



## FONTFONT INFO GUIDE

# FF DIN OT Black Italic FF DIN Pro Black Italic

VERSION 01.1 | September 2007



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- A | Introduction to OpenType®
- B | Font and Designer Information
- C | Supported Layout Features
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## 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 DIN OT BLACK ITALIC

After re-working and expanding OCR-B to include three weights for the FF OCR-F, Albert-Jan Pool began working on his second FontFont, the famous DIN-Mittelschrift. This face has not only dominated the traffic signs and public buildings in Germany, but with its technical orientation and straightforwardness it has also found many friends internationally. FF DIN has been expanded to a family of five weights. For each weight there is an Alternate cut with old style figures, circular i-dots and full points and oblique terminals on some characters.

The original DIN-Mittelschrift is built up from strokes having a constant thickness, all curves being drawn with a pair of compasses. This provides a spotty typeface with quirky letterforms, as can especially be seen in the characters a, e and s. Compared with characters with fewer strokes, such as b, d, p, q, and o and n they appear rather black. For FF DIN, the weight of the horizontal strokes has been reduced, and the curves were designed in a more fluent way.

## ABOUT ALBERT-JAN POOL

Albert-Jan Pool was born in 1960 in Amsterdam. He studied at the Royal Academy of Arts in The Hague. Initiated by professor Gerrit Noordzij the Academy had become an incubator of type design. Albert-Jan was one of the co-founders of Letters], a group of young Dutch type designers. Many of its members (Frank Blokland, Erik and Petr van Blokland, Jelle Bosma, Luc(as) de Groot, Bart de Haas, Henk van Leyden, Peter-Matthias Noordzij, Marie-Cécile Noordzij-Pulles, Just van Rossum and Peter Verheul) have become well-known type designers. After his study he left for Germany. From 1987 to 1991 he was Type Director at Scangraphic in Wedel, near Hamburg. From 1991 to 1994 he was Manager of Type Design and Production at URW in Hamburg. During this time he completed his type families URW Imperial, URW Linear and URW Mauritius. By January 1995 he started his own studio Dutch Design in Hamburg. FF DIN and FF OCR-F were among his first projects. He had been teaching type design at the Muthesius Hochschule in Kiel from 1995 to 1998, as well as typography at the Hamburg Academy for Marketing and Media. Together with type consultant Stefan Rögner of AdFinder GmbH and copywriter Ursula Packhäuser he wrote and designed a both useful and provocative book on the effects of type on brand image entitled “Branding with Type”, which has been published by Adobe Press. Dutch Design finally merged into FarbTon Konzept + Design. The new company was co-founded 1999 with Jörn Iken, and Klaus-Peter-Staudinger, as well as with Birgit Hartmann



who is also the mother of their daughter Pia-Elina (born 1999). For customers of FarbTon he created several corporate typefaces such as Jet Set Sans together with Syndicate Brand & Corporate for Jet/Conoco in 1997, C&A InfoType together with Factor Design for C&A in 1998, DTL HEIN GAS for HEIN GAS Hamburger Gaswerke in 1999 and Regenbogen Bold for Regenbogen, a political party in Germany in 2001. Pool is currently working on several new series in order to extend the family of FF DIN.

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FONTFONT OPENTYPE®

EXAMPLES



STANDARD LIGATURES

*fi* ▶ ***fi***



CASE-SENSITIVE FORMS

*()-[ ]* ▶ ***()-[ ]***



CAPITAL SPACING

*HOH* ▶ ***HOH***



OLDSTYLE FIGURES

*1234* ▶ ***1234***  
*1234* ▶ ***1234***



LINING FIGURES

*1234* ▶ ***1234***  
*1234* ▶ ***1234***



PROPORTIONAL FIGURES

*1234* ▶ ***1234***  
*1234* ▶ ***1234***



TABULAR FIGURES

*1234* ▶ ***1234***  
*1234* ▶ ***1234***



FRACTIONS

*1/2* ▶ ***1/2***

## EXAMPLES



NUMERATORS

123/ ▶ 123/



ORDINALS

1a2o ▶ 1<sup>a</sup>2<sup>o</sup>



SUPERSCRIPT

m3 ▶ m<sup>3</sup>



ACCESS ALL ALTERNATES

1 ▶ 1



STYLISTIC ALTERNATES

!..;? ▶ !..;?



STYLISTIC SET 1

!..;? ▶ !..;?

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**

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AFRIKAANS	ICELANDIC
ALBANIAN	IRISH
ASTURIAN	ITALIAN
BARABA TATAR	LADIN
BISLAMA	LUXEMBOURGIAN
BOKMÅL NORWEGIAN	MANX GAELIC
BRETON	NYNORSK NORWEGIAN
CATALAN	OCCITAN
CHAMORRO	PORTUGUESE
DANISH	RHAETO-ROMANCE
DUTCH	ROMANSCH
ENGLISH	SCOTTISH GAELIC
ESTONIAN	SOUTHERN SAMI
FAEROESE	SPANISH
FINNISH	SWEDISH
FRANCO-PROVENCAL	UME SAMI
FRENCH	WALLOON
FRIULIAN	WEST FRISIAN
GALICIAN	
GERMAN	

**ADDITIONAL  
SUPPORTED  
LANGUAGES  
OPENTYPE PRO**

**PRO**

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BASQUE	MOLDAVIAN
BOSNIAN	POLISH
CROATIAN	ROMANIAN
CZECH	SLOVAK
ESPERANTO	SLOVENIAN
HUNGARIAN	SORBIAN LOWER
INARI SAMI	SORBIAN UPPER
KASHUBIAN	TURKISH
LATVIAN (LETTISH)	UBYKH
LITHUANIAN	VÅMHUSMÅL
LULE SAMI	
MALTESE	



SUPPORTED  
UNICODE RANGES

TITLE

NUMBER  
OF CHARACTERS  
OT PRO

EXAMPLES

BASIC LATIN

97

97

! " # ... / } ~

LATIN-1 SUPPLEMENT

96

96

ı ¢ £ ... ý þ ÿ

LATIN EXTENDED-A

10

103

Ā ā Ă ... ž Ž ž

LATIN EXTENDED-B

1

6

ƒ Š š Ţ ţ Ĳ

SPACING MODIFIER LETTERS

8

8

ˆ ˇ ˘ ... ˜ ˝

GREEK AND COPTIC

4

4

Δ Ω μ π

GENERAL PUNCTUATION

16

16

- — ‘ ... ‹ › /

CURRENCY SYMBOLS

1

1

€

LETTERLIKE SYMBOLS

2

2

™ Ω

ARROWS

8

8

← ↑ → ... ↗ ↘ ↙

MATHEMATICAL OPERATORS

16

16

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GEOMETRIC SHAPES

1

1

◊

ALPHABETIC PRESENTATION FORMS 2

2

fi fl

# *Shag pile i13*

***AaBbCcDdEeFfGgHhIiJjKkLlM***

***abcdefghijklmnopqrstuvwxyz 0123456789***

***ABCDEFGHIJKLMNOPQRSTUVWXYZ***

FF DIN OT Black Italic 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***

FF DIN OT Black Italic 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-***

FF DIN OT Black Italic 10/12 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. Several tenors sing in culturally void display. Eigentlich wollen die Leute nur die Sonne***

FF DIN OT Black Italic 8/10 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. Several***

***tenors sing in culturally void display. Eigentlich wollen die Leute nur die Sonne genießen. Ayer, todavía en pleno echazo,***