

GUST

Grupa
Użytkowników
Systemu
TeX

The Polish TeX Users Group, GUST, supports initiatives leading to digitization of Polish traditional fonts. GUST also supports polonization of popular fonts published under GNU or GNU-like licences. The resulting fonts are freely available.

Antykwa Toruńska

ver. 2.03

Type designer: Zygfryd Gardzielewski, Toruń, Poland

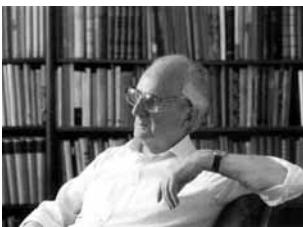
Font author: Janusz Marian Nowacki, Grudziądz, Poland

April 2005



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J.Nowacki@gust.org.pl
www.janusz.nowacki.strefa.pl



Zygflyd Gardzielewski
(1914–2001)

Antykwa Toruńska (meaning just “Antiqua of Torun”) is a two-element typeface designed by Zygflyd Gardzielewski, a typographer from Toruń (Thorn), Poland. A few people cooperated on the font during the metal type design phase. The font is mainly used for typesetting of small prints. Its characteristic features are the widening of vertical stems at the top and the wave-like form of some of the horizontal and diagonal lines as well as of the serifs. Antykwa Toruńska was first cast in metal in 1960 in the Grafmasz typefoundry in Warsaw. It was produced in the ordinary, semibold and slanted faces in sizes from 6 to 48 dd.

I began digitizing Antykwa Toruńska in early 1995. The first, very poor version was based on a font catalogue. It was a very imperfect source. The next version was based on photocopies of the original design drawings made available to me by Zygflyd Gardzielewski, to whom I am very grateful for this. Andrzej Tomaszewski, a well known Polish typographer, made me aware that this version was also of poor quality because it too closely tried to follow the original which was created in the pre-digital era, thirty years ago, using the traditional approach. Version 1.0, which deserves to be called computerised in that it was precise and reused character building elements across the font, was released in 1998 and comprised (similarly as the original) of three faces: upright, bold and italic.

The current distribution was generated using the METATYPE1 tools package authored by Bogusław Jackowski, Janusz M. Nowacki and Piotr Strzelczyk. Version 2.01 contains a greatly extended character set (e.g., cyrillic, greek, most often used mathematical symbols and currency symbols, additional ligatures), as well as additional typefaces (light, regular, medium and bold in normal and condensed widths).

I prepared separate Type 1 sets of 256 characters for Windows and Linux (in various encodings) and complete TrueType and OpenType font sets with over 1060 glyphs each.

A lot of people helped me generously in preparing this version of Antykwa Toruńska. I would like to express my gratitude to Mrs Janina Gradzielewska (Zygflyd Gardzielewski’s wife), Bogusław Jackowski, Andrzej Tomaszewski, Marcin Woliński. Jerzy Ludwichowski translated this document into English. Very many thanks.

INSTALLING IN A \TeX SYSTEM

CAUTION: the installation requires previous versions of Antykwa Toruńska to be uninstalled.

The Antykwa Toruńska PostScript font package (file AntykwaTorunska-tex-2_03.zip) for \TeX conforms to the \TeX Directory Structure (TDS) v. 1.1 which allows for an easy installation, e.g., in the popular \TeX Live distribution. It suffices to copy the doc, fonts and tex subdirectories into their counterparts in the global or local tree of your \TeX installation. In the next step one should add the font map name, e.g., antt.map to the web2c/updmap.cfg file and run the updmap program.



A woodcut by Zygflyd Gardzielewski.

ABCabc
ABCabc
ABCabc
ABCabc

ABCabc
ABCabc
ABCabc
ABCabc

The original, cast in lead
Antykwa Toruńska was designed
by Gardzielewski in only three
variants: normal, semibold and
italic. Now eight variants are
available.

ABCabc
ABCabc
ABCabc
ABCabc

The Condensed fonts are
provided for special applications.

ABCABC
ABCABC
ABCABC
ABCABC

A smallcaps variant is also
available.

THE PACKAGE for T_EX

The complete distribution of Antykwa Toruńska for T_EX contains the following files in a TDS-conformant tree:

doc/fonts/antt/

- documentation and examples of use

fonts/enc/dvips/antt

- files with reencodings into different T_EX font layouts

fonts/map/dvips/antt

- the font mapping files (to be included – using the updmap program – in the global psfonts.map file used by the dvips program as well as the analogues for the pdftex and dvipdfm programs)
The .map files for the following encodings are included: ec, qx, texnansi, wnci, t2a, t2b, t2c, greek, cs, t5.

fonts/afm/public/antt

- metric files *.afm

fonts/tfm/public/antt

- metric files *.tfm for T_EX

▷ latin characters

(* denotes the encoding used: ec, cs, t5, qx or texnansi)

normal text fonts

*-anttl – Antykwa Toruńska Light-Regular
*-anttli – Antykwa Toruńska Light-Italic
*-anttm – Antykwa Toruńska Medium-Regular
*-anttmi – Antykwa Toruńska Medium-Italic
*-antrr – Antykwa Toruńska Regular
*-antri – Antykwa Toruńska Italic
*-anttb – Antykwa Toruńska Bold
*-anttbi – Antykwa Toruńska BoldItalic

Caps text fonts

*-anttlcap – Antykwa Toruńska Caps Light-Regular
*-anttlicap – Antykwa Toruńska Caps Light-Italic
*-anttmcap – Antykwa Toruńska Caps Medium-Regular
*-anttmicap – Antykwa Toruńska Caps Medium-Italic
*-anttrcap – Antykwa Toruńska Caps Regular
*-antricap – Antykwa Toruńska Caps Italic
*-anttbcap – Antykwa Toruńska Caps Bold
*-anttbicap – Antykwa Toruńska Caps BoldItalic

2 3 6 7 8 9
2 3 6 7 8 9
2 3 6 7 8 9
2 3 6 7 8 9

Nautical (“old style”) digits are built into the caps variants.

АБВабвг
АБВабвг
АБВабвг
АБВабвг

АБВабвг
АБВабвг
АБВабвг
АБВабвг

All Antykwa Toruńska fonts contain the characters of the cyrillic alphabets.
The “wncy” encoding allows the use of ASCII characters for text entry into the TeX source code. For L^ET_EX the “t2a”, “t2b” and “t2c” encodings are used.

normal Condensed text fonts

- *-anttcl — Antykwa Toruńska Condensed Light-Regular
- *-anttcli — Antykwa Toruńska Condensed Light-Italic
- *-anttcm — Antykwa Toruńska Condensed Medium-Regular
- *-anttcmi — Antykwa Toruńska Condensed Medium-Italic
- *-anttcr — Antykwa Toruńska Condensed Regular
- *-anttcni — Antykwa Toruńska Condensed Italic
- *-anttcb — Antykwa Toruńska Condensed Bold
- *-anttcbi — Antykwa Toruńska Condensed BoldItalic

caps Condensed text fonts

- *-anttclcap — Antykwa Toruńska Condensed Caps Light-Regular
- *-anttclicap — Antykwa Toruńska Condensed Caps Light-Italic
- *-anttcmcap — Antykwa Toruńska Condensed Caps Medium-Regular
- *-anttcicap — Antykwa Toruńska Condensed Caps Medium-Italic
- *-anttcrcap — Antykwa Toruńska Condensed Caps Regular
- *-anttcricap — Antykwa Toruńska Condensed Caps Italic
- *-anttcbcap — Antykwa Toruńska Condensed Caps Bold
- *-anttcbcap — Antykwa Toruńska Condensed Caps BoldItalic

▷ Cyrillic characters

(* denotes the encoding used: wncy, t2a, t2b or t2c)

text fonts

- *-anttl — Antykwa Toruńska Cyrillic Light-Regular
- *-anttli — Antykwa Toruńska Cyrillic Light-Italic
- *-anttm — Antykwa Toruńska Cyrillic Medium-Regular
- *-anttmi — Antykwa Toruńska Cyrillic Medium-Italic
- *-anttr — Antykwa Toruńska Cyrillic Regular
- *-anttri — Antykwa Toruńska Cyrillic Italic
- *-anttb — Antykwa Toruńska Cyrillic Bold
- *-anttbi — Antykwa Toruńska Cyrillic BoldItalic

Condensed text fonts

- *-anttcl — Antykwa Toruńska Condensed Cyrillic Light-Regular
- *-anttcli — Antykwa Toruńska Condensed Cyrillic Light-Italic
- *-anttcm — Antykwa Toruńska Condensed Cyrillic Medium-Regular
- *-anttcmi — Antykwa Toruńska Condensed Cyrillic Medium-Italic
- *-anttcr — Antykwa Toruńska Condensed Cyrillic Regular
- *-anttcni — Antykwa Toruńska Condensed Cyrillic Italic
- *-anttcb — Antykwa Toruńska Condensed Cyrillic Bold
- *-anttcbi — Antykwa Toruńska Condensed Cyrillic BoldItalic

ΣΩαβγδ
ΣΩαβγδ
ΣΩαβγδ
ΣΩαβγδ

ΣΩαβγδ
ΣΩαβγδ
ΣΩαβγδ
ΣΩαβγδ

Antykwa Toruńska contains all characters from the basic greek alphabet. I do not provide the alternative characters known as the "polytonic" characters.

ABC abc
123 ← ⇒ ↑
↓ ♣ ♠ ♥
◊ ≫ × ∑
∈ ↓ ↴ ↵
↖ ∩ ⊕ ⊗
○ ⊥ e

Antykwa Toruńska fonts contain also mathematical characters and various other symbols. They are not covered in the standard encoding tables. The fonts with the "exp" (expert) prefix were created to enable the use of such symbols.

▷ **greek characters (coded as cp1253)**

normal fonts

greek-anttl — Antykwa Toruńska Greek Light-Regular
greek-anttli — Antykwa Toruńska Greek Light-Italic
greek-anttm — Antykwa Toruńska Greek Medium-Regular
greek-anttmi — Antykwa Toruńska Greek Medium-Italic
greek-antr — Antykwa Toruńska Greek Regular
greek-antri — Antykwa Toruńska Greek Italic
greek-anttb — Antykwa Toruńska Greek Bold
greek-anttbi — Antykwa Toruńska Greek BoldItalic

Condensed fonts

greek-anttcl — Antykwa Toruńska Condensed Greek Light-Regular
greek-anttcli — Antykwa Toruńska Condensed Greek Light-Italic
greek-anttcm — Antykwa Toruńska Condensed Greek Medium-Regular
greek-anttcmi — Antykwa Toruńska Condensed Greek Medium-Italic
greek-anttcr — Antykwa Toruńska Condensed Greek Regular
greek-anttcrl — Antykwa Toruńska Condensed Greek Italic
greek-anttcb — Antykwa Toruńska Condensed Greek Bold
greek-anttcbi — Antykwa Toruńska Condensed Greek BoldItalic

▷ **The Expert fonts (nonstandard encoding)**

exp-anttcl — Antykwa Toruńska Exp Light-Regular
exp-anttcli — Antykwa Toruńska Exp Light-Italic
exp-anttcm — Antykwa Toruńska Exp Medium-Regular
exp-anttcmi — Antykwa Toruńska Exp Medium-Italic
exp-anttcr — Antykwa Toruńska Exp Regular
exp-anttcrl — Antykwa Toruńska Exp Italic
exp-anttcb — Antykwa Toruńska Exp Bold
exp-anttcbi — Antykwa Toruńska Exp BoldItalic

fonts/type1/public/antt

- the complete (each with over 1060 glyphs) PostScript files *.pfb, used by the TeX system drivers.

tex/latex/antt

- *.sty or *.fd files for LATEX users prepared by Petr Olšák and Marcin Woliński

tex/plain/antt

- *.tex files prepared by Petr Olšák

\LaTeX source:

```
\textsc{If one examines
\textbf{subcapitalist}
deconstructivist} theory, one
is faced with a choice: either
reject \textbf{Debordist}
situation or \textsc{conclude}
that reality must come from the
\textit{masses}}, but only if
the premise of postsemantic
theory is invalid; otherwise,
\textit{Bataille's model
\textbf{of cultural} narrative
is one of "capitalist
discourse"}, and hence
intrinsically elitist.}
```

```
\usepackage{anttor}
IF ONE EXAMINES SUBCAPITALIST
DECONSTRUCTIVIST theory, one is
faced with a choice: either reject
Debordist situation or conclude
THAT REALITY MUST COME FROM
THE masses, but only if the
premise of postsemantic theory
is invalid; otherwise, Bataille's
model of cultural narrative
is one of "capitalist discourse", and
hence intrinsically elitist.
```

```
\usepackage[light]{anttor}
IF ONE EXAMINES SUBCAPITALIST
DECONSTRUCTIVIST theory, one is
faced with a choice: either reject
Debordist situation or conclude
THAT REALITY MUST COME FROM
THE masses, but only if the
premise of postsemantic theory
is invalid; otherwise, Bataille's
model of cultural narrative
is one of "capitalist discourse", and
hence intrinsically elitist.
```

```
\usepackage[condensed]
{anttor}
IF ONE EXAMINES SUBCAPITALIST
DECONSTRUCTIVIST theory, one is faced
with a choice: either reject Debordist
situation or conclude
THAT REALITY MUST COME FROM THE
masses, but only if the premise of
postsemantic theory is invalid;
otherwise, Bataille's model of
cultural narrative is one of
"capitalist discourse", and hence
intrinsically elitist.
```

```
\usepackage[light,
condensed]{anttor}
IF ONE EXAMINES SUBCAPITALIST
DECONSTRUCTIVIST theory, one is faced
with a choice: either reject Debordist
situation or conclude
THAT REALITY MUST COME FROM THE
masses, but only if the premise of
postsemantic theory is invalid;
otherwise, Bataille's model of
cultural narrative is one of
"capitalist discourse", and hence
intrinsically elitist.
```

ANTYKWA TORUŃSKA IN *\LaTeX*

1. AS THE DEFAULT DOCUMENT FONT.

To make ANTYKWA TORUŃSKA the default font for the current document is easily done with the *anttor* package. Antykwa Toruńska is available in a number of layouts (character sets). The typesetting of English language documents can be done with the default OT1 encoding. Encodings in T1, T2 variants and OT2 are also available. Typesetting of Polish language documents can be done by enabling the OT4 layout (e.g., by loading the *polski* package). A richer subset of the font repertoire is available through the use of the QX layout:

```
\usepackage{polski,anttor}
\usepackage[QX]{fontenc}
```

Moreover, when calling the *anttor* package the options light and/or condensed are available to request the light and/or condensed variants of the type, respectively. The result of the standard directives *\textit*, *\textbf*, *\textsc* and their combinations for different package loading options is shown on the left.

2. IN DOCUMENT FRAGMENTS.

The *\LaTeX* name for ANTYKWA TORUŃSKA is *antt*. To typeset a text fragment with Antykwa the following commands are sufficient (no packages need to be loaded, Latin Modern is the default font):

If one examines subcapitalist deconstructivist theory, one is faced with a choice: either reject Debordist situation or {\fontfamily{antt}\selectfont conclude that reality must come from the masses}, but only if the premise

If one examines subcapitalist deconstructivist theory, one is faced with a choice: either reject Debordist situation or conclude that reality must come from the masses, but only if the premise

The light and/or condensed variants may be obtained by giving relevant arguments to *\fontseries*:

If one examines subcapitalist deconstructivist theory, one is faced with a choice: either reject Debordist situation or {\fontfamily{antt}\fontseries{1}\selectfont conclude that reality must come {\fontseries{bc}\selectfont from the masses}}, but only if the premise

If one examines subcapitalist deconstructivist theory, one is faced with a choice: either reject Debordist situation or conclude that reality must come **from the masses**, but only if the premise

It is easier to use the *family* name to select the light and/or condensed variants:

antt	normal
anttl	light
anttc	condensed
anttlc	light condensed

The description of the *\fontfamily* and *\fontseries* commands can be found in the *fntguide.tex* document which is distributed with *\LaTeX*.

It is worthwhile to get familiar with Petr Olšák's OFS package. It immensely eases font handling in plain and L^AT_EX documents. Here is an example of how to use OFS:

```
% input the package
\input ofs [pantryk]
% or in LATEX
\usepackage [pantryk] {ofs}
% Cork encoding
\def\fotenc{8t}
% define the document
% default font
\setfonts
    [AntykwaToruńska/9pt]
```

Antykwa Toruńska with OFS can be used as the default font in the following eight variants: {\lr Light}, Regular, {\mr Medium}, {\bf Bold}, {\li Light Italic}, {\it Italic}, {\mi Medium Italic}, {\bi Bold Italic}.

Antykwa Toruńska with OFS can be used as the default font in the following eight variants: Light, Regular, Medium, **Bold**, *Light Italic*, *Italic*, *Medium Italic*, **Bold Italic**.

Additional font variants can be defined, e.g.:

```
% Caps font Medium
\fontdef\cscmr
[AntykwaToruńskaCaps-mr/9pt]
% Title font Light
\fontdef\title [!-lr/16pt]
% Small font Regular
\fontdef\small [!/6pt]
```

The OFS package can do a lot more. I encourage you to read the documentation:

<ftp://math.feld.cvut.cz/pub/olsak/ofs/>

ANTYKWA TORUŃSKA IN PLAIN

The standard font declarations in the plain format look like this:

```
\font\rm qx-antr at 9pt
\font\bf qx-antb at 9pt
\font\it qx-antri at 9pt
```

Now, the declared fonts might be used as follows:

\rm If one examines subcapitalist deconstructivist theory, one is faced with a choice: {\it either reject Debordist situation or conclude that reality must come} from the masses, {\bf but only if the premise of postsemantic theory is invalid}; otherwise, Bataille's model of cultural

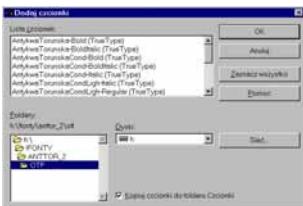
If one examines subcapitalist deconstructivist theory, one is faced with a choice: *either reject Debordist situation or conclude that reality must come from the masses, but only if the premise of postsemantic theory is invalid*; otherwise, Bataille's model of cultural

For special purposes more elaborate macro definitions might be employed, e.g.:

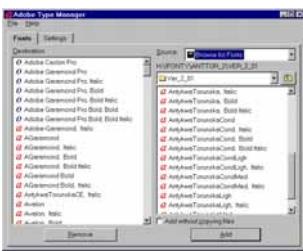
```
\newdimen\sizeoffont
\def\declarefont#1#2{%
  #1: TeX name; #2: TFM file name
  \expandafter\def\csname #1\endcsname
    {\expandafter\afterassignment\csname #1_\endcsname
      \sizeoffont=}%
  \expandafter\def\csname #1_\endcsname
    {\font\currfont #2 at \sizeoffont\relax \currfont}%
  \baselineskip=1.2\sizeoffont
}
\declarefont{anttn}{qx-antr}
\declarefont{anttb}{qx-antb}
\declarefont{antti}{qx-antri}
```

which in the text look like this:

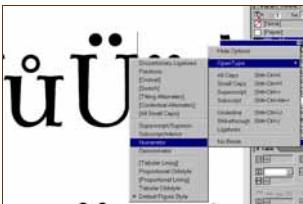
\anttn9pt If one examines subcapitalist deconstructivist theory, one is faced with a choice: {\antti9pt either reject Debordist situation or conclude that reality must come} from the masses, {\anttb9pt but only if the premise of postsemantic theory is invalid}; otherwise, Bataille's model of cultural



The MS Windows dialog window
"Adding fonts"



The ATM (Adobe Type Manager) dialog window for managing PostScript fonts.



Selecting font features in the
InDesign program.

INSTALLING IN WINDOWS SYSTEMS

1. WINDOWS XP

True Type fonts (from *AntykwaTorunska-ttf-2_03.zip*) and OpenType (from *AntykwaTorunska-otf-2_03.zip*) with the complete font set can be installed in the fonts dialog window: *Start → Settings → Control Panel → Fonts*.

Thanks to Unicode, typesetting in languages based on the latin, cyrillic and greek alphabets is possible. Mathematical characters and symbols, nautical digits and small caps are also available. Following features are built into OpenType fonts:

- sups — Superior
- sinf — Inferior
- numr — Numerators
- dnom — Denominators
- cpsp — Capital Spacing
- onum — Old Style Numerals
- smcp — Small Capitals
- liga — Standard Ligatures
- dlig — Discretionary Ligatures
- frac — Fractions

The availability of these features depends upon application support, e.g., the Adobe InDesign program offers all of them.

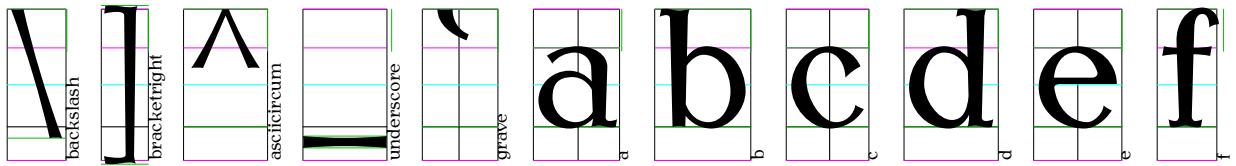
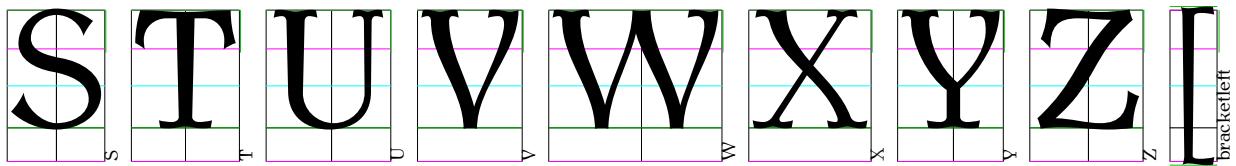
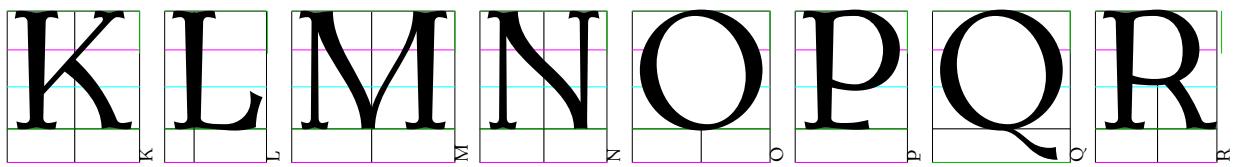
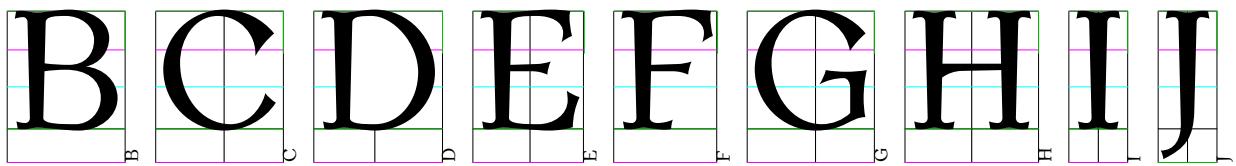
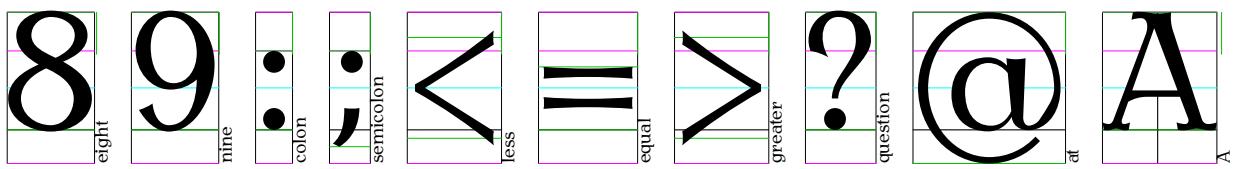
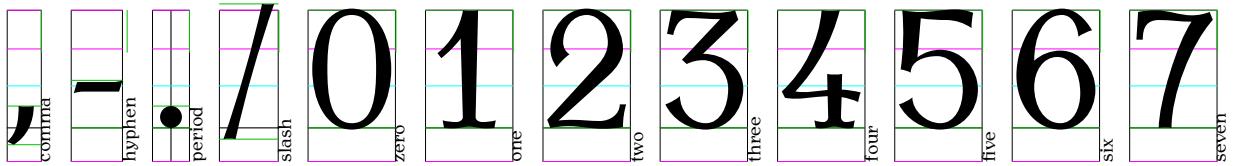
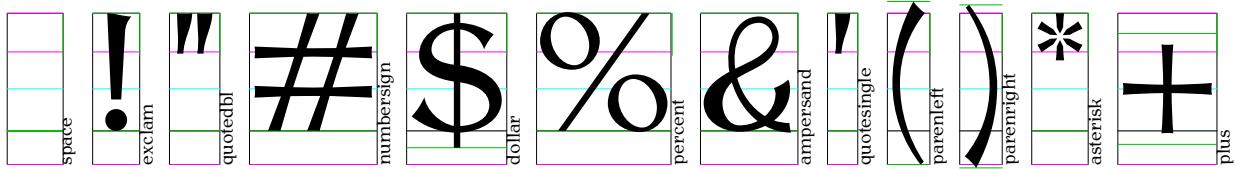
2. WINDOWS 98 and older versions

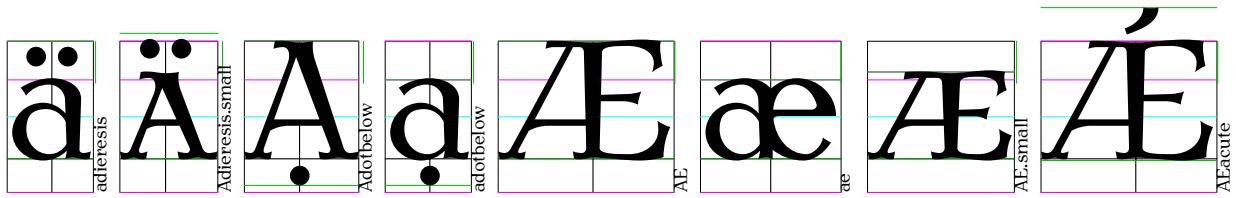
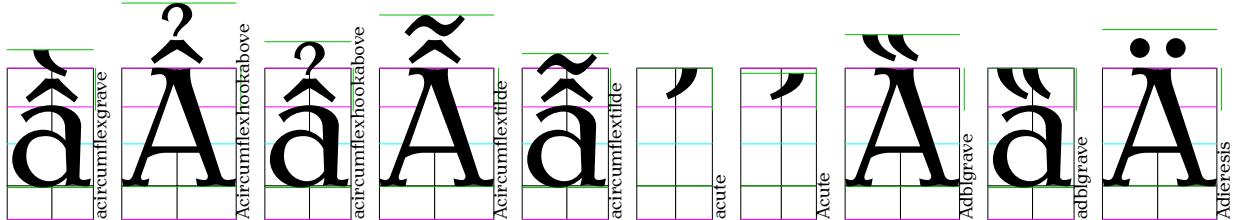
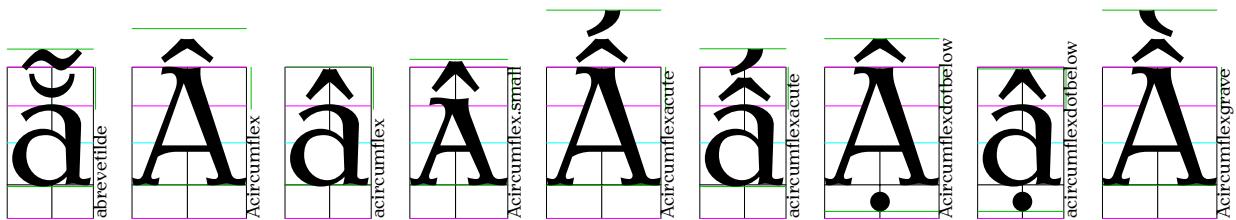
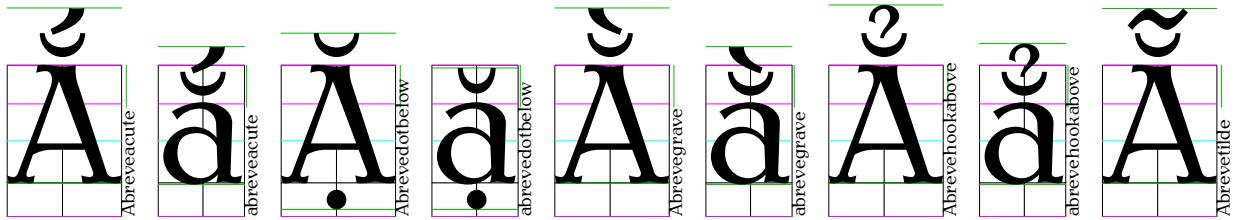
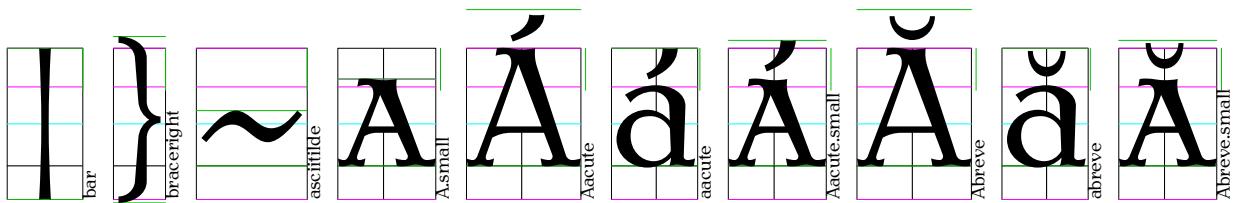
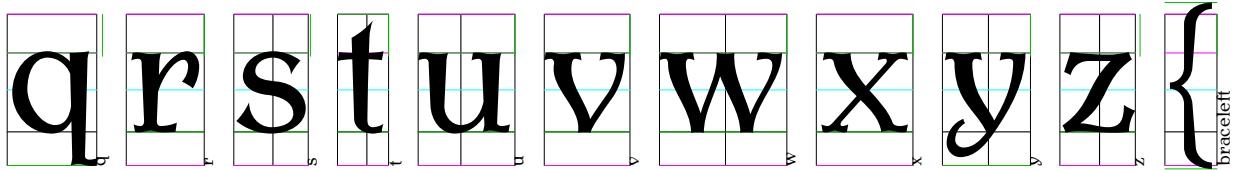
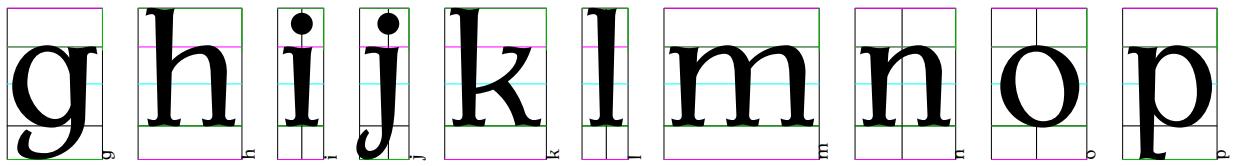
The True Type fonts (.ttf) may be installed in a similar manner. For the installation of Type 1 fonts (file *AntykwaTorunska-type1-2_03.zip*) the Adobe Type Manager program which manages PostScript fonts is required. These fonts contain 256 characters each in the following encodings: standard encoding, standard encoding small caps, cp1250, cp1250 small caps, qx, qx small caps, cp1253, cyrylic. I do not recommend OpenType fonts with this operating systems as there is no adequate multilanguage support.

3. Other operating systems

Antykwa Toruńska fonts can also be installed in and used with those operating systems which support the OpenType format, as e.g., Linux (X-Window version 4 and higher) or Apple Mac OS (version X and higher).

An example
of font contents:
Antykwa Toruńska Regular





æ	À	à	Á	á	Â	â	Ã	â
aeacute	grave	grave	grave, small	grave	ahookabove	ahookabove	Alpha	alpha
								Alphatonic

$\acute{\alpha}$	\bar{A}	\bar{a}	$\text{A}\bar{a}$	$\text{a}\bar{A}$	$\text{A}\bar{A}$	$\text{a}\bar{a}$	$\text{A}\bar{a}$	$\text{a}\bar{A}$
alphatonic	Amacron	amacron	Anacron, small	Anacron, small	anglearc	anglearc	Agonek	Agonek, small
								approxequal

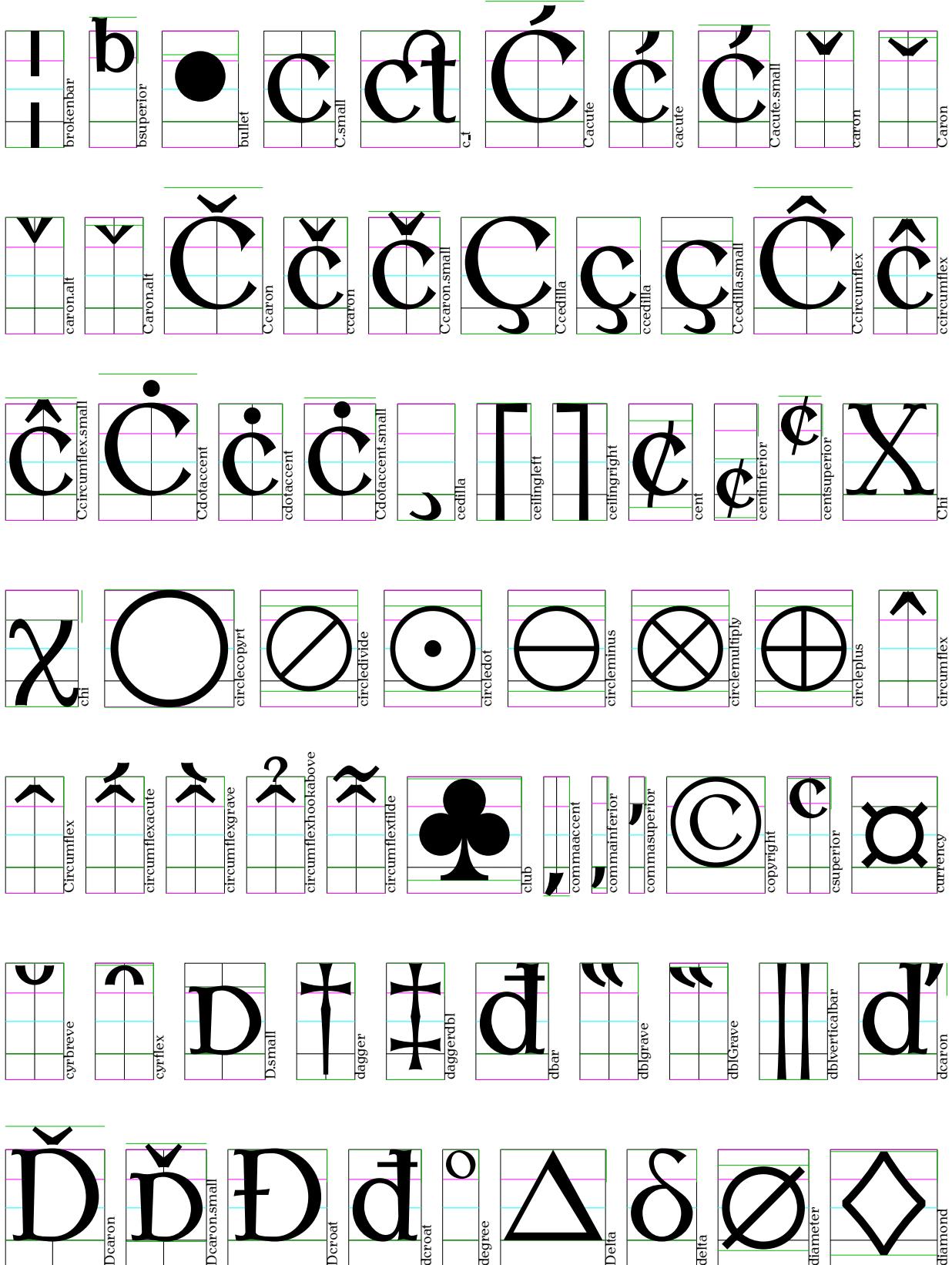
Å	å	Å	Å	å	Å	å	Å	å
Aring	aring	aring	Aring, small	Aringacute	Aringacute	arrowboth	arrowboth	arrowboth
								arrowbothdown

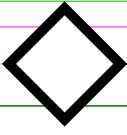
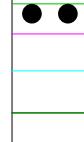
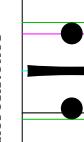
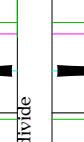
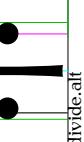
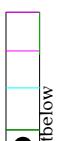
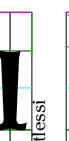
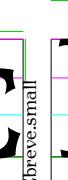
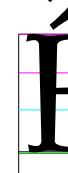
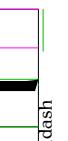
$\blackleftarrow\blackrightarrow$	$\blackrightarrow\blackleftarrow$	$\blackuparrow\blackdownarrow$	$\blackdownarrow\blackuparrow$	$\blackuparrow\blackdownarrow$	CC	CC	$\blackuparrow\blackdownarrow$	$\blackleftarrow\blackrightarrow$
arrowlefttophalf	arrowbright	arrowup	arrowdown	arrowdown	arrowhookleft	arrowhookright	arrowleft	arrowlefttophalf

$\swarrow\searrow$	$\nearrow\swarrow$	$\nwarrow\nearrow$	$\nwarrow\swarrow$	$\rightarrow\rightarrow$	$\rightarrow\rightarrow$	$\rightarrow\rightarrow$	$\nearrow\swarrow$	$\nearrow\swarrow$
arrowlefttophalf	arrownortheast	arrownorthwest	arrownorthwest	arrowright	arrowrightboth	arrowrightboth	arrowrighttophalf	arrowrighttophalf

$\nearrow\searrow$	$\nearrow\swarrow$	\uparrow	$\uparrow\downarrow$	\rightarrow	\star	a	\sim	A
arrowsoutheast	arrowsouthwest	arrowup	arrowopen	arrowright	asteriskmath	asuperior	asymptoticallyequal	Affide

\tilde{a}	\tilde{A}	B	β	c	c	c	c	c
affide	Affide, small	B, small	Beta	beta	breve	breveacute	brevegrave	brevehookabove
								brevetilde



	diamond		dieresis		Dieresis		Dieresis		divide		divide.alt		dollar.oldstyle		dollarinferior		dollarsuperior		dotaccent
	Dotaccent		dotaccentsuperior		dotbelow		dotlessi		dotlessj		dsuperior		E.small		Eacute		eacute		Egrave
	ebreve		Egrave.small		Ecaron		ecaron		Ecircon.small		Ecircumflex		Ecircumflex		Ecircumflex.small		Ecircumflexacute		Ecircumflexacute
	Ecircumflexdotbelow		ecircumflexdotbelow		Ecircumflexgrave		Ecircumflexgrave		ecircumflexgrave		Ecircumflexhookabove		ecircumflexhookabove		Ecircumflexhook2		Ecircumflexhook2		Edgrave
	edgrave		Edoteresis		Eddoteresis		Edoteresis.small		Edotdot		Edotdot		Edotdot		Edotdot		Edotdot		Edotdot
	Egrave		Egrave.small		Ehookabove		Ehookabove		eight.number		eight.oldstyle		eight.oldstyle		eight.oldstyle		eight.oldstyle		Egrave
	Emacron		Emacron.small		Emdash		Emdash		Eng		Eng		Eng		Eng		Eng		Engonek

	e	egonek
	E	Egonek.small
	E	Epsilon
	ε	epsilon
	ε	epsilon.alt
	Ε	Epsilon.tonos
	Ϛ	Epsilon.iontos
	≡	equal.alt
	≣	equivalence

	) (	equivasymptotic
	e	estimated
	e	esuperior
	H	Eta
	n	Eta.eta
	H	Eta.iontos
	η̄	Eta.atornos
	D	Eth

	ð	eth
	ð	Eth.small
	E	Efide
	é	etilde
	€	Euro
	€	euronfior
	i	exclamdown
	Ǝ	existential
	E	F.small

	ffj	ffj
	fj	fj
	fk	fk
	ff	ff
	ffi	ffi
	ffl	ffl
	fi	fi
	5	five.dnom

	5	five.numr
	5	five.taboldstyle
	5/8	five.eighths
	5	fiveinferior
	5	fivesuperior
	fl	fl
	b	flat
	L	floorleft
	J	floorright
	f	florin
	f	florinsuperior

	Y	follows
	Y	followsequal
	4	four.dnom
	4	four.numr
	4	four.taboldstyle
	4	fourinferior
	4	foursuperior
	f	fraction
	G	G.small
	G	Gacute

	ḡ	gacute
	Ĝ	Gacute.small
	Γ	Gamma
	γ	gamma
	Ĝ	Gbreve
	ḡ	gbreve
	Ĝ	Gbreve.small
	Ĝ	Gcaron
	ḡ	Gcaron

Gacute.small	Gcircumflex	gcircumflex	Gcircumflex.small	Gcircumflex.small	gcommaccent	Gcommaccent.small	Gdotaccent	gdotaccent

Gdotaccent.small	germandbls	germandbls	Germandbls.small	'	Grave	greater.alt	greaterequal	greaterequal.altpli

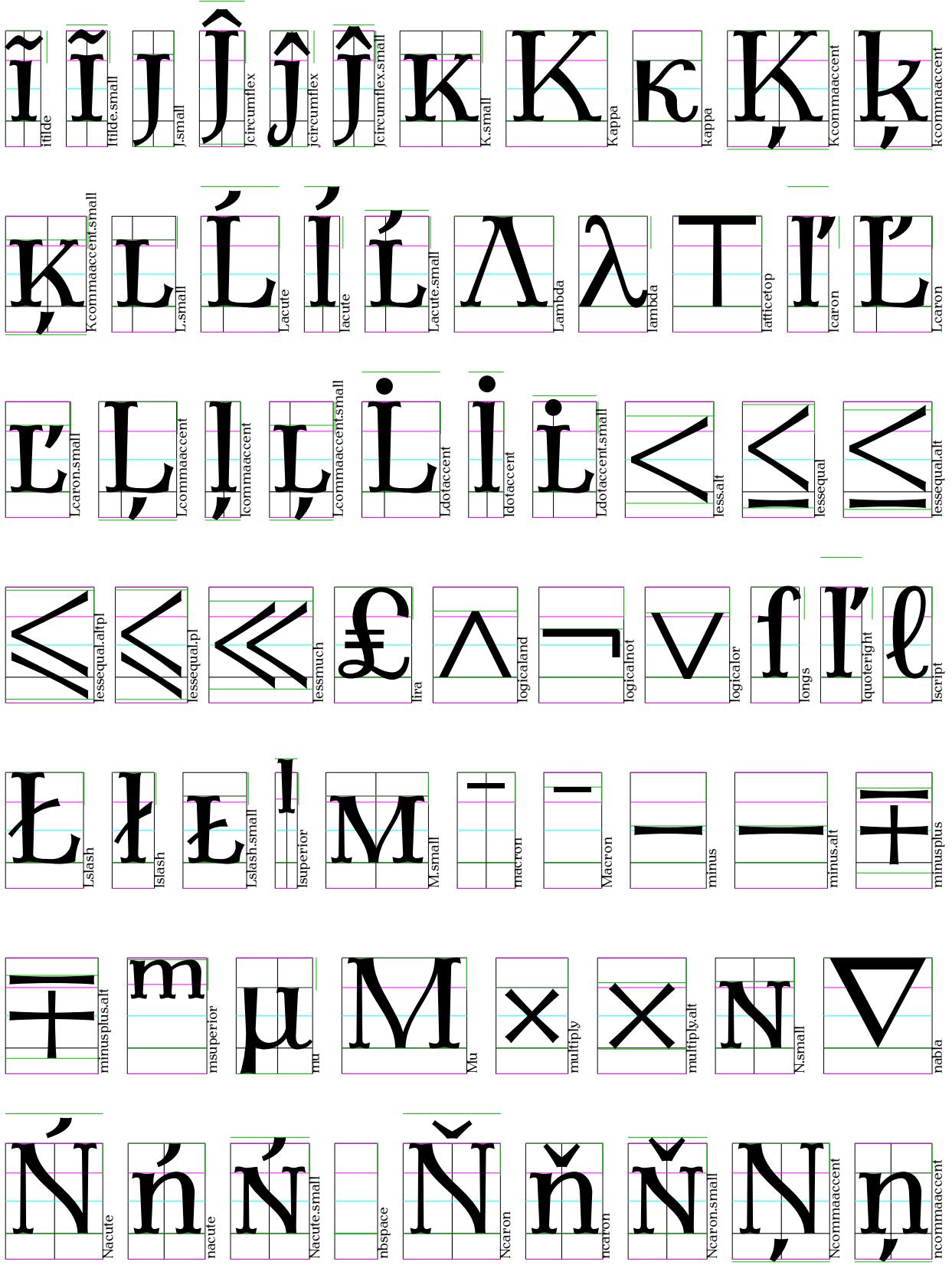
greateralt	guillemotleft	guillemotright	guillemotleft	guillemotright	guillemotleft	H.small	Hbar	hbar	Hcircumflex

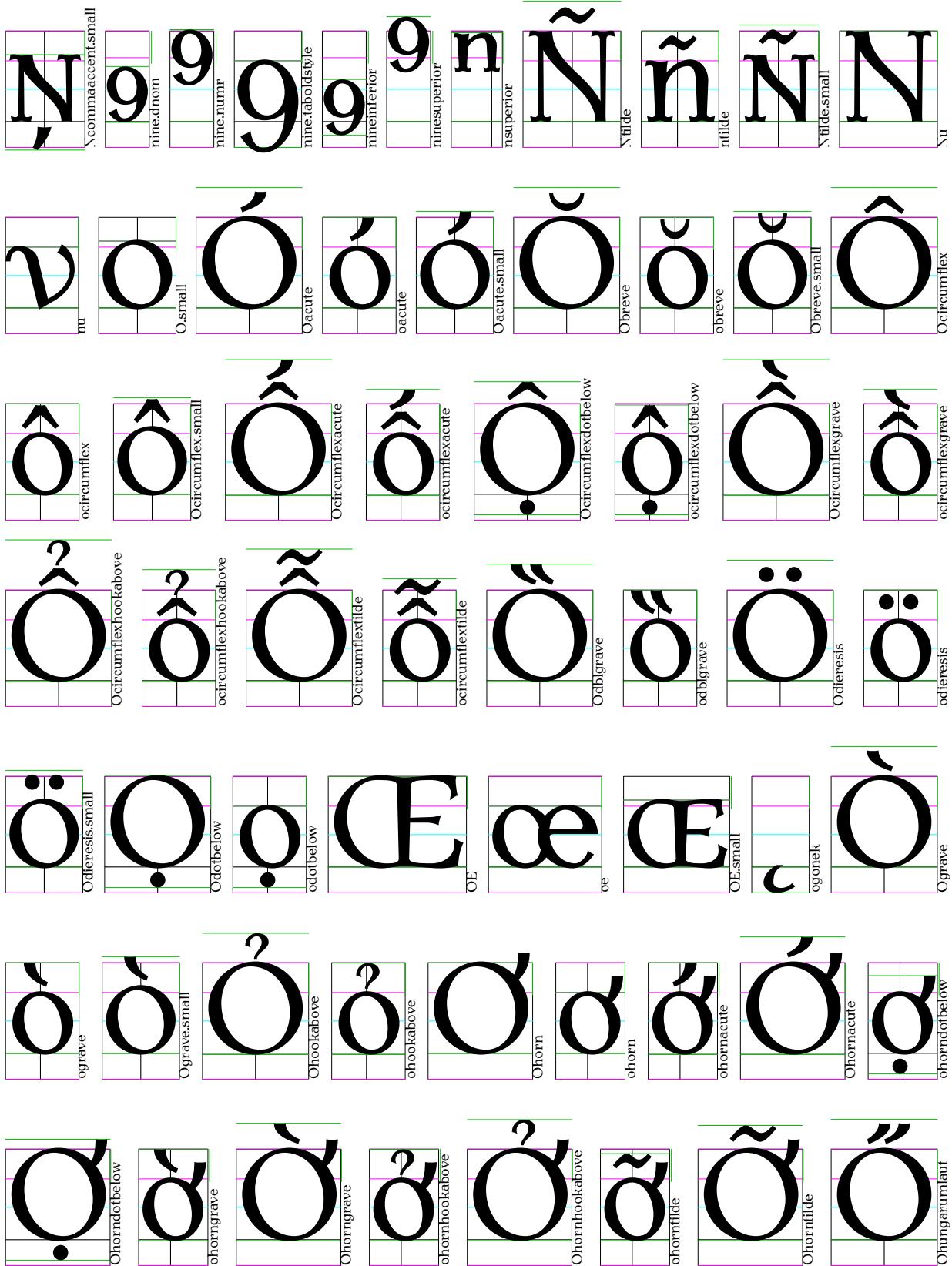
hcircumflex	Hcircumflex.small	heart	hookabove	hsuperior	"	"	hungarumlaut	Hungarumlaut	Iacute	Igrave

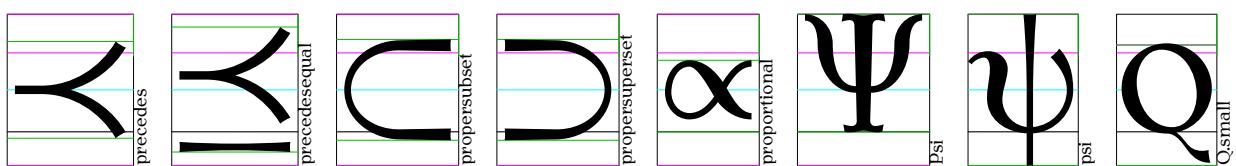
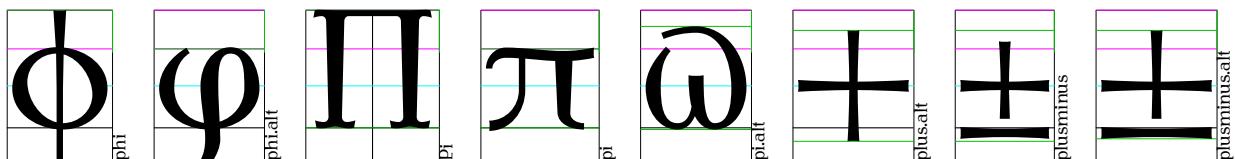
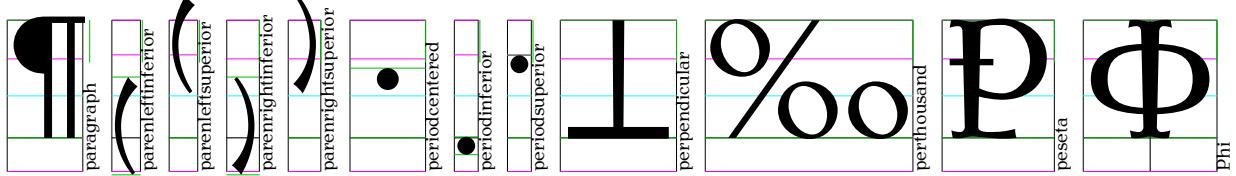
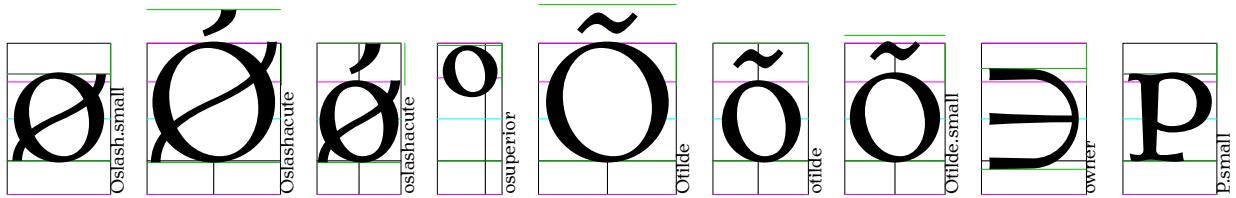
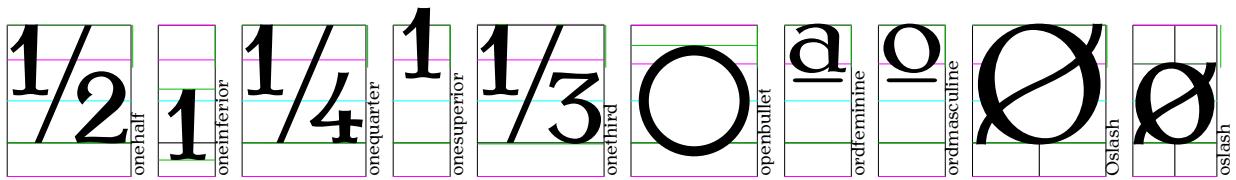
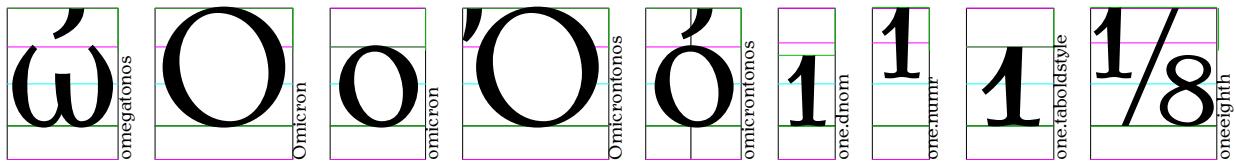
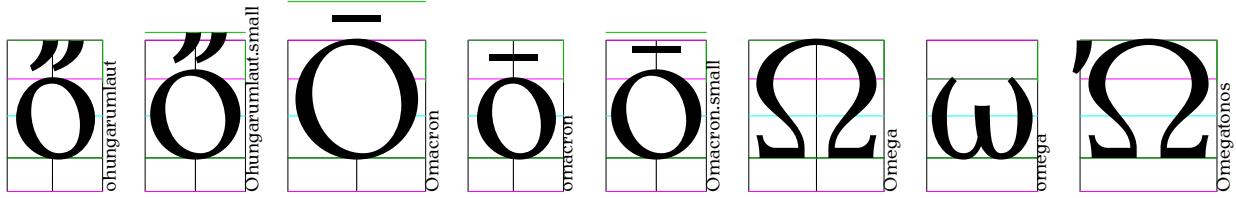
iacute.small	ibreve	ibreve	icircumflex	icircumflex	icircumflex	idblgrave	idblgrave	ideresis	ideresis	idbelow	idbelow

igrave	igrave.small	ithookabove	ithookabove	ij	ij	ij	ij	idotaccent	idotbelow	igrave

intersectionsq	logonek	logonek	logonek.small	iota	iota	iota	iota	iotadieresis	iotadieresis	iotadieresistonos







	questiondown		quotedblbase		quotedblleft		quotedblright		quotelleft		quoteright		quotesinglbase		R		acute R		grave R		circumflex R
														P.small		Racute	racute	Rgrave	rgrave	Rcircumflex	Rcircumflex

	r caron		R caron,small		R comma accent		r comma accent		r commadcent		R comma accent,small		acute r		grave r		acute U		grave U		circumflex U

	registered		P		rho		rho		ring		ring		ring		acute r		S		st

	sacute		sacute		sacute,small		Scaron		Scaron		Scaron,small		Scedilla		Scedilla		Scircumflex		Scircumflex

	Scircumflex,small		Scommaaccent		scommaaccent		Scommaaccent,small		section		seven,dnom		seven,numr		seven,faboldstyle		seven,eighths		seven,superior

	Sigma		sigma		sigma alt		similar		six,dnom		six,numr		six,faboldstyle		six,superior		spade		ssuperior

	sterling		sterling,superior		sterling,superior		subset,subseteq		superset,subseteq		T,small		Th		T,h		Tau		tau

tcaron	Tcaron	Tcaron	Tcaron.small	Tcommaccent	Tcommaccent	Tcommaccent	Theta	theta	theta.alt	Thorn

bthorn	pthorn	thorn.small	three.dnom	three.numr	three.tabloidstyle	three.eighths	threeinferior	threequarters	threesuperior

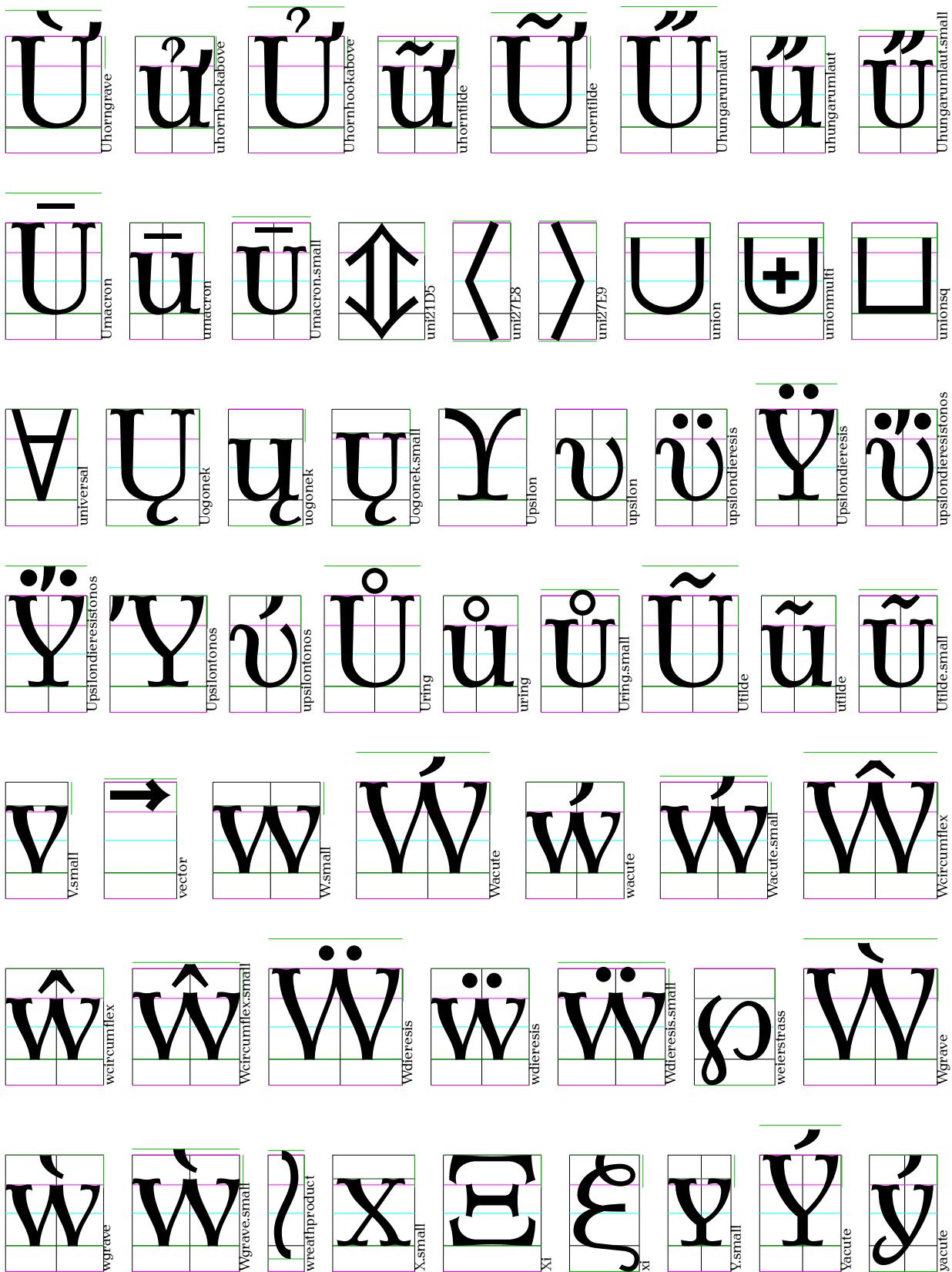
tie	tilde	tilde	tonos	trademark	triangle	triangle	trianglevy	triangleleft	triangleright

tsuperior	turnstileleft	turnstileright	two.dnom	two.numr	two.tabloidstyle	twoinferior	twosuperior	U.small	Uacute

uacute	Uacute.small	Breve	ubreve	ubreve.small	Ucircumflex	Ucircumflex	Ucircumflex.small	Ugrave

udotgrave	Udotgrave	Udieresis	Udieresis	Udieresis.small	udobelow	udobelow	udobelow	Ugrave

uhookabove	Uhookabove	Uhorn	uhorn	uhorn	uhornacute	uhornacute	uhornacute	uhorngrave



Yacute.small	Yacute.small	Ycircumflex	Ycircumflex	Ycircumflex	Ycircumflex.small	Ydieresis	Ydieresis	Ydieresis	Ydieresis	Ydotbelow	Ydotbelow	Ydot

yen inferior	yen superior	Ygrave	ygrave	Ygrave	Ygrave.small	Yhookabove	Yhookabove	yfide	yfide	yfide	Z.small

Zacute	zacute	Zacute	Zacute.small	Zcaron	zcaron	Zcaron.small	Zdotaccent	zdotaccent	Zdotaccent.small	Zerodnom

zero.numr	zero.faboldstyle	zerointerior	zerosuperior	Zeta	zeta	aff10017	aff10018	aff10019	aff10020

aff10021	aff10022	aff10023	aff10024	aff10025	aff10026	aff10027	aff10028

aff10029	aff10030	aff10031	aff10032	aff10033	aff10034	aff10035

aff10036	aff10037	aff10038	aff10039	aff10040	aff10041	aff10042

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N aff10346

No aff61352

TFM Font coding tables,
an example:
Antykwa Toruńska Regular

Characters in the qx-anttr font, with decimal codes:

0: α	1: Δ	2: β	3: δ	4: π	5: Π	6: Σ	7: μ	8: ...
9: fk	10: Ω	11: ff	12: fi	13: fl	14: ffi	15: ffl	16: i	17: j
18: `	19: '	20: ^	21: ~	22: -	23: °	24: „	25: „ß	26: æ
27: œ	28: ø	29: ÅE	30: œ	31: Ø	32: :	33: !	34: "	35: #
36: \$	37: %	38: &	39: ’	40: (	41:)	42: *	43: +	44: ,
45: -	46: .	47: /	48: 0	49: 1	50: 2	51: 3	52: 4	53: 5
54: 6	55: 7	56: 8	57: 9	58: :	59: ;	60: ¡	61: =	62: ¸
63: ?	64: @	65: A	66: B	67: C	68: D	69: E	70: F	71: G
72: H	73: I	74: J	75: K	76: L	77: M	78: N	79: O	80: P
81: Q	82: R	83: S	84: T	85: U	86: V	87: W	88: X	89: Y
90: Z	91: [	92: “	93:]	94: ^	95: ·	96: ‘	97: a	98: b
99: c	100: d	101: e	102: f	103: g	104: h	105: i	106: j	107: k
108: l	109: m	110: n	111: o	112: p	113: q	114: r	115: s	116: t
117: u	118: v	119: w	120: x	121: y	122: z	123: –	124: —	125: ”
126: ~	127: “	128: €	129: Å	130: Ć	131: >	132: ≥	133: ≈	134: £
135: Ł	136: <	137: ≤	138: Ł	139: Ñ	140: ~	141: ^	142: †	143: †
144: ‡	145: Š	146: Š	147: Š	148: °	149: ™	150: „	151: Ü	152: Ý
153: Ž	154: Ž	155: Ž	156: IJ	157: {	158: }	159: §	160: :	161: ¸
162: č	163: ®	164: ©	165: ÷	166: ¢	167: ¡	168: –	169: ×	170: ¸
171: ñ	172: ±	173: ∞	174: «	175: »	176: ¶	177: š	178: š	179: ¸
180: •	181: †	182: –	183: ¤	184: ö	185: ž	186: ž	187: ž	188: ij
189: .	190: ”	191: ’	192: À	193: Á	194: Â	195: Ã	196: Ä	197: Å
198: \	199: Ç	200: È	201: É	202: Ê	203: Ë	204: Ì	205: Í	206: Î
207: İ	208: Đ	209: Ñ	210: Ò	211: Ó	212: Ô	213: Õ	214: Ö	215: ð
216: %o	217: Ù	218: Ú	219: Û	220: Ü	221: Ý	222: þ	223: |	224: à
225: á	226: â	227: ã	228: ä	229: å	230: _	231: ç	232: è	233: é
234: ê	235: ë	236: ï	237: í	238: î	239: ï	240: ð	241: ñ	242: ò
243: ó	244: ô	245: õ	246: ö	247: ð	248: Ø	249: ù	250: ú	251: û
252: ü	253: ý	254: þ	255: „					

Characters in the cork-antrr font, with decimal codes:

0: `	1: '	2: ^	3: ~	4: ..	5: "	6: °	7: `	8: ^
9: -	10: .	11: ,	12: _	13: ,	14: <	15: >	16: "	17: "
18: „	19: «	20: »	21: –	22: —	23:	24:	25: ı	26: j
27: ff	28: fi	29: fl	30: ffi	31: ffl	32:	33: !	34: "	35: #
36: \$	37: %	38: &	39: '	40: (	41:)	42: *	43: +	44: ,
45: -	46: .	47: /	48: 0	49: 1	50: 2	51: 3	52: 4	53: 5
54: 6	55: 7	56: 8	57: 9	58: :	59: ;	60: <	61: =	62: >
63: ?	64: @	65: A	66: B	67: C	68: D	69: E	70: F	71: G
72: H	73: I	74: J	75: K	76: L	77: M	78: N	79: O	80: P
81: Q	82: R	83: S	84: T	85: U	86: V	87: W	88: X	89: Y
90: Z	91: [	92: \	93:]	94: ^	95: _	96: ‘	97: a	98: b
99: c	100: d	101: e	102: f	103: g	104: h	105: i	106: j	107: k
108: l	109: m	110: n	111: o	112: p	113: q	114: r	115: s	116: t
117: u	118: v	119: w	120: x	121: y	122: z	123: {	124: |	125: }
126: ~	127:	128: Ā	129: Ą	130: Ć	131: Ĉ	132: ď	133: Ě	134: Ĕ
135: Ģ	136: Ľ	137: Ľ	138: Ľ	139: Ñ	140: Ņ	141: Ù	142: Ŏ	143: Ř
144: Ě	145: Š	146: Š	147: Š	148: Ŧ	149: Ŧ	150: Ÿ	151: Ÿ	152: Ÿ
153: Ž	154: Ž	155: Ž	156: İJ	157: İ	158: đ	159: §	160: ä	161: å
162: č	163: č	164: đ	165: ě	166: ē	167: ğ	168: í	169: ī	170: ķ
171: ñ	172: ñ	173: ñ	174: ö	175: ř	176: ř	177: š	178: š	179: š
180: ſ	181: ſ	182: ū	183: ū	184: ÿ	185: ź	186: ž	187: ž	188: ij
189: ī	190: ī	191: ī	192: Ą	193: Ą	194: Ą	195: Ą	196: Ą	197: Ą
198: ĂE	199: Ă	200: Ă	201: Ă	202: Ă	203: Ă	204: Ă	205: Ă	206: Ă
207: Ĩ	208: ă	209: ă	210: ā	211: ā	212: ā	213: ā	214: ā	215: ā
216: Ķ	217: ĸ	218: Ú	219: Ú	220: Ü	221: Ý	222: þ	223: à	224: à
225: á	226: â	227: ã	228: ä	229: å	230: æ	231: ç	232: è	233: é
234: ê	235: ë	236: ï	237: í	238: î	239: ï	240: ð	241: ñ	242: ð
243: ó	244: ô	245: õ	246: ö	247: œ	248: ø	249: ù	250: ú	251: û
252: ü	253: ý	254: þ	255: ß					

Characters in the texnansi-antrr font, with decimal codes:

0:	1: €	2:	3:	4: /	5: ‘	6: ”	7: ‘	8: fl
9:	10: ‘	11: ff	12: fi	13: ‘	14: ffi	15: ffl	16: i	17: j
18: `	19: ’	20: ^	21: ^	22: -	23: °	24: „	25: ß	26: æ
27: œ	28: ø	29: ÅE	30: œ	31: Ø	32: !	33: “	34: ”	35: #
36: \$	37: %	38: &	39: ‘	40: (	41:)	42: *	43: +	44: ,
45: -	46: .	47: /	48: 0	49: 1	50: 2	51: 3	52: 4	53: 5
54: 6	55: 7	56: 8	57: 9	58: :	59: ;	60: <	61: =	62: >
63: ?	64: @	65: A	66: B	67: C	68: D	69: E	70: F	71: G
72: H	73: I	74: J	75: K	76: L	77: M	78: N	79: O	80: P
81: Q	82: R	83: S	84: T	85: U	86: V	87: W	88: X	89: Y
90: Z	91: [	92: \	93:]	94: ^	95: _	96: ‘	97: a	98: b
99: c	100: d	101: e	102: f	103: g	104: h	105: i	106: j	107: k
108: l	109: m	110: n	111: o	112: p	113: q	114: r	115: s	116: t
117: u	118: v	119: w	120: x	121: y	122: z	123: {	124: |	125: }
126: ~	127: “	128: Ł	129: ‘	130: ,	131: f	132: „	133: ...	134: †
135: ‡	136: ‰	137: ‰o	138: Š	139: <	140: :	141: Ž	142: ^	143: –
144: Ł	145: „	146: “	147: ”	148: “	149: •	150: –	151: —	152: —
153: ™	154: š	155: ›	156: „	157: ž	158: ~	159: Ÿ	160: —	161: i
162: ¢	163: £	164: ☐	165: ¥	166: †	167: §	168: :	169: ©	170: ª
171: «	172: ¬	173: „	174: ®	175: „	176: °	177: ±	178: ²	179: ³
180:	181: µ	182: ¶	183: ·	184: :	185: ¹	186: º	187: »	188: ¼
189: ½	190: ¾	191: ¢	192: À	193: Á	194: Â	195: Ã	196: Ä	197: Å
198:	199: Ç	200: È	201: É	202: Ê	203: Ë	204: Ì	205: Í	206: Î
207: Ï	208: Đ	209: Ñ	210: Ò	211: Ó	212: Õ	213: Õ	214: Ö	215: ×
216:	217: Ù	218: Ú	219: Û	220: Ü	221: Ý	222: þ	223: :	224: à
225: á	226: â	227: ã	228: ä	229: å	230: :	231: ç	232: è	233: é
234: ê	235: ë	236: ï	237: í	238: î	239: ï	240: ð	241: ñ	242: ò
243: ó	244: ô	245: õ	246: ö	247: ÷	248: :	249: ù	250: ú	251: û
252: ü	253: ý	254: þ	255: ÿ					

Characters in the greek-anttr font, with decimal codes:

0:	1:	2:	3:	4:	5:	6:	7:	8:
9:	10: €	11: ω	12: ρ	13: ϑ	14: φ	15:	16:	17:
18:	19:	20:	21:	22:	23:	24:	25:	26:
27:	28:	29:	30:	31:	32:	33: !	34: "	35: #
36: \$	37: %	38: &	39: '	40: (	41:)	42: *	43: +	44: ,
45: -	46: .	47: /	48: 0	49: 1	50: 2	51: 3	52: 4	53: 5
54: 6	55: 7	56: 8	57: 9	58: :	59: ;	60: <	61: =	62: >
63: ?	64: @	65: A	66: B	67: C	68: D	69: E	70: F	71: G
72: H	73: I	74: J	75: K	76: L	77: M	78: N	79: O	80: P
81: Q	82: R	83: S	84: T	85: U	86: V	87: W	88: X	89: Y
90: Z	91: [	92: \	93:]	94: ^	95: _	96: `	97: a	98: b
99: c	100: d	101: e	102: f	103: g	104: h	105: i	106: j	107: k
108: l	109: m	110: n	111: o	112: p	113: q	114: r	115: s	116: t
117: u	118: v	119: w	120: x	121: y	122: z	123: {	124: |	125: }
126: ~	127:	128: €	129:	130: ,	131: f	132: „	133: ...	134: †
135: ‡	136:	137: %o	138:	139: <	140:	141:	142:	143:
144:	145: ‘	146: ’	147: “	148: ”	149: •	150: –	151: —	152:
153: ™	154:	155: ›	156:	157:	158:	159:	160:	161: “
162: ª	163: £	164: ₧	165: ¥	166: †	167: §	168: „	169: ©	170: ª
171: «	172: ¬	173: –	174: ®	175:	176: °	177: ±	178: ²	179: ³
180: ’	181:	182: ¶	183: ·	184: 'E	185: 'H	186: 'I	187: »	188: 'O
189: ½	190: 'Y	191: 'Ω	192: 'F	193: A	194: B	195: Γ	196: Δ	197: E
198: Z	199: H	200: Θ	201: I	202: K	203: Λ	204: M	205: N	206: Ξ
207: O	208: Π	209: P	210:	211: Σ	212: T	213: Υ	214: Φ	215: X
216: Ψ	217: Ω	218: ī	219: Ÿ	220: α	221: é	222: ñ	223: í	224: õ
225: α	226: β	227: γ	228: δ	229: ε	230: ζ	231: η	232: θ	233: υ
234: κ	235: λ	236: μ	237: ν	238: ξ	239: ο	240: π	241: ρ	242: ς
243: σ	244: τ	245: υ	246: φ	247: χ	248: ψ	249: ω	250: ī	251: ũ
252: ó	253: ú	254: á	255:					

Characters in the wncyr-anttr font, with decimal codes:

0: Й	1: Ј	2: Џ	3: Ѓ	4: Ѓ	5: Є	6: Ђ	7: Ѓ	8: Њ
9: љ	10: џ	11: ѕ	12: ђ	13: є	14: ѡ	15: ѡ	16: јо	17: Ѵ
18: Ј	19: Џ	20: Џ	21: Ѓ	22: Ѓ	23: Ѓ	24: ю	25: ѕ	26: Ѡ
27: ѕ	28: ѧ	29: ѧ	30: ђ	31: Ѣ	32: Ѣ	33: !	34: "	35: Ѣ
36: Ѧ	37: %	38: '	39: '	40: (	41:)	42: *	43: Ѣ	44: ,
45: -	46: .	47: /	48: 0	49: 1	50: 2	51: 3	52: 4	53: 5
54: 6	55: 7	56: 8	57: 9	58: :	59: ;	60: «	61: ı	62: »
63: ?	64: Ѧ	65: А	66: Б	67: Џ	68: Ѓ	69: Е	70: Ф	71: Г
72: Х	73: И	74: Ј	75: К	76: Л	77: М	78: Н	79: О	80: П
81: Ч	82: Р	83: С	84: Т	85: У	86: В	87: Щ	88: ІІІ	89: Ы
90: З	91: [	92: "	93:]	94: Ъ	95: Ь	96: ‘	97: а	98: б
99: ц	100: д	101: е	102: ф	103: г	104: х	105: и	106: ј	107: к
108: л	109: м	110: н	111: о	112: п	113: ч	114: р	115: с	116: т
117: у	118: в	119: Ѣ	120: Ѣ	121: Ѣ	122: з	123: –	124: —	125: №
126: Ѣ	127: Ѣ	128:	129:	130:	131:	132:	133:	134:
135:	136:	137:	138:	139:	140:	141:	142:	143:
144:	145:	146:	147:	148:	149:	150:	151:	152:
153:	154:	155:	156:	157:	158:	159:	160:	161:
162:	163:	164:	165:	166:	167:	168:	169:	170:
171:	172:	173:	174:	175:	176:	177:	178:	179:
180:	181:	182:	183:	184:	185:	186:	187:	188:
189:	190:	191:	192:	193:	194:	195:	196:	197:
198:	199:	200:	201:	202:	203:	204:	205:	206:
207:	208:	209:	210:	211:	212:	213:	214:	215:
216:	217:	218:	219:	220:	221:	222:	223:	224:
225:	226:	227:	228:	229:	230:	231:	232:	233:
234:	235:	236:	237:	238:	239:	240:	241:	242:
243:	244:	245:	246:	247:	248:	249:	250:	251:
252:	253:	254:	255:					

Characters in the t2a-anttr font, with decimal codes:

0: `	1: '	2: ^	3: ~	4: "	5: "	6: °	7: ^	8: ^
9: -	10: .	11: ,	12: ,	13: —	14: —	15: —	16: "	17: "
18: ^	19: "	20: ^	21: –	22: —	23: —	24: —	25: i	26: #
27: ff	28: fi	29: fl	30: ffi	31: ffl	32: !	33: !	34: "	35: #
36: \$	37: %	38: &	39: '	40: (	41:)	42: *	43: +	44: ,
45: -	46: .	47: /	48: 0	49: 1	50: 2	51: 3	52: 4	53: 5
54: 6	55: 7	56: 8	57: 9	58: :	59: ;	60: <	61: =	62: >
63: ?	64: @	65: A	66: B	67: C	68: D	69: E	70: F	71: G
72: H	73: I	74: J	75: K	76: L	77: M	78: N	79: O	80: P
81: Q	82: R	83: S	84: T	85: U	86: V	87: W	88: X	89: Y
90: Z	91: [	92: \	93:]	94: ^	95: _	96: '	97: a	98: b
99: c	100: d	101: e	102: f	103: g	104: h	105: i	106: j	107: k
108: l	109: m	110: n	111: o	112: p	113: q	114: r	115: s	116: t
117: u	118: v	119: w	120: x	121: y	122: z	123: {	124: |	125: }
126: ~	127:	128: Г	129:	130: Ѓ	131: Ѓ	132:	133:	134:
135: Јь	136: Ћ	137:	138:	139:	140:	141:	142:	143: С
144:	145:	146: ѕ	147:	148:	149:	150: Ѣ	151:	152:
153: €	154:	155: Џ	156: є	157: №	158: ☐	159: §	160: г	161:
162: ѡ	163: ѡ	164:	165:	166:	167: љ	168: Ѯ	169:	170:
171:	172:	173:	174:	175: Ѡ	176:	177:	178: ѕ	179:
180:	181:	182: ћ	183:	184:	185: є	186: ё	187: ъ	188: ё
189: „	190: «	191: »	192: А	193: Б	194: В	195: Г	196: Д	197: Е
198: Ж	199: З	200: И	201: Й	202: К	203: Л	204: М	205: Н	206: О
207: П	208: Р	209: С	210: Т	211: У	212: Ф	213: Х	214: Ц	215: Ч
216: Ш	217: Щ	218: Ђ	219: Ѓ	220: њ	221: ј	222: јо	223: ј	224: а
225: б	226: в	227: г	228: д	229: е	230: ж	231: з	232: и	233: њ
234: к	235: л	236: м	237: н	238: о	239: п	240: р	241: с	242: т
243: ў	244: ф	245: х	246: ц	247: ч	248: ѿ	249: ѿ	250: ѿ	251: ѿ
252: ѿ	253: ѧ	254: ѿ	255: ѿ					

Characters in the t2b-antr font, with decimal codes:

0: `	1: '	2: ^	3: ~	4: " "	5: " "	6: °	7: `	8: ^
9: -	10: .	11: ,	12: ,	13: —	14: —	15: <	16: "	17: "
18: ^	19: ``	20: ``	21: –	22: —	23: —	24: !	25: i	26: #
27: ff	28: fi	29: fl	30: ffi	31: ffl	32: !	33: !	34: "	35: #
36: \$	37: %	38: &	39: '	40: (	41:)	42: *	43: +	44: ,
45: -	46: .	47: /	48: 0	49: 1	50: 2	51: 3	52: 4	53: 5
54: 6	55: 7	56: 8	57: 9	58: :	59: ;	60: <	61: =	62: >
63: ?	64: @	65: A	66: B	67: C	68: D	69: E	70: F	71: G
72: H	73: I	74: J	75: K	76: L	77: M	78: N	79: O	80: P
81: Q	82: R	83: S	84: T	85: U	86: V	87: W	88: X	89: Y
90: Z	91: [	92: \	93:]	94: ^	95: _	96: ‘	97: a	98: b
99: c	100: d	101: e	102: f	103: g	104: h	105: i	106: j	107: k
108: l	109: m	110: n	111: o	112: p	113: q	114: r	115: s	116: t
117: u	118: v	119: w	120: x	121: y	122: z	123: {	124: |	125: }
126: ~	127:	128:	129:	130:	131:	132:	133:	134:
135:	136: Ё	137:	138:	139:	140:	141:	142:	143:
144:	145:	146: Ѻ	147:	148:	149:	150:	151:	152:
153: Џ	154:	155:	156: є	157: №	158: ☐	159: §	160:	161:
162:	163:	164:	165:	166:	167:	168: Ѽ	169:	170:
171:	172:	173:	174:	175:	176:	177:	178: ѹ	179:
180:	181:	182:	183:	184:	185: ъ	186: ё	187:	188: ѕ
189: „	190: «	191: »	192: А	193: Б	194: В	195: Г	196: Д	197: Е
198: Ж	199: З	200: И	201: Й	202: К	203: Л	204: М	205: Н	206: О
207: П	208: Р	209: С	210: Т	211: У	212: Ф	213: Х	214: Ц	215: Ч
216: III	217: III	218: ъ	219: Ѻ	220: ъ	221: Ѣ	222: Ѡ	223: я	224: а
225: б	226: в	227: г	228: д	229: е	230: ж	231: з	232: и	233: ѿ
234: к	235: л	236: м	237: н	238: о	239: п	240: р	241: с	242: т
243: у	244: ф	245: х	246: ц	247: ч	248: ѣ	249: ѩ	250: Ѥ	251: ѿ
252: Ѻ	253: ѿ	254: ѿ	255: ѿ					

Characters in the t2c-anttr font, with decimal codes:

0: `	1: '	2: ^	3: ~	4: " "	5: " "	6: °	7: `	8: ^
9: -	10: .	11: ,	12: ,	13: —	14: —	15: —	16: “	17: ”
18: ^	19: “	20: ”	21: –	22: —	23: —	24: —	25: ı	26: #
27: ff	28: fi	29: fl	30: ffi	31: ffl	32: !	33: !	34: ”	35: #
36: \$	37: %	38: &	39: ’	40: (	41:)	42: *	43: +	44: ,
45: -	46: .	47: /	48: 0	49: 1	50: 2	51: 3	52: 4	53: 5
54: 6	55: 7	56: 8	57: 9	58: :	59: ;	60: <	61: =	62: >
63: ?	64: @	65: A	66: B	67: C	68: D	69: E	70: F	71: G
72: H	73: I	74: J	75: K	76: L	77: M	78: N	79: O	80: P
81: Q	82: R	83: S	84: T	85: U	86: V	87: W	88: X	89: Y
90: Z	91: [	92: \	93:]	94: ^	95: _	96: ‘	97: a	98: b
99: c	100: d	101: e	102: f	103: g	104: h	105: i	106: j	107: k
108: l	109: m	110: n	111: o	112: p	113: q	114: r	115: s	116: t
117: u	118: v	119: w	120: x	121: y	122: z	123: {	124: |	125: }
126: ~	127: —	128: —	129: —	130: —	131: —	132: —	133: —	134: —
135: —	136: —	137: —	138: —	139: —	140: —	141: —	142: —	143: —
144: —	145: —	146: —	147: —	148: —	149: —	150: І	151: —	152: —
153: —	154: —	155: —	156: Ń	157: №	158: ☐	159: §	160: —	161: —
162: —	163: —	164: —	165: —	166: —	167: —	168: —	169: —	170: —
171: —	172: —	173: —	174: —	175: —	176: —	177: —	178: —	179: —
180: —	181: —	182: џ	183: —	184: —	185: —	186: ё	187: —	188: ё
189: „	190: «	191: »	192: А	193: Б	194: В	195: Г	196: Д	197: Е
198: Ж	199: З	200: И	201: Й	202: К	203: Л	204: М	205: Н	206: О
207: П	208: Р	209: С	210: Т	211: У	212: Ф	213: Х	214: Ц	215: Ч
216: Ш	217: Щ	218: Ъ	219: Ы	220: Ъ	221: Э	222: Ю	223: Я	224: а
225: б	226: в	227: г	228: д	229: е	230: ж	231: з	232: и	233: ў
234: к	235: л	236: м	237: н	238: о	239: п	240: р	241: с	242: т
243: у	244: ф	245: х	246: ц	247: ч	248: ѿ	249: ѿ	250: ѿ	251: ѿ
252: ѿ	253: ѿ	254: ѿ	255: ѿ					

Characters in the cs-antr font, with decimal codes:

0: Γ	1: Δ	2: Θ	3: Λ	4: Ε	5: Π	6: Σ	7: Υ	8: Φ
9: Ψ	10: Ω	11: ff	12: fi	13: fl	14: ffi	15: ffl	16: i	17: j
18: `	19: '	20: ^	21: ~	22: -	23: °	24: „	25: „ß	26: æ
27: œ	28: ø	29: ÅE	30: œ	31: Ø	32: :	33: !	34: "	35: #
36: \$	37: %	38: &	39: ‘	40: (	41:)	42: *	43: +	44: ,
45: -	46: .	47: /	48: 0	49: 1	50: 2	51: 3	52: 4	53: 5
54: 6	55: 7	56: 8	57: 9	58: :	59: ;	60: ¡	61: =	62: ¢
63: ?	64: @	65: A	66: B	67: C	68: D	69: E	70: F	71: G
72: H	73: I	74: J	75: K	76: L	77: M	78: N	79: O	80: P
81: Q	82: R	83: S	84: T	85: U	86: V	87: W	88: X	89: Y
90: Z	91: [	92: \	93:]	94: ^	95: ·	96: ¸	97: a	98: b
99: c	100: d	101: e	102: f	103: g	104: h	105: i	106: j	107: k
108: l	109: m	110: n	111: o	112: p	113: q	114: r	115: s	116: t
117: u	118: v	119: w	120: x	121: y	122: z	123: –	124: —	125: “
126: ~	127: “	128: ...	129: †	130: ‡	131: •	132: £	133: ¶	134: €
135:	136: ™	137: ©	138: ®	139:	140:	141: %o	142: <	143: >
144: π	145: ct	146: st	147:	148:	149: f	150:	151: f	152: À
153:	154: ,	155: ‘	156:	157: „	158: «	159: »	160:	161: À
162:	163: Ł	164: ø	165: Ł	166: Š	167: §	168:	169: Š	170: Š
171: Ģ	172: Ž	173:	174: Ž	175: Ž	176: °	177: q	178:	179: ł
180:	181: Į	182: š	183:	184: à	185: š	186: š	187: ţ	188: ž
189: ţ	190: ž	191: ž	192: Ó	193: Á	194: Â	195: Ä	196: Ä	197: Í
198: Č	199: Ç	200: Č	201: É	202: Ê	203: Ë	204: Ě	205: Í	206: Î
207: Ď	208: Đ	209: Ñ	210: Ñ	211: Ó	212: Ô	213: Œ	214: Ö	215: ×
216: Ě	217: Ú	218: Ú	219: Ú	220: Ü	221: Ý	222: Þ	223:	224: ř
225: á	226: â	227: å	228: ä	229: í	230: é	231: ç	232: č	233: é
234: è	235: ê	236: é	237: í	238: î	239: ð	240: ð	241: ñ	242: ñ
243: ó	244: ô	245: ö	246: ö	247: ÷	248: ů	249: ū	250: ú	251: ū
252: ü	253: ý	254: „	255: “					

Characters in the t5-antr font, with decimal codes:

0: `	1: '	2: ^	3: ~	4: "	5: .	6: °	7: ^	8: ~
9: -	10: ·	11: „	12: „	13: ,	14: <	15: ›	16: “	17: ”
18: „	19: «	20: »	21: –	22: —	23:	24: ₀	25: ₁	26: ܵ
27: ܴ	28: ܵ	29: ܶ	30: ܷ	31: ܸ	32:	33: !	34: "	35: #
36: \$	37: %	38: &	39: '	40: (	41:)	42: *	43: +	44: ,
45: -	46: .	47: /	48: 0	49: 1	50: 2	51: 3	52: 4	53: 5
54: 6	55: 7	56: 8	57: 9	58: :	59: ;	60: <	61: =	62: >
63: ?	64: @	65: A	66: B	67: C	68: D	69: E	70: F	71: G
72: H	73: I	74: J	75: K	76: L	77: M	78: N	79: O	80: P
81: Q	82: R	83: S	84: T	85: U	86: V	87: W	88: X	89: Y
90: Z	91: [	92: \	93:]	94: ^	95: _	96: '	97: a	98: b
99: c	100: d	101: e	102: f	103: g	104: h	105: i	106: j	107: k
108: l	109: m	110: n	111: o	112: p	113: q	114: r	115: s	116: t
117: u	118: v	119: w	120: x	121: y	122: z	123: {	124: |	125: }
126: ~	127:	128: ܶ	129: ܷ	130: ܸ	131: ܹ	132: ܹ	133: ܶ	134: ܶ
135: ܶ	136: ܶ	137: ܶ	138: ܶ	139: ܶ	140: ܶ	141: ܶ	142: ܶ	143: ܶ
144: ܶ	145: ܶ	146: ܶ	147: ܶ	148: ܶ	149: ܶ	150: ܶ	151: ܶ	152: ܶ
153: ܶ	154: ܶ	155: ܶ	156: ܶ	157: ܶ	158: ܶ	159: ܶ	160: à	161: á
162: ܶ	163: ܶ	164: ܶ	165: ܶ	166: ܶ	167: ܶ	168: ܶ	169: ܶ	170: ܶ
171: ܶ	172: ܶ	173: ܶ	174: ܶ	175: ܶ	176: ܶ	177: ܶ	178: ܶ	179: ܶ
180: ܶ	181: ܶ	182: ܶ	183: ܶ	184: ܶ	185: ܶ	186: ܶ	187: ܶ	188: ܶ
189: ܶ	190: ܶ	191: ܶ	192: ܶ	193: ܶ	194: ܶ	195: ܶ	196: ܶ	197: ܶ
198: ܶ	199: ܶ	200: ܶ	201: ܶ	202: ܶ	203: ܶ	204: ܶ	205: ܶ	206: ܶ
207: ܶ	208: ܶ	209: ܶ	210: ܶ	211: ܶ	212: ܶ	213: ܶ	214: ܶ	215: ܶ
216: ܶ	217: ܶ	218: ܶ	219: ܶ	220: ܶ	221: ܶ	222: ܶ	223: ܶ	224: ܶ
225: ܶ	226: ܶ	227: ܶ	228: ܶ	229: ܶ	230: ܶ	231: ܶ	232: ܶ	233: ܶ
234: ܶ	235: ܶ	236: ܶ	237: ܶ	238: ܶ	239: ܶ	240: ܶ	241: ܶ	242: ܶ
243: ܶ	244: ܶ	245: ܶ	246: ܶ	247: ܶ	248: ܶ	249: ܶ	250: ܶ	251: ܶ
252: ܶ	253: ܶ	254: ܶ	255: ܶ					

Characters in the exp-anttr font, with decimal codes:

0:	1: −	2: +	3: =	4: ÷	5: ×	6: ±	7: ₣	8: <
9: >	10: ⪻	11: ⪻	12: ⪻	13: <	14: >	15: ⪻	16: ⪻	17: ⪻
18: ⪻	19: ⪻	20: ⪻	21: ⪻	22: ⪻	23: ⪻	24: ⪻	25: ⪻	26: ⪻
27: ⪻	28: ⪻	29: ⪻	30: ⪻	31: ⪻	32: ⪻	33: ⪻	34: ⪻	35: Th
36: ⪻	37: ⪻	38: ⪻	39: ⪻	40: ⪻	41: ⪻	42: ⪻	43: ⪻	44: ⪻
45: ⪻	46: ⪻	47: ⪻	48: ⪻	49: ⪻	50: ⪻	51: ⪻	52: ⪻	53: ⪻
54: ⪻	55: ⪻	56: ⪻	57: ⪻	58: ⪻	59: ⪻	60: ⪻	61: ⪻	62: ⪻
63: ⪻	64: ⪻	65: A	66: B	67: C	68: D	69: E	70: F	71: G
72: H	73: I	74: J	75: K	76: L	77: M	78: N	79: O	80: P
81: Q	82: R	83: S	84: T	85: U	86: V	87: W	88: X	89: Y
90: Z	91: ⪻	92: ⪻	93: ⪻	94: ⪻	95: ⪻	96: ⪻	97: ⪻	98: ⪻
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252: ⪻	253: ⪻	254: ⪻	255: ⪻					