

Ava piirhälbed μm

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 +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
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							+12 +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
100 - 120																			
120 - 140																			
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																			

AVADE
PIIRHÄLBED
(IT01...IT6)

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

AVA
PIIRHÄLBED
(IT7 ... IT9)

Võlli piirhälbed

TABEL 2a

D mm	IT 01	IT 0	IT 1	IT 2	IT 3	IT 4								IT 5								IT 6			
> ≤	h01	h0	h1	h2	h3	g4	h4	js4	k4	m4	n4	g5	h5	js5	k5	m5	n5	p5	r5	s5	f6	g6	h6	js6	
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	0	0	0	0	0	-4	0		+5	+8	+12	-4	0	+2,5	+6	+9	+13	+17	+20	+24	-10	-4	0	+4,0	
	-0,4	-0,6	-1,0	-1,5	-2,5	-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	0	0	0	0	-5	0	-2,0	+5	+10	+14	-5	0	+3,0	+7	+12	+16	+21	+25	+29	-13	-5	0	+4,5	
	-0,4	-0,6	-1,0	-1,5	-2,5	-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	-16	-9	-4,5	+2	+8	+15	+22	+28	+35	-33	-20	-13	-6,5	
	0	0	0	0	0																				
30 - 40	-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	0	0	0	0	0	-10	0	+4,0	+10	+19	+28	-10	0	+6,5	+15	+24	+33	+45	+54	+66	-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	+41	+53	-49	-29	-19	-9,5	
80 - 100	0	0	0	0	0	-12	0	+5,0	+13	+23	+33	-12	0	+7,5	+18	+28	+38	+52	+66	+86	-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	+51	+71	-58	-34	-22	-11,0	
120 - 140																									
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																									
180 - 200																									
200 - 225	0	0	0	0	0	-15	0	+7,0	+18	+31	+45	-15	0	+10	+24	+37	+51	+70	+97	+142	-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																									
250 - 280	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	
315 - 355	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	
400 - 450	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	

VÕLLI
PIIRHÄLBED
(IT01...IT6)

Võlli piirhälbed

TABEL 2 b

D mm	IT 6							IT 7							IT 8											
> ≤	k6	m6	n6	p6	r6	s6	t6	e7	f7	h7	js7	k7	e7	f7	h7	js7	k7	m7	n7	s7	u7	c8	d8	e8	f8	h8
1 - 3	+8	+8	+10	+12	+16	+20		-14	-6	0	+5	+10	-14	-6	0	+5	+10	+12	+14	+24	+28	-60	-20	-14	-6	0
	0	+2	+4	+6	+10	+14		-24	-16	-10	-5	0	-24	-16	-10	-5	0	+2	+4	+14	+18	-74	-34	-28	-20	-14
3 - 6	+9	+12	+16	+20	+23	+27		-20	-10	0	+6	+13	-20	-10	0	+6	+13	+16	+20	+31	+35	-70	-30	-20	-10	0
	+1	+4	+8	+12	+15	+19		-32	-22	-12	-6	+1	-32	-22	-12	-6	+1	+4	+8	+19	+23	-88	-48	-38	-28	-18
6 - 10	+10	+15	+19	+24	+28	+32		-25	-13	0	+7	+16	-25	-13	0	+7	+16	+21	+25	+38	+43	-80	-40	-25	-13	0
	+1	+6	+10	+15	+19	+23		-40	-28	-15	-7	+1	-40	-28	-15	-7	+1	+6	+10	+23	+28	-102	-62	-47	-35	-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	+61	-110	-65	-40	-20	0
24 - 30	+2	+8	+15	+22	+28	+35	+54	-61	-41	-21	-10	+2	-61	-41	-21	-10	+2	+8	+15	+35	+69	-143	-98	-73	-53	-33
							+41														+48					
30 - 40	+18	+25	+33	+42	+50	+59	+84	-50	-25	0	+12	+27	-50	-25	0	+12	+27	+34	+42	+68	+80	-159	-80	-50	-25	0
40 - 50	+2	+9	+17	+26	+34	+43	+70	-75	-50	-25	-12	+2	-75	-50	-25	-12	+2	+9	+17	+43	+95	-130	-119	-89	-64	-39
							+54														+70	-169				
50 - 65					+60	+72	+85														+83	+117	-140			
65 - 80	+21	+30	+39	+51	+41	+53	+66	-60	-30	0	+15	+32	-60	-30	0	+15	+32	+41	+50	+53	+87	-186	-100	-60	-30	0
	+2	+11	+20	+32	+62	+78	+94	-90	-60	-30	-15	+2	-90	-60	-30	-15	+2	+11	+20	+89	+132	-150	-146	-106	-76	-46
					+43	+59	+75														+59	+102	-196			
80 - 100					+73	+93	+113														+106	+159	-170			
100 - 120	+25	+35	+45	+59	+51	+71	+91	-72	-36	0	+17	+38	-72	-36	0	+17	+38	+48	+58	+71	+124	-224	-120	-72	-36	0
	+3	+13	+23	+37	+76	+101	+126	-107	-71	-35	-17	+3	-107	-71	-35	-17	+3	+13	+23	+114	+179	-180	-174	-126	-90	-54
					+54	+79	+104														+79	+144	-234			
120 - 140					+88	+117	+147														+132	+210	-200			
140 - 160					+63	+92	+122														+92	+170	-263			
	+28	+40	+52	+68	+90	+125	+159	-85	-43	0	+20	+43	-85	-43	0	+20	+43	+55	+67	+140	+230	-210	-145	-85	-43	0
160 - 180	+3	+15	+27	+43	+65	+100	+134	-125	-83	-40	-20	+3	-125	-83	-40	-20	+3	+15	+27	+100	+190	-273	-208	-148	-106	-63
					+93	+133	+171														+148	+250	-230			
					+68	+108	+146														+108	+210	-293			
180 - 200					+106	+151	+195														+168	+282	-240			
200 - 225					+77	+122	+166														+122	+236	-312			
	+33	+46	+60	+79	+109	+159	+209	-100	-50	0	+23	+50	-100	-50	0	+23	+50	+63	+77	+176	+304	-260	-170	-100	-50	0
225 - 250	+4	+17	+31	+50	+80	+130	+180	-146	-96	-46	-23	+4	-146	-96	-46	-23	+4	+17	+31	+130	+258	-332	-242	-172	-122	-72
					+113	+169	+225														+186	+330	-280			
					+84	+140	+196														+140	+284	-352			
250 - 280					+126	+190	+250														+210	+367	-300			
280 - 315	+36	+52	+66	+88	+94	+158	+218	-110	-56	0	+26	+56	-110	-56	0	+26	+56	+72	+86	+158	+315	-381	-190	-110	-56	0
	+4	+20	+34	+56	+130	+202	+272	-162	-108	-52	-26	+4	-162	-108	-52	-26	+4	+20	+34	+222	+402	-330	-271	-191	-137	-81
					+98	+170	+240														+170	+350	-411			
315 - 355					+144	+226	+304														+247	+447	-360			
355 - 400	+40	+57	+73	+98	+108	+190	+268	-125	-62	0	+28	+61	-125	-62	0	+28	+61	+78	+94	+190	+390	-449	-210	-125	-62	0
	+4	+21	+37	+62	+150	+224	+330	-182	-118	-57	-28	+4	-182	-118	-57	-28	+4	+21	+37	+265	+492	-400	-299	-214	-151	-89
					+114	+208	+294														+208	+435	-489			
400 - 500					+166	+272	+370														+295	+553	-440			
450 - 500	+45	+63	+80	+106	+126	+232	+330	-135	-68	0	+31	+68	-135	-68	0	+31	+68	+86	+103	+232	+490	-537	-230	-135	-68	0
	+5	+23	+40	+68	+172	+292	+400	+198	-131	-63	-31	+5	+198	-131	-63	-31	+5	+23	+40	+315	+603	-480	-327	-232	-165	-97
					+132	+252	+360														+252	+540	-577			

VÕLLI
PIIRHÄLBED
(IT6...IT8)

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	+34	+40	-20	-14	-6	0	-20	0	-270	-140	-60	-20	0	-140	0	0	0	0	0	0	0
	+18	+20	+26	-45	-39	-31	-25	-60	-40	-330	-200	-120	-80	-60	-240	-100	-140	-250	-400	-600	-1000	-1400
3 - 6	+41	+46	+53	-30	-20	-10	0	-30	0	-270	-140	-70	-30	0	-140	0	0	0	0	0	0	0
	+23	+28	+35	-60	-50	-40	-30	-78	-48	-345	-215	-145	-105	-75	-260	-120	-180	-300	-480	-750	-1200	-1800
6 - 10	+50	+56	+64	-40	-25	-13	0	-40	0	-280	-150	-80	-40	0	-150	0	0	0	0	0	0	0
	+28	+34	+42	-76	-61	-49	-36	-98	-58	-370	-240	-170	-130	-90	-300	-150	-220	-360	-580	-900	-1500	-2200
10 - 14	+60	+67	+77																			
	+40	+50		-50	-32	-16	0	-50	0	-290	-150	-95	-50	0	-150	0	0	0	0	0	0	0
14-18	+33	+72	+87	-93	-75	-59	-43	-120	-70	-400	-260	-205	-160	-110	-330	-180	-270	-430	-700	-1100	-1800	-2700
	+45	+60																				
18-24	+74	+87	+106																			
	+41	+54	+73	-65	-40	-20	0	-65	0	-300	-160	-110	-65	0	-160	0	0	0	0	0	0	0
24 - 30	+81	+97	+121	-117	-92	-72	-52	-149	-84	-430	-290	-240	-195	-130	-370	-210	-330	-520	-840	-1300	-2100	-3300
	+48	+64	+88																			
30-40	+99	+119	+151							-310	-170	-120			-170							
	+60	+80	+112	-80	-50	-25	0	-80	0	-470	-330	-280	-80	0	-420	0	0	0	0	0	0	0
40 - 50	+109	+136	+175	-142	-112	-87	-62	-180	-100	-320	-180	-130	-240	-160	-180	-250	-390	-620	-1000	-1600	-2500	-3900
	+70	+97	+136							-480	-340	-290			-430							
50 - 65	+133	+168	+218							-540	-190	-140			-190							
	+87	+122	+172	-100	-60	-30	0	-100	0	-330	-380	-330	-100	0	-490	0	0	0	0	0	0	0
65 - 80	+148	+192	+256	-174	-134	-104	-74	-220	-120	-360	-200	-150	-290	-190	-200	-300	-460	-740	-1200	-1900	-3000	-4600
	+102	+146	+210							-550	-390	-340			-500							
80 - 100	+178	+232	+312							-380	-220	-170			-270							
	+124	+178	+258	-120	-72	-36	0	-120	0	-600	-440	-390	-120	0	-520	0	0	0	0	0	0	0
100 - 120	+198	+264	+364	-207	-159	-123	-87	-260	-140	-410	-240	-180	-340	-220	-240	-350	-540	-870	-1400	-2200	-3500	-5400
	+144	+210	+310							-630	-460	-400			-590							
120- 140	+233	+311	+428																			
	+170	+248	+365							-710	-510	-450			-660							
140 - 160	+253	+343	+478	-145	-85	-43	0	-145	0	-520	-280	-210	-145	0	-280				0	0	0	0
	+190	+280	+415	-245	-185	-143	-100	-305	-160	-770	-530	-460	-395	-250	-680	-400	-630	-1000	-1600	-2500	-4000	-6300
160 - 180	+273	+373	+528							-580	-310	-230			-310							
	+210	+310	+465							-830	-560	-480			-710							
180 - 200	+308	+422	+592							-660	-340	-240			-340							
	+236	+350	+520							-950	-630	-530			-800							
200 - 225	+330	+457	+647	-170	-100	-50	0	-170	0	-740	-380	-260	-170	0	-380	0	0	0	0	0	0	0
	+258	+385	+575	-285	-215	-165	-115	-355	-185	-1030	-670	-550	-460	-290	-840	-460	-720	-1150	-1850	-2900	-4600	-7200
225- 250	+356	+497	+712							-820	-420	-280			-420							
	+284	+425	+640							-1110	-710	-570			-880							
250 - 280	+396	+556	+791							-920	-480	-320			-480							
	+315	+475	+710	-190	-110	-56	0	-190	0	-1240	-800	-620	-190	0	-1000	0	0	0	0	0	0	0
280 - 315	+431	+606	+871	-320	-240	-186	-130	-400	-210	-1050	-540	-330	-510	-320	-540	-520	-810	-1300	-2100	-3200	-5200	-8100
	+350	+525	+790							-1370	-860	-650			-1060							
315 - 355	+479	+679	+989							-1200	-600	-360			-600							
	+390	+590	+900	-210	-125	-62	0	-210	0	-1560	-960	-720	-210	0	-1170	0	0	0	0	0	0	0
355 - 400	+524	+749	+1089	-350	-265	-202	-140	-440	-230	-1350	-680	-400	-570	-360	-680	-570	-890	-1400	-2300	-3600	-5700	-8900
	+435	+660	+1000							-1710	-1040	-760			-1250							
400 - 500	+587	+837	+1197							-1500	-760	-440			-760							
	+490	+740	+1100	-230	-135	-68	0	-230	0	-1900	-1160	-840	-230	0	-1390	0	0	0	0	0	0	0
450 - 500	+637	+917	+1347	-385	-290	-223	-155	-480	-250	-1650	-840	-480	-630	-400	-840	-630	-970	-1550	-2500	-4000	-6300	-9700
	+540	+820	+1250							-2050	-1240	-880			-1470							

VÕLLI
PIIRHÄLBED
(IT 8...IT8)

Enamkasutatavad ava piirhálbed ISO 286 järgi μm

Lisa 2 (järg)

D mm	IT 9						IT 10		IT 11					IT 12		IT 13	IT 14	IT 15	IT 16	IT 17	IT 18
> $\leq$	D 9	E 9	F 9	H 9	N 9	P 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	+45 +20	+39 +14	+31 +6	+25 0	-4 -29	-6 -31	+60 +20	+40 0	+330 +270	+200 +140	+120 +60	+80 +20	+60 0	+240 +140	+100 0	+140 0	+250 0	+400 0	+600 0	-	-
3 - 6	+60 +30	+50 +20	+40 +10	+30 0	0 -30	-12 -42	+78 +30	+48 0	+345 +270	+215 +140	+145 +70	+105 +30	+75 0	+260 +140	+120 0	+180 0	+300 0	+480 0	+750 0	+1200 0	+1800 0
6 - 10	+76 +40	+61 +25	+49 +13	+36 0	0 -36	-15 -51	+98 +40	+58 0	+370 +280	+240 +150	+170 +80	+130 +40	+90 0	+300 +150	+150 0	+220 0	+360 0	+580 0	+900 0	+1500 0	+2200 0
10 - 18	+93 +50	+75 +32	+59 +16	+43 0	0 -43	-18 -61	+120 +50	+70 0	+400 +290	+260 +150	+205 +95	+160 +50	+110 0	+330 +150	+180 0	+270 0	+430 0	+700 0	+1100 0	+1800 0	+2700 0
18 - 24	+117 +65	+92 +40	+72 +20	+52 0	0 -52	-22 -74	+149 +65	+84 0	+430 +300	+290 +160	+240 +110	+195 +65	+130 0	+370 +160	+210 0	+330 0	+520 0	+840 0	+1300 0	+2100 0	+3300 0
24 - 30																					
30 - 40	+142 +80	+112 +50	+87 +25	+62 0	0 -62	-26 -88	+180 +80	+100 0	+470 +310	+330 +170	+280 +120	+240 +80	+160 0	+420 +170	+250 0	+390 0	+620 0	+1000 0	+1600 0	+2500 0	+3900 0
40 - 50									+480 +320	+340 +180	+290 +130	+80 0	0	+430 +180	0	0	0	0	0	0	0
50 - 65	+174 +100	+134 +60	+104 +30	+74 0	0 -74	-32 -106	+220 +100	+120 0	+530 +340	+380 +190	+330 +140	+290 +100	+190 0	+490 +190	+300 0	+460 0	+740 0	+1200 0	+1900 0	+3000 0	+4600 0
65 - 80									+550 +360	+390 +200	+340 +150	+100 0	0	+500 +200	0	0	0	0	0	0	0
80-100	+207 +120	+159 +72	+123 +36	+87 0	0 -87	-37 -124	+260 +120	+140 0	+600 +380	+440 +220	+390 +170	+340 +120	+220 0	+570 +220	+350 0	+540 0	+870 0	+1400 0	+2200 0	+3500 0	+5400 0
100-120									+630 +410	+460 +240	+400 +180	+120 0	0	+590 +240	0	0	0	0	0	0	0
120-140									+710 +460	+510 +260	+450 +200			+660 +260							
140-160	+245 +145	+185 +85	+143 +43	+100 0	0 -100	-43 -143	+305 +145	+160 0	+770 +520	+530 +280	+460 +210	+395 +145	+250 0	+680 +280	+400 0	+630 0	+1000 0	+1600 0	+2500 0	+4000 0	+6300 0
160-180									+830 +580	+560 +310	+480 +230			+710 +310							
180-200									+950 +660	+630 +340	+530 +240			+800 +340							
200-225	+285 +170	+215 +100	+165 +50	+115 0	0 -115	-50 -165	+355 +170	+185 0	+1030 +740	+670 +380	+550 +260	+460 +170	+290 0	+840 +380	+460 0	+720 0	+1150 0	+1850 0	+2900 0	+4600 0	+7200 0
225-250									+1110 +820	+710 +420	+570 +280			+880 +420							
250-280	+320 +190	+240 +110	+186 +56	+130 0	0 -130	-56 -186	+400 +190	+210 0	+1240 +920	+800 +480	+620 +300	+510 +190	+320 0	+1000 +480	+520 0	+810 0	+1300 0	+2100 0	+3200 0	+5200 0	+8100 0
280-315									+1370 +1050	+860 +540	+650 +330	+190 0	0	+1060 +540	0	0	0	0	0	0	0
315-355	+350 +210	+265 +125	+202 +62	+140 0	0 -140	-62 -202	+440 +210	+230 0	+1560 +1200	+960 +600	+720 +360	+570 +210	+360 0	+1170 +600	+570 0	+890 0	+1400 0	+2300 0	+3600 0	+5700 0	+8900 0
355-400									+1710 +1350	+1040 +680	+760 +400			+1250 +680	0	0	0	0	0	0	0
400-450	+385 +230	+290 +135	+223 +68	+155 0	0 -155	-68 -223	+480 +230	+250 0	+1900 +1500	+1160 +760	+840 +440	+630 +230	+400 0	+1390 +760	+630 0	+970 0	+1550 0	+2500 0	+4000 0	+6300 0	+9700 0
450-500									+2050 +1650	+1240 +840	+880 +480			+1470 +840	0	0	0	0	0	0	0

Eelistolerantsiváljad raamides