 T
110	4.3307	4.3299	4.3307	4.3286		4.3309	4.3303		4.3312	4.3303		4.3309	4.3305	
120	4.7244	4.7236	4.7244	4.7223		4.7246	4.7240		4.7249	4.7240		4.7246	4.7242	
130	5.1181	5.1171	5.1181	5.1156		5.1184	5.1177		5.1187	5.1177		5.1183	5.1178	
140	5.5118	5.5108	5.5118	5.5093		5.5121	5.5114		5.5124	5.5114		5.5120	5.5115	
150	5.9055	5.9045	5.9055	5.9030	25 L	5.9058	5.9051	4 L	5.9061	5.9051	4 L	5.9057	5.9052	3 L
160	6.2992	6.2982	6.2992	6.2967	10 T	6.2995	6.2988	13 T	6.2998	6.2988	16 T	6.2994	6.2989	12 T
170	6.6929	6.6919	6.6929	6.6904		6.6932	6.6925		6.6935	6.6925		6.6931	6.6926	
180	7.0866	7.0856	7.0866	7.0841		7.0869	7.0862		7.0872	7.0862		7.0868	7.0863	
190	7.4803	7.4791	7.4803	7.4775		7.4806	7.4798		7.4809	7.4798		7.4806	7.4800	
200	7.8740	7.8728	7.8740	7.8712	28 L	7.8743	7.8735	5 L	7.8746	7.8735	5 L	7.8743	7.8737	3 L
220	8.6614	8.6602	8.6614	8.6586	12 T	8.6617	8.6609	15 T	8.6620	8.6609	18 T	8.6617	8.6611	15 T
240	9.4488	9.4476	9.4488	9.4460		9.4491	9.4483		9.4494	9.4483		9.4491	9.4485	

[1] Resultant fit in 0.0001 in. L indicates a clearance (loose) fit, T indicates an interference (tight) fit.

Shaft tolerances and resultant fits (inch)

Bearing bore diameter d			Resultant fits Tolerance classes h8			j5			j6			js4		
			Shaft diameter		Fit[1]	Shaft diameter		Fit[1]	Shaft diameter		Fit[1]	Shaft diameter		Fit[1]
	max	min	max	min		max	min		max	min		max	min	
mm	in.		in.		–	in.		–	in.		–	in.		–
260	10.2362	10.2348	10.2362	10.2330	32 L	10.2365	10.2356	6 L	10.2368	10.2356	6 L	10.2365	10.2359	3 L
280	11.0236	11.0222	11.0236	11.0204	14 T	11.0239	11.0230	17 T	11.0242	11.0230	20 T	11.0239	11.0233	17 T
300	11.8110	11.8096	11.8110	11.8078		11.8113	11.8104		11.8116	11.8104		11.8113	11.8107	
320	12.5984	12.5968	12.5984	12.5949		12.5987	12.5977		12.5991	12.5977		–	–	
340	13.3858	13.3842	13.3858	13.3823	35 L	13.3861	13.3851	7 L	13.3865	13.3851	7 L	–	–	
360	14.1732	14.1716	14.1732	14.1697	16 T	14.1735	14.1725	19 T	14.1739	14.1725	23 T	–	–	–
380	14.9606	14.9590	14.9606	14.9571		14.9609	14.9599		14.9613	14.9599		–	–	
400	15.7480	15.7464	15.7480	15.7445		15.7483	15.7473		15.7487	15.7473		–	–	
420	16.5354	16.5336	16.5354	16.5316		16.5357	16.5346		16.5362	16.5346		–	–	
440	17.3228	17.3210	17.3228	17.3190	38 L	17.3231	17.3220	8 L	17.3236	17.3220	8 L	–	–	
460	18.1102	18.1084	18.1102	18.1064	18 T	18.1105	18.1094	21 T	18.1110	18.1094	26 T	–	–	–
480	18.8976	18.8958	18.8976	18.8938		18.8979	18.8968		18.8984	18.8968		–	–	–
500	19.6850	19.6832	19.6850	19.6812		19.6853	19.6842		19.6858	19.6842		–	–	
530	20.8661	20.8641	20.8661	20.8618		–	–		20.8670	20.8652		–	–	
560	22.0472	22.0452	22.0472	22.0429	43 L	–	–	–	22.0481	22.0463	9 L	–	–	–
600	23.6220	23.6200	23.6220	23.6177	20 T	–	–	–	23.6229	23.6211	29 T	–	–	–
630	24.8031	24.8011	24.8031	24.7988		–	–		24.8040	24.8022		–	–	
670	26.3780	26.3750	26.3780	26.3731		–	–		26.3790	26.3770		–	–	
710	27.9528	27.9498	27.9528	27.9479	49 L	–	–	–	27.9538	27.9518	10 L	–	–	–
750	29.5276	29.5246	29.5276	29.5227	30 T	–	–	–	29.5286	29.5266	40 T	–	–	–
800	31.4961	31.4931	31.4961	31.4912		–	–		31.4971	31.4951		–	–	
850	33.4646	33.4607	33.4646	33.4591		–	–		33.4657	33.4635		–	–	
900	35.4331	35.4292	35.4331	35.4276	55 L	–	–	–	35.4342	35.4320	11 L	–	–	–
950	37.4016	37.3977	37.4016	37.3961	39 T	–	–	–	37.4027	37.4005	50 T	–	–	–
1000	39.3701	39.3662	39.3701	39.3646		–	–		39.3712	39.3690		–	–	
1060	41.7323	41.7274	41.7323	41.7258		–	–		41.7336	41.7310		–	–	
1120	44.0945	44.0896	44.0945	44.0880	65 L	–	–	–	44.0958	44.0932	13 L	–	–	–
1180	46.4567	46.4518	46.4567	46.4502	49 T	–	–	–	46.4580	46.4554	62 T	–	–	–
1250	49.2126	49.2077	49.2126	49.2061		–	–		49.2139	49.2113		–	–	

[1] Resultant fit in 0.0001 in. L indicates a clearance (loose) fit, T indicates an interference (tight) fit.

Shaft tolerances and resultant fits (inch)

Bearing bore diameter d			Resultant fits Tolerance classes js5 Shaft diameter			js6 Shaft diameter			k4 Shaft diameter			k5 Shaft diameter		
	max	min	max	min	Fit[1]	max	min	Fit[1]	max	min	Fit[1]	max	min	Fit[1]
mm	in.		in.		–	in.		–	in.		–	in.		–
4	0.1575	0.1572	0.1576	0.1574	1 L	0.1577	0.1573	2 L	0.1577	0.1575	0 T	0.1577	0.1575	0 T
5	0.1969	0.1966	0.1970	0.1968	4 T	0.1971	0.1967	5 T	0.1971	0.1969	5 T	0.1971	0.1969	5 T
6	0.2362	0.2359	0.2363	0.2361		0.2364	0.2360		0.2364	0.2362		0.2364	0.2362	
7	0.2756	0.2753	0.2757	0.2755		0.2758	0.2754		0.2758	0.2756		0.2759	0.2756	
8	0.3150	0.3147	0.3151	0.3149	1 L	0.3152	0.3148	2 L	0.3152	0.3150	0 T	0.3153	0.3150	0 T
9	0.3543	0.3540	0.3544	0.3542	4 T	0.3545	0.3541	5 T	0.3545	0.3543	5 T	0.3546	0.3543	6 T
10	0.3937	0.3934	0.3938	0.3936		0.3939	0.3935		0.3939	0.3937		0.3940	0.3937	
12	0.4724	0.4721	0.4726	0.4722	2 L	0.4726	0.4722	2 L	0.4727	0.4724	0 T	0.4728	0.4724	0 T
15	0.5906	0.5903	0.5908	0.5904	5 T	0.5908	0.5904	5 T	0.5909	0.5906	6 T	0.5910	0.5906	7 T
17	0.6693	0.6690	0.6695	0.6691		0.6695	0.6691		0.6696	0.6693		0.6697	0.6693	
20	0.7874	0.7870	0.7876	0.7872	2 L	0.7876	0.7871	3 L	0.7877	0.7874	0 T	0.7878	0.7875	1 T
25	0.9843	0.9839	0.9845	0.9841	6 T	0.9845	0.9840	6 T	0.9846	0.9843	7 T	0.9847	0.9844	8 T
30	1.1811	1.1807	1.1813	1.1809		1.1813	1.1808		1.1814	1.1811		1.1815	1.1812	
35	1.3780	1.3775	1.3782	1.3778		1.3783	1.3777		1.3783	1.3781		1.3785	1.3781	
40	1.5748	1.5743	1.5750	1.5746	2 L	1.5751	1.5745	3 L	1.5751	1.5749	1 T	1.5753	1.5749	1 T
45	1.7717	1.7712	1.7719	1.7715	7 T	1.7720	1.7714	8 T	1.7720	1.7718	8 T	1.7722	1.7718	10 T
50	1.9685	1.9680	1.9687	1.9683		1.9688	1.9682		1.9688	1.9686		1.9690	1.9686	
55	2.1654	2.1648	2.1656	2.1651		2.1658	2.1650		2.1658	2.1655		2.1660	2.1655	
60	2.3622	2.3616	2.3624	2.3619		2.3626	2.3618		2.3626	2.3623		2.3628	2.3623	
65	2.5591	2.5585	2.5593	2.5588	3 L	2.5595	2.5587	4 L	2.5595	2.5592	1 T	2.5597	2.5592	1 T
70	2.7559	2.7553	2.7561	2.7556	8 T	2.7563	2.7555	10 T	2.7563	2.7560	10 T	2.7565	2.7560	12 T
75	2.9528	2.9522	2.9530	2.9525		2.9532	2.9524		2.9532	2.9529		2.9534	2.9529	
80	3.1496	3.1490	3.1498	3.1493		3.1500	3.1492		3.1500	3.1497		3.1502	3.1497	
85	3.3465	3.3457	3.3468	3.3462		3.3469	3.3461		3.3470	3.3466		3.3472	3.3466	
90	3.5433	3.5425	3.5436	3.5430		3.5437	3.5429		3.5438	3.5434		3.5440	3.5434	
95	3.7402	3.7394	3.7405	3.7399		3.7406	3.7398		3.7407	3.7403		3.7409	3.7403	
100	3.9370	3.9362	3.9373	3.9367	3 L	3.9374	3.9366	4 L	3.9375	3.9371	1 T	3.9377	3.9371	1 T
105	4.1339	4.1331	4.1342	4.1336	11 T	4.1343	4.1335	12 T	4.1344	4.1340	13 T	4.1346	4.1340	15 T
110	4.3307	4.3299	4.3310	4.3304		4.3311	4.3303		4.3312	4.3308		4.3314	4.3308	
120	4.7244	4.7236	4.7247	4.7241		4.7248	4.7240		4.7249	4.7245		4.7251	4.7245	
130	5.1181	5.1171	5.1184	5.1177		5.1186	5.1176		5.1187	5.1182		5.1189	5.1182	
140	5.5118	5.5108	5.5121	5.5114		5.5123	5.5113		5.5124	5.5119		5.5126	5.5119	
150	5.9055	5.9045	5.9058	5.9051	4 L	5.9060	5.9050	5 L	5.9061	5.9056	1 T	5.9063	5.9056	1 T
160	6.2992	6.2982	6.2995	6.2988	13 T	6.2997	6.2987	15 T	6.2998	6.2993	16 T	6.3000	6.2993	18 T
170	6.6929	6.6919	6.6932	6.6925		6.6934	6.6924		6.6935	6.6930		6.6937	6.6930	
180	7.0866	7.0856	7.0869	7.0862		7.0871	7.0861		7.0872	7.0867		7.0874	7.0867	
190	7.4803	7.4791	7.4807	7.4799		7.4809	7.4797		7.4810	7.4805		7.4812	7.4805	
200	7.8740	7.8728	7.8744	7.8736	4 L	7.8746	7.8734	6 L	7.8747	7.8742	2 T	7.8749	7.8742	2 T
220	8.6614	8.6602	8.6618	8.6610	16 T	8.6620	8.6608	18 T	8.6621	8.6616	19 T	8.6623	8.6616	21 T
240	9.4488	9.4476	9.4492	9.4484		9.4494	9.4482		9.4495	9.4490		9.4497	9.4490	

[1] Resultant fit in 0.0001 in. L indicates a clearance (loose) fit, T indicates an interference (tight) fit.

Shaft tolerances and resultant fits (inch)

Bearing bore diameter d			Resultant fits Tolerance classes js5 Shaft diameter			js6 Shaft diameter			k4 Shaft diameter			k5 Shaft diameter		
	max	min	max	min	Fit[1]	max	min	Fit[1]	max	min	Fit[1]	max	min	Fit[1]
mm	in.		in.		–	in.		–	in.		–	in.		–
260	10.2362	10.2348	10.2366	10.2357	5 L 18 T	10.2368	10.2356	6 L 20 T	10.2370	10.2364	2 T 22 T	10.2373	10.2364	2 T 25 T
280	11.0236	11.0222	11.0240	11.0231		11.0242	11.0230		11.0244	11.0238		11.0247	11.0238	
300	11.8110	11.8096	11.8114	11.8105		11.8116	11.8104		11.8118	11.8112		11.8121	11.8112	
320	12.5984	12.5968	12.5989	12.5979	5 L 21 T	12.5991	12.5977	7 L 23 T	12.5992	12.5986	2 T 24 T	12.5995	12.5986	2 T 27 T
340	13.3858	13.3842	13.3863	13.3853		13.3865	13.3851		13.3866	13.3860		13.3869	13.3860	
360	14.1732	14.1716	14.1737	14.1727		14.1739	14.1725		14.1740	14.1734		14.1743	14.1734	
380	14.9606	14.9590	14.9611	14.9601		14.9613	14.9599		14.9614	14.9608		14.9617	14.9608	
400	15.7480	15.7464	15.7485	15.7475		15.7487	15.7473		15.7488	15.7482		15.7491	15.7482	
420	16.5354	16.5336	16.5359	16.5349	5 L 23 T	16.5362	16.5346	8 L 26 T	16.5364	16.5356	2 T 28 T	16.5367	16.5356	2 T 31 T
440	17.3228	17.3210	17.3233	17.3223		17.3236	17.3220		17.3238	17.3230		17.3241	17.3230	
460	18.1102	18.1084	18.1107	18.1097		18.1110	18.1094		18.1112	18.1104		18.1115	18.1104	
480	18.8976	18.8958	18.8981	18.8971		18.8984	18.8968		18.8986	18.8978		18.8989	18.8978	
500	19.6850	19.6832	19.6855	19.6845		19.6858	19.6842		19.6860	19.6852		19.6863	19.6852	
530	20.8661	20.8641	20.8666	20.8655	6 L 25 T	20.8669	20.8652	9 L 28 T	–	–	–	20.8673	20.8661	0 T 32 T
560	22.0472	22.0452	22.0477	22.0466		22.0480	22.0463		–	–		22.0484	22.0472	
600	23.6220	23.6200	23.6225	23.6214		23.6228	23.6211		–	–		23.6232	23.6220	
630	24.8031	24.8011	24.8036	24.8025		24.8039	24.8022		–	–		24.8043	24.8031	
670	26.3780	26.3750	26.3786	26.3774	6 L 36 T	26.3789	26.3770	10 L 39 T	–	–	–	26.3794	26.3780	0 T 44 T
710	27.9528	27.9498	27.9534	27.9522		27.9537	27.9518		–	–		27.9542	27.9528	
750	29.5276	29.5246	29.5282	29.5270		29.5285	29.5266		–	–		29.5290	29.5276	
800	31.4961	31.4931	31.4967	31.4955		31.4970	31.4951		–	–		31.4975	31.4961	
850	33.4646	33.4607	33.4653	33.4639	7 L 46 T	33.4657	33.4635	11 L 50 T	–	–	–	33.4662	33.4646	0 T 55 T
900	35.4331	35.4292	35.4338	35.4324		35.4342	35.4320		–	–		35.4347	35.4331	
950	37.4016	37.3977	37.4023	37.4009		37.4027	37.4005		–	–		37.4032	37.4016	
1000	39.3701	39.3662	39.3708	39.3694		39.3712	39.3690		–	–		39.3717	39.3701	
1060	41.7323	41.7274	41.7331	41.7315	8 L 57 T	41.7336	41.7310	13 L 62 T	–	–	–	41.7341	41.7323	0 T 67 T
1120	44.0945	44.0896	44.0953	44.0937		44.0958	44.0932		–	–		44.0963	44.0945	
1180	46.4567	46.4518	46.4575	46.4559		46.4580	46.4554		–	–		46.4585	46.4567	
1250	49.2126	49.2077	49.2134	49.2118		49.2139	49.2113		–	–		49.2144	49.2126	

[1] Resultant fit in 0.0001 in. L indicates a clearance (loose) fit, T indicates an interference (tight) fit.

Shaft tolerances and resultant fits (inch)

Bearing bore diameter d			Resultant fits Tolerance classes k6 Shaft diameter			m5 Shaft diameter			m6 Shaft diameter			n5 Shaft diameter		
	max	min	max	min	Fit[1]	max	min	Fit[1]	max	min	Fit[1]	max	min	Fit[1]
mm	in.		in.		–	in.		–	in.		–	in.		–
4	0.1575	0.1572	0.1579	0.1575	0 T	0.1579	0.1577	2 T	0.1580	0.1577	2 T	0.1580	0.1578	3 T
5	0.1969	0.1966	0.1973	0.1969	7 T	0.1973	0.1971	7 T	0.1974	0.1971	8 T	0.1974	0.1972	8 T
6	0.2362	0.2359	0.2366	0.2362		0.2366	0.2364		0.2367	0.2364		0.2367	0.2365	
7	0.2756	0.2753	0.2760	0.2756		0.2761	0.2758		0.2762	0.2758		0.2762	0.2760	
8	0.3150	0.3147	0.3154	0.3150	0 T	0.3155	0.3152	2 T	0.3156	0.3152	2 T	0.3156	0.3154	4 T
9	0.3543	0.3540	0.3547	0.3543	7 T	0.3548	0.3545	8 T	0.3549	0.3545	9 T	0.3549	0.3547	9 T
10	0.3937	0.3934	0.3941	0.3937		0.3942	0.3939		0.3943	0.3939		0.3943	0.3941	
12	0.4724	0.4721	0.4729	0.4724	0 T	0.4730	0.4727	3 T	0.4731	0.4727	3 T	0.4732	0.4729	5 T
15	0.5906	0.5903	0.5911	0.5906	8 T	0.5912	0.5909	9 T	0.5913	0.5909	10 T	0.5914	0.5911	11 T
17	0.6693	0.6690	0.6698	0.6693		0.6699	0.6696		0.6700	0.6696		0.6701	0.6698	
20	0.7874	0.7870	0.7880	0.7875	1 T	0.7881	0.7877	3 T	0.7882	0.7877	3 T	0.7883	0.7880	6 T
25	0.9843	0.9839	0.9849	0.9844	10 T	0.9850	0.9846	11 T	0.9851	0.9846	12 T	0.9852	0.9849	13 T
30	1.1811	1.1807	1.1817	1.1812		1.1818	1.1814		1.1819	1.1814		1.1820	1.1817	
35	1.3780	1.3775	1.3787	1.3781		1.3788	1.3784		1.3790	1.3784		1.3791	1.3787	
40	1.5748	1.5743	1.5755	1.5749	1 T	1.5756	1.5752	4 T	1.5758	1.5752	4 T	1.5759	1.5755	7 T
45	1.7717	1.7712	1.7724	1.7718	12 T	1.7725	1.7721	13 T	1.7727	1.7721	15 T	1.7728	1.7724	16 T
50	1.9685	1.9680	1.9692	1.9686		1.9693	1.9689		1.9695	1.9689		1.9696	1.9692	
55	2.1654	2.1648	2.1662	2.1655		2.1663	2.1658		2.1666	2.1658		2.1667	2.1662	
60	2.3622	2.3616	2.3630	2.3623		2.3631	2.3626		2.3634	2.3626		2.3635	2.3630	
65	2.5591	2.5585	2.5599	2.5592	1 T	2.5600	2.5595	4 T	2.5603	2.5595	4 T	2.5604	2.5599	8 T
70	2.7559	2.7553	2.7567	2.7560	14 T	2.7568	2.7563	15 T	2.7571	2.7563	18 T	2.7572	2.7567	19 T
75	2.9528	2.9522	2.9536	2.9529		2.9537	2.9532		2.9540	2.9532		2.9541	2.9536	
80	3.1496	3.1490	3.1504	3.1497		3.1505	3.1500		3.1508	3.1500		3.1509	3.1504	
85	3.3465	3.3457	3.3475	3.3466		3.3476	3.3470		3.3479	3.3470		3.3480	3.3474	
90	3.5433	3.5425	3.5443	3.5434		3.5444	3.5438		3.5447	3.5438		3.5448	3.5442	
95	3.7402	3.7394	3.7412	3.7403		3.7413	3.7407		3.7416	3.7407		3.7417	3.7411	
100	3.9370	3.9362	3.9380	3.9371	1 T	3.9381	3.9375	5 T	3.9384	3.9375	5 T	3.9385	3.9379	9 T
105	4.1339	4.1331	4.1349	4.1340	18 T	4.1350	4.1344	19 T	4.1353	4.1344	22 T	4.1354	4.1348	23 T
110	4.3307	4.3299	4.3317	4.3308		4.3318	4.3312		4.3321	4.3312		4.3322	4.3316	
120	4.7244	4.7236	4.7254	4.7245		4.7255	4.7249		4.7258	4.7249		4.7259	4.7253	
130	5.1181	5.1171	5.1192	5.1182		5.1194	5.1187		5.1197	5.1187		5.1199	5.1192	
140	5.5118	5.5108	5.5129	5.5119		5.5131	5.5124		5.5134	5.5124		5.5136	5.5129	
150	5.9055	5.9045	5.9066	5.9056	1 T	5.9068	5.9061	6 T	5.9071	5.9061	6 T	5.9073	5.9066	11 T
160	6.2992	6.2982	6.3003	6.2993	21 T	6.3005	6.2998	23 T	6.3008	6.2998	26 T	6.3010	6.3003	28 T
170	6.6929	6.6919	6.6940	6.6930		6.6942	6.6935		6.6945	6.6935		6.6947	6.6940	
180	7.0866	7.0856	7.0877	7.0867		7.0879	7.0872		7.0882	7.0872		7.0884	7.0877	
190	7.4803	7.4791	7.4815	7.4805		7.4818	7.4810		7.4821	7.4810		7.4823	7.4815	
200	7.8740	7.8728	7.8753	7.8742	2 T	7.8755	7.8747	7 T	7.8758	7.8747	7 T	7.8760	7.8752	12 T
220	8.6614	8.6602	8.6627	8.6616	25 T	8.6629	8.6621	27 T	8.6632	8.6621	30 T	8.6634	8.6626	32 T
240	9.4488	9.4476	9.4501	9.4490		9.4503	9.4495		9.4506	9.4495		9.4508	9.4500	

[1] Resultant fit in 0.0001 in. L indicates a clearance (loose) fit, T indicates an interference (tight) fit.

Shaft tolerances and resultant fits (inch)

Bearing bore diameter d			Resultant fits Tolerance classes k6 Shaft diameter			m5 Shaft diameter			m6 Shaft diameter			n5 Shaft diameter		
	max	min	max	min	Fit[1]	max	min	Fit[1]	max	min	Fit[1]	max	min	Fit[1]
mm	in.		in.		–	in.		–	in.		–	in.		–
260	10.2362	10.2348	10.2376	10.2364	2 T	10.2379	10.2370	8 T	10.2382	10.2370	8 T	10.2384	10.2375	13 T
280	11.0236	11.0222	11.0250	11.0238	28 T	11.0253	11.0244	31 T	11.0256	11.0244	34 T	11.0258	11.0249	36 T
300	11.8110	11.8096	11.8124	11.8112		11.8127	11.8118		11.8130	11.8118		11.8132	11.8123	
320	12.5984	12.5968	12.6000	12.5986		12.6002	12.5992		12.6006	12.5992		12.6008	12.5999	
340	13.3858	13.3842	13.3874	13.3860	2 T	13.3876	13.3866	8 T	13.3880	13.3866	8 T	13.3882	13.3873	15 T
360	14.1732	14.1716	14.1748	14.1734	32 T	14.1750	14.1740	34 T	14.1754	14.1740	38 T	14.1756	14.1747	40 T
380	14.9606	14.9590	14.9622	14.9608		14.9624	14.9614		14.9628	14.9614		14.9630	14.9621	
400	15.7480	15.7464	15.7496	15.7482		15.7498	15.7488		15.7502	15.7488		15.7504	15.7495	
420	16.5354	16.5336	16.5372	16.5356		16.5374	16.5363		16.5379	16.5363		16.5380	16.5370	
440	17.3228	17.3210	17.3246	17.3230	2 T	17.3248	17.3237	9 T	17.3253	17.3237	9 T	17.3254	17.3244	16 T
460	18.1102	18.1084	18.1120	18.1104	36 T	18.1122	18.1111	38 T	18.1127	18.1111	43 T	18.1128	18.1118	44 T
480	18.8976	18.8958	18.8994	18.8978		18.8996	18.8985		18.9001	18.8985		18.9002	18.8992	
500	19.6850	19.6832	19.6868	19.6852		19.6870	19.6859		19.6875	19.6859		19.6876	19.6866	
530	20.8661	20.8641	20.8678	20.8661		20.8683	20.8671		–	–		20.8689	20.8678	
560	22.0472	22.0452	22.0489	22.0472	0 T	22.0494	22.0482	10 T	–	–	–	22.0500	22.0489	17 T
600	23.6220	23.6200	23.6237	23.6220	37 T	23.6242	23.6230	42 T	–	–	–	23.6248	23.6237	48 T
630	24.8031	24.8011	24.8048	24.8031		24.8053	24.8041		–	–		24.8059	24.8048	
670	26.3780	26.3750	26.3799	26.3780		26.3806	26.3792		–	–		26.3812	26.3800	
710	27.9528	27.9498	27.9547	27.9528	0 T	27.9554	27.9540	12 T	–	–	–	27.9560	27.9548	20 T
750	29.5276	29.5246	29.5295	29.5276	49 T	29.5302	29.5288	56 T	–	–	–	29.5308	29.5296	62 T
800	31.4961	31.4931	31.4980	31.4961		31.4987	31.4973		–	–		31.4993	31.4981	
850	33.4646	33.4607	33.4668	33.4646		33.4675	33.4659		–	–		33.4683	33.4668	
900	35.4331	35.4292	35.4353	35.4331	0 T	35.4360	35.4344	13 T	–	–	–	35.4368	35.4353	22 T
950	37.4016	37.3977	37.4038	37.4016	61 T	37.4045	37.4029	68 T	–	–	–	37.4053	37.4038	76 T
1 000	39.3701	39.3662	39.3723	39.3701		39.3730	39.3714		–	–		39.3738	39.3723	
1 060	41.7323	41.7274	41.7349	41.7323		41.7357	41.7339		–	–		41.7366	41.7349	
1 120	44.0945	44.0896	44.0971	44.0945	0 T	44.0979	44.0961	16 T	–	–	–	44.0988	44.0971	26 T
1 180	46.4567	46.4518	46.4593	46.4567	75 T	46.4601	46.4583	83 T	–	–	–	46.4610	46.4593	92 T
1 250	49.2126	49.2077	49.2152	49.2126		49.2160	49.2142		–	–		49.2169	49.2152	

[1] Resultant fit in 0.0001 in. L indicates a clearance (loose) fit, T indicates an interference (tight) fit.

Shaft tolerances and resultant fits (inch)

Bearing bore diameter			Resultant fits Tolerance classes												
d			n6			p6			r6			r7			
	Shaft diameter				Fit[1]	Shaft diameter		Fit[1]	Shaft diameter		Fit[1]	Shaft diameter		Fit[1]
	max	min	max	min		max	min		max	min		max	min	
mm	in.		in.		–	in.		–	in.		–	in.		–
4	0.1575	0.1572	0.1581	0.1578	3 T	–	–		–	–		–	–	
5	0.1969	0.1966	0.1975	0.1972	9 T	–	–	–	–	–	–	–	–	–
6	0.2362	0.2359	0.2368	0.2365		–	–	–	–	–	–	–	–	–
7	0.2756	0.2753	0.2763	0.2760		–	–		–	–		–	–	
8	0.3150	0.3147	0.3157	0.3154	4 T	–	–	–	–	–	–	–	–	–
9	0.3543	0.3540	0.3550	0.3547	10 T	–	–	–	–	–	–	–	–	–
10	0.3937	0.3934	0.3944	0.3941		–	–		–	–		–	–	
12	0.4724	0.4721	0.4733	0.4729	5 T	–	–		–	–		–	–	
15	0.5906	0.5903	0.5915	0.5911	12 T	–	–	–	–	–	–	–	–	–
17	0.6693	0.6690	0.6702	0.6698		–	–	–	–	–	–	–	–	–
20	0.7874	0.7870	0.7885	0.7880	6 T	–	–		–	–		–	–	
25	0.9843	0.9839	0.9854	0.9849	15 T	–	–	–	–	–	–	–	–	–
30	1.1811	1.1807	1.1822	1.1817		–	–	–	–	–	–	–	–	–
35	1.3780	1.3775	1.3793	1.3787		–	–		–	–		–	–	
40	1.5748	1.5743	1.5761	1.5755	7 T	–	–	–	–	–	–	–	–	–
45	1.7717	1.7712	1.7730	1.7724	18 T	–	–	–	–	–	–	–	–	–
50	1.9685	1.9680	1.9698	1.9692		–	–		–	–		–	–	
55	2.1654	2.1648	2.1669	2.1662		–	–		–	–		–	–	
60	2.3622	2.3616	2.3637	2.3630		–	–		–	–		–	–	
65	2.5591	2.5585	2.5606	2.5599	8 T	–	–	–	–	–	–	–	–	–
70	2.7559	2.7553	2.7574	2.7567	21 T	–	–	–	–	–	–	–	–	–
75	2.9528	2.9522	2.9543	2.9536		–	–		–	–		–	–	
80	3.1496	3.1490	3.1511	3.1504		–	–		–	–		–	–	
85	3.3465	3.3457	3.3483	3.3474		3.3488	3.3480		–	–		–	–	
90	3.5433	3.5425	3.5451	3.5442		3.5456	3.5448		–	–		–	–	
95	3.7402	3.7394	3.7420	3.7411	9 T	3.7425	3.7417	15 T	–	–		–	–	
100	3.9370	3.9362	3.9388	3.9379	26 T	3.9393	3.9385	31 T	–	–	–	–	–	–
105	4.1339	4.1331	4.1357	4.1348		4.1362	4.1354		–	–		–	–	
110	4.3307	4.3299	4.3325	4.3316		4.3330	4.3322		–	–		–	–	
120	4.7244	4.7236	4.7262	4.7253		4.7267	4.7259		–	–		–	–	
130	5.1181	5.1171	5.1201	5.1192		5.1208	5.1198		5.1216	5.1207		–	–	
140	5.5118	5.5108	5.5138	5.5129		5.5145	5.5135		5.5153	5.5144		–	–	
150	5.9055	5.9045	5.9075	5.9066	11 T	5.9082	5.9072	17 T	5.9090	5.9081	26 T	–	–	–
160	6.2992	6.2982	6.3012	6.3003	30 T	6.3019	6.3009	37 T	6.3027	6.3018	45 T	–	–	–
170	6.6929	6.6919	6.6949	6.6940		6.6956	6.6946		6.6964	6.6955		–	–	
180	7.0866	7.0856	7.0886	7.0877		7.0893	7.0883		7.0901	7.0892		–	–	
190	7.4803	7.4791	7.4827	7.4815		7.4834	7.4823		7.4845	7.4833	30 T	–	–	–
200	7.8740	7.8728	7.8764	7.8752	12 T	7.8771	7.8760	20 T	7.8782	7.8770	54 T	–	–	–
220	8.6614	8.6602	8.6638	8.6626	36 T	8.6645	8.6634	43 T	8.6657	8.6645	31T/55 T	8.6664	8.6645	31T/62 T
240	9.4488	9.4476	9.4512	9.4500		9.4519	9.4508		9.4532	9.4521	33 T	9.4539	9.4521	33 T

[1] Resultant fit in 0.0001 in. L indicates a clearance (loose) fit, T indicates an interference (tight) fit.

Shaft tolerances and resultant fits (inch)

Bearing bore diameter d			Resultant fits Tolerance classes n6			p6			r6			r7		
			Shaft diameter		Fit[1]	Shaft diameter		Fit[1]	Shaft diameter		Fit[1]	Shaft diameter		Fit[1]
	max	min	max	min		max	min		max	min		max	min	
mm	in.		in.		–	in.		–	in.		–	in.		–
260	10.2362	10.2348	10.2388	10.2375	13 T	10.2397	10.2384	22 T	10.2412	10.2399	37 T	10.2419	10.2399	37 T
280	11.0236	11.0222	11.0262	11.0249	40 T	11.0271	11.0258	49 T	11.0286	11.0273	64 T	11.0293	11.0273	71 T
300	11.8110	11.8096	11.8136	11.8123		11.8145	11.8132		11.8161	11.8149	39T/65T	11.8169	11.8149	39T/73T
320	12.5984	12.5968	12.6013	12.5999		12.6023	12.6008		12.6041	12.6027	43 T	12.6049	12.6027	43 T
340	13.3858	13.3842	13.3887	13.3873	15 T	13.3897	13.3882	24 T	13.3915	13.3901	73 T	13.3923	13.3901	81 T
360	14.1732	14.1716	14.1761	14.1747	45 T	14.1771	14.1756	55 T	14.1791	14.1777	45 T	14.1799	14.1777	45 T
380	14.9606	14.9590	14.9635	14.9621		14.9645	14.9630		14.9665	14.9651	75 T	14.9673	14.9651	83 T
400	15.7480	15.7464	15.7509	15.7495		15.7519	15.7504		15.7539	15.7525		15.7547	15.7525	
420	16.5354	16.5336	16.5385	16.5370		16.5397	16.5381		16.5419	16.5404	50 T	16.5428	16.5404	50 T
440	17.3228	17.3210	17.3259	17.3244	16 T	17.3271	17.3255	27 T	17.3293	17.3278	83 T	17.3302	17.3278	92 T
460	18.1102	18.1084	18.1133	18.1118	49 T	18.1145	18.1129	61 T	18.1170	18.1154	52 T	18.1179	18.1154	52 T
480	18.8976	18.8958	18.9007	18.8992		18.9019	18.9003		18.9044	18.9028	86 T	18.9053	18.9028	95 T
500	19.6850	19.6832	19.6881	19.6866		19.6893	19.6877		19.6918	19.6902		19.6927	19.6902	
530	20.8661	20.8641	20.8696	20.8678		20.8709	20.8692		20.8737	20.8720	59 T	20.8748	20.8720	59 T
560	22.0472	22.0452	22.0507	22.0489	17 T	22.0520	22.0503	31 T	22.0548	22.0531	96 T	22.0559	22.0531	107 T
600	23.6220	23.6200	23.6255	23.6237	55 T	23.6268	23.6251	68 T	23.6298	23.6281	61 T	23.6309	23.6281	61 T
630	24.8031	24.8011	24.8066	24.8048		24.8079	24.8062		24.8109	24.8092	98 T	24.8120	24.8092	109 T
670	26.3780	26.3750	26.3819	26.3800		26.3834	26.3815		26.3869	26.3849	69 T	26.3880	26.3848	68 T
710	27.9528	27.9498	27.9567	27.9548	20 T	27.9582	27.9563	35 T	27.9617	27.9597	119 T	27.9628	27.9596	130 T
750	29.5276	29.5246	29.5315	29.5296	69 T	29.5330	29.5311	84 T	29.5369	29.5349	73T	29.5380	29.5349	73T
800	31.4961	31.4931	31.5000	31.4981		31.5015	31.4996		31.5054	31.5034	123T	31.5065	31.5034	134T
850	33.4646	33.4607	33.4690	33.4668		33.4707	33.4685		33.4751	33.4729	83 T	33.4764	33.4729	83 T
900	35.4331	35.4292	35.4375	35.4353	22 T	35.4392	35.4370	39 T	35.4436	35.4414	144 T	35.4449	35.4414	157 T
950	37.4016	37.3977	37.4060	37.4038	83 T	37.4077	37.4055	100 T	37.4125	37.4103	87 T	37.4138	37.4103	87 T
1000	39.3701	39.3662	39.3745	39.3723		39.3762	39.3740		39.3810	39.3788	148 T	39.3823	39.3788	161 T
1060	41.7323	41.7274	41.7375	41.7349		41.7396	41.7370		41.7447	41.7421	98 T	41.7463	41.7421	98 T
1120	44.0945	44.0896	44.0997	44.0971	26 T	44.1018	44.0992	47 T	44.1069	44.1043	173 T	44.1085	44.1043	189 T
1180	46.4567	46.4518	46.4619	46.4593	101 T	46.4640	46.4614	122 T	46.4695	46.4669	102 T	46.4711	46.4669	102 T
1250	49.2126	49.2077	49.2178	49.2152		49.2199	49.2173		49.2254	49.2226	177 T	49.2270	49.2228	193 T

[1] Resultant fit in 0.0001 in. L indicates a clearance (loose) fit, T indicates an interference (tight) fit.

Shaft tolerances and resultant fits (inch)

Bearing bore diameter d			Resultant fits Tolerance classes $s6_{min}$ ± IT6/2 Shaft diameter			$s7_{min}$ ± IT7/2 Shaft diameter		
	max	min	max	min	Fit[1]	max	min	Fit[1]
mm	in.		in.		–	in.		–
200	7.8740	7.8728	7.8797	7.8785	45 T	7.8800	7.8782	42 T
220	8.6614	8.6602	8.6671	8.6659	69 T	8.6674	8.6656	72 T
240	9.4488	9.4476	9.4549	9.4537	49 T/73 T	9.4552	9.4534	46 T/76 T
260	10.2362	10.2348	10.2431	10.2418	56 T	10.2435	10.2414	52 T
280	11.0236	11.0222	11.0305	11.0292	83 T	11.0309	11.0288	87 T
300	11.8110	11.8096	11.8183	11.8171	61 T/87 T	11.8187	11.8167	57 T/91 T
320	12.5984	12.5968	12.6066	12.6052	68 T	12.6070	12.6048	64 T
340	13.3858	13.3842	13.3940	13.3926	98 T	13.3944	13.3922	102 T
360	14.1732	14.1716	14.1821	14.1807	75 T	14.1825	14.1803	71 T
380	14.9606	14.9590	14.9695	14.9681	105 T	14.9699	14.9677	109 T
400	15.7480	15.7464	15.7569	15.7555		15.7573	15.7551	
420	16.5354	16.5336	16.5454	16.5438	84 T	16.5458	16.5433	79 T
440	17.3228	17.3210	17.3328	17.3312	118 T	17.3332	17.3307	122 T
460	18.1102	18.1084	18.1209	18.1194	92 T	18.1214	18.1189	87 T
480	18.8976	18.8958	18.9083	18.9068	125 T	18.9088	18.9063	130 T
500	19.6850	19.6832	19.6957	19.6942		19.6962	19.6937	
530	20.8661	20.8641	20.8780	20.8763	102 T	20.8785	20.8758	97 T
560	22.0472	22.0452	22.0591	22.0574	139 T	22.0596	22.0569	144 T
600	23.6220	23.6200	23.6351	23.6334	114 T	23.6356	23.6329	109 T
630	24.8031	24.8011	24.8162	24.8145	151 T	24.8167	24.8140	156 T
670	26.3780	26.3750	26.3923	26.3904	124 T	26.3929	26.3898	118 T
710	27.9528	27.9498	27.9671	27.9652	173 T	27.9677	27.9646	179 T
750	29.5276	29.5246	29.5435	29.5415	139 T	29.5441	29.5409	133 T
800	31.4961	31.4931	31.5120	31.5100	189 T	31.5126	31.5094	195 T
850	33.4646	33.4607	33.4826	33.4804	158 T	33.4833	33.4797	151 T
900	35.4331	35.4292	35.4511	35.4489	219 T	35.4518	35.4482	226 T
950	37.4016	37.3977	37.4212	37.4190	174 T	37.4219	37.4183	167 T
1 000	39.3701	39.3662	39.3897	39.3875	235 T	39.3904	39.3868	242 T
1 060	41.7323	41.7274	41.7541	41.7515	192 T	41.7548	41.7507	184 T
1 120	44.0945	44.0896	44.1163	44.1137	267 T	44.1170	44.1129	274 T
1 180	46.4567	46.4518	46.4808	46.4782	215 T	46.4816	46.4774	207 T
1 250	49.2126	49.2077	49.2367	49.2341	290 T	49.2375	49.2333	298 T

[1] Resultant fit in 0.0001 in. L indicates a clearance (loose) fit, T indicates an interference (tight) fit.