

Lineto Type Foundry
Technical Documentation
Circular TT Book Italic



Font Family — Circular TT
 Style — Book Italic
 Font Format — OpenType TrueType (OpenType TTF)
 Designer — Laurenz Brunner (2012)

Glyph Map

□				!	"	#	\$	%	&	'	()	*	+	,	-	.	/	0	1	2	3	4	
5	6	7	8	9	:	;	<	=	>	?	@	A	B	C	D	E	F	G	H	I	J	K	L	
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e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z	{		
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V	VI	VII	VIII	IX	X	L	C	D	M	←	↑	→	↓	↖	↗	↘	↙	↻	↶	↷	↵	↶	↷	
↻	∂	Δ	Π	Σ	-	/	·	√	∞	∫	≈	≠	≤	≥	·	®	■	□	▲	△	◇	○	●	
☺	✓	×	①	②	③	④	⑤	⑥	⑦	⑧	⑨	↱	↻	↺	ff	fi	fl	ffi	ffl		o	1	2	
3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9		a	b	c	d	e	f	
g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z		#	\$	%	
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±	×	÷	f				‰	€	-	≈	≠	≤	≥	()	-	[]	{	}	i	«	-	»
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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

0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F	0030	0031	0032	0033	0034	0035	0036	0037
	!	"	#	\$	%	&	'	(	)	*	+	,	-	.	/	0	1	2	3	4	5	6	7
0038	0039	003A	003B	003C	003D	003E	003F	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F
8	9	:	;	<	=	>	?	@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F	0060	0061	0062	0063	0064	0065	0066	0067
P	Q	R	S	T	U	V	W	X	Y	Z	[	\	\]	^	_	`	a	b	c	d	e	f	g
0068	0069	006A	006B	006C	006D	006E	006F	0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	
h	i	j	k	l	m	n	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	00B4	00B5	00B6	00B7
	ı	¢	£	¤	¥	¦	§	¨	©	ª	«	¬	-	®	¯	°	±	²	³	´	µ	¶	·
00B8	00B9	00BA	00BB	00BC	00BD	00BE	00BF	00C0	00C1	00C2	00C3	00C4	00C5	00C6	00C7	00C8	00C9	00CA	00CB	00CC	00CD	00CE	00CF
¸	¹	º	»	¼	½	¾	¿	À	Á	Â	Ã	Ä	Å	Æ	Ç	È	É	Ê	Ë	Ì	Í	Î	Ï
00D0	00D1	00D2	00D3	00D4	00D5	00D6	00D7	00D8	00D9	00DA	00DB	00DC	00DD	00DE	00DF	00E0	00E1	00E2	00E3	00E4	00E5	00E6	00E7
Ð	Ñ	Ò	Ó	Ô	Õ	Ö	×	Ø	Ù	Ú	Û	Ü	Ý	Þ	ß	à	á	â	ã	ä	å	æ	ç
00E8	00E9	00EA	00EB	00EC	00ED	00EE	00EF	00F0	00F1	00F2	00F3	00F4	00F5	00F6	00F7	00F8	00F9	00FA	00FB	00FC	00FD	00FE	00FF
è	é	ê	ë	ì	í	î	ï	ð	ñ	ò	ó	ô	õ	ö	÷	ø	ù	ú	û	ü	ý	þ	ÿ

Latin Extended-A

Block from 0100 to 017F

0131	0141	0142	0152	0153	0160	0161	0178	017D	017E
ı	Ł	ł	Œ	œ	Š	š	Ÿ	Ž	ž

Latin Extended-B

Block from 0180 to 024F

0192
f

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Spacing Modifier Letters

Block from 02B0 to 02FF

02C6	02C7	02C9	02D8	02D9	02DA	02DB	02DC	02DD
ˆ	ˇ	˘	˙	˚	¸	˜	˝	˞

Greek and Coptic

Block from 0370 to 03FF

0394	03A9	03BC	03C0
Δ	Ω	μ	π

General Punctuation

Block from 2000 to 206F

2007	2008	200B	2013	2014	2018	2019	201A	201C	201D	201E	2020	2021	2022	2026	2030	2039	203A	2042	2044	2051
			—	—	‘	’	,	“	”	„	†	‡	•	...	‰	<	>	**	/	*

Superscripts and Subscripts

Block from 2070 to 209F

2070	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089
⁰	⁴	⁵	⁶	⁷	⁸	⁹	₀	₁	₂	₃	₄	₅	₆	₇	₈	₉

Currency Symbols

Block from 20A0 to 20CF

20AC
€

Letterlike Symbols

Block from 2100 to 214F

2113	2122	2126
ℓ	™	Ω

Number Forms

Block from 2150 to 218F

2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	216C	216D	216E	216F
<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>	<i>VI</i>	<i>VII</i>	<i>VIII</i>	<i>IX</i>	<i>X</i>	<i>L</i>	<i>C</i>	<i>D</i>	<i>M</i>

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Arrows

Block from 2190 to 21FF

2190	2191	2192	2193	2196	2197	2198	2199	21A9	21B0	21B1	21B2	21B3	21B4	21C6
←	↑	→	↓	↖	↗	↘	↙	↻	↺	↻	↻	↻	↻	↻

Mathematical Operators

Block from 2200 to 22FF

2202	2206	220F	2211	2212	2215	2219	221A	221E	222B	2248	2260	2264	2265	22C5
∂	Δ	Π	Σ	−	/	·	√	∞	∫	≈	≠	≤	≥	·

Enclosed Alphanumerics

Block from 2460 to 24FF

24C5
Ⓟ

Geometric Shapes

Block from 25A0 to 25FF

25A0	25A1	25B2	25B3	25CA	25CB	25CF
■	□	▲	△	◆	◯	●

Miscellaneous Symbols

Block from 2600 to 26FF

262E
☰

Dingbats

Block from 2700 to 27BF

2713	2715	2780	2781	2782	2783	2784	2785	2786	2787	2788
✓	✕	①	②	③	④	⑤	⑥	⑦	⑧	⑨

Private Use Area

Block from E000 to F8FF

E000	E002	E021
↩	↻	↻

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Alphabetic Presentation Forms

Block from FB00 to FB4F

FB00	FB01	FB02	FB03	FB04
<i>ff</i>	<i>fi</i>	<i>fl</i>	<i>ffi</i>	<i>ffl</i>

Arabic Presentation Forms-B

Block from FE70 to FEFF

FEFF

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Unencoded Glyphs

All unencoded glyphs are accessible with OpenType layout feature capable applications. For a complete list of supported OpenType layout features see the next section.

Case-Sensitive Forms

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(	)	-	[	]	{	}	i	«	-	»	¿	-	—	◀	▶

Denominators, Fractions

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

Fractions

-

Fractions, Numerators

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

Standard Ligatures

-	-	-	-	-
<i>ff</i>	<i>ffi</i>	<i>ffl</i>	<i>fi</i>	<i>fl</i>

Ordinals

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	<i>f</i>	<i>g</i>	<i>h</i>	<i>i</i>	<i>j</i>	<i>k</i>	<i>l</i>	<i>m</i>	<i>n</i>	<i>o</i>	<i>p</i>	<i>q</i>	<i>r</i>	<i>s</i>	<i>t</i>	<i>u</i>	<i>v</i>	<i>w</i>	<i>x</i>
-	-																						
<i>y</i>	<i>z</i>																						

Stylistic Alternates, Stylistic Set 1

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<i>G</i>

r

-
&

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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
□			/	,	‘	\	..	=	/	^	√	√	•	o	~	”	/	,

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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.



Contextual Alternates

In specified situations, replaces default glyphs with alternate forms which provide better joining behavior.



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.



Tabular Figures

Replaces figure glyphs set on proportional widths with corresponding glyphs set on uniform (tabular) widths.



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.

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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.



Stylistic Alternates

Many fonts contain alternate glyph designs for a purely esthetic effect; these don't always fit into a clear category like swash or historical. This feature replaces the default forms with the stylistic alternates.



Stylistic Set 1

Glyphs in stylistic sets may be designed to harmonise visually, interact in particular ways, or otherwise work together.



Stylistic Set 3



Stylistic Set 4



Stylistic Set 5



Stylistic Set 6



Stylistic Set 7



Alternate Annotation Forms

Replaces default glyphs with various notational forms (e.g. glyphs placed in open or solid circles, squares, parentheses, diamonds or rounded boxes).

Positioning Features



Capital Spacing

Globally adjusts inter-glyph spacing for all-capital text. Most typefaces contain capitals and lowercase characters, and the capitals are positioned to work with the lowercase. When capitals are used for words, they need more space between them for legibility and esthetics.

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Codepages

MacOS

MacOS Icelandic

MacOS Roman

MS Windows

MS Windows 1252 Western (ANSI)

ISO

ISO 8859- 1 Latin 1 (Western)

ISO 8859-15 Latin 9

IBM

IBM 37 United States - EBCDIC (IBM-28709)
IBM 273 Germany - EBCDIC
IBM 277 Denmark, Norway - EBCDIC
IBM 278 Finland, Sweden - EBCDIC
IBM 280 Italy - EBCDIC
IBM 284 Spain, Latin America - EBCDIC

IBM 285 United Kingdom - EBCDIC
IBM 297 France - EBCDIC
IBM 500 International - EBCDIC
IBM 871 Iceland - EBCDIC
IBM 1047 Open Systems - EBCDIC

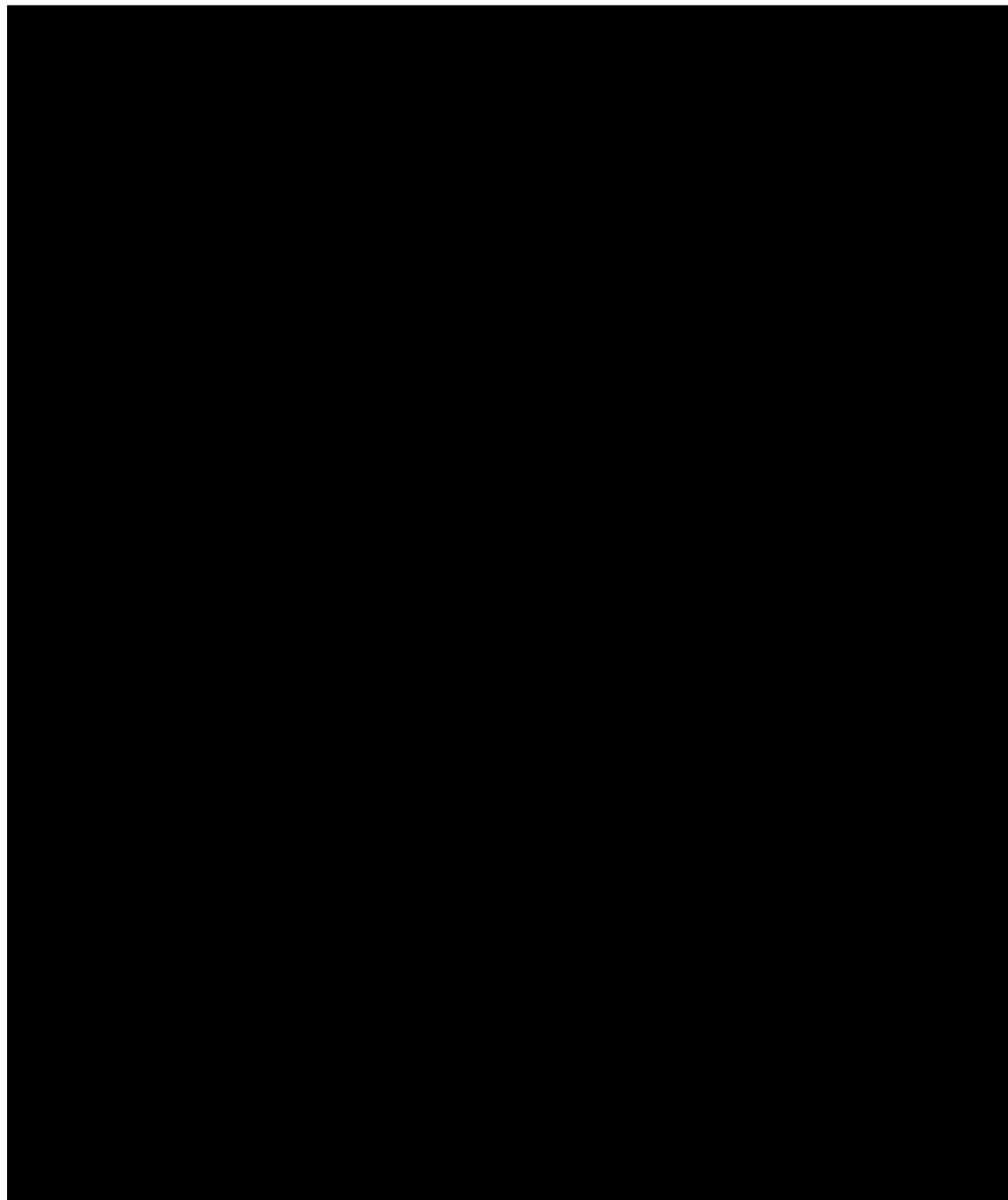
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Languages

Information about languages is mainly based on the Unicode Common Locale Data Repository. For details visit the [Unicode CLDR Project](#).

Afar	Galician	Manx	Somali
Albanian	Ganda	Morisyen	Sotho, Northern
Asu	German	North Ndebele	Sotho, Southern
Basque	Gusii	Norwegian Bokmål	South Ndebele
Bemba	Icelandic	Norwegian Nynorsk	Spanish
Bena	Indonesian	Nyankole	Swahili
Breton	Interlingua	Occitan	Swati
Chiga	Irish	Oromo	Swedish
Cornish	Italian	Portuguese	Swiss German
Danish	Jju	Romansh	Taita
Dutch	Kabuverdianu	Rombo	Taroko
English	Kalenjin	Rwa	Teso
Estonian	Kinyarwanda	Saho	Tsonga
Faroese	Low German	Samburu	Tswana
Filipino	Luo	Sango	Tyap
Finnish	Luyia	Sena	Vunjo
French	Machame	Shambala	Xhosa
Frisian West	Makonde	Shona	Zulu
Friulian	Malagasy	Sidamo	
Ga	Malay	Soga	

Lineto GmbH
PO Box 461
CH-6403 Küssnacht am Rigi / Switzerland
General inquiries — service@lineto.com
Technical inquiries — support@lineto.com
Sales & licensing inquiries — sales@lineto.com



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