

# Limits and Fits

		Nominal hole sizes (mm)																							
		over	0	3	6	10	18	30	40	50	65	80	100	120	140	160	180	200	225	250	280	315	355		
		inc.	3	6	10	18	30	40	50	65	80	100	120	140	160	180	200	225	250	280	315	355	400		
		micrometres (10 -6m)																							
Slip Fit	Loose Running	H11	+60 0	+75 0	+90 0	+110 0	+130 0	+160 0	+190 0	+220 0	+250 0	+290 0	+320 0	+360 0											
		c11	-60 -120	-70 -145	-80 -170	-95 -205	-110 -240	-120 -280	-130 -290	-140 -330	-150 -340	-170 -390	-180 -400	-200 -450	-210 -460	-230 -480	-240 -530	-260 -550	-280 -570	-300 -620	-330 -650	-360 -720	-400 -760		
	Free Running	H9		+30 0	+36 0	+43 0	+52 0	+62 0	+74 0	+87 0	+100 0	+115 0	+130 0	+140 0											
		d10	-20 -60	-30 -78	-40 -98	-50 -120	-65 -149	-80 -180	-100 -220	-120 -260	-145 -305	-170 -355	-190 -400	-210 -440											
	Close Running	H9		+30 0	+36 0	+43 0	+52 0	+62 0	+74 0	+87 0	+100 0	+115 0	+130 0	+140 0											
		e9	-14 -60	-20 -50	-25 -61	-32 -75	-40 -92	-50 -112	-60 -134	-72 -159	-84 -185	-100 -215	-110 -240	-125 -265											
	Close Clearance	H8	+14 0	+18 0	+22 0	+27 0	+33 0	+39 0	+46 0	+54 0	+63 0	+72 0	+81 0	+89 0											
		f7	-6 -16	-10 -22	-13 -28	-16 -34	-20 -41	-25 -50	-30 -60	-36 -71	-43 -83	-50 -96	-56 -108	-62 -119											
	Sliding	H7	+10 0	+12 0	+15 0	+18 0	+21 0	+25 0	+30 0	+35 0	+40 0	+46 0	+52 0	+57 0											
		g6	-2 -8	-4 -12	-5 -14	-6 -17	-7 -20	-9 -25	-10 -29	-12 -34	-14 -39	-15 -44	-17 -49	-18 -54											
	Locational	H7	+10 0	+12 0	+15 0	+18 0	+21 0	+25 0	+30 0	+35 0	+40 0	+46 0	+52 0	+57 0											
		h6	-6 0	0 -8	0 -9	0 -11	0 -13	0 -16	0 -19	0 -22	0 -25	0 -29	0 -32	0 -36											
	Press Fit	Slight Interference	H7	+10 0	+12 0	+15 0	+18 0	+21 0	+25 0	+30 0	+35 0	+40 0	+46 0	+52 0	+57 0										
			k6	+6 0	+9 +1	+10 +1	+12 +1	+15 +2	+18 +2	+21 +2	+25 +3	+28 +3	+33 +4	+36 +4	+40 +4										
Transition		H7	+10 0	+12 0	+15 0	+18 0	+21 0	+25 0	+30 0	+35 0	+40 0	+46 0	+52 0	+57 0											
		n6	+10 +4	+16 +8	+19 +10	+23 +12	+28 +15	+33 +17	+39 +20	+45 +23	+52 +27	+60 +31	+66 +34	+73 +37											
Interference		H7	+10 0	+12 0	+15 0	+18 0	+21 0	+25 0	+30 0	+35 0	+40 0	+46 0	+52 0	+57 0											
		p6	+12 +6	+20 +12	+24 +15	+29 +18	+35 +22	+42 +26	+51 +32	+59 +37	+68 +43	+79 +50	+88 +56	+98 +62											
Driving		H7	+10 0	+12 0	+15 0	+18 0	+21 0	+25 0	+30 0	+35 0	+40 0	+46 0	+52 0	+57 0											
		s6	+20 +14	+27 +19	+32 +23	+39 +28	+48 +35	+59 +43	+72 +53	+78 +59	+93 +71	+101+79	+117 +92	+125+100	+133 +108	+151 +122	+159 +130	+169 +140	+190 +158	+202 +170	+226 +190	+244 +208			
		micrometres (10 -6m)																							
		over	0	3	6	10	18	30	40	50	65	80	100	120	140	160	180	200	225	250	280	315	355		
		inc.	3	6	10	18	30	40	50	65	80	100	120	140	160	180	200	225	250	280	315	355	400		
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