

The most common tolerance zones in μm

Nominal diameter in mm		A		B				C			
over	to	9	11	8	9	10	11	8	9	10	11
0	3	+295	+330	+154	+165	+180	+200	+74	+85	+100	+120
		+270	+270	+140	+140	+140	+140	+60	+60	+60	+60
3	6	+300	+345	+158	+170	+188	+215	+88	+100	+118	+145
		+270	+270	+140	+140	+140	+140	+70	+70	+70	+70
6	10	+316	+370	+172	+186	+208	+240	+102	+116	+138	+170
		+280	+280	+150	+150	+150	+150	+80	+80	+80	+80
10	18	+333	+400	+177	+193	+220	+260	+122	+138	+165	+205
		+290	+290	+150	+150	+150	+150	+95	+95	+95	+95
18	30	+352	+430	+193	+212	+244	+290	+143	+162	+194	+240
		+300	+300	+160	+160	+160	+160	+110	+110	+110	+110
30	40	+372	+470	+209	+232	+270	+330	+159	+182	+220	+280
		+310	+310	+170	+170	+170	+170	+120	+120	+120	+120
40	50	+382	+480	+219	+242	+280	+340	+169	+192	+230	+290
		+320	+320	+180	+180	+180	+180	+130	+130	+130	+130
50	65	+414	+530	+236	+264	+310	+380	+186	+214	+260	+330
		+340	+340	+190	+190	+190	+190	+140	+140	+140	+140
65	80	+434	+550	+246	+274	+320	+390	+196	+224	+270	+340
		+360	+360	+200	+200	+200	+200	+150	+150	+150	+150
80	100	+467	+600	+274	+307	+360	+440	+224	+257	+310	+390
		+380	+380	+220	+220	+220	+220	+170	+170	+170	+170
100	120	+497	+630	+294	+327	+380	+460	+234	+267	+320	+400
		+410	+410	+240	+240	+240	+240	+180	+180	+180	+180

Nominal diameter in mm		D					E			F			
over	to	8	9	10	11	12	7	8	9	6	7	8	9
0	3	+34	+45	+60	+80	+120	+24	+28	+39	+12	16	+20	+31
		+20	+20	+20	+20	+20	+14	+14	+14	+6	+6	+6	+6
3	6	+48	+60	+78	+105	+150	+32	+38	+50	+18	+22	+28	+40
		+30	+30	+30	+30	+30	+20	+20	+20	+10	+10	+10	+10
6	10	+62	+76	+98	+130	+190	+40	+47	+61	+22	+28	+35	+49
		+40	+40	+40	+40	+40	+25	+25	+25	+13	+13	+13	+13
10	18	+77	+93	+120	+160	+230	+50	+59	+75	+27	+34	+43	+59
		+50	+50	+50	+50	+50	+32	+32	+32	+16	+16	+16	+16
18	30	+98	+117	+149	+195	+275	+61	+73	+92	+33	+41	+53	+72
		+65	+65	+65	+65	+65	+40	+40	+40	+20	+20	+20	+20
30	50	+119	+142	+180	+240		+75	+89	+112	+41	+50	+64	+87
		+80	+80	+80	+80		+50	+50	+50	+25	+25	+25	+25
50	80	+146	+174	+220	+290		+90	+106	+134	+49	+60	+76	+104
		+100	+100	+100	+100		+60	+60	+60	+30	+30	+30	+30
80	120	+174	+207	+260	+340		+107	+126	+159	+58	+71	+90	+123
		+120	+120	+120	+120		+72	+72	+72	+36	+36	+36	+36
120	180							+148					
								+85					
180	250							+172					
								+100					

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Nominal diameter in mm over to	G		H								J		
	6	7	6	7	8	9	10	11	12	6	7	8	
0 3	+8	+12	+6	+10	+14	+25	+40	+60	+100	+2	+4	+6	
	+2	+2	0	0	0	0	0	0	0	-4	-6	-8	
3 6	+12	+16	+8	+12	+18	+30	+48	+75	+120	+5	+6	+10	
	+4	+4	0	0	0	0	0	0	0	-3	-6	-8	
6 10	+14	+20	+9	+15	+22	+36	+58	+90	+150	+5	+8	+12	
	+5	+5	0	0	0	0	0	0	0	-4	-7	-10	
10 18	+17	+24	+11	+18	+27	+43	+70	+110	+180	+6	+10	+15	
	+6	+6	0	0	0	0	0	0	0	-5	-8	-12	
18 30	+20	+28	+13	+21	+33	+52	+84	+130	+210	+8	+12	+20	
	+7	+7	0	0	0	0	0	0	0	-5	-9	-13	
30 50	+25	+34	+16	+25	+39	+62	+100	+160	+250	+10	+14	+24	
	+9	+9	0	0	0	0	0	0	0	-6	-11	-15	
50 80	+29	+40	+19	+30	+46	+74	+120	+190	+300	+13	+18	+28	
	+10	+10	0	0	0	0	0	0	0	-6	-12	-18	
80 120	+34	+47	+22	+35	+54	+87	+140	+220	+350	+16	+22	+34	
	+12	+12	0	0	0	0	0	0	0	-6	-13	-20	
120 180		+54	+25	+40	+63	+100	+160	+250		+18	+26	+41	
		+14	0	0	0	0	0	0		-7	-14	-22	
180 250		+61	+29	+46	+72	+115	+185	+290		+22	+30	+47	
		+15	0	0	0	0	0	0		-7	-16	-25	

Nominal diameter in mm over to	JS				K			M		
	6	7	8	9	6	7	8	6	7	8
0 3	+3	+5	+7	+12,5	0	0	0	-2	-2	-4
	-3	-5	-7	-12,5	-6	-10	-14	-8	-12	-18
3 6	+4	+6	+9	+15	+2	+3	+5	-1	0	+2
	-4	-6	-9	-15	-6	-9	-13	-9	-12	-16
6 10	+4.5	+7.5	+11	+18	+2	+5	+6	-3	0	+1
	-4.5	-7.5	-11	-18	-7	-10	-16	-12	-21	-21
10 18	+5.5	+9	+13.5	+21.5	+2	+6	+8	-4	0	+2
	-5.5	-9	-13.5	-21.5	-9	-12	-19	-15	-18	-25
18 30	+6.5	+10.5	+16.5	+26	+2	+6	+10	-4	0	+4
	-6.5	-10.5	-16.5	-26	-11	-15	-23	-17	-21	-29
30 50	+8	+12.5	+19.5	+31	+3	+7	+12	-4	0	+5
	-8	-12.5	-19.5	-31	-13	-18	-27	-20	-25	-34
50 80	+9.5	+15	+23	+37	+4	+9	+14	-5	0	+5
	-9.5	-15	-23	-37	-15	-21	-32	-24	-30	-41
80 120	+11	+17.5	+27	+43.5	+4	+10	+16	-6	0	+6
	-11	-17.5	-27	-43.5	-18	-25	-38	-28	-35	-48
120 180					+4	+12				
					-21	-28				
180 250					+5	+13				
					-24	-33				

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Nominal diameter in mm		N						P			R	
over	to	6	7	8	9	10	11	6	7	9	6	7
0	3	-4	-4	-4	-4	-4	-4	-6	-6	-6	-10	-10
		-10	-14	-8	-29	-44	-64	-12	-16	-31	-16	-20
3	6	-5	-4	-2	0	0	0	-9	-8	-12	-12	-11
		-13	-16	-20	-30	-48	-75	-17	-20	-42	-20	-23
6	10	-7	-4	-3	0	0	0	-12	-9	-15	-16	-13
		-16	-19	-25	-36	-58	-90	-21	-24	-51	-25	-28
10	18	-9	-5	-3	0	0	0	-15	-11	-18	-20	-16
		-20	-23	-30	-43	-70	-110	-26	-29	-61	-31	-34
18	30	-11	-7	-3	0	0	0	-18	-14	-22	-24	-20
		-24	-28	-36	-52	-84	-130	-31	-35	-74	-37	-41
30	50	-12	-8	-3	0	0	0	-21	-17	-26	-29	-25
		-28	-33	-42	-62	-100	-160	-37	-42	-88	-45	-50
50	65	-14	-9	-4	0	0	0	-26	-21	-32	-35	-30
		-33	-39	-50	-74	-120	-190	-45	-51	-106	-54	-60
65	80	-14	-9	-4	0	0	0	-26	-21	-32	-37	-32
		-33	-39	-50	-74	-120	-190	-45	-51	-106	-56	-62
80	100	-16	-10	-4	0	0	0	-30	-24	-37	-44	-38
		-38	-45	-58	-87	-140	-220	-52	-59	-124	-66	-73
100	120	-16	-10	-4	0	0	0	-30	-24	-37	-47	-41
		-38	-45	-58	-87	-140	-220	-52	-59	-124	-69	-76

Nominal diameter in mm		S		T	U			X		Z	
over	to	6	7	6	6	7	10	10	11	10	11
0	3	-14	-14	-18	-18	-18	-18	-20	-20	-26	-26
		-20	-24	-24	-24	-28	-58	-60	-80	-66	-86
3	6	-16	-15	-20	-20	-19	-23	-28	-28	-35	-35
		-24	-27	-28	-28	-31	-71	-76	-103	-83	-110
6	10	-20	-17	-25	-25	-22	-28	-34	-34	-42	-42
		-29	-32	-34	-34	-37	-86	-92	-124	-100	-132
10	14	-25	-21	-30	-30	-26	-33	-40	-40	-50	-50
		-36	-39	-41	-41	-44	-103	-110	-150	-120	-160
14	18	-25	-21	-30	-30	-26	-33	-45	-45	-60	-60
		-36	-39	-41	-41	-44	-103	-115	-155	-130	-170
18	24	-31	-27	-37	-37	-33	-41	-54	-54	-73	-73
		-44	-48	-50	-50	-54	-125	-138	-184	-157	-203
24	30	-31	-27	-37	-44	-40	-48	-64	-64	-88	-88
		-44	-48	-50	-57	-61	-132	-148	-194	-172	-218
30	40	-38	-34	-43	-55	-51	-60	-80	-80	-112	-112
		-54	-59	-59	-71	-76	-160	-180	-240	-212	-272
40	50	-38	-34	-49	-65	-61	-70	-97	-97	-136	-136
		-54	-59	-65	-81	-86	-170	-197	-257	-236	-296
50	65	-47	-42	-60	-81	-76	-87	-122	-122	-172	-172
		-66	-72	-79	-100	-106	-207	-242	-312	-292	-362
65	80	-53	-48	-69	-96	-91	-102	-146	-146	-210	-210
		-72	-78	-88	-115	-121	-222	-266	-336	-330	-400
80	100	-64	-58	-84	-117	-111	-124	-178	-178	-258	-258
		-86	-93	-106	-139	-146	-264	-318	-398	-398	-478
100	120	-72	-66	-97	-137	-131	-144	-210	-210	-310	-310
		-94	-101	-119	-159	-166	-284	-350	-430	-450	-530