

FONTFONT OPENTYPE®



## FONTFONT INFO GUIDE

# FF Unit OT Bold FF Unit Pro Bold

VERSION 01.1 | Spring 2008



## 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 UNIT OT BOLD

FF Unit was designed by Erik Spiekermann and produced by Christian Schwartz. FF Unit is the grown-up, no-nonsense sister of Spiekermann's famous FF Meta. With FF Unit, puppy fat is off, some curves are gone and the shapes are tighter. While FF Meta has always been a little out-of-line and not exactly an over-engineered typeface, FF Unit is less outspoken and more disciplined. It is – like FF Meta – very suitable for use quite small and large, but FF Unit lacks some of the diagonal strokes and curves that give FF Meta its slight informality. However, FF Unit is not cold or uptight, just cool: no redundant ornamentation, just a lot of character. The tighter shapes make it suitable for big headlines set tight. Smaller sizes benefit from the increased contrast between vertical and horizontal strokes and open spacing. Thin and Light perform well set large, displaying the characters to their advantage. There is a great difference in weight between the Thin and Ultra, providing a good range of weights for contrasting combinations. Alternative characters (a, g, i, j, l, U, M) make for interesting headlines. The Small Caps are a bit larger than normal, making them suitable for abbreviations and acronyms. The many weights include old style, regular, and tabular figures.

## ABOUT ERIK SPIEKERMANN

Prof. Dr. h.c. Erik Spiekermann studied History of Art and English in Berlin. He is information architect, type designer (FF Meta, ITC Officina, FF Info, FF Unit, LoType, Berliner Grotesk et al) 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, Berlin Transit, Duesseldorf Airport and many others. In 1988 he started FontShop, a company for production and distribution of electronic fonts. He holds an honorary professorship at the Academy of Arts in Bremen, 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 iisd International Institute of Information Design. In 2003 he was awarded the Gerrit Noordzij Prize for Typography from the Royal Academy in The Hague, Netherlands. In 2006 received an honorary doctorship from Pasadena Art Center. In 2001 he redesigned The Economist magazine in London. His book for Adobe Press, "Stop Stealing Sheep" has recently appeared in a second edition and both a German and a Russian version. His corporate font family for Nokia was released in 2002. The exclusive family of typefaces for Deutsche Bahn (the German railway system), designed with Christian Schwartz, was awarded the Federal German Design Prize 2007. He left MetaDesign in 2001 and now runs SpiekermannPartners with offices in Berlin, London and San Francisco.

Clients include Bosch, Deutsche Bahn, Pioneer Investment, Messe Frankfurt, Nokia, Birkhäuser Verlag Basel and many others.

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## **ABOUT CHRISTIAN SCHWARTZ**

Christian Schwartz is an independent type designer living and working in New York City, where he is principal of Schwartzco Inc., and a partner in Orange Italic. A graduate of the Communication Design program at Carnegie Mellon University, Schwartz first worked at MetaDesign Berlin, developing typefaces for Volkswagen and logos for a number of corporations. He then returned to the US and joined the design staff at The Font Bureau, Inc., working for a wide range of corporate and publication clients. Schwartz set out on his own in 2001, first forming Orange Italic with product designer Dino Sanchez and recently Schwartzco Inc. He has released commercial fonts with FontBureau, Village, FontFont, House Industries and Emigre. Schwartz was awarded the prestigious Prix Charles Peignot in 2007, given every four or five years to a designer under 35 who has made “an outstanding contribution to the field of type design” by the Association Typographique Internationale. Also in 2007, Schwartz and Spiekermann received a gold medal from the German Design Council (Rat für Formgebung) for their Deutsche Bahn typeface system. Schwartz’s typefaces have been honored by the Smithsonian’s Cooper Hewitt National Design Museum, the New York Type Director’s Club, and the International Society of Typographic Designers, and his work with Barnes has been honored by D&AD.

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FONTFONT OPENTYPE®

EXAMPLES



STANDARD LIGATURES

fi ► fi



DISCRETIONARY LIGATURES

stUNcb ► stUñcb



HISTORICAL FORMS

sß ► ffß



HISTORICAL LIGATURES

fiff ► fiff



SMALL CAPITALS

small ► SMALL



SMALL CAPITALS FROM  
CAPITALS

CAPS ► CAPS



CASE-SENSITIVE FORMS

()-[ ] ► ()-[ ]



CAPITAL SPACING

HOH ► HOH

## EXAMPLES

13

LINING FIGURES

0123 ▶ 0123  
0123 ▶ 0123

1|3

PROPORTIONAL FIGURES

012 ▶ 012

1|3|

TABULAR FIGURES

167 ▶ 167  
167 ▶ 167

1/4

FRACTIONS

1/2 ▶ 1/2

7/

NUMERATORS

123/ ▶ 123/

/7

DENOMINATORS

/123 ▶ /123

1<sup>a</sup>

ORDINALS

1a20 ▶ 1a20

H<sub>2</sub>O

SCIENTIFIC INFERIORS

CO2 ▶ CO<sub>2</sub>

## EXAMPLES



SUPERSCRIPT

m3 ► m<sup>3</sup>



SUBSCRIPT

N2 ► N<sub>2</sub>



ACCESS ALL ALTERNATES

1 ► ¹¹¹



STYLISTIC ALTERNATES

ՎՆԴՈՐՈՐ ► ՎՆԴՈՐՈՐ



STYLISTIC SET 1

ՎՆԴՈՐՈՐ ► ՎՆԴՈՐՈՐ



ORNAMENTS

• ► ◻◻◻◻◻◻◻◻



LOCALIZED FORMS

₹₹ ► ₹₹

SECTION D

LANGUAGE  
SUPPORT

SUPPORTED  
CODE PAGES  
OPENTYPE STANDARD



MACOS  
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

ADDITIONAL  
SUPPORTED  
CODE PAGES  
OPENTYPE PRO



MACOS  
MACOS CENTRAL EUROPE  
IBM  
IBM-921 BALTIC  
IBM-1112 BALTIC - EBCDIC  
WINDOWS  
MS WINDOWS 1250 EASTERN EUROPEAN

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- 9 W EU+TURKISH LATIN 5  
ISO 8859-10 SCANDINAVIAN LATIN 6



**SUPPORTED  
LANGUAGES  
OPENTYPE STANDARD**

**STD**

|                  |                     |
|------------------|---------------------|
| AFRIKAANS        | KAZAN TATAR (LATIN) |
| ALBANIAN         | KURDISH (LATIN)     |
| ASTURIAN         | LADIN               |
| BARABA TATAR     | LOW GERMAN          |
| BISLAMA          | LUXEMBOURGIAN       |
| BOKMÅL NORWEGIAN | MANX GAELIC         |
| BRETON           | NORTH FRISIAN       |
| CATALAN          | NYNORSK NORWEGIAN   |
| CHAMORRO         | OCCITAN             |
| CRIMEAN (LATIN)  | PORTUGUESE          |
| DANISH           | RHAETO-ROMANCE      |
| DUTCH            | ROMANI (LATIN)      |
| EAST FRISIAN     | ROMANSCH            |
| ENGLISH          | SCOTTISH GAELIC     |
| ESTONIAN         | SERBIAN (LATIN)     |
| FAEROESE         | SERBO-CROATIAN      |
| FINNISH          | SOUTHERN SAMI       |
| FRANCO-PROVENCAL | SPANISH             |
| FRENCH           | SWEDISH             |
| FRIULIAN         | TSAKHUR (LATIN)     |
| GALICIAN         | TSEZ (LATIN)        |
| GERMAN           | UME SAMI            |
| ICELANDIC        | WALLOON             |
| IRISH            | WEST FRISIAN        |
| ITALIAN          |                     |
| KARAIM (LATIN)   |                     |

**ADDITIONAL  
SUPPORTED  
LANGUAGES  
OPENTYPE PRO**

**PRO**

|                                 |               |
|---------------------------------|---------------|
| BASQUE                          | MALTESE       |
| BOSNIAN                         | MOLDAVIAN     |
| BYELORUSSIAN (BELARUSIAN LATIN) | POLISH        |
| CHICHEWA                        | ROMANIAN      |
| CROATIAN                        | SARDINIAN     |
| CZECH                           | SLOVAK        |
| ESPERANTO                       | SLOVENIAN     |
| GREENLANDIC                     | SORBIAN LOWER |
| HUNGARIAN                       | SORBIAN UPPER |
| INARI SAMI                      | TURKISH       |
| KASHUBIAN                       | UBYKH         |
| LADINO                          | VÅMHUSMÅL     |
| LATIN                           | VEPSIAN       |
| LATVIAN (LETTISH)               | WELSH         |
| LITHUANIAN                      |               |
| LULE SAMI                       |               |

**SUPPORTED  
UNICODE RANGES**

| TITLE                           | NUMBER<br>OF CHARACTERS |     | EXAMPLES              |
|---------------------------------|-------------------------|-----|-----------------------|
|                                 | OT                      | PRO |                       |
| BASIC LATIN                     | 97                      | 97  | ! " # ...   } ~       |
| LATIN-1 SUPPLEMENT              | 96                      | 96  | ı ç £ ... ý þ ÿ       |
| LATIN EXTENDED-A                | 11                      | 123 | Ā ā Ă ă ... Ž ž ƒ     |
| LATIN EXTENDED-B                | 1                       | 10  | ƒ Ą Ė ė ı Ț ț ȷ       |
| SPACING MODIFIER LETTERS        | 8                       | 8   | ˆ ˇ ˘ ... ˜ ˝         |
| GREEK AND COPTIC                | 4                       | 4   | Δ Ω μ π               |
| LATIN EXTENDED ADDITIONAL       |                         | 8   | Ŵ ŵ Ŷ ŷ Ÿ Ź ź         |
| GENERAL PUNCTUATION             | 29                      | 29  | – — ‘ ’ … ‹ › ⁄       |
| SUPERSCRIPTS AND SUBSCRIPTS     | 27                      | 27  | ⁰ ⁴ ⁵ … ⁱ ⁿ ⁿ         |
| CURRENCY SYMBOLS                | 1                       | 1   | €                     |
| LETTERLIKE SYMBOLS              | 2                       | 2   | ™ Ω                   |
| ARROWS                          | 18                      | 18  | ← ↑ → … ↗ ↘ ↙         |
| MATHEMATICAL OPERATORS          | 16                      | 16  | ∂ Δ ∏ … ≤ ≥ ∙         |
| GEOMETRIC SHAPES                | 18                      | 18  | ■ □ ▲ … ◁ ◂ ◊         |
| ALPHABETIC PRESENTATION FORMS 7 |                         | 7   | ff fi fl … ffi flt st |

# Shag pile i13

**AaBbCcDdEeFfGgHhIiJjKkLlMm**

**abcdefghijklmnopqrstuvwxyz 0123456789**

**ABCDEFGHIJKLMNOPQRSTUVWXYZ**

FF Unit OT Bold 14/16 pt

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

FF Unit OT Bold 12/14 pt

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

FF Unit OT Bold 10/12 pt

|                                                                                                                                                                               |                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SEMPRE DOMENICA PRENDERÀ VITA una giornata Gut getarnt im Neptungras steht ein Kuckuckslipp. Serán, a juicio de los cientí.cos, tres épocas Onks tää vika kysymys. Hän</b> | <b>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</b> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

FF Unit OT Bold 8/10 pt

|                                                                                                                                             |                                                                                                                                               |                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SEMPRE DOMENICA PRENDERÀ VITA una giornata Gut getarnt im Neptungras steht ein Kuckuckslipp. Serán, a juicio de los cientí.cos, tres</b> | <b>épocas Onks tää vika kysymys. Hän on työskennellyt Il y aurait bien de choses à dire là-dessus. Several tenors sing in culturally void</b> | <b>display. Eigentlich wollen die Leute nur die Sonne genießen. Ayer, todavía en pleno echazo, celebraban su aniversario de boda. Facile à dire</b> |
|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|