

AVADE PIIRHÄLBED (IT01...IT6)

TABEL 1 a

D mm	IT 01	IT 0	IT 1	IT 2	IT 3	IT 4	IT 5							IT 6						
> ≤	H 01	H 0	H 1	H 2	H 3	H 4	G 5	H 5	JS 5	K 5	M 5	N 5	G 6	H 6	JS 6	K 6	M 6	N 6	P 6	
1 - 3	+0,3 0	+0,5 0	+0,8 0	+1,2 0	+2,0 0	+3 0	+6 +2	+4 0	+2,0 -2,0	0 -4	-2 -6	-4 -8	+8 +2	+6 0	+3,0 -3,0	0 -6	-2 -8	-4 -10	-6 -12	
3 - 6	+0,4 0	+0,6 0	+1,0 0	+1,5 0	+2,5 0	+4 0	+9 +4	+5 0	+2,5 -2,5	0 -5	-3 -8	-7 -12	+12 +4	+8 0	+4,0 -4,0	+2 -6	-1 -9	-5 -13	-9 -17	
6 - 10						+4 0	+11 +5	+6 0	+3,0 -3,0	+1 -5	-4 -10	-8 -14	+14 +5	+9 0	+4,5 -4,5	+2 -7	-3 -12	-7 -16	-12 -21	
10 - 18	+0,5 0	+0,8 0	+1,2 0	+2,0 0	+3,0 0	+5 0	+14 +6	+8 0	+4,0 -4,0	+2 -6	-4 -12	-9 -17	+17 +6	+11 0	+5,5 -5,5	+2 -9	-4 -15	-9 -20	-15 -26	
18 -24	+0,6 0	+1,0 0	+1,5 0	+2,5 0	+4,0 0	+6 0	+16 +7	+9 0	+4,5 -4,5	+1 -8	-5 -14	-12 -21	+20 +7	+13 0	+6,5 -6,5	+2 -11	-4 -17	-11 -24	-18 -31	
24 - 30						+7 0	+20 +9	+11 0	+5,5 -5,5	+2 -9	-5 -16	-13 -24	+25 +9	+16 0	+8,0 -8,0	+3 -13	-4 -20	-12 -28	-21 -37	
30 -40																				
40 -50																				
50 - 65	+0,8 0	+1,2 0	+2,0 0	+3,0 0	+5,0 0	+8 0	+23 +10	+13 0	+6,5 -6,5	+3 -10	-6 -19	-15 -28	+29 +10	+19 0	+9,5 -9,5	+4 -15	-5 -24	-14 -33	-26 -45	
65 - 80	+1,0 0	+1,5 0	+2,5 0	+4,0 0	+6,0 0	+10 0	+27 +12	+15 0	+7,5 -7,5	+2 -13	-8 -23	-18 -33	+34 +12	+22 0	+11 -11	+4 -18	-6 -28	-16 -38	-30 -52	
80 - 100																				
100 - 120																				
120 - 140	+1,2 0	+2,0 0	+3,5 0	+5,0 0	+8,0 0	+12 0	+32 +14	+18 0	+9,0 -9,0	+3 -15	-9 -27	-21 -39	+39 +14	+25 0	+12,5 -12,5	+4 -21	-8 -33	-20 -45	-36 -61	
140 - 160																				
160 - 180																				
180 - 200	+2,0 0	+3,0 0	+4,5 0	+7,0 0	+10,0 0	+14 0	+35 +15	+20 0	+10 -10	+2 -18	-11 -31	-25 -45	+44 +15	+29 0	+14,5 -14,5	+5 -24	-8 -37	-22 -51	-41 -70	
200 -225																				
225 - 250																				
250 - 280	+2,5 0	+4,0 0	+6,0 0	+8,0 0	+12,0 0	+16 0	+40 +17	+23 0	+11,5 -11,5	+3 -20	-13 -36	-27 -50	+49 +17	+32 0	+16,0 -16,0	+5 -27	-9 -41	-25 -57	-47 -79	
280 - 315	+3,0 0	+5,0 0	+7,0 0	+9,0 0	+13,0 0	+18 0	+43 +18	+25 0	+12,5 -12,5	+3 -22	-14 -39	-30 -55	+54 +18	+36 0	+18,0 -18,0	+7 -29	-10 -46	-26 -62	-51 -87	
315 - 355																				
355 - 400																				
400 - 450	+4,0 0	+6,0 0	+8,0 0	+10,0 0	+15,0 0	+20 0	+47 +20	+27 0	+13,5 -13,5	+2 -25	-16 -43	-33 -60	+60 +20	+40 0	+20,0 -20,0	+8 -32	-10 -50	-27 -67	-55 -95	
450 - 500																				

AVA PIIRHÄLBED (IT7 ...IT9)

Ava piirhälbed μm

TABEL 1 b

D mm	IT 7											IT 8		IT 8							
> ≤	F 7	G 7	H 7	JS 7	K 7	M 7	N 7	P 7	R 7	S 7	T 7	D 8	E 8	F 8	H 8	JS 8	K 8	M 8	N 8	U 8	
1 - 3	+16 +6	+12 +2	+10 0	+5 -5	0 -10	-2 -12	-4 -14	-6 -16	-10 -20	-14 -24		+34 +20	+28 +14	+20 +6	+14 0	+7 -7	0 -14		-4 -18	-18 -32	
3 - 6	+22 +10	+16 +4	+12 0	+6 -6	+3 -9	0 -12	-4 -16	-8 -20	-11 -23	-15 -27		+48 +30	+38 +20	+28 +10	+18 0	+9 -9	+5 -13	+2 -16	-2 -20	-23 -41	
6 - 10	+28 +13	+20 +5	+15 0	+7 -7	+5 -10	0 -15	-4 -19	-9 -24	-13 -28	-17 -32		+62 +40	+47 +25	+35 +13	+22 0	+11 -11	+6 -16	+1 -21	-3 -25	-28 -50	
10 - 18	+34 +16	+24 +6	+18 0	+9 -9	+6 -12	0 -18	-5 -23	-11 -29	-16 -34	-21 -39		+77 +50	+59 +32	+43 +16	+27 0	+13 -13	+8 -19	+2 -25	-3 -30	-33 -60	
18 - 24																				-41	
	+41	+28	+21	+10	+6	0	-7	-14	-20	-27		+98	+73	+53	+33	+16	+10	+4	-3	-74	
24 - 30	+20	+7	0	-10	-15	-21	-28	-35	-41	-48	-33 -54	+65	+40	+20	0	-16	-23	-29	-36	-48 -81	
30 - 40											-39									-60	
	+50	+34	+25	+12	+7	0	-8	-17	-26	-34	-64	+119	+89	+64	+39	+19	+12	+5	-3	-99	
40 - 50	+25	+9	0	-12	-18	-25	-33	-42	-50	-69	-45 -70	+80	+50	+25	0	-19	-27	-34	-42	-70 -109	
50 - 65									-30	-42	-55									-87	
	+60	+40	+30	+15	+9	0	-9	-21	-60	-72	-85	+146	+106	+76	+46	+23	+14	+5	-4	-133	
65 - 80	+30	+10	0	-15	-21	-30	-39	-51	-32	-48	-64	+100	+60	+30	0	-23	-32	-41	-50	-102 -148	
									-62	-78	-94										
80 - 100									-38	-58	-78									-124	
	+71	+47	+35	+17	+10	0	-10	-24	-73	-93	-113	+174	+126	+90	+54	+27	+16	+6	-4	-178	
100 - 120	+36	+12	0	-17	-25	-35	-45	-59	-41	-66	-91	+120	+72	+36	0	-27	-38	-48	-58	-144 -198	
									-76	-101	-126										
120 - 140									-48	-77	-107									-170	
									-88	-117	-147									-233	
140 - 160	+83	+54	+40	+20	+12	0	-12	-28	-50	-85	-119	+208	+148	+106	+63	+31	+20	+8	-4	-190	
	+43	+14	0	-20	-28	-40	-52	-68	-90	-125	-159	+145	+85	+43	0	-31	-43	-55	-67	-253	
160 - 180									-53	-93	-131									-210	
									-93	-133	-171									-273	
180 - 200									-60	-105	-149									-236	
									-106	-151	-195									-308	
200 - 225	+96	+61	+46	+23	+13	0	-14	-33	-63	-113	-163	+242	+172	+122	+72	+36	+22	+9	-5	-258	
	+50	+15	0	-23	-33	-46	-60	-79	-109	-159	-209	+170	+100	+50	0	-36	-50	-63	-77	-330	
225 - 250									-67	-123	-179									-284	
									-113	-169	-225									-356	
250 - 280									-74	-138	-198									-315	
	+108	+69	+52	+26	+16	0	-14	-36	-126	-190	-250	+271	+191	+137	+81	+40	+25	+9	-5	-396	
280 - 315	+56	+17	0	-26	-36	-52	-66	-88	-78	-150	-220	+190	+110	+56	0	-40	-56	-72	-86	-350	
									-130	-202	-272									-431	
315 - 355									-87	-169	-247									-390	
	+119	+75	+57	+28	+17	0	-16	-41	-144	-226	-304	+299	+214	+151	+89	+44	+28	+11	-5	-479	
355 - 400	+62	+18	0	-28	-40	-57	-73	-98	-93	-187	-273	+210	+125	+62	0	-44	-61	-78	-94	-435	
									-150	-244	-330									-524	
400 - 450									-103	-209	-307									-490	
	+131	+83	+63	+31	+18	0	-17	-45	-166	-272	-370	+327	+232	+165	+97	+48	+29	+11	-6	-587	
450 - 500	+68	+20	0	-31	-45	-63	-80	-108	-109	-229	-337	+230	+136	+68	0	-48	-68	-86	-103	-540	
									-172	-292	-400									-637	

VÕLLI PIIRHÄLBED

(IT01...IT6)

Võlli piirhälbed

TABEL 2a

D mm	IT 01	IT 0	IT 1	IT 2	IT 3	IT 4								IT 5								IT 6			
> ≤	h 01	h 0	h 1	h 2	h 3	g 4	h 4	js 4	k 4	m 4	n 4	g 5	h 5	js 5	k 5	m 5	n 5	p 5	r 5	s 5	f 6	g 6	h 6	js 6	
1 - 3	0	0	0	0	0	-2	0	+1,5	+3	+5	+7	-2	0	+2,0	+4	+6	+8	+10	+14	+18	-6	-2	0	+3,0	
	-0,3	-0,5	-0,8	-1,2	-2,0	-5	-3	-1,5	0	+2	+4	-6	-4	-2,0	0	+2	+4	+6	+10	+14	-12	-8	-6	-3,0	
3 - 6						-4	0		+5	+8	+12	-4	0	+2,5	+6	+9	+13	+17	+20	+24	-10	-4	0	+4,0	
	0	0	0	0	0	-8	-4	+2,0	+1	+4	+8	-9	-5	-2,5	+1	+4	+8	+12	+15	+19	-18	-12	-8	-4,0	
6 - 10	-0,4	-0,6	-1,0	-1,5	-2,5	-5	0	-2,0	+5	+10	+14	-5	0	+3,0	+7	+12	+16	+21	+25	+29	-13	-5	0	+4,5	
						-9	-4		+1	+6	+10	-11	-6	-3,0	+1	+6	+10	+15	+19	+23	-22	-14	-9	-4,5	
10 - 18	0	0	0	0	0	-6	0	+2,5	+6	+12	+17	-6	0	+4,0	+9	+15	+20	+26	+31	+36	-16	-6	0	+5,5	
	-0,5	-0,8	-1,2	-2,0	-3,0	-11	-5	-2,5	+1	+7	+12	-14	-8	-4,0	+1	+7	+12	+18	+23	+28	-27	-17	-11	-5,5	
18 - 24						-7	0	+3,0	+8	+14	+21	-7	0	+4,5	+11	+17	+24	+31	+37	+44	-20	-7	0	+6,5	
24 - 30						-13	-6	-3,0	+2	+8	+15	-9	-9	-4,5	+2	+8	+15	+22	+28	+35	-33	-20	-13	-6,5	
30 - 40	0	0	0	0	0																				
	-0,6	-1,0	-1,5	-2,5	-4,0																				
40 - 50						-9	0	+3,5	+9	+16	+24	-9	0	+5,5	+13	+20	+28	+37	+45	+54	-25	-9	0	+8,0	
						-16	-7	-3,5	+2	+9	+17	-20	-11	-5,5	+2	+9	+17	+26	+34	+43	-41	-25	-16	-8,0	
50 - 65																			+54	+66					
	0	0	0	0	0	-10	0	+4,0	+10	+19	+28	-10	0	+6,5	+15	+24	+33	+45	+41	+53	-30	-10	0	+9,5	
65 - 80	-0,8	-1,2	-2,0	-3,0	-5,0	-18	-8	-4,0	+2	+11	+20	-23	-13	-6,5	+2	+11	+20	+32	+56	+72	-49	-29	-19	-9,5	
																		+43	+59						
80 - 100																			+66	+86					
	0	0	0	0	0	-12	0	+5,0	+13	+23	+33	-12	0	+7,5	+18	+28	+38	+52	+51	+71	-36	-12	0	+11,0	
100 - 120	-1,0	-1,5	-2,5	-4,0	-6,0	-22	-10	-5,0	+3	+13	+23	-27	-15	-7,5	+3	+13	+23	+37	+69	+94	-58	-34	-22	-11,0	
																		+54	+79						
120 - 140																			+81	+110					
																			+63	+92					
140 - 160	0	0	0	0	0	-14	0	+6,0	+15	+27	+39	-14	0	+9,0	+21	+33	+45	+61	+83	+118	-43	-14	0	+12,5	
	-1,2	-2,0	-3,5	-5,0	-8,0	-26	-12	-6,0	+3	+15	+27	-32	-18	-9,0	+3	+15	+27	+43	+65	+100	-68	-39	-25	-12,5	
160 - 180																			+86	+126					
																			+68	+108					
180 - 200																			+97	+142					
																			+77	+122					
200 - 225	0	0	0	0	0	-15	0	+7,0	+18	+31	+45	-15	0	+10	+24	+37	+51	+70	+100	+150	-50	-15	0	+14,5	
	-2,0	-3,0	-4,5	-7,0	-10,0	-29	-14	-7,0	+4	+17	+31	-35	-20	-10	+4	+17	+31	+50	+80	+130	-79	-44	-29	-14,5	
225 - 250																			+104	+160					
																			+84	+140					
250 - 280																			+117	+181					
	0	0	0	0	0	-17	0	+8,0	+20	+36	+50	-17	0	+11,5	+27	+43	+57	+79	+94	+158	-56	-17	0	+16,0	
280 - 315	-2,5	-4,0	-6,0	-8,0	-12,0	-33	-16	-8,0	+4	+20	+34	-40	-23	-11,5	+4	+20	+34	+56	+121	+193	-88	-49	-32	-16,0	
																			+98	+170					
315 - 355																			+113	+215					
	0	0	0	0	0	-18	0	+9,0	+22	+39	+55	-18	0	+12,5	+29	+46	+62	+87	+108	+190	-62	-18	0	+18,0	
355 - 400	-3,0	-5,0	-7,0	-9,0	-13,0	-36	-18	-9,0	+4	+21	+37	-43	-25	-12,5	+4	+21	+37	+62	+139	+233	-98	-54	-36	-18,0	
																			+114	+208					
400 - 450																			+153	+259					
	0	0	0	0	0	-20	0	+10	+25	+43	+60	-20	0	+13,5	+32	+50	+67	+95	+126	+232	-68	-20	0	+20,0	
450 - 500	-4,0	-6,0	-8,0	-10,0	-15,0	-40	-20	-10	+5	+23	+40	-47	-27	-13,5	+5	+23	+40	+68	+159	+279	-108	-60	-40	-20,0	
																			+132	+252					

VÕLLI PIIRHÄLBED (IT6...IT8)

Võlli piirhälbed

TABEL 2b

D mm	IT 6							IT 7														IT 8					
> ≤	k 6	m 6	n 6	p 6	r 6	s 6	t 6	e 7	f 7	h 7	js 7	k 7	e 7	f 7	h 7	js 7	k 7	m 7	n 7	s 7	u 7	c 8	d 8	e 8	f 8	h 8	
1 - 3	+6 0	+8 +2	+10 +4	+12 +6	+16 +10	+20 +14		-14 -24	-6 -16	0 -10	+5 -5	+10 0	-14 -24	-6 -16	0 -10	+5 -5	+10 0	+12 +2	+14 +4	+24 +14	+28 +18	-60 -74	-20 -34	-14 -28	-6 -20	0 -14	
3 - 6	+9 +1	+12 +4	+16 +8	+20 +12	+23 +15	+27 +19		-20 -32	-10 -22	0 -12	+6 -6	+13 +1	-20 -32	-10 -22	0 -12	+6 -6	+13 +1	+16 +4	+20 +8	+31 +19	+35 +23	-70 -88	-30 -48	-20 -38	-10 -28	0 -18	
6 -10	+10 +1	+15 +6	+19 +10	+24 +15	+28 +19	+32 +23		-25 -40	-13 -28	0 -15	+7 -7	+16 +1	-25 -40	-13 -28	0 -15	+7 -7	+16 +1	+21 +6	+25 +10	+38 +23	+43 +28	-80 -102	-40 -62	-25 -47	-13 -35	0 -22	
10 - 14	+12	+18	+23	+29	+34	+39		-32	-16	0	+9	+19	-32	-16	0	+9	+19	+25	+30	+46	+51	-95	-50	-32	-16	0	
14-18	+1	+7	+12	+18	+23	+28		-50	-34	-18	-9	+1	-50	-34	-18	-9	+1	+7	+12	+28	+33	-122	-77	-59	-43	-27	
18-24	+15	+21	+28	+35	+41	+48		-40	-20	0	+10	+23	-40	-20	0	+10	+23	+29	+36	+56	+41	-110	-65	-40	-20	0	
24 - 30	+2	+8	+15	+22	+28	+35	+54 +41	-61	-41	-21	-10	+2	-61	-41	-21	-10	+2	+8	+15	+35	+69 +48	-143	-98	-73	-53	-33	
30-40	+18	+25	+33	+42	+50	+59	+64 +48	-50	-25	0	+12	+27	-50	-25	0	+12	+27	+34	+42	+68	+85 +60	-120					
40 - 50	+2	+9	+17	+26	+34	+43	+70 +54	-75	-50	-25	-12	+2	-75	-50	-25	-12	+2	+9	+17	+43	+95 +70	-130	-119	-89	-64	-39	
50 - 65	+21	+30	+39	+51	+60	+72	+85 +66	-60	-30	0	+15	+32	-60	-30	0	+15	+32	+41	+50	+83 +53	+117 +87	-140					
65 - 80	+2	+11	+20	+32	+41	+53	+94 +62 +43	-90	-60	-30	-15	+2	-90	-60	-30	-15	+2	+11	+20	+89 +59	+132 +102	-150	-146	-106	-76	-46	
80 - 100	+25	+35	+45	+59	+73	+93	+113 +51 +71 +91	-72	-36	0	+17	+38	-72	-36	0	+17	+38	+48	+58	+106 +71	+159 +124	-170					
100 - 120	+3	+13	+23	+37	+76	+101	+126 +54 +79 +104	-107	-71	-35	-17	+3	-107	-71	-35	-17	+3	+13	+23	+114 +79	+179 +144	-180	-174	-126	-90	-54	
120- 140					+88	+117	+147 +63 +92 +122													+132 +92	+210 +170	-200					
140 - 160	+28	+40	+52	+68	+90	+125	+159 +65 +100 +134	-85	-43	0	+20	+43	-85	-43	0	+20	+43	+55	+67	+140 +100	+230 +190	-210	-145	-85	-43	0	
160 - 180					+93	+133	+171 +68 +108 +146													+148 +108	+250 +210	-230					
180 - 200					+106	+151	+195 +77 +122 +166													+168 +122	+282 +236	-240					
200 - 225	+33	+46	+60	+79	+109	+159	+209 +80 +130 +180	-100	-50	0	+23	+50	-100	-50	0	+23	+50	+63	+77	+176 +130	+304 +258	-320	-170	-100	-50	0	
225- 250	+4	+17	+31	+50	+113	+169	+225 +84 +140 +196	-146	-96	-46	-23	+4	-146	-96	-46	-23	+4	+17	+31	+186 +140	+330 +284	-280					
250 - 280	+36	+52	+66	+88	+126	+190	+250 +94 +158 +218	-110	-56	0	+26	+56	-110	-56	0	+26	+56	+72	+86	+158 +222	+315 +402	-300	-190	-110	-56	0	
280 - 315	+4	+20	+34	+56	+130	+202	+272 +98 +170 +240	-162	-108	-52	-26	+4	-162	-108	-52	-26	+4	+20	+34	+222 +170	+402 +350	-330	-271	-191	-137	-81	
315 - 355					+144	+226	+304 +108 +190 +268													+247 +190	+447 +390	-360					
355 - 400	+40	+57	+73	+98	+150	+224	+330 +114 +208 +294	-125	-62	0	+28	+61	-125	-62	0	+28	+61	+78	+94	+265 +208	+492 +435	-400	-299	-214	-151	-89	
400 - 500					+166	+272	+370 +126 +232 +330													+295 +232	+553 +490	-440					
450 - 500	+45	+63	+80	+108	+172	+292	+400 +132 +252 +360	-135	-68	0	+31	+68	-135	-68	0	+31	+68	+86	+103	+315 +252	+603 +540	-480	-327	-232	-165	-97	

VÕLLI PIIRHÄLBED (IT 8...IT18)

Võlli piirhälbed

TABEL 2 c

D mm	IT 8			IT 9				IT 10		IT 11					IT 12		IT 13	IT 14	IT 15	IT 16	IT 17	IT 18
> ≤	u 8	x 8	z 8	d 9	e 9	f 9	h 9	d 10	h 10	a 11	b 11	c 11	d 11	h 11	b 12	h 12	h 13	h 14	h 15	h 16	h 17	h 18
1 - 3	+32 +18	+34 +20	+40 +26	-20 -45	-14 -39	-6 -31	0 -25	-20 -60	0 -40	-270 -330	-140 -200	-60 -120	-20 -80	0 -60	-140 -240	0 -100	0 -140	0 -250	0 -400	0 -600	0 -1000	0 -1400
3 - 6	+41 +23	+46 +28	+53 +34	-30 -60	-20 -50	-10 -40	0 -30	-30 -78	0 -48	-270 -345	-140 -215	-70 -145	-30 -105	0 -75	-140 -260	0 -120	0 -180	0 -300	0 -480	0 -750	0 -1200	0 -1800
6 - 10	+50 +28	+56 +34	+64 +42	-40 -76	-25 -61	-13 -49	0 -36	-40 -98	0 -58	-280 -370	-150 -240	-80 -170	-40 -130	0 -90	-150 -300	0 -150	0 -220	0 -360	0 -580	0 -900	0 -1500	0 -2200
10 - 14	+60 +40	+67 +50	+77 +50	-50 -93	-32 -75	-16 -59	0 -43	-50 -120	0 -70	-290 -400	-150 -260	-95 -205	-50 -160	0 -110	-150 -330	0 -180	0 -270	0 -430	0 -700	0 -1100	0 -1800	0 -2700
14 - 18	+33 +45	+72 +60	+87 +60	-93 -117	-75 -92	-59 -72	-43 -52	-120 -149	-70 -84	-400 -430	-260 -290	-205 -240	-160 -195	-110 -130	-330 -370	-180 -210	-270 -330	-430 -520	-700 -840	-1100 -1300	-1800 -2100	-2700 -3300
18 - 24	+74 +41	+87 +54	+106 +73	-65 -117	-40 -92	-20 -72	0 -52	-65 -149	0 -84	-300 -430	-160 -290	-110 -240	-65 -195	0 -130	-160 -370	0 -210	0 -330	0 -520	0 -840	0 -1300	0 -2100	0 -3300
24 - 30	+81 +48	+97 +64	+121 +88	-117 -142	-92 -112	-72 -87	-52 -62	-149 -180	-84 -100	-430 -520	-290 -320	-240 -320	-195 -240	-130 -160	-370 -420	-210 -250	-330 -390	-520 -620	-840 -1000	-1300 -1600	-2100 -2500	-3300 -3900
30 - 40	+99 +60	+119 +80	+151 +112	-80 -142	-50 -112	-25 -87	0 -62	-80 -180	0 -100	-310 -470	-170 -330	-120 -280	-80 -240	0 -160	-170 -420	0 -250	0 -390	0 -620	0 -1000	0 -1600	0 -2500	0 -3900
40 - 50	+109 +70	+136 +97	+175 +136	-142 -207	-112 -159	-87 -123	-62 -87	-180 -260	-100 -140	-320 -410	-180 -240	-130 -180	-240 -340	-160 -220	-180 -240	-250 -350	-390 -540	-620 -870	-1000 -1400	-1600 -2200	-2500 -3500	-3900 -5400
50 - 65	+133 +87	+168 +122	+218 +172	-100 -174	-60 -134	-30 -104	0 -74	-100 -220	0 -120	-530 -360	-380 -200	-330 -150	-100 -290	0 -190	-490 -200	0 -300	0 -460	0 -740	0 -1200	0 -1900	0 -3000	0 -4600
65 - 80	+148 +102	+192 +146	+256 +210	-174 -207	-134 -159	-104 -123	-74 -87	-220 -260	-120 -140	-360 -410	-200 -240	-150 -180	-290 -340	-190 -220	-200 -240	-300 -350	-460 -540	-740 -870	-1200 -1400	-1900 -2200	-3000 -3500	-4600 -5400
80 - 100	+178 +124	+232 +178	+312 +258	-120 -207	-72 -159	-36 -123	0 -87	-120 -260	0 -140	-600 -410	-440 -240	-390 -180	-120 -340	0 -220	-570 -240	0 -350	0 -540	0 -870	0 -1400	0 -2200	0 -3500	0 -5400
100 - 120	+198 +144	+264 +210	+364 +310	-207 -245	-159 -185	-123 -143	-87 -100	-260 -305	-140 -160	-410 -770	-240 -530	-180 -460	-340 -395	-220 -250	-240 -680	-350 -400	-540 -630	-870 -1000	-1400 -1600	-2200 -2500	-3500 -4000	-5400 -6300
120 - 140	+233 +170	+311 +248	+428 +365	-245 -285	-185 -215	-143 -165	-100 -115	-305 -355	-160 -185	-770 -1030	-530 -670	-460 -550	-395 -460	-250 -290	-680 -840	-400 -460	-630 -720	-1000 -1150	-1600 -1850	-2500 -2900	-4000 -4600	-6300 -7200
140 - 160	+253 +190	+343 +280	+478 +415	-285 -325	-215 -240	-165 -186	-115 -130	-355 -400	-185 -210	-1030 -1050	-670 -540	-550 -330	-460 -510	-290 -320	-840 -540	-460 -520	-720 -810	-1150 -1300	-1850 -2100	-2900 -3200	-4600 -5200	-7200 -8100
160 - 180	+273 +210	+373 +310	+528 +465	-325 -365	-240 -280	-186 -215	-130 -155	-400 -440	-210 -230	-1050 -1350	-540 -840	-330 -650	-510 -630	-320 -400	-540 -1060	-520 -600	-810 -900	-1300 -1400	-2100 -2300	-3200 -3600	-5200 -5700	-8100 -8900
180 - 200	+308 +236	+422 +350	+592 +520	-365 -405	-280 -320	-215 -240	-155 -186	-440 -480	-230 -250	-1350 -1500	-840 -760	-650 -440	-630 -400	-400 -230	-1060 -760	-600 -680	-900 -570	-1400 -890	-2300 -1400	-3600 -2300	-5700 -3600	-8900 -5700
200 - 225	+330 +258	+457 +385	+647 +575	-405 -445	-320 -360	-240 -280	-186 -215	-480 -520	-250 -270	-1500 -1650	-760 -840	-440 -480	-400 -630	-230 -400	-760 -1470	-680 -840	-570 -630	-890 -970	-1400 -1550	-2300 -2500	-3600 -4000	-5700 -6300
225 - 250	+356 +284	+497 +425	+712 +640	-445 -485	-360 -400	-280 -320	-215 -240	-520 -560	-270 -300	-1650 -1800	-840 -760	-480 -300	-630 -400	-400 -230	-840 -1470	-630 -840	-970 -1060	-1550 -1700	-2500 -2700	-4000 -4400	-6300 -7000	-9700 -10600
250 - 280	+396 +315	+556 +475	+791 +710	-485 -525	-400 -440	-320 -360	-240 -280	-560 -600	-300 -330	-1800 -2000	-960 -1040	-720 -800	-400 -510	-230 -320	-1170 -1250	-840 -970	-1060 -1150	-1700 -1850	-2700 -3000	-4400 -4800	-7000 -7600	-10600 -11500
280 - 315	+431 +350	+606 +525	+871 +790	-525 -565	-440 -480	-360 -400	-280 -320	-600 -640	-330 -360	-2000 -2200	-1040 -1120	-800 -880	-510 -630	-320 -400	-1250 -1470	-970 -1060	-1150 -1250	-1850 -2000	-3000 -3300	-4800 -5200	-7600 -8000	-11500 -12500
315 - 355	+479 +390	+679 +590	+989 +900	-565 -605	-480 -520	-400 -440	-320 -360	-640 -680	-360 -400	-2200 -2400	-1120 -1200	-880 -960	-630 -720	-400 -510	-1470 -1550	-1060 -1170	-1250 -1350	-2000 -2200	-3300 -3600	-5200 -5600	-8000 -8400	-12500 -13500
355 - 400	+524 +435	+749 +660	+1089 +1000	-605 -645	-520 -560	-440 -480	-360 -400	-680 -720	-400 -440	-2400 -2600	-1200 -1280	-960 -1040	-720 -800	-510 -600	-1550 -1630	-1170 -1250	-1350 -1470	-2200 -2400	-3600 -4000	-5600 -6000	-8400 -9000	-13500 -14700
400 - 500	+587 +490	+837 +740	+1197 +1100	-645 -685	-560 -600	-480 -520	-400 -440	-720 -760	-440 -480	-2600 -2800	-1280 -1360	-1040 -1120	-800 -880	-600 -700	-1630 -1710	-1250 -1330	-1470 -1550	-2400 -2600	-4000 -4400	-6000 -6400	-9000 -9700	-14700 -15500
450 - 500	+637 +540	+917 +820	+1347 +1250	-685 -725	-600 -640	-520 -560	-440 -480	-760 -800	-480 -520	-2800 -3000	-1360 -1440	-1120 -1200	-880 -960	-700 -800	-1710 -1790	-1330 -1410	-1550 -1630	-2600 -2800	-4400 -4800	-6400 -7000	-9700 -10600	-15500 -16300