

## Letterlike Symbols

### Range: 2100–214F

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard, Version 3.0*.

### Disclaimer

The shapes of the reference glyphs used in these code charts are not prescriptive. Considerable variation is to be expected in actual fonts.

For a complete understanding of the use of the characters contained in this excerpt file, please consult the appropriate sections of *The Unicode Standard, Version 3.0* (ISBN 0–201–61633–5), as well as the Unicode Technical Reports and the Unicode Character Database, which are available online.

See <ftp://ftp.unicode.org/Public/UNIDATA/UnicodeCharacterDatabase.html> and <http://www.unicode.org/unicode/reports>

A thorough understanding of the information contained in these additional sources is required for a successful implementation.

### Fonts

The fonts used in these charts were provided to the Unicode Consortium by a number of different font designers

See <http://www.unicode.org/unicode/uni2book/u2fonts.html> for a list.

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See <http://www.unicode.org/pending/pending.html> and <http://www.unicode.org/unicode/alloc/Pipeline.html>.

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	210	211	212	213	214
0	<i>a/c</i> 2100	<i>J</i> 2110	SM 2120	<i>E</i> 2130	
1	<i>a/s</i> 2101	<i>S</i> 2111	TEL 2121	<i>Z</i> 2131	
2	<i>C</i> 2102	<i>L</i> 2112	TM 2122	<i>H</i> 2132	
3	<i>°C</i> 2103	<i>l</i> 2113	<i>V</i> 2123	<i>M</i> 2133	
4	<i>£</i> 2104	<i>tb</i> 2114	<i>Z</i> 2124	<i>o</i> 2134	
5	<i>%</i> 2105	<i>N</i> 2115	<i>z</i> 2125	<i>x</i> 2135	
6	<i>%u</i> 2106	<i>N<sub>o</sub></i> 2116	<i>Ω</i> 2126	<i>⌈</i> 2136	
7	<i>ε</i> 2107	<i>Ⓟ</i> 2117	<i>U</i> 2127	<i>λ</i> 2137	
8	<i>Ɖ</i> 2108	<i>Ⓠ</i> 2118	<i>3</i> 2128	<i>7</i> 2138	
9	<i>°F</i> 2109	<i>P</i> 2119	<i>ı</i> 2129	<i>i</i> 2139	
A	<i>g</i> 210A	<i>Q</i> 211A	<i>K</i> 212A	<i>o</i> 213A	
B	<i>H</i> 210B	<i>R</i> 211B	<i>Å</i> 212B		
C	<i>S</i> 210C	<i>R</i> 211C	<i>B</i> 212C		
D	<i>H</i> 210D	<i>R</i> 211D	<i>€</i> 212D		
E	<i>h</i> 210E	<i>R</i> 211E	<i>e</i> 212E		
F	<i>h</i> 210F	<i>Ŕ</i> 211F	<i>e</i> 212F		

**Letterlike symbols**

2100	‰	ACCOUNT OF ≈ 0061 a 002F / 0063 c	2116	№	NUMERO SIGN ≈ 004E N 006F o
2101	‱	ADDRESSED TO THE SUBJECT ≈ 0061 a 002F / 0073 s	2117	®	SOUND RECORDING COPYRIGHT = published = phonorecord sign → 00A9 © copyright sign
2102	ℂ	DOUBLE-STRUCK CAPITAL C = the set of complex numbers ≈ <font> 0043 C latin capital letter c	2118	℘	SCRIPT CAPITAL P = Weierstrass elliptic function • actually this has the form of a lowercase calligraphic p, despite its name
2103	°C	DEGREE CELSIUS = degrees Centigrade ≈ 00B0 ° 0043 C	2119	ℙ	DOUBLE-STRUCK CAPITAL P ≈ <font> 0050 P latin capital letter p
2104	℄	CENTRE LINE SYMBOL = clone	211A	ℚ	DOUBLE-STRUCK CAPITAL Q = the set of rational numbers ≈ <font> 0051 Q latin capital letter q
2105	‰	CARE OF ≈ 0063 c 002F / 006F o	211B	℞	SCRIPT CAPITAL R = Riemann Integral ≈ <font> 0052 R latin capital letter r
2106	‰	CADA UNA ≈ 0063 c 002F / 0075 u	211C	ℜ	BLACK-LETTER CAPITAL R = real part ≈ <font> 0052 R latin capital letter r
2107	ℰ	EULER CONSTANT → 0045 E latin capital letter e ≈ 0190 ℰ latin capital letter open e	211D	ℝ	DOUBLE-STRUCK CAPITAL R = the set of real numbers ≈ <font> 0052 R latin capital letter r
2108	ℊ	SCRUPLE	211E	℞	PRESCRIPTION TAKE = recipe = cross ratio
2109	°F	DEGREE FAHRENHEIT ≈ 00B0 ° 0046 F	211F	℞	RESPONSE
210A	g	SCRIPT SMALL G = real number symbol ≈ <font> 0067 g latin small letter g	2120	SM	SERVICE MARK ≈ <sup> 0053 S 004D M
210B	ℋ	SCRIPT CAPITAL H = Hamiltonian function ≈ <font> 0048 H latin capital letter h	2121	TEL	TELEPHONE SIGN ≈ 0054 T 0045 E 004C L
210C	ℋ	BLACK-LETTER CAPITAL H = Hilbert space ≈ <font> 0048 H latin capital letter h	2122	TM	TRADE MARK SIGN ≈ <sup> 0054 T 004D M
210D	H	DOUBLE-STRUCK CAPITAL H ≈ <font> 0048 H latin capital letter h	2123	℣	VERSICLE
210E	h	PLANCK CONSTANT ≈ <font> 0068 h latin small letter h	2124	Z	DOUBLE-STRUCK CAPITAL Z = the set of integers ≈ <font> 005A Z latin capital letter z
210F	ћ	PLANCK CONSTANT OVER TWO PI → 045B ћ cyrillic small letter tshe ≈ <font> 0127 ћ latin small letter h with stroke	2125	℥	OUNCE SIGN → 021D з latin small letter yogh
2110	ℐ	SCRIPT CAPITAL I ≈ <font> 0049 I latin capital letter i	2126	Ω	OHM SIGN = resistance ≡ 03A9 Ω greek capital letter omega
2111	ℑ	BLACK-LETTER CAPITAL I = imaginary part ≈ <font> 0049 I latin capital letter i	2127	∩	INVERTED OHM SIGN = MHO = conductance • typographically a turned greek capital letter omega → 01B1 ∩ latin capital letter upsilon → 03A9 Ω greek capital letter omega
2112	ℒ	SCRIPT CAPITAL L = Laplace symbol ≈ <font> 004C L latin capital letter l	2128	Ʒ	BLACK-LETTER CAPITAL Z ≈ <font> 005A Z latin capital letter z
2113	ℓ	SCRIPT SMALL L = liter (not an official SI recommendation) ≈ <font> 006C l latin small letter l	2129	ι	TURNED GREEK SMALL LETTER IOTA • unique element fulfilling a description (logic) → 03B9 ι greek small letter iota
2114	℔	L B BAR SYMBOL = pounds			
2115	N	DOUBLE-STRUCK CAPITAL N = natural number ≈ <font> 004E N latin capital letter n			

- 212A **K** KELVIN SIGN  
 ≡ 004B K latin capital letter k
- 212B **Å** ANGSTROM SIGN  
 ≡ 00C5 Å latin capital letter a with ring above
- 212C **ℬ** SCRIPT CAPITAL B  
 = Bernoulli function  
 ≈ <font> 0042 B latin capital letter b
- 212D **℄** BLACK-LETTER CAPITAL C  
 ≈ <font> 0043 C latin capital letter c
- 212E **e** ESTIMATED SYMBOL  
 • used in European packaging  
 → 0065 e latin small letter e
- 212F **e** SCRIPT SMALL E  
 = error  
 ≈ <font> 0065 e latin small letter e
- 2130 **ℰ** SCRIPT CAPITAL E  
 = EMF (Electro-Magnetic Force)  
 ≈ <font> 0045 E latin capital letter e
- 2131 **ℱ** SCRIPT CAPITAL F  
 = Fourier transform  
 ≈ <font> 0046 F latin capital letter f
- 2132 **ℋ** TURNED CAPITAL F  
 → 0046 F latin capital letter f
- 2133 **ℳ** SCRIPT CAPITAL M  
 = M-matrix (physics)  
 = German Mark (not the current Deutsche Mark)  
 ≈ <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 (left-to-right)

- 2135 **ℵ** ALEF SYMBOL  
 = first transfinite cardinal (countable)  
 ≈ 05D0 ℵ hebrew letter alef
- 2136 **ℶ** BET SYMBOL  
 = second transfinite cardinal (the continuum)  
 ≈ 05D1 ℶ hebrew letter bet
- 2137 **ℷ** GIMEL SYMBOL  
 = third transfinite cardinal (functions of a real variable)  
 ≈ 05D2 ℷ hebrew letter gimel
- 2138 **ℸ** DALET SYMBOL  
 = fourth transfinite cardinal  
 ≈ 05D3 ℸ hebrew letter dalet

### Additional letterlike symbols

- 2139 **i** INFORMATION SOURCE  
 • intended for use with 20DD©  
 ≈ <font> 0069 i latin small letter i
- 213A **Ⓞ** ROTATED CAPITAL Q  
 • a binding signature mark