

# ISO-Toleranzen für Wellen und Bohrungen

Bei den international verwendeten ISO-Toleranzen werden die Grösse der Toleranz und ihre Lage zur Nulllinie durch die Toleranzklasse angegeben. Der Buchstabe gibt das Grundabmaß, die Zahl den Toleranzgrad an. Obere und untere Abmaße in Mikrometer (0.001 mm).

Ø von	3	6	10	18	30	40	50	65	80	100	120	140	160	180	200	225	250	280	315	355																																																																																																																																																																																				
bis inkl.	6	10	18	30	40	50	65	80	100	120	140	160	180	200	225	250	280	315	355	400																																																																																																																																																																																				
Toleranzen für Wellen	f6	-10	-13	-16	-20	-25	-30	-36	-43	-50	-56	-62	f7	-10	-13	-16	-20	-25	-30	-36	-43	-50	-56	-62	g6	-4	-5	-6	-7	-9	-10	-12	-14	-15	-17	-18	g7	-4	-5	-6	-7	-9	-10	-12	-14	-15	-17	-18	h6	0	0	0	0	0	0	0	0	0	0	0	h7	0	0	0	0	0	0	0	0	0	0	0	js13	+90	+110	+135	+165	+195	+230	+270	+315	+360	+405	+445	m5	+9	+12	+15	+17	+20	+24	+28	+33	+37	+43	+46	m6	+12	+15	+18	+21	+25	+30	+35	+40	+46	+52	+57	m7	+16	+21	+25	+29	+34	+41	+48	+55	+63	+72	+78	r6	+23	+28	+34	+41	+50	+60	+62	+73	+76	+88	+90	+93	+106	+109	+113	+126	+130	+144	+150	r7	+27	+34	+41	+49	+50	+71	+73	+86	+89	+103	+105	+108	+123	+126	+130	+146	+150	+165	+171	s6	+27	+32	+39	+48	+59	+72	+78	+93	+101	+117	+125	+133	+151	+159	+169	+190	+202	+226	+244	s7	+31	+38	+46	+56	+68	+83	+89	+106	+114	+132	+140	+148	+168	+176	+186	+210	+222	+247	+265
		-18	-22	-27	-33	-41	-49	-58	-68	-79	-88	-98		-22	-28	-34	-41	-50	-60	-71	-83	-96	-108	-119		-12	-14	-17	-20	-25	-29	-34	-39	-44	-49	-54		-16	-20	-24	-28	-34	-40	-47	-54	-61	-69	-75		-8	-9	-11	-13	-16	-19	-22	-25	-29	-32	-36		-12	-15	-18	-21	-25	-30	-35	-40	-46	-52	-57		-90	-110	-135	-165	-195	-230	-270	-315	-360	-405	-445		+4	+6	+7	+8	+9	+11	+13	+15	+17	+20	+21		+4	+6	+7	+8	+9	+11	+13	+15	+17	+20	+21		+4	+6	+7	+8	+9	+11	+13	+15	+17	+20	+21		+15	+19	+23	+28	+34	+41	+43	+51	+54	+63	+65	+68	+77	+80	+84	+94	+98	+108	+114		+15	+19	+23	+28	+34	+41	+43	+51	+54	+63	+65	+68	+77	+80	+84	+94	+98	+108	+114		+19	+23	+28	+35	+43	+53	+59	+71	+79	+92	+100	+108	+122	+130	+140	+158	+170	+190	+208		+19	+23	+28	+35	+43	+53	+59	+71	+79	+92	+100	+108	+122	+130	+140	+158	+170	+190	+208
	Toleranzen für Bohrungen	E6	+28	+34	+43	+53	+66	+79	+94	+110	+129	+142	+161	E7	+32	+40	+50	+61	+75	+90	+107	+125	+146	+162	+185	F6	+18	+22	+27	+33	+41	+49	+58	+68	+79	+88	+98	F7	+22	+28	+34	+41	+50	+60	+71	+83	+96	+108	+119	F8	+28	+35	+43	+53	+64	+76	+90	+106	+122	+137	+151	G6	+12	+14	+17	+20	+25	+29	+34	+39	+44	+49	+54	G7	+16	+20	+24	+28	+34	+40	+47	+54	+61	+69	+75	G8	+22	+27	+33	+40	+48	+56	+66	+77	+87	+98	+107	H7	+12	+15	+18	+21	+25	+30	+35	+40	+46	+52	+57	H8	+18	+22	+27	+33	+39	+46	+54	+63	+72	+81	+89	H9	+30	+36	+43	+52	+62	+74	+87	+100	+115	+130	+140	H10	+48	+58	+70	+84	+100	+120	+140	+160	+185	+210	+230																																																							
			+20	+25	+32	+40	+50	+60	+72	+85	+100	+110	+125		+10	+13	+16	+20	+2	+30	+36	+43	+50	+56	+62		+10	+13	+16	+20	+25	+30	+36	+43	+50	+56	+62		+4	+5	+6	+7	+9	+10	+12	+14	+15	+17	+18		+4	+5	+6	+7	+9	+10	+12	+14	+15	+17	+18		+4	+5	+6	+7	+9	+10	+12	+14	+15	+17	+18		0	0	0	+0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0																																																																															