

FONTFONT OPENTYPE®



FONTFONT INFO GUIDE FOR

# FF Meta Bold

OT | Pro



## 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.

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

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# Handgloves

## ABOUT FF META BOLD

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. Hairline, Thin and Light were added in 2003. Once a publishing house commissioned a Black Condensed for the headlines of a new magazine. It unfortunately ceased publication after a few issues, but FF Meta Black Condensed survived. This version was the basis for the complete Condensed family, digitized by Ole Schäfer. Since headlines need to be bold before anything else, FF Meta Condensed has one additional weight compared with FF Meta: Extra Bold Condensed, which sits between Bold and Black. FF Meta Condensed contains all weights with Old Style as well as Lining Figures, there are fractions, ligatures, kerned lining figures and also the popular Meta arrows. The normal FF Meta already saves more than 12 % of space compared to a regular sans serif. FF Meta Condensed is another 12 % more condensed without being 24 % less readable.

## 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.

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SECTION C  
SUPPORTED  
LAYOUT FEATURES

FONTFONT OPENTYPE®

EXAMPLES



STANDARD LIGATURES

f**ib**ff**t** ▶ f**ib**ff**t**



DISCRETIONARY  
LIGATURES

Th**s**pt**t** ▶ Th**s**pt**t**



HISTORICAL FORMS

h**ist** ▶ h**ift**



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 ▶ N<sub>2</sub>



MATHEMATICAL GREEK

ΣΠ ▶ ΣΠ



ACCESS ALL ALTERNATES

1 ▶ 111<sub>1</sub>1<sup>1</sup>



STYLISTIC ALTERNATES

g g g ▶ g g g



STYLISTIC SET 1

g g g ▶ g 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  
STANDARD**

**STD**

**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-361 INTERNATIONAL - PUBLISHING  
IBM-382 AUSTRIA, GERMANY - PUBLISHING  
IBM-383 BELGIUM - PUBLISHING  
IBM-385 CANADA (FRENCH) - PUBLISHING

IBM-386 DENMARK, NORWAY - PUBLISHING  
IBM-387 FINLAND, SWEDEN - PUBLISHING  
IBM-388 FRANCE - PUBLISHING  
IBM-389 ITALY - PUBLISHING  
IBM-391 PORTUGAL - PUBLISHING  
IBM-392 SPAIN - PUBLISHING  
IBM-393 LATIN AMERICA - PUBLISHING  
IBM-394 UNITED KINGDOM - PUBLISHING  
IBM-395 UNITED STATES - PUBLISHING  
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  
PRO**

**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  
STANDARD**

**STD**

AFRIKAANS  
ALBANIAN  
AMHARIC (ETHIOPIC) [ROMANIZATION  
SYSTEM BGN/PCGN 1967]  
ARVANITIKA (LATIN)  
ASTURIAN  
BARABA TATAR  
BATS (LATIN)  
BISLAMA  
BOKMÅL NORWEGIAN  
BRETON  
BURMESE (BURMESE) [ROMANIZATION;  
BGN/PCGN 1970]  
CATALAN  
CHAMORRO  
DANISH  
DUTCH  
EAST FRISIAN  
ENGLISH  
ESTONIAN  
FAEROESE  
FINNISH  
FRANCO-PROVENCAL  
FRENCH  
FRISIAN  
FRIULIAN  
GALICIAN  
GERMAN  
GREEK (GREEK) [ROMANIZATION; BGN/  
PCGN 1962]  
GREENLANDIC  
ICELANDIC  
INDONESIAN  
INTERLINGUA  
IRISH  
ITALIAN  
JAPANESE (SINO-JAPANESE)  
[ROMANIZATION; KUNREI]  
KARAIM (LATIN)  
KAZAN TATAR (LATIN)  
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  
RHAETO-ROMANCE  
ROMANSCH  
RUSSIAN (CYRILLIC) [ROMANIZATION;  
BGN/PCGN 1947]  
SCOTTISH GAELIC  
SOMALI  
SOUTHERN SAMI  
SOUTHERN SOTHO  
SPANISH  
SWEDISH  
TAHITIAN  
TSAKHUR (LATIN)  
TSONGA  
TSWANA  
TURKMEN (CYRILLIC) [ROMANIZATION;  
BGN/PCGN 1979]  
UKRAINIAN (CYRILLIC) [ROMANIZATION;  
NATIONAL, 1993]  
UME SAMI  
WALLOON  
WEST FRISIAN  
XHOSA  
YAPESE  
YIDDISH [ROMANIZATION]  
ZULU

**ADDITIONAL  
SUPPORTED  
LANGUAGES**

**PRO**

ABAZA	HUNGARIAN
ADYGHE	INARI SAMI
ÄLVDALSKA	INGUSH
AMHARIC (ETHIOPIC) [ROMANIZATION; UN 1967]	ISTRO-ROMANIAN
ARAGONESE	JAPANESE (SINO-JAPANESE) [ROMANIZATION; MODIFIED HEPBURN]
ARCHI	KABARDIAN
ARUMANIAN	KALMYK
ARVANITIKA (GREEK)	KARACHAY-BALKAR
AVAR	KARAIM (CYRILLIC)
AZERBAIJANI (CYRILLIC)	KARA-KALPAK
AZERBAIJANI (LATIN)	KASHUBIAN
BALK	KAZAKH
BASQUE	KAZAKH (CYRILLIC) [ROMANIZATION; BGN/PCGN 1979]
BOSNIAN (CYRILLIC)	KAZAN TATAR (CYRILLIC)
BOSNIAN (LATIN)	KHINALUG
BOTLIKH	KHMER (KHMER) [ROMANIZATION; UN 1972]
BUDUKH	KOREAN (HANGUL) [ROMANIZATION; 1939 & 1984]
BULGARIAN	KRYTS
BULGARIAN (CYRILLIC) [ROMANIZATION; BGN/PCGN 1952]	KUMYK
BURYAT	KURDISH (CYRILLIC)
BYELORUSSIAN (BELARUSIAN CYRILLIC)	KURMANJI
BYELORUSSIAN (BELARUSIAN LATIN)	LADINO (LATIN)
CHECHEN (CYRILLIC)	LAK
CHECHEN (LATIN)	LATIN
CHICHEWA	LATVIAN (LETTISH)
COOK ISLANDS MAORI	LEZGI
CRIMEAN TATAR (LATIN)	LITHUANIAN
CROATIAN	LULE SAMI
CZECH	MACEDONIAN
DARGIN	MACEDONIAN (CYRILLIC) [ROMANIZATION; UN 1977]
DUNGAN	MALTESE
ERZYA	MAORI
ESPERANTO	MARSHALLESE
GAGAUZ (LATIN)	MOKSHA
GODOBERI	MOLDAVIAN (LATIN)
GREEK MONOTONIC	MONGOLIAN (CYRILLIC)
GREENLANDIC (PRE-1973)	MONGOLIAN (CYRILLIC) [ROMANIZATION; BGN/PCGN 1964]
HAWAIIAN	NANAI

NOGAY  
NORTHERN SAMI  
POLISH  
PORTUNHOL  
ROMANI (LATIN)  
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]  
SERBIAN (LATIN)  
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
	STD	PRO	
BASIC LATIN	97	97	! " # ...   } ~
LATIN-1 SUPPLEMENT	96	96	ı ç £ ... ý þ ÿ
LATIN EXTENDED-A	13	128	Ā ā Ă ... Ź ź ƒ
LATIN EXTENDED-B	1	27	ə ƒ Ƶ ... Ƨ Ƨ Ƨ
IPA EXTENSIONS		1	ə
SPACING MODIFIER LETTERS	10	10	◌ ˆ ◌ ◌ ˜ ◌
COMBINING DIACRITICAL MARKS	16	16	◌ ˘ ◌ ◌ ˆ ◌ ◌ ◌
GREEK AND COPTIC	5	79	; ’ “ ... ʸ ʸ ϕ
CYRILLIC		136	È Ě Ъ ... ø Ÿ ȳ
LATIN EXTENDED ADDITIONAL		10	Ẁ ẁ Ẃ ... ẃ Ỳ ỳ
GENERAL PUNCTUATION	19	20	— — — ... ‹ › /
SUPERSCRIPTS AND SUBSCRIPTS	17	17	⁰ ⁴ ⁵ ... ₇ ₈ ₉
CURRENCY SYMBOLS	2	2	€ ₳
LETTERLIKE SYMBOLS	4	4	№ ® ™ Ω

TITLE	NUMBER OF CHARACTERS		EXAMPLES
	STD	PRO	
NUMBER FORMS	17	17	1/7 1/9 1/10 ... 7/8 1/0/3
ARROWS	8	8	
MATHEMATICAL OPERATORS	14	14	∂ Δ ∏ ... ≤ ≥ ·
GEOMETRIC SHAPES	9	9	■ □ ▲ ... ◇ ○ ●
MISCELLANEOUS SYMBOLS	1	1	
ALPHABETIC PRESENTATION FORMS 6		6	ff fi fl ffi ffl st

# Shag pile i13

**AaBbCcDdEeFfGgHhIijjKkLlM**

**abcdefghijklmnopqrstuvwxy 0123456789**

**ABCDEFGHIJKLMN OPQRSTUVWXYZ**

FF Meta Bold 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 Bold 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 Bold 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 Bold 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,**