Letterlike Symbols

Range: 2100–214F

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ISO/IEC DIS 10646:2026(en) - 7th Edition Draft

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	210	211	212	213	214
0	℀ 2100	ℑ 2110	℠ 2120	ℰ 2130	⅀ 2140
1	℁ 2101	ℑ 2111	℡ 2121	Ⅎ 2131	⅁ 2141
2	ℂ 2102	ℒ 2112	™ 2122	ⅎ 2132	⅂ 2142
3	℃ 2103	ℓ 2113	℣ 2123	ℳ 2133	⅃ 2143
4	₵ 2104	℔ 2114	ℤ 2124	ℴ 2134	⅄ 2144
5	℅ 2105	ℕ 2115	℥ 2125	א 2135	ⅅ 2145
6	℆ 2106	№ 2116	Ω 2126	ב 2136	ⅆ 2146
7	ℇ 2107	℗ 2117	℧ 2127	ג 2137	ⅇ 2147
8	℈ 2108	℘ 2118	ℨ 2128	ד 2138	ⅈ 2148
9	℉ 2109	ℙ 2119	℩ 2129	ⅈ 2139	ⅉ 2149
A	ℊ 210A	ℚ 211A	K 212A	℺ 213A	⅊ 214A
B	ℋ 210B	ℛ 211B	Å 212B	℻ 213B	⅋ 214B
C	ℌ 210C	ℜ 211C	ℬ 212C	ℼ 213C	⅌ 214C
D	ℍ 210D	ℝ 211D	ℭ 212D	ℽ 213D	⅍ 214D
E	ℎ 210E	℞ 211E	℮ 212E	ℾ 213E	ⅎ 214E
F	ℏ 210F	℟ 211F	ℯ 212F	ℿ 213F	⅏ 214F

Letterlike symbols

Some of the letterlike symbols are intended to complete the set of mathematical alphanumeric symbols starting at 1D400.

2100 ℀ ACCOUNT OF
≈ 0061 a 002F / 0063 c

2101 ℁ ADDRESSED TO THE SUBJECT
= aux soins (de)
→ 214D ⅍ aktieselskab
≈ 0061 a 002F / 0073 s

2102 ℂ DOUBLE-STRUCK CAPITAL C
= the set of complex numbers
≈ <font> 0043 C latin capital letter c

2103 ℃ DEGREE CELSIUS
= degrees centigrade
≈ 00B0 ° 0043 C

2104 ¢ CENTRE LINE SYMBOL
= clone

2105 ℅ CARE OF
≈ 0063 c 002F / 006F o

2106 ℆ CADA UNA
• Spanish for "each one"
≈ 0063 c 002F / 0075 u

2107 ℇ EULER CONSTANT
→ 0045 E latin capital letter e
≈ 0190 Ɛ latin capital letter open e

2108 ℈ SCRUPLE

2109 ℉ DEGREE FAHRENHEIT
≈ 00B0 ° 0046 F

210A ℊ SCRIPT SMALL G
= real number symbol
≈ <font> 0067 g latin small letter g

210B ℋ SCRIPT CAPITAL H
= Hamiltonian operator
~ 210B FE00 ℋ chancery style
~ 210B FE01 ℋ roundhand style
≈ <font> 0048 H latin capital letter h

210C ℌ BLACK-LETTER CAPITAL H
= Hilbert space
≈ <font> 0048 H latin capital letter h

210D ℍ DOUBLE-STRUCK CAPITAL H
≈ <font> 0048 H latin capital letter h

210E ℎ PLANCK CONSTANT
= height, specific enthalpy, ...
• simply a mathematical italic h; this character's name results from legacy usage
≈ <font> 0068 h latin small letter h

210F ℏ PLANCK CONSTANT OVER TWO PI
= reduced Planck constant, Dirac constant
→ 045B ћ cyrillic small letter tshe
≈ <font> 0127 ħ latin small letter h with stroke

2110 ℐ SCRIPT CAPITAL I
~ 2110 FE00 ℐ chancery style
~ 2110 FE01 ℐ roundhand style
≈ <font> 0049 I latin capital letter i

2111 ℑ BLACK-LETTER CAPITAL I
= imaginary part
≈ <font> 0049 I latin capital letter i

2112 ℒ SCRIPT CAPITAL L
= Laplace transform
~ 2112 FE00 ℒ chancery style
~ 2112 FE01 ℒ roundhand style
≈ <font> 004C L latin capital letter l

2113 ℓ SCRIPT SMALL L
= mathematical symbol 'ell'
= liter (traditional symbol)
• despite its character name, this symbol is derived from a special italicized version of the small letter l
• the SI recommended symbol for liter is 006C l or 004C L
→ 1D4C1 𝓁 mathematical script small l
≈ <font> 006C l latin small letter l

2114 ℔ L B BAR SYMBOL
= pounds
→ 0023 # number sign

2115 ℕ DOUBLE-STRUCK CAPITAL N
= natural number
• a glyph variant with doubled vertical strokes exists
≈ <font> 004E N latin capital letter n

2116 № NUMERO SIGN
→ 0023 # number sign
→ 00BA º masculine ordinal indicator
≈ 004E N 006F o

2117 ℗ SOUND RECORDING COPYRIGHT
= published
= phonorecord sign
→ 00A9 © copyright sign
→ 24C5 Ⓟ circled latin capital letter p

2118 ℘ SCRIPT CAPITAL P
※ WEIERSTRASS ELLIPTIC FUNCTION
• actually this has the form of a lowercase calligraphic p, despite its name

2119 ℙ DOUBLE-STRUCK CAPITAL P
≈ <font> 0050 P latin capital letter p

211A ℚ DOUBLE-STRUCK CAPITAL Q
= the set of rational numbers
≈ <font> 0051 Q latin capital letter q

211B ℛ SCRIPT CAPITAL R
= Riemann Integral
~ 211B FE00 ℛ chancery style
~ 211B FE01 ℛ roundhand style
≈ <font> 0052 R latin capital letter r

211C ℜ BLACK-LETTER CAPITAL R
= real part
≈ <font> 0052 R latin capital letter r

211D ℝ DOUBLE-STRUCK CAPITAL R
= the set of real numbers
≈ <font> 0052 R latin capital letter r

211E ℞ PRESCRIPTION TAKE
= recipe
= cross ratio

211F ℟ RESPONSE

2120 ℠ SERVICE MARK
≈ <super> 0053 S 004D M

2121 ℡ TELEPHONE SIGN
• typical forms for this symbol may use lowercase, small caps or superscripted letter shapes
→ 260E ☎ black telephone
→ 2706 ✆ telephone location sign
→ 1F4DE 📞 telephone receiver
≈ 0054 T 0045 E 004C L

2122 ™ TRADE MARK SIGN
→ 1F12E 🄮 circled wz
≈ <super> 0054 T 004D M

2123 ℣ VERSICLE

2124 ℤ DOUBLE-STRUCK CAPITAL Z
= the set of integers
≈ <font> 005A Z latin capital letter z

2125 ℥ OUNCE SIGN
→ 0292 ʒ latin small letter ezh
→ 1F773 ℥ alchemical symbol for half ounce
→ 2CF04 ⌐ʒ

2126 Ω OHM SIGN
• SI unit of resistance, named after G. S. Ohm, German physicist
• preferred representation is 03A9 Ω
→ 260A ☊ ascending node
≡ 03A9 Ω greek capital letter omega

2127 ℧ INVERTED OHM SIGN
= mho
• archaic unit of conductance (= the SI unit siemens)
• typographically a turned greek capital letter omega
→ 01B1 Ʊ latin capital letter upsilon
→ 03A9 Ω greek capital letter omega
→ 260B ☋ descending node

2128 ℨ BLACK-LETTER CAPITAL Z
≈ <font> 005A Z latin capital letter z

2129 ℩ TURNED GREEK SMALL LETTER IOTA
• unique element fulfilling a description (logic)
→ 03B9 ι greek small letter iota

212A K KELVIN SIGN
≡ 004B K latin capital letter k

212B Å ANGSTROM SIGN
• non SI length unit (=0.1 nm) named after A. J. Ångström, Swedish physicist
• preferred representation is 00C5 Å
≡ 00C5 Å latin capital letter a with ring above

212C ℬ SCRIPT CAPITAL B
= Bernoulli function
~ 212C FE00 ℬ chancery style
~ 212C FE01 ℬ roundhand style
≈ <font> 0042 B latin capital letter b

212D ℭ BLACK-LETTER CAPITAL C
≈ <font> 0043 C latin capital letter c

212E ℮ ESTIMATED SYMBOL
• used in European packaging
→ 0065 e latin small letter e

212F ℯ SCRIPT SMALL E
= error
= natural exponent
≈ <font> 0065 e latin small letter e

2130 ℰ SCRIPT CAPITAL E
= emf (electromotive force)
~ 2130 FE00 ℰ chancery style
~ 2130 FE01 ℰ roundhand style
≈ <font> 0045 E latin capital letter e

2131 ℱ SCRIPT CAPITAL F
= Fourier transform
~ 2131 FE00 ℱ chancery style
~ 2131 FE01 ℱ roundhand style
≈ <font> 0046 F latin capital letter f

2132 Ⅎ TURNED CAPITAL F
= Claudian digamma inversum
• lowercase is 214E ⅎ
→ 0046 F latin capital letter f
→ 03DC F greek letter digamma

2133 ℳ SCRIPT CAPITAL M
= M-matrix (physics)
= German Mark currency symbol, before WWII
• when used for the Mark symbol, the range of glyph variation is restricted
→ 20BB ⅌ nordic mark sign
~ 2133 FE00 ℳ chancery style
~ 2133 FE01 ℳ roundhand style
≈ <font> 004D M latin capital letter m

2134 ℴ SCRIPT SMALL O
= order, of inferior order to
≈ <font> 006F o latin small letter o

Hebrew letterlike math symbols

These are left-to-right characters. They are used in notations of transfinite cardinals.

2135 ℵ ALEF SYMBOL
≈ 05D0 ℵ hebrew letter alef

2136 ℶ BET SYMBOL
≈ 05D1 ℶ hebrew letter bet

2137 ℷ GIMEL SYMBOL
≈ 05D2 ℷ hebrew letter gimel

2138 ℸ DALET SYMBOL
≈ 05D3 ℸ hebrew letter dalet

Additional letterlike symbols

2139 ℹ INFORMATION SOURCE
• intended for use with 20DD ◎
→ 1F6C8 ⓘ circled information source
≈ <font> 0069 i latin small letter i

213A ⅁ ROTATED CAPITAL Q
• a binding signature mark

213B FAX FACSIMILE SIGN
• typical forms for this symbol may use lowercase, small caps or superscripted letter shapes
→ 2121 TEL telephone sign
→ 1F4E0 🖷 fax machine
≈ 0046 F 0041 A 0058 X

213C ℼ DOUBLE-STRUCK SMALL PI
≈ <font> 03C0 π greek small letter pi

213D ℽ DOUBLE-STRUCK SMALL GAMMA
≈ <font> 03B3 γ greek small letter gamma

213E ℾ DOUBLE-STRUCK CAPITAL GAMMA
≈ <font> 0393 Γ greek capital letter gamma

213F ℿ DOUBLE-STRUCK CAPITAL PI
≈ <font> 03A0 Π greek capital letter pi

Double-struck large operator

2140 ⅀ DOUBLE-STRUCK N-ARY SUMMATION
≈ <font> 2211 ∑ n-ary summation

Additional letterlike symbols

2141 ⅁ TURNED SANS-SERIF CAPITAL G
= game
→ A4E8 ⅁ lisu letter hha

2142 ⅂ TURNED SANS-SERIF CAPITAL L
→ A4F6 ⅂ lisu letter uh

2143 ⅃ REVERSED SANS-SERIF CAPITAL L

2144 ⅄ TURNED SANS-SERIF CAPITAL Y
→ 11FB0 ⅄ lisu letter yha

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Double-struck italic math symbols

These stylized mathematical symbols are used in some documents to distinguish special mathematical usages from ordinary variables.

2145 ℅ DOUBLE-STRUCK ITALIC CAPITAL D
- sometimes used for the differential
≈ <font> 0044 D latin capital letter d

2146 ℅ DOUBLE-STRUCK ITALIC SMALL D
- sometimes used for the differential
≈ <font> 0064 d latin small letter d

2147 ℅ DOUBLE-STRUCK ITALIC SMALL E
- sometimes used for the natural exponent
≈ <font> 0065 e latin small letter e

2148 ℅ DOUBLE-STRUCK ITALIC SMALL I
- sometimes used for the imaginary unit
≈ <font> 0069 i latin small letter i

2149 ℅ DOUBLE-STRUCK ITALIC SMALL J
- sometimes used for the imaginary unit
≈ <font> 006A j latin small letter j

Additional letterlike symbols

214A ⅊ PROPERTY LINE

214B ⅋ TURNED AMPERSAND
- used in linear logic
→ 0026 & ampersand

214C ℅ PER SIGN
- abbreviates the word 'per'

214D ⅍ AKTIESELSKAB
→ 2101 ℅ addressed to the subject

Lowercase Claudian letter

Claudian letters in inscriptions are uppercase, but may be transcribed by scholars in lowercase.

214E ⅎ TURNED SMALL F
- uppercase is 2132 Ⅎ
→ 03DD ϝ greek small letter digamma

Biblical editorial symbol

214F ⅏ SYMBOL FOR SAMARITAN SOURCE

Standardized Variation Sequences

210B  SCRIPT CAPITAL H

210B  chancery style

210B FE00  roundhand style

210B FE01

2110  SCRIPT CAPITAL I

2110  chancery style

2110 FE00 roundhand style

2110 FE01

2112  SCRIPT CAPITAL L

2112  chancery style

2112 FE00  roundhand style

2112 FE01

211B  SCRIPT CAPITAL R

211B  chancery style

211B FE00  roundhand style

211B FE01

212C  SCRIPT CAPITAL B

212C  chancery style

212C FE00  roundhand style

212C FE01

2130  SCRIPT CAPITAL E

2130  chancery style

2130 FE00  roundhand style

2130 FE01

2131  SCRIPT CAPITAL F

2131  chancery style

2131 FE00  roundhand style

2131 FE01

2133  SCRIPT CAPITAL M

2133  chancery style

2133 FE00 roundhand style

2133 FE01