FONTFONT OPENTYPE®

FONTFONT INFO GUIDE FOR

FF Quadraat Sans Demi 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.

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

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FF Quadraat Sans Demi Bold

Handgloves

ABOUT FF QUADRAAT SANS DEMI BOLD

Originally designed for the Dutch design company with the same name (now it is called the "Lab"), Quadraat combines Renaissance elegance with contemporary ideas on construction and form.
Over the years several versions have been designed: Quadraat Sans and Serif, Display and Headliner. The fonts in FF Quadraat Display are strong, but they aren't of the loud-mouthed, fun-font variety. They strive for a sort of noticeability we don't see much anymore.
The FF Quadraat Sans follows a trend which was originated by Jan van Krimpen who designed Romulus, a classical typeface and to which he added some sans serif variations. It was not until the late eighties that this idea became more popular. The well known designs from our days are ITC Stone or FF Scala for example. Both typefaces give designers the opportunity to make use of well adapted sans serif variations. FF Quadraat which started with a serif version follows this young tradition. Sans serif typefaces can look very much alike, especially in the bolder variations. This is certainly not the case with Quadraat Sans. Quadraat Sans is like its serif companion a typeface with a rather strong character of its own. Thus, it was not that easy for the designer Fred Smeijers to make a gesture as strong as its serif companion without neglecting traditional proportions. But he obviously succeeded in giving the sans version a lively and humane character. This can be most clearly seen in big word images and is still there in text sizes, although in a more discreet way. So Quadraat Sans has display qualities, is an efficient typeface and suitable for longer texts at the same time.
The 2011 versions of FF Quadraat and FF Quadraat Sans come with revised outlines, optimized proportions, improved kerning and spacing, additional weights and extended language support.

ABOUT FRED SMEIJERS

Fred Smeijers is a type designer who specializes in typographic research and development for product manufacturers. Among his typeface designs are FF Quadraat and FF Quadraat Sans, TEFF Renard, and the typefaces published by OurType: Arnhem, Custodia, Fresco, Monitor, Sansa and Ludwig.

Born in The Netherlands, Smeijers studied graphic design at the Academy of Art in Arnhem. His first practice came in the mid-1980s with the firm of

FF Quadraat Sans Demi Bold

Océ, just then entering the field of typography with laser printers. This set the pattern for Smeijers's long engagement with type design in its most functional applications, as part of product design. After five years he left to work in graphic design, helping to establish the group Quadraat (in Arnhem). The name of the design group was also given to his first published typeface: FF Quadraat, launched in 1992. His work of the 1990s included the expansion of the Quadraat family, type and lettering design jobs for Philips, collaboration on Martin Majoor's Telefont type design, typefaces such as TEFF Renard and Romanée, and his first book - Counterpunch.

With the award of the Gerrit Noordzij Prize in 2000, Smeijers's achievements in the field of practice, research and education were formally recognized. This prize included a retrospective exhibition of his work, held in The Hague in 2003 and in London in 2004. His second book Type now was also published in 2003, as a further part of the GN award. Smeijers lectures on type design and type history at the leading European type design schools: Royal Academy of Arts (KABK, The Hague), Hochschule für Grafik und Buchkunst (HGB, Leipzig), University of Reading (Reading, UK), Ecole cantonale d'art de Lausanne (ECAL, CH) among others.

Fred Smeijers is the co-founder and creative director of OurType.

FF Quadraat Sans Demi Bold

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SECTION C

SUPPORTED LAYOUT FEATURES

FONTFONT OPENTYPE®

		EXAMPLES
fi	STANDARD LIGATURES	fftffbffi ▸ fftffbffi
ct	DISCRETIONARY LIGATURES	ANThett ▸ ANThett
f	HISTORICAL FORMS	hist ▸ hiſt
aA	SMALL CAPITALS	Small ▸ SMALL
AA	SMALL CAPITALS FROM CAPITALS	CAPS ▸ CAPS
[S]	CASE-SENSITIVE FORMS	(H-o) ▸ (H-O)
I⇄I	CAPITAL SPACING	HOH ▸ HOH
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SCIENTIFIC INFERIORS	CO2 ▶ CO_2
SUPERSCRIPT	m3 ▶ m^3

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	EXAMPLES
SUBSCRIPT	N2 ▶ N_2
SLASHED ZERO	0 ▶ 0
ACCESS ALL ALTERNATES	1 ▶ $111_{11}{}^{1}$
STYLISTIC SET 2	hist ▶ hiſt
LOCALIZED FORMS	ȘșȚț ▶ ȘșȚț

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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 ROMANIAN
MACOS TURKISH
MACOS UKRAINIAN

IBM

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 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

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SUPPORTED LANGUAGES STANDARD

STD

Afrikaans
Albanian
Amharic (ethiopic) [Romanization system BGN/PCGN 1967]
Arvanitika (latin)
Asturian
Baraba Tatar
Bats (latin)
Bislama
Breton
Burmese (burmese) [Romanization; BGN/PCGN 1970]
Catalan
Chamorro
Danish
Dutch
English
Estonian
Faeroese
Finnish
Franco-Provencal
French
Frisian
Frisian, East
Frisian, North
Frisian, West
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
Norwegian, Bokmål
Norwegian, Nynorsk
Occitan
Pilipino (Tagalog)
Portuguese
Rhaeto-Romance
Romansch
Russian (cyrillic) [Romanization; BGN/PCGN 1947]
Sami, Southern
Sami, Ume
Scottish Gaelic
Somali
Sotho, Northern
Sotho, Southern
Spanish
Swedish
Tahitian
Tsakhur (latin)
Tsonga
Tswana
Turkmen (cyrillic) [Romanization; BGN/PCGN 1979]
Ukrainian (cyrillic) [Romanization; National, 1993]
Walloon
Xhosa
Yapese
Yiddish [Romanization]
Zulu

ADDITIONAL SUPPORTED LANGUAGES PRO

PRO

Abaza
Adyghe
Älvdalska
Amharic (ethiopic) [Romanization; UN 1967]
Aragonese
Archi
Arumanian
Avar
Azerbaijani (cyrillic)
Azerbaijani (latin)
Balk
Basque
Belarusian (Cyrillic)
Belarusian (latin)
Bosnian (cyrillic)
Bosnian (latin)
Botlikh
Budukh
Bulgarian
Bulgarian (cyrillic) [Romanization; BGN/PCGN 1952]
Buryat
Chechen (cyrillic)
Chichewa
Cook Islands Maori
Crimean Tatar (latin)
Croatian
Czech
Dargin
Dungan
Erzya
Esperanto
Gagauz (latin)
Godoberi
Greenlandic (pre-1973)
Hawaiian
Hungarian
Ingush
Istro-Romanian
Japanese (sino-japanese) [Romanization; Modified Hepburn]
Kabardian
Kalmyk
Karachay-Balkar
Karaim (cyrillic)
Kara-Kalpak
Kashubian
Kazakh
Kazakh (cyrillic) [Romanization; BGN/PCGN 1979]
Kazan Tatar (cyrillic)
Khinalug
Khmer (khmer) [Romanization; UN 1972]
Korean (hangul) [Romanization; 1939 & 1984]
Kryts
Kumyk
Kurdish (cyrillic)
Kurmanji
Ladino (latin)
Lak
Latin
Latvian
Lezgi
Lithuanian
Macedonian
Macedonian (cyrillic) [Romanization; UN 1977]
Maltese
Maori
Marshallese
Moksha
Moldavian (latin)
Mongolian (cyrillic)
Mongolian (cyrillic) [Romanization; BGN/PCGN 1964]
Nanai
Nogay
Polish
Portunhol
Romani (latin)
Romanian

Russian
Russian (cyrillic) [Romanization; Russian Academy of Sciences system]
Russian (cyrillic) [Romanization; UN 1987, National]
Rusyn
Rutul
Sami, Inari
Sami, Lule
Sami, Northern
Samoan
Sardinian
Serbian (latin)
Slovak
Slovenian
Sorbian, Lower
Sorbian, Upper
Tabasaran
Tajik
Tajik (cyrillic) [Romanization; BGN/PCGN 1994]
Talysh (cyrillic)
Tatar
Tati
Tongan
Tsakhur (cyrillic)
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 STD	Number of Characters PRO	Examples
Basic Latin	97	97	! " # … | } ~
Latin-1 Supplement	96	96	¡ ₵ £ … ý þ ÿ
Latin Extended-A	13	128	Ā ā Ă … Ž ž S
Latin Extended-B	1	13	Ə ƒ Ǻ … Ţ ţ ȷ
IPA Extensions		1	ə
Spacing Modifier Letters	11	11	ʻ ʼ ˆ … ˿ ˜ ˝
Combining Diacritical Marks	16	16	̀ ́ … ̂ ̓ ̔ ̕
Greek and Coptic	4	4	Δ Ω µ π
Cyrillic		136	È Ë Ҭ … ѳ Ӯ ӯ
Latin Extended Additional		8	Ẁ ẁ Ẃ … ẅ Ỳ ỳ
General Punctuation	19	19	– — ‘ … ‹ › /
Superscripts and Subscripts	41	41	ᵒ ⁱ ₄ … ₚ ₛ ₜ
Currency Symbols	2	2	€ ₴
Letterlike Symbols	5	5	ℓ № ™ Ω ℮

Title	Number of Characters STD	PRO	Examples
Number Forms	17	17	⅐ ⅑ ⅒ … ⅞ ⅓
Arrows	8	8	← ↑ → … ↗ ↘ ↙
Mathematical Operators	14	14	∂ ∆ ∏ … ≤ ≥ ∙
Geometric Shapes	11	11	■ □ ▶ … ● ◻ ■
Miscellaneous Symbols	1	1	★
Alphabetic Presentation Forms	5	5	ﬀ ﬁ ﬂ ﬃ ﬄ
Arabic Presentation Forms-B	1	1	

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Shag pile i13

AaBbCcDdEeFfGgHhIiJjKkLlMm

abcdefghijklmnopqrstuvwxyz 0123456789

ABCDEFGHIJKLMNOPQRSTUVWXYZ

FF Quadraat Sans Demi 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 työskennellyt Il y aurait

FF Quadraat Sans Demi 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-dessus.

FF Quadraat Sans Demi 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 genießen. Ayer, todavía

FF Quadraat Sans Demi 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, celebraban su aniversario de boda. Facile à dire