

# POLA TOLERANCJI OTWORÓW

Wymiar nominalny (mm)		Odchyłki wymiarów nominalnych otworów dla poszczególnych klas tolerancji																
>	≤	B10	C9	C10	D8	D9	D10	E7	E8	E9	F6	F7	F8	G6	G7	H6	H7	
-	3	+180	+85	+100	+34	+45	+60	+24	+28	+39	+12	+16	+20	+8	+12	+6	+10	
		+140	+60	+60	+20	+20	+20	+14	+14	+14	+6	+6	+6	+2	+2	0	0	
3	6	+188	+100	+118	+48	+60	+78	+32	+38	+50	+18	+22	+28	+12	+16	+8	+12	
		+140	+70	+70	+30	+30	+30	+20	+20	+20	+10	+10	+10	+4	+4	0	0	
6	10	+208	+116	+138	+62	+76	+98	+40	+47	+61	+22	+28	+35	+14	+20	+9	+15	
		+150	+80	+80	+40	+40	+40	+25	+25	+25	+13	+13	+13	+5	+5	0	0	
10	14	+220	+138	+165	+77	+93	+120	+50	+59	+75	+27	+34	+43	+17	+24	+11	+18	
		+150	+95	+95	+50	+50	+50	+32	+32	+32	+16	+16	+16	+6	+6	0	0	
14	18	+244	+162	+194	+98	+117	+149	+61	+73	+92	+33	+41	+53	+20	+28	+13	+21	
		+160	+110	+110	+65	+65	+65	+40	+40	+40	+20	+20	+20	+7	+7	0	0	
18	24	+270	+182	+220	+119	+142	+180	+75	+89	+112	+41	+50	+64	+25	+34	+16	+25	
		+170	+120	+120	+80	+80	+80	+50	+50	+50	+25	+25	+25	+9	+9	0	0	
30	40	+280	+192	+230	+146	+174	+220	+90	+106	+134	+49	+60	+76	+29	+40	+19	+30	
		+180	+130	+130	+100	+100	+100	+60	+60	+60	+30	+30	+30	+10	+10	0	0	
40	50	+310	+214	+260	+174	+207	+260	+107	+126	+159	+58	+71	+90	+34	+47	+22	+35	
		+190	+140	+140	+120	+120	+120	+72	+72	+72	+36	+36	+36	+12	+12	0	0	
50	65	+320	+224	+270	+208	+245	+305	+125	+148	+185	+68	+83	+106	+39	+54	+25	+40	
		+200	+150	+150	+145	+145	+145	+85	+85	+85	+43	+43	+43	+14	+14	0	0	
65	80	+420	+300	+360	+470	+330	+390	+242	+285	+355	+79	+96	+122	+44	+61	+29	+46	
		+260	+200	+200	+310	+230	+230	+170	+170	+170	+50	+50	+50	+15	+15	0	0	
80	100	+440	+310	+370	+525	+355	+425	+271	+320	+400	+162	+191	+240	+88	+108	+137	+49	+69
		+280	+210	+210	+340	+240	+240	+190	+190	+190	+56	+56	+56	+17	+17	0	0	
100	120	+470	+330	+390	+565	+375	+445	+299	+350	+440	+182	+214	+265	+98	+119	+151	+54	+75
		+310	+230	+230	+380	+260	+260	+210	+210	+210	+125	+125	+125	+62	+62	+62	+18	+18
120	140	+525	+355	+425	+605	+395	+465	+299	+350	+440	+182	+214	+265	+98	+119	+151	+54	+75
		+340	+240	+240	+420	+280	+280	+210	+210	+210	+125	+125	+125	+62	+62	+62	+18	+18
140	160	+565	+375	+445	+690	+430	+510	+271	+320	+400	+162	+191	+240	+88	+108	+137	+49	+69
		+380	+260	+260	+480	+300	+300	+190	+190	+190	+56	+56	+56	+17	+17	0	0	
160	180	+605	+395	+465	+750	+460	+540	+271	+320	+400	+162	+191	+240	+88	+108	+137	+49	+69
		+420	+280	+280	+540	+330	+330	+190	+190	+190	+56	+56	+56	+17	+17	0	0	
180	200	+690	+430	+510	+830	+500	+590	+299	+350	+440	+182	+214	+265	+98	+119	+151	+54	+75
		+480	+300	+300	+600	+360	+360	+210	+210	+210	+125	+125	+125	+62	+62	+62	+18	+18
200	225	+750	+460	+540	+910	+540	+630	+299	+350	+440	+182	+214	+265	+98	+119	+151	+54	+75
		+540	+330	+330	+680	+400	+400	+210	+210	+210	+125	+125	+125	+62	+62	+62	+18	+18
225	250	+830	+500	+590	+1010	+595	+690	+327	+385	+480	+198	+232	+290	+108	+131	+165	+60	+83
		+340	+240	+240	+760	+440	+440	+230	+230	+230	+135	+135	+135	+68	+68	+68	+20	+20
250	280	+830	+500	+590	+1090	+635	+730	+327	+385	+480	+198	+232	+290	+108	+131	+165	+60	+83
		+340	+240	+240	+840	+480	+480	+230	+230	+230	+135	+135	+135	+68	+68	+68	+20	+20
280	315	+910	+540	+630	+1090	+635	+730	+327	+385	+480	+198	+232	+290	+108	+131	+165	+60	+83
		+680	+400	+400	+840	+480	+480	+230	+230	+230	+135	+135	+135	+68	+68	+68	+20	+20
315	355	+1010	+595	+690	+1090	+635	+730	+327	+385	+480	+198	+232	+290	+108	+131	+165	+60	+83
		+760	+440	+440	+840	+480	+480	+230	+230	+230	+135	+135	+135	+68	+68	+68	+20	+20
355	400	+1090	+635	+730	+1090	+635	+730	+327	+385	+480	+198	+232	+290	+108	+131	+165	+60	+83
		+840	+480	+480	+1090	+635	+730	+327	+385	+480	+198	+232	+290	+108	+131	+165	+60	+83
400	450	+1090	+635	+730	+1090	+635	+730	+327	+385	+480	+198	+232	+290	+108	+131	+165	+60	+83
		+840	+480	+480	+1090	+635	+730	+327	+385	+480	+198	+232	+290	+108	+131	+165	+60	+83
450	500	+1090	+635	+730	+1090	+635	+730	+327	+385	+480	+198	+232	+290	+108	+131	+165	+60	+83
		+840	+480	+480	+1090	+635	+730	+327	+385	+480	+198	+232	+290	+108	+131	+165	+60	+83

(Uwaga) Wartości podane u góry odpowiedniego pola oznaczają odchyłkę górną a wartości podane u dołu oznaczają odchyłkę dolną.

## Odchyłki wymiarów nominalnych otworów dla poszczególnych klas tolerancji

H8	H9	H10	JS6	JS7	K6	K7	M6	M7	N6	N7	P6	P7	R7	S7	T7	U7	X7
+14 0	+25 0	+40 0	$\pm 3$	$\pm 5$	0 -6	0 -10	-2 -8	-2 -12	-4 -10	-4 -14	-6 -12	-6 -16	-10 -20	-14 -24	-	-18 -28	-20 -30
+18 0	+30 0	+48 0	$\pm 4$	$\pm 6$	+2 -6	+3 -9	-1 -9	0 -12	-5 -13	-4 -16	-9 -17	-8 -20	-11 -23	-15 -27	-	-19 -31	-24 -36
+22 0	+36 0	+58 0	$\pm 4.5$	$\pm 7$	+2 -7	+5 -10	-3 -12	0 -15	-7 -16	-4 -19	-12 -21	-9 -24	-13 -28	-17 -32	-	-22 -37	-28 -43
+27 0	+43 0	+70 0	$\pm 5.5$	$\pm 9$	+2 -9	+6 -12	-4 -15	0 -18	-9 -20	-5 -23	-15 -26	-11 -29	-16 -34	-21 -39	-	-26 -44	-33 -51 -56
+33 0	+52 0	+84 0	$\pm 6.5$	$\pm 10$	+2 -11	+6 -15	-4 -17	0 -21	-11 -24	-7 -28	-18 -31	-14 -35	-20 -41	-27 -48	-	-33 -54	-46 -67 -77
+39 0	+62 0	+100 0	$\pm 8$	$\pm 12$	+3 -13	+7 -18	-4 -20	0 -25	-12 -28	-8 -33	-21 -37	-17 -42	-25 -50	-34 -59	-	-39 -64 -70	-51 -76 -86
+46 0	+74 0	+120 0	$\pm 9.5$	$\pm 15$	+4 -15	+9 -21	-5 -24	0 -30	-14 -33	-9 -39	-26 -45	-21 -51	-30 -60 -62	-42 -72 -78	-55 -85 -94	-76 -106 -121	-
+54 0	+87 0	+140 0	$\pm 11$	$\pm 17$	+4 -18	+10 -25	-6 -28	0 -35	-16 -38	-10 -45	-30 -52	-24 -59	-38 -73 -81	-58 -93 -101	-78 -113 -126	-111 -146 -166	-
+63 0	+100 0	+160 0	$\pm 12.5$	$\pm 20$	+4 -21	+12 -28	-8 -33	0 -40	-20 -45	-12 -52	-36 -61	-28 -68	-48 -88 -90 -93	-77 -117 -125 -133	-107 -147 -159 -171	-	-
+72 0	+115 0	+185 0	$\pm 14.5$	$\pm 23$	+5 -24	+13 -33	-8 -37	0 -46	-22 -51	-14 -60	-41 -70	-33 -79	-60 -105 -106	-113 -159 -169	-	-	-
+81 0	+130 0	+210 0	$\pm 16$	$\pm 26$	+5 -27	+16 -36	-9 -41	0 -52	-25 -57	-14 -66	-47 -79	-36 -88	-74 -126 -78 -130	-	-	-	-
+89 0	+140 0	+230 0	$\pm 18$	$\pm 28$	+7 -29	+17 -40	-10 -46	0 -57	-26 -62	-16 -73	-51 -87	-41 -98	-87 -144 -93 -150	-	-	-	-
+97 0	+155 0	+250 0	$\pm 20$	$\pm 31$	+8 -32	+18 -45	-10 -50	0 -63	-27 -67	-17 -80	-55 -95	-45 -108	-103 -166 -109 -172	-	-	-	-