

FONTFONT OPENTYPE®



FONTFONT INFO GUIDE

FF Meta OT Book

FF Meta Pro Book



SECTIONS

- A | Introduction to OpenType®
- B | Font and Designer Information
- C | Supported Layout Features
- D | Language Support
- E | Type Specimens



SECTION A
INTRODUCTION
TO OPENTYPE®

**WHAT IS
OPENTYPE?**

OpenType® is a cross-platform font file format developed jointly by Adobe and Microsoft. The two main benefits of the OpenType format are its cross-platform compatibility (the same font file works on Macintosh and Windows computers), and its ability to support widely expanded character sets and layout features, which provide rich linguistic support and advanced typographic control.

OpenType fonts can be installed and used alongside PostScript® Type 1 and TrueType fonts.

The range of supported layout features may differ in the various FontFont OpenType packages, therefore each OpenType package will be accompanied by this FF Info Guide listing the layout features supported by this specific font package.

You'll find a glossary of all available OpenType layout features in Section B of the general FF OpenType User Guide.

Please see the FontFont OpenType® User Guide
at <http://www.fontfont.com/opentype>

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Handgloves

ABOUT FF META OT BOOK

FF Meta was originally (1985) conceived as a typeface for use in small point sizes. Against its intended purpose, FF Meta very quickly became one of the most popular typefaces of the computer era, and has been referred to as the Helvetica of the 90s – not necessarily a compliment. It is used a lot in magazines, from the Normal weight in small point sizes for captions up to the Black version for large headlines.

ABOUT ERIK SPIEKERMANN

Erik Spiekermann, born 1947, studied History of Art and English in Berlin. He is information architect, type designer (FF Meta, FF MetaSerif, ITC Officina, FF Govan, FF Info, FF Unit, LoType, Berliner Grotesk and many corporate typefaces) and author of books and articles on type and typography. He was founder (1979) of MetaDesign, Germany's largest design firm with offices in Berlin, London and San Francisco. Projects included corporate design programmes for Audi, Skoda, Volkswagen, Lexus, Heidelberg Printing and wayfinding projects like Berlin Transit, Düsseldorf Airport and many others. In 1988 he started FontShop, a company for production and distribution of electronic fonts. Erik is board member of ATypI and the German Design Council and Past President of the ISTD, International Society of Typographic Designers, as well as the IIID. In 2001 he left MetaDesign and is now a partner in Edenspiekermann with offices in Amsterdam, Berlin, London and San Francisco. He redesigned The Economist magazine in London for its relaunch in 2001. His book for Adobe Press, "Stop Stealing Sheep" is in its second edition as well as published in German and in Russian. His corporate font family for Nokia was released in 2002. In 2003 he received the Gerrit Noordzij Award from the Royal Academy in Den Haag. His type system DB Type for Deutsche Bahn was awarded the Federal German Design Prize in gold for 2006. In May 2007 he was the first designer to be elected into the Hall of Fame by the European Design Awards for Communication Design. Erik is Honorary Professor at the University of the Arts in Bremen and in 2006 received an honorary doctorship from Pasadena Art Center. He was made an Honorary Royal Designer for Industry by the RSA in Britain in 2007 and Ambassador for the European



Year of Creativity and Innovation by the European Union for 2009.



SECTION C
SUPPORTED
LAYOUT FEATURES

FONTFONT OPENTYPE®

EXAMPLES



STANDARD LIGATURES

fifbfft ▶ fibfft



DISCRETIONARY LIGATURES

Thsptt ▶ Thſptt



HISTORICAL FORMS

hist ▶ hift



SMALL CAPITALS

small ▶ SMALL



SMALL CAPITALS FROM
CAPITALS

CAPS ▶ CAPS



CASE-SENSITIVE FORMS

0-[] ▶ 0-[]



CAPITAL SPACING

HOH ▶ HOH



LINING FIGURES

167 ▶ 167
167 ▶ 167

EXAMPLES



PROPORTIONAL FIGURES $167 \blacktriangleright 167$
 $167 \blacktriangleright 167$



TABULAR FIGURES $167 \blacktriangleright 167$
 $167 \blacktriangleright 167$



FRACTIONS $1/2 \blacktriangleright 1/2$



NUMERATORS $123/ \blacktriangleright 123/$



DENOMINATORS $/123 \blacktriangleright /123$



ORDINALS $1a20 \blacktriangleright 1^a2^0$



SCIENTIFIC INFERIORS $CO2 \blacktriangleright CO_2$



SUPERSCRIPT $m3 \blacktriangleright m^3$

EXAMPLES



SUBSCRIPT

N2 ▶ N₂



MATHEMATICAL GREEK

ΣΠ ▶ ΣΠ



ACCESS ALL ALTERNATES

1 ▶ 111₁1¹



STYLISTIC ALTERNATES

g↔↑ ▶ g↔↑



STYLISTIC SET 1

g↔↑ ▶ g↔↑



STYLISTIC SET 2

hist ▶ hift



STYLISTIC SET 3

Υβθφ ▶ ΥΒΘΦ



ORNAMENTS

● ▶ ◂ ◃ ◅ ◆ ◇



EXAMPLES



LOCALIZED FORMS

ŞşTt ▶ ŞşTt

SECTION D
LANGUAGE
SUPPORT

**SUPPORTED
CODE PAGES
OPENTYPE STANDARD**



MACOS

MACOS ICELANDIC

MACOS ROMAN

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-282

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

WINDOWS

MS WINDOWS 1252 LATIN 1

ISO

ISO 8859- 1 W EU LATIN 1

ISO 8859-15 WEST EUROPE LATIN 9

**ADDITIONAL
SUPPORTED
CODE PAGES
OPENTYPE PRO**



MACOS

MACOS CENTRAL EUROPE

MACOS CROATIAN

MACOS CYRILLIC

MACOS GREEK

MACOS ROMANIAN

MACOS TURKISH

MACOS UKRAINIAN

IBM

IBM-875 GREECE - EBCDIC

IBM-921 BALTIC

IBM-1025 CYRILLIC - EBCDIC

IBM-1112 BALTIC - EBCDIC

IBM-1123

IBM-1124

WINDOWS

MS WINDOWS 1250 EASTERN EUROPEAN

MS WINDOWS 1251 CYRILLIC

MS WINDOWS 1253 GREEK

MS WINDOWS 1254 TURKISH

MS WINDOWS 1257 BALTIC

ISO

ISO 8859- 2 C EU LATIN 2

ISO 8859- 3 TU, MALT, GAL, ESP LATIN 3

ISO 8859- 4 BALTIC LATIN 6

ISO 8859- 5 CYRILLIC

ISO 8859- 9 W EU+TURKISH LATIN 5

ISO 8859-10 SCANDINAVIAN LATIN 6

ISO 8859-13 BALTIC LATIN 7

ISO 8859-16 SOUTHEAST EUROPE LATIN 10

**SUPPORTED
LANGUAGES
OPENTYPE STANDARD**

STD

AFRIKAANS
ALBANIAN
AMHARIC (ETHIOPIC) [ROMANIZATION
SYSTEM BGN/PCGN 1967]
ARVANITE (LATIN)
ASTURIAN
BARABA TATAR
BATS (LATIN)
BISLAMA
BOKMÅL NORWEGIAN
BRETON
BURMESE (BURMESE) [ROMANIZATION;
BGN/PCGN 1970]
CATALAN
CHAMORRO
CRIMEAN (LATIN)
DANISH
DUTCH
EAST FRISIAN
ENGLISH
ESTONIAN
FAEROESE
FINNISH
FRANCO-PROVENCAL
FRENCH
FRISIAN
FRIULIAN
GALICIAN
GERMAN
GREEK (GREEK) [ROMANIZATION; BGN/
PCGN 1962]
ICELANDIC
INDONESIAN
INTERLINGUA
IRISH
ITALIAN
JAPANESE (SINO-JAPANESE)
[ROMANIZATION; KUNREI]
JUDEO-TATI (LATIN)
KARAIM (LATIN)
KAZAN TATAR (LATIN)
KIRMANJI
KURDISH (LATIN)
KYRGYZ (CYRILLIC) [ROMANIZATION;
BGN/PCGN 1979]
LADIN
LAOTIAN (LAOTIAN) [ROMANIZATION;
NATIONAL]
LOW GERMAN
LUXEMBOURGIAN
MALAGASY
MALAY (LATIN)
MANX GAELIC
NORTH FRISIAN
NORTHERN SOTHO
NYNORSK NORWEGIAN
OCCITAN
PILIPINO (TAGALOG)
PORTUGUESE
PORTUNHOL
RHAETO-ROMANCE
ROMANI (LATIN)
ROMANSCH
RUSSIAN (CYRILLIC) [ROMANIZATION;
BGN/PCGN 1947]
SCOTTISH GAELIC
SERBIAN (LATIN)
SOMALI
SOUTHERN SAMI
SOUTHERN SOTHO
SPANISH
SWEDISH
TAHITIAN
TSAKHUR (LATIN)
TSEZ (LATIN)
TSONGA
TSWANA
TURKMEN (CYRILLIC) [ROMANIZATION;
BGN/PCGN 1979]
UKRAINIAN (CYRILLIC) [ROMANIZATION;
NATIONAL, 1993]
UME SAMI
WALLOON
WEST FRISIAN
XHOSA
YAPESE
YIDDISH (LATIN)

ADDITIONAL
SUPPORTED
LANGUAGES
OPENTYPE PRO

PRO

ZULU

ABAZA	IȘTRO-ROMANIAN
ADYGHE	JAPANESE (SINO-JAPANESE)
ĂLVDALSKA	[ROMANIZATION; MODIFIED HEPBURN]
AMHARIC (ETHIOPIC) [ROMANIZATION; UN 1967]	KABARDIAN
ARAGONESE	KALAALLISUT
ARCHI	KALMYK
ARUMANIAN	KARACHAY-BALKAR
ARVANITE (GREEK)	KARAIM (CYRILLIC)
AVAR	KARA-KALPAK
AZERBAIJANI (CYRILLIC)	KASHUBIAN
AZERBAIJANI (LATIN)	KAZAKH
BALK	KAZAKH (CYRILLIC) [ROMANIZATION; BGN/PCGN 1979]
BASQUE	KAZAN TATAR (CYRILLIC)
BOSNIAN (CYRILLIC)	KHINALUG
BOSNIAN (LATIN)	KHMER (KHMER) [ROMANIZATION; UN 1972]
BOTLIKH	KOREAN (HANGUL) [ROMANIZATION; 1939 & 1984]
BUDUKH	KRYTS
BULGARIAN	KUMYK
BULGARIAN (CYRILLIC) [ROMANIZATION; BGN/PCGN 1952]	KURDISH (CYRILLIC)
BURYAT	LADINO (LATIN)
BYELORUSSIAN (BELARUSIAN CYRILLIC)	LAK
BYELORUSSIAN (BELARUSIAN LATIN)	LATIN
CHECHEN (CYRILLIC)	LATVIAN (LETTISH)
CHECHEN (LATIN)	LEZGI
CHICHEWA	LITHUANIAN
COOK ISLANDS MAORI	LULE SAMI
CROATIAN	MACEDONIAN
CZECH	MACEDONIAN (CYRILLIC)
DARGIN	[ROMANIZATION; UN 1977]
DUNGAN	MALTESE
ERZYA	MAORI
ESPERANTO	MARSHALLESE
GAGAUZ (LATIN)	MOKSHA
GODOBERI	MOLDAVIAN (LATIN)
GREEK MONOTONIC	MONGOLIAN (CYRILLIC)
GREENLANDIC	MONGOLIAN (CYRILLIC)
HAWAIIAN	[ROMANIZATION; BGN/PCGN 1964]
HUNGARIAN	NANAI
INARI SAMI	NOGAY
INGUSH	NORTHERN SAMI
	POLISH
	ROMANIAN
	RUSSIAN

RUSSIAN (CYRILLIC) [ROMANIZATION;
RUSSIAN ACADEMY OF SCIENCES
SYSTEM]
RUSSIAN (CYRILLIC) [ROMANIZATION;
UN 1987, NATIONAL]
RUSYN
RUTUL
SAMOAN
SARDINIAN
SERBIAN (CYRILLIC) [ROMANIZATION;
UN 1977]
SLOVAK
SLOVENIAN
SORBIAN LOWER
SORBIAN UPPER
TABASARAN
TAJIK
TAJIK (CYRILLIC) [ROMANIZATION; BGN/
PCGN 1994]
TALYSH (CYRILLIC)
TATAR
TATI
TONGAN
TSAKHUR (CYRILLIC)
TSAKONIAN MONOTONIC
TURKISH
TURKMEN
TUVINIAN
UBYKH
UDI
UKRAINIAN
UZBEK
UZBEK (CYRILLIC) [ROMANIZATION;
BGN/PCGN 1979]
VÅMHUSMÅL
VEPSIAN
WALLISIAN
WELSH
WOLOF

**SUPPORTED
UNICODE RANGES**

TITLE	NUMBER OF CHARACTERS		EXAMPLES
	OT	PRO	
BASIC LATIN	97	97	A B C ... x y z
LATIN-1 SUPPLEMENT	96	96	À Ë Î ... ð ù ÿ
LATIN EXTENDED-A	13	128	Œ œ Š ... š Ÿ ž
LATIN EXTENDED-B	1	27	Ɖ ƒ Ž z Đ Ž Đž
IPA EXTENSIONS		1	ə
SPACING MODIFIER LETTERS	10	10	‘ ’ ^ ... ˇ ˘ ˙
GREEK AND COPTIC	5	79	Α Β Γ χ ψ ω
CYRILLIC		130	Б Д Ж Ц Ъ Ю
LATIN EXTENDED ADDITIONAL		10	Ẁ ẁ Ẃ ẃ Ẅ ẅ
GENERAL PUNCTUATION	19	20	‘ , “ ... ” † ‡
SUPERSCRIPTS AND SUBSCRIPTS	17	17	⁴ ⁵ ⁶ ... ₇ ₈ ₉
CURRENCY SYMBOLS	2	2	€ ₨
LETTERLIKE SYMBOLS	4	4	№ © ™ Ω
NUMBER FORMS	13	13	1/3 2/3 1/5 ...

TITLE	NUMBER OF CHARACTERS		EXAMPLES
	OT	PRO	
ARROWS	8	8	← → ↑ ↓ ... ↖ ↗
MATHEMATICAL OPERATORS	14	14	∂ Δ Π ... Σ - •
GEOMETRIC SHAPES	5	5	▲ ► ▼ ◀ ◆
ALPHABETIC PRESENTATION FORMS 6		6	ff fi fl ffi ffl st

Shag pile i13

AaBbCcDdEeFfGgHhIiJjKkLlMm

abcdefghijklmnopqrstuvwxyz 0123456789

ABCDEFGHIJKLMNOPQRSTUVWXYZ

FF Meta OT Book 14/16 pt

SEMPRE DOMENICA PRENDERÀ VITA una giornata Gut getarnt im Neptungras steht ein Kuckuckslipp. Serán, a juicio de los científicos, tres épocas Onks tää vika kysymys. Hän on

FF Meta OT Book 12/14 pt

SEMPRE DOMENICA PRENDERÀ VITA una giornata Gut getarnt im Neptungras steht ein Kuckuckslipp. Serán, a juicio de los científicos, tres épocas Onks tää vika kysymys. Hän on työskennellyt Il y aurait bien de choses à dire là-

FF Meta OT Book 10/12 pt

SEMPRE DOMENICA PRENDERÀ VITA una giornata Gut getarnt im Neptungras steht ein Kuckuckslipp. Serán, a juicio de los científicos, tres épocas Onks tää vika

kysymys. Hän on työskennellyt Il y aurait bien de choses à dire là-dessus. Several tenors sing in culturally void display. Eigentlich wollen die Leute nur die Sonne

FF Meta OT Book 8/10 pt

SEMPRE DOMENICA PRENDERÀ VITA una giornata Gut getarnt im Neptungras steht ein Kuckuckslipp. Serán, a juicio de los científicos,

tres épocas Onks tää vika kysymys. Hän on työskennellyt Il y aurait bien de choses à dire là-dessus. Several tenors sing in culturally

void display. Eigentlich wollen die Leute nur die Sonne genießen. Ayer, todavía en pleno echazo, celebraban su aniversario de boda.