

Névleges méret (mm) felett -ig		Csapok tűrései az ISO 286 szerint																								
a11	a12	a13	b9	b10	b11	b12	b13	c8	c9	c10	c11	d8	d9	d10	d11	d12	d13	e8	e9	f6	f7	f8	f9	g5		
1	3	-270 -330	-270 -370	-270 -410	-140 -165	-140 -180	-140 -200	-140 -240	-140 -280	-60 -74	-60 -85	-60 -100	-60 -120	-20 -34	-20 -45	-20 -60	-20 -80	-20 -120	-20 -150	-14 -28	-14 -39	-6 -12	-6 -15	-6 -20	-6 -31	-2 -6
3	6	-270 -345	-270 -390	-270 -450	-140 -170	-140 -188	-140 -215	-140 -260	-140 -320	-70 -88	-70 -100	-70 -118	-70 -145	-30 -48	-30 -60	-30 -78	-30 -105	-30 -150	-30 -210	-20 -38	-20 -50	-10 -18	-10 -22	-10 -28	-10 -40	-4 -9
6	10	-280 -370	-280 -430	-280 -500	-150 -186	-150 -208	-150 -240	-150 -300	-150 -370	-80 -102	-80 -116	-80 -138	-80 -170	-40 -62	-40 -72	-40 -98	-40 -130	-40 -190	-40 -260	-25 -47	-25 -61	-13 -22	-13 -28	-13 -35	-13 -49	-5 -11
10	14	-290	-290	-290	-150	-150	-150	-150	-150	-95	-95	-95	-95	-50	-50	-50	-50	-50	-50	-32	-32	-16	-16	-16	-16	-6
14	18	-400	-470	-560	-193	-220	-260	-330	-420	-122	-138	-165	-205	-77	-93	-120	-160	-230	-320	-59	-75	-27	-34	-43	-59	-14
18	24	-300	-300	-300	-160	-160	-160	-160	-160	-110	-110	-110	-110	-65	-65	-65	-65	-65	-65	-40	-40	-20	-20	-20	-20	-7
24	30	-430	-510	-630	-212	-244	-290	-370	-490	-143	-162	-194	-240	-98	-117	-149	-195	-275	-395	-73	-92	-33	-41	-53	-72	-16
30	40	-310 -470	-310 -550	-310 -700	-170 -232	-170 -270	-170 -330	-170 -420	-170 -560	-120 -159	-120 -182	-120 -220	-120 -260	-80	-80	-80	-80	-80	-80	-50	-50	-25	-25	-25	-25	-9
40	50	-320 -480	-320 -570	-320 -710	-180 -242	-180 -280	-180 -340	-180 -430	-180 -570	-130 -169	-130 -192	-130 -230	-130 -290	-119	-142	-180	-240	-330	-470	-89	-112	-41	-50	-64	-87	-20
50	65	-340 -530	-340 -640	-340 -800	-190 -264	-190 -310	-190 -380	-190 -490	-190 -650	-140 -186	-140 -214	-140 -260	-140 -330	-100	-100	-100	-100	-100	-100	-60	-60	-30	-30	-30	-30	-10
65	80	-360 -550	-360 -660	-360 -820	-200 -274	-200 -320	-200 -390	-200 -500	-200 -660	-150 -196	-150 -224	-150 -270	-150 -340	-146	-174	-220	-290	-400	-560	-106	-134	-49	-60	-76	-104	-23
80	100	-380 -600	-380 -730	-380 -920	-220 -307	-220 -360	-220 -440	-220 -670	-220 -760	-170 -224	-170 -257	-170 -310	-170 -390	-120	-120	-120	-120	-120	-120	-72	-72	-36	-36	-36	-36	-12
100	120	-410 -630	-410 -760	-410 -950	-240 -327	-240 -380	-240 -460	-240 -590	-240 -780	-180 -234	-180 -267	-180 -320	-180 -400	-174	-207	-260	-340	-470	-660	-125	-159	-68	-71	-90	-123	-27
120	140	-460 -710	-460 -860	-460 -1090	-260 -360	-260 -420	-260 -510	-260 -660	-260 -890	-200 -263	-200 -300	-200 -360	-200 -450	-145	-145	-145	-145	-145	-145	-85	-85	-43	-43	-43	-43	-14
140	160	-520 -770	-520 -920	-520 -1150	-280 -380	-280 -440	-280 -530	-280 -680	-280 -910	-210 -273	-210 -310	-210 -370	-210 -460	-208	-245	-305	-395	-545	-775	-140	-185	-68	-83	-106	-143	-32
160	180	-580 -830	-580 -980	-580 -1210	-310 -410	-310 -470	-310 -560	-310 -710	-310 -940	-230 -293	-230 -330	-230 -380	-230 -480	-208	-245	-305	-395	-545	-775	-140	-185	-68	-83	-106	-143	-32
180	200	-660 -950	-660 -1120	-660 -1380	-340 -455	-340 -525	-340 -630	-340 -800	-340 -1060	-240 -312	-240 -355	-240 -425	-240 -530	-170	-170	-170	-170	-170	-170	-100	-100	-50	-50	-50	-50	-15
200	225	-740 -1030	-740 -1200	-740 -1460	-380 -495	-380 -565	-380 -670	-380 -840	-380 -1100	-260 -332	-260 -375	-260 -445	-260 -550	-242	-285	-335	-460	-630	-890	-172	-215	-79	-96	-122	-165	-35
225	250	-820 -1110	-820 -1280	-820 -1540	-420 -535	-420 -605	-420 -710	-420 -880	-420 -1140	-280 -352	-280 -395	-280 -465	-280 -570	-242	-285	-335	-460	-630	-890	-172	-215	-79	-96	-122	-165	-35
250	280	-920 -1240	-920 -1440	-920 -1730	-480 -610	-480 -690	-480 -800	-480 -1000	-480 -1290	-300 -381	-300 -430	-300 -510	-300 -620	-190	-190	-190	-190	-190	-190	-110	-110	-56	-56	-56	-56	-17
280	315	-1050 -1370	-1050 -1570	-1050 -1860	-540 -670	-540 -750	-540 -860	-540 -1060	-540 -1350	-330 -411	-330 -460	-330 -540	-330 -650	-271	-320	-400	-510	-710	-1000	-191	-240	-88	-108	-137	-186	-40
315	355	-1200 -1560	-1200 -1770	-1200 -2090	-600 -740	-600 -830	-600 -960	-600 -1170	-600 -1490	-360 -449	-360 -500	-360 -590	-360 -720	-210	-210	-210	-210	-210	-210	-125	-125	-62	-62	-62	-62	18
355	400	-1350 -1710	-1350 -1920	-1350 -2240	-680 -820	-680 -910	-680 -1040	-680 -1250	-680 -1570	-400 -489	-400 -540	-400 -630	-400 -760	-299	-350	-440	-570	-780	-1100	-214	-265	-98	-119	-151	-202	-43
400	450	-1500 -1900	-1500 -2130	-1500 -2470	-760 -915	-760 -1010	-760 -1160	-760 -1390	-760 -1730	-440 -537	-440 -595	-440 -690	-440 -840	-230	-230	-230	-230	-230	-230	-135	-135	-68	-68	-68	-68	-20
450	500	-1650 -2050	-1650 -2280	-1650 -2620	-840 -995	-840 -1090	-840 -1240	-840 -1470	-840 -1810	-480 -577	-480 -636	-480 -730	-480 -880	-327	-385	-480	-630	-860	-1200	-232	-290	-108	-131	-165	-223	-47

Névleges méret (mm) felett		Csapok tűrései az ISO 286 szerint																								
-ig		g6	g7	h5	h6	h7	h8	h9	h10	h11	h12	h13	j5	j6	j7	js5	js6	js7	js8	js9	js10	js11	js12	js13	k5	k6
1	3	-2 -8	-2 -12	0 -4	0 -6	0 -10	0 -14	0 -25	0 -40	0 -60	0 -100	0 -140	+2 -2	+4 -2	+6 -4	+2 -2	+3 -3	+5 -5	+7 -7	+12,5 -12,5	+20 -20	+30 -30	+50 -50	+70 -70	+4 0	+6 0
3	6	-4 -12	-4 -16	0 -5	0 -8	0 -12	0 -18	0 -30	0 -48	0 -75	0 -120	0 -180	+3 -2	+6 -2	+8 -4	+2,5 -2,5	+4 -4	+6 -6	+9 -9	+15 -15	+24 -24	+37,5 -37,5	+60 -60	+90 -90	+6 +1	+9 +1
6	10	-5 -14	-5 -20	0 -6	0 -9	0 -15	0 -22	0 -35	0 -58	0 -90	0 -150	0 -220	+4 -2	+7 -2	+10 -5	+3 -3	+4,5 -4,5	+7,5 -7,5	+11 -11	+18 -18	+29 -29	+45 -45	+75 -75	+110 -110	+7 +1	+10 +1
10	14	-6	-6	0	0	0	0	0	0	0	0	0	+5	+8	+12	+4	+5,5	+9	+13,5	+21,5	+35	+55	+90	+135	+9	+12
14	18	-17	-24	-8	-11	-18	-27	-43	-70	-110	-180	-270	-3	-3	-6	-4	-5,5	-9	-13,5	-21,5	-35	-55	-90	-135	+1	+1
18	24	-7	-7	0	0	0	0	0	0	0	0	0	+5	+9	+13	+4,5	+6,5	+10,5	+16,5	+26	+42	+65	+105	+165	+11	+15
24	30	-20	-28	-9	-13	-21	-33	-52	-84	-130	-210	-330	-4	-4	-8	-4,5	-6,5	-10,5	-16,5	-26	-42	-65	-105	-165	+2	+2
30	40	-9	-9	0	0	0	0	0	0	0	0	0	+6	+11	+15	+5,5	+8	+12,5	+19,5	+31	+50	+80	+125	+195	+13	+18
40	50	-25	-34	-11	-16	-25	-39	-62	-100	-160	-250	-390	-5	-5	-10	-5,5	-8	-12,5	-19,5	-31	-50	-80	-125	-195	+2	+2
50	65	-10	-10	0	0	0	0	0	0	0	0	0	+6	+12	+18	+6,5	+9,5	+15	+23	+37	+60	+95	+150	+230	+15	+21
65	80	-29	-40	-13	-19	-30	-46	-74	-120	-190	-300	-460	-7	-7	-12	-6,5	-9,5	-15	-23	-37	-60	-95	-150	-230	+2	+2
80	100	-12	-12	0	0	0	0	0	0	0	0	0	+6	+13	+20	+7,5	+11	+17,5	+27	+43,5	+70	+110	+175	+270	+18	+25
100	120	-34	-47	-15	-22	-35	-54	-87	-140	-220	-350	-540	-9	-9	-15	-7,5	-11	-17,5	-27	-43,5	-70	-110	-175	-270	+3	+3
120	140	-14	-14	0	0	0	0	0	0	0	0	0	+7	+14	+22	+9	+12,5	+20	+31,5	+50	+80	+125	+200	+315	+21	+28
140	160	-39	-54	-18	-25	-40	-63	-100	-160	-250	-400	-630	-11	-11	-18	-9	-12,5	-20	-31,5	-50	-80	-125	-200	-315	+3	+3
160	180	-39	-54	-18	-25	-40	-63	-100	-160	-250	-400	-630	-11	-11	-18	-9	-12,5	-20	-31,5	-50	-80	-125	-200	-315	+3	+3
180	200	-15	-15	0	0	0	0	0	0	0	0	0	+7	+16	+25	+10	+14,5	+23	+36	+57,5	+92,5	+145	+230	+360	+24	+33
200	225	-44	-61	-20	-29	-46	-72	-115	-185	-290	-460	-720	-13	-13	-21	-10	-14,5	-23	-36	-57,5	-92,5	-145	-230	-360	+4	+4
225	250	-44	-61	-20	-29	-46	-72	-115	-185	-290	-460	-720	-13	-13	-21	-10	-14,5	-23	-36	-57,5	-92,5	-145	-230	-360	+4	+4
250	280	-17	-17	0	0	0	0	0	0	0	0	0	+7	+16	+26	+11,5	+16	+26	+40,5	+65	+105	+160	+260	+405	+27	+36
280	315	-49	-69	-23	-32	-52	-81	-130	-210	-320	-520	-810	-16	-16	-26	-11,5	-16	-26	-40,5	-65	-105	-160	-260	-405	+4	+4
315	355	18	-18	0	0	0	0	0	0	0	0	0	+7	+18	+29	+12,5	+18	+28,5	+44,5	+70	+115	+180	+285	+445	+29	+40
355	400	-54	-75	-25	-36	-57	-89	-140	-230	-360	-570	-890	-18	-18	-28	-12,5	-18	-28,5	-44,5	-70	-115	-180	-285	-445	+4	+4
400	450	-20	-20	0	0	0	0	0	0	0	0	0	+7	+20	+31	+13,5	+20	+31,5	+48,5	+77,5	+125	+200	+315	+485	+32	+45
450	500	-60	-83	-27	-40	-63	-97	-155	-250	-400	-630	-970	-20	-20	-32	-13,5	-20	-31,5	-48,5	-77,5	-125	-200	-315	-485	+5	+5

Névleges méret (mm)		Csapok tűrései az ISO 286 szerint																								
felett	-ig	k7	m5	m6	m7	n5	n6	n7	p5	p6	p7	r5	r6	r7	s5	s6	s7	s8	t5	t6	t7	t8	t9	u5	u6	u7
1	3	+10 0	+6 +2	+8 +2	+12 +2	+8 +4	+10 +4	+14 +4	+10 +6	+12 +6	+16 +6	+14 +10	+16 +10	+20 +10	+18 +14	+20 +14	+24 +14	+28 +14	-	-	-	-	-	+22 +18	+24 +18	+28 +18
3	6	+13 +1	+9 +4	+12 +4	+16 +4	+13 +8	+16 +8	+20 +8	+17 +12	+20 +12	+18 +12	+20 +15	+23 +15	+27 +15	+24 +19	+27 +19	+31 +19	+37 +19	-	-	-	-	-	+28 +23	+31 +23	+35 +23
6	10	+16 +1	+12 +6	+15 +6	+21 +6	+16 +10	+19 +10	+25 +10	+21 +15	+24 +15	+30 +15	+25 +19	+28 +19	+34 +19	+29 +23	+32 +23	+38 +23	+45 +23	-	-	-	-	-	+34 +28	+37 +28	+43 +28
10	14	+19	+15	+18	+26	+20	+23	+30	+26	+29	+36	+31	34	+41	+36	+39	+46	+55	-	-	-	-	-	+41	+44	+51
14	18	+1	+7	+7	+7	+12	+12	+12	+18	+18	+18	+23	+23	+23	+28	+28	+28	+28	-	-	-	-	-	+33	+33	+33
18	24	+23	+17	+21	+29	+24	+28	+36	+31	+35	+43	+37	+41	+49	+44	+48	+56	+68	-	-	-	-	-	+50 +41	+54 +41	62 +41
24	30	+2	+8	+8	+8	+15	+15	+15	+22	+22	+22	+28	+28	+28	+35	+35	+35	+35	+50 +41	+54 +41	+62 +41	+74 +41	+93 +41	+57 +48	+61 +48	+69 +48
30	40	+27	+20	+25	+34	+28	+30	+42	+37	+42	+51	+45	+50	+59	+54	+59	+63	+82	+59 +48	+64 +48	+73 +48	+87 +48	+110 +48	+71 +60	+76 +60	+85 +60
40	50	+2	+9	+9	+9	+17	+17	+17	+26	+26	+26	+34	+34	+34	+43	+43	+43	+43	+65 +54	+70 +54	+79 +54	+93 +54	+116 +54	+81 +70	+86 +70	+95 +70
50	65	+32	+24	+30	+41	+33	+39	+50	+45	+51	+62	+54 +41	+60 +41	+71 +41	+65 +53	+72 +53	+83 +53	+99 +53	+78 +66	+85 +66	+96 +66	+112 +66	+140 +66	+100 +87	+106 +87	+117 +87
65	80	+2	+11	+11	+11	+20	+20	+20	+32	+32	+32	+56 +43	+62 +43	+73 +43	+72 +59	+78 +59	+89 +59	+105 +59	+88 +75	+94 +75	+105 +75	+121 +75	+149 +75	+115 +102	+121 +102	+132 +102
80	100	+38	+28	+35	+48	+38	+45	+58	+52	+59	+72	+66 +51	+73 +51	+86 +51	+86 +71	+93 +71	+106 +71	+125 +71	+106 +91	+113 +91	+126 +91	+145 +91	+178 +91	+139 +124	+146 +124	+159 +124
100	120	+3	+13	+13	+13	+23	+23	+23	+37	+37	+37	+69 +54	+76 +54	+89 +54	+94 +79	+101 +79	+114 +79	+133 +79	+119 +104	125 +104	+139 +104	+158 +104	+191 +104	+159 +144	+166 +144	+179 +144
120	140	+43	+33	+40	+55	+45	+52	+67	+61	+68	+83	+81 +63	+88 +63	+103 +63	+110 +92	+117 +92	+132 +92	+155 +92	+140 +122	+147 +122	+162 +122	+185 +122	+222 +122	+188 +170	+195 +170	+210 +170
140	160											+83 +65	+90 +65	+103 +65	+118 +100	+125 +100	+140 +100	+163 +100	+152 +134	+159 +134	+174 +134	+197 +134	+234 +134	+208 +190	+215 +190	+230 +190
160	180	+3	+15	+15	+15	+27	+27	+27	+43	+43	+43	+86 +68	+93 +68	+108 +68	+126 +108	+133 +108	+148 +108	+171 +108	+164 +140	+171 +140	+186 +140	+209 +140	+246 +140	+228 +210	+235 +210	+250 +210
180	200	+50	+37	+46	+63	+51	+60	+77	+70	+79	+96	+97 +77	+106 +77	+123 +77	+142 +122	+151 +122	+168 +122	+194 +122	+186 +166	+195 +166	+212 +166	+238 +166	+281 +166	+256 +236	+265 +236	+282 +236
200	225											+100 +80	+109 +80	+126 +80	+150 +130	+159 +130	+176 +130	+202 +130	+200 +180	+209 +180	+226 +180	+252 +180	+295 +180	+278 +258	+287 +258	+304 +258
225	250	+4	+17	+17	+17	+31	+31	+31	+50	+50	+50	+104 +84	+113 +84	+130 +84	+160 +140	+169 +140	+186 +140	+212 +140	+216 +196	+225 +196	+242 +196	+268 +196	+311 +196	+304 +284	+313 +284	+330 +284
250	280	+56	+43	+52	+72	+57	+66	+86	+79	+88	+108	+117 +94	+126 +94	+146 +94	+181 +158	+190 +158	+210 +158	+239 +158	+241 +218	+250 +218	+270 +218	+299 +218	+348 +218	+338 +315	+347 +315	+367 +315
280	315	+4	+20	+20	+20	+34	+34	+34	+56	+56	+56	+121 +98	+130 +98	+150 +98	+193 +170	+202 +170	+222 +170	+251 +170	+263 +240	+272 +240	+292 +240	+321 +240	+370 +240	+373 +350	+382 +350	+402 +350
315	355	+61	+46	+57	+78	+62	+73	+94	+87	+98	+119	+133 +108	+144 +108	+165 +108	+215 +190	+226 +190	+247 +190	+279 +190	+293 +269	+304 +269	+325 +269	+357 +269	+408 +269	+415 +390	+426 +390	+447 +390
355	400	+4	+21	+21	+21	+37	+37	+37	+62	+62	+62	+139 +114	+150 +114	+171 +114	+233 +208	+244 +208	+265 +208	+297 +208	+319 +294	+330 +294	+351 +294	+383 +294	+434 +294	+460 +435	+471 +435	+492 +435
400	450	+68	+50	+63	+86	+67	+80	+103	+95	+108	+131	+153 +126	+166 +126	+189 +126	+259 +232	+272 +232	+295 +232	+329 +232	+357 +330	+370 +330	+393 +330	+427 +330	+485 +330	+517 +490	+530 +490	+553 +490
450	500	+5	+23	+23	+23	+40	+40	+40	+68	+68	+68	+159 +132	+172 +132	+195 +132	+279 +252	+292 +252	+315 +252	+349 +252	+387 +360	+400 +360	+423 +360	+457 +360	+615 +360	+567 +540	+580 +540	+603 +540

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felett	-ig	u8	u9	u10	x6	x7	x8	x9	x10	x11	z6	z7	z8	z9	z10	z11
1	3	+32 +18	+43 +18	+58 +18	+26 +20	+30 +20	+34 +20	+45 +20	+60 +20	+80 +20	+32 +26	+36 +26	+40 +26	+51 +26	+66 +26	+85 +26
3	6	+41 +23	+53 +23	+71 +23	+36 +28	+40 +28	+46 +28	+58 +28	+76 +28	+103 +28	+43 +35	+47 +35	+53 +35	+65 +35	+83 +35	+110 +35
6	10	+50 +28	+64 +28	+86 +28	+43 +34	+49 +34	+56 +34	+70 +34	+92 +34	+124 +34	+51 +42	+57 +42	+64 +42	+78 +42	+100 +42	+132 +42
10	14	+60	+76	+103	+51 +40	+58 +40	+67 +40	+83 +40	+110 +40	+150 +40	+61 +50	+68 +50	+77 +50	+93 +50	+120 +50	+160 +50
14	18	+33	+33	+33	+56 +45	+63 +45	+72 +45	+88 +45	+115 +45	+155 +45	+71 +60	+78 +60	+87 +60	+103 +60	+130 +60	+170 +60
18	24	+74 +41	+93 +41	+125 +41	+67 +54	+75 +54	+87 +54	+106 +54	+13 +54	+184 +54	+86 +73	+94 +73	+106 +73	+125 +73	+157 +73	+203 +73
24	30	+81 +48	+100 +48	+132 +48	+77 +65	+85 +65	+97 +65	+116 +65	+148 +65	+194 +65	+101 +88	+109 +88	+121 +88	+140 +88	+172 +88	+218 +88
30	40	+99 +60	+122 +60	+160 +60	+96 +80	+105 +80	+119 +80	+142 +80	+180 +80	+240 +80	+128 +112	+137 +112	+151 +112	+174 +112	+212 +112	+272 +112
40	50	+109 +70	+132 +70	+170 +70	+113 +97	+122 +97	+136 +97	+159 +97	+197 +97	+257 +97	+156 +136	+161 +136	+175 +136	+198 +136	+236 +136	+296 +136
50	65	+133 +87	+161 +87	+207 +87	+141 +122	+152 +122	+168 +122	+196 +122	+242 +122	+312 +122	+191 +172	+202 +172	+218 +172	+246 +172	+292 +172	+362 +172
65	80	+148 +102	+176 +102	+222 +102	+165 +146	+176 +146	+192 +146	+22 +146	+266 +146	+336 +146	+229 +210	+240 +210	+256 +210	+284 +210	+330 +210	+400 +210
80	100	+178 +124	+211 +124	+264 +124	+200 +178	+213 +178	+232 +178	+265 +178	+318 +178	+398 +178	+280 +258	+293 +258	+312 +258	+345 +258	+398 +258	+478 +258
100	120	+198 +144	+231 +144	+284 +144	+232 +210	+245 +210	+264 +210	+297 +210	+350 +210	+430 +210	+332 +310	+345 +310	+364 +310	+397 +310	+450 +310	+530 +310
120	140	+233 +170	+270 +170	+330 +170	+273 +248	+288 +248	+311 +248	+348 +248	+408 +248	+498 +248	+390 +365	+405 +365	+428 +365	+465 +365	+525 +365	+615 +365
140	160	+253 +190	+290 +190	+350 +190	+305 +280	+320 +280	+343 +280	+380 +280	+440 +280	+530 +280	+440 +415	+455 +415	+478 +415	+515 +415	+575 +415	+665 +415
160	180	+273 +210	+310 +210	+370 +210	+335 +310	+350 +310	+373 +310	+410 +310	+470 +310	+560 +310	+490 +465	+505 +465	+528 +465	+565 +465	+625 +465	+715 +465
180	200	+305 +236	+351 +236	+421 +236	+379 +350	+396 +350	+422 +350	+465 +350	+535 +350	+640 +350	+549 +520	+566 +520	+592 +520	+635 +520	+705 +520	+810 +520
200	225	+330 +258	+373 +258	+443 +258	+414 +385	+431 +385	+457 +385	+500 +385	+570 +385	+675 +385	+604 +575	+621 +575	+647 +575	+690 +575	+760 +575	+865 +575
225	250	+356 +284	+399 +284	+469 +284	+454 +425	+471 +425	+497 +425	+540 +425	+610 +425	+715 +425	+669 +640	+686 +640	+712 +640	+755 +640	+825 +640	+930 +640
250	280	+396 +315	+445 +315	+525 +315	+507 +475	+527 +475	+556 +475	+605 +475	+685 +475	+795 +475	+742 +710	+762 +710	+791 +710	+840 +710	+920 +710	+1030 +710
280	315	+431 +350	+480 +350	+560 +350	+557 +525	+577 +525	+606 +525	+655 +525	+735 +525	+845 +525	+822 +790	+842 +790	+871 +790	+920 +790	+1000 +790	+1110 +790
315	355	+479 +390	+530 +390	+620 +390	+626 +590	+647 +590	+679 +590	+730 +590	+820 +590	+950 +590	+936 +900	+957 +900	+989 +900	+1040 +900	+1130 +900	+1260 +900
355	400	+524 +435	+575 +435	+665 +435	+696 +660	+717 +660	+749 +660	+800 +660	+890 +660	+1020 +660	+1036 +1000	+1057 +1000	+1089 +1000	+1140 +1000	+1230 +1000	+1360 +1000
400	450	+587 +490	+645 +490	+740 +490	+780 +740	+803 +740	+837 +740	+895 +740	+990 +740	+1140 +740	+1140 +1100	+1163 +1100	+1197 +1100	+1255 +1100	+1350 +1100	+1500 +1100
450	500	+632 +540	+695 +540	+790 +540	+860 +820	+883 +820	+917 +820	+975 +820	+1070 +820	+1220 +820	+1290 +1250	+1313 +1250	+1347 +1250	+1405 +1250	+1500 +1250	+1650 +1250

Névleges méret (mm)		Furatok tűrései az ISO 286 szerint																								
felett	-ig	A11	A12	A13	B9	B10	B11	B12	B13	C8	C9	C10	C11	D8	D9	D10	D11	D12	D13	E8	E9	F6	F7	F8	F9	G5
1	3	+330 +270	+370 +270	+410 +270	+165 +140	+180 +140	+200 +140	+240 +140	+280 +140	+74 +60	+85 +60	+100 +60	+120 +60	+34 +20	+45 +20	+60 +20	+80 +20	+120 +20	+150 +20	+28 +14	+39 +14	+12 +6	+15 +6	+20 +6	+31 +6	+6 +2
3	6	+345 +270	+390 +270	+450 +270	+170 +140	+188 +140	+215 +140	+260 +140	+320 +140	+88 +70	+100 +70	+118 +70	+145 +70	+48 +30	+60 +30	+78 +30	+105 +30	+150 +30	+210 +30	+38 +20	+50 +20	+18 +10	+22 +10	+28 +10	+40 +10	+9 +4
6	10	+370 +280	+430 +280	+500 +280	+186 +150	+208 +150	+240 +150	+300 +150	+370 +150	+102 +80	+116 +80	+138 +80	+170 +80	+62 +40	+72 +40	+98 +40	+130 +40	+190 +40	+260 +40	+47 +25	+61 +25	+22 +13	+28 +13	+35 +13	+49 +13	+11 +5
10	14	+400	+470	+560	+193	+220	+260	+330	+420	+122	+138	+165	+205	+77	+93	+120	+160	+230	+320	+59	+75	+27	+34	+43	+59	+14
14	18	+290	+290	+290	+150	+150	+150	+150	+150	+95	+95	+95	+95	+50	+50	+50	+50	+50	+50	+32	+32	+16	+16	+16	+16	+6
18	24	+430	+510	+630	+212	+244	+290	+370	+490	+143	+162	+194	+240	+98	+117	+149	+195	+275	+395	+73	+92	+33	+41	+53	+72	+16
24	30	+300	+300	+300	+160	+160	+160	+160	+160	+110	+110	+110	+110	+65	+65	+65	+65	+65	+65	+40	+40	+20	+20	+20	+20	+7
30	40	+470 +310	+550 +310	+700 +310	+232 +170	+270 +170	+330 +170	+420 +170	+560 +170	+159 +120	+182 +120	+220 +120	+260 +120	+119	+142	+180	+240	+330	+470	+89	+112	+41	+50	+64	+87	+20
40	50	+480 +320	+570 +320	+710 +320	+242 +180	+280 +180	+340 +180	+430 +180	+570 +180	+169 +130	+192 +130	+230 +130	+290 +130	+80	+80	+80	+80	+80	+80	+50	+50	+25	+25	+25	+25	+9
50	65	+530 +340	+640 +340	+800 +340	+264 +190	+310 +190	+380 +190	+490 +190	+650 +190	+186 +140	+214 +140	+260 +140	+330 +140	+146	+174	+220	+290	+400	+560	+106	+134	+49	+60	+76	+104	+23
65	80	+550 +360	+660 +360	+820 +360	+274 +200	+320 +200	+390 +200	+500 +200	+660 +200	+196 +150	+224 +150	+270 +150	+340 +150	+100	+100	+100	+100	+100	+100	+60	+60	+30	+30	+30	+30	+10
80	100	+600 +380	+730 +380	+920 +380	+307 +220	+360 +220	+440 +220	+670 +220	+760 +220	+224 +170	+257 +170	+310 +170	+390 +170	+174	+207	+260	+340	+470	+660	+125	+159	+68	+71	+90	+123	+27
100	120	+630 +410	+760 +410	+950 +410	+327 +240	+380 +240	+460 +240	+590 +240	+780 +240	+234 +180	+267 +180	+320 +180	+400 +180	+120	+120	+120	+120	+120	+120	+72	+72	+36	+36	+36	+36	+12
120	140	+710 +460	+860 +460	+1090 +460	+360 +260	+420 +260	+510 +260	+660 +260	+890 +260	+263 +200	+300 +200	+360 +200	+450 +200	+208	+245	+305	+395	+545	+775	+140	+185	+68	+83	+106	+143	+32
140	160	+770 +520	+920 +520	+1150 +520	+380 +280	+440 +280	+530 +280	+680 +280	+910 +280	+273 +210	+310 +210	+370 +210	+460 +210	+145	+145	+145	+145	+145	+145	+85	+85	+43	+43	+43	+43	+14
160	180	+830 +580	+980 +580	+1210 +580	+410 +310	+470 +310	+560 +310	+710 +310	+940 +310	+293 +230	+330 +230	+380 +230	+480 +230	+145	+145	+145	+145	+145	+145	+85	+85	+43	+43	+43	+43	+14
180	200	+950 +660	+1120 +660	+1380 +660	+455 +340	+525 +340	+630 +340	+800 +340	+1060 +340	+312 +240	+355 +240	+425 +240	+530 +240	+242	+285	+335	+460	+630	+890	+172	+215	+79	+96	+122	+165	+35
200	225	+1030 +740	+1200 +740	+1460 +740	+495 +380	+565 +380	+670 +380	+840 +380	+1100 +380	+332 +260	+375 +260	+445 +260	+550 +260	+170	+170	+170	+170	+170	+170	+100	+100	+50	+50	+50	+50	+15
225	250	+1110 +820	+1280 +820	+1540 +820	+535 +420	+605 +420	+710 +420	+880 +420	+1140 +420	+352 +280	+395 +280	+465 +280	+570 +280	+170	+170	+170	+170	+170	+170	+100	+100	+50	+50	+50	+50	+15
250	280	+1240 +920	+1440 +920	+1730 +920	+610 +480	+690 +480	+800 +480	+1000 +480	+1290 +480	+381 +300	+430 +300	+510 +300	+620 +300	+271	+320	+400	+510	+710	+1000	+191	+240	+88	+108	+137	+186	+40
280	315	+1370 +1050	+1570 +1050	+1860 +1050	+670 +540	+750 +540	+860 +540	+1060 +540	+1350 +540	+411 +330	+460 +330	+540 +330	+650 +330	+190	+190	+190	+190	+190	+190	+110	+110	+56	+56	+56	+56	+17
315	355	+1560 +1200	+1770 +1200	+2090 +1200	+740 +600	+830 +600	+960 +600	+1170 +600	+1490 +600	+449 +360	+500 +360	+590 +360	+720 +360	+299	+350	+440	+570	+780	+1100	+214	+265	+98	+119	+151	+202	+43
355	400	+1710 +1350	+1920 +1350	+2240 +1350	+820 +680	+910 +680	+1040 +680	+1250 +680	+1570 +680	+489 +400	+540 +400	+630 +400	+760 +400	+210	+210	+210	+210	+210	+210	+125	+125	+62	+62	+62	+62	+18
400	450	+1900 +1500	+2130 +1500	+2470 +1500	+915 +760	+1010 +760	+1160 +760	+1390 +760	+1730 +760	+537 +440	+595 +440	+690 +440	+840 +440	+327	+385	+480	+630	+860	+1200	+232	+290	+108	+131	+165	+223	+47
450	500	+2050 +1650	+2280 +1650	+2620 +1650	+995 +840	+1090 +840	+1240 +840	+1470 +840	+1810 +840	+577 +480	+636 +480	+730 +480	+880 +480	+230	+230	+230	+230	+230	+230	+135	+135	+68	+68	+68	+68	+20

Névleges méret (mm)		Furatok tűrései az ISO 286 szerint																								
felett	-ig	G6	G7	H5	H6	H7	H8	H9	H10	H11	H12	H13	J6	J7	J8	JS5	JS6	JS7	JS8	JS9	JS10	JS11	JS12	JS13	K6	K7
1	3	+8 +2	+12 +2	+4 0	+6 0	+10 0	+14 0	+25 0	+40 0	+60 0	+100 0	+140 0	+2 -4	+4 -6	+6 -8	2 -2	3 -3	5 -5	7 -7	12,5 -12,5	20 -20	30 -30	50 -50	70 -70	0 -6	0 -10
3	6	+12 +4	+16 +4	+5 0	+8 0	+12 0	+18 0	+30 0	+48 0	+75 0	+120 0	+180 0	+5 -3	+6 -6	+10 -8	+2,5 -2,5	+4 -4	+6 -6	+9 -9	+15 -15	+24 -24	+37,5 -37,5	+60 -60	+90 -90	+2 -6	+3 -9
6	10	+14 +5	+20 +5	+6 0	+9 0	+15 0	+22 0	+35 0	+58 0	+90 0	+150 0	+220 0	+5 -4	+8 -7	+12 -10	+3 -3	+4,5 -4,5	+7,5 -7,5	+11 -11	+18 -18	+29 -29	+45 -45	+75 -75	+110 -110	+2 -7	+5 -10
10	14	+17	+24	+8	+11	+18	+27	+43	+70	+110	+180	+270	+6	+10	+15	+4	+5,5	+9	+13,5	+21,5	+35	+55	+90	+135	+2	+6
14	18	+6	+6	0	0	0	0	0	0	0	0	0	-5	-8	-12	-4	-5,5	-9	-13,5	-21,5	-35	-55	-90	-135	-9	-12
18	24	+20	+28	+9	+13	+21	+33	+52	+84	+130	+210	+330	+8	+12	+20	+4,5	+6,5	+10,5	+16,5	+26	+42	+65	+105	+165	+2	+6
24	30	+7	+7	0	0	0	0	0	0	0	0	0	-5	-9	-13	-4,5	-6,5	-10,5	-16,5	-26	-42	-65	-105	-165	-11	-15
30	40	+25	+34	+11	+16	+25	+39	+62	+100	+160	+250	+390	+10	+14	+24	+5,5	+8	+12,5	+19,5	+31	+50	+80	+125	+195	+3	+7
40	50	+9	+9	0	0	0	0	0	0	0	0	0	-6	-11	-15	-5,5	-8	-12,5	-19,5	-31	-50	-80	-125	-195	-13	-18
50	65	+29	+40	+13	+19	+30	+46	+74	+120	+190	+300	+460	+13	+18	+28	+6,5	+9,5	+15	+23	+37	+60	+95	+150	+230	+4	+9
65	80	+10	+10	0	0	0	0	0	0	0	0	0	-6	-12	-18	-6,5	-9,5	-15	-23	-37	-60	-95	-150	-230	-15	-21
80	100	+34	+47	+15	+22	+35	+54	+87	+140	+220	+350	+540	+16	+22	+34	+7,5	+11	+17,5	+27	+43,5	+70	+110	+175	+270	+4	+10
100	120	+12	+12	0	0	0	0	0	0	0	0	0	-6	-13	-20	-7,5	-11	-17,5	-27	-43,5	-70	-110	-175	-270	-18	-25
120	140	+39	+54	+18	+25	+40	+63	+100	+160	+250	+400	+630	+18	+26	+41	+9	+12,5	+20	+31,5	+50	+80	+125	+200	+315	+4	+12
140	160																									
160	180	+14	+14	0	0	0	0	0	0	0	0	0	-7	-14	-22	-9	-12,5	-20	-31,5	-50	-80	-125	-200	-315	-21	-28
180	200	+44	+61	+20	+29	+46	+72	+115	+185	+290	+460	+720	+22	+30	+47	+10	+14,5	+23	+36	+57,5	+92,5	+145	+230	+360	+5	+13
200	225																									
225	250	+15	+15	0	0	0	0	0	0	0	0	0	-7	-16	-25	-10	-14,5	-23	-36	-57,5	-92,5	-145	-230	-360	-24	-33
250	280	+49	+69	+23	+32	+52	+81	+130	+210	+320	+520	+810	+25	+36	+55	+11,5	+16	+26	+40,5	+65	+105	+160	+260	+405	+5	+16
280	315	+17	+17	0	0	0	0	0	0	0	0	0	-7	-16	-25	-11,5	-16	-26	-40,5	-65	-105	-160	-260	-405	-27	-36
315	355	+54	+75	+25	+36	+57	+89	+140	+230	+360	+570	+890	+29	+39	+60	+12,5	+18	+28,5	+44,5	+70	+115	+180	+285	+445	+7	+17
355	400	-18	+18	0	0	0	0	0	0	0	0	0	-7	-18	-29	-12,5	-18	-28,5	-44,5	-70	-115	-180	-285	-445	-29	-40
400	450	+60	+83	+27	+40	+63	+97	+155	+250	+400	+630	+970	+33	+43	+66	+13,5	+20	+31,5	+48,5	+77,5	+125	+200	+315	+485	+8	+18
450	500	+20	+20	0	0	0	0	0	0	0	0	0	-7	-20	-31	-13,5	-20	-31,5	-48,5	-77,5	-125	-200	-315	-485	-32	-45

Névleges méret (mm)		Furatok tűrései az ISO 286 szerint																								
felett	-ig	K8	M6	M7	M8	N6	N7	N8	N9	P5	P6	P7	P8	R6	R7	S6	S7	S8	T6	T7	T8	T9	U6	U7	U8	U9
1	3	0 -14	-2 -8	-2 -12	-2 -16	-4 -10	-4 -14	-4 -18	-4 -29	-6 -12	-6 -16	-6 -20	-6 -31	-10 -16	-10 -20	-14 -20	-14 -24	-14 -28	-	-	-	-	-18 -24	-18 -28	-18 -32	-18 -43
3	6	+5 -13	-1 -9	0 -12	+2 -16	-5 -13	-4 -16	-2 -20	0 -30	-9 -17	-6 -20	-12 -30	-12 -42	-12 -20	-11 -23	-16 -24	-15 -27	-19 -37	-	-	-	-	-20 -28	-19 -31	-23 -41	-23 -53
6	10	+6 -16	-3 -12	0 -15	+1 -21	-7 -16	-4 -19	-3 -25	0 -36	-12 -21	-9 -24	-15 -37	-15 -51	-16 -25	-13 -28	-20 -29	-17 -32	-23 -45	-	-	-	-	-25 -34	-22 -37	-28 -50	-28 -64
10	14	+8	-4	0	+2	-9	-5	-3	0	-15	-11	-18	-18	-20	-16	-25	-21	-28	-	-	-	-	-30	-26	-33	-33
14	18	-19	-15	-18	-25	-20	-23	-30	-43	-26	-29	-45	-61	-31	-34	-36	-39	-55	-	-	-	-	-41	-44	-60	-76
18	24	+10	-4	0	+4	-11	-7	-3	0	-16	-14	-22	-22	-24	-20	-31	-27	-35	-	-	-	-	-37 -50	-33 -54	-41 -74	-41 -93
24	30	-23	-17	-21	-29	-24	-28	-36	-52	-31	-35	-55	-74	-37	-41	-44	-48	-68	-37 -50	-33 -54	-41 -74	-41 -93	-44 -57	-40 -61	-48 -81	-60 -100
30	40	+12	-4	0	+5	-12	-8	-3	0	-21	-17	-26	-26	-29	-25	-38	-24	-43	-43 -59	-39 -54	-48 -87	-48 -110	-55 -71	-51 -75	-60 -99	-60 -122
40	50	-27	-20	-25	-34	-28	-33	-42	-62	-37	-42	-65	-88	-45	-50	-54	-59	-82	-49 -55	-45 -70	-54 -93	-54 -116	-65 -81	-61 -86	-70 -109	-70 -132
50	65	+14	-5	0	+5	-14	-9	-4	0	-26	-21	-32	-32	-35 -54	-30 -60	-47 -66	-42 -72	-53 -99	-60 -79	-55 -88	-66 -112	-66 -140	-81 -100	-76 -106	-87 -133	-87 -161
65	80	-32	-24	-30	-41	-33	-39	-50	-74	-45	-51	-78	-106	-37 -56	-32 -62	-53 -72	-48 -78	-59 -105	-69 -88	-54 -94	-75 -121	-75 -149	-96 -115	-91 -121	-102 -148	-102 -176
80	100	+16	-6	0	+6	-16	-10	-4	0	-30	-24	-37	-37	-44 -66	-38 -73	-64 -86	-58 -93	-71 -125	-84 -106	-78 -113	-91 -145	-91 -178	-117 -139	-111 -146	-124 -178	-124 -211
100	120	-38	-28	-36	-48	-38	-45	-58	-87	-52	-59	-91	-124	-47 -69	-41 -76	-72 -94	-66 -101	-79 -133	-97 -119	-91 -126	-104 -158	-104 -191	-137 -159	-131 -166	-144 -198	-144 -231
120	140	+20	-8	0	+8	-20	-12	-4	0	-36	-28	-43	-43	-56 -81	-48 -88	-85 -110	-77 -117	-92 -155	-115 -140	-107 -147	-122 -185	-122 -222	-163 -188	-155 -195	-170 -233	-170 -270
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Névleges méret (mm)		Furatok tűrései az ISO 286 szerint											
felett	-ig	U10	X7	X8	X9	X10	X11	Z6	Z7	Z8	Z9	Z10	Z11
1	3	-18 -58	-20 -30	-20 -34	-20 -45	-20 -60	-20 -80	-26 -36	-26 -36	-26 -40	-26 -51	-26 -66	-26 -85
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