

Universal Multiple-Octet Coded Character Set
International Organization for Standardization
Organisation Internationale de Normalisation
Международная организация по стандартизации

Doc Type: Working Group Document

Title: Code chart font for Rovas block

Source: Hungarian National Body

Status: National Body Contribution

Action: For consideration by UTC and ISO/IEC JTC1/SC2/WG2

Date: 2012-02-06

This document gives glyph refinement of the Rovas (*r-o-w-a-sh*) characters proposed in the N4183 (2012-01-11). Please send any response to this contribution to Gábor Hosszú Dr. (email: hosszu@eet.bme.hu), representative of the Hungarian National Body.

Contents

1. <i>About the Rovas glyphs</i>	1
2. <i>Szekely-Hungarian Rovas sub-group of the ROVAS block</i>	2
3. <i>CARPATHIAN BASIN ROVAS sub-group of the ROVAS block</i>	5
4. <i>KHAZARIAN ROVAS sub-group of the ROVAS block</i>	7
5. <i>Rovas NUMERALS sub-group of the ROVAS block</i>	9
6. <i>PUNCTUATION SYMBOLS in the Supplemental Punctuation block</i>	10
7. <i>Examples for using the Rovas font of this document</i>	11
8. <i>References</i>	15

1. About the Rovas glyphs

The Hungarian National Body does appreciate the growing attention to the encoding process of the Rovas scripts, especially the concerns of other national bodies, e.g. N4196 (2012-01-28), the contribution of the Irish National Body.

First of all, it is necessary to correct the erroneous statement in N4196, that Rovas Info is the website of the author of N4183.

Moreover, the font named “Csenge” is an acknowledged typographical solution for design purposes but the Hungarian National Body does not support its utilization in the code chart for its artistic, cursive nature. Instead, a more simple, morphologically correct, well-proportioned and above all, easily readable “generic” font will be necessary.

The font proposed for encoding in N4196 is more readable linear design style than “Csenge”; however the shapes of the characters show a primitive stage of the design process and there are serious problems in proportionality, shapeliness and typographic rules. Moreover, the script name, the names of the characters and the character order are not acceptable for the Hungarian National Body and the user community. See detailed reasoning in N4183 and related earlier contributions of the Hungarian National Body.

As for the font for the code chart, the Hungarian National Body already clearly stated in N4183 that can and will provide the necessary font for encoding the Rovas scripts. So, the Hungarian National Body proposes to use the font set developed by the Rovas Foundation in collaboration with typography experts and the user community.

The font in question is the 3.0 generation of the generic Rovas font and actually, it is in practical use since 2009 in book publishing (more than ten thousand books in Rovas already sold), in the Hungarian city-limit sign system (350 city-limit signs – plan to triple in 2012 – by cooperation with the Hungarian Public Road Co.), several designs and industrial application. In fact, 99% of the physically existing Rovas characters in the world are based on this font.

2. Szekely-Hungarian Rovas sub-group of the ROVAS block

1x000

ROVAS Characters

1x09F

	1x00	1x01	1x02	1x03	1x04	1x05	1x06	1x07	1x08	1x09
0	𐀀 1x000	𐀁 1x010	𐀂 1x020	𐀃 1x030	𐀄 1x040	𐀅 1x050	𐀆 1x060	𐀇 1x070	𐀈 1x080	𐀉 1x090
1	𐀊 1x001	𐀋 1x011	𐀌 1x021	𐀍 1x031	𐀎 1x041	𐀏 1x051	𐀐 1x061	𐀑 1x071	𐀒 1x081	𐀓 1x091
2	𐀕 1x002	𐀖 1x012	𐀗 1x022	𐀘 1x032	𐀙 1x042	𐀚 1x052	𐀛 1x062	𐀜 1x072	𐀝 1x082	𐀞 1x092
3	𐀟 1x003	𐀠 1x013	𐀡 1x023	𐀢 1x033	𐀣 1x043	𐀤 1x053	𐀥 1x063	𐀦 1x073	𐀧 1x083	𐀨 1x093
4	𐀫 1x004	𐀬 1x014	𐀭 1x024	𐀮 1x034	𐀯 1x044	𐀰 1x054	𐀱 1x064	𐀲 1x074	𐀳 1x084	𐀴 1x094
5	𐀷 1x005	𐀸 1x015	𐀹 1x025	𐀺 1x035	𐀻 1x045	𐀼 1x055	𐀽 1x065	𐀾 1x075	𐀿 1x085	𐁀 1x095
6	𐁃 1x006	𐁄 1x016	𐁅 1x026	𐁆 1x036	1x046	𐁇 1x056	𐁈 1x066	𐁉 1x076	𐁊 1x086	1x096
7	𐁍 1x007	𐁎 1x017	𐁏 1x027	𐁐 1x037	1x047	𐁑 1x057	𐁒 1x067	𐁓 1x077	𐁔 1x087	1x097
8	𐁗 1x008	𐁘 1x018	𐁙 1x028	𐁚 1x038	1x048	𐁛 1x058	𐁜 1x068	𐁝 1x078	𐁞 1x088	1x098
9	𐁟 1x009	𐁠 1x019	𐁡 1x029	𐁢 1x039	1x049	𐁣 1x059	𐁤 1x069	𐁥 1x079	𐁦 1x089	1x099
A	𐁩 1x00A	𐁪 1x01A	𐁫 1x02A	𐁬 1x03A	1x04A	𐁭 1x05A	𐁮 1x06A	𐁯 1x07A	𐁰 1x08A	1x09A
B	𐁴 1x00B	𐁵 1x01B	𐁶 1x02B	𐁷 1x03B	1x04B	𐁸 1x05B	𐁹 1x06B	𐁺 1x07B	𐁻 1x08B	1x09B
C	𐁿 1x00C	𐂀 1x01C	𐂁 1x02C	𐂂 1x03C	1x04C	𐂃 1x05C	𐂄 1x06C	𐂅 1x07C	𐂆 1x08C	1x09C
D	𐂉 1x00D	𐂊 1x01D	𐂋 1x02D	𐂌 1x03D	1x04D	𐂍 1x05D	𐂎 1x06D	𐂏 1x07D	𐂐 1x08D	1x09D
E	𐂕 1x00E	𐂖 1x01E	𐂗 1x02E	𐂘 1x03E	1x04E	𐂙 1x05E	𐂚 1x06E	𐂛 1x07E	𐂜 1x08E	1x09E
F	𐂟 1x00F	𐂠 1x01F	𐂡 1x02F	𐂢 1x03F	1x04F	𐂣 1x05F	𐂤 1x06F	𐂥 1x07F	𐂦 1x08F	1x09F

UPPERCASE LETTERS

1x000; 4 ROVAS CAPITAL LETTER A
1x001; 4 ROVAS CAPITAL LETTER AA
1x002; X ROVAS CAPITAL LETTER B
→ 1x110; X rovas letter crossed l
1x003; ↑ ROVAS CAPITAL LETTER C
1x004; 𐌸 ROVAS CAPITAL LETTER CS
1x005; † ROVAS CAPITAL LETTER D
1x006; 𐌹 ROVAS CAPITAL LETTER DZ
1x007; 𐌺 ROVAS CAPITAL LETTER DZS
1x008; 𐌻 ROVAS CAPITAL LETTER E
1x009; 𐌼 ROVAS CAPITAL LETTER CLOSE E
→ 1x00E; 𐌼 rovas capital letter h
1x00A; 𐌽 ROVAS CAPITAL LETTER EE
1x00B; 𐌾 ROVAS CAPITAL LETTER F
1x00C; 𐌿 ROVAS CAPITAL LETTER G
1x00D; 𐍀 ROVAS CAPITAL LETTER GY
1x00E; 𐍁 ROVAS CAPITAL LETTER H
→ 1x009; 𐍁 rovas capital letter close e
1x00F; † ROVAS CAPITAL LETTER I
1x010; † ROVAS CAPITAL LETTER II
→ 1x111; † rovas letter forked l
1x011; † ROVAS CAPITAL LETTER J
→ 1x0AD; † rovas capital letter angled i
→ 1x0B8; † rovas capital letter simple p
1x012; 𐍂 ROVAS CAPITAL LETTER K
→ 1x118; 𐍂 rovas letter close q
1x013; 𐍃 ROVAS CAPITAL LETTER OPEN K
1x014; 𐍄 ROVAS CAPITAL LETTER L
1x015; 𐍅 ROVAS CAPITAL LETTER LY
1x016; 𐍆 ROVAS CAPITAL LETTER M
1x017; 𐍇 ROVAS CAPITAL LETTER N
→ 1x0B2; 𐍇 rovas capital letter simple l
1x018; 𐍈 ROVAS CAPITAL LETTER NY
→ 1x0AF; 𐍈 rovas capital letter close j
1x019; 𐍉 ROVAS CAPITAL LETTER O
1x01A; 𐍊 ROVAS CAPITAL LETTER OO
1x01B; X ROVAS CAPITAL LETTER OE
1x01C; X ROVAS CAPITAL LETTER OEE
1x01D; 𐍋 ROVAS CAPITAL LETTER P
1x01E; 𐍌 ROVAS CAPITAL LETTER Q
1x01F; 𐍍 ROVAS CAPITAL LETTER R
1x020; 𐍎 ROVAS CAPITAL LETTER S
1x021; 𐍏 ROVAS CAPITAL LETTER SZ
1x022; 𐍐 ROVAS CAPITAL LETTER T
→ 1x0A6; 𐍐 rovas capital letter forked e
1x023; X ROVAS CAPITAL LETTER TY
1x024; 𐍑 ROVAS CAPITAL LETTER U
1x025; 𐍒 ROVAS CAPITAL LETTER UU
1x026; 𐍓 ROVAS CAPITAL LETTER CLOSE UE
1x027; 𐍔 ROVAS CAPITAL LETTER OPEN UE
1x028; 𐍕 ROVAS CAPITAL LETTER CLOSE UEE
1x029; 𐍖 ROVAS CAPITAL LETTER OPEN UEE
1x02A; 𐍗 ROVAS CAPITAL LETTER V

→ 1x112; 𐍘 rovas letter lt
→ 1x121; 𐍘 rovas letter sharp ue
1x02B; 𐍙 ROVAS CAPITAL LETTER W
1x02C; 𐍚 ROVAS CAPITAL LETTER X
1x02D; † ROVAS CAPITAL LETTER Y
1x02E; 𐍛 ROVAS CAPITAL LETTER Z
1x02F; 𐍜 ROVAS CAPITAL LETTER ZS
1x030; 𐍝 ROVAS CAPITAL LETTER AMB
1x031; X ROVAS CAPITAL LETTER AND
1x032; 𐍞 ROVAS CAPITAL LETTER ANT
→ 1x034; 𐍞 rovas capital letter ent
→ 1x11E; 𐍞 rovas letter forked sz
1x033; 𐍟 ROVAS CAPITAL LETTER EMP
1x034; 𐍠 ROVAS CAPITAL LETTER ENT
→ 1x032; 𐍠 rovas capital letter ant
→ 1x11E; 𐍠 rovas letter forked sz
1x035; 𐍡 ROVAS CAPITAL LETTER TPRUS
1x036; 𐍢 ROVAS CAPITAL LETTER TPRU
1x037; 𐍣 ROVAS CAPITAL LETTER MB
1x038; 𐍤 ROVAS CAPITAL LETTER NAP
1x039; 𐍥 ROVAS CAPITAL LETTER NB
1x03A; 𐍦 ROVAS CAPITAL LETTER UNK
1x03B; 𐍧 ROVAS CAPITAL LETTER US
1x03C; 𐍨 ROVAS CAPITAL LETTER ENC
1x03D; 𐍩 ROVAS CAPITAL LETTER DIAGONAL F
1x03E; X ROVAS CAPITAL LETTER CH
1x03F; 𐍪 ROVAS CAPITAL LETTER GH
1x040; 𐍫 ROVAS CAPITAL LETTER SHARP K
1x041; 𐍬 ROVAS CAPITAL LETTER CIRCLE ENDED O
1x042; 𐍭 ROVAS CAPITAL LETTER OPEN OE
1x043; 𐍮 ROVAS CAPITAL LETTER SHORT R
→ 1x0A9; 𐍮 rovas capital letter short g
1x044; 𐍯 ROVAS CAPITAL LETTER SCH
1x045; 𐍰 ROVAS CAPITAL LETTER OPEN V
→ 1x0A7; 𐍰 rovas capital letter open f
1x046; (This position shall not be used)
1x047; (This position shall not be used)
1x048; (This position shall not be used)
1x049; (This position shall not be used)
1x04A; (This position shall not be used)
1x04B; (This position shall not be used)
1x04C; (This position shall not be used)
1x04D; (This position shall not be used)
1x04E; (This position shall not be used)
1x04F; (This position shall not be used)

LOWERCASE LETTERS

1x050; 4 ROVAS SMALL LETTER A
1x051; 4 ROVAS SMALL LETTER AA
1x052; X ROVAS SMALL LETTER B
1x053; ↑ ROVAS SMALL LETTER C
1x054; 𐍑 ROVAS SMALL LETTER CS
1x055; † ROVAS SMALL LETTER D
1x056; 𐍙 ROVAS SMALL LETTER DZ
1x057; 𐍚 ROVAS SMALL LETTER DZS
1x058; 𐍛 ROVAS SMALL LETTER E
1x059; 𐍜 ROVAS SMALL LETTER CLOSE E
→ 1x05E; 𐍜 rovas small letter h
1x05A; 𐍽 ROVAS SMALL LETTER EE

1x05B; Ⓕ ROVAS SMALL LETTER F
1x05C; Ⓖ ROVAS SMALL LETTER G
1x05D; ꝛ ROVAS SMALL LETTER GY
1x05E; Ꝙ ROVAS SMALL LETTER H
→ 1x059; ꝙ rovas small letter close e
1x05F; Ꝛ ROVAS SMALL LETTER I
1x060; ꝛ ROVAS SMALL LETTER II
1x061; Ꝝ ROVAS SMALL LETTER J
→ 1x0DD; ꝝ rovas small angled i
→ 1x0E8; Ꝟ rovas small letter simple p
1x062; ꝟ ROVAS SMALL LETTER K
1x063; Ꝡ ROVAS SMALL LETTER OPEN K
1x064; ꝡ ROVAS SMALL LETTER L
1x065; Ꝣ ROVAS SMALL LETTER LY
1x066; ꝣ ROVAS SMALL LETTER M
1x067; Ꝥ ROVAS SMALL LETTER N
→ 1x0E2; ꝥ rovas small letter simple l
1x068; Ꝧ ROVAS SMALL LETTER NY
→ 1x0DF; ꝧ rovas small close j
1x069; Ꝩ ROVAS SMALL LETTER O
1x06A; ꝩ ROVAS SMALL LETTER OO
1x06B; Ꝫ ROVAS SMALL LETTER OE
1x06C; ꝫ ROVAS SMALL LETTER OEE
1x06D; Ꝭ ROVAS SMALL LETTER P
1x06E; ꝭ ROVAS SMALL LETTER Q
1x06F; Ꝯ ROVAS SMALL LETTER R
1x070; ꝯ ROVAS SMALL LETTER S
1x071; ꝰ ROVAS SMALL LETTER SZ
1x072; ꝱ ROVAS SMALL LETTER T
→ 1x0D6; ꝲ rovas small letter forked e
1x073; ꝳ ROVAS SMALL LETTER TY
1x074; ꝴ ROVAS SMALL LETTER U
1x075; ꝵ ROVAS SMALL LETTER UU
1x076; ꝶ ROVAS SMALL LETTER CLOSE UE
1x077; ꝷ ROVAS SMALL LETTER OPEN UE
1x078; ꝸ ROVAS SMALL LETTER CLOSE UEE
1x079; Ꝺ ROVAS SMALL LETTER OPEN UEE
1x07A; ꝺ ROVAS SMALL LETTER V
1x07B; Ꝼ ROVAS SMALL LETTER W
1x07C; ꝼ ROVAS SMALL LETTER X
1x07D; Ᵹ ROVAS SMALL LETTER Y
1x07E; Ꝿ ROVAS SMALL LETTER Z
1x07F; ꝿ ROVAS SMALL LETTER ZS
1x080; Ꝁ ROVAS SMALL LETTER AMB
1x081; ꝁ ROVAS SMALL LETTER AND
1x082; Ꝃ ROVAS SMALL LETTER ANT
→ 1x084; ꝃ rovas small letter ent
1x083; Ꝅ ROVAS SMALL LETTER EMP
1x084; ꝅ ROVAS SMALL LETTER ENT
→ 1x082; Ꝇ rovas small letter ant
1x085; ꝇ ROVAS SMALL LETTER TPRUS
1x086; Ꝉ ROVAS SMALL LETTER TPRU
1x087; ꝉ ROVAS SMALL LETTER MB
1x088; Ꝋ ROVAS SMALL LETTER NAP
1x089; ꝋ ROVAS SMALL LETTER NB
1x08A; Ꝍ ROVAS SMALL LETTER UNK
1x08B; ꝍ ROVAS SMALL LETTER US
1x08C; Ꝏ ROVAS SMALL LETTER ENC
1x08D; ꝏ ROVAS SMALL LETTER DIAGONAL F
1x08E; Ꝑ ROVAS SMALL LETTER CH
1x08F; ꝑ ROVAS SMALL LETTER GH
1x090; Ꝓ ROVAS SMALL LETTER SHARP K
1x091; ꝓ ROVAS SMALL LETTER CIRCLE ENDED O
1x092; Ꝕ ROVAS SMALL LETTER OPEN OE
1x093; ꝕ ROVAS SMALL LETTER SHORT R
→ 1x0D9; Ꝗ rovas small letter short g
1x094; ꝗ ROVAS SMALL LETTER SCH
1x095; Ꝙ ROVAS SMALL LETTER OPEN V
→ 1x0D7; ꝙ rovas small letter open f
1x096; (This position shall not be used)
1x097; (This position shall not be used)
1x098; (This position shall not be used)
1x099; (This position shall not be used)
1x09A; (This position shall not be used)
1x09B; (This position shall not be used)
1x09C; (This position shall not be used)
1x09D; (This position shall not be used)
1x09E; (This position shall not be used)
1x09F; (This position shall not be used)

3. CARPATHIAN BASIN ROVAS sub-group of the ROVAS block

1x0A0

ROVAS Characters

1x0FF

	1x0A	1x0B	1x0C	1x0D	1x0E	1x0F
0	Ÿ 1x0A0	Ɓ 1x0B0	ƶ 1x0C0	Ÿ 1x0D0	Ɓ 1x0E0	ƶ 1x0F0
1	Ÿ 1x0A1	ƶ 1x0B1	ƶ 1x0C1	Ÿ 1x0D1	ƶ 1x0E1	ƶ 1x0F1
2	> 1x0A2	Ÿ 1x0B2	Ÿ 1x0C2	> 1x0D2	Ÿ 1x0E2	Ÿ 1x0F2
3	ƶ 1x0A3	Ÿ 1x0B3	Ÿ 1x0C3	ƶ 1x0D3	Ÿ 1x0E3	Ÿ 1x0F3
4	Ÿ 1x0A4	Ÿ 1x0B4	Ÿ 1x0C4	Ÿ 1x0D4	Ÿ 1x0E4	Ÿ 1x0F4
5	Ÿ 1x0A5	Ÿ 1x0B5	1x0C5	Ÿ 1x0D5	Ÿ 1x0E5	1x0F5
6	Ÿ 1x0A6	Ÿ 1x0B6	1x0C6	Ÿ 1x0D6	Ÿ 1x0E6	1x0F6
7	Ÿ 1x0A7	Ÿ 1x0B7	1x0C7	Ÿ 1x0D7	Ÿ 1x0E7	1x0F7
8	Ÿ 1x0A8	Ÿ 1x0B8	1x0C8	Ÿ 1x0D8	Ÿ 1x0E8	1x0F8
9	Ÿ 1x0A9	Ÿ 1x0B9	1x0C9	Ÿ 1x0D9	Ÿ 1x0E9	1x0F9
A	Ÿ 1x0AA	Ÿ 1x0BA	1x0CA	Ÿ 1x0DA	Ÿ 1x0EA	1x0FA
B	Ÿ 1x0AB	Ÿ 1x0BB	1x0CB	Ÿ 1x0DB	Ÿ 1x0EB	1x0FB
C	Ÿ 1x0AC	Ÿ 1x0BC	1x0CC	Ÿ 1x0DC	Ÿ 1x0EC	1x0FC
D	Ÿ 1x0AD	Ÿ 1x0BD	1x0CD	Ÿ 1x0DD	Ÿ 1x0ED	1x0FD
E	Ÿ 1x0AE	Ÿ 1x0BE	1x0CE	Ÿ 1x0DE	Ÿ 1x0EE	1x0FE
F	Ÿ 1x0AF	Ÿ 1x0BF	1x0CF	Ÿ 1x0DF	Ÿ 1x0EF	1x0FF

UPPERCASE LETTERS

1x0A0; Ÿ ROVAS CAPITAL LETTER FORKED A
 1x0A1; Ÿ ROVAS CAPITAL LETTER FORKED AA
 1x0A2; > ROVAS CAPITAL LETTER SHARP D
 1x0A3; ƶ ROVAS CAPITAL LETTER SHARP DZ

1x0A4; Ÿ ROVAS CAPITAL LETTER SHARP DZS
 1x0A5; ƶ ROVAS CAPITAL LETTER DIAGONAL E
 1x0A6; Ÿ ROVAS CAPITAL LETTER FORKED E
 → 1x022; Ÿ rovas capital letter t

1x0A7; ǀ ROVAS CAPITAL LETTER OPEN F
 → 1x045; ǀ rovas capital letter open v

1x0A8; ǁ ROVAS CAPITAL LETTER FORKED G

1x0A9; ǂ ROVAS CAPITAL LETTER SHORT G
 → 1x043; ǂ rovas capital letter short r

1x0AA; ǃ ROVAS CAPITAL LETTER SHARP GY

1x0AB; Ǆ ROVAS CAPITAL LETTER SHARP H

1x0AC; ǅ ROVAS CAPITAL LETTER SHARP CH

1x0AD; ǆ ROVAS CAPITAL LETTER ANGLED I
 → 1x011; ǆ rovas capital letter j
 → 1x0B8; ǆ rovas capital letter simple p

1x0AE; Ǉ ROVAS CAPITAL LETTER CIRCLE ENDED I

1x0AF; ǈ ROVAS CAPITAL LETTER CLOSE J
 → 1x018; ǈ rovas capital letter ny

1x0B0; ǉ ROVAS CAPITAL LETTER KUE

1x0B1; Ǌ ROVAS CAPITAL LETTER FORKED L

1x0B2; ǋ ROVAS CAPITAL LETTER SIMPLE L
 → 1x017; ǋ rovas capital letter n

1x0B3; ǌ ROVAS CAPITAL LETTER OPEN M

1x0B4; Ǎ ROVAS CAPITAL LETTER NG

1x0B5; ǎ ROVAS CAPITAL LETTER OPEN NY

1x0B6; Ǐ ROVAS CAPITAL LETTER OPEN O

1x0B7; ǐ ROVAS CAPITAL LETTER OPEN OO

1x0B8; Ǒ ROVAS CAPITAL LETTER SIMPLE P
 → 1x011; Ǒ rovas capital letter j
 → 1x0AD; Ǒ rovas capital letter angled i

1x0B9; ǒ ROVAS CAPITAL LETTER ARCHED Q

1x0BA; Ǔ ROVAS CAPITAL LETTER CLOSE R

1x0BB; ǔ ROVAS CAPITAL LETTER CLOSE S

1x0BC; ǖ ROVAS CAPITAL LETTER CLOSE T

1x0BD; Ǘ ROVAS CAPITAL LETTER OPEN T

1x0BE; Ǚ ROVAS CAPITAL LETTER SHARP U

1x0BF; ǚ ROVAS CAPITAL LETTER FORKED U

1x0C0; Ǜ ROVAS CAPITAL LETTER ARCHED UE
 → 1x107; Ǜ rovas letter arched e

1x0C1; ǜ ROVAS CAPITAL LETTER ARCHED UEE

1x0C2; ǝ ROVAS CAPITAL LETTER OPEN W

1x0C3; Ǟ ROVAS CAPITAL LETTER ARCHED I

1x0C4; ǟ ROVAS CAPITAL LETTER OPEN Z

1x0C5; (This position shall not be used)

1x0C6; (This position shall not be used)

1x0C7; (This position shall not be used)

1x0C8; (This position shall not be used)

1x0C9; (This position shall not be used)

1x0CA; (This position shall not be used)

1x0CB; (This position shall not be used)

1x0CC; (This position shall not be used)

1x0CD; (This position shall not be used)

1x0CE; (This position shall not be used)

1x0CF; (This position shall not be used)

LOWERCASE LETTERS

1x0D0; ǘ ROVAS SMALL LETTER FORKED A

1x0D1; Ǚ ROVAS SMALL LETTER FORKED AA

1x0D2; ǚ ROVAS SMALL LETTER SHARP D

1x0D3; Ǜ ROVAS SMALL LETTER SHARP DZ

1x0D4; ǜ ROVAS SMALL LETTER SHARP DZS

1x0D5; ǝ ROVAS SMALL LETTER DIAGONAL E

1x0D6; Ǟ ROVAS SMALL LETTER FORKED E
 → 1x072; Ǟ rovas small letter t

1x0D7; ǟ ROVAS SMALL LETTER OPEN F
 → 1x095; ǟ rovas small letter open v

1x0D8; Ǡ ROVAS SMALL LETTER FORKED G

1x0D9; ǡ ROVAS SMALL LETTER SHORT G
 → 1x093; ǡ rovas small letter short r

1x0DA; Ǣ ROVAS SMALL LETTER SHARP GY

1x0DB; ǣ ROVAS SMALL LETTER SHARP H

1x0DC; ǅ ROVAS SMALL LETTER SHARP CH

1x0DD; ǆ ROVAS SMALL LETTER ANGLED I
 → 1x061; ǆ rovas small letter j
 → 1x0E8; ǆ rovas small letter simple p

1x0DE; Ǉ ROVAS SMALL LETTER CIRCLE ENDED I

1x0DF; ǈ ROVAS SMALL LETTER CLOSE J
 → 1x068; ǈ rovas small letter ny

1x0E0; ǉ ROVAS SMALL LETTER KUE

1x0E1; Ǌ ROVAS SMALL LETTER FORKED L

1x0E2; ǋ ROVAS SMALL LETTER SIMPLE L
 → 1x067; ǋ rovas small letter n

1x0E3; ǌ ROVAS SMALL LETTER OPEN M

1x0E4; Ǎ ROVAS SMALL LETTER NG

1x0E5; ǎ ROVAS SMALL LETTER OPEN NY

1x0E6; Ǐ ROVAS SMALL LETTER OPEN O

1x0E7; ǐ ROVAS SMALL LETTER OPEN OO

1x0E8; Ǒ ROVAS SMALL LETTER SIMPLE P
 → 1x061; Ǒ rovas small letter j
 → 1x0DD; Ǒ rovas small letter angled i

1x0E9; ǒ ROVAS SMALL LETTER ARCHED Q

1x0EA; Ǔ ROVAS SMALL LETTER CLOSE R

1x0EB; ǔ ROVAS SMALL LETTER CLOSE S

1x0EC; ǖ ROVAS SMALL LETTER CLOSE T

1x0ED; Ǘ ROVAS SMALL LETTER OPEN T

1x0EE; Ǚ ROVAS SMALL LETTER SHARP U

1x0EF; ǚ ROVAS SMALL LETTER FORKED U

1x0F0; Ǜ ROVAS SMALL LETTER ARCHED UE

1x0F1; ǜ ROVAS SMALL LETTER ARCHED UEE

1x0F2; ǝ ROVAS SMALL LETTER OPEN W

1x0F3; Ǟ ROVAS SMALL LETTER ARCHED I

1x0F4; ǟ ROVAS SMALL LETTER OPEN Z

1x0F5; (This position shall not be used)

1x0F6; (This position shall not be used)

1x0F7; (This position shall not be used)

1x0F9; (This position shall not be used)

1x0FA; (This position shall not be used)

1x0FB; (This position shall not be used)

1x0FC; (This position shall not be used)

1x0FD; (This position shall not be used)

1x0FE; (This position shall not be used)

1x0FF; (This position shall not be used)

4. KHAZARIAN ROVAS sub-group of the ROVAS block

1x100

ROVAS Characters

1x12F

	1x10	1x11	1x12
0	⤵ 1x100	⋈ 1x110	⋈ 1x120
1	⊖ 1x101	↑ 1x111	Ⓜ 1x121
2	⤴ 1x102	Ⓜ 1x112	⋈ 1x122
3	Ⓝ 1x103	○ 1x113	▨ 1x123
4	∩ 1x104	↯ 1x114	▨ 1x124
5	⋈ 1x105	⤴ 1x115	▨ 1x125
6	Ⓜ 1x106	⤴ 1x116	▨ 1x126
7	↯ 1x107	⋈ 1x117	▨ 1x127
8	ϕ 1x108	◻ 1x118	▨ 1x128
9	∂ 1x109	⊖ 1x119	▨ 1x129
A	⋈ 1x10A	Ω 1x11A	▨ 1x12A
B	⋈ 1x10B	∩ 1x11B	▨ 1x12B
C	∩ 1x10C	↯ 1x11C	▨ 1x12C
D	⤵ 1x10D	⤴ 1x11D	▨ 1x12D
E	⤵ 1x10E	⤴ 1x11E	▨ 1x12E
F	⤴ 1x10F	∂ 1x11F	▨ 1x12F

1x100; ⤵ ROVAS LETTER ANGLED B

1x101; ⊖ ROVAS LETTER ARCHED B

1x102; ⤴ ROVAS LETTER RAISED B

1x103; Ⓝ ROVAS LETTER TRIPLE CS

1x104; ∩ ROVAS LETTER ARCHED D

→ 1x10C; ∩ rovas letter arched ch

→ 1x11B; ∩ rovas letter arched sh

1x105; ⋈ ROVAS LETTER FORKED D

1x106; Ⓜ ROVAS LETTER ANGLED E
























1x107; ↯ ROVAS LETTER ARCHED E
















→ 1x0C0; ↯ rovas capital letter arched ue

1x108; ϕ ROVAS LETTER CENTRAL F

1x109; ∂ ROVAS LETTER CLOSE G

1x10A; ⋈ ROVAS LETTER TRIPLE GH

1x10B;  ROVAS LETTER ANGLED CH
 1x10C;  ROVAS LETTER ARCHED CH
 → 1x104;  rovas letter arched d
 → 1x11B;  rovas letter arched sh
 1x10D;  ROVAS LETTER FORKED CH
 1x10E;  ROVAS LETTER FORKED K
 1x10F;  ROVAS LETTER ARCHED L
 1x110;  ROVAS LETTER CROSSED L
 → 1x002;  rovas capital letter b
 1x111;  ROVAS LETTER FORKED L
 → 1x010;  rovas capital letter ii
 1x112;  ROVAS LETTER LT
 → 1x02A;  rovas capital letter v
 → 1x121;  rovas letter sharp ue
 1x113;  ROVAS LETTER ROUND M
 1x114;  ROVAS LETTER ANGLED N
 1x115;  ROVAS LETTER FORKED N
 1x116;  ROVAS LETTER FORKED O
 1x117;  ROVAS LETTER ANGLED Q
 1x118;  ROVAS LETTER CLOSE Q
 → 1x012;  rovas capital letter k
 1x119;  ROVAS LETTER OPEN Q
 1x11A;  ROVAS LETTER ARCHED R

1x11B;  ROVAS LETTER ARCHED SH
 → 1x104;  rovas letter arched d
 → 1x10C;  rovas letter arched ch
 1x11C;  ROVAS LETTER CIRCLE ENDED SH
 1x11D;  ROVAS LETTER SHL
 1x11E;  ROVAS LETTER FORKED SZ
 → 1x032;  rovas capital letter ant
 → 1x034;  rovas capital letter ent
 1x11F;  ROVAS LETTER ARCHED T
 1x120;  ROVAS LETTER CENTRAL T
 1x121;  ROVAS LETTER SHARP UE
 → 1x02A;  rovas capital letter v
 → 1x112;  rovas letter lt
 1x122;  ROVAS LETTER CENTRAL Z
 1x123; (This position shall not be used)
 1x124; (This position shall not be used)
 1x125; (This position shall not be used)
 1x126; (This position shall not be used)
 1x127; (This position shall not be used)
 1x128; (This position shall not be used)
 1x129; (This position shall not be used)
 1x12A; (This position shall not be used)
 1x12B; (This position shall not be used)
 1x12C; (This position shall not be used)
 1x12D; (This position shall not be used)
 1x12E; (This position shall not be used)
 1x12F;  KHAZARIAN ROVAS SEPARATOR LARGE

5. Rovas NUMERALS sub-group of the ROVAS block

1x130

ROVAS Characters

1x13F

	1x13
0	 1x130
1	 1x131
2	 1x132
3	 1x133
4	∨ 1x134
5	× 1x135
6	∇ 1x136
7	⌘ 1x137
8	∇ 1x138
9	✱ 1x139

NUMBERS

- 1x130; | ROVAS NUMBER ONE
 1x131; || ROVAS NUMBER TWO
 1x132; ||| ROVAS NUMBER THREE
 1x133; |||| ROVAS NUMBER FOUR
 1x134; ∨ ROVAS NUMBER FIVE
 1x135; × ROVAS NUMBER TEN
 1x136; ∇ ROVAS NUMBER FIFTY
 1x137; ⌘ ROVAS NUMBER ONE HUNDRED
 1x138; ∇ ROVAS NUMBER FIVE HUNDRED
 1x139; ✱ ROVAS NUMBER ONE THOUSAND
 1x13A; (This position shall not be used)
 1x13B; (This position shall not be used)
 1x09C; (This position shall not be used)
 1x09D; (This position shall not be used)
 1x09E; (This position shall not be used)
 1x09F; (This position shall not be used)

6. PUNCTUATION SYMBOLS in the Supplemental Punctuation block

2E00

Supplemental Punctuation (portion)

2E7F

	2E4
1	◌̣ 2E41
2	◌̥◌̥ 2E42
3	× 2E43
4	◌̣◌̣ 2E44
5	×× 2E45
6	⋮ 2E46
7	⋮ 2E47
8	×× 2E48
9	⊕ 2E49
A	◌̣ 2E4A

- 2E41 ◌̣ REVERSED COMMA
- Used in Szekely-Hungarian Rovas script with right-to-left and boustrophedon directions
 - Used in Carpathian Basin Rovas script with right-to-left
- U+002C , comma
→ U+060C ، Arabic comma
- 2E42 ◌̥◌̥ DOUBLE LOW-REVERSED-9 QUOTATION MARK
- used in Szekely-Hungarian Rovas script with right-to-left and boustrophedon directions
 - used in Carpathian Basin Rovas script with right-to-left
- U+201E „ double low-9 quotation mark
- 2E43 × WORD SEPARATOR CROSS
- used in Szekely-Hungarian Rovas script
- U+00D7 × Multiplication sign
- 2E44 ◌̣◌̥ DOUBLE COMMA-LIKE HYPHEN
- used in Szekely-Hungarian Rovas script with right-to-left direction in historical Rovas relics
- U+002C , comma
→ U+002D - hyphen-minus

- 2E45 ✖ DOUBLE CROSS FULL STOP
 - used in Szekely-Hungarian Rovas script
 - U+003A : colon
- 2E46 ⋋ BEGINNING MARK RIGHT
 - used in Szekely-Hungarian Rovas script
- 2E47 ⋌ BEGINNING MARK LEFT
 - used in Szekely-Hungarian Rovas script
- 2E48 ✖ END OF MESSAGE MARK
 - used in Szekely-Hungarian Rovas script
- 2E49 † WORD SEPARATOR VERTICAL CROSS
 - Used in historic Carpathian Basin Rovas inscriptions
 - Used in historic Szekely-Hungarian Rovas inscriptions
 - Usually uses full cap height
 - 002B Plus Sign
- 2E4A † WORD SEPARATOR VERTICAL BAR
 - Used in historic Carpathian Basin Rovas inscriptions
 - Used in historic Khazarian Rovas inscriptions
 - 05C0 Hebrew Punctuation Paseq

7. Examples for using the Rovas font of this document



Figure 1: New Testament published with Szekely-Hungarian Rovas (2011). Part of the Gospel of Mark.

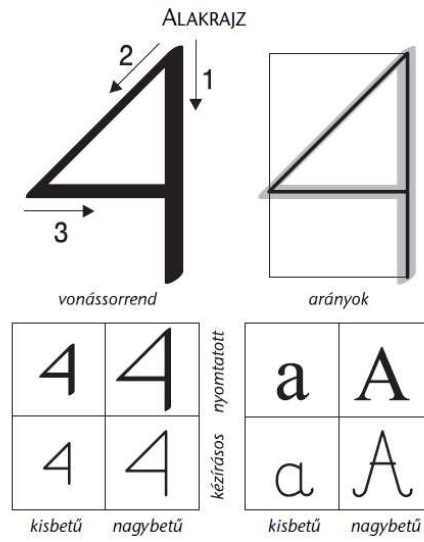


Figure 4: Example for the design of a letter in the textbook *Rovás Alapismeretek* [Rovas Rudiments] (Rumi, Sípos 2010).



Figure 5: Standardized Rovas font is used on Sepsiszentgyörgy's billboard (Sfântu Gheorge, Romania) in 2011.



Figure 6: Inauguration and consecration of **Szekely-Hungarian Rovas town sign** in Celldömölk (Hungary) in 2011.



Figure 7: Inauguration and consecration of **Szekely-Hungarian Rovas town sign** in Bene (Ukraine). Inaugurated by the mayor of Village Bene and Béla Kovács, member of the European Parliament in 2011.

8. References

- Hosszú, Gábor (2011): *Heritage of Scribes. The Relation of Rovas Scripts to Eurasian Writing Systems*. First edition. Budapest: Rovas Foundation, ISBN 978-963-88437-4-6, available from Google Books at <http://books.google.hu/books?id=TyK8azCqC34C&pg=PA1>
- New Testament transcribed to Szekely-Hungarian Rovas* (2011), published by the Rovas Foundation in cooperation with the Szent Jeromos Katolikus Bibliatársulat [St Jerome Catholic Bible Association], ISBN 978-963-88437-5-3.
- Rumi, Tamás & Sípos, László (2010): *Rovás alapismeretek* [Rovas Rudiments]. Budapest: Imagent and WOU Hungary, ISBN: 978-963-88437-1-5
- Rumi, Tamás & Sípos, László (2011): *Rovásnapló 2012 és Rovás ABC oktatótábla* [Rovas Calendar 2012 and Rovas ABC educational panel]. Szolnok: Rovás Foundation
- Rumi, Tamás; Sípos, László & Somfai, Tamás (2009): *Gárdonyi Géza: Egri csillagok* [Géza Gárdonyi: Eclipse of the Crescent Moon]. Transcribed into Szekely-Hungarian Rovas by Tamás Rumi, László Sípos, & Tamás Somfai. Edited by Tamás Rumi. Published in 2009 by Imagent – WOU Hungary, ISBN: 978-963-06-7107-1.
- Rumi, Tamás; Sípos, László & Somfai, Tamás (2010): *Illyés Gyula: Hét meg hét magyar népmese* [Gyula Illyés: Seven Plus Seven Hungarian Folk Tales], transcribed to Szekely-Hungarian Rovas by Tamás Rumi, László Sípos, & Tamás Somfai. Published by Imagent and WOU Hungary, ISBN: 978-963-88437-0-8