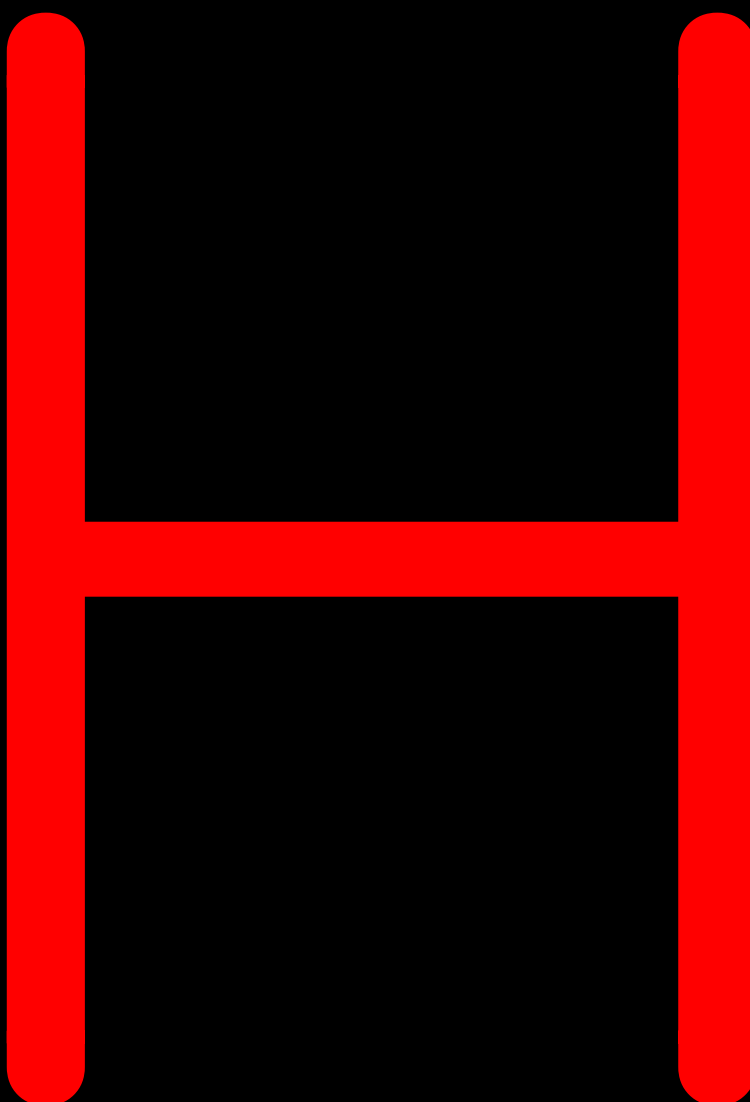HGKB Autoscape Rounded
Beta Var

50

Font Format: Opentype TrueType (Opentype TTF)
Designer: Cornel Windlin (1998), Minjong Kim/Lineto (2024)

OpenType Font Variations

OpenType Font Variations allow to incorporate multiple font faces within a font family into a single font.

Variation Axes

The set of axes that make up the font's variation space are defined by an array of variation axis records.

Tag	Name	Minimum	Default	Maximum	Flags
wght	Weight	50.0	50.0	140.0	-

Variation Instances

The instance records define the position within the font's variation space.

Hamburg

50	Table	Tag	Name	Value
	fvar	wght	Weight	50.0

Hamburg

100	Table	Tag	Name	Value
	fvar	wght	Weight	100.0

Hamburg

140	Table	Tag	Name	Value
	fvar	wght	Weight	140.0

Glyph Map

All 530 glyphs of HGKB Autoscape Rounded Beta Var 50 in physical order.

□				A	Á	Ă	Â	Ä	À	Ā	Ą	Å	Ã	Æ	B	C	Ć	Č	Ç
Ĉ	Ċ	D	Ď	Đ	Ð	E	É	Ĕ	Ě	Ê	Ë	Ė	È	Ē	Ę	F	G	Ğ	Ĝ
Ģ	Ġ	H	Ħ	Ĥ	I	IJ	Í	Ĭ	Î	Ï	İ	Ì	Ī	Į	Ĩ	J	Ĵ	Ĵ	K
Ķ	L	Ĺ	Ľ	Ļ	Ŀ	Ł	M	N	Ń	Ň	Ņ	Ñ	Ŋ	O	Ó	Ŏ	Ô	Ö	Ò
Ő	Ō	Ø	Ǿ	Õ	Œ	P	Þ	Q	R	Ŕ	Ř	Ŗ	S	Ś	Š	Ş	Ŝ	Ș	T
Ŧ	Ť	Ţ	Ţ	U	Ú	Ŭ	Ŭ	Û	Ü	Ù	Ű	Ū	Ų	Ů	Ũ	V	W	Ŵ	X
Y	Ý	Ŷ	Ÿ	Z	Ź	Ž	Ż	ᴄ	ᴄ́	ᴄ̌	ᴄ̧	ᴄ̂	ᴄ̇	ɢ	ɢ̆	ɢ̂	ɢ̧	ɢ̇	ᴊ
ᴊ́	ᴊ̂	ᴍ	ꜱ	ꜱ́	ꜱ̌	ꜱ̧	ꜱ̂	ꜱ̦	x	Q	a	á	ă	ă	â	ä	à	ā	ą
å	ã	æ	b	c	ć	č	ç	ĉ	ċ	d	ď	đ	ð	e	é	ĕ	ě	ê	ë
ė	è	ē	ę	f	g	ğ	ĝ	ǵ	ġ	h	ħ	ĥ	i	ı	í	ĭ	î	ï	i
ì	ī	į	ĩ	ij	j	ȷ	ĵ	ĵ	k	ķ	ĸ	l	ĺ	ľ	ļ	ŀ	ł	m	n
ń	ʼn	ň	ņ	ñ	ŋ	o	ó	ŏ	ô	ö	ò	ő	ō	ø	ǿ	õ	œ	p	þ
q	r	ŕ	ř	ŗ	s	ś	š	ş	ŝ	ș	ß	t	ŧ	ť	ţ	ţ	u	ú	ŭ
ŭ	û	ü	ù	ű	ū	ų	ů	ũ	v	w	ŵ	x	y	ý	ŷ	ÿ	z	ź	ž
ż	ļ	ņ	m	r	ŕ	ř	ŗ	†	‡	ť	†	ţ	v	ɯ	ŵ	x	ﬁ	ﬂ	ﬁ
ﬂ	ª	º	Δ	Ω	µ	π	0	1	2	3	4	5	6	7	8	9	0	3	7
0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
⁄	½	¼	¾	–	0	3	7	0	3	7	¾	0	1	2	3	4	5	6	7
8	9	0	1	2	3	4	5	6	7	8	9	0	3	7	0	3	7		·
,	:	;	…	!	¡	?	¿	·	•	*	#	⁄	\	:	¦	¿	·	•	-
	–	—	―	-	_	-		–	–	(	)	{	}	[	]	❨	❩	{	}
[	]	,	„	"	"	'	'	«	»	‹	›	″	′	‹	›	«	»	ƒ	@
&	¶	§	©	®	™	°	◌	◌	¦	¦	†	‡	№	@	¦	&	¢	¤	$
€	£	¥	+	−	×	÷	=	≠	>	<	≥	≤	±	≈	~	¬	^	∞	∫
∆	∏	∑	√	∂	µ	⌘	‰	◊	̈	̇	̀	́	̋	̧	̂	̌	̆	̊	̃
̄	̔	̦	̦	̣	̦	̈	̇	̀	́	̋	̂	̌	̆	̊	̃	̄	̈	̇	̀
́	̋	̂	̌	̆	̊	̃	̄	̦	̦										

Encoded Characters

All encoded characters should be accessible with every unicode capable application. For details about Unicode Blocks visit the Unicode Website.

Basic Latin

Block from 0000 to 007F

000D	0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F	0030	0031	0032
		!	"	#	$	%	&	'	(	)	*	+	,	-	.	/	0	1	2
0033	0034	0035	0036	0037	0038	0039	003A	003B	003C	003D	003E	003F	0040	0041	0042	0043	0044	0045	0046
3	4	5	6	7	8	9	:	;	<	=	>	?	@	A	B	C	D	E	F
0047	0048	0049	004A	004B	004C	004D	004E	004F	0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A
G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
005B	005C	005D	005E	005F	0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E
[	\	]	^	_	`	a	b	c	d	e	f	g	h	i	j	k	l	m	n
006F	0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E				
o	p	q	r	s	t	u	v	w	x	y	z	{	|	}	~				

Latin-1 Supplement

Block from 0080 to 00FF

00A0	00A1	00A2	00A3	00A4	00A5	00A6	00A7	00A8	00A9	00AA	00AB	00AC	00AD	00AE	00AF	00B0	00B1	00B2	00B3
	¡	¢	£	¤	¥	¦	§	¨	©	ª	«	¬		®	¯	°	±	²	³
00B4	00B5	00B6	00B7	00B8	00B9	00BA	00BB	00BC	00BD	00BE	00BF	00C0	00C1	00C2	00C3	00C4	00C5	00C6	00C7
´	µ	¶	·	¸	¹	º	»	¼	½	¾	¿	À	Á	Â	Ã	Ä	Å	Æ	Ç
00C8	00C9	00CA	00CB	00CC	00CD	00CE	00CF	00D0	00D1	00D2	00D3	00D4	00D5	00D6	00D7	00D8	00D9	00DA	00DB
È	É	Ê	Ë	Ì	Í	Î	Ï	Ð	Ñ	Ò	Ó	Ô	Õ	Ö	×	Ø	Ù	Ú	Û
00DC	00DD	00DE	00DF	00E0	00E1	00E2	00E3	00E4	00E5	00E6	00E7	00E8	00E9	00EA	00EB	00EC	00ED	00EE	00EF
Ü	Ý	Þ	ß	à	á	â	ã	ä	å	æ	ç	è	é	ê	ë	ì	í	î	ï
00F0	00F1	00F2	00F3	00F4	00F5	00F6	00F7	00F8	00F9	00FA	00FB	00FC	00FD	00FE	00FF				
ð	ñ	ò	ó	ô	õ	ö	÷	ø	ù	ú	û	ü	ý	þ	ÿ				

Latin Extended-A

Block from 0100 to 017F

0100	0101	0102	0103	0104	0105	0106	0107	0108	0109	010A	010B	010C	010D	010E	010F	0110	0111	0112	0113
Ā	ā	Ă	ă	Ą	ą	Ć	ć	Ĉ	ĉ	Ċ	ċ	Č	č	Ď	ď	Đ	đ	Ē	ē
0114	0115	0116	0117	0118	0119	011A	011B	011C	011D	011E	011F	0120	0121	0122	0123	0124	0125	0126	0127
Ĕ	ĕ	Ė	ė	Ę	ę	Ě	ě	Ĝ	ĝ	Ğ	ğ	Ġ	ġ	Ģ	ģ	Ĥ	ĥ	Ħ	ħ
0128	0129	012A	012B	012C	012D	012E	012F	0130	0131	0132	0133	0134	0135	0136	0137	0138	0139	013A	013B
Ĩ	ĩ	Ī	ī	Ĭ	ĭ	Į	į	İ	ı	Ĳ	ĳ	Ĵ	ĵ	Ķ	ķ	ĸ	Ĺ	ĺ	Ļ
013C	013D	013E	013F	0140	0141	0142	0143	0144	0145	0146	0147	0148	0149	014A	014B	014C	014D	014E	014F
ļ	Ľ	ľ	Ŀ	ŀ	Ł	ł	Ń	ń	Ņ	ņ	Ň	ň	ŉ	Ŋ	ŋ	Ō	ō	Ŏ	ŏ

0150	0151	0152	0153	0154	0155	0156	0157	0158	0159	015A	015B	015C	015D	015E	015F	0160	0161	0162	0163
Ő	ő	Œ	œ	Ŕ	ŕ	Ŗ	ŗ	Ř	ř	Ś	ś	Ŝ	ŝ	Ş	ş	Š	š	Ţ	ţ

0164	0165	0166	0167	0168	0169	016A	016B	016C	016D	016E	016F	0170	0171	0172	0173	0174	0175	0176	0177
Ť	ť	Ŧ	ŧ	Ũ	ũ	Ū	ū	Ŭ	ŭ	Ů	ů	Ű	ű	Ų	ų	Ŵ	ŵ	Ŷ	ŷ

0178	0179	017A	017B	017C	017D	017E
Ÿ	Ź	ź	Ż	ż	Ž	ž

Latin Extended-B

Block from 0180 to 024F

0192	01CE	01D3	01D4	01FE	01FF	0218	0219	021A	021B
ƒ	ǎ	Ǔ	ǔ	Ǿ	ǿ	Ș	ș	Ț	ț

Spacing Modifier Letters

Block from 02B0 to 02FF

02C6	02C7	02D8	02D9	02DA	02DB	02DC	02DD
ˆ	ˇ	˘	˙	˚	˛	˜	˝

Combining Diacritical Marks

Block from 0300 to 036F

0300	0301	0302	0303	0304	0306	0307	0308	030A	030B	030C	0327	0328
̀	́	̂	̃	̄	̆	̇	̈	̊	̋	̌	̧	̨

Greek and Coptic

Block from 0370 to 03FF

03A9	03C0
Ω	π

General Punctuation

Block from 2000 to 206F

2010	2013	2014	2015	2018	2019	201A	201C	201D	201E	2020	2021	2022	2026	2030	2032	2033	2039	203A	2044
‐	–	—	―	'	'	‚	"	"	„	†	‡	•	…	‰	′	″	‹	›	⁄

Currency Symbols

Block from 20A0 to 20CF

20AC
€

Letterlike Symbols

Block from 2100 to 214F

2122
TM

Mathematical Operators

Block from 2200 to 22FF

2202	2206	220F	2211	221A	221E	222B	2248	2260	2264	2265
∂	Δ	∏	Σ	√	∞	∫	≈	≠	≤	≥

Geometric Shapes

Block from 25A0 to 25FF

25CA
◊

Alphabetic Presentation Forms

Block from FB00 to FB4F

FB01	FB02
fi	fl

OpenType Layout Features

For details about OpenType Layout Features see the OpenType Layout tag registry.

Substitution Features

Access All Alternates
This feature makes all variations of a selected character accessible.

Standard Ligatures
Replaces a sequence of glyphs with a single glyph which is preferred for typographic purposes. This feature covers the ligatures which the designer/manufacturer judges should be used in normal conditions.

Numerators
Replaces selected figures which precede a slash with numerator figures, and replaces the typographic slash with the fraction slash.

Denominators
Replaces selected figures which follow a slash with denominator figures.

Fractions
Replaces figures separated by a slash with 'common' (diagonal) fractions.

Superscript
Replaces lining or oldstyle figures with superior figures (primarily for footnote indication), and may replace lowercase letters with superior letters (primarily for abbreviated French titles).

Subscript
The "subs" feature may replace a default glyph with a subscript glyph.

Scientific Inferiors
Replaces lining or oldstyle figures with inferior figures (smaller glyphs which sit lower than the standard baseline, primarily for chemical or mathematical notation). May also replace lowercase characters with alphabetic inferiors.

Ordinals
Replaces default alphabetic glyphs with the corresponding ordinal forms for use after figures.

Case-Sensitive Forms
Shifts various punctuation marks up to a position that works better with all-capital sequences or sets of lining figures; also changes oldstyle figures to lining figures.

Localized Forms
This feature enables localized forms of glyphs to be substituted for default forms.

Stylistic Set 1
(Alternate Terminal)
Glyphs in stylistic sets may be designed to harmonise visually, interract in particular ways, or otherwise work together.

Stylistic Set 2
(Alternate Q)

Stylistic Set 3
(Alternate Ampersand)

Glyph Composition / Decomposition
To minimize the number of glyph alternates, it is sometimes desired to decompose a character into two glyphs. Additionally, it may be preferable to compose two characters into a single glyph for better glyph processing. This feature permits such composition/decompostion.

Positioning Features

Mark Positioning
Positions mark glyphs with respect to base glyphs.

Mark to Mark Positioning
Positions marks with respect to other marks.
Required in various non-Latin scripts like Arabic.

All Alternates

All alternates are accessible with OpenType layout feature capable applications. If not specified, the feature is registered for all language systems.

---

fi Standard Ligatures

fi	fl

7/ Numerators

0	1	2	3	4	5	6	7	8	9

/8 Denominators

0	1	2	3	4	5	6	7	8	9

7/8 Fractions

0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7
8	9	/															

x^2 Superscript

0	1	2	3	4	5	6	7	8	9

x_2 Subscript

0	1	2	3	4	5	6	7	8	9

H_2 Scientific Inferiors

0	1	2	3	4	5	6	7	8	9

1ˢᵗ Ordinals

ª	º	Nº

⟨G} Case-Sensitive Forms

:	i	¿	·	•	-	–	—	(	)	{	}	[	]	‹	›	«
»	@	|	¨	·	`	´	˝	^	ˇ	˘	°	~	‾				

ȘȘ Localized Forms

Latin, Azeri

ı

Latin, Catalan

ŀ	l·

Latin, Crimean Tatar

ı

Latin, Kazakh

ı

Latin, Unregistered language

ļ	ņ

Latin, Moldavian

Ş	Ţ	ş	ţ

Latin, Dutch

Ĵ	ĵ

Latin, Romanian

Ş	Ţ	ş	ţ

Latin, Tatar

ı

Latin, Turkish

i

[1] Stylistic Set 1 (Alternate Terminal)

C	Ć	Č	Ç	Ĉ	Ċ	G	Ğ	Ĝ	Ģ	Ġ	J	Ĵ	Ĵ	M	S	Ś	Š
Ş	Ŝ	Ş	X	m	r	ŕ	ř	ŗ	t	ŧ	ť	ţ	ţ	v	ɯ	ŵ	x
0	3	7	0	3	7	0	3	7	3/4	0	3	7	0	3	7		

[2] Stylistic Set 2 (Alternate Q)

Q

[3] Stylistic Set 3 (Alternate Ampersand)

&

r·r Glyph Composition / Decomposition

f	ı	ı	ȷ	l	¨	·	`	´	˝	^	ˇ	˘	°	~	‾

Languages

Latin

Afrikaans	Galician	Makhuwa-Meetto	Sangu
Albanian	Ganda	Makonde	Scottish Gaelic
Asu	German	Malagasy	Sena
Basque	Gusii	Maltese	Serbian
Bemba	Hungarian	Manx	Shambala
Bena	Icelandic	Meru	Shona
Breton	Inari Sami	Morisyen	Slovak
Catalan	Indonesian	North Ndebele	Slovenian
Chiga	Irish	Northern Sami	Soga
Colognian	Italian	Norwegian Bokmål	Somali
Cornish	Jola-Fonyi	Norwegian Nynorsk	Spanish
Croatian	Kabuverdianu	Nyankole	Swahili
Czech	Kalaallisut	Oromo	Swedish
Danish	Kalenjin	Polish	Swiss German
Dutch	Kamba	Portuguese	Taita
Embu	Kikuyu	Quechua	Teso
English	Kinyarwanda	Romanian	Turkish
Esperanto	Latvian	Romansh	Upper Sorbian
Estonian	Lithuanian	Rombo	Uzbek
Faroese	Lower Sorbian	Rundi	Volapük
Filipino	Luo	Rwa	Vunjo
Finnish	Luxembourgish	Samburu	Walser
French	Luyia	Sango	Zulu
Friulian	Machame		

Character Set

Apple Macintosh

MacOS Central European Latin
MacOS Croatian
MacOS Iceland
MacOS Roman (Standard Latin)
MacOS Romanian
MacOS Turkish

ISO 8859

8859-1 Latin-1 Western European
8859-10 Latin-6 Nordic
8859-13 Latin-7 Baltic Rim
8859-15 Latin-9
8859-16 Latin-10 South-Eastern European
8859-2 Latin-2 Central European
8859-3 Latin-3 South European
8859-4 Latin-4 North European
8859-9 Latin-5 Turkish

Microsoft Windows

MS Windows 1250 Central European Latin
MS Windows 1252 Western (Standard Latin)
MS Windows 1254 Turkish Latin
MS Windows 1257 Baltic Latin

Technical Data

Identification

Table	Description	Value
-	File name	HGKBAutoscapeRoundedBetaVar.ttf
-	File size	113028 bytes
-	MD5 checksum	4473CDF6E38C26C32D51CBD67AFCCFCB
head	created	Thu Sep 19 15:41:38 2024
head	modified	Fri Sep 20 09:09:11 2024
name	Unique font identifier	1.002;LNTO;AutoscapeRoundedBetaVar-50
name	Version string	Version 1.002;Glyphs 3.2.2 (3259)
glyf	Outline format	TrueType

Names

ID	Description	Value
1	Family name	HGKB Autoscape Rounded Beta Var 50
2	Subfamily name	Regular
4	Full font name	HGKB Autoscape Rounded Beta Var 50
6	Postscript name	HGKBAutoscapeRoundedBetaVar-50
16	Typographic Family name	HGKB Autoscape Rounded Beta Var
17	Typographic Subfamily name	50

Classification & Style

Table	Description	Value
OS/2	Width class	5 - Medium (normal)
OS/2	Weight class	400 - Normal (Regular)
post	Italic angle	0.0°
OS/2	fsSelection style bits	Regular
head	macStyle bits	

Legal Information

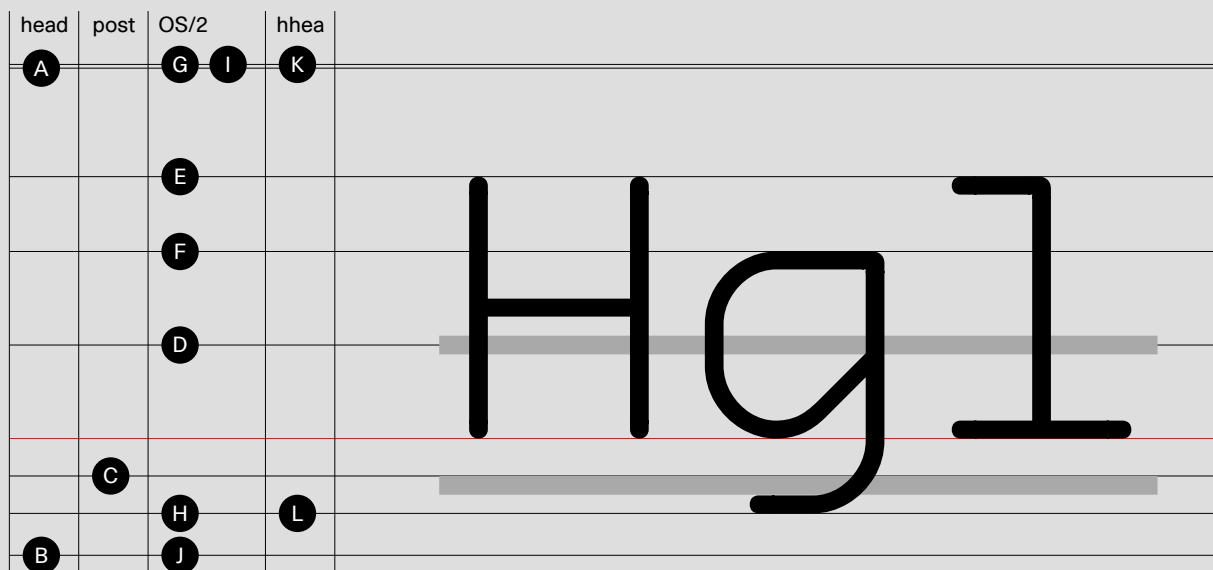| ID	Description	Value
0	Copyright	© 1998-2024, Copyright by Lineto GmbH. All rights reserved.
8	Manufacturer	Lineto GmbH
9	Designer	Cornel Windlin (1998), Minjong Kim/Lineto (2024)
10	Font Description	LL Autoscape was developed by Cornel Windlin in 1998, making use of an existing design by Andrew Welch, Carl R. Osterwald, Stephen Gilardi and William I. Johnston. This in turn had been based on the 9-point bitmap of Apple's Monaco system font. In 2024, Minjong Kim expanded on Cornel Windlin's work and developed it into two variable fonts with shared metrics, and very extensive character sets spanning several weights.
11	Vendor URL	http://www.lineto.com
12	Designer URL	https://lineto.com/information/designers/lineto-designers/minjong-kim
13	License Description	This font file has been specially engineered for temporary use by students within a workshop of Leonardo Angelucci/Unstated.co and Luca Pellegrini/Lineto.com, conducted at HGK Basel during September/October 2024. It may be freely used within the context of the workshop and its wider communication, for educational and promotional purposes. Please note: This font is commercially distributed font software courtesy of Lineto.com, regulated by Lineto's End User Licence Agreement. Any further use is prohibited. Specially priced educational licences are available on request.
14	License Info URL	https://lineto.com/licensing

Vertical Metric

	Table	Description	Value
	head	Units perEM	1000
A	head	y Max	990
B	head	y Min	-312
C	post	Underline Position	-100
	post	Underline Size	50
D	OS/2	Strikeout Position	250
	OS/2	Strikeout Size	50
E	OS/2	Caps Height	700
F	OS/2	x Height	500
G	OS/2	Typo Ascender	1000
H	OS/2	Typo Descender	-200
	OS/2	Typo Linegap	0
I	OS/2	Win Ascender	1000
J	OS/2	Win Descender	312
K	hhea	Ascender	1000
L	hhea	Descender	-200
	hhea	Linegap	0