



## Information technology — Universal Coded Character Set (UCS)

### AMENDMENT 1: Linear A, Palmyrene, Manichaean, Khojki, Khudawadi, Bassa Vah, Duployan, and other characters

*Technologies de l'information — Jeu universel de caractères codés (JUC)*

*AMENDEMENT 1: Caractères du Linéaire A, Palmyréniens, Manichéens, Khojki, Khudawadi, Bassa Vah, Duployé et autres*

ICS 35.040

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# Information technology — Universal Coded Character Set (UCS) —

## AMENDMENT 1: Linear A, Palmyrene, Manichaean, Khojki, Khudawadi, Bassa Vah, Duployan, and other characters

### Page 22, Sub-clause 16.3 Format characters

*Insert the following entry in the list of format characters:*

0605 ARABIC NUMBER MARK ABOVE  
1BC9D DUPLOYAN THICK LETTER SELECTOR  
1BCA0 SHORTHAND FORMAT LETTER OVERLAP  
1BCA1 SHORTHAND FORMAT CONTINUING OVERLAP  
1BCA2 SHORTHAND FORMAT DOWN STEP  
1BCA3 SHORTHAND FORMAT UP STEP

### Page 41, Clause 25 Named UCS Sequence Identifiers

*Replace the third paragraph starting with “The content linked to” and following list with the following text:*

The content linked to is a plain text file, using ISO/IEC 646-IRV characters with LINE FEED as end of line mark that specifies Named UCS Sequence Identifiers. Each line in the text file contains the following information organized in two fields:

- 1st field: Name of the NUSI (following the rules given in Clause 23.5)
- 2nd field: The USI associated with that Name (using a modified syntax for the USI, omitting commas and angle brackets)

The two fields are delimited by a SEMICOLON (;) followed optionally by zero or more SPACE characters. Comment lines, starting with a NUMBER SIGN (#) are informational only. Comment lines and blank lines in the text file should be ignored by any automatic process which parses the data file to extract the normative list of NUSIs.

*Provide a new reference file with format changes as specified above.*

*(The following text is identical to ISO/IEC 10646: 2012 but is linked to the new file)*

[Click on this highlighted text to access the reference file.](#)

### Page 48-2180 Clause 31, Code charts and list of character names

#### 1. Modifications to existing blocks

*Insert the additional character glyphs and names at the indicated positions in the blocks given below.*

*Plane 00*

*Greek and Coptic*  
*Armenian*  
*Arabic*  
*Arabic Extended-A*  
*Devanagari*  
*Telugu*  
*Kannada*  
*Malayalam*  
*Sinhala*  
*Limbu*  
*Combining Diacritical Marks Supplement*  
*Miscellaneous Technical*  
*Dingbats*  
*Miscellaneous Symbols and Arrows*  
*Supplemental Punctuation*  
*Cyrillic Extended-B*  
*Latin Extended-D*  
*Combining Half Marks*

*Plane 01*

*Old Italic*  
*Enclosed Alphanumeric Supplement*  
*Miscellaneous Symbols and Pictographs*  
*Emoticons*  
*Transport and Map Symbols*

*These blocks contain new characters and names at the following code points:*

037F 058D-058E 0605 08A1 08AD-08B1 08FF 0978 0C00 0C81 0D01 0DE6-0DEF 191D-191E  
 1DE7-1DF4 23F4-23FA 2700 2B4D-2B4F 2B5A-2B73 2B76-2B95 2B98-2BB9 2BBD-2BC8 2BCA-  
 2BD1 2E3C-2E42 A698-A69D A794-A795 A798-A79F FE27-FE2D 1031F 1F10B-1F10C 1F321-  
 1F32C 1F336 1F394-1F395 1F397 1F39C-1F39D 1F3F1-1F3F6 1F441 1F53E-1F53F 1F544-  
 1F54A 1F568-1F56A 1F56D-1F56F 1F571 1F577-1F578 1F57B 1F57D-1F57F 1F582-1F587  
 1F589-1F593 1F597-1F5A3 1F5A5-1F5BB 1F5BF-1F5C1 1F5C4-1F5D1 1F5D4-1F5DB 1F5F4-  
 1F5FA 1F641-1F642 1F6C8-1F6CA 1F6E0

*and updated graphic symbols at the following code points:*

21E6-21F0 21F3 2B00-2B0D 1F3C6 1F3CA 1F4D6 1F4EA-1F4ED 1F507-1F50A 1F68D 1F6B9-  
 1F6BB

**2. New blocks**

*Insert the following additional blocks.*

*Plane 00*

*Combining Diacritical Marks Extended*  
*Myanmar Extended-B*  
*Latin Extended-E*

*Plane 01*

*Coptic Epact Numbers*  
*Elbasan*

*Linear A*  
*Palmyrene*  
*Nabataean*  
*Old North Arabian*  
*Manichaean*  
*Sinhala Archaic Numbers*  
*Khojki*  
*Khudawadi*  
*Tirhuta*  
*Pau Cin Hau*  
*Mro*  
*Bassa Vah*  
*Duployan*  
*Shorthand Format Controls*  
*Ornamental Dingbats*  
*Geometric Shapes Extended*  
*Supplemental Arrows-C*

*These blocks add new characters and names at the following code points:*

1AB0-1ABE A9E0-A9E6 AB30-AB5F 102E0-102FB 10500-10527 10600-10736 10740-10755  
 10760-10767 10860-1087F 10880-1089E 108A7-108AF 10A80-10A9F 10AC0-10AE6 10AEB-  
 10AF6 111E1-111F4 11200-11211 11213-1123D 112B0-112EA 112F0-112F9 11480-114C7  
 114D0-114D9 11AC0-11AF8 16A40-16A5E 16A60-16A69 16A6E-16A6F 16AD0-16AED 16AF0-  
 16AF5 1BC00-1BC6A 1BC70-1BC7C 1BC80-1BC88 1BC90-1BC99 1BC9C-1BC9F 1BCA0-  
 1BCA3 1F650-1F67F 1F780-1F7D4 1F800-1F80B 1F810-1F847 1F850-1F859 1F860-1F887  
 1F890-1F8AD

## Page 2181, Annex A.1

*Add a “\*” (for fixed collection) for the following collections:*

16 DEVANAGARI  
 48 DINGBATS

## Page 2182, Annex A.1

*In the list of collection numbers and names, after*

162 MEETEI MAYEK EXTENSIONS

*insert new entries as follows:*

163 COMBINING DIACRITICAL MARKS EXTENDED	1AB0-1AFF
164 MYANMAR EXTENDED-B	A9E0-A9FF
165 LATIN EXTENDED-E	AB30-ABBF

*after*

1056 ARABIC MATHEMATICAL ALPHABETICAL SYMBOLS

*insert new entries as follows:*

1057 COPTIC EPACT NUMBERS	102E0-102FF
1058 ELBASAN	10500-1052F
1059 LINEAR A	10600-1077F

1060 PALMYRENE	10860-1087F *
1061 NABATAEAN	10880-108AF
1062 OLD NORTH ARABIAN	10A80-10A9F *
1063 MANICHAEAN	10ACO-10AFF
1064 SINHALA ARCHAIC NUMBERS	111E0-111FF
1065 KHOJKI	11200-1124F
1066 KHUDAWADI	112B0-112FF
1067 TIRHUTA	11480-114DF
1068 PAU CIN HAU	11ACO-11AFF
1069 MRO	16A40-16A6F
1070 BASSA VAH	16AD0-16AFF
1071 DUPLOYAN	1BC00-1BC9F
1072 SHORTHAND FORMAT CONTROLS	1BCA0-1BCAF
1073 ORNAMENTAL DINGBATS	1F650-1F67F *
1074 GEOMETRIC SHAPES EXTENDED	1F780-1F7FF
1075 SUPPLEMENTAL ARROWS-C	1F800-1F8FF

### Page 2185, annex A.1

*In the alphabetical list of keywords in Note 3, add collection “1075” to the entry “Arrows”, “1057” to the entry “Coptic”, “163” to the entry “Diacritical marks”, “1072” to the entry “Format”, “1074” to the entry “Geometric shapes”, “165” to the entry “Latin”, “164” to the entry “Myanmar”, “1064” to the entry “Sinhala”, and “1073” to the entry “Dingbats”.*

*In the alphabetical list of keywords in Note 3, insert the following entries:*

Bassa Vah	1070
Duployan	1071
Elbasan	1058
Khojki	1065
Khudawadi	1066
Linear A	1059
Manichaeen	1063
Mro	1069
Nabataean	1061
Old North Arabian	1062
Palmyrene	1060
Pau Cin Hau	1068
Tirhuta	1067

### Page 2186, Annex A.2.1

*In the list of blocks in the BMP, insert the following new entry:*

COMBINING DIACRITICAL MARKS	1AB0-1AFF
MYANMAR EXTENDED-B	A9E0-A9FF
LATIN EXTENDED-E	AB30-ABBF

### Page 2188, Annex A.2.2

*In the list of blocks in the SMP, insert the following new entries:*

COPTIC EPACT NUMBERS	102E0-102FF
ELBASAN	10500-1052F
LINEAR A	10600-1077F
PALMYRENE	10860-1087F
NABATAEAN	10880-108AF

OLD NORTH ARABIAN	10A80-10A9F
MANICHAEAN	10AC0-10AFF
SINHALA ARCHAIC NUMBERS	111E0-111FF
KHOJKI	11200-1124F
KHUDAWADI	112B0-112FF
TIRHUTA	11480-114DF
PAU CIN HAU	11AC0-11AFF
MRO	16A40-16A6F
BASSA VAH	16AD0-16AFF
DUPLOYAN	1BC00-1BC9F
SHORTHAND FORMAT CONTROLS	1BCA0-1BCAF
ORNAMENTAL DINGBATS	1F650-1F67F
GEOMETRIC SHAPES EXTENDED	1F780-1F7FF
SUPPLEMENTAL ARROWS-C	1F800-1F8FF

## Page 2211, Annex F Format characters

*Insert the new sub-clause after F.2.4*

### F.2.5 Duployan thick letter selector

**DUPLOYAN THICK LETTER SELECTOR (1BC9D):** This character causes the previous Duployan character to be rendered as a thick or bold variant.

*Insert the new sub-clauses after F.4*

### F.5 Supertending format character

The following character is used to supertend a sequence of subsequent characters:

0605 ARABIC NUMBER MARK ABOVE

The scope of this character is the subsequent sequence of Coptic Epact digits (102E1-102E9) and Coptic Epact numbers (102EA-102FB).

### F.6 Shorthand overlapping format characters

The use of overlapping letters to indicate abbreviations and initialisms is found in many shorthand systems. The following two characters are used to control such overlap.

**SHORTHAND FORMAT LETTER OVERLAP (1BCA0):** This character indicates a single letter overlap, with the text continuing to flow as if that overlapping character did not exist.

**SHORTHAND FORMAT CONTINUING OVERLAP (1BCA1):** This character indicates a continuing overlap where the text flow proceeds from the overlapping character.

### F.7 Shorthand down and up step format characters

In some shorthand systems certain set of word endings are indicated by letters following not in the default direction of text flow - to the right, but above or below the word. The following two characters are used to control such behaviours.

**SHORTHAND FORMAT DOWN STEP (1BCA2):** This character indicates that a following character should be rendered below the previous character, with any subsequent joined characters proceeding relative to the lowered glyph. . At word boundaries, this causes the next word (or stenographic period) to be lowered.

**SHORTHAND FORMAT UP STEP (1BCA3):** This character indicates that a following word (or stenographic period) to be raised.

**Page 1379, Annex G**

*Insert each of the new character name entries at the appropriate position, ordered alphabetically by the character name, in the list of character names in Annex G. These new names are provided in a machine-readable format that is accessible as a link to this document.*

[Click on this highlighted text to access the file containing the new names.](#)

*NOTE – The content is also available as a separate viewable file in the same file directory as this document. The file is named: “Am1names.txt”.*



	037	038	039	03A	03B	03C	03D	03E	03F
0	Ϝ 0370		ί 0390	Π 03A0	Ϛ 03B0	π 03C0	ϛ 03D0	ϣ 03E0	κ 03F0
1	ϝ 0371		Α 0391	Ρ 03A1	α 03B1	ρ 03C1	ϛ 03D1	ϣ 03E1	ϙ 03F1
2	Ϟ 0372		Β 0392		β 03B2	ς 03C2	Υ 03D2	Ω 03E2	Ϙ 03F2
3	ϟ 0373		Γ 0393	Σ 03A3	γ 03B3	σ 03C3	Ϛ 03D3	ω 03E3	ι 03F3
4	Ϡ 0374	Ϡ 0384	Δ 0394	Τ 03A4	δ 03B4	τ 03C4	Ϛ 03D4	ϣ 03E4	Θ 03F4
5	ϡ 0375	ϡ 0385	Ε 0395	Υ 03A5	ε 03B5	υ 03C5	ϕ 03D5	ϣ 03E5	€ 03F5
6	Ϣ 0376	Ά 0386	Ζ 0396	Φ 03A6	ζ 03B6	φ 03C6	ϖ 03D6	ϛ 03E6	ϛ 03F6
7	ϣ 0377	· 0387	Η 0397	Χ 03A7	η 03B7	χ 03C7	ϛ 03D7	ϛ 03E7	Ϟ 03F7
8		Έ 0388	Θ 0398	Ψ 03A8	θ 03B8	ψ 03C8	Ϟ 03D8	ϛ 03E8	ϛ 03F8
9		Ή 0389	Ι 0399	Ω 03A9	ι 03B9	ω 03C9	ϙ 03D9	ϛ 03E9	Ϙ 03F9
A	ϣ 037A	Ί 038A	Κ 039A	Ϊ 03AA	κ 03BA	ϊ 03CA	ϙ 03DA	ϛ 03EA	Μ 03FA
B	ϣ 037B		Λ 039B	Ϛ 03AB	λ 03BB	Ϛ 03CB	ς 03DB	ϛ 03EB	ϛ 03FB
C	ϣ 037C	Ό 038C	Μ 039C	ά 03AC	μ 03BC	ό 03CC	Ϝ 03DC	ϛ 03EC	ρ 03FC
D	ϣ 037D		Ν 039D	έ 03AD	ν 03BD	ύ 03CD	Ϝ 03DD	ϛ 03ED	ϣ 03FD
E	ϣ 037E	Ύ 038E	Ξ 039E	ή 03AE	ξ 03BE	ώ 03CE	ϛ 03DE	ϛ 03EE	ϣ 03FE
F	ϣ 037F	Ό 038F	Ο 039F	ί 03AF	ο 03BF	ϛ 03CF	ϛ 03DF	ϛ 03EF	ϣ 03FF

**Archaic letters**

- 0370 Η GREEK CAPITAL LETTER HETA  
→ 2C75 H latin capital letter half h
- 0371 η GREEK SMALL LETTER HETA  
→ 2C76 h latin small letter half h
- 0372 Ϝ GREEK CAPITAL LETTER ARCHAIC SAMPI
- 0373 ϝ GREEK SMALL LETTER ARCHAIC SAMPI

**Numeral signs**

- 0374 Ϟ GREEK NUMERAL SIGN  
= dexia keraia  
• indicates numeric use of letters  
→ 02CA Ϟ modifier letter acute accent  
≡ 02B9 Ϟ modifier letter prime
- 0375 ϟ GREEK LOWER NUMERAL SIGN  
= aristeri keraia  
• indicates numeric use of letters  
→ 02CF ϟ modifier letter low acute accent

**Archaic letters**

- 0376 Ϟ GREEK CAPITAL LETTER PAMPHYLIAN DIGAMMA
- 0377 ϟ GREEK SMALL LETTER PAMPHYLIAN DIGAMMA

**Iota subscript**

- 037A Ϡ GREEK YPOGEGRAMMENI  
= iota subscript  
→ 0345 Ϡ combining greek ypogegrammeni  
≈ 0020 Ϡ 0345 Ϡ

**Lowercase of editorial symbols**

- 037B ϡ GREEK SMALL REVERSED LUNATE SIGMA SYMBOL
- 037C Ϣ GREEK SMALL DOTTED LUNATE SIGMA SYMBOL
- 037D ϣ GREEK SMALL REVERSED DOTTED LUNATE SIGMA SYMBOL

**Punctuation**

- 037E Ϥ GREEK QUESTION MARK  
= erotimatiko  
• sentence-final punctuation  
• 003B Ϥ is the preferred character  
→ 003F Ϥ question mark  
≡ 003B Ϥ semicolon

**Additional letter**

- 037F ϥ GREEK CAPITAL LETTER YOT  
• lowercase is 03F3 j

**Spacing accent marks**

- 0384 Ϧ GREEK TONOS  
→ 00B4 Ϧ acute accent  
→ 030D Ϧ combining vertical line above  
≈ 0020 Ϧ 0301 Ϧ
- 0385 ϧ GREEK DIALYTIKA TONOS  
≡ 00A8 ϧ 0301 Ϧ

**Letter**

- 0386 Ϟ GREEK CAPITAL LETTER ALPHA WITH TONOS  
≡ 0391 Ϟ 0301 Ϧ

**Punctuation**

- 0387 ϟ GREEK ANO TELEIA  
• functions in Greek like a semicolon  
• 00B7 ϟ is the preferred character  
≡ 00B7 ϟ middle dot

**Letters**

- 0388 ϟ GREEK CAPITAL LETTER EPSILON WITH TONOS  
≡ 0395 ϟ 0301 Ϧ
- 0389 Ϡ GREEK CAPITAL LETTER ETA WITH TONOS  
≡ 0397 Ϡ 0301 Ϧ
- 038A ϡ GREEK CAPITAL LETTER IOTA WITH TONOS  
≡ 0399 ϡ 0301 Ϧ
- 038B Ϣ <reserved>
- 038C ϣ GREEK CAPITAL LETTER OMICRON WITH TONOS  
≡ 039F ϣ 0301 Ϧ
- 038D ϣ <reserved>
- 038E Ϥ GREEK CAPITAL LETTER UPSILON WITH TONOS  
≡ 03A5 Ϥ 0301 Ϧ
- 038F ϥ GREEK CAPITAL LETTER OMEGA WITH TONOS  
≡ 03A9 ϥ 0301 Ϧ
- 0390 Ϧ GREEK SMALL LETTER IOTA WITH DIALYTIKA AND TONOS  
≡ 03CA Ϧ 0301 Ϧ
- 0391 Ϟ GREEK CAPITAL LETTER ALPHA
- 0392 ϟ GREEK CAPITAL LETTER BETA
- 0393 ϟ GREEK CAPITAL LETTER GAMMA  
= gamma function  
→ 213E ϟ double-struck capital gamma
- 0394 Ϡ GREEK CAPITAL LETTER DELTA  
→ 2206 Ϡ increment
- 0395 ϡ GREEK CAPITAL LETTER EPSILON
- 0396 Ϣ GREEK CAPITAL LETTER ZETA
- 0397 ϣ GREEK CAPITAL LETTER ETA
- 0398 ϣ GREEK CAPITAL LETTER THETA
- 0399 ϥ GREEK CAPITAL LETTER IOTA  
= iota adscript
- 039A ϥ GREEK CAPITAL LETTER KAPPA
- 039B Ϧ GREEK CAPITAL LETTER LAMDA
- 039C Ϧ GREEK CAPITAL LETTER MU
- 039D ϧ GREEK CAPITAL LETTER NU
- 039E ϧ GREEK CAPITAL LETTER XI
- 039F ϣ GREEK CAPITAL LETTER OMICRON
- 03A0 Ϟ GREEK CAPITAL LETTER PI  
→ 213F Ϟ double-struck capital pi  
→ 220F Ϟ n-ary product
- 03A1 Ϟ GREEK CAPITAL LETTER RHO
- 03A2 ϣ <reserved>
- 03A3 ϟ GREEK CAPITAL LETTER SIGMA  
→ 01A9 ϟ latin capital letter esh  
→ 2211 ϟ n-ary summation
- 03A4 ϟ GREEK CAPITAL LETTER TAU
- 03A5 Ϥ GREEK CAPITAL LETTER UPSILON
- 03A6 ϥ GREEK CAPITAL LETTER PHI
- 03A7 Ϧ GREEK CAPITAL LETTER CHI
- 03A8 ϧ GREEK CAPITAL LETTER PSI
- 03A9 ϥ GREEK CAPITAL LETTER OMEGA  
→ 2126 ϥ ohm sign  
→ 2127 ϥ inverted ohm sign
- 03AA Ϧ GREEK CAPITAL LETTER IOTA WITH DIALYTIKA  
≡ 0399 Ϧ 0308 Ϧ
- 03AB Ϥ GREEK CAPITAL LETTER UPSILON WITH DIALYTIKA  
≡ 03A5 Ϥ 0308 Ϧ
- 03AC ϟ GREEK SMALL LETTER ALPHA WITH TONOS  
≡ 03B1 ϟ 0301 Ϧ

03AD

Greek and Coptic

03DE

03AD	έ	GREEK SMALL LETTER EPSILON WITH TONOS ≡ 03B5 ε 0301 ó
03AE	ή	GREEK SMALL LETTER ETA WITH TONOS ≡ 03B7 η 0301 ó
03AF	ί	GREEK SMALL LETTER IOTA WITH TONOS ≡ 03B9 ι 0301 ó
03B0	ύ	GREEK SMALL LETTER UPSILON WITH DIALYTIKA AND TONOS ≡ 03CB ü 0301 ó
03B1	α	GREEK SMALL LETTER ALPHA → 0251 α latin small letter alpha → 221D ∝ proportional to
03B2	β	GREEK SMALL LETTER BETA → 00DF ß latin small letter sharp s → 0180 b latin small letter b with stroke
03B3	γ	GREEK SMALL LETTER GAMMA → 0263 γ latin small letter gamma → 213D γ double-struck small gamma
03B4	δ	GREEK SMALL LETTER DELTA
03B5	ε	GREEK SMALL LETTER EPSILON → 025B ε latin small letter open e
03B6	ζ	GREEK SMALL LETTER ZETA
03B7	η	GREEK SMALL LETTER ETA
03B8	θ	GREEK SMALL LETTER THETA → 0275 ø latin small letter barred o → 0473 ø cyrillic small letter fita
03B9	ι	GREEK SMALL LETTER IOTA → 0269 ι latin small letter iota → 2129 ι turned greek small letter iota
03BA	κ	GREEK SMALL LETTER KAPPA
03BB	λ	GREEK SMALL LETTER LAMDA = lambda
03BC	μ	GREEK SMALL LETTER MU → 00B5 μ micro sign
03BD	ν	GREEK SMALL LETTER NU
03BE	ξ	GREEK SMALL LETTER XI
03BF	ο	GREEK SMALL LETTER OMICRON
03C0	π	GREEK SMALL LETTER PI • math constant 3.141592...
03C1	ρ	GREEK SMALL LETTER RHO
03C2	ς	GREEK SMALL LETTER FINAL SIGMA = stigma (the Modern Greek name for this letterform) • not to be confused with the actual stigma letter → 03DB Ϸ greek small letter stigma
03C3	σ	GREEK SMALL LETTER SIGMA • used symbolically with a numeric value 200
03C4	τ	GREEK SMALL LETTER TAU
03C5	υ	GREEK SMALL LETTER UPSILON → 028A υ latin small letter upsilon → 028B υ latin small letter v with hook
03C6	φ	GREEK SMALL LETTER PHI → 0278 φ latin small letter phi → 03D5 ϕ greek phi symbol • the ordinary Greek letter, showing considerable glyph variation • in mathematical contexts, the loopy glyph is preferred, to contrast with 03D5 ϕ
03C7	χ	GREEK SMALL LETTER CHI
03C8	ψ	GREEK SMALL LETTER PSI
03C9	ω	GREEK SMALL LETTER OMEGA

03CA	ϊ	GREEK SMALL LETTER IOTA WITH DIALYTIKA ≡ 03B9 ι 0308 ö
03CB	ϋ	GREEK SMALL LETTER UPSILON WITH DIALYTIKA ≡ 03C5 υ 0308 ö
03CC	ό	GREEK SMALL LETTER OMICRON WITH TONOS ≡ 03BF ο 0301 ó
03CD	ύ	GREEK SMALL LETTER UPSILON WITH TONOS ≡ 03C5 υ 0301 ó
03CE	ώ	GREEK SMALL LETTER OMEGA WITH TONOS ≡ 03C9 ω 0301 ó


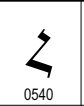







**Variant letterforms**

03CF	Ϸ	GREEK CAPITAL KAI SYMBOL → 03D7 Ϸ greek kai symbol
03D0	ϸ	GREEK BETA SYMBOL = curled beta ≈ 03B2 β greek small letter beta
03D1	Ϲ	GREEK THETA SYMBOL = script theta • used as a technical symbol ≈ 03B8 θ greek small letter theta
03D2	Ϻ	GREEK UPSILON WITH HOOK SYMBOL ≈ 03A5 Υ greek capital letter upsilon
03D3	ϻ	GREEK UPSILON WITH ACUTE AND HOOK SYMBOL ≡ 03D2 Ϻ 0301 ó
03D4	ϼ	GREEK UPSILON WITH DIAERESIS AND HOOK SYMBOL ≡ 03D2 Ϻ 0308 ö
03D5	ϕ	GREEK PHI SYMBOL • used as a technical symbol, with a stroked glyph • maps to "phi1" symbol entities ≈ 03C6 ϕ greek small letter phi
03D6	Ϸ	GREEK PI SYMBOL = omega pi • used as a technical symbol • a variant of pi, looking like omega ≈ 03C0 π greek small letter pi
03D7	ϸ	GREEK KAI SYMBOL • used as an ampersand → 2CE4 Ϸ coptic symbol kai

**Archaic letters**

03D8	Ϲ	GREEK LETTER ARCHAIC KOPPA
03D9	Ϻ	GREEK SMALL LETTER ARCHAIC KOPPA • the Q-shaped archaic koppas are the ordinary alphabetic letters and can also be used as symbols with a numeric value of 90 in classical and pre-classical texts
03DA	ϻ	GREEK LETTER STIGMA • apparently in origin a cursive form of digamma • the name "stigma" originally applied to a medieval sigma-tau ligature, whose shape was confusably similar to the cursive digamma • used as a symbol with a numeric value of 6 → 2185 ϻ roman numeral six late form
03DB	Ϸ	GREEK SMALL LETTER STIGMA → 03C2 Ϸ greek small letter final sigma
03DC	Ϻ	GREEK LETTER DIGAMMA
03DD	ϻ	GREEK SMALL LETTER DIGAMMA • used as a symbol with a numeric value of 6
03DE	Ϲ	GREEK LETTER KOPPA



	053	054	055	056	057	058
0		Հ 0540	Ր 0550		Հ 0570	Ր 0580
1	Ա 0531	Զ 0541	Յ 0551	Մ 0561	Ճ 0571	Գ 0581
2	Բ 0532	Ղ 0542	Ի 0552	Բ 0562	Ղ 0572	Լ 0582
3	Գ 0533	Ճ 0543	Փ 0553	Գ 0563	Ճ 0573	Փ 0583
4	Դ 0534	Մ 0544	Ք 0554	Դ 0564	Մ 0574	Ք 0584
5	Ե 0535	Յ 0545	Օ 0555	Ե 0565	Յ 0575	Օ 0585
6	Զ 0536	Ն 0546	Ծ 0556	Զ 0566	Ն 0576	Ծ 0586
7	Է 0537	Շ 0547		Է 0567	Ղ 0577	Լ 0587
8	Ը 0538	Ո 0548		Ը 0568	Ո 0578	
9	Թ 0539	Չ 0549	Ս 0559	Թ 0569	Չ 0579	Ս 0589
A	Ժ 053A	Պ 054A	Վ 055A	Ժ 056A	Պ 057A	Վ 058A
B	Ի 053B	Ջ 054B	Վ 055B	Ի 056B	Ջ 057B	
C	Լ 053C	Դ 054C	Ս 055C	Լ 056C	Դ 057C	
D	Խ 053D	Ս 054D	Վ 055D	Խ 056D	Ս 057D	 058D
E	Ծ 053E	Վ 054E	Ս 055E	Ծ 056E	Վ 057E	 058E
F	Կ 053F	Տ 054F	Վ 055F	Կ 056F	Տ 057F	Տ 058F

**Uppercase letters**

0531	Ա	ARMENIAN CAPITAL LETTER AYB
0532	Բ	ARMENIAN CAPITAL LETTER BEN
0533	Գ	ARMENIAN CAPITAL LETTER GIM
0534	Դ	ARMENIAN CAPITAL LETTER DA
0535	Ե	ARMENIAN CAPITAL LETTER ECH
0536	Զ	ARMENIAN CAPITAL LETTER ZA
0537	Է	ARMENIAN CAPITAL LETTER EH
0538	Ը	ARMENIAN CAPITAL LETTER ET
0539	Թ	ARMENIAN CAPITAL LETTER TO
053A	Ճ	ARMENIAN CAPITAL LETTER ZHE
053B	Ի	ARMENIAN CAPITAL LETTER INI
053C	Լ	ARMENIAN CAPITAL LETTER LIWN
053D	Խ	ARMENIAN CAPITAL LETTER XEH
053E	Վ	ARMENIAN CAPITAL LETTER CA
053F	Կ	ARMENIAN CAPITAL LETTER KEN
0540	Հ	ARMENIAN CAPITAL LETTER HO
0541	Ջ	ARMENIAN CAPITAL LETTER JA
0542	Ղ	ARMENIAN CAPITAL LETTER GHAD
0543	Ճ	ARMENIAN CAPITAL LETTER CHEH
0544	Մ	ARMENIAN CAPITAL LETTER MEN
0545	Ի	ARMENIAN CAPITAL LETTER YI
0546	Ն	ARMENIAN CAPITAL LETTER NOW
0547	Շ	ARMENIAN CAPITAL LETTER SHA
0548	Ո	ARMENIAN CAPITAL LETTER VO
0549	Չ	ARMENIAN CAPITAL LETTER CHA
054A	Պ	ARMENIAN CAPITAL LETTER PEH
054B	Ջ	ARMENIAN CAPITAL LETTER JHEH
054C	Ռ	ARMENIAN CAPITAL LETTER RA
054D	Ս	ARMENIAN CAPITAL LETTER SEH
054E	Վ	ARMENIAN CAPITAL LETTER VEV
054F	Տ	ARMENIAN CAPITAL LETTER TIWN
0550	Ր	ARMENIAN CAPITAL LETTER REH
0551	Թ	ARMENIAN CAPITAL LETTER CO
0552	Ի	ARMENIAN CAPITAL LETTER YIWN
0553	Փ	ARMENIAN CAPITAL LETTER PIWR
0554	Ք	ARMENIAN CAPITAL LETTER KEH
0555	Օ	ARMENIAN CAPITAL LETTER OH
0556	Ֆ	ARMENIAN CAPITAL LETTER FEH

**Modifier letters**

0559	՝	ARMENIAN MODIFIER LETTER LEFT HALF RING → 02BD ՝ modifier letter reversed comma → 02BF ՝ modifier letter left half ring → 0314 ֿ combining reversed comma above
055A	՛	ARMENIAN APOSTROPHE = armenian modifier letter right half ring (1.0) → 02BC ՛ modifier letter apostrophe → 02BE ՛ modifier letter right half ring → 0313 ֿ combining comma above
055B	՛	ARMENIAN EMPHASIS MARK = shesht → 02CA ՛ modifier letter acute accent
055C	~	ARMENIAN EXCLAMATION MARK = batsaganchakan nshan
055D	՛	ARMENIAN COMMA = bowt → 02CB ՛ modifier letter grave accent
055E	՞	ARMENIAN QUESTION MARK = hartsakan nshan
055F	՛	ARMENIAN ABBREVIATION MARK = patiw

**Lowercase letters**

0561	ա	ARMENIAN SMALL LETTER AYB
0562	բ	ARMENIAN SMALL LETTER BEN
0563	գ	ARMENIAN SMALL LETTER GIM
0564	դ	ARMENIAN SMALL LETTER DA
0565	ե	ARMENIAN SMALL LETTER ECH
0566	զ	ARMENIAN SMALL LETTER ZA
0567	է	ARMENIAN SMALL LETTER EH
0568	ը	ARMENIAN SMALL LETTER ET
0569	թ	ARMENIAN SMALL LETTER TO
056A	ճ	ARMENIAN SMALL LETTER ZHE
056B	ի	ARMENIAN SMALL LETTER INI
056C	լ	ARMENIAN SMALL LETTER LIWN
056D	խ	ARMENIAN SMALL LETTER XEH
056E	վ	ARMENIAN SMALL LETTER CA
056F	կ	ARMENIAN SMALL LETTER KEN
0570	հ	ARMENIAN SMALL LETTER HO
0571	ձ	ARMENIAN SMALL LETTER JA
0572	ղ	ARMENIAN SMALL LETTER GHAD
0573	ճ	ARMENIAN SMALL LETTER CHEH
0574	մ	ARMENIAN SMALL LETTER MEN
0575	յ	ARMENIAN SMALL LETTER YI
0576	ն	ARMENIAN SMALL LETTER NOW
0577	շ	ARMENIAN SMALL LETTER SHA
0578	ո	ARMENIAN SMALL LETTER VO
0579	չ	ARMENIAN SMALL LETTER CHA
057A	պ	ARMENIAN SMALL LETTER PEH
057B	Ջ	ARMENIAN SMALL LETTER JHEH
057C	ր	ARMENIAN SMALL LETTER RA
057D	ս	ARMENIAN SMALL LETTER SEH
057E	վ	ARMENIAN SMALL LETTER VEV
057F	տ	ARMENIAN SMALL LETTER TIWN
0580	ր	ARMENIAN SMALL LETTER REH
0581	ց	ARMENIAN SMALL LETTER CO
0582	ւ	ARMENIAN SMALL LETTER YIWN
0583	փ	ARMENIAN SMALL LETTER PIWR
0584	ք	ARMENIAN SMALL LETTER KEH
0585	օ	ARMENIAN SMALL LETTER OH
0586	ֆ	ARMENIAN SMALL LETTER FEH
0587	և	ARMENIAN SMALL LIGATURE ECH YIWN ≈ 0565 ե 0582 լ

**Punctuation**

0589	:	ARMENIAN FULL STOP = vertsaket • may also be used for historic Georgian texts → 003A : colon
058A	–	ARMENIAN HYPHEN = yentamna

**Religious symbols**

058D	☩	RIGHT-FACING ARMENIAN ETERNITY SIGN
058E	☪	LEFT-FACING ARMENIAN ETERNITY SIGN • maps to AST 34.005:1997

**Currency symbol**

058F	֏	ARMENIAN DRAM SIGN
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	060	061	062	063	064	065	066	067	068	069	06A	06B	06C	06D	06E	06F
0																
1																
2																
3																
4																
5																
6																
7																
8																
9																
A																
B																
C																
D																
E																
F																

**Subtending marks**

0600	☐	ARABIC NUMBER SIGN
0601	☐	ARABIC SIGN SANAH
0602	☐	ARABIC FOOTNOTE MARKER
0603	☐	ARABIC SIGN SAFHA
0604	☐	ARABIC SIGN SAMVAT

- used for writing Samvat era dates in Urdu

**Supertending mark**

0605	☐	ARABIC NUMBER MARK ABOVE
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- may be used with Coptic Epact numbers

**Radix symbols**

0606	∛	ARABIC-INDIC CUBE ROOT
		→ 221B ∛ cube root
0607	∜	ARABIC-INDIC FOURTH ROOT
		→ 221C ∜ fourth root

**Letterlike symbol**

0608	ﺀ	ARABIC RAY
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**Punctuation**

0609	‰	ARABIC-INDIC PER MILLE SIGN
		→ 2030 ‰ per mille sign
060A	‱	ARABIC-INDIC PER TEN THOUSAND SIGN
		→ 2031 ‱ per ten thousand sign

**Currency sign**

060B	؄	AFGHANI SIGN
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**Punctuation**

060C	٫	ARABIC COMMA
		• also used with Thaana and Syriac in modern text
		→ 002C ٫ comma
		→ 2E32 ٫ turned comma
060D	٫	ARABIC DATE SEPARATOR

**Poetic marks**

060E	ﻋ	ARABIC POETIC VERSE SIGN
060F	ﻋ	ARABIC SIGN MISRA

**Honorifics**

0610	ﻋ	ARABIC SIGN SALLALLAHOU ALAYHE WASSALLAM
		• represents sallallahu alayhe wasallam “may God’s peace and blessings be upon him”
0611	ﻋ	ARABIC SIGN ALAYHE ASSALLAM
		• represents alayhe assalam “upon him be peace”
0612	ﻋ	ARABIC SIGN RAHMATULLAH ALAYHE
		• represents rahmatullah alayhe “may God have mercy upon him”
0613	ﻋ	ARABIC SIGN RADI ALLAHOU ANHU
		• represents radi allahu ‘anhu “may God be pleased with him”
0614	ﻋ	ARABIC SIGN TAKHALLUS
		• sign placed over the name or nom-de-plume of a poet, or in some writings used to mark all proper names

**Koranic annotation sign**

0615	ﻋ	ARABIC SMALL HIGH TAH
		• marks a recommended pause position in some Korans published in Iran and Pakistan
		• should not be confused with the small TAH sign used as a diacritic for some letters such as 0679 ﺕ

**Extended Arabic mark**

0616	ﻋ	ARABIC SMALL HIGH LIGATURE ALEF WITH LAM WITH YEHE
		• early Persian

**Koranic annotation signs**

0617	ﻋ	ARABIC SMALL HIGH ZAIN
0618	ﻋ	ARABIC SMALL FATHA
		• should not be confused with 064E ﻋ FATHA
0619	ﻋ	ARABIC SMALL DAMMA
		• should not be confused with 064F ﻋ DAMMA
061A	ﻋ	ARABIC SMALL KASRA
		• should not be confused with 0650 ﻋ KASRA

**Punctuation**

061B	ﻋ	ARABIC SEMICOLON
		• also used with Thaana and Syriac in modern text
		→ 003B ﻋ semicolon
		→ 2E35 ﻋ turned semicolon
061C	☐	<reserved>
061D	☐	<reserved>
061E	⋯	ARABIC TRIPLE DOT PUNCTUATION MARK
061F	ﻋ	ARABIC QUESTION MARK
		• also used with Thaana and Syriac in modern text
		→ 003F ﻋ question mark
		→ 2E2E ﻋ reversed question mark

**Addition for Kashmiri**

0620	ﻋ	ARABIC LETTER KASHMIRI YEHE
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**Based on ISO 8859-6**

Arabic letter names follow romanization conventions derived from ISO 8859-6. These differ from the Literary Arabic pronunciation of the letter names. For example, U+0628 ARABIC LETTER BEH has a Literary Arabic pronunciation of *ba*.

0621	ﺀ	ARABIC LETTER HAMZA
		→ 02BE ʾ modifier letter right half ring
0622	ﺀ	ARABIC LETTER ALEF WITH MADDA ABOVE
		≡ 0627 <sup>1</sup> 0653 ﻋ
0623	ﺀ	ARABIC LETTER ALEF WITH HAMZA ABOVE
		≡ 0627 <sup>1</sup> 0654 ﻋ
0624	ﺀ	ARABIC LETTER WAW WITH HAMZA ABOVE
		≡ 0648 ﺀ 0654 ﻋ
0625	ﺀ	ARABIC LETTER ALEF WITH HAMZA BELOW
		≡ 0627 <sup>1</sup> 0655 ﻋ
0626	ﺀ	ARABIC LETTER YEHE WITH HAMZA ABOVE
		≡ 064A ﻋ 0654 ﻋ
0627	ﺀ	ARABIC LETTER ALEF
0628	ﺀ	ARABIC LETTER BEH
0629	ﺀ	ARABIC LETTER TEH MARBUTA
062A	ﺀ	ARABIC LETTER TEH
062B	ﺀ	ARABIC LETTER THEH
062C	ﺀ	ARABIC LETTER JEEM
062D	ﺀ	ARABIC LETTER HAH
062E	ﺀ	ARABIC LETTER KHAH
062F	ﺀ	ARABIC LETTER DAL
0630	ﺀ	ARABIC LETTER THAL
0631	ﺀ	ARABIC LETTER REH
0632	ﺀ	ARABIC LETTER ZAIN
0633	ﺀ	ARABIC LETTER SEEN
0634	ﺀ	ARABIC LETTER SHEEN



0635

Arabic

0670

0635 ص ARABIC LETTER SAD  
 0636 ض ARABIC LETTER DAD  
 0637 ط ARABIC LETTER TAH  
 0638 ظ ARABIC LETTER ZAH  
 0639 ع ARABIC LETTER AIN

→ 01B9 ع latin small letter ezh reversed

→ 02BF ء modifier letter left half ring

063A غ ARABIC LETTER GHAIN

**Additions for early Persian and Azerbaijani**

063B ك ARABIC LETTER KEHEH WITH TWO DOTS ABOVE  
 063C كپ ARABIC LETTER KEHEH WITH THREE DOTS BELOW  
 063D ئ ARABIC LETTER FARSI YEH WITH INVERTED V  
 • Azerbaijani  
 063E ئي ARABIC LETTER FARSI YEH WITH TWO DOTS ABOVE  
 063F ئى ARABIC LETTER FARSI YEH WITH THREE DOTS ABOVE

**Based on ISO 8859-6**

0640 - ARABIC TATWEEL  
 = kashida  
 • inserted to stretch characters  
 • also used with Syriac  
 0641 ف ARABIC LETTER FEH  
 0642 ق ARABIC LETTER QAF  
 0643 ك ARABIC LETTER KAF  
 0644 ل ARABIC LETTER LAM  
 0645 م ARABIC LETTER MEEM  
 0646 ن ARABIC LETTER NOON  
 0647 ه ARABIC LETTER HEH  
 0648 و ARABIC LETTER WAW  
 0649 ي ARABIC LETTER ALEF MAKSURA  
 • represents YEH-shaped letter with no dots in any positional form  
 • not intended for use in combination with 0654 َ  
 → 0626 ئي arabic letter yeh with hamza above  
 064A ي ARABIC LETTER YEH  
 • loses its dots when used in combination with 0654 َ  
 • retains its dots when used in combination with other combining marks

**Points from ISO 8859-6**

064B ٲ ARABIC FATHATAN  
 064C ٳ ARABIC DAMMATAN  
 064D ٴ ARABIC KASRATAN  
 064E ٶ ARABIC FATHA  
 064F ٷ ARABIC DAMMA  
 0650 ٸ ARABIC KASRA  
 0651 ٺ ARABIC SHADDA  
 0652 ٽ ARABIC SUKUN  
 • marks absence of a vowel after the base consonant  
 • used in some Korans to mark a long vowel as ignored  
 • can have a variety of shapes, including a circular one and a shape that looks like 'و'  
 → 06E1 ٲ arabic small high dotless head of khah

**Combining maddah and hamza**

0653 ٲ ARABIC MADDAH ABOVE

0654 ٲ ARABIC HAMZA ABOVE  
 • not restricted to hamza semantics  
 • may also occur as a diacritic forming new letters

0655 ٳ ARABIC HAMZA BELOW

**Other combining marks**

0656 ٴ ARABIC SUBSCRIPT ALEF  
 0657 ٵ ARABIC INVERTED DAMMA  
 = ulfa pesh  
 • Kashmiri, Urdu  
 0658 ٶ ARABIC MARK NOON GHUNNA  
 • Baluchi  
 • indicates nasalization in Urdu  
 0659 ٷ ARABIC ZWARAKAY  
 • Pashto  
 065A ٸ ARABIC VOWEL SIGN SMALL V ABOVE  
 • African languages  
 065B ٹ ARABIC VOWEL SIGN INVERTED SMALL V ABOVE  
 • African languages  
 065C ٺ ARABIC VOWEL SIGN DOT BELOW  
 • African languages  
 065D ٻ ARABIC REVERSED DAMMA  
 • Ormuri, African languages  
 065E ټ ARABIC FATHA WITH TWO DOTS  
 • Kalami  
 065F ٽ ARABIC WAVY HAMZA BELOW  
 • Kashmiri

**Arabic-Indic digits**

*These digits are used with Arabic proper; for languages of Iran, Pakistan, and India, see the Eastern Arabic-Indic digits at 06F0..06F9.*

0660 ٠ ARABIC-INDIC DIGIT ZERO  
 0661 ١ ARABIC-INDIC DIGIT ONE  
 0662 ٢ ARABIC-INDIC DIGIT TWO  
 0663 ٣ ARABIC-INDIC DIGIT THREE  
 0664 ٤ ARABIC-INDIC DIGIT FOUR  
 0665 ٥ ARABIC-INDIC DIGIT FIVE  
 0666 ٦ ARABIC-INDIC DIGIT SIX  
 0667 ٧ ARABIC-INDIC DIGIT SEVEN  
 0668 ٨ ARABIC-INDIC DIGIT EIGHT  
 0669 ٩ ARABIC-INDIC DIGIT NINE

**Punctuation**

066A ٪ ARABIC PERCENT SIGN  
 → 0025 % percent sign  
 066B ٫ ARABIC DECIMAL SEPARATOR  
 066C ٫ ARABIC THOUSANDS SEPARATOR  
 → 0027 ' apostrophe  
 → 2019 ’ right single quotation mark  
 066D \* ARABIC FIVE POINTED STAR  
 • appearance rather variable  
 → 002A \* asterisk

**Archaic letters**

066E ٲ ARABIC LETTER DOTLESS BEH  
 066F ٳ ARABIC LETTER DOTLESS QAF

**Point**

0670 ٲ ARABIC LETTER SUPERSCRIPIT ALEF  
 • actually a vowel sign, despite the name

0671

Arabic

06A2

**Extended Arabic letters**

- 0671 ا ARABIC LETTER ALEF WASLA  
• Koranic Arabic
- 0672 آ ARABIC LETTER ALEF WITH WAVY HAMZA ABOVE  
• Baluchi, Kashmiri

**Deprecated letter**

- 0673 آ ARABIC LETTER ALEF WITH WAVY HAMZA BELOW  
• Kashmiri  
• this character is deprecated and its use is strongly discouraged  
• use the sequence 0627 ا 065F ٓ instead

**Extended Arabic letters**

- 0674 ٲ ARABIC LETTER HIGH HAMZA  
• Kazakh  
• forms digraphs
- 0675 ٱ ARABIC LETTER HIGH HAMZA ALEF  
• Kazakh  
≈ 0627 ا 0674 ٲ
- 0676 ٴ ARABIC LETTER HIGH HAMZA WAW  
• Kazakh  
≈ 0648 و 0674 ٴ
- 0677 ٷ ARABIC LETTER U WITH HAMZA ABOVE  
• Kazakh  
≈ 06C7 ٷ 0674 ٴ
- 0678 ٸ ARABIC LETTER HIGH HAMZA YEH  
• Kazakh  
≈ 064A ي 0674 ٴ
- 0679 ٺ ARABIC LETTER TTEH  
• Urdu
- 067A ٻ ARABIC LETTER TTEHEH  
• Sindhi
- 067B ټ ARABIC LETTER BEEH  
• Sindhi
- 067C ٽ ARABIC LETTER TEH WITH RING  
• Pashto
- 067D ٿ ARABIC LETTER TEH WITH THREE DOTS ABOVE DOWNWARDS  
• Sindhi
- 067E ٺ ARABIC LETTER PEH  
• Persian, Urdu, ...
- 067F ٿ ARABIC LETTER TEHEH  
• Sindhi
- 0680 ٺ ARABIC LETTER BEHEH  
• Sindhi
- 0681 ځ ARABIC LETTER HAH WITH HAMZA ABOVE  
• Pashto letter "dze"
- 0682 ځ ARABIC LETTER HAH WITH TWO DOTS VERTICAL ABOVE  
• not used in modern Pashto
- 0683 ڄ ARABIC LETTER NYEH  
• Sindhi
- 0684 ڄ ARABIC LETTER DYEH  
• Sindhi
- 0685 څ ARABIC LETTER HAH WITH THREE DOTS ABOVE  
• Pashto, Khwarazmian
- 0686 ڇ ARABIC LETTER TCHEH  
• Persian, Urdu, ...
- 0687 ڇ ARABIC LETTER TCHEHEH  
• Sindhi

- 0688 ڏ ARABIC LETTER DDAL  
• Urdu
- 0689 ڍ ARABIC LETTER DAL WITH RING  
• Pashto
- 068A ڏ ARABIC LETTER DAL WITH DOT BELOW  
• Sindhi, early Persian
- 068B ڏ ARABIC LETTER DAL WITH DOT BELOW AND SMALL TAH  
• Lahnda
- 068C ڍ ARABIC LETTER DAHAL  
• Sindhi
- 068D ڍ ARABIC LETTER DDAHAL  
• Sindhi
- 068E ڍ ARABIC LETTER DUL  
• older shape for DUL, now obsolete in Sindhi  
• Burushaski
- 068F ڍ ARABIC LETTER DAL WITH THREE DOTS ABOVE DOWNWARDS  
• Sindhi  
• current shape used for DUL
- 0690 ڍ ARABIC LETTER DAL WITH FOUR DOTS ABOVE  
• old Urdu, not in current use
- 0691 ڙ ARABIC LETTER RREH  
• Urdu
- 0692 ڙ ARABIC LETTER REH WITH SMALL V  
• Kurdish
- 0693 ڙ ARABIC LETTER REH WITH RING  
• Pashto
- 0694 ڙ ARABIC LETTER REH WITH DOT BELOW  
• Kurdish, early Persian
- 0695 ڙ ARABIC LETTER REH WITH SMALL V BELOW  
• Kurdish
- 0696 ڙ ARABIC LETTER REH WITH DOT BELOW AND DOT ABOVE  
• Pashto
- 0697 ڙ ARABIC LETTER REH WITH TWO DOTS ABOVE  
• Dargwa
- 0698 ڙ ARABIC LETTER JEH  
• Persian, Urdu, ...
- 0699 ڙ ARABIC LETTER REH WITH FOUR DOTS ABOVE  
• Sindhi
- 069A ڙ ARABIC LETTER SEEN WITH DOT BELOW AND DOT ABOVE  
• Pashto
- 069B ڙ ARABIC LETTER SEEN WITH THREE DOTS BELOW  
• early Persian
- 069C ڙ ARABIC LETTER SEEN WITH THREE DOTS BELOW AND THREE DOTS ABOVE  
• Moroccan Arabic
- 069D ڙ ARABIC LETTER SAD WITH TWO DOTS BELOW  
• Turkic
- 069E ڙ ARABIC LETTER SAD WITH THREE DOTS ABOVE  
• Berber, Burushaski
- 069F ڙ ARABIC LETTER TAH WITH THREE DOTS ABOVE  
• old Hausa
- 06A0 ڙ ARABIC LETTER AIN WITH THREE DOTS ABOVE  
• old Malay
- 06A1 ڙ ARABIC LETTER DOTLESS FEH  
• Adighe
- 06A2 ڙ ARABIC LETTER FEH WITH DOT MOVED BELOW  
• Maghrib Arabic

06A3	Arabic	06D6
06A3	ب ARABIC LETTER FEH WITH DOT BELOW • Ingush	06C0 ه ARABIC LETTER HEH WITH YEH ABOVE = arabic letter hamzah on ha (1.0) = izafet • Urdu • actually a ligature, not an independent letter ≡ 06D5 • 0654 ّ
06A4	ث ARABIC LETTER VEH • Middle Eastern Arabic for foreign words • Kurdish, Khwarazmian, early Persian	06C1 ه ARABIC LETTER HEH GOAL • Urdu
06A5	پ ARABIC LETTER FEH WITH THREE DOTS BELOW • North African Arabic for foreign words	06C2 ه ARABIC LETTER HEH GOAL WITH HAMZA ABOVE • Urdu • actually a ligature, not an independent letter ≡ 06C1 ه 0654 ّ
06A6	ڦ ARABIC LETTER PEHEH • Sindhi	06C3 ه ARABIC LETTER TEH MARBUTA GOAL • Urdu
06A7	ف ARABIC LETTER QAF WITH DOT ABOVE • Maghrib Arabic	06C4 و ARABIC LETTER WAW WITH RING • Kashmiri
06A8	ڦ ARABIC LETTER QAF WITH THREE DOTS ABOVE • Tunisian Arabic	06C5 و ARABIC LETTER KIRGHIZ OE • Kirghiz
06A9	ک ARABIC LETTER KEHEH • Persian, Urdu, ...	06C6 و ARABIC LETTER OE • Uighur, Kurdish, Kazakh, Azerbaijani
06AA	ڪ ARABIC LETTER SWASH KAF	06C7 و ARABIC LETTER U • Kirghiz, Azerbaijani
06AB	ڪ ARABIC LETTER KAF WITH RING • Pashto • may appear like an Arabic KAF (0643 ك) with a ring below the base	06C8 و ARABIC LETTER YU • Uighur
06AC	ك ARABIC LETTER KAF WITH DOT ABOVE • old Malay	06C9 و ARABIC LETTER KIRGHIZ YU • Kazakh, Kirghiz
06AD	ڳ ARABIC LETTER NG • Uighur, Kazakh, old Malay, early Persian, ...	06CA و ARABIC LETTER WAW WITH TWO DOTS ABOVE • Kurdish
06AE	ڳ ARABIC LETTER KAF WITH THREE DOTS BELOW • Berber, early Persian	06CB و ARABIC LETTER VE • Uighur, Kazakh
06AF	گ ARABIC LETTER GAF • Persian, Urdu, ...	06CC ی ARABIC LETTER FARSI YEH • Arabic, Persian, Urdu, Kashmiri, ... • initial and medial forms of this letter have dots → 0649 ی arabic letter alef maksura → 064A ی arabic letter yeh
06B0	گ ARABIC LETTER GAF WITH RING • Lahnda	06CD ی ARABIC LETTER YEH WITH TAIL • Pashto, Sindhi
06B1	گ ARABIC LETTER NGOEH • Sindhi	06CE ی ARABIC LETTER YEH WITH SMALL V • Kurdish
06B2	گ ARABIC LETTER GAF WITH TWO DOTS BELOW • not used in Sindhi	06CF و ARABIC LETTER WAW WITH DOT ABOVE
06B3	گ ARABIC LETTER GUEH • Sindhi	06D0 ی ARABIC LETTER E • Pashto, Uighur • used as the letter bbeh in Sindhi
06B4	گ ARABIC LETTER GAF WITH THREE DOTS ABOVE • not used in Sindhi	06D1 ی ARABIC LETTER YEH WITH THREE DOTS BELOW • old Malay
06B5	ل ARABIC LETTER LAM WITH SMALL V • Kurdish	06D2 ی ARABIC LETTER YEH BARREE • Urdu
06B6	ل ARABIC LETTER LAM WITH DOT ABOVE • Kurdish	06D3 ی ARABIC LETTER YEH BARREE WITH HAMZA ABOVE • Urdu • actually a ligature, not an independent letter ≡ 06D2 ی 0654 ّ
06B7	ل ARABIC LETTER LAM WITH THREE DOTS ABOVE • Kurdish	
06B8	پ ARABIC LETTER LAM WITH THREE DOTS BELOW	
06B9	ن ARABIC LETTER NOON WITH DOT BELOW	
06BA	ن ARABIC LETTER NOON GHUNNA • Urdu	
06BB	ن ARABIC LETTER RNOON • Sindhi	
06BC	ن ARABIC LETTER NOON WITH RING • Pashto	
06BD	ن ARABIC LETTER NOON WITH THREE DOTS ABOVE • old Malay	
06BE	ه ARABIC LETTER HEH DOACHASHMEE • Urdu • forms aspirate digraphs	
06BF	ح ARABIC LETTER TCHEH WITH DOT ABOVE	
		<b>Punctuation</b>
		06D4 - ARABIC FULL STOP • Urdu
		<b>Extended Arabic letter</b>
		06D5 • ARABIC LETTER AE • Uighur, Kazakh, Kirghiz
		<b>Koranic annotation signs</b>
		06D6 ّ ARABIC SMALL HIGH LIGATURE SAD WITH LAM WITH ALEF MAKSURA

06D7	◌ٲ	ARABIC SMALL HIGH LIGATURE QAF WITH LAM WITH ALEF MAKSURA
06D8	◌ٲٲ	ARABIC SMALL HIGH MEEM INITIAL FORM
06D9	◌ٲٲ	ARABIC SMALL HIGH LAM ALEF
06DA	◌ٲٲ	ARABIC SMALL HIGH JEEM
06DB	◌ٲٲٲ	ARABIC SMALL HIGH THREE DOTS
06DC	◌ٲٲ	ARABIC SMALL HIGH SEEN
06DD	◌ٲٲ	ARABIC END OF AYAH
06DE	◌ٲٲ	ARABIC START OF RUB EL HIZB
06DF	◌ٲٲ	ARABIC SMALL HIGH ROUNDED ZERO <ul style="list-style-type: none"> <li>• smaller than the typical circular shape used for 0652 ◌ٲ</li> </ul>
06E0	◌ٲ	ARABIC SMALL HIGH UPRIGHT RECTANGULAR ZERO
06E1	◌ٲ	ARABIC SMALL HIGH DOTLESS HEAD OF KHAH = Arabic jazm <ul style="list-style-type: none"> <li>• presentation form of 0652 ◌ٲ, using font technology to select the variant is preferred</li> <li>• used in some Korans to mark absence of a vowel</li> <li>→ 0652 ◌ٲ arabic sukun</li> </ul>
06E2	◌ٲ	ARABIC SMALL HIGH MEEM ISOLATED FORM
06E3	◌ٲ	ARABIC SMALL LOW SEEN
06E4	◌ٲ	ARABIC SMALL HIGH MADDA
06E5	◌ٲ	ARABIC SMALL WAW
06E6	◌ٲ	ARABIC SMALL YEH
06E7	◌ٲ	ARABIC SMALL HIGH YEH
06E8	◌ٲ	ARABIC SMALL HIGH NOON
06E9	◌ٲ	ARABIC PLACE OF SAJDAH <ul style="list-style-type: none"> <li>• there is a range of acceptable glyphs for this character</li> </ul>
06EA	◌ٲ	ARABIC EMPTY CENTRE LOW STOP
06EB	◌ٲ	ARABIC EMPTY CENTRE HIGH STOP
06EC	◌ٲ	ARABIC ROUNDED HIGH STOP WITH FILLED CENTRE
06ED	◌ٲ	ARABIC SMALL LOW MEEM

**Extended Arabic letters for Parkari**

06EE	◌ٲ	ARABIC LETTER DAL WITH INVERTED V
06EF	◌ٲ	ARABIC LETTER REH WITH INVERTED V <ul style="list-style-type: none"> <li>• also used in early Persian</li> </ul>

**Eastern Arabic-Indic digits**

*These digits are used with Arabic-script languages of Iran, Pakistan, and India (Persian, Sindhi, Urdu, etc.). For details of variations in preferred glyphs, see the block description for the Arabic script.*

06F0	٠	EXTENDED ARABIC-INDIC DIGIT ZERO
06F1	١	EXTENDED ARABIC-INDIC DIGIT ONE
06F2	٢	EXTENDED ARABIC-INDIC DIGIT TWO
06F3	٣	EXTENDED ARABIC-INDIC DIGIT THREE
06F4	٤	EXTENDED ARABIC-INDIC DIGIT FOUR <ul style="list-style-type: none"> <li>• Persian has a different glyph than Sindhi and Urdu</li> </ul>
06F5	٥	EXTENDED ARABIC-INDIC DIGIT FIVE <ul style="list-style-type: none"> <li>• Persian, Sindhi, and Urdu share glyph different from Arabic</li> </ul>
06F6	٦	EXTENDED ARABIC-INDIC DIGIT SIX <ul style="list-style-type: none"> <li>• Persian, Sindhi, and Urdu have glyphs different from Arabic</li> </ul>
06F7	٧	EXTENDED ARABIC-INDIC DIGIT SEVEN <ul style="list-style-type: none"> <li>• Urdu and Sindhi have glyphs different from Arabic</li> </ul>
06F8	٨	EXTENDED ARABIC-INDIC DIGIT EIGHT

06F9	٩	EXTENDED ARABIC-INDIC DIGIT NINE
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**Extended Arabic letters**

06FA	ٲ	ARABIC LETTER SHEEN WITH DOT BELOW
06FB	ٲ	ARABIC LETTER DAD WITH DOT BELOW
06FC	ٲ	ARABIC LETTER GHAIN WITH DOT BELOW

**Signs for Sindhi**

06FD	ٲ	ARABIC SIGN SINDHI AMPERSAND
06FE	ٲ	ARABIC SIGN SINDHI POSTPOSITION MEN

**Extended Arabic letter for Parkari**

06FF	ٲ	ARABIC LETTER HEH WITH INVERTED V
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	08A	08B	08C	08D	08E	08F
0	ب 08A0	گ 08B0				ٲ 08F0
1	ب 08A1	ٲ 08B1				ٲ 08F1
2	تج 08A2					ٲ 08F2
3	ظ 08A3					ٲ 08F3
4	ثب 08A4				ٲ 08E4	ٲ 08F4
5	قب 08A5				ٲ 08E5	ٲ 08F5
6	ع 08A6				ٲ 08E6	ٲ 08F6
7	ثم 08A7				ٲ 08E7	ٲ 08F7
8	ئي 08A8				ٲ 08E8	ٲ 08F8
9	ني 08A9				ٲ 08E9	ٲ 08F9
A	ر 08AA				ٲ 08EA	ٲ 08FA
B	و 08AB				ٲ 08EB	ٲ 08FB
C	ع 08AC				ٲ 08EC	ٲ 08FC
D	ا 08AD				ٲ 08ED	ٲ 08FD
E	پ 08AE				ٲ 08EE	ٲ 08FE
F	ص 08AF				ٲ 08EF	ٲ 08FF

**Extended Arabic letters for African languages**

08A0 ب ARABIC LETTER BEH WITH SMALL V BELOW

**Arabic letter for African languages**

08A1 ب ARABIC LETTER BEH WITH HAMZA ABOVE

08A2 ج ARABIC LETTER JEEM WITH TWO DOTS ABOVE

08A3 ط ARABIC LETTER TAH WITH TWO DOTS ABOVE

08A4 فب ARABIC LETTER FEH WITH DOT BELOW AND THREE DOTS ABOVE

08A5 قب ARABIC LETTER QAF WITH DOT BELOW

08A6 ثب ARABIC LETTER LAM WITH DOUBLE BAR

08A7 مب ARABIC LETTER MEEM WITH THREE DOTS ABOVE

08A8 يي ARABIC LETTER YEH WITH TWO DOTS BELOW AND HAMZA ABOVE

08A9 يي ARABIC LETTER YEH WITH TWO DOTS BELOW AND DOT ABOVE

**Dependent consonants for Rohingya**

08AA ر ARABIC LETTER REH WITH LOOP  
= bottya-reh

08AB و ARABIC LETTER WAW WITH DOT WITHIN  
= nota-wa

08AC ڤ ARABIC LETTER ROHINGYA YEH  
= bottya-yeh

**Arabic letters for European and Central Asian languages**

08AD ا ARABIC LETTER LOW ALEF  
• Bashkir, Tatar

08AE دب ARABIC LETTER DAL WITH THREE DOTS BELOW  
• Belarusian

08AF هب ARABIC LETTER SAD WITH THREE DOTS BELOW  
• Belarusian

08B0 گب ARABIC LETTER GAF WITH INVERTED STROKE  
• Crimean Tatar, Chechen, Lak

08B1 ڤ ARABIC LETTER STRAIGHT WAW  
• Tatar

**Extended vowel signs for Rohingya**

08E4 َ ARABIC CURLY FATHA

08E5 ُ ARABIC CURLY DAMMA

08E6 ِ ARABIC CURLY KASRA

08E7 َ ARABIC CURLY FATHATAN

08E8 ُ ARABIC CURLY DAMMATAN

08E9 ِ ARABIC CURLY KASRATAN

**Tone marks for Rohingya**

08EA ˆ ARABIC TONE ONE DOT ABOVE

08EB ˆ ARABIC TONE TWO DOTS ABOVE

08EC ˆ ARABIC TONE LOOP ABOVE

08ED ˘ ARABIC TONE ONE DOT BELOW

08EE ˘ ARABIC TONE TWO DOTS BELOW

08EF ˘ ARABIC TONE LOOP BELOW

**Koranic annotation signs**

08F0 َ ARABIC OPEN FATHATAN  
= successive fathatan

08F1 ُ ARABIC OPEN DAMMATAN  
= successive dammatan

08F2 ِ ARABIC OPEN KASRATAN  
= successive kasratan

08F3 ُ ARABIC SMALL HIGH WAW

**Extended vowel signs for African languages**

08F4 ُ ARABIC FATHA WITH RING

08F5 ˆ ARABIC FATHA WITH DOT ABOVE

08F6 ˘ ARABIC KASRA WITH DOT BELOW  
• also used in Philippine languages

08F7 ˆ ARABIC LEFT ARROWHEAD ABOVE

08F8 ˆ ARABIC RIGHT ARROWHEAD ABOVE

08F9 ˘ ARABIC LEFT ARROWHEAD BELOW

08FA ˘ ARABIC RIGHT ARROWHEAD BELOW

08FB ˆ ARABIC DOUBLE RIGHT ARROWHEAD ABOVE

08FC ˆ ARABIC DOUBLE RIGHT ARROWHEAD ABOVE WITH DOT

08FD ˆ ARABIC RIGHT ARROWHEAD ABOVE WITH DOT

**Extended vowel sign for Philippine languages**

08FE ˆ ARABIC DAMMA WITH DOT

**Extended vowel signs**

08FF ُ ARABIC MARK SIDEWAYS NOON GHUNNA

	090	091	092	093	094	095	096	097
0	ॐ 0900	ऐ 0910	ठ 0920	र 0930	ी 0940	ॐ 0950	ऋ 0960	० 0970
1	ँ 0901	ऑ 0911	ड 0921	ॠ 0931	ु 0941	ं 0951	ृ 0961	ं 0971
2	ं 0902	ओ 0912	ढ 0922	ल 0932	ॡ 0942	ॢ 0952	ॣ 0962	ँ 0972
3	ः 0903	ओ 0913	ण 0923	ळ 0933	। 0943	े 0953	॥ 0963	अ 0973
4	ऐ 0904	औ 0914	त 0924	ळ 0934	॥ 0944	े 0954	। 0964	आ 0974
5	अ 0905	क 0915	थ 0925	व 0935	ँ 0945	ँ 0955	॥ 0965	औ 0975
6	आ 0906	ख 0916	द 0926	श 0936	े 0946	ु 0956	० 0966	अ 0976
7	इ 0907	ग 0917	ध 0927	ष 0937	े 0947	ु 0957	१ 0967	अ 0977
8	ई 0908	घ 0918	न 0928	स 0938	ै 0948	क 0958	२ 0968	ॢ 0978
9	उ 0909	ङ 0919	न 0929	ह 0939	ॉ 0949	ख 0959	३ 0969	ज़ 0979
A	ऊ 090A	च 091A	प 092A	ं 093A	ो 094A	ग 095A	४ 096A	ष 097A
B	ऋ 090B	ॡ 091B	फ 092B	ा 093B	ो 094B	ज़ 095B	५ 096B	ग 097B
C	ॣ 090C	ज 091C	ब 092C	ॢ 093C	ौ 094C	ड 095C	६ 096C	ज़ 097C
D	ँ 090D	झ 091D	भ 092D	ऌ 093D	ॣ 094D	ढ 095D	७ 096D	ॠ 097D
E	ऐ 090E	ञ 091E	म 092E	ा 093E	ि 094E	फ़ 095E	८ 096E	ड 097E
F	ए 090F	ट 091F	य 092F	ि 093F	ौ 094F	य 095F	९ 096F	ब 097F

0900

Devanagari

0950

**Various signs**

0900	ँ	DEVANAGARI SIGN INVERTED CANDRABINDU = vaidika adhomukha candrabindu
0901	ं	DEVANAGARI SIGN CANDRABINDU = anunasika → 0310 ँ combining candrabindu
0902	॰	DEVANAGARI SIGN ANUSVARA = bindu
0903	ः	DEVANAGARI SIGN VISARGA

**Independent vowels**

0904	अ	DEVANAGARI LETTER SHORT A
0905	आ	DEVANAGARI LETTER A
0906	आ	DEVANAGARI LETTER AA
0907	इ	DEVANAGARI LETTER I
0908	ई	DEVANAGARI LETTER II
0909	उ	DEVANAGARI LETTER U
090A	ऊ	DEVANAGARI LETTER UU
090B	ऋ	DEVANAGARI LETTER VOCALIC R
090C	ॠ	DEVANAGARI LETTER VOCALIC L
090D	ँ	DEVANAGARI LETTER CANDRA E
090E	ँ	DEVANAGARI LETTER SHORT E • for transcribing Dravidian short e
090F	ए	DEVANAGARI LETTER E
0910	ऐ	DEVANAGARI LETTER AI
0911	ऑ	DEVANAGARI LETTER CANDRA O
0912	ओ	DEVANAGARI LETTER SHORT O • for transcribing Dravidian short o
0913	औ	DEVANAGARI LETTER O
0914	औ	DEVANAGARI LETTER AU

**Consonants**

0915	क	DEVANAGARI LETTER KA
0916	ख	DEVANAGARI LETTER KHA
0917	ग	DEVANAGARI LETTER GA
0918	घ	DEVANAGARI LETTER GHA
0919	ङ	DEVANAGARI LETTER NGA
091A	च	DEVANAGARI LETTER CA
091B	छ	DEVANAGARI LETTER CHA
091C	ज	DEVANAGARI LETTER JA
091D	झ	DEVANAGARI LETTER JHA
091E	ञ	DEVANAGARI LETTER NYA
091F	ट	DEVANAGARI LETTER TTA
0920	ठ	DEVANAGARI LETTER TTHA
0921	ड	DEVANAGARI LETTER DDA
0922	ढ	DEVANAGARI LETTER DDHA
0923	ण	DEVANAGARI LETTER NNA
0924	त	DEVANAGARI LETTER TA
0925	थ	DEVANAGARI LETTER THA
0926	द	DEVANAGARI LETTER DA
0927	ध	DEVANAGARI LETTER DHA
0928	न	DEVANAGARI LETTER NA
0929	न्	DEVANAGARI LETTER NNNA • for transcribing Dravidian alveolar n ≡ 0928 न 093C ण
092A	प	DEVANAGARI LETTER PA
092B	फ	DEVANAGARI LETTER PHA
092C	ब	DEVANAGARI LETTER BA
092D	भ	DEVANAGARI LETTER BHA
092E	म	DEVANAGARI LETTER MA
092F	य	DEVANAGARI LETTER YA
0930	र	DEVANAGARI LETTER RA

0931	ऱ	DEVANAGARI LETTER RRA • for transcribing Dravidian alveolar r • half form is represented as "Eyelash RA" ≡ 0930 र 093C ण
0932	ल	DEVANAGARI LETTER LA
0933	ळ	DEVANAGARI LETTER LLA
0934	ळ	DEVANAGARI LETTER LLLA • for transcribing Dravidian l ≡ 0933 ळ 093C ण
0935	व	DEVANAGARI LETTER VA
0936	श	DEVANAGARI LETTER SHA
0937	ष	DEVANAGARI LETTER SSA
0938	स	DEVANAGARI LETTER SA
0939	ह	DEVANAGARI LETTER HA

**Dependent vowel signs for Kashmiri**

093A	ॊ	DEVANAGARI VOWEL SIGN OE
093B	ो	DEVANAGARI VOWEL SIGN OOE

**Various signs**

093C	॰	DEVANAGARI SIGN NUKTA • for extending the alphabet to new letters
093D	ऽ	DEVANAGARI SIGN AVAGRAHA

**Dependent vowel signs**

093E	ॡ	DEVANAGARI VOWEL SIGN AA
093F	ॢ	DEVANAGARI VOWEL SIGN I • stands to the left of the consonant
0940	ॣ	DEVANAGARI VOWEL SIGN II
0941	।	DEVANAGARI VOWEL SIGN U
0942	॥	DEVANAGARI VOWEL SIGN UU
0943	०	DEVANAGARI VOWEL SIGN VOCALIC R
0944	ॠ	DEVANAGARI VOWEL SIGN VOCALIC RR
0945	ॡ	DEVANAGARI VOWEL SIGN CANDRA E = candra
0946	ॣ	DEVANAGARI VOWEL SIGN SHORT E • for transcribing Dravidian vowels
0947	॥	DEVANAGARI VOWEL SIGN E
0948	०	DEVANAGARI VOWEL SIGN AI
0949	ॡ	DEVANAGARI VOWEL SIGN CANDRA O
094A	ॣ	DEVANAGARI VOWEL SIGN SHORT O • for transcribing Dravidian vowels
094B	॥	DEVANAGARI VOWEL SIGN O
094C	ॣ	DEVANAGARI VOWEL SIGN AU

**Virama**

094D	ॱ	DEVANAGARI SIGN VIRAMA = halant (the preferred Hindi name) • suppresses inherent vowel
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**Dependent vowel signs**

094E	ॢ	DEVANAGARI VOWEL SIGN PRISHTHAMATRA E • character has historic use only • combines with E to form AI, with AA to form O, and with O to form AU
094F	ॣ	DEVANAGARI VOWEL SIGN AW • Kashmiri

**Sign**

0950	ॐ	DEVANAGARI OM
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**Vedic tone marks**

- 0951 ◌̄ DEVANAGARI STRESS SIGN UDATTA  
= Vedic tone svarita  
• mostly used for svarita, with rare use for udatta  
• used also in Vedic texts written in other scripts  
→ 1CDA ◌̄ vedic tone double svarita
- 0952 ◌̎ DEVANAGARI STRESS SIGN ANUDATTA  
= Vedic tone anudatta  
• used also in Vedic texts written in other scripts  
→ 1CDC ◌̎ vedic tone kathaka anudatta

**Accent marks**

- 0953 ◌̇ DEVANAGARI GRAVE ACCENT  
→ 0300 ◌̇ combining grave accent
- 0954 ◌̈ DEVANAGARI ACUTE ACCENT  
→ 0301 ◌̈ combining acute accent

**Dependent vowel sign**

- 0955 ◌̄̅ DEVANAGARI VOWEL SIGN CANDRA LONG E  
• used in transliteration of Avestan

**Dependent vowel signs for Kashmiri**

- 0956 ◌̄̅̅ DEVANAGARI VOWEL SIGN UE
- 0957 ◌̄̅̅̅ DEVANAGARI VOWEL SIGN UUE

**Additional consonants**

- 0958 क़ DEVANAGARI LETTER QA  
≡ 0915 क़ 093C ◌̣
- 0959 ख़ DEVANAGARI LETTER KHHA  
≡ 0916 ख़ 093C ◌̣
- 095A ग़ DEVANAGARI LETTER GHHA  
≡ 0917 ग़ 093C ◌̣
- 095B ज़ DEVANAGARI LETTER ZA  
≡ 091C ज़ 093C ◌̣
- 095C ड़ DEVANAGARI LETTER DDDHA  
≡ 0921 ड़ 093C ◌̣
- 095D ढ़ DEVANAGARI LETTER RHA  
≡ 0922 ढ़ 093C ◌̣
- 095E फ़ DEVANAGARI LETTER FA  
≡ 092B फ़ 093C ◌̣
- 095F य़ DEVANAGARI LETTER YYA  
≡ 092F य़ 093C ◌̣

**Additional vowels for Sanskrit**

- 0960 ऀ DEVANAGARI LETTER VOCALIC RR
- 0961 ॠ DEVANAGARI LETTER VOCALIC LL
- 0962 ॡ DEVANAGARI VOWEL SIGN VOCALIC L
- 0963 ॢ DEVANAGARI VOWEL SIGN VOCALIC LL

**Generic punctuation for scripts of India**

*These punctuation marks are for common use for the scripts of India despite being named "DEVANAGARI". They also occur as abbreviation signs in some South Indian scripts.*

- 0964 । DEVANAGARI DANDA  
= purna viram  
• phrase separator
- 0965 ॥ DEVANAGARI DOUBLE DANDA  
= deergh viram

**Digits**

- 0966 ० DEVANAGARI DIGIT ZERO
- 0967 १ DEVANAGARI DIGIT ONE
- 0968 २ DEVANAGARI DIGIT TWO
- 0969 ३ DEVANAGARI DIGIT THREE
- 096A ४ DEVANAGARI DIGIT FOUR
- 096B ५ DEVANAGARI DIGIT FIVE

- 096C ६ DEVANAGARI DIGIT SIX
- 096D ७ DEVANAGARI DIGIT SEVEN
- 096E ८ DEVANAGARI DIGIT EIGHT
- 096F ९ DEVANAGARI DIGIT NINE

**Abbreviation sign**

- 0970 ॰ DEVANAGARI ABBREVIATION SIGN  
• intended for Devanagari-specific abbreviations
- 0971 ̣ DEVANAGARI SIGN HIGH SPACING DOT

**Independent vowel for Marathi**

- 0972 ॡ DEVANAGARI LETTER CANDRA A

**Independent vowels for Kashmiri**

- 0973 ॠ DEVANAGARI LETTER OE
- 0974 ॡ DEVANAGARI LETTER OOE
- 0975 ॢ DEVANAGARI LETTER AW
- 0976 ॣ DEVANAGARI LETTER UE
- 0977 । DEVANAGARI LETTER UUE

**Additional consonants**

- 0978 ऀ DEVANAGARI LETTER MARWARI DDA
- 0979 ॠ DEVANAGARI LETTER ZHA  
• used in transliteration of Avestan
- 097A य़ DEVANAGARI LETTER HEAVY YA  
• used for an affricated glide JJYA

**Sindhi implosives**

- 097B ॠ DEVANAGARI LETTER GGA
- 097C ॡ DEVANAGARI LETTER JJA

**Glottal stop**

- 097D ॠ DEVANAGARI LETTER GLOTTAL STOP  
• used for writing Limbu in Devanagari  
• a glyph variant has the connecting top bar

**Sindhi implosives**






































- 097E ॠ DEVANAGARI LETTER DDDA
- 097F ॡ DEVANAGARI LETTER BBA

	0C0	0C1	0C2	0C3	0C4	0C5	0C6	0C7
0	౦ 0C00	ఐ 0C10	ఠ 0C20	ఠ 0C30	ఠ 0C40		ఋ 0C60	
1	ఠ 0C01		ఠ 0C21	ఠ 0C31	ఠ 0C41		ఋ 0C61	
2	ఠ 0C02	ఐ 0C12	ఠ 0C22	ఠ 0C32	ఠ 0C42		ఋ 0C62	
3	ఠ 0C03	ఐ 0C13	ఠ 0C23	ఠ 0C33	ఠ 0C43		ఋ 0C63	
4		ఐ 0C14	ఠ 0C24		ఠ 0C44			
5	ఠ 0C05	ఠ 0C15	ఠ 0C25	ఠ 0C35		ఠ 0C55		
6	ఠ 0C06	ఠ 0C16	ఠ 0C26	ఠ 0C36	ఠ 0C46	ఠ 0C56	ఠ 0C66	
7	ఠ 0C07	ఠ 0C17	ఠ 0C27	ఠ 0C37	ఠ 0C47		ఠ 0C67	
8	ఠ 0C08	ఠ 0C18	ఠ 0C28	ఠ 0C38	ఠ 0C48	ఠ 0C58	ఠ 0C68	ఠ 0C78
9	ఠ 0C09	ఠ 0C19		ఠ 0C39		ఠ 0C59	ఠ 0C69	ఠ 0C79
A	ఠ 0C0A	ఠ 0C1A	ఠ 0C2A		ఠ 0C4A		ఠ 0C6A	ఠ 0C7A
B	ఠ 0C0B	ఠ 0C1B	ఠ 0C2B		ఠ 0C4B		ఠ 0C6B	ఠ 0C7B
C	ఠ 0C0C	ఠ 0C1C	ఠ 0C2C		ఠ 0C4C		ఠ 0C6C	ఠ 0C7C
D		ఠ 0C1D	ఠ 0C2D	ఠ 0C3D	ఠ 0C4D		ఠ 0C6D	ఠ 0C7D
E	ఠ 0C0E	ఠ 0C1E	ఠ 0C2E	ఠ 0C3E			ఠ 0C6E	ఠ 0C7E
F	ఠ 0C0F	ఠ 0C1F	ఠ 0C2F	ఠ 0C3F			ఠ 0C6F	ఠ 0C7F

0C00

Telugu

0C78

**Various signs**0C00  TELUGU SIGN COMBINING CANDRABINDU ABOVE0C01  TELUGU SIGN CANDRABINDU  
= arasunna0C02  TELUGU SIGN ANUSVARA  
= sunna0C03  TELUGU SIGN VISARGA**Independent vowels**0C05  TELUGU LETTER A0C06  TELUGU LETTER AA0C07  TELUGU LETTER I0C08  TELUGU LETTER II0C09  TELUGU LETTER U0C0A  TELUGU LETTER UU0C0B  TELUGU LETTER VOCALIC R0C0C  TELUGU LETTER VOCALIC L0C0D  <reserved>0C0E  TELUGU LETTER E0C0F  TELUGU LETTER EE0C10  TELUGU LETTER AI0C11  <reserved>0C12  TELUGU LETTER O0C13  TELUGU LETTER OO0C14  TELUGU LETTER AU**Consonants**0C15  TELUGU LETTER KA0C16  TELUGU LETTER KHA0C17  TELUGU LETTER GA0C18  TELUGU LETTER GHA0C19  TELUGU LETTER NGA0C1A  TELUGU LETTER CA0C1B  TELUGU LETTER CHA0C1C  TELUGU LETTER JA0C1D  TELUGU LETTER JHA0C1E  TELUGU LETTER NYA0C1F  TELUGU LETTER TTA0C20  TELUGU LETTER TTHA0C21  TELUGU LETTER DDA0C22  TELUGU LETTER DDHA0C23  TELUGU LETTER NNA0C24  TELUGU LETTER TA0C25  TELUGU LETTER THA0C26  TELUGU LETTER DA0C27  TELUGU LETTER DHA0C28  TELUGU LETTER NA0C29  <reserved>0C2A  TELUGU LETTER PA0C2B  TELUGU LETTER PHA0C2C  TELUGU LETTER BA0C2D  TELUGU LETTER BHA0C2E  TELUGU LETTER MA0C2F  TELUGU LETTER YA0C30  TELUGU LETTER RA0C31  TELUGU LETTER RRA0C32  TELUGU LETTER LA0C33  TELUGU LETTER LLA0C34  <reserved>0C35  TELUGU LETTER VA0C36  TELUGU LETTER SHA0C37  TELUGU LETTER SSA0C38  TELUGU LETTER SA0C39  TELUGU LETTER HA**Addition for Sanskrit**0C3D  TELUGU SIGN AVAGRAHA**Dependent vowel signs**0C3E  TELUGU VOWEL SIGN AA0C3F  TELUGU VOWEL SIGN I0C40  TELUGU VOWEL SIGN II0C41  TELUGU VOWEL SIGN U0C42  TELUGU VOWEL SIGN UU0C43  TELUGU VOWEL SIGN VOCALIC R0C44  TELUGU VOWEL SIGN VOCALIC RR0C45  <reserved>0C46  TELUGU VOWEL SIGN E0C47  TELUGU VOWEL SIGN EE0C48  TELUGU VOWEL SIGN AI  
≡ 0C46  0C56 0C49  <reserved>0C4A  TELUGU VOWEL SIGN O0C4B  TELUGU VOWEL SIGN OO0C4C  TELUGU VOWEL SIGN AU**Virama**0C4D  TELUGU SIGN VIRAMA  
= halant (the preferred name)**Various signs**0C55  TELUGU LENGTH MARK0C56  TELUGU AI LENGTH MARK**Historic phonetic variants**0C58  TELUGU LETTER TSA0C59  TELUGU LETTER DZA**Additional vowels for Sanskrit**0C60  TELUGU LETTER VOCALIC RR0C61  TELUGU LETTER VOCALIC LL**Dependent vowels**0C62  TELUGU VOWEL SIGN VOCALIC L0C63  TELUGU VOWEL SIGN VOCALIC LL**Reserved***For viram punctuation, use the generic Indic 0964 and 0965.*0C64  <reserved>  
→ 0964 I devanagari danda0C65  <reserved>  
→ 0965 II devanagari double danda**Digits**0C66  TELUGU DIGIT ZERO0C67  TELUGU DIGIT ONE0C68  TELUGU DIGIT TWO0C69  TELUGU DIGIT THREE0C6A  TELUGU DIGIT FOUR0C6B  TELUGU DIGIT FIVE0C6C  TELUGU DIGIT SIX0C6D  TELUGU DIGIT SEVEN0C6E  TELUGU DIGIT EIGHT0C6F  TELUGU DIGIT NINE**Telugu fractions and weights**0C78  TELUGU FRACTION DIGIT ZERO FOR ODD  
POWERS OF FOUR

0C79		TELUGU FRACTION DIGIT ONE FOR ODD POWERS OF FOUR
0C7A	ᳵ	TELUGU FRACTION DIGIT TWO FOR ODD POWERS OF FOUR
0C7B	ᳶ	TELUGU FRACTION DIGIT THREE FOR ODD POWERS OF FOUR
0C7C	—	TELUGU FRACTION DIGIT ONE FOR EVEN POWERS OF FOUR
0C7D	᳸	TELUGU FRACTION DIGIT TWO FOR EVEN POWERS OF FOUR
0C7E	᳹	TELUGU FRACTION DIGIT THREE FOR EVEN POWERS OF FOUR
0C7F	ᳺ	TELUGU SIGN TUUMU

	0C8	0C9	0CA	0CB	0CC	0CD	0CE	0CF
0		ಐ 0C90	ಊ 0CA0	ಋ 0CB0	ೠ 0CC0		ಖಾ 0CE0	
1	ಃ 0C81		ಋ 0CA1	ೠ 0CB1	ಌ 0CC1		ಖ್ಯ 0CE1	ಃ 0CF1
2	ಌ 0C82	಍ 0C92	ಊ 0CA2	ಋ 0CB2	ೠ 0CC2		ಃ 0CE2	ಌ 0CF2
3	ಋ 0C83	ಉ 0C93	ಊ 0CA3	ಋ 0CB3	ೠ 0CC3		ಃ 0CE3	
4		ಋ 0C94	ಉ 0CA4		ಌ 0CC4			
5	ಊ 0C85	ಋ 0C95	ಉ 0CA5	ಋ 0CB5		ಌ 0CD5		
6	ಋ 0C86	ಉ 0C96	ಊ 0CA6	ಋ 0CB6	ಌ 0CC6	ಌ 0CD6	ಌ 0CE6	
7	ಋ 0C87	ಉ 0C97	ಊ 0CA7	ಋ 0CB7	ಌ 0CC7		ಌ 0CE7	
8	ಋ 0C88	ಉ 0C98	ಊ 0CA8	ಋ 0CB8	ಌ 0CC8		ಌ 0CE8	
9	ಉ 0C89	ಊ 0C99		ಋ 0CB9			ಋ 0CE9	
A	ಋ 0C8A	ಉ 0C9A	ಊ 0CAA		ಌ 0CCA		ಋ 0CEA	
B	ಋ 0C8B	ಉ 0C9B	ಊ 0CAB		ಌ 0CCB		ಋ 0CEB	
C	ಋ 0C8C	ಉ 0C9C	ಊ 0CAC	ಋ 0CBC	ಌ 0CCC		ಋ 0CEC	
D		ಋ 0C9D	ಉ 0CAD	ಋ 0CBD	ಌ 0CCD		ಋ 0CED	
E	ಋ 0C8E	ಉ 0C9E	ಊ 0CAE	ಋ 0CBE		ಌ 0CDE	ಋ 0CEE	
F	ಋ 0C8F	ಉ 0C9F	ಊ 0CAF	ಋ 0CBF			ಋ 0CEF	



**Signs used in Sanskrit**

- 0CF1 ∂ KANNADA SIGN JIHVAMULIYA  
→ 1CF5 X vedic sign jihvamuliya
- 0CF2 ∞ KANNADA SIGN UPADHMANIYA  
→ 1CF6 ∞ vedic sign upadhmaniya




	0D0	0D1	0D2	0D3	0D4	0D5	0D6	0D7
0		ഐ 0D10	ഠ 0D20	ര 0D30	ീ 0D40		ഋ 0D60	൧ 0D70
1	ഌ 0D01		ഡ 0D21	റ 0D31	ു 0D41		ൺ 0D61	൩ 0D71
2	ഌ 0D02	ഒ 0D12	ഘ 0D22	ല 0D32	ൂ 0D42		ൺ 0D62	൯ 0D72
3	ഌ 0D03	ഓ 0D13	ണ 0D23	ള 0D33	ൂ 0D43		ൺ 0D63	ൺ 0D73
4		ഔ 0D14	ത 0D24	ഴ 0D34	ൂ 0D44			ൺ 0D74
5	അ 0D05	ക 0D15	ഥ 0D25	വ 0D35				ൺ 0D75
6	ആ 0D06	ഖ 0D16	ദ 0D26	ശ 0D36	െ 0D46		ഠ 0D66	
7	ഇ 0D07	ഗ 0D17	ധ 0D27	ഷ 0D37	േ 0D47	ൌ 0D57	൧ 0D67	
8	ഈ 0D08	ഘ 0D18	ന 0D28	സ 0D38	ൈ 0D48		൪ 0D68	
9	ഉ 0D09	ങ 0D19	ണ 0D29	ഹ 0D39			൩ 0D69	൯ 0D79
A	ഊ 0D0A	ച 0D1A	പ 0D2A	ട 0D3A	ൊ 0D4A		൪ 0D6A	൯ 0D7A
B	ഋ 0D0B	ൠ 0D1B	ൡ 0D2B		ോ 0D4B		൫ 0D6B	൯ 0D7B
C	ൺ 0D0C	൪ 0D1C	൫ 0D2C		ൌ 0D4C		൩ 0D6C	൯ 0D7C
D		൪ 0D1D	൫ 0D2D	ൺ 0D3D	ൺ 0D4D		൪ 0D6D	൯ 0D7D
E	ഐ 0D0E	ൺ 0D1E	൪ 0D2E	ൺ 0D3E			൪ 0D6E	൯ 0D7E
F	ഐ 0D0F	ൺ 0D1F	൪ 0D2F	ൺ 0D3F			൪ 0D6F	൯ 0D7F









0D01

Malayalam







0D4E

**Various signs**0D01  MALAYALAM SIGN CANDRABINDU0D02  MALAYALAM SIGN ANUSVARA0D03  MALAYALAM SIGN VISARGA**Independent vowels**0D05  MALAYALAM LETTER A0D06  MALAYALAM LETTER AA0D07  MALAYALAM LETTER I0D08  MALAYALAM LETTER II0D09  MALAYALAM LETTER U0D0A  MALAYALAM LETTER UU0D0B  MALAYALAM LETTER VOCALIC R0D0C  MALAYALAM LETTER VOCALIC L0D0D  <reserved>0D0E  MALAYALAM LETTER E0D0F  MALAYALAM LETTER EE0D10  MALAYALAM LETTER AI0D11  <reserved>0D12  MALAYALAM LETTER O0D13  MALAYALAM LETTER OO0D14  MALAYALAM LETTER AU**Consonants**

*Alternate romanizations are shown as aliases for some letters to clarify their identity.*

0D15  MALAYALAM LETTER KA0D16  MALAYALAM LETTER KHA0D17  MALAYALAM LETTER GA0D18  MALAYALAM LETTER GHA0D19  MALAYALAM LETTER NGA0D1A  MALAYALAM LETTER CA  
= cha0D1B  MALAYALAM LETTER CHA  
= chha0D1C  MALAYALAM LETTER JA0D1D  MALAYALAM LETTER JHA0D1E  MALAYALAM LETTER NYA  
= nha0D1F  MALAYALAM LETTER TTA  
= ta0D20  MALAYALAM LETTER TTHA  
= tta0D21  MALAYALAM LETTER DDA  
= hard da0D22  MALAYALAM LETTER DDHA  
= hard dda0D23  MALAYALAM LETTER NNA  
= hard na0D24  MALAYALAM LETTER TA  
= tha0D25  MALAYALAM LETTER THA  
= ttha0D26  MALAYALAM LETTER DA  
= soft da0D27  MALAYALAM LETTER DHA  
= soft dda0D28  MALAYALAM LETTER NA0D29  MALAYALAM LETTER NNNA  
• historic use only0D2A  MALAYALAM LETTER PA0D2B  MALAYALAM LETTER PHA0D2C  MALAYALAM LETTER BA0D2D  MALAYALAM LETTER BHA0D2E  MALAYALAM LETTER MA0D2F  MALAYALAM LETTER YA0D30  MALAYALAM LETTER RA0D31  MALAYALAM LETTER RRA0D32  MALAYALAM LETTER LA0D33  MALAYALAM LETTER LLA0D34  MALAYALAM LETTER LLLA  
= zha0D35  MALAYALAM LETTER VA0D36  MALAYALAM LETTER SHA  
= soft sha0D37  MALAYALAM LETTER SSA  
= sha0D38  MALAYALAM LETTER SA0D39  MALAYALAM LETTER HA0D3A  MALAYALAM LETTER TTTA  
• historic use only**Addition for Sanskrit**0D3D  MALAYALAM SIGN AVAGRAHA  
= praslesham**Dependent vowel signs**0D3E  MALAYALAM VOWEL SIGN AA0D3F  MALAYALAM VOWEL SIGN I0D40  MALAYALAM VOWEL SIGN II0D41  MALAYALAM VOWEL SIGN U0D42  MALAYALAM VOWEL SIGN UU0D43  MALAYALAM VOWEL SIGN VOCALIC R0D44  MALAYALAM VOWEL SIGN VOCALIC L0D45  <reserved>0D46  MALAYALAM VOWEL SIGN E  
• stands to the left of the consonant0D47  MALAYALAM VOWEL SIGN EE  
• stands to the left of the consonant0D48  MALAYALAM VOWEL SIGN AI  
• stands to the left of the consonant**Two-part dependent vowel signs**

*These vowel signs have glyph pieces which stand on both sides of the consonant; they follow the consonant in logical order, and should be handled as a unit for most processing.*

0D4A  MALAYALAM VOWEL SIGN O  
≡ 0D46  0D3E 0D4B  MALAYALAM VOWEL SIGN OO  
≡ 0D47  0D3E 0D4C  MALAYALAM VOWEL SIGN AU  
• archaic form of the /au/ dependent vowel  
→ 0D57  malayalam au length mark  
≡ 0D46  0D57 **Virama**0D4D  MALAYALAM SIGN VIRAMA  
= chandrakkala (the preferred name)  
= vowel half-u**Dot reph**0D4E  MALAYALAM LETTER DOT REPH  
• not used in reformed modern Malayalam orthography

**Various signs**

- 0D57 ീ MALAYALAM AU LENGTH MARK  
 • used alone to write the /au/ dependent vowel in modern texts  
 → 0D4C ു malayalam vowel sign au

**Additional vowels for Sanskrit**



- 0D60 ള MALAYALAM LETTER VOCALIC RR  
 0D61 ഴ MALAYALAM LETTER VOCALIC LL

**Dependent vowels**

- 0D62 െ MALAYALAM VOWEL SIGN VOCALIC L  
 0D63 േ MALAYALAM VOWEL SIGN VOCALIC LL

**Reserved**

*For viram punctuation, use the generic Indic 0964 and 0965.*

- 0D64  <reserved>  
 → 0964 I devanagari danda  
 0D65  <reserved>  
 → 0965 II devanagari double danda

**Digits**

- 0D66 ൦ MALAYALAM DIGIT ZERO  
 0D67 ൧ MALAYALAM DIGIT ONE  
 0D68 ൨ MALAYALAM DIGIT TWO  
 0D69 ൩ MALAYALAM DIGIT THREE  
 0D6A ൪ MALAYALAM DIGIT FOUR  
 0D6B ൫ MALAYALAM DIGIT FIVE  
 0D6C ൬ MALAYALAM DIGIT SIX  
 0D6D ൭ MALAYALAM DIGIT SEVEN  
 0D6E ൮ MALAYALAM DIGIT EIGHT  
 0D6F ൯ MALAYALAM DIGIT NINE

**Malayalam numerics**

- 0D70 ൧൦ MALAYALAM NUMBER TEN  
 0D71 ൧൦൦ MALAYALAM NUMBER ONE HUNDRED  
 0D72 ൧൦൦൦ MALAYALAM NUMBER ONE THOUSAND

**Fractions**

- 0D73 ൧൦൦ MALAYALAM FRACTION ONE QUARTER  
 0D74 ൧൦൦൦ MALAYALAM FRACTION ONE HALF  
 0D75 ൧൦൦൦൦ MALAYALAM FRACTION THREE QUARTERS

**Date mark**

- 0D79 ൩൯ MALAYALAM DATE MARK

**Chillu letters**

- 0D7A ണ് MALAYALAM LETTER CHILLU NN  
 0D7B ണ MALAYALAM LETTER CHILLU N  
 0D7C ണ് MALAYALAM LETTER CHILLU RR  
 • historically derived from the full letter ra  
 • also used for chillu r  
 0D7D ണ് MALAYALAM LETTER CHILLU L  
 • historically derived from the full letter ta  
 • used for chillu t and chillu d  
 0D7E ണ് MALAYALAM LETTER CHILLU LL  
 0D7F ണ് MALAYALAM LETTER CHILLU K

	0D8	0D9	0DA	0DB	0DC	0DD	0DE	0DF
0		ඵ 0D90	ඵ 0DA0	ඵ 0DB0	ඵ 0DC0	ඵ 0DD0		
1		ඵ 0D91	ඵ 0DA1	ඵ 0DB1	ඵ 0DC1	ඵ 0DD1		
2	ඵ 0D82	ඵ 0D92	ඵ 0DA2		ඵ 0DC2	ඵ 0DD2		ඵ 0DF2
3	ඵ 0D83	ඵ 0D93	ඵ 0DA3	ඵ 0DB3	ඵ 0DC3	ඵ 0DD3		ඵ 0DF3
4		ඵ 0D94	ඵ 0DA4	ඵ 0DB4	ඵ 0DC4	ඵ 0DD4		ඵ 0DF4
5	ඵ 0D85	ඵ 0D95	ඵ 0DA5	ඵ 0DB5	ඵ 0DC5			
6	ඵ 0D86	ඵ 0D96	ඵ 0DA6	ඵ 0DB6	ඵ 0DC6	ඵ 0DD6	ඵ 0DE6	
7	ඵ 0D87		ඵ 0DA7	ඵ 0DB7			ඵ 0DE7	
8	ඵ 0D88		ඵ 0DA8	ඵ 0DB8		ඵ 0DD8	ඵ 0DE8	
9	ඵ 0D89		ඵ 0DA9	ඵ 0DB9		ඵ 0DD9	ඵ 0DE9	
A	ඵ 0D8A	ඵ 0D9A	ඵ 0DAA	ඵ 0DBA	ඵ 0DCA	ඵ 0DDA	ඵ 0DEA	
B	ඵ 0D8B	ඵ 0D9B	ඵ 0DAB	ඵ 0DBB		ඵ 0ddb	ඵ 0DEB	
C	ඵ 0D8C	ඵ 0D9C	ඵ 0DAC			ඵ 0DDC	ඵ 0DEC	
D	ඵ 0D8D	ඵ 0D9D	ඵ 0DAD	ඵ 0DBD		ඵ 0DDD	ඵ 0DED	
E	ඵ 0D8E	ඵ 0D9E	ඵ 0DAE			ඵ 0DDE	ඵ 0DEE	
F	ඵ 0D8F	ඵ 0D9F	ඵ 0DAF		ඵ 0DCF	ඵ 0DDF	ඵ 0DEF	

0D82

Sinhala





0DC3

**Various signs**

- 0D82 ◌◌ SINHALA SIGN ANUSVARAYA  
= anusvara
- 0D83 ◌◌ SINHALA SIGN VISARGAYA  
= visarga

**Independent vowels**

- 0D85 අ SINHALA LETTER AYANNA  
= sinhala letter a
- 0D86 ආ SINHALA LETTER AAYANNA  
= sinhala letter aa
- 0D87 ඇ SINHALA LETTER AHEYANNA  
= sinhala letter ae
- 0D88 ඈ SINHALA LETTER AEEYANNA  
= sinhala letter aae
- 0D89 ඉ SINHALA LETTER IYANNA  
= sinhala letter i
- 0D8A ඊ SINHALA LETTER IYANNA  
= sinhala letter ii
- 0D8B උ SINHALA LETTER UYANNA  
= sinhala letter u
- 0D8C ඌ SINHALA LETTER UUYANNA  
= sinhala letter uu
- 0D8D ඍ SINHALA LETTER IRUYANNA  
= sinhala letter vocalic r
- 0D8E ඎ SINHALA LETTER IRUUYANNA  
= sinhala letter vocalic rr
- 0D8F ඔ SINHALA LETTER ILUYANNA  
= sinhala letter vocalic l
- 0D90 ඕ SINHALA LETTER ILUUYANNA  
= sinhala letter vocalic ll
- 0D91 එ SINHALA LETTER EYANNA  
= sinhala letter e
- 0D92 ඒ SINHALA LETTER EYANNA  
= sinhala letter ee
- 0D93 ඔඒ SINHALA LETTER AIYANNA  
= sinhala letter ai
- 0D94 ඔ SINHALA LETTER OYANNA  
= sinhala letter o
- 0D95 ඔඔ SINHALA LETTER OYANNA  
= sinhala letter oo
- 0D96 ඔඔ SINHALA LETTER AUYANNA  
= sinhala letter au
- Consonants**
- 0D9A ක SINHALA LETTER ALPAPRAANA KAYANNA  
= sinhala letter ka
- 0D9B ඛ SINHALA LETTER MAHAAPRAANA KAYANNA  
= sinhala letter kha
- 0D9C ග SINHALA LETTER ALPAPRAANA GAYANNA  
= sinhala letter ga
- 0D9D ඝ SINHALA LETTER MAHAAPRAANA GAYANNA  
= sinhala letter gha
- 0D9E ඞ SINHALA LETTER KANTAJA NAASIKYAYA  
= sinhala letter nga
- 0D9F ඟ SINHALA LETTER SANYAKA GAYANNA  
= sinhala letter nnga
- 0DA0 ච SINHALA LETTER ALPAPRAANA CAYANNA  
= sinhala letter ca
- 0DA1 ඡ SINHALA LETTER MAHAAPRAANA CAYANNA  
= sinhala letter cha
- 0DA2 ඣ SINHALA LETTER ALPAPRAANA JAYANNA  
= sinhala letter ja
- 0DA3 ඤ SINHALA LETTER MAHAAPRAANA JAYANNA  
= sinhala letter jha

- 0DA4 ඞ SINHALA LETTER TAALUJA NAASIKYAYA  
= sinhala letter nya
- 0DA5 ඞ SINHALA LETTER TAALUJA SANYOOGA  
NAASIKYAYA  
= sinhala letter jnya
- 0DA6 ඣ SINHALA LETTER SANYAKA JAYANNA  
= sinhala letter nyja
- 0DA7 ට SINHALA LETTER ALPAPRAANA TTAYANNA  
= sinhala letter tta
- 0DA8 ඨ SINHALA LETTER MAHAAPRAANA TTAYANNA  
= sinhala letter ttha
- 0DA9 ඩ SINHALA LETTER ALPAPRAANA DDAYANNA  
= sinhala letter dda
- 0DAA ඪ SINHALA LETTER MAHAAPRAANA DDAYANNA  
= sinhala letter ddha
- 0DAB ණ SINHALA LETTER MUURDHAJA NAYANNA  
= sinhala letter nna
- 0DAC ඬ SINHALA LETTER SANYAKA DDAYANNA  
= sinhala letter nnda
- 0DAD ඹ SINHALA LETTER ALPAPRAANA TAYANNA  
= sinhala letter ta
- 0DAE ඵ SINHALA LETTER MAHAAPRAANA TAYANNA  
= sinhala letter tha
- 0DAF ද SINHALA LETTER ALPAPRAANA DAYANNA  
= sinhala letter da
- 0DB0 ධ SINHALA LETTER MAHAAPRAANA DAYANNA  
= sinhala letter dha
- 0DB1 න SINHALA LETTER DANTAJA NAYANNA  
= sinhala letter na
- 0DB2  <reserved>
- 0DB3 ද SINHALA LETTER SANYAKA DAYANNA  
= sinhala letter nda
- 0DB4 ජ SINHALA LETTER ALPAPRAANA PAYANNA  
= sinhala letter pa
- 0DB5 ඣ SINHALA LETTER MAHAAPRAANA PAYANNA  
= sinhala letter pha
- 0DB6 ඬ SINHALA LETTER ALPAPRAANA BAYANNA  
= sinhala letter ba
- 0DB7 භ SINHALA LETTER MAHAAPRAANA BAYANNA  
= sinhala letter bha
- 0DB8 ඹ SINHALA LETTER MAYANNA  
= sinhala letter ma
- 0DB9 ඹ SINHALA LETTER AMBA BAYANNA  
= sinhala letter mba
- 0DBA ය SINHALA LETTER YAYANNA  
= sinhala letter ya
- 0DBB ර SINHALA LETTER RAYANNA  
= sinhala letter ra
- 0DBC  <reserved>
- 0DBD ජ SINHALA LETTER DANTAJA LAYANNA  
= sinhala letter la  
• dental
- 0DBE  <reserved>
- 0DBF  <reserved>
- 0DC0 ච SINHALA LETTER VAYANNA  
= sinhala letter va
- 0DC1 ශ SINHALA LETTER TAALUJA SAYANNA  
= sinhala letter sha
- 0DC2 ඡ SINHALA LETTER MUURDHAJA SAYANNA  
= sinhala letter ssa  
• retroflex
- 0DC3 ස SINHALA LETTER DANTAJA SAYANNA  
= sinhala letter sa  
• dental

- 0DC4 ං SINHALA LETTER HAYANNA  
= sinhala letter ha
- 0DC5 ඃ SINHALA LETTER MUURDHAYA LAYANNA  
= sinhala letter lla  
• retroflex
- 0DC6 ඄ SINHALA LETTER FAYANNA  
= sinhala letter fa

**Sign**

- 0DCA ඊ SINHALA SIGN AL-LAKUNA  
= virama

**Dependent vowel signs**

- 0DCF උ SINHALA VOWEL SIGN AELA-PILLA  
= sinhala vowel sign aa
- 0DD0 ඌ SINHALA VOWEL SIGN KETTI AEDA-PILLA  
= sinhala vowel sign ae
- 0DD1 ඍ SINHALA VOWEL SIGN DIGA AEDA-PILLA  
= sinhala vowel sign aae
- 0DD2 ඎ SINHALA VOWEL SIGN KETTI IS-PILLA  
= sinhala vowel sign i
- 0DD3 ඏ SINHALA VOWEL SIGN DIGA IS-PILLA  
= sinhala vowel sign ii
- 0DD4 ඐ SINHALA VOWEL SIGN KETTI PAA-PILLA  
= sinhala vowel sign u
- 0DD5 එ <reserved>
- 0DD6 ඒ SINHALA VOWEL SIGN DIGA PAA-PILLA  
= sinhala vowel sign uu
- 0DD7 ඓ <reserved>
- 0DD8 ඔ ො SINHALA VOWEL SIGN GAETTA-PILLA  
= sinhala vowel sign vocalic r
- 0DD9 ඕ ෝ SINHALA VOWEL SIGN KOMBUVA  
= sinhala vowel sign e
- 0DDA ඖ ෞ SINHALA VOWEL SIGN DIGA KOMBUVA  
= sinhala vowel sign ee  
≡ 0DD9 ෝ 0DCA ඊ
- 0ddb ෟ SINHALA VOWEL SIGN KOMBU DEKA  
= sinhala vowel sign ai

**Two-part dependent vowel signs**

*These vowel signs have glyph pieces which stand on both sides of the consonant; they follow the consonant in logical order, and should be handled as a unit for most processing.*

- 0DDC ෧ ෧ SINHALA VOWEL SIGN KOMBUVA HAA AELA-PILLA  
= sinhala vowel sign o  
≡ 0DD9 ෝ 0DCF උ
- 0DDD ෧ ෧ SINHALA VOWEL SIGN KOMBUVA HAA DIGA AELA-PILLA  
= sinhala vowel sign oo  
≡ 0DDC ෧ ෧ 0DCA ඊ
- 0DDE ෧ ෧ SINHALA VOWEL SIGN KOMBUVA HAA GAYANUKITTA  
= sinhala vowel sign au  
≡ 0DD9 ෝ 0DDF ෧ ෧

**Dependent vowel sign**

- 0DDF ෧ ෧ SINHALA VOWEL SIGN GAYANUKITTA  
= sinhala vowel sign vocalic l

**Astrological digits**

*These digits also known as Sinhala Lith Illakkam have been primarily used for writing horoscopes. This number system has a zero place holder concept unlike the Sinhala archaic numbers, Sinhala Illakkam, encoded in the 111E0-111FF range.*

- |        |                          |
|--------|--------------------------|
| 0DE6 ෧ | SINHALA LITH DIGIT ZERO  |
| 0DE7 ෨ | SINHALA LITH DIGIT ONE   |
| 0DE8 ෩ | SINHALA LITH DIGIT TWO   |
| 0DE9 ෪ | SINHALA LITH DIGIT THREE |
| 0DEA ෫ | SINHALA LITH DIGIT FOUR  |
| 0DEB ෬ | SINHALA LITH DIGIT FIVE  |
| 0DEC ෭ | SINHALA LITH DIGIT SIX   |
| 0DED ෮ | SINHALA LITH DIGIT SEVEN |
| 0DEE ෯ | SINHALA LITH DIGIT EIGHT |
| 0DEF ෰ | SINHALA LITH DIGIT NINE  |

**Additional dependent vowel signs**

- 0DF2 ෧ ෧ SINHALA VOWEL SIGN DIGA GAETTA-PILLA  
= sinhala vowel sign vocalic rr
- 0DF3 ෧ ෧ SINHALA VOWEL SIGN DIGA GAYANUKITTA  
= sinhala vowel sign vocalic ll

**Punctuation**

- 0DF4 ෧ ෧ SINHALA PUNCTUATION KUNDDALIYA

	190	191	192	193	194
0	𑄀 1900	𑄁 1910	𑄂 1920	𑄃 1930	𑄄 1940
1	𑄅 1901	𑄆 1911	𑄇 1921	𑄈 1931	
2	𑄉 1902	𑄊 1912	𑄋 1922	𑄌 1932	
3	𑄍 1903	𑄎 1913	𑄏 1923	𑄐 1933	
4	𑄑 1904	𑄒 1914	𑄓 1924	𑄔 1934	𑄕 1944
5	𑄖 1905	𑄗 1915	𑄘 1925	𑄙 1935	𑄚 1945
6	𑄛 1906	𑄜 1916	𑄝 1926	𑄞 1936	𑄟 1946
7	𑄠 1907	𑄡 1917	𑄢 1927	𑄣 1937	𑄤 1947
8	𑄥 1908	𑄦 1918	𑄧 1928	𑄨 1938	𑄩 1948
9	𑄪 1909	𑄫 1919	𑄬 1929	𑄭 1939	𑄮 1949
A	𑄯 190A	𑄰 191A	𑄱 192A	𑄲 193A	𑄳 194A
B	𑄴 190B	𑄵 191B	𑄶 192B	𑄷 193B	𑄸 194B
C	𑄹 190C	𑄺 191C			𑄻 194C
D	𑄼 190D	𑄽 191D			𑄾 194D
E	𑄿 190E	𑅀 191E			𑅁 194E
F	𑅂 190F				𑅃 194F

**Consonants**

1900	𑄀	LIMBU VOWEL-CARRIER LETTER
1901	𑄁	LIMBU LETTER KA
1902	𑄂	LIMBU LETTER KHA
1903	𑄃	LIMBU LETTER GA
1904	𑄄	LIMBU LETTER GHA
1905	𑄅	LIMBU LETTER NGA
1906	𑄆	LIMBU LETTER CA
1907	𑄇	LIMBU LETTER CHA
1908	𑄈	LIMBU LETTER JA
1909	𑄉	LIMBU LETTER JHA
190A	𑄊	LIMBU LETTER YAN
190B	𑄋	LIMBU LETTER TA
190C	𑄌	LIMBU LETTER THA
190D	𑄍	LIMBU LETTER DA
190E	𑄎	LIMBU LETTER DHA
190F	𑄏	LIMBU LETTER NA
1910	𑄐	LIMBU LETTER PA
1911	𑄑	LIMBU LETTER PHA
1912	𑄒	LIMBU LETTER BA
1913	𑄓	LIMBU LETTER BHA
1914	𑄔	LIMBU LETTER MA
1915	𑄕	LIMBU LETTER YA
1916	𑄖	LIMBU LETTER RA
1917	𑄗	LIMBU LETTER LA
1918	𑄘	LIMBU LETTER WA
1919	𑄙	LIMBU LETTER SHA
191A	𑄚	LIMBU LETTER SSA
191B	𑄛	LIMBU LETTER SA
191C	𑄜	LIMBU LETTER HA
191D	𑄝	LIMBU LETTER GYAN = jnya
191E	𑄞	LIMBU LETTER TRA

**Dependent vowel signs**

1920	𑄟	LIMBU VOWEL SIGN A
1921	𑄠	LIMBU VOWEL SIGN I
1922	𑄡	LIMBU VOWEL SIGN U
1923	𑄢	LIMBU VOWEL SIGN EE
1924	𑄣	LIMBU VOWEL SIGN AI
1925	𑄤	LIMBU VOWEL SIGN OO
1926	𑄥	LIMBU VOWEL SIGN AU
1927	𑄦	LIMBU VOWEL SIGN E
1928	𑄧	LIMBU VOWEL SIGN O

**Subjoined consonants**

1929	𑄨	LIMBU SUBJOINED LETTER YA
192A	𑄩	LIMBU SUBJOINED LETTER RA
192B	𑄪	LIMBU SUBJOINED LETTER WA

**Final consonants**

1930	𑄫	LIMBU SMALL LETTER KA
1931	𑄬	LIMBU SMALL LETTER NGA
1932	𑄭	LIMBU SMALL LETTER ANUSVARA
1933	𑄮	LIMBU SMALL LETTER TA
1934	𑄯	LIMBU SMALL LETTER NA
1935	𑄰	LIMBU SMALL LETTER PA
1936	𑄱	LIMBU SMALL LETTER MA
1937	𑄲	LIMBU SMALL LETTER RA
1938	𑄳	LIMBU SMALL LETTER LA

**Various signs**

1939	𑄴	LIMBU SIGN MUKPHRENG
193A	𑄵	LIMBU SIGN KEMPHRENG

193B	𑄶	LIMBU SIGN SA-I
193C	𑄷	<reserved>
193D	𑄸	<reserved>
193E	𑄹	<reserved>
193F	𑄺	<reserved>
1940	𑄻	LIMBU SIGN LOO
1941	𑄼	<reserved>
1942	𑄽	<reserved>
1943	𑄾	<reserved>
1944	𑄿	LIMBU EXCLAMATION MARK
1945	𑅀	LIMBU QUESTION MARK

































































**Digits**

1946	0	LIMBU DIGIT ZERO
1947	𑅁	LIMBU DIGIT ONE
1948	𑅂	LIMBU DIGIT TWO
1949	𑅃	LIMBU DIGIT THREE
194A	𑅄	LIMBU DIGIT FOUR
194B	𑅅	LIMBU DIGIT FIVE
194C	𑅆	LIMBU DIGIT SIX
194D	𑅇	LIMBU DIGIT SEVEN
194E	𑅈	LIMBU DIGIT EIGHT
194F	𑅉	LIMBU DIGIT NINE

	1AB	1AC	1AD	1AE	1AF
0	 1AB0				
1	 1AB1				
2	 1AB2				
3	 1AB3				
4	 1AB4				
5	 1AB5				
6	 1AB6				
7	 1AB7				
8	 1AB8				
9	 1AB9				
A	 1ABA				
B	 1ABB				
C	 1ABC				
D	 1ABD				
E	 1ABE				
F					





	1DC	1DD	1DE	1DF
0	 1DC0	 1DD0	 1DE0	 1DF0
1	 1DC1	 1DD1	 1DE1	 1DF1
2	 1DC2	 1DD2	 1DE2	 1DF2
3	 1DC3	 1DD3	 1DE3	 1DF3
4	 1DC4	 1DD4	 1DE4	 1DF4
5	 1DC5	 1DD5	 1DE5	
6	 1DC6	 1DD6	 1DE6	
7	 1DC7	 1DD7	 1DE7	
8	 1DC8	 1DD8	 1DE8	
9	 1DC9	 1DD9	 1DE9	
A	 1DCA	 1DDA	 1DEA	
B	 1DCB	 1ddb	 1DEB	
C	 1DCC	 1DDC	 1DEC	 1DFC
D	 1DCD	 1DDD	 1DED	 1DFD
E	 1DCE	 1DDE	 1DEE	 1DFE
F	 1DCF	 1DDF	 1DEF	 1DFF

**Used for Ancient Greek**

*These are used as editorial signs for Ancient Greek to indicate scribal deletion of erroneous accent marks.*

- 1DC0 ◌̣ COMBINING DOTTED GRAVE ACCENT  
→ 1FED ◌̣ greek dialytika and varia
- 1DC1 ◌̣̣ COMBINING DOTTED ACUTE ACCENT  
→ 0344 ◌̣̣ combining greek dialytika tonos  
→ 1FEE ◌̣̣ greek dialytika and oxia

**Miscellaneous marks**

- 1DC2 ◌̣̈ COMBINING SNAKE BELOW
- 1DC3 ◌̣̈ COMBINING SUSPENSION MARK  
• Glagolitic  
→ 0306 ◌̣̈ combining breve

**Contour tone marks**

- 1DC4 ◌̣̈ COMBINING MACRON-ACUTE
- 1DC5 ◌̣̈ COMBINING GRAVE-MACRON
- 1DC6 ◌̣̈ COMBINING MACRON-GRAVE
- 1DC7 ◌̣̈ COMBINING ACUTE-MACRON
- 1DC8 ◌̣̈ COMBINING GRAVE-ACUTE-GRAVE
- 1DC9 ◌̣̈ COMBINING ACUTE-GRAVE-ACUTE

**Miscellaneous mark**

- 1DCA ◌̣̈ COMBINING LATIN SMALL LETTER R BELOW

**Contour tone marks**

- 1DCB ◌̣̈ COMBINING BREVE-MACRON  
• Lithuanian dialectology
- 1DCC ◌̣̈ COMBINING MACRON-BREVE  
• Lithuanian dialectology

**Double diacritic**

- 1DCD ◌̣̈ COMBINING DOUBLE CIRCUMFLEX ABOVE

**Medievalist additions**

- 1DCE ◌̣̈ COMBINING OGONEK ABOVE
- 1DCF ◌̣̈ COMBINING ZIGZAG BELOW
- 1DD0 ◌̣̈ COMBINING IS BELOW
- 1DD1 ◌̣̈ COMBINING UR ABOVE
- 1DD2 ◌̣̈ COMBINING US ABOVE

**Medieval superscript letter diacritics**

- 1DD3 ◌̣̈ COMBINING LATIN SMALL LETTER FLATTENED OPEN A ABOVE
- 1DD4 ◌̣̈ COMBINING LATIN SMALL LETTER AE
- 1DD5 ◌̣̈ COMBINING LATIN SMALL LETTER AO
- 1DD6 ◌̣̈ COMBINING LATIN SMALL LETTER AV
- 1DD7 ◌̣̈ COMBINING LATIN SMALL LETTER C CEDILLA
- 1DD8 ◌̣̈ COMBINING LATIN SMALL LETTER INSULAR D
- 1DD9 ◌̣̈ COMBINING LATIN SMALL LETTER ETH
- 1DDA ◌̣̈ COMBINING LATIN SMALL LETTER G
- 1ddb ◌̣̈ COMBINING LATIN LETTER SMALL CAPITAL G
- 1DDC ◌̣̈ COMBINING LATIN SMALL LETTER K
- 1DDD ◌̣̈ COMBINING LATIN SMALL LETTER L
- 1DDE ◌̣̈ COMBINING LATIN LETTER SMALL CAPITAL L
- 1DDF ◌̣̈ COMBINING LATIN LETTER SMALL CAPITAL M
- 1DE0 ◌̣̈ COMBINING LATIN SMALL LETTER N
- 1DE1 ◌̣̈ COMBINING LATIN LETTER SMALL CAPITAL N
- 1DE2 ◌̣̈ COMBINING LATIN LETTER SMALL CAPITAL R
- 1DE3 ◌̣̈ COMBINING LATIN SMALL LETTER R ROTUNDA
- 1DE4 ◌̣̈ COMBINING LATIN SMALL LETTER S
- 1DE5 ◌̣̈ COMBINING LATIN SMALL LETTER LONG S
- 1DE6 ◌̣̈ COMBINING LATIN SMALL LETTER Z

**Superscript letter diacritics for German dialectology**

- 1DE7 ◌̣̈ COMBINING LATIN SMALL LETTER ALPHA
- 1DE8 ◌̣̈ COMBINING LATIN SMALL LETTER B
- 1DE9 ◌̣̈ COMBINING LATIN SMALL LETTER BETA
- 1DEA ◌̣̈ COMBINING LATIN SMALL LETTER SCHWA
- 1DEB ◌̣̈ COMBINING LATIN SMALL LETTER F
- 1DEC ◌̣̈ COMBINING LATIN SMALL LETTER L WITH DOUBLE MIDDLE TILDE
- 1DED ◌̣̈ COMBINING LATIN SMALL LETTER O WITH LIGHT CENTRALIZATION STROKE
- 1DEE ◌̣̈ COMBINING LATIN SMALL LETTER P
- 1DEF ◌̣̈ COMBINING LATIN SMALL LETTER ESH
- 1DF0 ◌̣̈ COMBINING LATIN SMALL LETTER U WITH LIGHT CENTRALIZATION STROKE
- 1DF1 ◌̣̈ COMBINING LATIN SMALL LETTER W
- 1DF2 ◌̣̈ COMBINING LATIN SMALL LETTER A WITH DIAERESIS
- 1DF3 ◌̣̈ COMBINING LATIN SMALL LETTER O WITH DIAERESIS
- 1DF4 ◌̣̈ COMBINING LATIN SMALL LETTER U WITH DIAERESIS

**Double diacritic mark for UPA**

















































































































- 1DFC ◌̣̈ COMBINING DOUBLE INVERTED BREVE BELOW

**Miscellaneous mark**

- 1DFD ◌̣̈ COMBINING ALMOST EQUAL TO BELOW

**Additional marks for UPA**

- 1DFE ◌̣̈ COMBINING LEFT ARROWHEAD ABOVE
- 1DFE ◌̣̈ COMBINING RIGHT ARROWHEAD AND DOWN ARROWHEAD BELOW

	219	21A	21B	21C	21D	21E	21F
0	 2190	 21A0	 21B0	 21C0	 21D0	 21E0	 21F0
1	 2191	 21A1	 21B1	 21C1	 21D1	 21E1	 21F1
2	 2192	 21A2	 21B2	 21C2	 21D2	 21E2	 21F2
3	 2193	 21A3	 21B3	 21C3	 21D3	 21E3	 21F3
4	 2194	 21A4	 21B4	 21C4	 21D4	 21E4	 21F4
5	 2195	 21A5	 21B5	 21C5	 21D5	 21E5	 21F5
6	 2196	 21A6	 21B6	 21C6	 21D6	 21E6	 21F6
7	 2197	 21A7	 21B7	 21C7	 21D7	 21E7	 21F7
8	 2198	 21A8	 21B8	 21C8	 21D8	 21E8	 21F8
9	 2199	 21A9	 21B9	 21C9	 21D9	 21E9	 21F9
A	 219A	 21AA	 21BA	 21CA	 21DA	 21EA	 21FA
B	 219B	 21AB	 21BB	 21CB	 21DB	 21EB	 21FB
C	 219C	 21AC	 21BC	 21CC	 21DC	 21EC	 21FC
D	 219D	 21AD	 21BD	 21CD	 21DD	 21ED	 21FD
E	 219E	 21AE	 21BE	 21CE	 21DE	 21EE	 21FE
F	 219F	 21AF	 21BF	 21CF	 21DF	 21EF	 21FF

**Simple arrows**

2190	←	LEFTWARDS ARROW → 20EA ⇐ combining leftwards arrow overlay
2191	↑	UPWARDS ARROW • IPA: egressive airflow
2192	→	RIGHTWARDS ARROW = z notation total function
2193	↓	DOWNWARDS ARROW • IPA: ingressive airflow
2194	↔	LEFT RIGHT ARROW = z notation relation
2195	↕	UP DOWN ARROW
2196	↖	NORTH WEST ARROW
2197	↗	NORTH EAST ARROW
2198	↘	SOUTH EAST ARROW
2199	↙	SOUTH WEST ARROW

**Arrows with modifications**

219A	↵	LEFTWARDS ARROW WITH STROKE • negation of 2190 ← ≡ 2190 ← 0338 ⚭
219B	↶	RIGHTWARDS ARROW WITH STROKE • negation of 2192 → ≡ 2192 → 0338 ⚭
219C	↷	LEFTWARDS WAVE ARROW → 2B3F ↵ wave arrow pointing directly left
219D	↸	RIGHTWARDS WAVE ARROW
219E	↵	LEFTWARDS TWO HEADED ARROW = fast cursor left
219F	↶	UPWARDS TWO HEADED ARROW = fast cursor up
21A0	↷	RIGHTWARDS TWO HEADED ARROW = z notation total surjection = fast cursor right
21A1	↸	DOWNWARDS TWO HEADED ARROW = form feed = fast cursor down
21A2	↵	LEFTWARDS ARROW WITH TAIL
21A3	↶	RIGHTWARDS ARROW WITH TAIL = z notation total injection
21A4	↵	LEFTWARDS ARROW FROM BAR
21A5	↶	UPWARDS ARROW FROM BAR
21A6	↷	RIGHTWARDS ARROW FROM BAR = z notation maplet
21A7	↸	DOWNWARDS ARROW FROM BAR = depth symbol
21A8	↵	UP DOWN ARROW WITH BASE
21A9	↶	LEFTWARDS ARROW WITH HOOK
21AA	↷	RIGHTWARDS ARROW WITH HOOK
21AB	↶	LEFTWARDS ARROW WITH LOOP
21AC	↷	RIGHTWARDS ARROW WITH LOOP
21AD	↷	LEFT RIGHT WAVE ARROW
21AE	↵	LEFT RIGHT ARROW WITH STROKE • negation of 2194 ↔ ≡ 2194 ↔ 0338 ⚭
21AF	↻	DOWNWARDS ZIGZAG ARROW = electrolysis

**Arrows with bent tips**

*Other arrows with bent tips to complete this set can be found in the Miscellaneous Symbols and Arrows block.*

21B0	↵	UPWARDS ARROW WITH TIP LEFTWARDS
21B1	↶	UPWARDS ARROW WITH TIP RIGHTWARDS
21B2	↷	DOWNWARDS ARROW WITH TIP LEFTWARDS

21B3	↸	DOWNWARDS ARROW WITH TIP RIGHTWARDS
------	---	-------------------------------------

**Keyboard symbols and circle arrows**

21B4	↵	RIGHTWARDS ARROW WITH CORNER DOWNWARDS = line feed
21B5	↶	DOWNWARDS ARROW WITH CORNER LEFTWARDS • may indicate a carriage return or new line → 23CE ↵ return symbol
21B6	↷	ANTICLOCKWISE TOP SEMICIRCLE ARROW
21B7	↸	CLOCKWISE TOP SEMICIRCLE ARROW
21B8	↖	NORTH WEST ARROW TO LONG BAR = home
21B9	↵	LEFTWARDS ARROW TO BAR OVER RIGHTWARDS ARROW TO BAR = tab with shift tab
21BA	↶	ANTICLOCKWISE OPEN CIRCLE ARROW
21BB	↷	CLOCKWISE OPEN CIRCLE ARROW

**Harpoons**

21BC	↵	LEFTWARDS HARPOON WITH BARB UPWARDS
21BD	↶	LEFTWARDS HARPOON WITH BARB DOWNWARDS
21BE	↶	UPWARDS HARPOON WITH BARB RIGHTWARDS
21BF	↶	UPWARDS HARPOON WITH BARB LEFTWARDS
21C0	↶	RIGHTWARDS HARPOON WITH BARB UPWARDS
21C1	↶	RIGHTWARDS HARPOON WITH BARB DOWNWARDS
21C2	↷	DOWNWARDS HARPOON WITH BARB RIGHTWARDS
21C3	↷	DOWNWARDS HARPOON WITH BARB LEFTWARDS

**Paired arrows and harpoons**

21C4	↷	RIGHTWARDS ARROW OVER LEFTWARDS ARROW
21C5	↶	UPWARDS ARROW LEFTWARDS OF DOWNWARDS ARROW
21C6	↷	LEFTWARDS ARROW OVER RIGHTWARDS ARROW
21C7	↷	LEFTWARDS PAIRED ARROWS
21C8	↶	UPWARDS PAIRED ARROWS
21C9	↷	RIGHTWARDS PAIRED ARROWS
21CA	↷	DOWNWARDS PAIRED ARROWS
21CB	↷	LEFTWARDS HARPOON OVER RIGHTWARDS HARPOON
21CC	↷	RIGHTWARDS HARPOON OVER LEFTWARDS HARPOON

**Double arrows**

21CD	↷	LEFTWARDS DOUBLE ARROW WITH STROKE • negation of 21D0 ⇐ ≡ 21D0 ⇐ 0338 ⚭
21CE	↷	LEFT RIGHT DOUBLE ARROW WITH STROKE • negation of 21D4 ⇐ ≡ 21D4 ⇐ 0338 ⚭
21CF	↷	RIGHTWARDS DOUBLE ARROW WITH STROKE • negation of 21D2 ⇐ ≡ 21D2 ⇐ 0338 ⚭
21D0	⇐	LEFTWARDS DOUBLE ARROW
21D1	⇑	UPWARDS DOUBLE ARROW
21D2	⇓	RIGHTWARDS DOUBLE ARROW
21D3	⇓	DOWNWARDS DOUBLE ARROW

## 21D4

## Arrows

## 21FF

21D4 ⇔ LEFT RIGHT DOUBLE ARROW  
 21D5 ⇕ UP DOWN DOUBLE ARROW  
 21D6 ↖ NORTH WEST DOUBLE ARROW  
 21D7 ↗ NORTH EAST DOUBLE ARROW  
 21D8 ↘ SOUTH EAST DOUBLE ARROW  
 21D9 ↙ SOUTH WEST DOUBLE ARROW

**Miscellaneous arrows and keyboard symbols**

21DA ⇐ LEFTWARDS TRIPLE ARROW  
 21DB ⇒ RIGHTWARDS TRIPLE ARROW  
 21DC ⇐ LEFTWARDS SQUIGGLE ARROW  
 → 2B33 ⇐ long leftwards squiggle arrow  
 21DD ⇐ RIGHTWARDS SQUIGGLE ARROW  
 21DE † UPWARDS ARROW WITH DOUBLE STROKE  
 = page up  
 21DF ‡ DOWNWARDS ARROW WITH DOUBLE STROKE  
 = page down  
 21E0 ⇐ LEFTWARDS DASHED ARROW  
 21E1 † UPWARDS DASHED ARROW  
 21E2 ⇐ RIGHTWARDS DASHED ARROW  
 21E3 ‡ DOWNWARDS DASHED ARROW  
 21E4 ← LEFTWARDS ARROW TO BAR  
 = leftward tab  
 21E5 → RIGHTWARDS ARROW TO BAR  
 = rightward tab

**White arrows and keyboard symbols**

21E6 ⇐ LEFTWARDS WHITE ARROW  
 → 2B00 ↗ north east white arrow  
 21E7 † UPWARDS WHITE ARROW  
 = shift  
 = level 2 select (ISO 9995-7)  
 21E8 ⇐ RIGHTWARDS WHITE ARROW  
 = group select (ISO 9995-7)  
 21E9 ‡ DOWNWARDS WHITE ARROW  
 21EA † UPWARDS WHITE ARROW FROM BAR  
 = caps lock  
 21EB † UPWARDS WHITE ARROW ON PEDESTAL  
 = level 2 lock  
 21EC † UPWARDS WHITE ARROW ON PEDESTAL WITH  
 HORIZONTAL BAR  
 = capitals (caps) lock  
 21ED † UPWARDS WHITE ARROW ON PEDESTAL WITH  
 VERTICAL BAR  
 = numeric lock  
 21EE † UPWARDS WHITE DOUBLE ARROW  
 = level 3 select  
 21EF † UPWARDS WHITE DOUBLE ARROW ON  
 PEDESTAL  
 = level 3 lock  
 21F0 ⇐ RIGHTWARDS WHITE ARROW FROM WALL  
 = group lock  
 21F1 ↖ NORTH WEST ARROW TO CORNER  
 = home  
 21F2 ↘ SOUTH EAST ARROW TO CORNER  
 = end  
 21F3 ⇕ UP DOWN WHITE ARROW  
 = scrolling  
 → 2B04 ⇔ left right white arrow

**Miscellaneous arrows**

21F4 ⇐ RIGHT ARROW WITH SMALL CIRCLE  
 → 2B30 ⇐ left arrow with small circle  
 21F5 † DOWNWARDS ARROW LEFTWARDS OF  
 UPWARDS ARROW

21F6 ⇐ THREE RIGHTWARDS ARROWS  
 → 2B31 ⇐ three leftwards arrows  
 21F7 ⇐ LEFTWARDS ARROW WITH VERTICAL STROKE  
 21F8 ⇐ RIGHTWARDS ARROW WITH VERTICAL STROKE  
 = z notation partial function  
 21F9 ⇐ LEFT RIGHT ARROW WITH VERTICAL STROKE  
 = z notation partial relation  
 21FA ⇐ LEFTWARDS ARROW WITH DOUBLE VERTICAL  
 STROKE  
 21FB ⇐ RIGHTWARDS ARROW WITH DOUBLE VERTICAL  
 STROKE  
 = z notation finite function  
 21FC ⇐ LEFT RIGHT ARROW WITH DOUBLE VERTICAL  
 STROKE  
 = z notation finite relation  
 21FD ⇐ LEFTWARDS OPEN-HEADED ARROW  
 21FE → RIGHTWARDS OPEN-HEADED ARROW  
 21FF ⇐ LEFT RIGHT OPEN-HEADED ARROW

	230	231	232	233	234	235	236	237	238	239	23A	23B	23C	23D	23E	23F
0	2300	2310	2320	2330	2340	2350	2360	2370	2380	2390	23A0	23B0	23C0	23D0	23E0	23F0
1	2301	2311	2321	2331	2341	2351	2361	2371	2381	2391	23A1	23B1	23C1	23D1	23E1	23F1
2	2302	2312	2322	2332	2342	2352	2362	2372	2382	2392	23A2	23B2	23C2	23D2	23E2	23F2
3	2303	2313	2323	2333	2343	2353	2363	2373	2383	2393	23A3	23B3	23C3	23D3	23E3	23F3
4	2304	2314	2324	2334	2344	2354	2364	2374	2384	2394	23A4	23B4	23C4	23D4	23E4	23F4
5	2305	2315	2325	2335	2345	2355	2365	2375	2385	2395	23A5	23B5	23C5	23D5	23E5	23F5
6	2306	2316	2326	2336	2346	2356	2366	2376	2386	2396	23A6	23B6	23C6	23D6	23E6	23F6
7	2307	2317	2327	2337	2347	2357	2367	2377	2387	2397	23A7	23B7	23C7	23D7	23E7	23F7
8	2308	2318	2328	2338	2348	2358	2368	2378	2388	2398	23A8	23B8	23C8	23D8	23E8	23F8
9	2309	2319	2329	2339	2349	2359	2369	2379	2389	2399	23A9	23B9	23C9	23D9	23E9	23F9
A	230A	231A	232A	233A	234A	235A	236A	237A	238A	239A	23AA	23BA	23CA	23DA	23EA	23FA
B	230B	231B	232B	233B	234B	235B	236B	237B	238B	239B	23AB	23BB	23CB	23DB	23EB	23FB
C	230C	231C	232C	233C	234C	235C	236C	237C	238C	239C	23AC	23BC	23CC	23DC	23EC	23FC
D	230D	231D	232D	233D	234D	235D	236D	237D	238D	239D	23AD	23BD	23CD	23DD	23ED	23FD
E	230E	231E	232E	233E	234E	235E	236E	237E	238E	239E	23AE	23BE	23CE	23DE	23EE	23FE
F	230F	231F	232F	233F	234F	235F	236F	237F	238F	239F	23AF	23BF	23CF	23DF	23EF	23FF

**Miscellaneous technical**

- 2300 ∅ DIAMETER SIGN  
→ 2205 ∅ empty set
- 2301 ↘ ELECTRIC ARROW  
• from ISO 2047  
• symbol for End of Transmission
- 2302 ☰ HOUSE
- 2303 ^ UP ARROWHEAD  
→ 005E ^ circumflex accent  
→ 02C4 ^ modifier letter up arrowhead  
→ 2038 ^ caret  
→ 2227 ^ logical and
- 2304 v DOWN ARROWHEAD  
→ 02C5 v modifier letter down arrowhead  
→ 2228 v logical or  
→ 2335 v countersink
- 2305 ⊘ PROJECTIVE  
→ 22BC ⊘ nand
- 2306 ≙ PERSPECTIVE
- 2307 ~ WAVY LINE  
→ 3030 ~ wavy dash

**Ceilings and floors**

*These characters are tall and narrow mathematical delimiters, in contrast to the quine corners or half brackets. They are also distinct from CJK corner brackets, which are wide quotation marks.*

- 2308 ⌈ LEFT CEILING  
= APL upstile  
→ 2E22 ⌈ top left half bracket  
→ 300C ⌈ left corner bracket
- 2309 ⌉ RIGHT CEILING  
→ 20E7 ⌉ combining annuity symbol  
→ 2E23 ⌉ top right half bracket
- 230A ⌋ LEFT FLOOR  
= APL downstile  
→ 2E24 ⌋ bottom left half bracket
- 230B ⌋ RIGHT FLOOR  
→ 300D ⌋ right corner bracket  
→ 2E25 ⌋ bottom right half bracket

**Crops**

- 230C ⌞ BOTTOM RIGHT CROP  
• set of four “crop” corners, arranged facing outward
- 230D ⌟ BOTTOM LEFT CROP
- 230E ⌠ TOP RIGHT CROP
- 230F ⌡ TOP LEFT CROP

**Miscellaneous technical**

- 2310 ⇐ REVERSED NOT SIGN  
= beginning of line  
→ 00AC ⇐ not sign
- 2311 ◻ SQUARE LOZENGE  
= Kissen (pillow)  
• used as a command delimiter in some very old computers
- 2312 ⤵ ARC  
= position of any line  
→ 25E0 ⤵ upper half circle
- 2313 ⤴ SEGMENT  
= position of a surface
- 2314 ⤵ SECTOR
- 2315 ⓞ TELEPHONE RECORDER

- 2316 ⊕ POSITION INDICATOR  
= true position
- 2317 ⊞ VIEWDATA SQUARE  
→ 22D5 ⊞ equal and parallel to
- 2318 ⌘ PLACE OF INTEREST SIGN  
= command key (1.0)  
= operating system key (ISO 9995-7)
- 2319 ⊣ TURNED NOT SIGN  
= line marker

**User interface symbols**

- 231A ⌚ WATCH  
→ 23F0 ⌚ alarm clock  
→ 1F550 ⌚ clock face one o'clock
- 231B ⌚ HOURGLASS  
= alchemical symbol for hour

**Quine corners**

*These form a set of four quine corners, for quincuncial arrangement. They are also used in upper and lower pairs in mathematic, or more rarely in editorial usage as alternatives to half brackets.*

- 231C ⌜ TOP LEFT CORNER  
→ 2E00 ⌜ right angle substitution marker  
→ 2E22 ⌜ top left half bracket
- 231D ⌝ TOP RIGHT CORNER
- 231E ⌞ BOTTOM LEFT CORNER
- 231F ⌟ BOTTOM RIGHT CORNER

**Integral pieces**

- 2320 ∫ TOP HALF INTEGRAL  
→ 23AE ∫ integral extension
- 2321 ∫ BOTTOM HALF INTEGRAL

**Frown and smile**

- 2322 ☹ FROWN  
→ 2040 ☹ character tie
- 2323 ☺ SMILE  
→ 203F ☺ undertie

**Keyboard symbols**

- 2324 ⌨ UP ARROWHEAD BETWEEN TWO HORIZONTAL BARS  
= enter key
- 2325 ⌘ OPTION KEY
- 2326 ☒ ERASE TO THE RIGHT  
= delete to the right key
- 2327 ☒ X IN A RECTANGLE BOX  
= clear key
- 2328 ⌨ KEYBOARD

**Deprecated angle brackets**

*These characters are deprecated and are strongly discouraged for mathematical use because of their canonical equivalence to CJK punctuation.*

- 2329 < LEFT-POINTING ANGLE BRACKET  
→ 003C < less-than sign  
→ 2039 < single left-pointing angle quotation mark  
→ 27E8 < mathematical left angle bracket  
≡ 3008 < left angle bracket



- 232A } RIGHT-POINTING ANGLE BRACKET  
 → 003E > greater-than sign  
 → 203A > single right-pointing angle quotation mark  
 → 27E9 } mathematical right angle bracket  
 ≡ 3009 } right angle bracket

**Keyboard symbol**

- 232B ☒ ERASE TO THE LEFT  
 = delete to the left key

**Chemistry symbol**

- 232C ⬡ BENZENE RING

**Drafting symbols**

- 232D ⚫ CYLINDRICITY  
 232E ⚫ ALL AROUND-PROFILE  
 232F + SYMMETRY  
 2330 ⚫ TOTAL RUNOUT  
 2331 ⚫ DIMENSION ORIGIN  
 2332 ⚫ CONICAL TAPER  
 2333 ⚫ SLOPE  
 → 25FA ⚫ lower left triangle  
 2334 ⚫ COUNTERBORE  
 → 2423 ⚫ open box  
 2335 √ COUNTERSINK  
 → 2304 √ down arrowhead

**APL**

- 2336 ⊥ APL FUNCTIONAL SYMBOL I-BEAM  
 2337 ⊥ APL FUNCTIONAL SYMBOL SQUISH QUAD  
 → 2395 ⊥ apl functional symbol quad  
 → 25AF ⊥ white vertical rectangle  
 → 2AFF ⊥ n-ary white vertical bar  
 2338 ⊥ APL FUNCTIONAL SYMBOL QUAD EQUAL  
 2339 ⊥ APL FUNCTIONAL SYMBOL QUAD DIVIDE  
 233A ⊥ APL FUNCTIONAL SYMBOL QUAD DIAMOND  
 → 26CB ⊥ white diamond in square  
 233B ⊥ APL FUNCTIONAL SYMBOL QUAD JOT  
 → 29C7 ⊥ squared small circle  
 233C ⊥ APL FUNCTIONAL SYMBOL QUAD CIRCLE  
 233D ⊥ APL FUNCTIONAL SYMBOL CIRCLE STILE  
 233E ⊥ APL FUNCTIONAL SYMBOL CIRCLE JOT  
 → 229A ⊥ circled ring operator  
 → 29BE ⊥ circled white bullet  
 233F / APL FUNCTIONAL SYMBOL SLASH BAR  
 → 1019A / roman as sign  
 2340 \ APL FUNCTIONAL SYMBOL BACKSLASH BAR  
 → 29F7 \ reverse solidus with horizontal stroke  
 2341 / APL FUNCTIONAL SYMBOL QUAD SLASH  
 → 29C4 / squared rising diagonal slash  
 2342 \ APL FUNCTIONAL SYMBOL QUAD BACKSLASH  
 → 29C5 \ squared falling diagonal slash  
 2343 / APL FUNCTIONAL SYMBOL QUAD LESS-THAN  
 2344 \ APL FUNCTIONAL SYMBOL QUAD GREATER-THAN  
 2345 + APL FUNCTIONAL SYMBOL LEFTWARDS VANE  
 2346 + APL FUNCTIONAL SYMBOL RIGHTWARDS VANE  
 2347 ⊥ APL FUNCTIONAL SYMBOL QUAD LEFTWARDS ARROW  
 2348 ⊥ APL FUNCTIONAL SYMBOL QUAD RIGHTWARDS ARROW  
 2349 ⊥ APL FUNCTIONAL SYMBOL CIRCLE BACKSLASH  
 → 29B0 ⊥ reversed empty set

- 234A ⊥ APL FUNCTIONAL SYMBOL DOWN TACK UNDERBAR  
 = up tack underbar  
 • preferred naming for APL tack symbols now follows the London Convention in ISO/IEC 13751:2000 (APL Extended)  
 → 22A5 ⊥ up tack  
 234B Δ APL FUNCTIONAL SYMBOL DELTA STILE  
 234C ⊥ APL FUNCTIONAL SYMBOL QUAD DOWN CARET  
 234D ⊥ APL FUNCTIONAL SYMBOL QUAD DELTA  
 234E ⊥ APL FUNCTIONAL SYMBOL DOWN TACK JOT  
 = up tack jot  
 → 22A5 ⊥ up tack  
 234F + APL FUNCTIONAL SYMBOL UPWARDS VANE  
 2350 ⊥ APL FUNCTIONAL SYMBOL QUAD UPWARDS ARROW  
 2351 ⊥ APL FUNCTIONAL SYMBOL UP TACK OVERBAR  
 = down tack overbar  
 → 22A4 ⊥ down tack  
 → 3012 ⊥ postal mark  
 2352 ∇ APL FUNCTIONAL SYMBOL DEL STILE  
 2353 ⊥ APL FUNCTIONAL SYMBOL QUAD UP CARET  
 2354 ⊥ APL FUNCTIONAL SYMBOL QUAD DEL  
 2355 ⊥ APL FUNCTIONAL SYMBOL UP TACK JOT  
 = down tack jot  
 → 22A4 ⊥ down tack  
 2356 + APL FUNCTIONAL SYMBOL DOWNWARDS VANE  
 2357 ⊥ APL FUNCTIONAL SYMBOL QUAD DOWNWARDS ARROW  
 2358 ' APL FUNCTIONAL SYMBOL QUOTE UNDERBAR  
 2359 Δ APL FUNCTIONAL SYMBOL DELTA UNDERBAR  
 235A ⊥ APL FUNCTIONAL SYMBOL DIAMOND UNDERBAR  
 235B ⊥ APL FUNCTIONAL SYMBOL JOT UNDERBAR  
 235C ⊥ APL FUNCTIONAL SYMBOL CIRCLE UNDERBAR  
 235D ⊥ APL FUNCTIONAL SYMBOL UP SHOE JOT  
 → 2A40 ⊥ intersection with dot  
 235E ⊥ APL FUNCTIONAL SYMBOL QUOTE QUAD  
 235F ⊥ APL FUNCTIONAL SYMBOL CIRCLE STAR  
 → 229B ⊥ circled asterisk operator  
 2360 ⊥ APL FUNCTIONAL SYMBOL QUAD COLON  
 2361 ⊥ APL FUNCTIONAL SYMBOL UP TACK DIAERESIS  
 = down tack diaeresis  
 → 22A4 ⊥ down tack  
 2362 ∇ APL FUNCTIONAL SYMBOL DEL DIAERESIS  
 2363 \* APL FUNCTIONAL SYMBOL STAR DIAERESIS  
 2364 ø APL FUNCTIONAL SYMBOL JOT DIAERESIS  
 = hoot  
 2365 Ö APL FUNCTIONAL SYMBOL CIRCLE DIAERESIS  
 = holler  
 2366 ∇ APL FUNCTIONAL SYMBOL DOWN SHOE STILE  
 2367 ⊥ APL FUNCTIONAL SYMBOL LEFT SHOE STILE  
 2368 ~ APL FUNCTIONAL SYMBOL TILDE DIAERESIS  
 = smirk  
 2369 > APL FUNCTIONAL SYMBOL GREATER-THAN DIAERESIS  
 236A , APL FUNCTIONAL SYMBOL COMMA BAR  
 236B ∇ APL FUNCTIONAL SYMBOL DEL TILDE  
 236C θ APL FUNCTIONAL SYMBOL ZILDE  
 236D + APL FUNCTIONAL SYMBOL STILE TILDE  
 236E ; APL FUNCTIONAL SYMBOL SEMICOLON UNDERBAR

236F	⊞	APL FUNCTIONAL SYMBOL QUAD NOT EQUAL
2370	⊟	APL FUNCTIONAL SYMBOL QUAD QUESTION
2371	∇	APL FUNCTIONAL SYMBOL DOWN CARET TILDE
2372	⋈	APL FUNCTIONAL SYMBOL UP CARET TILDE
2373	ι	APL FUNCTIONAL SYMBOL IOTA
2374	ρ	APL FUNCTIONAL SYMBOL RHO
2375	ω	APL FUNCTIONAL SYMBOL OMEGA
2376	⍺	APL FUNCTIONAL SYMBOL ALPHA UNDERBAR
2377	⍵	APL FUNCTIONAL SYMBOL EPSILON UNDERBAR
2378	⍺̄	APL FUNCTIONAL SYMBOL IOTA UNDERBAR
2379	ω̄	APL FUNCTIONAL SYMBOL OMEGA UNDERBAR
237A	α	APL FUNCTIONAL SYMBOL ALPHA

**Graphics for control codes**

237B	✓	NOT CHECK MARK
		• from ISO 2047
		• symbol for Negative Acknowledge

**Miscellaneous technical**

237C	↘	RIGHT ANGLE WITH DOWNWARDS ZIGZAG ARROW
------	---	-----------------------------------------

**Graphics for control codes**

237D	⌞	SHOULDERED OPEN BOX
		• from ISO 9995-7
		• keyboard symbol for No Break Space
		→ 2423 ⌞ open box
237E	⦿	BELL SYMBOL
		• from ISO 2047
237F	⋈	VERTICAL LINE WITH MIDDLE DOT
		• from ISO 2047
		• symbol for End of Medium

**Keyboard symbols from ISO 9995-7**

2380	↵	INSERTION SYMBOL
2381	≡	CONTINUOUS UNDERLINE SYMBOL
2382	≡̄	DISCONTINUOUS UNDERLINE SYMBOL
2383	≡≡	EMPHASIS SYMBOL
2384	Ⓜ	COMPOSITION SYMBOL
2385	Ⓜ	WHITE SQUARE WITH CENTRE VERTICAL LINE
		= center
2386	Ⓜ	ENTER SYMBOL
2387	Ⓜ	ALTERNATIVE KEY SYMBOL
2388	Ⓜ	HELM SYMBOL
		= control
		→ 2638 Ⓜ wheel of dharma
2389	Ⓜ	CIRCLED HORIZONTAL BAR WITH NOTCH
		= pause
238A	Ⓜ	CIRCLED TRIANGLE DOWN
		= interrupt, break
238B	Ⓜ	BROKEN CIRCLE WITH NORTHWEST ARROW
		= escape
238C	Ⓜ	UNDO SYMBOL

**Electrotechnical symbols from IR 181**

238D	Ⓜ	MONOSTABLE SYMBOL
238E	Ⓜ	HYSTERESIS SYMBOL
238F	Ⓜ	OPEN-CIRCUIT-OUTPUT H-TYPE SYMBOL
2390	Ⓜ	OPEN-CIRCUIT-OUTPUT L-TYPE SYMBOL
2391	Ⓜ	PASSIVE-PULL-DOWN-OUTPUT SYMBOL
2392	Ⓜ	PASSIVE-PULL-UP-OUTPUT SYMBOL
2393	Ⓜ	DIRECT CURRENT SYMBOL FORM TWO
2394	Ⓜ	SOFTWARE-FUNCTION SYMBOL

**APL**

2395	□	APL FUNCTIONAL SYMBOL QUAD
		→ 2337 □ apl functional symbol squish quad
		→ 25AF □ white vertical rectangle

**Keyboard symbols from ISO 9995-7**

2396	⌞	DECIMAL SEPARATOR KEY SYMBOL
2397	⏪	PREVIOUS PAGE
		→ 1F519 ⏪ back with leftwards arrow above
2398	⏩	NEXT PAGE
2399	⏻	PRINT SCREEN SYMBOL
239A	⏻	CLEAR SCREEN SYMBOL
		→ 20E2 ⏻ combining enclosing screen

**Bracket pieces**

239B	{	LEFT PARENTHESIS UPPER HOOK
239C	{	LEFT PARENTHESIS EXTENSION
239D	}	LEFT PARENTHESIS LOWER HOOK
239E	}	RIGHT PARENTHESIS UPPER HOOK
239F	}	RIGHT PARENTHESIS EXTENSION
23A0	}	RIGHT PARENTHESIS LOWER HOOK
23A1	[	LEFT SQUARE BRACKET UPPER CORNER
23A2	[	LEFT SQUARE BRACKET EXTENSION
23A3	[	LEFT SQUARE BRACKET LOWER CORNER
23A4	]	RIGHT SQUARE BRACKET UPPER CORNER
23A5	]	RIGHT SQUARE BRACKET EXTENSION
23A6	]	RIGHT SQUARE BRACKET LOWER CORNER
23A7	{	LEFT CURLY BRACKET UPPER HOOK
23A8	{	LEFT CURLY BRACKET MIDDLE PIECE
23A9	{	LEFT CURLY BRACKET LOWER HOOK
23AA	{	CURLY BRACKET EXTENSION
23AB	}	RIGHT CURLY BRACKET UPPER HOOK
23AC	}	RIGHT CURLY BRACKET MIDDLE PIECE
23AD	}	RIGHT CURLY BRACKET LOWER HOOK

**Special character extensions**

23AE		INTEGRAL EXTENSION
		→ 2320 ∫ top half integral
		→ 2321 ∫ bottom half integral
23AF	—	HORIZONTAL LINE EXTENSION
		• used for extension of arrows
		→ 23D0   vertical line extension

**Bracket pieces**

23B0	{	UPPER LEFT OR LOWER RIGHT CURLY BRACKET SECTION
		= left moustache
23B1	}	UPPER RIGHT OR LOWER LEFT CURLY BRACKET SECTION
		= right moustache

**Summation sign parts**

23B2	∑	SUMMATION TOP
23B3	∑	SUMMATION BOTTOM
		→ 2211 ∑ n-ary summation

**Horizontal brackets**

*These characters are also used as delimiters of vertical text in non-CJK terminal emulation.*

23B4	⌞	TOP SQUARE BRACKET
		→ FE47 ⌞ presentation form for vertical left square bracket
23B5	⌞	BOTTOM SQUARE BRACKET
		→ FE48 ⌞ presentation form for vertical right square bracket

- 23B6 ≡ BOTTOM SQUARE BRACKET OVER TOP SQUARE BRACKET  
 • only used for terminal emulation

**Terminal graphic characters**

- 23B7 ↓ RADICAL SYMBOL BOTTOM  
 23B8 | LEFT VERTICAL BOX LINE  
 23B9 | RIGHT VERTICAL BOX LINE

**Scan lines for terminal graphics**

*The scan line numbers here refer to old, low-resolution technology for terminals, with only 9 scan lines per fixed-size character glyph. Even-numbered scan lines are unified with box-drawing graphics.*

- 23BA - HORIZONTAL SCAN LINE-1  
 23BB - HORIZONTAL SCAN LINE-3  
 23BC - HORIZONTAL SCAN LINE-7  
 23BD - HORIZONTAL SCAN LINE-9

**Dentistry notation symbols**

- 23BE ⊏ DENTISTRY SYMBOL LIGHT VERTICAL AND TOP RIGHT  
 → 2308 ⊏ left ceiling
- 23BF ⊓ DENTISTRY SYMBOL LIGHT VERTICAL AND BOTTOM RIGHT  
 → 230A ⊓ left floor
- 23C0 ⊕ DENTISTRY SYMBOL LIGHT VERTICAL WITH CIRCLE
- 23C1 ⊖ DENTISTRY SYMBOL LIGHT DOWN AND HORIZONTAL WITH CIRCLE
- 23C2 ⊕ DENTISTRY SYMBOL LIGHT UP AND HORIZONTAL WITH CIRCLE
- 23C3 ⊙ DENTISTRY SYMBOL LIGHT VERTICAL WITH TRIANGLE
- 23C4 ⊘ DENTISTRY SYMBOL LIGHT DOWN AND HORIZONTAL WITH TRIANGLE
- 23C5 ⊙ DENTISTRY SYMBOL LIGHT UP AND HORIZONTAL WITH TRIANGLE
- 23C6 ⊕ DENTISTRY SYMBOL LIGHT VERTICAL AND WAVE
- 23C7 ⊖ DENTISTRY SYMBOL LIGHT DOWN AND HORIZONTAL WITH WAVE
- 23C8 ⊕ DENTISTRY SYMBOL LIGHT UP AND HORIZONTAL WITH WAVE
- 23C9 ⊓ DENTISTRY SYMBOL LIGHT DOWN AND HORIZONTAL  
 → 22A4 ⊓ down tack  
 → 252C ⊓ box drawings light down and horizontal
- 23CA ⊔ DENTISTRY SYMBOL LIGHT UP AND HORIZONTAL  
 → 22A5 ⊔ up tack  
 → 2534 ⊔ box drawings light up and horizontal
- 23CB ⊏ DENTISTRY SYMBOL LIGHT VERTICAL AND TOP LEFT  
 → 2309 ⊏ right ceiling
- 23CC ⊓ DENTISTRY SYMBOL LIGHT VERTICAL AND BOTTOM LEFT  
 → 230B ⊓ right floor

**Miscellaneous technical**

- 23CD ⊐ SQUARE FOOT

**Keyboard and UI symbols**

- 23CE ↵ RETURN SYMBOL  
 • may be shown with either hollow or filled glyph  
 → 21B5 ↵ downwards arrow with corner leftwards
- 23CF ▲ EJECT SYMBOL  
 • UI symbol to eject media

**Special character extension**

- 23D0 | VERTICAL LINE EXTENSION  
 • used for extension of arrows  
 → 23AF — horizontal line extension

**Metrical symbols**

- 23D1 ∩ METRICAL BREVE
- 23D2 ∪ METRICAL LONG OVER SHORT
- 23D3 ∩ METRICAL SHORT OVER LONG
- 23D4 ∪ METRICAL LONG OVER TWO SHORTS
- 23D5 ∩ METRICAL TWO SHORTS OVER LONG
- 23D6 ∪ METRICAL TWO SHORTS JOINED
- 23D7 ⊏ METRICAL TRISEME  
 → 1D242 ⊏ combining greek musical triseme
- 23D8 ⊓ METRICAL TETRASEME  
 → 1D243 ⊓ combining greek musical tetraseme
- 23D9 ⊔ METRICAL PENTASEME  
 → 1D244 ⊔ combining greek musical pentaseme

**Electrotechnical symbols**

- 23DA ⊥ EARTH GROUND
- 23DB ⊞ FUSE

**Horizontal brackets**

*These are intended for bracketing terms of mathematical expressions where their glyph extends to accommodate the width of the bracketed expression*

- 23DC ( TOP PARENTHESIS  
 → FE35 ( presentation form for vertical left parenthesis
- 23DD ) BOTTOM PARENTHESIS  
 → FE36 ) presentation form for vertical right parenthesis
- 23DE { TOP CURLY BRACKET  
 → FE37 { presentation form for vertical left curly bracket
- 23DF } BOTTOM CURLY BRACKET  
 → FE38 } presentation form for vertical right curly bracket
- 23E0 ⎵ TOP TORTOISE SHELL BRACKET  
 → FE39 ⎵ presentation form for vertical left tortoise shell bracket
- 23E1 ⎶ BOTTOM TORTOISE SHELL BRACKET  
 → FE3A ⎶ presentation form for vertical right tortoise shell bracket

**Miscellaneous technical**


- 23E2 ▭ WHITE TRAPEZIUM

**Chemistry symbol**





























- 23E3 ⦿ BENZENE RING WITH CIRCLE

































































































































































































**Miscellaneous technical**

- 23E4 — STRAIGHTNESS
- 23E5 ▭ FLATNESS
- 23E6 ~ AC CURRENT
- 23E7 ✕ ELECTRICAL INTERSECTION

- 23E8  DECIMAL EXPONENT SYMBOL  
 • Algol-60 token for scientific notation literals

**User interface symbols**

- 23E9  BLACK RIGHT-POINTING DOUBLE TRIANGLE  
 = fast forward
- 23EA  BLACK LEFT-POINTING DOUBLE TRIANGLE  
 = fast rewind
- 23EB  BLACK UP-POINTING DOUBLE TRIANGLE
- 23EC  BLACK DOWN-POINTING DOUBLE TRIANGLE
- 23ED  BLACK RIGHT-POINTING DOUBLE TRIANGLE WITH VERTICAL BAR
- 23EE  BLACK LEFT-POINTING DOUBLE TRIANGLE WITH VERTICAL BAR
- 23EF  BLACK RIGHT-POINTING TRIANGLE WITH DOUBLE VERTICAL BAR
- 23F0  ALARM CLOCK  
 → 231A  watch  
 → 1F550  clock face one o'clock
- 23F1  STOPWATCH
- 23F2  TIMER CLOCK
- 23F3  HOURGLASS WITH FLOWING SAND  
 → 231B  hourglass
- 23F4  BLACK MEDIUM LEFT-POINTING TRIANGLE  
 = reverse, back  
 • preferred to 25C0  black left-pointing triangle
- 23F5  BLACK MEDIUM RIGHT-POINTING TRIANGLE  
 = forward  
 • preferred to 25B6  black right-pointing triangle
- 23F6  BLACK MEDIUM UP-POINTING TRIANGLE  
 = increase  
 • preferred to 25B2  black up-pointing triangle
- 23F7  BLACK MEDIUM DOWN-POINTING TRIANGLE  
 = decrease  
 • preferred to 25BC  black down-pointing triangle
- 23F8  DOUBLE VERTICAL BAR  
 = pause  
 → 2016  double vertical line
- 23F9  BLACK SQUARE FOR STOP  
 = stop  
 → 25FC  black medium square
- 23FA  BLACK CIRCLE FOR RECORD  
 = record  
 → 26AB  medium black circle

	270	271	272	273	274	275	276	277	278	279	27A	27B
0	 2700	 2710	 2720	 2730	 2740	 2750	 2760	 2770	 2780	 2790	 27A0	 27B0
1	 2701	 2711	 2721	 2731	 2741	 2751	 2761	 2771	 2781	 2791	 27A1	 27B1
2	 2702	 2712	 2722	 2732	 2742	 2752	 2762	 2772	 2782	 2792	 27A2	 27B2
3	 2703	 2713	 2723	 2733	 2743	 2753	 2763	 2773	 2783	 2793	 27A3	 27B3
4	 2704	 2714	 2724	 2734	 2744	 2754	 2764	 2774	 2784	 2794	 27A4	 27B4
5	 2705	 2715	 2725	 2735	 2745	 2755	 2765	 2775	 2785	 2795	 27A5	 27B5
6	 2706	 2716	 2726	 2736	 2746	 2756	 2766	 2776	 2786	 2796	 27A6	 27B6
7	 2707	 2717	 2727	 2737	 2747	 2757	 2767	 2777	 2787	 2797	 27A7	 27B7
8	 2708	 2718	 2728	 2738	 2748	 2758	 2768	 2778	 2788	 2798	 27A8	 27B8
9	 2709	 2719	 2729	 2739	 2749	 2759	 2769	 2779	 2789	 2799	 27A9	 27B9
A	 270A	 271A	 272A	 273A	 274A	 275A	 276A	 277A	 278A	 279A	 27AA	 27BA
B	 270B	 271B	 272B	 273B	 274B	 275B	 276B	 277B	 278B	 279B	 27AB	 27BB
C	 270C	 271C	 272C	 273C	 274C	 275C	 276C	 277C	 278C	 279C	 27AC	 27BC
D	 270D	 271D	 272D	 273D	 274D	 275D	 276D	 277D	 278D	 279D	 27AD	 27BD
E	 270E	 271E	 272E	 273E	 274E	 275E	 276E	 277E	 278E	 279E	 27AE	 27BE
F	 270F	 271F	 272F	 273F	 274F	 275F	 276F	 277F	 278F	 279F	 27AF	 27BF

*ITC Zapf dingbats series 100. Some of the ITC Zapf dingbats have been unified with geometric shape characters. Gaps in the chart have subsequently been filled with other dingbat-like symbols.*

- 260E ☎ black telephone
- 261B ➡ black right pointing index
- 261E ⬜ white right pointing index
- 2605 ★ black star
- 25CF ● black circle
- 25A0 ■ black square
- 25B2 ▲ black up-pointing triangle
- 25BC ▼ black down-pointing triangle
- 25C6 ◆ black diamond
- 2192 → rightwards arrow
- 2194 ↔ left right arrow
- 2195 ↓ up down arrow

**Miscellaneous**

- 2700 ✂ **BLACK SAFETY SCISSORS**  
• forms a pair with 2704 ✂ white scissors
- 2701 ✂ UPPER BLADE SCISSORS
- 2702 ✂ BLACK SCISSORS
- 2703 ✂ LOWER BLADE SCISSORS
- 2704 ✂ WHITE SCISSORS
- 2705 ✓ WHITE HEAVY CHECK MARK  
→ 2714 ✓ heavy check mark
- 2706 ☎ TELEPHONE LOCATION SIGN  
→ 2121 TEL telephone sign  
→ 1F4DE 📞 telephone receiver
- 2707 📀 TAPE DRIVE
- 2708 ✈ AIRPLANE
- 2709 ✉ ENVELOPE  
→ 1F4E8 📧 incoming envelope
- 270A 🖐 RAISED FIST  
= rock in Rock, Paper, Scissors game  
→ 1F44A 🖐 fisted hand sign
- 270B 🖐 RAISED HAND  
= paper in Rock, Paper, Scissors game  
→ 1F44B 🖐 waving hand sign
- 270C ✂ VICTORY HAND  
= scissors in Rock, Paper, Scissors game
- 270D 🖊 WRITING HAND
- 270E 🖊 LOWER RIGHT PENCIL
- 270F 🖊 PENCIL
- 2710 🖊 UPPER RIGHT PENCIL
- 2711 🖊 WHITE NIB
- 2712 🖊 BLACK NIB
- 2713 ✓ CHECK MARK  
→ 221A ✓ square root
- 2714 ✓ HEAVY CHECK MARK
- 2715 ✖ MULTIPLICATION X  
→ 00D7 ✖ multiplication sign  
→ 2573 ✖ box drawings light diagonal cross
- 2716 ✖ HEAVY MULTIPLICATION X
- 2717 ✖ BALLOT X  
→ 2613 ✖ saltire
- 2718 ✖ HEAVY BALLOT X
- Crosses**
- 2719 ⊕ OUTLINED GREEK CROSS
- 271A ⊕ HEAVY GREEK CROSS
- 271B ⊕ OPEN CENTRE CROSS
- 271C ⊕ HEAVY OPEN CENTRE CROSS

- 271D † LATIN CROSS
- 271E † SHADOWED WHITE LATIN CROSS
- 271F † OUTLINED LATIN CROSS
- 2720 ✠ MALTESE CROSS  
• Historically, the Maltese cross took many forms; the shape shown in the Zapf Dingbats is similar to one known as the Cross Formée.

**Stars, asterisks and snowflakes**

- 2721 ☆ STAR OF DAVID  
→ 1F52F ⚡ six pointed star with middle dot
- 2722 ✨ FOUR TEARDROP-SPOKED ASTERISK
- 2723 ✨ FOUR BALLOON-SPOKED ASTERISK
- 2724 ✨ HEAVY FOUR BALLOON-SPOKED ASTERISK
- 2725 ✨ FOUR CLUB-SPOKED ASTERISK
- 2726 ⬠ BLACK FOUR POINTED STAR
- 2727 ⬠ WHITE FOUR POINTED STAR
- 2728 ✨ SPARKLES
- 2729 ☆ STRESS OUTLINED WHITE STAR  
→ 2606 ☆ white star
- 272A ☆ CIRCLED WHITE STAR
- 272B ☆ OPEN CENTRE BLACK STAR
- 272C ☆ BLACK CENTRE WHITE STAR
- 272D ☆ OUTLINED BLACK STAR
- 272E ☆ HEAVY OUTLINED BLACK STAR
- 272F ☆ PINWHEEL STAR
- 2730 ☆ SHADOWED WHITE STAR
- 2731 \* HEAVY ASTERISK  
→ 002A \* asterisk
- 2732 \* OPEN CENTRE ASTERISK
- 2733 \* EIGHT SPOKED ASTERISK
- 2734 \* EIGHT POINTED BLACK STAR
- 2735 \* EIGHT POINTED PINWHEEL STAR
- 2736 \* SIX POINTED BLACK STAR  
= sextile
- 2737 \* EIGHT POINTED RECTILINEAR BLACK STAR
- 2738 \* HEAVY EIGHT POINTED RECTILINEAR BLACK STAR
- 2739 \* TWELVE POINTED BLACK STAR
- 273A \* SIXTEEN POINTED ASTERISK  
= starburst
- 273B \* TEARDROP-SPOKED ASTERISK
- 273C \* OPEN CENTRE TEARDROP-SPOKED ASTERISK
- 273D \* HEAVY TEARDROP-SPOKED ASTERISK
- 273E \* SIX PETALLED BLACK AND WHITE FLORETTE
- 273F \* BLACK FLORETTE
- 2740 \* WHITE FLORETTE  
→ 1F4AE 🌸 white flower
- 2741 \* EIGHT PETALLED OUTLINED BLACK FLORETTE
- 2742 \* CIRCLED OPEN CENTRE EIGHT POINTED STAR
- 2743 \* HEAVY TEARDROP-SPOKED PINWHEEL ASTERISK
- 2744 \* SNOWFLAKE
- 2745 \* TIGHT TRIFOLIATE SNOWFLAKE
- 2746 \* HEAVY CHEVRON SNOWFLAKE
- 2747 \* SPARKLE
- 2748 \* HEAVY SPARKLE
- 2749 \* BALLOON-SPOKED ASTERISK  
= jack
- 274A \* EIGHT TEARDROP-SPOKED PROPELLER ASTERISK

274B

Dingbats

278D

274B \* HEAVY EIGHT TEARDROP-SPOKED PROPELLER  
 ASTERISK  
 = turbofan

**Miscellaneous**

274C ✕ CROSS MARK  
 • forms a game tally pair with 2B55 ○  
 → 00D7 ✕ multiplication sign

274D ○ SHADOWED WHITE CIRCLE

274E ☒ NEGATIVE SQUARED CROSS MARK

274F ◻ LOWER RIGHT DROP-SHADOWED WHITE SQUARE

2750 ◻ UPPER RIGHT DROP-SHADOWED WHITE SQUARE

2751 ◻ LOWER RIGHT SHADOWED WHITE SQUARE

2752 ◻ UPPER RIGHT SHADOWED WHITE SQUARE

2753 ? BLACK QUESTION MARK ORNAMENT

2754 ? WHITE QUESTION MARK ORNAMENT

2755 ! WHITE EXCLAMATION MARK ORNAMENT

2756 ❖ BLACK DIAMOND MINUS WHITE X

2757 ! HEAVY EXCLAMATION MARK SYMBOL  
 = obstacles on the road, ARIB STD B24

2758 | LIGHT VERTICAL BAR  
 → 007C | vertical line

2759 | MEDIUM VERTICAL BAR

275A ■ HEAVY VERTICAL BAR

**Punctuation ornaments**

275B ‘ HEAVY SINGLE TURNED COMMA QUOTATION MARK ORNAMENT  
 → 2018 ‘ left single quotation mark

275C ’ HEAVY SINGLE COMMA QUOTATION MARK ORNAMENT  
 → 2019 ’ right single quotation mark

275D “ HEAVY DOUBLE TURNED COMMA QUOTATION MARK ORNAMENT  
 → 201C “ left double quotation mark

275E ” HEAVY DOUBLE COMMA QUOTATION MARK ORNAMENT  
 → 201D ” right double quotation mark

275F , HEAVY LOW SINGLE COMMA QUOTATION MARK ORNAMENT  
 → 201A , single low-9 quotation mark

2760 „ HEAVY LOW DOUBLE COMMA QUOTATION MARK ORNAMENT  
 → 201E „ double low-9 quotation mark

2761 ¶ CURVED STEM PARAGRAPH SIGN ORNAMENT  
 → 00B6 ¶ pilcrow sign

2762 ! HEAVY EXCLAMATION MARK ORNAMENT  
 → 0021 ! exclamation mark

2763 ♥ HEAVY HEART EXCLAMATION MARK ORNAMENT

2764 ♥ HEAVY BLACK HEART  
 → 2665 ♥ black heart suit

2765 ♣ ROTATED HEAVY BLACK HEART BULLET

2766 🍀 FLORAL HEART  
 = Aldus leaf

2767 🍂 ROTATED FLORAL HEART BULLET  
 = hederia, ivy leaf  
 → 2619 🍂 reversed rotated floral heart bullet

**Ornamental brackets**

2768 ( MEDIUM LEFT PARENTHESIS ORNAMENT  
 → 0028 ( left parenthesis

2769 ) MEDIUM RIGHT PARENTHESIS ORNAMENT  
 → 0029 ) right parenthesis

276A ( MEDIUM FLATTENED LEFT PARENTHESIS ORNAMENT

276B ) MEDIUM FLATTENED RIGHT PARENTHESIS ORNAMENT

276C ( MEDIUM LEFT-POINTING ANGLE BRACKET ORNAMENT  
 → 2329 < left-pointing angle bracket

276D ) MEDIUM RIGHT-POINTING ANGLE BRACKET ORNAMENT  
 → 232A > right-pointing angle bracket

276E ◀ HEAVY LEFT-POINTING ANGLE QUOTATION MARK ORNAMENT  
 → 2039 ◀ single left-pointing angle quotation mark

276F ▶ HEAVY RIGHT-POINTING ANGLE QUOTATION MARK ORNAMENT  
 → 203A ▶ single right-pointing angle quotation mark

2770 ⤵ HEAVY LEFT-POINTING ANGLE BRACKET ORNAMENT

2771 ⤴ HEAVY RIGHT-POINTING ANGLE BRACKET ORNAMENT

2772 { LIGHT LEFT TORTOISE SHELL BRACKET ORNAMENT  
 → 3014 { left tortoise shell bracket

2773 } LIGHT RIGHT TORTOISE SHELL BRACKET ORNAMENT  
 → 3015 } right tortoise shell bracket

2774 { MEDIUM LEFT CURLY BRACKET ORNAMENT  
 → 007B { left curly bracket

2775 } MEDIUM RIGHT CURLY BRACKET ORNAMENT  
 → 007D } right curly bracket

**Dingbat circled digits**

2776 ❶ DINGBAT NEGATIVE CIRCLED DIGIT ONE

2777 ❷ DINGBAT NEGATIVE CIRCLED DIGIT TWO

2778 ❸ DINGBAT NEGATIVE CIRCLED DIGIT THREE

2779 ❹ DINGBAT NEGATIVE CIRCLED DIGIT FOUR

277A ❺ DINGBAT NEGATIVE CIRCLED DIGIT FIVE

277B ❻ DINGBAT NEGATIVE CIRCLED DIGIT SIX

277C ❼ DINGBAT NEGATIVE CIRCLED DIGIT SEVEN

277D ❽ DINGBAT NEGATIVE CIRCLED DIGIT EIGHT

277E ❾ DINGBAT NEGATIVE CIRCLED DIGIT NINE

277F ❿ DINGBAT NEGATIVE CIRCLED NUMBER TEN

2780 ① DINGBAT CIRCLED SANS-SERIF DIGIT ONE

2781 ② DINGBAT CIRCLED SANS-SERIF DIGIT TWO

2782 ③ DINGBAT CIRCLED SANS-SERIF DIGIT THREE

2783 ④ DINGBAT CIRCLED SANS-SERIF DIGIT FOUR

2784 ⑤ DINGBAT CIRCLED SANS-SERIF DIGIT FIVE

2785 ⑥ DINGBAT CIRCLED SANS-SERIF DIGIT SIX

2786 ⑦ DINGBAT CIRCLED SANS-SERIF DIGIT SEVEN

2787 ⑧ DINGBAT CIRCLED SANS-SERIF DIGIT EIGHT

2788 ⑨ DINGBAT CIRCLED SANS-SERIF DIGIT NINE

2789 ⑩ DINGBAT CIRCLED SANS-SERIF NUMBER TEN

278A ❶ DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT ONE

278B ❷ DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT TWO

278C ❸ DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT THREE

278D ❹ DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT FOUR

278E

## Dingbats

27BF

- 278E ⑤ DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT FIVE
- 278F ⑥ DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT SIX
- 2790 ⑦ DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT SEVEN
- 2791 ⑧ DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT EIGHT
- 2792 ⑨ DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT NINE
- 2793 ⑩ DINGBAT NEGATIVE CIRCLED SANS-SERIF NUMBER TEN

**Dingbat arrow**

- 2794 → HEAVY WIDE-HEADED RIGHTWARDS ARROW

**Heavy variants of arithmetic symbols**

- 2795 + HEAVY PLUS SIGN  
→ 002B + plus sign
- 2796 − HEAVY MINUS SIGN  
→ 2212 − minus sign
- 2797 ÷ HEAVY DIVISION SIGN  
→ 00F7 ÷ division sign

**Dingbat arrows**

- 2798 ↘ HEAVY SOUTH EAST ARROW
- 2799 → HEAVY RIGHTWARDS ARROW
- 279A ↗ HEAVY NORTH EAST ARROW
- 279B ➤ DRAFTING POINT RIGHTWARDS ARROW
- 279C ➔ HEAVY ROUND-TIPPED RIGHTWARDS ARROW
- 279D → TRIANGLE-HEADED RIGHTWARDS ARROW
- 279E → HEAVY TRIANGLE-HEADED RIGHTWARDS ARROW
- 279F ⇨ DASHED TRIANGLE-HEADED RIGHTWARDS ARROW
- 27A0 ⇨ HEAVY DASHED TRIANGLE-HEADED RIGHTWARDS ARROW
- 27A1 ➔ BLACK RIGHTWARDS ARROW  
• fonts may harmonize this glyph with the style for other black arrows  
→ 2B05 ← leftwards black arrow
- 27A2 ➤ THREE-D TOP-LIGHTED RIGHTWARDS ARROWHEAD
- 27A3 ➤ THREE-D BOTTOM-LIGHTED RIGHTWARDS ARROWHEAD
- 27A4 ➤ BLACK RIGHTWARDS ARROWHEAD
- 27A5 ➤ HEAVY BLACK CURVED DOWNWARDS AND RIGHTWARDS ARROW
- 27A6 ➤ HEAVY BLACK CURVED UPWARDS AND RIGHTWARDS ARROW
- 27A7 ➤ SQUAT BLACK RIGHTWARDS ARROW
- 27A8 ➤ HEAVY CONCAVE-POINTED BLACK RIGHTWARDS ARROW
- 27A9 ⇨ RIGHT-SHADED WHITE RIGHTWARDS ARROW
- 27AA ⇨ LEFT-SHADED WHITE RIGHTWARDS ARROW
- 27AB ⇨ BACK-TILTED SHADOWED WHITE RIGHTWARDS ARROW
- 27AC ⇨ FRONT-TILTED SHADOWED WHITE RIGHTWARDS ARROW
- 27AD ⇨ HEAVY LOWER RIGHT-SHADOWED WHITE RIGHTWARDS ARROW
- 27AE ⇨ HEAVY UPPER RIGHT-SHADOWED WHITE RIGHTWARDS ARROW
- 27AF ⇨ NOTCHED LOWER RIGHT-SHADOWED WHITE RIGHTWARDS ARROW

**Miscellaneous**

- 27B0 ㄥ CURLY LOOP  
= kururi


















































































































































































































**Dingbat arrows**

- 27B1 ⇨ NOTCHED UPPER RIGHT-SHADOWED WHITE RIGHTWARDS ARROW
- 27B2 ⇨ CIRCLED HEAVY WHITE RIGHTWARDS ARROW
- 27B3 ➤ WHITE-FEATHERED RIGHTWARDS ARROW
- 27B4 ↘ BLACK-FEATHERED SOUTH EAST ARROW
- 27B5 ➤ BLACK-FEATHERED RIGHTWARDS ARROW
- 27B6 ↗ BLACK-FEATHERED NORTH EAST ARROW
- 27B7 ↘ HEAVY BLACK-FEATHERED SOUTH EAST ARROW
- 27B8 ➤ HEAVY BLACK-FEATHERED RIGHTWARDS ARROW
- 27B9 ↗ HEAVY BLACK-FEATHERED NORTH EAST ARROW
- 27BA ➤ TEARDROP-BARBED RIGHTWARDS ARROW
- 27BB ⇨ HEAVY TEARDROP-SHANKED RIGHTWARDS ARROW
- 27BC ➤ WEDGE-TAILED RIGHTWARDS ARROW
- 27BD ➤ HEAVY WEDGE-TAILED RIGHTWARDS ARROW
- 27BE ⇨ OPEN-OUTLINED RIGHTWARDS ARROW

**Miscellaneous**

- 27BF ㄥ DOUBLE CURLY LOOP



	2B0	2B1	2B2	2B3	2B4	2B5	2B6	2B7	2B8	2B9	2BA	2BB	2BC	2BD	2BE	2BF
0	 2B00	 2B10	 2B20	 2B30	 2B40	 2B50	 2B60	 2B70	 2B80	 2B90	 2BA0	 2BB0	 2BC0	 2BD0		
1	 2B01	 2B11	 2B21	 2B31	 2B41	 2B51	 2B61	 2B71	 2B81	 2B91	 2BA1	 2BB1	 2BC1	 2BD1		
2	 2B02	 2B12	 2B22	 2B32	 2B42	 2B52	 2B62	 2B72	 2B82	 2B92	 2BA2	 2BB2	 2BC2			
3	 2B03	 2B13	 2B23	 2B33	 2B43	 2B53	 2B63	 2B73	 2B83	 2B93	 2BA3	 2BB3	 2BC3			
4	 2B04	 2B14	 2B24	 2B34	 2B44	 2B54	 2B64		 2B84	 2B94	 2BA4	 2BB4	 2BC4			
5	 2B05	 2B15	 2B25	 2B35	 2B45	 2B55	 2B65		 2B85	 2B95	 2BA5	 2BB5	 2BC5			
6	 2B06	 2B16	 2B26	 2B36	 2B46	 2B56	 2B66	 2B76	 2B86		 2BA6	 2BB6	 2BC6			
7	 2B07	 2B17	 2B27	 2B37	 2B47	 2B57	 2B67	 2B77	 2B87		 2BA7	 2BB7	 2BC7			
8	 2B08	 2B18	 2B28	 2B38	 2B48	 2B58	 2B68	 2B78	 2B88	 2B98	 2BA8	 2BB8	 2BC8			
9	 2B09	 2B19	 2B29	 2B39	 2B49	 2B59	 2B69	 2B79	 2B89	 2B99	 2BA9	 2BB9				
A	 2B0A	 2B1A	 2B2A	 2B3A	 2B4A	 2B5A	 2B6A	 2B7A	 2B8A	 2B9A	 2BA A		 2BCA			
B	 2B0B	 2B1B	 2B2B	 2B3B	 2B4B	 2B5B	 2B6B	 2B7B	 2B8B	 2B9B	 2BA B		 2BCB			
C	 2B0C	 2B1C	 2B2C	 2B3C	 2B4C	 2B5C	 2B6C	 2B7C	 2B8C	 2B9C	 2BA C		 2BCC			
D	 2B0D	 2B1D	 2B2D	 2B3D	 2B4D	 2B5D	 2B6D	 2B7D	 2B8D	 2B9D	 2BA D	 2BDD	 2BCD			
E	 2B0E	 2B1E	 2B2E	 2B3E	 2B4E	 2B5E	 2B6E	 2B7E	 2B8E	 2B9E	 2BA E	 2BBE	 2BCE			
F	 2B0F	 2B1F	 2B2F	 2B3F	 2B4F	 2B5F	 2B6F	 2B7F	 2B8F	 2B9F	 2BA F	 2BBF	 2BCF			

**White and black arrows**

Other white and black arrows to complete this set can be found in the Arrows and Dingbats blocks.

2B00	↗	NORTH EAST WHITE ARROW
2B01	↖	NORTH WEST WHITE ARROW
2B02	↘	SOUTH EAST WHITE ARROW
2B03	↙	SOUTH WEST WHITE ARROW
2B04	↔	LEFT RIGHT WHITE ARROW → 21E6 ↔ leftwards white arrow → 21F3 ⇕ up down white arrow
2B05	←	LEFTWARDS BLACK ARROW → 27A1 → black rightwards arrow
2B06	↑	UPWARDS BLACK ARROW
2B07	↓	DOWNWARDS BLACK ARROW
2B08	↗	NORTH EAST BLACK ARROW
2B09	↖	NORTH WEST BLACK ARROW
2B0A	↘	SOUTH EAST BLACK ARROW
2B0B	↙	SOUTH WEST BLACK ARROW
2B0C	↔	LEFT RIGHT BLACK ARROW
2B0D	⇕	UP DOWN BLACK ARROW

**Arrows with bent tips**

Other arrows with bent tips to complete this set can be found in the Arrows block.

2B0E	↘	RIGHTWARDS ARROW WITH TIP DOWNWARDS
2B0F	↙	RIGHTWARDS ARROW WITH TIP UPWARDS
2B10	↖	LEFTWARDS ARROW WITH TIP DOWNWARDS
2B11	↗	LEFTWARDS ARROW WITH TIP UPWARDS

**Squares**

2B12	◼	SQUARE WITH TOP HALF BLACK → 25E7 ◼ square with left half black
2B13	◼	SQUARE WITH BOTTOM HALF BLACK
2B14	◼	SQUARE WITH UPPER RIGHT DIAGONAL HALF BLACK
2B15	◼	SQUARE WITH LOWER LEFT DIAGONAL HALF BLACK

**Diamonds**

2B16	◈	DIAMOND WITH LEFT HALF BLACK
2B17	◈	DIAMOND WITH RIGHT HALF BLACK
2B18	◈	DIAMOND WITH TOP HALF BLACK
2B19	◈	DIAMOND WITH BOTTOM HALF BLACK

**Squares**

2B1A	◻	DOTTED SQUARE
2B1B	■	BLACK LARGE SQUARE → 25A0 ■ black square
2B1C	□	WHITE LARGE SQUARE → 25A1 □ white square
2B1D	◼	BLACK VERY SMALL SQUARE → 25AA ◼ black small square
2B1E	◻	WHITE VERY SMALL SQUARE → 25AB ◻ white small square

**Pentagons**

2B1F	⬠	BLACK PENTAGON
2B20	⬡	WHITE PENTAGON

**Hexagons**

2B21	⬢	WHITE HEXAGON
2B22	⬤	BLACK HEXAGON
2B23	⬢	HORIZONTAL BLACK HEXAGON

**Circle**

2B24	●	BLACK LARGE CIRCLE → 25CF ● black circle → 25EF ○ large circle → 1F534 ● large red circle
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**Diamonds and lozenges**

2B25	◆	BLACK MEDIUM DIAMOND → 25C6 ◆ black diamond
2B26	◇	WHITE MEDIUM DIAMOND → 25C7 ◇ white diamond → 1F754 ◇ alchemical symbol for soap
2B27	♠	BLACK MEDIUM LOZENGE
2B28	◇	WHITE MEDIUM LOZENGE → 25CA ◇ lozenge
2B29	◆	BLACK SMALL DIAMOND → 22C4 ◆ diamond operator → 1F538 ◆ small orange diamond
2B2A	♠	BLACK SMALL LOZENGE
2B2B	◇	WHITE SMALL LOZENGE

**Ellipses**

2B2C	◌	BLACK HORIZONTAL ELLIPSE
2B2D	◌	WHITE HORIZONTAL ELLIPSE
2B2E	◌	BLACK VERTICAL ELLIPSE
2B2F	◌	WHITE VERTICAL ELLIPSE

**Mathematical arrows**

These provide the opposite direction complement for arrows for mathematical use not originally encoded in both a leftwards and rightwards direction.

2B30	↔	LEFT ARROW WITH SMALL CIRCLE → 21F4 ↔ right arrow with small circle
2B31	⇌	THREE LEFTWARDS ARROWS → 21F6 ⇌ three rightwards arrows
2B32	↔	LEFT ARROW WITH CIRCLED PLUS → 27F4 ↻ right arrow with circled plus
2B33	↔	LONG LEFTWARDS SQUIGGLE ARROW → 27FF ↻ long rightwards squiggle arrow → 21DC ↻ leftwards squiggle arrow
2B34	↔	LEFTWARDS TWO-HEADED ARROW WITH VERTICAL STROKE → 2900 ↔ rightwards two-headed arrow with vertical stroke
2B35	↔	LEFTWARDS TWO-HEADED ARROW WITH DOUBLE VERTICAL STROKE → 2901 ↔ rightwards two-headed arrow with double vertical stroke
2B36	↔	LEFTWARDS TWO-HEADED ARROW FROM BAR → 2905 ↔ rightwards two-headed arrow from bar
2B37	↔	LEFTWARDS TWO-HEADED TRIPLE DASH ARROW → 2910 ↔ rightwards two-headed triple dash arrow
2B38	↔	LEFTWARDS ARROW WITH DOTTED STEM → 2911 ↔ rightwards arrow with dotted stem
2B39	↔	LEFTWARDS ARROW WITH TAIL WITH VERTICAL STROKE → 2914 ↔ rightwards arrow with tail with vertical stroke
2B3A	↔	LEFTWARDS ARROW WITH TAIL WITH DOUBLE VERTICAL STROKE → 2915 ↔ rightwards arrow with tail with double vertical stroke

- 2B3B ← LEFTWARDS TWO-HEADED ARROW WITH TAIL  
→ 2916 ⇨ rightwards two-headed arrow with tail
- 2B3C ⇐ LEFTWARDS TWO-HEADED ARROW WITH TAIL WITH VERTICAL STROKE  
→ 2917 ⇨ rightwards two-headed arrow with tail with vertical stroke
- 2B3D ⇐ LEFTWARDS TWO-HEADED ARROW WITH TAIL WITH DOUBLE VERTICAL STROKE  
→ 2918 ⇨ rightwards two-headed arrow with tail with double vertical stroke
- 2B3E ⇐ LEFTWARDS ARROW THROUGH X  
→ 2947 ⇨ rightwards arrow through x
- 2B3F ↵ WAVE ARROW POINTING DIRECTLY LEFT  
→ 2933 ~ wave arrow pointing directly right  
→ 219C ~ leftwards wave arrow
- 2B40 ⚖ EQUALS SIGN ABOVE LEFTWARDS ARROW  
→ 2971 ⇨ equals sign above rightwards arrow
- 2B41 ⇐ REVERSE TILDE OPERATOR ABOVE LEFTWARDS ARROW  
• mirror image of “⇨”  
→ 2972 ⇨ tilde operator above rightwards arrow
- 2B42 ⇐ LEFTWARDS ARROW ABOVE REVERSE ALMOST EQUAL TO  
• mirror image of “⇨”  
→ 2975 ⇨ rightwards arrow above almost equal to
- 2B43 ➤ RIGHTWARDS ARROW THROUGH GREATER-THAN  
• mirror image of “⇐”  
→ 2977 ⇐ leftwards arrow through less-than
- 2B44 ➤ RIGHTWARDS ARROW THROUGH SUPERSET  
• mirror image of “⇐”  
→ 297A ⇐ leftwards arrow through subset
- 2B45 ⇐ LEFTWARDS QUADRUPLE ARROW  
→ 27F0 ⇐ upwards quadruple arrow
- 2B46 ⇐ RIGHTWARDS QUADRUPLE ARROW
- 2B47 ⇐ REVERSE TILDE OPERATOR ABOVE RIGHTWARDS ARROW
- 2B48 ⇐ RIGHTWARDS ARROW ABOVE REVERSE ALMOST EQUAL TO
- 2B49 ⇐ TILDE OPERATOR ABOVE LEFTWARDS ARROW
- 2B4A ⇐ LEFTWARDS ARROW ABOVE ALMOST EQUAL TO
- 2B4B ⇐ LEFTWARDS ARROW ABOVE REVERSE TILDE OPERATOR  
• mirror image of “⇨”  
→ 2974 ⇨ rightwards arrow above tilde operator
- 2B4C ⇐ RIGHTWARDS ARROW ABOVE REVERSE TILDE OPERATOR  
• mirror image of “⇨”  
→ 2973 ⇐ leftwards arrow above tilde operator

**Triangle-headed zigzag arrow**

- 2B4D ⇐ DOWNWARDS TRIANGLE-HEADED ZIGZAG ARROW  
→ 21AF ⇐ downwards zigzag arrow

**Intonation marks for Lithuanian dialectology**

- 2B4E ↗ SHORT SLANTED NORTH ARROW  
• slight rise in tone
- 2B4F ↘ SHORT BACKSLANTED SOUTH ARROW  
• slight fall or overall fall in tone when at the end of a word or at the beginning of a phrase respectively

**Stars**

- 2B50 \* WHITE MEDIUM STAR  
→ 22C6 \* star operator
- 2B51 \* BLACK SMALL STAR  
→ 066D \* arabic five pointed star
- 2B52 \* WHITE SMALL STAR

**Pentagons**

- 2B53 ⬠ BLACK RIGHT-POINTING PENTAGON
- 2B54 ⬡ WHITE RIGHT-POINTING PENTAGON

**Traffic sign from ARIB STD B24**

- 2B55 ○ HEAVY LARGE CIRCLE  
= basic symbol for speed limit  
• forms a game tally pair with 274C ✕  
→ 25EF ○ large circle

**Dictionary and map symbols from ARIB STD B24**

- 2B56 ○ HEAVY OVAL WITH OVAL INSIDE  
= prefectural office
- 2B57 ○ HEAVY CIRCLE WITH CIRCLE INSIDE  
= municipal office  
→ 25CE ○ bullseye
- 2B58 ○ HEAVY CIRCLE  
= town or village office  
→ 25CB ○ white circle
- 2B59 ⊗ HEAVY CIRCLED SALTIRE  
= police station  
→ 2A02 ⊗ n-ary circled times operator

**Intonation marks for Lithuanian dialectology**

- 2B5A ↗ SLANTED NORTH ARROW WITH HOOKED HEAD  
• increasing tone with falling trend at the end
- 2B5B ↘ BACKSLANTED SOUTH ARROW WITH HOOKED TAIL  
• sharp rise and fall in tone
- 2B5C ↗ SLANTED NORTH ARROW WITH HORIZONTAL TAIL  
• continued rise in tone
- 2B5D ↘ BACKSLANTED SOUTH ARROW WITH HORIZONTAL TAIL  
• continued fall in tone
- 2B5E ↘ BENT ARROW POINTING DOWNWARDS THEN NORTH EAST  
• sharp fall in tone with rising trend at the end
- 2B5F ↘ SHORT BENT ARROW POINTING DOWNWARDS THEN NORTH EAST  
• slight fall in tone with rising trend at the end

**Simple triangle-headed arrows**

- 2B60 ← LEFTWARDS TRIANGLE-HEADED ARROW  
→ 2190 ← leftwards arrow
- 2B61 ↑ UPWARDS TRIANGLE-HEADED ARROW  
→ 2191 ↑ upwards arrow
- 2B62 → RIGHTWARDS TRIANGLE-HEADED ARROW  
→ 279D → triangle-headed rightwards arrow  
→ 2192 → rightwards arrow
- 2B63 ↓ DOWNWARDS TRIANGLE-HEADED ARROW  
→ 2193 ↓ downwards arrow
- 2B64 ↔ LEFT RIGHT TRIANGLE-HEADED ARROW  
→ 2194 ↔ left right arrow
- 2B65 ⇕ UP DOWN TRIANGLE-HEADED ARROW  
→ 2195 ⇕ up down arrow
- 2B66 ↖ NORTH WEST TRIANGLE-HEADED ARROW  
→ 2196 ↖ north west arrow

2B67	↗	NORTH EAST TRIANGLE-HEADED ARROW → 2197 ↗ north east arrow
2B68	↘	SOUTH EAST TRIANGLE-HEADED ARROW → 2198 ↘ south east arrow
2B69	↙	SOUTH WEST TRIANGLE-HEADED ARROW → 2199 ↙ south west arrow

**Triangle-headed dashed arrows**



2B6A	↔	LEFTWARDS TRIANGLE-HEADED DASHED ARROW → 21E0 ↔ leftwards dashed arrow
2B6B	↑	UPWARDS TRIANGLE-HEADED DASHED ARROW → 21E1 ↑ upwards dashed arrow
2B6C	→	RIGHTWARDS TRIANGLE-HEADED DASHED ARROW → 21E2 → rightwards dashed arrow
2B6D	↓	DOWNWARDS TRIANGLE-HEADED DASHED ARROW → 21E3 ↓ downwards dashed arrow

**Triangle-headed open circle arrows**

2B6E	↻	CLOCKWISE TRIANGLE-HEADED OPEN CIRCLE ARROW → 21BB ↻ clockwise open circle arrow
2B6F	↺	ANTICLOCKWISE TRIANGLE-HEADED OPEN CIRCLE ARROW → 21BA ↺ anticlockwise open circle arrow

**Triangle-headed arrows to bar**

2B70	←	LEFTWARDS TRIANGLE-HEADED ARROW TO BAR = left tab → 21E4 ← leftwards arrow to bar
2B71	↑	UPWARDS TRIANGLE-HEADED ARROW TO BAR = up tab → 2912 ↑ upwards arrow to bar
2B72	→	RIGHTWARDS TRIANGLE-HEADED ARROW TO BAR = right tab → 21E5 → rightwards arrow to bar
2B73	↓	DOWNWARDS TRIANGLE-HEADED ARROW TO BAR = down tab → 2913 ↓ downwards arrow to bar

2B74  <reserved>2B75  <reserved>

2B76	↖	NORTH WEST TRIANGLE-HEADED ARROW TO BAR = home
2B77	↗	NORTH EAST TRIANGLE-HEADED ARROW TO BAR
2B78	↘	SOUTH EAST TRIANGLE-HEADED ARROW TO BAR = end
2B79	↙	SOUTH WEST TRIANGLE-HEADED ARROW TO BAR

**Triangle-headed arrows with double horizontal stroke**

2B7A	↔	LEFTWARDS TRIANGLE-HEADED ARROW WITH DOUBLE HORIZONTAL STROKE
2B7B	↑	UPWARDS TRIANGLE-HEADED ARROW WITH DOUBLE HORIZONTAL STROKE = page up
2B7C	→	RIGHTWARDS TRIANGLE-HEADED ARROW WITH DOUBLE HORIZONTAL STROKE

2B7D	⤵	DOWNWARDS TRIANGLE-HEADED ARROW WITH DOUBLE HORIZONTAL STROKE = page down
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**Paired triangle-headed arrows**

2B7E	⇄	HORIZONTAL TAB KEY
2B7F	⇅	VERTICAL TAB KEY
2B80	↔	LEFTWARDS TRIANGLE-HEADED ARROW OVER RIGHTWARDS TRIANGLE-HEADED ARROW → 21C6 ↔ leftwards arrow over rightwards arrow
2B81	↕	UPWARDS TRIANGLE-HEADED ARROW LEFTWARDS DOWNWARDS OF TRIANGLE-HEADED ARROW
2B82	↔	RIGHTWARDS TRIANGLE-HEADED ARROW OVER LEFTWARDS TRIANGLE-HEADED ARROW
2B83	↕	DOWNWARDS TRIANGLE-HEADED ARROW LEFTWARDS OF UPWARDS TRIANGLE-HEADED ARROW → 21C6 ↕ leftwards arrow over rightwards arrow
2B84	↔	LEFTWARDS TRIANGLE-HEADED PAIRED ARROWS → 21C7 ↔ leftwards paired arrows
2B85	↕	UPWARDS TRIANGLE-HEADED PAIRED ARROWS → 21C8 ↕ upwards paired arrows
2B86	↔	RIGHTWARDS TRIANGLE-HEADED PAIRED ARROWS → 21C9 ↔ rightwards paired arrows
2B87	↕	DOWNWARDS TRIANGLE-HEADED PAIRED ARROWS → 21CA ↕ downwards paired arrows

**Circled arrows**

2B88	↶	LEFTWARDS BLACK CIRCLED WHITE ARROW
2B89	↷	UPWARDS BLACK CIRCLED WHITE ARROW
2B8A	↸	RIGHTWARDS BLACK CIRCLED WHITE ARROW → 27B2 ↸ circled heavy white rightwards arrow
2B8B	↹	DOWNWARDS BLACK CIRCLED WHITE ARROW

**Triangle-headed u-shaped arrows**

2B8C	↻	ANTICLOCKWISE TRIANGLE-HEADED RIGHT U-SHAPED ARROW
2B8D	↺	ANTICLOCKWISE TRIANGLE-HEADED BOTTOM U-SHAPED ARROW
2B8E	↻	ANTICLOCKWISE TRIANGLE-HEADED LEFT U-SHAPED ARROW
2B8F	↺	ANTICLOCKWISE TRIANGLE-HEADED TOP U-SHAPED ARROW → 21B6 ↺ anticlockwise top semicircle arrow

**Keyboard symbols**

2B90	↵	RETURN LEFT → 23CE ↵ return symbol
2B91	↶	RETURN RIGHT
2B92	↶	NEWLINE LEFT
2B93	↶	NEWLINE RIGHT

**Miscellaneous arrow symbol**

2B94	↻	FOUR CORNER ARROWS CIRCLING ANTICLOCKWISE = loop
------	---	-----------------------------------------------------

**Black arrow**

2B95	➡	RIGHTWARDS BLACK ARROW → 27A1 ➡ black rightwards arrow → 2B05 ← leftwards black arrow
------	---	---------------------------------------------------------------------------------------------

**Arrowheads***These sets are narrower than the dingbats set*

2B98	↖	THREE-D TOP-LIGHTED LEFTWARDS EQUILATERAL ARROWHEAD
2B99	↗	THREE-D RIGHT-LIGHTED UPWARDS EQUILATERAL ARROWHEAD
2B9A	↘	THREE-D TOP-LIGHTED RIGHTWARDS EQUILATERAL ARROWHEAD → 27A2 ↘ three-d top-lighted rightwards arrowhead
2B9B	↙	THREE-D LEFT-LIGHTED DOWNWARDS EQUILATERAL ARROWHEAD
2B9C	◀	BLACK LEFTWARDS EQUILATERAL ARROWHEAD
2B9D	▲	BLACK UPWARDS EQUILATERAL ARROWHEAD
2B9E	▶	BLACK RIGHTWARDS EQUILATERAL ARROWHEAD → 27A4 ▶ black rightwards arrowhead
2B9F	▼	BLACK DOWNWARDS EQUILATERAL ARROWHEAD

**Triangle-headed arrows with bent tips**

2BA0	↵	DOWNWARDS TRIANGLE-HEADED ARROW WITH LONG TIP LEFTWARDS → 21B2 ↓ downwards arrow with tip leftwards
2BA1	↶	DOWNWARDS TRIANGLE-HEADED ARROW WITH LONG TIP RIGHTWARDS → 21B3 ↘ downwards arrow with tip rightwards
2BA2	↷	UPWARDS TRIANGLE-HEADED ARROW WITH LONG TIP LEFTWARDS → 21B0 ↑ upwards arrow with tip leftwards
2BA3	↸	UPWARDS TRIANGLE-HEADED ARROW WITH LONG TIP RIGHTWARDS → 21B1 ↗ upwards arrow with tip rightwards
2BA4	↵	LEFTWARDS TRIANGLE-HEADED ARROW WITH LONG TIP UPWARDS → 2B11 ← leftwards arrow with tip upwards
2BA5	↶	RIGHTWARDS TRIANGLE-HEADED ARROW WITH LONG TIP UPWARDS → 2B0F → rightwards arrow with tip upwards
2BA6	↷	LEFTWARDS TRIANGLE-HEADED ARROW WITH LONG TIP DOWNWARDS → 2B10 ← leftwards arrow with tip downwards
2BA7	↸	RIGHTWARDS TRIANGLE-HEADED ARROW WITH LONG TIP DOWNWARDS → 2B0E → rightwards arrow with tip downwards

**Black curved arrows**

2BA8	↶	BLACK CURVED DOWNWARDS AND LEFTWARDS ARROW
2BA9	↷	BLACK CURVED DOWNWARDS AND RIGHTWARDS ARROW → 27A5 ↷ heavy black curved downwards and rightwards arrow
2BAA	↶	BLACK CURVED UPWARDS AND LEFTWARDS ARROW
2BAB	↷	BLACK CURVED UPWARDS AND RIGHTWARDS ARROW → 27A6 ↷ heavy black curved upwards and rightwards arrow
2BAC	↶	BLACK CURVED LEFTWARDS AND UPWARDS ARROW
2BAD	↷	BLACK CURVED RIGHTWARDS AND UPWARDS ARROW
2BAE	↶	BLACK CURVED LEFTWARDS AND DOWNWARDS ARROW

2BAF	↷	BLACK CURVED RIGHTWARDS AND DOWNWARDS ARROW
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**Ribbon arrows**

2BB0	↶	RIBBON ARROW DOWN LEFT
2BB1	↷	RIBBON ARROW DOWN RIGHT
2BB2	↶	RIBBON ARROW UP LEFT
2BB3	↷	RIBBON ARROW UP RIGHT
2BB4	↶	RIBBON ARROW LEFT UP
2BB5	↷	RIBBON ARROW RIGHT UP
2BB6	↶	RIBBON ARROW LEFT DOWN
2BB7	↷	RIBBON ARROW RIGHT DOWN

**Keyboard symbols**

2BB8	⏏	UPWARDS WHITE ARROW FROM BAR WITH HORIZONTAL BAR = caps lock → 21EC ⏏ upwards white arrow on pedestal with horizontal bar
2BB9	⏏	UP ARROWHEAD IN A RECTANGLE BOX = escape → 2353 ⏏ apl functional symbol quad up caret

**Geometric symbols**

2BBD	⊠	BALLOT BOX WITH LIGHT X = box x → 2612 ⊠ ballot box with x
2BBE	⊗	CIRCLED X → 2297 ⊗ circled times
2BBF	⊗	CIRCLED BOLD X = circled x bold

**Centred geometric shapes**

2BC0	■	BLACK SQUARE CENTRED
2BC1	◆	BLACK DIAMOND CENTRED
2BC2	⬥	TURNED BLACK PENTAGON
2BC3	⬢	HORIZONTAL BLACK OCTAGON = black octagon 1
2BC4	⬢	BLACK OCTAGON = black octagon 2
2BC5	▲	BLACK MEDIUM UP-POINTING TRIANGLE CENTRED
2BC6	▼	BLACK MEDIUM DOWN-POINTING TRIANGLE CENTRED
2BC7	◀	BLACK MEDIUM LEFT-POINTING TRIANGLE CENTRED
2BC8	▶	BLACK MEDIUM RIGHT-POINTING TRIANGLE CENTRED

**Half circles**

2BCA	◐	TOP HALF BLACK CIRCLE
2BCB	◑	BOTTOM HALF BLACK CIRCLE

**Cusp shapes**




































































2BCC	✧	LIGHT FOUR POINTED BLACK CUSP → 2726 ✧ black four pointed star
2BCD	⚡	ROTATED LIGHT FOUR POINTED BLACK CUSP
2BCE	✧	WHITE FOUR POINTED CUSP → 2727 ✧ white four pointed star
2BCF	⚡	ROTATED WHITE FOUR POINTED CUSP → 2311 ⚡ square lozenge

**Position indicator**

2BD0	⊞	SQUARE POSITION INDICATOR = register square → 2316 ⊞ position indicator
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**Diamond shape**

2BD1 ◊ UNCERTAINTY SIGN  
= query  
→ 2370 ◻ apl functional symbol quad question  
→ FFFD ◊ replacement character

	2E0	2E1	2E2	2E3	2E4	2E5	2E6	2E7
0	 2E00	 2E10	 2E20	 2E30	 2E40			
1	 2E01	 2E11	 2E21	 2E31	 2E41			
2	 2E02	 2E12	 2E22	 2E32	 2E42			
3	 2E03	 2E13	 2E23	 2E33				
4	 2E04	 2E14	 2E24	 2E34				
5	 2E05	 2E15	 2E25	 2E35				
6	 2E06	 2E16	 2E26	 2E36				
7	 2E07	 2E17	 2E27	 2E37				
8	 2E08	 2E18	 2E28	 2E38				
9	 2E09	 2E19	 2E29	 2E39				
A	 2E0A	 2E1A	 2E2A	 2E3A				
B	 2E0B	 2E1B	 2E2B	 2E3B				
C	 2E0C	 2E1C	 2E2C	 2E3C				
D	 2E0D	 2E1D	 2E2D	 2E3D				
E	 2E0E	 2E1E	 2E2E	 2E3E				
F	 2E0F	 2E1F	 2E2F	 2E3F				

**New Testament editorial symbols**

2E00	┌	RIGHT ANGLE SUBSTITUTION MARKER → 231C ┌ top left corner
2E01	⋈	RIGHT ANGLE DOTTED SUBSTITUTION MARKER
2E02	┌	LEFT SUBSTITUTION BRACKET
2E03	┐	RIGHT SUBSTITUTION BRACKET
2E04	⋈	LEFT DOTTED SUBSTITUTION BRACKET
2E05	┐	RIGHT DOTTED SUBSTITUTION BRACKET
2E06	⌞	RAISED INTERPOLATION MARKER → 22A4 ⌞ down tack
2E07	⋈	RAISED DOTTED INTERPOLATION MARKER
2E08	↵	DOTTED TRANSPOSITION MARKER
2E09	↵	LEFT TRANSPOSITION BRACKET
2E0A	↶	RIGHT TRANSPOSITION BRACKET
2E0B	◻	RAISED SQUARE • used as an opening raised omission bracket
2E0C	⌞	LEFT RAISED OMISSION BRACKET • used as an opening or closing raised omission bracket
2E0D	⌞	RIGHT RAISED OMISSION BRACKET • used as a closing or opening raised omission bracket

**Ancient Greek textual symbols**

2E0E	Ⲁ	EDITORIAL KORONIS → 1FBD Ⲁ greek koronis
2E0F	—	PARAGRAPHOS
2E10	⸮	FORKED PARAGRAPHOS
2E11	⸮	REVERSED FORKED PARAGRAPHOS
2E12	⸮	HYPODIASTOLE = ypodiastoli
2E13	⸮	DOTTED OBELOS • glyph variants may look like ‘⸮’ or ‘⸮’ → 2052 ⸮ commercial minus sign
2E14	↙	DOWNWARDS ANCORA • contrary to its formal name this symbol points upwards
2E15	↗	UPWARDS ANCORA • contrary to its formal name this symbol points downwards
2E16	↗	DOTTED RIGHT-POINTING ANGLE = diplo periestigmene

**Ancient Near-Eastern linguistic symbol**

2E17	≡	DOUBLE OBLIQUE HYPHEN • used in ancient Near-Eastern linguistics • hyphen in Fraktur text uses 002D - or 2010 -, but with a ‘≡’ glyph in Fraktur fonts → 002D - hyphen-minus → 003D = equals sign → 2010 - hyphen
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**General punctuation**

2E18	‡	INVERTED INTERROBANG = gnaborretni → 203D ‡ interrobang
2E19	⁄	PALM BRANCH • used as a separator

**Dictionary punctuation**

*These punctuation marks are used mostly in German dictionaries, to indicate umlaut or case changes with abbreviated stems.*

2E1A	¨	HYPHEN WITH DIAERESIS • indicates umlaut of the stem vowel of a plural form
2E1B	˜	TILDE WITH RING ABOVE • indicates change in case for derived form

**Brackets**

2E1C	⧸	LEFT LOW PARAPHRASE BRACKET
2E1D	⧹	RIGHT LOW PARAPHRASE BRACKET • used in N’Ko

**Dictionary punctuation**

2E1E	˘	TILDE WITH DOT ABOVE • indicates derived form changes to uppercase
2E1F	˙	TILDE WITH DOT BELOW • indicates derived form changes to lowercase

**Brackets**

2E20	‡	LEFT VERTICAL BAR WITH QUILL
2E21	‡	RIGHT VERTICAL BAR WITH QUILL

**Half brackets**

*These form a set of four corner brackets and are used editorially. They are distinguished from mathematical floor and ceiling characters. Occasionally quine corners are substituted for half brackets.*

2E22	┌	TOP LEFT HALF BRACKET → 2308 ┌ left ceiling → 231C ┌ top left corner → 300C ┌ left corner bracket
2E23	┐	TOP RIGHT HALF BRACKET
2E24	└	BOTTOM LEFT HALF BRACKET
2E25	┘	BOTTOM RIGHT HALF BRACKET

**Brackets**

2E26	⊂	LEFT SIDEWAYS U BRACKET → 2282 ⊂ subset of
2E27	⊃	RIGHT SIDEWAYS U BRACKET → 2283 ⊃ superset of
2E28	( (	LEFT DOUBLE PARENTHESIS → 2985 ( left white parenthesis → FF5F (( fullwidth left white parenthesis
2E29	) )	RIGHT DOUBLE PARENTHESIS

**Historic punctuation**

2E2A	::	TWO DOTS OVER ONE DOT PUNCTUATION
2E2B	∴	ONE DOT OVER TWO DOTS PUNCTUATION
2E2C	∴	SQUARED FOUR DOT PUNCTUATION
2E2D	⋮	FIVE DOT MARK
2E2E	‡	REVERSED QUESTION MARK = punctus percontativus → 003F ‡ question mark → 00BF ‡ inverted question mark → 061F ‡ arabic question mark
2E2F	’	VERTICAL TILDE • used for Cyrillic yerik → 033E ’ combining vertical tilde → A67F ’ cyrillic payerok



- 2E30 ◦ RING POINT
- used in Avestan
  - 2218 ◦ ring operator
  - 25E6 ◦ white bullet
- 2E31 · WORD SEPARATOR MIDDLE DOT
- used in Avestan, Samaritan, ...
  - 00B7 · middle dot

**Palaeotype transliteration symbol**

- 2E32 ˘ TURNED COMMA
- indicates nasalization
  - 060C ˘ arabic comma



**Historic punctuation**

- 2E33 ˙ RAISED DOT
- glyph position intermediate between 002E ˙ and 00B7 ˙
  - 002E ˙ full stop
  - 00B7 ˙ middle dot
- 2E34 ˚ RAISED COMMA
- 002C ˚ comma



**Palaeotype transliteration symbols**

- 2E35 ˚ TURNED SEMICOLON
- indicates sudden glottal closure
  - 061B ˚ arabic semicolon
- 2E36 † DAGGER WITH LEFT GUARD
- indicates retracted pronunciation
- 2E37 ‡ DAGGER WITH RIGHT GUARD
- indicates advanced pronunciation
- 2E38 † TURNED DAGGER
- indicates retroflex pronunciation
  - 2020 † dagger
- 2E39 § TOP HALF SECTION SIGN
- indicates pronunciation on one side of the mouth only
  - 00A7 § section sign


**Dashes**

- 2E3A  TWO-EM DASH
- = omission dash
  - 2014 — em dash
- 2E3B  THREE-EM DASH

**Alternate Punctuation**

- 2E3C ∙ STENOGRAPHIC FULL STOP
- used in shorthands and stenographies
  - 002E ˙ full stop
- 2E3D ∴ VERTICAL SIX DOTS
- 205E ∴ vertical four dots
  - 2999 ∴ dotted fence
- 2E3E  WIGGLY VERTICAL LINE
- 2307  wavy line
  - 299A  vertical zigzag line

**Historic punctuation**

- 2E3F  CAPITULUM
- ancestor of the pilcrow sign
  - 00B6 ¶ pilcrow sign

**Hyphen**

- 2E40 = DOUBLE HYPHEN
- 2010 - hyphen
  - 2E17 ≠ double oblique hyphen
  - 30A0 = katakana-hiragana double hyphen
  - 003D = equals sign
  - A78A = modifier letter short equals sign
  - used in transcription of old German prints and handwriting
  - used in some non-standard punctuation
  - not intended for standard hyphens where the duplication is only a font variant

**Reversed punctuation**

- 2E41 ˘ REVERSED COMMA
- 2E42 ˚ DOUBLE LOW-REVERSED-9 QUOTATION MARK

	A64	A65	A66	A67	A68	A69
0	Џ A640	Ы A650	Ц A660	⦿ A670	Д A680	Т A690
1	џ A641	ы A651	ц A661	⦿ A671	д A681	т A691
2	Ѣ A642	Ѧ A652	Д A662	⦿ A672	Ѕ A682	Ѣ A692
3	ѣ A643	Ѧ A653	д A663	☆ A673	ѕ A683	ѣ A693
4	Ѕ A644	ОИ A654	ЛГ A664	ε A674	ЗК A684	Һ A694
5	ѕ A645	ОИ A655	ЛГ A665	и A675	ЗК A685	Һ A695
6	І A646	ІА A656	МГ A666	і A676	Ѣ A686	Ш A696
7	і A647	іа A657	МГ A667	у A677	Ѣ A687	Ш A697
8	Ӏ A648	А A658	О A668	ъ A678	Д₃ A688	∞ A698
9	Ӏ A649	А A659	О A669	Ы A679	Д₃ A689	∞ A699
A	Ӏ A64A	Ӑ A65A	⊙ A66A	ъ A67A	Ђ A68A	⊕ A69A
B	Ӏ A64B	Ӑ A65B	⊙ A66B	ъ A67B	ђ A68B	⊕ A69B
C	Ӑ A64C	ІА A65C	∞ A66C	⌒ A67C	Т A68C	Ъ A69C
D	Ӑ A64D	ІА A65D	∞ A66D	ъ A67D	т A68D	Ъ A69D
E	Ӑ A64E	Ӑ A65E	⊙ A66E	⌒ A67E	Ц A68E	
F	Ӑ A64F	Ӑ A65F	⊙ A66F	ч A67F	Ц A68F	Ӑ A69F

**Letters for Old Cyrillic**

A640	Ѹ	CYRILLIC CAPITAL LETTER ZEMLYA
A641	ѹ	CYRILLIC SMALL LETTER ZEMLYA → 0437 з cyrillic small letter ze
A642	Ѻ	CYRILLIC CAPITAL LETTER DZELO
A643	ѻ	CYRILLIC SMALL LETTER DZELO → 0455 с cyrillic small letter dze
A644	Ѽ	CYRILLIC CAPITAL LETTER REVERSED DZE → 10193 Ѽ roman sextula sign
A645	ѽ	CYRILLIC SMALL LETTER REVERSED DZE
A646	Ѿ	CYRILLIC CAPITAL LETTER IOTA
A647	ѿ	CYRILLIC SMALL LETTER IOTA → 2C3A ѿ glagolitic small letter initial izhe
A648	Ѡ	CYRILLIC CAPITAL LETTER DJERV
A649	ѡ	CYRILLIC SMALL LETTER DJERV → 0452 ѡ cyrillic small letter dje → 045B ѡ cyrillic small letter tshe
A64A	Ѣ	CYRILLIC CAPITAL LETTER MONOGRAPH UK
A64B	ѣ	CYRILLIC SMALL LETTER MONOGRAPH UK → 0443 у cyrillic small letter u
A64C	Ѥ	CYRILLIC CAPITAL LETTER BROAD OMEGA
A64D	ѥ	CYRILLIC SMALL LETTER BROAD OMEGA → 0461 ѥ cyrillic small letter omega
A64E	Ѧ	CYRILLIC CAPITAL LETTER NEUTRAL YER
A64F	ѧ	CYRILLIC SMALL LETTER NEUTRAL YER → 044A ѧ cyrillic small letter hard sign → 044C ѧ cyrillic small letter soft sign
A650	Ѩ	CYRILLIC CAPITAL LETTER YERU WITH BACK YER
A651	ѩ	CYRILLIC SMALL LETTER YERU WITH BACK YER → 044B ѩ cyrillic small letter yeru
A652	Ѫ	CYRILLIC CAPITAL LETTER IOTIFIED YAT
A653	ѫ	CYRILLIC SMALL LETTER IOTIFIED YAT → 0463 ѫ cyrillic small letter yat
A654	Ѭ	CYRILLIC CAPITAL LETTER REVERSED YU
A655	ѭ	CYRILLIC SMALL LETTER REVERSED YU → 044E ю cyrillic small letter yu
A656	Ѯ	CYRILLIC CAPITAL LETTER IOTIFIED A
A657	ѯ	CYRILLIC SMALL LETTER IOTIFIED A
A658	Ѱ	CYRILLIC CAPITAL LETTER CLOSED LITTLE YUS
A659	ѱ	CYRILLIC SMALL LETTER CLOSED LITTLE YUS → 0467 ѱ cyrillic small letter little yus
A65A	Ѳ	CYRILLIC CAPITAL LETTER BLENDED YUS
A65B	ѳ	CYRILLIC SMALL LETTER BLENDED YUS → 0467 ѳ cyrillic small letter little yus → 046B ѳ cyrillic small letter big yus
A65C	Ѵ	CYRILLIC CAPITAL LETTER IOTIFIED CLOSED LITTLE YUS
A65D	ѵ	CYRILLIC SMALL LETTER IOTIFIED CLOSED LITTLE YUS → 0469 ѵ cyrillic small letter iotified little yus
A65E	Ѷ	CYRILLIC CAPITAL LETTER YN
A65F	ѷ	CYRILLIC SMALL LETTER YN • Romanian Cyrillic
A660	Ѹ	CYRILLIC CAPITAL LETTER REVERSED TSE
A661	ѹ	CYRILLIC SMALL LETTER REVERSED TSE
A662	Ѻ	CYRILLIC CAPITAL LETTER SOFT DE
A663	ѻ	CYRILLIC SMALL LETTER SOFT DE
A664	Ѽ	CYRILLIC CAPITAL LETTER SOFT EL
A665	ѽ	CYRILLIC SMALL LETTER SOFT EL
A666	Ѿ	CYRILLIC CAPITAL LETTER SOFT EM
A667	ѿ	CYRILLIC SMALL LETTER SOFT EM

A668	Ѡ	CYRILLIC CAPITAL LETTER MONOCULAR O
A669	ѡ	CYRILLIC SMALL LETTER MONOCULAR O • used in words based on the root for 'eye'
A66A	Ѣ	CYRILLIC CAPITAL LETTER BINOCULAR O
A66B	ѣ	CYRILLIC SMALL LETTER BINOCULAR O • used in the dual of words based on the root for 'eye'
A66C	Ѥ	CYRILLIC CAPITAL LETTER DOUBLE MONOCULAR O
A66D	ѥ	CYRILLIC SMALL LETTER DOUBLE MONOCULAR O • used in the dual of words based on the root for 'eye'
A66E	Ѧ	CYRILLIC LETTER MULTIOCLULAR O • used in the epithet 'many-eyed'

**Abbreviation mark**

A66F	ѧ	COMBINING CYRILLIC VZMET • used with Cyrillic letters to indicate abbreviation → 0483 ѧ combining cyrillic titlo → 0487 ѧ combining cyrillic pokrytie
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**Combining numeric signs**

A670	Ѧ	COMBINING CYRILLIC TEN MILLIONS SIGN → 0489 Ѧ combining cyrillic millions sign
A671	ѧ	COMBINING CYRILLIC HUNDRED MILLIONS SIGN
A672	Ѩ	COMBINING CYRILLIC THOUSAND MILLIONS SIGN

**Punctuation mark**

A673	ѩ	SLAVONIC ASTERISK
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**Combining marks for Old Cyrillic**

A674	Ѫ	COMBINING CYRILLIC LETTER UKRAINIAN IE
A675	ѫ	COMBINING CYRILLIC LETTER I
A676	Ѭ	COMBINING CYRILLIC LETTER YI
A677	ѭ	COMBINING CYRILLIC LETTER U
A678	Ѯ	COMBINING CYRILLIC LETTER HARD SIGN
A679	ѯ	COMBINING CYRILLIC LETTER YERU
A67A	Ѱ	COMBINING CYRILLIC LETTER SOFT SIGN
A67B	ѱ	COMBINING CYRILLIC LETTER OMEGA
A67C	Ѳ	COMBINING CYRILLIC KAVYKA • indicates an alternative reading to part of a word → 0306 Ѳ combining breve
A67D	ѳ	COMBINING CYRILLIC PAYEROK • may indicate an omitted yer → 033E ѳ combining vertical tilde

**Punctuation mark**

A67E	Ѵ	CYRILLIC KAVYKA • used to mark off word that has alternative reading
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**Modifier letter**

A67F	ѷ	CYRILLIC PAYEROK • may indicate an omitted yer → 2E2F ѷ vertical tilde
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**Letters for Old Abkhasian orthography**

A680	Ѹ	CYRILLIC CAPITAL LETTER DWWE
A681	ѹ	CYRILLIC SMALL LETTER DWWE
A682	Ѻ	CYRILLIC CAPITAL LETTER DZWE
A683	ѻ	CYRILLIC SMALL LETTER DZWE
A684	Ѽ	CYRILLIC CAPITAL LETTER ZHWE

A685	Ѡ	CYRILLIC SMALL LETTER ZHWE
A686	ѡ	CYRILLIC CAPITAL LETTER CCHE
A687	Ѣ	CYRILLIC SMALL LETTER CCHE
A688	Ѥ	CYRILLIC CAPITAL LETTER DZZE
A689	ѥ	CYRILLIC SMALL LETTER DZZE
A68A	Ѧ	CYRILLIC CAPITAL LETTER TE WITH MIDDLE HOOK
A68B	ѧ	CYRILLIC SMALL LETTER TE WITH MIDDLE HOOK
A68C	Ѩ	CYRILLIC CAPITAL LETTER TWE
A68D	ѩ	CYRILLIC SMALL LETTER TWE
A68E	Ѫ	CYRILLIC CAPITAL LETTER TSWE
A68F	ѫ	CYRILLIC SMALL LETTER TSWE
A690	Ѭ	CYRILLIC CAPITAL LETTER TSSE
A691	ѭ	CYRILLIC SMALL LETTER TSSE
A692	Ѯ	CYRILLIC CAPITAL LETTER TCHE
A693	ѯ	CYRILLIC SMALL LETTER TCHE
A694	Ѱ	CYRILLIC CAPITAL LETTER HWE
A695	ѱ	CYRILLIC SMALL LETTER HWE
A696	Ѳ	CYRILLIC CAPITAL LETTER SHWE
A697	ѳ	CYRILLIC SMALL LETTER SHWE

**Letters for Early Slavonic**

A698	Ѵ	CYRILLIC CAPITAL LETTER DOUBLE O
A699	ѵ	CYRILLIC SMALL LETTER DOUBLE O
A69A	Ѷ	CYRILLIC CAPITAL LETTER CROSSED O
A69B	ѷ	CYRILLIC SMALL LETTER CROSSED O

**Intonation marks for Lithuanian dialectology**

A69C	Ѹ	MODIFIER LETTER CYRILLIC HARD SIGN ≈ <sup>044A Ѹ
A69D	ѹ	MODIFIER LETTER CYRILLIC SOFT SIGN ≈ <sup>044C ѹ

**Combining mark for Old Cyrillic**

A69F	Ѻ	COMBINING CYRILLIC LETTER IOTIFIED E
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	A72	A73	A74	A75	A76	A77	A78	A79	A7A	A7B	A7C	A7D	A7E	A7F
0	Ƒ A720	F A730	Ƒ A740	Ƒ A750	Ƒ A760	Ƒ A770	Ƒ A780	Ƒ A790	Ƒ A7A0					
1	Ƒ A721	s A731	Ƒ A741	Ƒ A751	Ƒ A761	Ƒ A771	Ƒ A781	Ƒ A791	Ƒ A7A1					
2	Ƒ A722	Ƒ A732	Ƒ A742	Ƒ A752	Ƒ A762	Ƒ A772	Ƒ A782	Ƒ A792	Ƒ A7A2					
3	Ƒ A723	Ƒ A733	Ƒ A743	Ƒ A753	Ƒ A763	Ƒ A773	Ƒ A783	Ƒ A793	Ƒ A7A3					
4	Ƒ A724	Ƒ A734	Ƒ A744	Ƒ A754	Ƒ A764	Ƒ A774	Ƒ A784	Ƒ A794	Ƒ A7A4					
5	Ƒ A725	Ƒ A735	Ƒ A745	Ƒ A755	Ƒ A765	Ƒ A775	Ƒ A785	Ƒ A795	Ƒ A7A5					
6	Ƒ A726	Ƒ A736	Ƒ A746	Ƒ A756	Ƒ A766	Ƒ A776	Ƒ A786		Ƒ A7A6					
7	Ƒ A727	Ƒ A737	Ƒ A747	Ƒ A757	Ƒ A767	Ƒ A777	Ƒ A787		Ƒ A7A7					
8	Ƒ A728	Ƒ A738	Ƒ A748	Ƒ A758	Ƒ A768	Ƒ A778	Ƒ A788	Ƒ A798	Ƒ A7A8					Ƒ A7F8
9	Ƒ A729	Ƒ A739	Ƒ A749	Ƒ A759	Ƒ A769	Ƒ A779	Ƒ A789	Ƒ A799	Ƒ A7A9					Ƒ A7F9
A	Ƒ A72A	Ƒ A73A	Ƒ A74A	Ƒ A75A	Ƒ A76A	Ƒ A77A	Ƒ A78A	Ƒ A79A	Ƒ A7AA					Ƒ A7FA
B	Ƒ A72B	Ƒ A73B	Ƒ A74B	Ƒ A75B	Ƒ A76B	Ƒ A77B	Ƒ A78B	Ƒ A79B						Ƒ A7FB
C	Ƒ A72C	Ƒ A73C	Ƒ A74C	Ƒ A75C	Ƒ A76C	Ƒ A77C	Ƒ A78C	Ƒ A79C						Ƒ A7FC
D	Ƒ A72D	Ƒ A73D	Ƒ A74D	Ƒ A75D	Ƒ A76D	Ƒ A77D	Ƒ A78D	Ƒ A79D						Ƒ A7FD
E	Ƒ A72E	Ƒ A73E	Ƒ A74E	Ƒ A75E	Ƒ A76E	Ƒ A77E	Ƒ A78E	Ƒ A79E						Ƒ A7FE
F	Ƒ A72F	Ƒ A73F	Ƒ A74F	Ƒ A75F	Ƒ A76F	Ƒ A77F		Ƒ A79F						Ƒ A7FF

**Additions for UPA**

- A720 𐀀 MODIFIER LETTER STRESS AND HIGH TONE  
 A721 𐀁 MODIFIER LETTER STRESS AND LOW TONE

**Egyptological additions**

- A722 𐀂 LATIN CAPITAL LETTER EGYPTOLOGICAL ALEF  
 A723 𐀃 LATIN SMALL LETTER EGYPTOLOGICAL ALEF  
 A724 𐀄 LATIN CAPITAL LETTER EGYPTOLOGICAL AIN  
 A725 𐀅 LATIN SMALL LETTER EGYPTOLOGICAL AIN  
 • this is a case pair  
 → 1D25 𐀆 latin letter ain  
 → 1D5C 𐀇 modifier letter small ain

**Mayanist additions**

- A726 𐀈 LATIN CAPITAL LETTER HENG  
 A727 𐀉 LATIN SMALL LETTER HENG  
 A728 𐀊 LATIN CAPITAL LETTER TZ  
 A729 𐀋 LATIN SMALL LETTER TZ  
 A72A 𐀌 LATIN CAPITAL LETTER TRESILLO  
 A72B 𐀍 LATIN SMALL LETTER TRESILLO  
 A72C 𐀎 LATIN CAPITAL LETTER CUATRILLO  
 A72D 𐀏 LATIN SMALL LETTER CUATRILLO  
 A72E 𐀐 LATIN CAPITAL LETTER CUATRILLO WITH COMMA  
 A72F 𐀑 LATIN SMALL LETTER CUATRILLO WITH COMMA

**Medievalist additions**

- A730 𐀒 LATIN LETTER SMALL CAPITAL F  
 A731 𐀓 LATIN LETTER SMALL CAPITAL S  
 A732 𐀔 LATIN CAPITAL LETTER AA  
 A733 𐀕 LATIN SMALL LETTER AA  
 A734 𐀖 LATIN CAPITAL LETTER AO  
 A735 𐀗 LATIN SMALL LETTER AO  
 A736 𐀘 LATIN CAPITAL LETTER AU  
 A737 𐀙 LATIN SMALL LETTER AU  
 A738 𐀚 LATIN CAPITAL LETTER AV  
 A739 𐀛 LATIN SMALL LETTER AV  
 A73A 𐀜 LATIN CAPITAL LETTER AV WITH HORIZONTAL BAR  
 A73B 𐀝 LATIN SMALL LETTER AV WITH HORIZONTAL BAR  
 A73C 𐀞 LATIN CAPITAL LETTER AY  
 A73D 𐀟 LATIN SMALL LETTER AY  
 A73E 𐀠 LATIN CAPITAL LETTER REVERSED C WITH DOT  
 A73F 𐀡 LATIN SMALL LETTER REVERSED C WITH DOT  
 A740 𐀢 LATIN CAPITAL LETTER K WITH STROKE  
 A741 𐀣 LATIN SMALL LETTER K WITH STROKE  
 A742 𐀤 LATIN CAPITAL LETTER K WITH DIAGONAL STROKE  
 A743 𐀥 LATIN SMALL LETTER K WITH DIAGONAL STROKE  
 A744 𐀦 LATIN CAPITAL LETTER K WITH STROKE AND DIAGONAL STROKE  
 A745 𐀧 LATIN SMALL LETTER K WITH STROKE AND DIAGONAL STROKE  
 A746 𐀨 LATIN CAPITAL LETTER BROKEN L  
 A747 𐀩 LATIN SMALL LETTER BROKEN L  
 A748 𐀪 LATIN CAPITAL LETTER L WITH HIGH STROKE  
 A749 𐀫 LATIN SMALL LETTER L WITH HIGH STROKE  
 A74A 𐀬 LATIN CAPITAL LETTER O WITH LONG STROKE OVERLAY  
 A74B 𐀭 LATIN SMALL LETTER O WITH LONG STROKE OVERLAY

- A74C 𐀮 LATIN CAPITAL LETTER O WITH LOOP  
 A74D 𐀯 LATIN SMALL LETTER O WITH LOOP  
 A74E 𐀰 LATIN CAPITAL LETTER OO  
 A74F 𐀱 LATIN SMALL LETTER OO  
 A750 𐀲 LATIN CAPITAL LETTER P WITH STROKE THROUGH DESCENDER  
 A751 𐀳 LATIN SMALL LETTER P WITH STROKE THROUGH DESCENDER  
 A752 𐀴 LATIN CAPITAL LETTER P WITH FLOURISH  
 A753 𐀵 LATIN SMALL LETTER P WITH FLOURISH  
 A754 𐀶 LATIN CAPITAL LETTER P WITH SQUIRREL TAIL  
 A755 𐀷 LATIN SMALL LETTER P WITH SQUIRREL TAIL  
 A756 𐀸 LATIN CAPITAL LETTER Q WITH STROKE THROUGH DESCENDER  
 A757 𐀹 LATIN SMALL LETTER Q WITH STROKE THROUGH DESCENDER  
 A758 𐀺 LATIN CAPITAL LETTER Q WITH DIAGONAL STROKE  
 A759 𐀻 LATIN SMALL LETTER Q WITH DIAGONAL STROKE  
 A75A 𐀼 LATIN CAPITAL LETTER R ROTUNDA  
 A75B 𐀽 LATIN SMALL LETTER R ROTUNDA  
 A75C 𐀾 LATIN CAPITAL LETTER RUM ROTUNDA  
 A75D 𐀿 LATIN SMALL LETTER RUM ROTUNDA  
 A75E 𐁀 LATIN CAPITAL LETTER V WITH DIAGONAL STROKE  
 A75F 𐁁 LATIN SMALL LETTER V WITH DIAGONAL STROKE  
 A760 𐁂 LATIN CAPITAL LETTER VY  
 A761 𐁃 LATIN SMALL LETTER VY  
 A762 𐁄 LATIN CAPITAL LETTER VISIGOTHIC Z  
 A763 𐁅 LATIN SMALL LETTER VISIGOTHIC Z  
 A764 𐁆 LATIN CAPITAL LETTER THORN WITH STROKE  
 A765 𐁇 LATIN SMALL LETTER THORN WITH STROKE  
 A766 𐁈 LATIN CAPITAL LETTER THORN WITH STROKE THROUGH DESCENDER  
 A767 𐁉 LATIN SMALL LETTER THORN WITH STROKE THROUGH DESCENDER  
 A768 𐁊 LATIN CAPITAL LETTER VEND  
 A769 𐁋 LATIN SMALL LETTER VEND  
 A76A 𐁌 LATIN CAPITAL LETTER ET  
 A76B 𐁍 LATIN SMALL LETTER ET  
 A76C 𐁎 LATIN CAPITAL LETTER IS  
 A76D 𐁏 LATIN SMALL LETTER IS  
 A76E 𐁐 LATIN CAPITAL LETTER CON  
 A76F 𐁑 LATIN SMALL LETTER CON  
 A770 𐁒 MODIFIER LETTER US  
 ≈ <super> A76F 𐁓  
 A771 𐁔 LATIN SMALL LETTER DUM  
 A772 𐁕 LATIN SMALL LETTER LUM  
 A773 𐁖 LATIN SMALL LETTER MUM  
 A774 𐁗 LATIN SMALL LETTER NUM  
 A775 𐁘 LATIN SMALL LETTER RUM  
 A776 𐁙 LATIN LETTER SMALL CAPITAL RUM  
 A777 𐁚 LATIN SMALL LETTER TUM  
 A778 𐁛 LATIN SMALL LETTER UM

**Insular and Celticist letters**

- A779 𐁜 LATIN CAPITAL LETTER INSULAR D  
 A77A 𐁝 LATIN SMALL LETTER INSULAR D  
 A77B 𐁞 LATIN CAPITAL LETTER INSULAR F  
 A77C 𐁟 LATIN SMALL LETTER INSULAR F  
 A77D 𐁠 LATIN CAPITAL LETTER INSULAR G  
 • lowercase is 1D79 𐁡

A77E	Ǫ	LATIN CAPITAL LETTER TURNED INSULAR G
A77F	ǫ	LATIN SMALL LETTER TURNED INSULAR G
A780	ŀ	LATIN CAPITAL LETTER TURNED L
A781	l̡	LATIN SMALL LETTER TURNED L
A782	ŕ	LATIN CAPITAL LETTER INSULAR R
A783	r̡	LATIN SMALL LETTER INSULAR R
A784	ſ̣	LATIN CAPITAL LETTER INSULAR S
A785	ṣ	LATIN SMALL LETTER INSULAR S
A786	Ɔ	LATIN CAPITAL LETTER INSULAR T
A787	Ɵ	LATIN SMALL LETTER INSULAR T

**Modifier letters**

A788	˘	MODIFIER LETTER LOW CIRCUMFLEX ACCENT → 02C6 ˆ modifier letter circumflex accent → 2038 ˘ caret
A789	:	MODIFIER LETTER COLON • used as a tone letter in some orthographies • Budu (Congo), Sabaot (Kenya), and several Papua New Guinea languages → 003A : colon
A78A	=	MODIFIER LETTER SHORT EQUALS SIGN • used as a tone letter in some orthographies • Budu (Congo) → 003D = equals sign

**Orthographic letters for glottals**

A78B	ʼ	LATIN CAPITAL LETTER SALTILLO • Me'phaa (Mexico)
A78C	ʻ	LATIN SMALL LETTER SALTILLO • saltillos are used as a casing pair for glottal stop in some orthographies • the lowercase is widely used in many languages in Mexico and other regions, including Izere in Nigeria → 0027 ' apostrophe → 0242 ʼ latin small letter glottal stop → 0294 ʻ latin letter glottal stop → 02BC ˘ modifier letter apostrophe → 02C0 ʼ modifier letter glottal stop

**Additional letter**

A78D	Ꞥ	LATIN CAPITAL LETTER TURNED H • used in the Dan/Gio orthography in Liberia • lowercase is 0265 ꞥ
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**Phonetic symbol**

A78E	ɭ	LATIN SMALL LETTER L WITH RETROFLEX HOOK AND BELT • voiceless lateral retroflex fricative • used to transcribe Toda
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**Additional letters**

A790	Ɔ	LATIN CAPITAL LETTER N WITH DESCENDER
A791	ɳ	LATIN SMALL LETTER N WITH DESCENDER • Janalif
A792	Ɔ	LATIN CAPITAL LETTER C WITH BAR = Cambrian symbol
A793	ɕ	LATIN SMALL LETTER C WITH BAR • Nanai

**Additions for Lithuanian dialectology**

A794	ç	LATIN SMALL LETTER C WITH PALATAL HOOK
A795	ħ	LATIN SMALL LETTER H WITH PALATAL HOOK → A727 ħ latin small letter heng

**Archaic letters for Ewe**

A798	ƒ	LATIN CAPITAL LETTER F WITH STROKE
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A799	ƒ	LATIN SMALL LETTER F WITH STROKE • old Ewe orthography • also used in German dialectology
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**Archaic letters for Volapük**

A79A	ƒ	LATIN CAPITAL LETTER VOLAPUK AE
A79B	ɹ	LATIN SMALL LETTER VOLAPUK AE
A79C	Ɔ	LATIN CAPITAL LETTER VOLAPUK OE
A79D	ɹ	LATIN SMALL LETTER VOLAPUK OE
A79E	ƒ	LATIN CAPITAL LETTER VOLAPUK UE
A79F	ɹ	LATIN SMALL LETTER VOLAPUK UE

**Latvian letters for pre-1921 orthography**

A7A0	Ģ	LATIN CAPITAL LETTER G WITH OBLIQUE STROKE
A7A1	g	LATIN SMALL LETTER G WITH OBLIQUE STROKE
A7A2	Ķ	LATIN CAPITAL LETTER K WITH OBLIQUE STROKE
A7A3	k	LATIN SMALL LETTER K WITH OBLIQUE STROKE
A7A4	Ņ	LATIN CAPITAL LETTER N WITH OBLIQUE STROKE
A7A5	n	LATIN SMALL LETTER N WITH OBLIQUE STROKE
A7A6	Ŗ	LATIN CAPITAL LETTER R WITH OBLIQUE STROKE
A7A7	r	LATIN SMALL LETTER R WITH OBLIQUE STROKE
A7A8	Š	LATIN CAPITAL LETTER S WITH OBLIQUE STROKE
A7A9	s	LATIN SMALL LETTER S WITH OBLIQUE STROKE • also used in pre-1950 Lower Sorbian orthography → 1E9C ƒ latin small letter long s with diagonal stroke

**Additional letter**

A7AA	Ɔ	LATIN CAPITAL LETTER H WITH HOOK • lowercase is 0266 ƒ • used in Chad
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**Additions for Extended IPA**

A7F8	ʰ	MODIFIER LETTER CAPITAL H WITH STROKE • faucalized ≈ <super> 0126 ʰ
A7F9	œ	MODIFIER LETTER SMALL LIGATURE OE • labialized: open-rounded ≈ <super> 0153 œ

**Addition for UPA**

A7FA	Ꞥ	LATIN LETTER SMALL CAPITAL TURNED M
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**Ancient Roman epigraphic letters**

A7FB	Ɔ	LATIN EPIGRAPHIC LETTER REVERSED F
A7FC	Ɔ	LATIN EPIGRAPHIC LETTER REVERSED P
A7FD	Ɔ	LATIN EPIGRAPHIC LETTER INVERTED M
A7FE	Ɔ	LATIN EPIGRAPHIC LETTER I LONGA
A7FF	Ɔ	LATIN EPIGRAPHIC LETTER ARCHAIC M

	A9E	A9F
0	၁ A9E0	
1	၂ A9E1	
2	၃ A9E2	
3	၄ A9E3	
4	၅ A9E4	
5	၆ A9E5	
6	၇ A9E6	
7		
8		
9		
A		
B		
C		
D		
E		
F		

**Shan Pali consonants**

A9E0	၁	MYANMAR LETTER SHAN GHA
A9E1	၂	MYANMAR LETTER SHAN CHA
A9E2	၃	MYANMAR LETTER SHAN JHA
A9E3	၄	MYANMAR LETTER SHAN NNA
A9E4	၅	MYANMAR LETTER SHAN BHA

**Combining mark**

A9E5	၆	MYANMAR SIGN SHAN SAW
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**Punctuation**

A9E6	၇	MYANMAR MODIFIER LETTER SHAN REDUPLICATION → AA70 <sup>*</sup> myanmar modifier letter khamti reduplication
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	AB3	AB4	AB5	AB6	AB7	AB8	AB9	ABA	ABB
0	ƒ AB30	œ AB40	Ƶ AB50						
1	æ AB31	ø AB41	ƶ AB51						
2	ƚ AB32	œ AB42	Ʒ AB52						
3	€ AB33	Ƶ AB43	ƶ AB53						
4	ƒ AB34	Ƶ AB44	ƶ AB54						
5	f AB35	ƶ AB45	ƶ AB55						
6	ƒ AB36	ƶ AB46	ƶ AB56						
7	ƒ AB37	ƶ AB47	ƶ AB57						
8	ƒ AB38	ƶ AB48	ƶ AB58						
9	ƒ AB39	ƶ AB49	ƶ AB59						
A	ƒ AB3A	ƶ AB4A	ƶ AB5A						
B	ƒ AB3B	ƶ AB4B	ƶ AB5B						
C	ƒ AB3C	ƶ AB4C	ƶ AB5C						
D	ƒ AB3D	ƶ AB4D	ƶ AB5D						
E	ƒ AB3E	ƶ AB4E	ƶ AB5E						
F	ƒ AB3F	ƶ AB4F	ƶ AB5F						

**Letters for German dialectology**







AB30	Ɑ	LATIN SMALL LETTER BARRED ALPHA
AB31	Ɱ	LATIN SMALL LETTER A REVERSED-SCHWA
AB32	Ɐ	LATIN SMALL LETTER BLACKLETTER E
AB33	Ɒ	LATIN SMALL LETTER BARRED E
AB34	ⱱ	LATIN SMALL LETTER E WITH FLOURISH
AB35	ƒ	LATIN SMALL LETTER LENIS F → 0066 ƒ latin small letter f
AB36	ⱳ	LATIN SMALL LETTER SCRIPT G WITH CROSSED-TAIL
AB37	Ⱶ	LATIN SMALL LETTER L WITH INVERTED LAZY S
AB38	ⱶ	LATIN SMALL LETTER L WITH DOUBLE MIDDLE TILDE
AB39	ⱷ	LATIN SMALL LETTER L WITH MIDDLE RING
AB3A	ⱸ	LATIN SMALL LETTER M WITH CROSSED-TAIL
AB3B	ⱹ	LATIN SMALL LETTER N WITH CROSSED-TAIL
AB3C	ⱺ	LATIN SMALL LETTER ENG WITH CROSSED-TAIL
AB3D	ⱻ	LATIN SMALL LETTER BLACKLETTER O
AB3E	ⱼ	LATIN SMALL LETTER BLACKLETTER O WITH STROKE
AB3F	ⱽ	LATIN SMALL LETTER OPEN O WITH STROKE
AB40	Ȿ	LATIN SMALL LETTER INVERTED OE = latin small letter o reversed-schwa
AB41	Ɀ	LATIN SMALL LETTER TURNED OE WITH STROKE
AB42	Ⲁ	LATIN SMALL LETTER TURNED OE WITH HORIZONTAL STROKE
AB43	ⲁ	LATIN SMALL LETTER TURNED O OPEN-O
AB44	Ⲃ	LATIN SMALL LETTER TURNED O OPEN-O WITH STROKE
AB45	ⲃ	LATIN SMALL LETTER STIRRUP R
AB46	Ⲅ	LATIN LETTER SMALL CAPITAL R WITH RIGHT LEG
AB47	ⲅ	LATIN SMALL LETTER R WITHOUT HANDLE
AB48	Ⲇ	LATIN SMALL LETTER DOUBLE R
AB49	ⲇ	LATIN SMALL LETTER R WITH CROSSED-TAIL
AB4A	Ⲉ	LATIN SMALL LETTER DOUBLE R WITH CROSSED-TAIL
AB4B	ⲉ	LATIN SMALL LETTER SCRIPT R
AB4C	Ⲋ	LATIN SMALL LETTER SCRIPT R WITH RING
AB4D	ⲋ	LATIN SMALL LETTER BASELINE ESH
AB4E	Ⲍ	LATIN SMALL LETTER U WITH SHORT RIGHT LEG
AB4F	ⲍ	LATIN SMALL LETTER U BAR WITH SHORT RIGHT LEG
AB50	Ⲏ	LATIN SMALL LETTER UI
AB51	ⲏ	LATIN SMALL LETTER TURNED UI
AB52	Ⲑ	LATIN SMALL LETTER U WITH LEFT HOOK
AB53	ⲑ	LATIN SMALL LETTER STRETCHED X → 03C7 ⲑ greek small letter chi
AB54	Ⲓ	LATIN SMALL LETTER STRETCHED X WITH LOW RIGHT RING
AB55	ⲓ	LATIN SMALL LETTER STRETCHED X WITH LOW LEFT SERIF
AB56	Ⲕ	LATIN SMALL LETTER X WITH LOW RIGHT RING
AB57	ⲕ	LATIN SMALL LETTER X WITH LONG LEFT LEG
AB58	Ⲍ	LATIN SMALL LETTER X WITH LONG LEFT LEG AND LOW RIGHT RING
AB59	Ⲏ	LATIN SMALL LETTER X WITH LONG LEFT LEG WITH SERIF
AB5A	ⲏ	LATIN SMALL LETTER Y WITH SHORT RIGHT LEG

**Modifier letters for German dialectology**

AB5B	Ɀ	MODIFIER BREVE WITH INVERTED BREVE
AB5C	ⱽ	MODIFIER LETTER SMALL HENG
AB5D	Ⱶ	MODIFIER LETTER SMALL L WITH INVERTED LAZY S
AB5E	ⱶ	MODIFIER LETTER SMALL L WITH MIDDLE TILDE
AB5F	ⱷ	MODIFIER LETTER SMALL U WITH LEFT HOOK






	FE2
0	 FE20
1	 FE21
2	 FE22
3	 FE23
4	 FE24
5	 FE25
6	 FE26
7	 FE27
8	 FE28
9	 FE29
A	 FE2A
B	 FE2B
C	 FE2C
D	 FE2D
E	
F	

**Combining half marks**

- FE20  COMBINING LIGATURE LEFT HALF  
 FE21  COMBINING LIGATURE RIGHT HALF  
 → 0361  combining double inverted breve  
 FE22  COMBINING DOUBLE TILDE LEFT HALF  
 FE23  COMBINING DOUBLE TILDE RIGHT HALF  
 → 0360  combining double tilde









**Continuous macrons for Coptic**

































*These are used in combinations to represent continuous macrons over a sequence of Coptic letters.*

- FE24  COMBINING MACRON LEFT HALF  
 FE25  COMBINING MACRON RIGHT HALF  
 FE26  COMBINING CONJOINING MACRON  
 → 0304  combining macron  
 → 035E  combining double macron


**Combining half marks below**

*These are used in combinations to represent ligature, tilde, and macron that extend below more than two characters*










- FE27  COMBINING LIGATURE LEFT HALF BELOW  
 FE28  COMBINING LIGATURE RIGHT HALF BELOW  
 → 035C  combining double breve below  
 FE29  COMBINING TILDE LEFT HALF BELOW  
 FE2A  COMBINING TILDE RIGHT HALF BELOW  
 FE2B  COMBINING MACRON LEFT HALF BELOW  
 FE2C  COMBINING MACRON RIGHT HALF BELOW  
 FE2D  COMBINING CONJOINING MACRON BELOW

	102E	102F
0	 102E0	 102F0
1	 102E1	 102F1
2	 102E2	 102F2
3	 102E3	 102F3
4	 102E4	 102F4
5	 102E5	 102F5
6	 102E6	 102F6
7	 102E7	 102F7
8	 102E8	 102F8
9	 102E9	 102F9
A	 102EA	 102FA
B	 102EB	 102FB
C	 102EC	
D	 102ED	
E	 102EE	
F	 102EF	



















**Sign**

102E0  COPTIC EPACT THOUSANDS MARK

**Digits**

- 102E1  COPTIC EPACT DIGIT ONE
- 102E2  COPTIC EPACT DIGIT TWO
- 102E3  COPTIC EPACT DIGIT THREE
- 102E4  COPTIC EPACT DIGIT FOUR
- 102E5  COPTIC EPACT DIGIT FIVE
- 102E6  COPTIC EPACT DIGIT SIX
- 102E7  COPTIC EPACT DIGIT SEVEN
- 102E8  COPTIC EPACT DIGIT EIGHT
- 102E9  COPTIC EPACT DIGIT NINE

**Numbers**

- 102EA  COPTIC EPACT NUMBER TEN
- 102EB  COPTIC EPACT NUMBER TWENTY
- 102EC  COPTIC EPACT NUMBER THIRTY
- 102ED  COPTIC EPACT NUMBER FORTY
- 102EE  COPTIC EPACT NUMBER FIFTY
- 102EF  COPTIC EPACT NUMBER SIXTY
- 102F0  COPTIC EPACT NUMBER SEVENTY
- 102F1  COPTIC EPACT NUMBER EIGHTY
- 102F2  COPTIC EPACT NUMBER NINETY
- 102F3  COPTIC EPACT NUMBER ONE HUNDRED
- 102F4  COPTIC EPACT NUMBER TWO HUNDRED
- 102F5  COPTIC EPACT NUMBER THREE HUNDRED
- 102F6  COPTIC EPACT NUMBER FOUR HUNDRED
- 102F7  COPTIC EPACT NUMBER FIVE HUNDRED
- 102F8  COPTIC EPACT NUMBER SIX HUNDRED
- 102F9  COPTIC EPACT NUMBER SEVEN HUNDRED
- 102FA  COPTIC EPACT NUMBER EIGHT HUNDRED
- 102FB  COPTIC EPACT NUMBER NINE HUNDRED

	1030	1031	1032
0	𐌀 10300	𐌀 10310	𐌀 10320
1	𐌀 10301	𐌀 10311	𐌀 10321
2	𐌀 10302	𐌀 10312	𐌀 10322
3	𐌀 10303	𐌀 10313	𐌀 10323
4	𐌀 10304	𐌀 10314	
5	𐌀 10305	𐌀 10315	
6	𐌀 10306	𐌀 10316	
7	𐌀 10307	𐌀 10317	
8	𐌀 10308	𐌀 10318	
9	𐌀 10309	𐌀 10319	
A	𐌀 1030A	𐌀 1031A	
B	𐌀 1030B	𐌀 1031B	
C	𐌀 1030C	𐌀 1031C	
D	𐌀 1030D	𐌀 1031D	
E	𐌀 1030E	𐌀 1031E	
F	𐌀 1030F	𐌀 1031F	

**Letters**

10300	𐌀	OLD ITALIC LETTER A
10301	𐌀	OLD ITALIC LETTER BE
10302	𐌀	OLD ITALIC LETTER KE
10303	𐌀	OLD ITALIC LETTER DE
10304	𐌀	OLD ITALIC LETTER E
10305	𐌀	OLD ITALIC LETTER VE
10306	𐌀	OLD ITALIC LETTER ZE
10307	𐌀	OLD ITALIC LETTER HE
10308	𐌀	OLD ITALIC LETTER THE
10309	𐌀	OLD ITALIC LETTER I
1030A	𐌀	OLD ITALIC LETTER KA
1030B	𐌀	OLD ITALIC LETTER EL
1030C	𐌀	OLD ITALIC LETTER EM
1030D	𐌀	OLD ITALIC LETTER EN
1030E	𐌀	OLD ITALIC LETTER ESH
1030F	𐌀	OLD ITALIC LETTER O
		• Faliscan
10310	𐌀	OLD ITALIC LETTER PE
10311	𐌀	OLD ITALIC LETTER SHE
10312	𐌀	OLD ITALIC LETTER KU
10313	𐌀	OLD ITALIC LETTER ER
10314	𐌀	OLD ITALIC LETTER ES
10315	𐌀	OLD ITALIC LETTER TE
10316	𐌀	OLD ITALIC LETTER U
10317	𐌀	OLD ITALIC LETTER EKS
		• Faliscan
10318	𐌀	OLD ITALIC LETTER PHE
10319	𐌀	OLD ITALIC LETTER KHE
1031A	𐌀	OLD ITALIC LETTER EF

**Umbrian letters**

1031B	𐌀	OLD ITALIC LETTER ERS
1031C	𐌀	OLD ITALIC LETTER CHE

**Oscan letters**

1031D	𐌀	OLD ITALIC LETTER II
1031E	𐌀	OLD ITALIC LETTER UU

**South Picene letter**

1031F	𐌀	OLD ITALIC LETTER ESS
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**Numerals**

10320	𐌀	OLD ITALIC NUMERAL ONE
10321	𐌀	OLD ITALIC NUMERAL FIVE
10322	𐌀	OLD ITALIC NUMERAL TEN
10323	𐌀	OLD ITALIC NUMERAL FIFTY

	1050	1051	1052
0	€ 10500	∧ 10510	μ 10520
1	⌘ 10501	∧̇ 10511	ኃ 10521
2	Ṗ 10502	ከ 10512	ጆ 10522
3	Ṛ 10503	ጠ 10513	ፍ 10523
4	Ṛ̇ 10504	ጠ̇ 10514	ፍ̇ 10524
5	Ṛ̇̇ 10505	ጠ̇̇ 10515	ፍ̇̇ 10525
6	Ṛ̇̇̇ 10506	ጠ̇̇̇ 10516	ፍ̇̇̇ 10526
7	Ṛ̇̇̇̇ 10507	ጠ̇̇̇̇ 10517	ፍ̇̇̇̇ 10527
8	Ṛ̇̇̇̇̇ 10508	ጠ̇̇̇̇̇ 10518	
9	Ṛ̇̇̇̇̇̇ 10509	ጠ̇̇̇̇̇̇ 10519	
A	Ṛ̇̇̇̇̇̇̇ 1050A	ጠ̇̇̇̇̇̇̇ 1051A	
B	Ṛ̇̇̇̇̇̇̇̇ 1050B	ጠ̇̇̇̇̇̇̇̇ 1051B	
C	Ṛ̇̇̇̇̇̇̇̇̇ 1050C	ጠ̇̇̇̇̇̇̇̇̇ 1051C	
D	Ṛ̇̇̇̇̇̇̇̇̇̇ 1050D	ጠ̇̇̇̇̇̇̇̇̇̇ 1051D	
E	Ṛ̇̇̇̇̇̇̇̇̇̇̇ 1050E	ጠ̇̇̇̇̇̇̇̇̇̇̇ 1051E	
F	Ṛ̇̇̇̇̇̇̇̇̇̇̇̇ 1050F	ጠ̇̇̇̇̇̇̇̇̇̇̇̇ 1051F	

Letters

10500	€	ELBASAN LETTER A
10501	⌘	ELBASAN LETTER BE
10502	Ṗ	ELBASAN LETTER CE
10503	Ṛ	ELBASAN LETTER CHE
10504	Ṛ̇	ELBASAN LETTER DE
10505	Ṛ̇̇	ELBASAN LETTER NDE
10506	Ṛ̇̇̇	ELBASAN LETTER DHE
10507	Ṛ̇̇̇̇	ELBASAN LETTER EI
10508	Ṛ̇̇̇̇̇	ELBASAN LETTER E
10509	Ṛ̇̇̇̇̇̇	ELBASAN LETTER FE
1050A	Ṛ̇̇̇̇̇̇̇	ELBASAN LETTER GE
1050B	Ṛ̇̇̇̇̇̇̇̇	ELBASAN LETTER GJE
1050C	Ṛ̇̇̇̇̇̇̇̇̇	ELBASAN LETTER HE
1050D	Ṛ̇̇̇̇̇̇̇̇̇̇	ELBASAN LETTER I
1050E	Ṛ̇̇̇̇̇̇̇̇̇̇̇	ELBASAN LETTER JE
1050F	Ṛ̇̇̇̇̇̇̇̇̇̇̇̇	ELBASAN LETTER KE
10510	∧	ELBASAN LETTER LE
10511	∧̇	ELBASAN LETTER LLE
10512	ከ	ELBASAN LETTER ME
10513	ጠ	ELBASAN LETTER NE
10514	ጠ̇	ELBASAN LETTER NA
10515	ጠ̇̇	ELBASAN LETTER NJE
10516	ጠ̇̇̇	ELBASAN LETTER O
10517	ጠ̇̇̇̇	ELBASAN LETTER PE
10518	ጠ̇̇̇̇̇	ELBASAN LETTER QE
10519	ጠ̇̇̇̇̇̇	ELBASAN LETTER RE
1051A	ጠ̇̇̇̇̇̇̇	ELBASAN LETTER RRE
1051B	ጠ̇̇̇̇̇̇̇̇	ELBASAN LETTER SE
1051C	ጠ̇̇̇̇̇̇̇̇̇	ELBASAN LETTER SHE
1051D	ጠ̇̇̇̇̇̇̇̇̇̇	ELBASAN LETTER TE
1051E	ጠ̇̇̇̇̇̇̇̇̇̇̇	ELBASAN LETTER THE
1051F	ጠ̇̇̇̇̇̇̇̇̇̇̇̇	ELBASAN LETTER U
10520	ፍ	ELBASAN LETTER VE
10521	ኃ	ELBASAN LETTER XE
10522	ጆ	ELBASAN LETTER Y
10523	ፍ̇	ELBASAN LETTER ZE
10524	ፍ̇̇	ELBASAN LETTER ZHE
10525	ፍ̇̇̇	ELBASAN LETTER GHE
10526	ፍ̇̇̇̇	ELBASAN LETTER GHAMMA
10527	ፍ̇̇̇̇̇	ELBASAN LETTER KHE

	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	106A	106B
0	10600	10610	10620	10630	10640	10650	10660	10670	10680	10690	106A0	106B0
1	10601	10611	10621	10631	10641	10651	10661	10671	10681	10691	106A1	106B1
2	10602	10612	10622	10632	10642	10652	10662	10672	10682	10692	106A2	106B2
3	10603	10613	10623	10633	10643	10653	10663	10673	10683	10693	106A3	106B3
4	10604	10614	10624	10634	10644	10654	10664	10674	10684	10694	106A4	106B4
5	10605	10615	10625	10635	10645	10655	10665	10675	10685	10695	106A5	106B5
6	10606	10616	10626	10636	10646	10656	10666	10676	10686	10696	106A6	106B6
7	10607	10617	10627	10637	10647	10657	10667	10677	10687	10697	106A7	106B7
8	10608	10618	10628	10638	10648	10658	10668	10678	10688	10698	106A8	106B8
9	10609	10619	10629	10639	10649	10659	10669	10679	10689	10699	106A9	106B9
A	1060A	1061A	1062A	1063A	1064A	1065A	1066A	1067A	1068A	1069A	106AA	106BA
B	1060B	1061B	1062B	1063B	1064B	1065B	1066B	1067B	1068B	1069B	106AB	106BB
C	1060C	1061C	1062C	1063C	1064C	1065C	1066C	1067C	1068C	1069C	106AC	106BC
D	1060D	1061D	1062D	1063D	1064D	1065D	1066D	1067D	1068D	1069D	106AD	106BD
E	1060E	1061E	1062E	1063E	1064E	1065E	1066E	1067E	1068E	1069E	106AE	106BE
F	1060F	1061F	1062F	1063F	1064F	1065F	1066F	1067F	1068F	1069F	106AF	106BF

	106C	106D	106E	106F	1070	1071	1072	1073	1074	1075	1076	1077
0	106C0	106D0	106E0	106F0	10700	10710	10720	10730	10740	10750	10760	
1	106C1	106D1	106E1	106F1	10701	10711	10721	10731	10741	10751	10761	
2	106C2	106D2	106E2	106F2	10702	10712	10722	10732	10742	10752	10762	
3	106C3	106D3	106E3	106F3	10703	10713	10723	10733	10743	10753	10763	
4	106C4	106D4	106E4	106F4	10704	10714	10724	10734	10744	10754	10764	
5	106C5	106D5	106E5	106F5	10705	10715	10725	10735	10745	10755	10765	
6	106C6	106D6	106E6	106F6	10706	10716	10726	10736	10746		10766	
7	106C7	106D7	106E7	106F7	10707	10717	10727		10747		10767	
8	106C8	106D8	106E8	106F8	10708	10718	10728		10748			
9	106C9	106D9	106E9	106F9	10709	10719	10729		10749			
A	106CA	106DA	106EA	106FA	1070A	1071A	1072A		1074A			
B	106CB	106DB	106EB	106FB	1070B	1071B	1072B		1074B			
C	106CC	106DC	106EC	106FC	1070C	1071C	1072C		1074C			
D	106CD	106DD	106ED	106FD	1070D	1071D	1072D		1074D			
E	106CE	106DE	106EE	106FE	1070E	1071E	1072E		1074E			
F	106CF	106DF	106EF	106FF	1070F	1071F	1072F		1074F			



## Simple signs

10600	𐀀	LINEAR A SIGN AB001
10601	𐀁	LINEAR A SIGN AB002
10602	𐀂	LINEAR A SIGN AB003
10603	𐀃	LINEAR A SIGN AB004
10604	𐀄	LINEAR A SIGN AB005
10605	𐀅	LINEAR A SIGN AB006
10606	𐀆	LINEAR A SIGN AB007
10607	𐀇	LINEAR A SIGN AB008
10608	𐀈	LINEAR A SIGN AB009
10609	𐀉	LINEAR A SIGN AB010
1060A	𐀊	LINEAR A SIGN AB011
1060B	𐀋	LINEAR A SIGN AB013
1060C	𐀌	LINEAR A SIGN AB016
1060D	𐀍	LINEAR A SIGN AB017
1060E	𐀎	LINEAR A SIGN AB020
1060F	𐀏	LINEAR A SIGN AB021
		• sheep → 10025 𐀑 linear b syllable b021 qi
10610	𐀐	LINEAR A SIGN AB021F
		• ewe → 10086 𐀒 linear b ideogram b106f ewe
10611	𐀑	LINEAR A SIGN AB021M
		• ram → 10087 𐀒 linear b ideogram b106m ram
10612	𐀒	LINEAR A SIGN AB022
		• goat → 10052 𐀒 linear b symbol b022
10613	𐀓	LINEAR A SIGN AB022F
		• she-goat → 10088 𐀔 linear b ideogram b107f she-goat
10614	𐀔	LINEAR A SIGN AB022M
		• he-goat → 10089 𐀔 linear b ideogram b107m he-goat
10615	𐀕	LINEAR A SIGN AB023
		• bovine → 10018 𐀕 linear b syllable b023 mu
10616	𐀖	LINEAR A SIGN AB023M
		• bull → 1008D 𐀖 linear b ideogram b109m bull
10617	𐀗	LINEAR A SIGN AB024
10618	𐀘	LINEAR A SIGN AB026
10619	𐀙	LINEAR A SIGN AB027
1061A	𐀚	LINEAR A SIGN AB028
1061B	𐀛	LINEAR A SIGN A028B
1061C	𐀜	LINEAR A SIGN AB029
1061D	𐀝	LINEAR A SIGN AB030
		• figs → 1001B 𐀝 linear b syllable b030 ni
1061E	𐀞	LINEAR A SIGN AB031
1061F	𐀟	LINEAR A SIGN AB034
10620	𐀠	LINEAR A SIGN AB037
10621	𐀡	LINEAR A SIGN AB038
10622	𐀢	LINEAR A SIGN AB039
10623	𐀣	LINEAR A SIGN AB040
10624	𐀤	LINEAR A SIGN AB041
10625	𐀥	LINEAR A SIGN AB044
10626	𐀦	LINEAR A SIGN AB045
10627	𐀧	LINEAR A SIGN AB046
10628	𐀨	LINEAR A SIGN AB047
10629	𐀩	LINEAR A SIGN AB048
		→ 10045 𐀩 linear b syllable b048 nwa

1062A	𐀪	LINEAR A SIGN AB049
1062B	𐀫	LINEAR A SIGN AB050
1062C	𐀬	LINEAR A SIGN AB051
1062D	𐀭	LINEAR A SIGN AB053
1062E	𐀮	LINEAR A SIGN AB054
		• cloth → 100A7 𐀮 linear b ideogram b159 cloth
1062F	𐀯	LINEAR A SIGN AB055
10630	𐀰	LINEAR A SIGN AB056
10631	𐀱	LINEAR A SIGN AB057
10632	𐀲	LINEAR A SIGN AB058
10633	𐀳	LINEAR A SIGN AB059
10634	𐀴	LINEAR A SIGN AB060
10635	𐀵	LINEAR A SIGN AB061
10636	𐀶	LINEAR A SIGN AB065
10637	𐀷	LINEAR A SIGN AB066
10638	𐀸	LINEAR A SIGN AB067
10639	𐀹	LINEAR A SIGN AB069
1063A	𐀺	LINEAR A SIGN AB070
1063B	𐀻	LINEAR A SIGN AB073
1063C	𐀼	LINEAR A SIGN AB074
1063D	𐀽	LINEAR A SIGN AB076
1063E	𐀾	LINEAR A SIGN AB077
1063F	𐀿	LINEAR A SIGN AB078
10640	𐁀	LINEAR A SIGN AB079
10641	𐁁	LINEAR A SIGN AB080
10642	𐁂	LINEAR A SIGN AB081
10643	𐁃	LINEAR A SIGN AB082
10644	𐁄	LINEAR A SIGN AB085
		• pig → 10042 𐁄 linear b syllable b085 au
10645	𐁅	LINEAR A SIGN AB086
10646	𐁆	LINEAR A SIGN AB087
10647	𐁇	LINEAR A SIGN A100-102
		• man or woman → 10080 𐁇 linear b ideogram b100 man → 10081 𐁇 linear b ideogram b102 woman
10648	𐁈	LINEAR A SIGN AB118
10649	𐁉	LINEAR A SIGN AB120
		• grain → 1008E 𐁉 linear b ideogram b120 wheat
1064A	𐁊	LINEAR A SIGN A120B
		• grain
1064B	𐁋	LINEAR A SIGN AB122
		• olives → 10090 𐁋 linear b ideogram b122 olive
1064C	𐁌	LINEAR A SIGN AB123
1064D	𐁍	LINEAR A SIGN AB131A
		• wine → 10096 𐁍 linear b ideogram b131 wine
1064E	𐁎	LINEAR A SIGN AB131B
		• wine
1064F	𐁏	LINEAR A SIGN A131C
		• wine
10650	𐁐	LINEAR A SIGN AB164
10651	𐁑	LINEAR A SIGN AB171
10652	𐁒	LINEAR A SIGN AB180
10653	𐁓	LINEAR A SIGN AB188
10654	𐁔	LINEAR A SIGN AB191
10655	𐁕	LINEAR A SIGN A301

10656	𐤀	LINEAR A SIGN A302
		• olive oil → 10095 𐤁 linear b ideogram b130 oil
10657	𐤁	LINEAR A SIGN A303
		• cyperus → 10092 𐤂 linear b ideogram b125 cyperus
10658	𐤂	LINEAR A SIGN A304
10659	𐤃	LINEAR A SIGN A305
1065A	𐤄	LINEAR A SIGN A306
1065B	𐤅	LINEAR A SIGN A307
1065C	𐤆	LINEAR A SIGN A308
1065D	𐤇	LINEAR A SIGN A309A
1065E	𐤈	LINEAR A SIGN A309B
1065F	𐤉	LINEAR A SIGN A309C
10660	𐤊	LINEAR A SIGN A310
10661	𐤋	LINEAR A SIGN A311
		• used with 10655 𐤌 linear a sign a301
10662	𐤌	LINEAR A SIGN A312
10663	𐤍	LINEAR A SIGN A313A
		• used with 10647 𐤎 linear a sign a100-102
10664	→	LINEAR A SIGN A313B
		• used with 10647 𐤎 linear a sign a100-102
10665	↘	LINEAR A SIGN A313C
		• used with 10647 𐤎 linear a sign a100-102
10666	𐤏	LINEAR A SIGN A314
10667	𐤐	LINEAR A SIGN A315
10668	𐤑	LINEAR A SIGN A316
10669	𐤒	LINEAR A SIGN A317
1066A	𐤓	LINEAR A SIGN A318
1066B	𐤔	LINEAR A SIGN A319
1066C	𐤕	LINEAR A SIGN A320
1066D	𐤖	LINEAR A SIGN A321
1066E	𐤗	LINEAR A SIGN A322
1066F	𐤘	LINEAR A SIGN A323
10670	𐤙	LINEAR A SIGN A324
10671	𐤚	LINEAR A SIGN A325
10672	𐤛	LINEAR A SIGN A326
10673	𐤜	LINEAR A SIGN A327
10674	𐤝	LINEAR A SIGN A328
10675	𐤞	LINEAR A SIGN A329
10676	𐤟	LINEAR A SIGN A330
		• used with 10600 𐤠 linear a sign ab001 and 1061E 𐤡 linear a sign ab031
10677	𐤠	LINEAR A SIGN A331
10678	𐤡	LINEAR A SIGN A332
10679	𐤢	LINEAR A SIGN A333
1067A	𐤣	LINEAR A SIGN A334
1067B	𐤤	LINEAR A SIGN A335
1067C	𐤥	LINEAR A SIGN A336
1067D	𐤦	LINEAR A SIGN A337
		• used with 10653 𐤧 linear a sign ab188
1067E	𐤨	LINEAR A SIGN A338
1067F	𐤩	LINEAR A SIGN A339
10680	𐤪	LINEAR A SIGN A340
10681	𐤫	LINEAR A SIGN A341
		• used with 10622 𐤬 linear a sign ab039
10682	𐤭	LINEAR A SIGN A342
10683	𐤮	LINEAR A SIGN A343
10684	𐤯	LINEAR A SIGN A344
10685	𐤰	LINEAR A SIGN A345
10686	𐤱	LINEAR A SIGN A346
10687	𐤲	LINEAR A SIGN A347

10688	𐤳	LINEAR A SIGN A348
		• used with 10657 𐤴 linear a sign a303
10689	𐤴	LINEAR A SIGN A349
1068A	𐤵	LINEAR A SIGN A350
1068B	𐤶	LINEAR A SIGN A351
		• used with 10655 𐤷 linear a sign a301
1068C	𐤸	LINEAR A SIGN A352
1068D	𐤹	LINEAR A SIGN A353
1068E	𐤺	LINEAR A SIGN A354
1068F	𐤻	LINEAR A SIGN A355
10690	𐤼	LINEAR A SIGN A356
10691	𐤽	LINEAR A SIGN A357
10692	𐤾	LINEAR A SIGN A358
10693	𐤿	LINEAR A SIGN A359
10694	𐥀	LINEAR A SIGN A360
10695	𐥁	LINEAR A SIGN A361
10696	𐥂	LINEAR A SIGN A362
10697	𐥃	LINEAR A SIGN A363
10698	𐥄	LINEAR A SIGN A364
10699	𐥅	LINEAR A SIGN A365
1069A	𐥆	LINEAR A SIGN A366
1069B	𐥇	LINEAR A SIGN A367
1069C	𐥈	LINEAR A SIGN A368
1069D	𐥉	LINEAR A SIGN A369
1069E	𐥊	LINEAR A SIGN A370
1069F	𐥋	LINEAR A SIGN A371

**Vase shapes**

106A0	𐥌	LINEAR A SIGN A400-VAS
106A1	𐥍	LINEAR A SIGN A401-VAS
106A2	𐥎	LINEAR A SIGN A402-VAS
106A3	𐥏	LINEAR A SIGN A403-VAS
106A4	𐥐	LINEAR A SIGN A404-VAS
106A5	𐥑	LINEAR A SIGN A405-VAS
106A6	𐥒	LINEAR A SIGN A406-VAS
106A7	𐥓	LINEAR A SIGN A407-VAS
106A8	𐥔	LINEAR A SIGN A408-VAS
106A9	𐥕	LINEAR A SIGN A409-VAS
106AA	𐥖	LINEAR A SIGN A410-VAS
106AB	𐥗	LINEAR A SIGN A411-VAS
106AC	𐥘	LINEAR A SIGN A412-VAS
106AD	𐥙	LINEAR A SIGN A413-VAS
106AE	𐥚	LINEAR A SIGN A414-VAS
106AF	𐥛	LINEAR A SIGN A415-VAS
106B0	𐥜	LINEAR A SIGN A416-VAS
106B1	𐥝	LINEAR A SIGN A417-VAS
106B2	𐥞	LINEAR A SIGN A418-VAS

**Complex signs**

106B3	𐥟	LINEAR A SIGN A501
		• 10600 𐥠 ab001, 10601 𐥡 ab002
106B4	𐥠	LINEAR A SIGN A502
		• 10600 𐥠 ab001, 10619 𐥡 ab027, 10608 𐥢 ab009
106B5	𐥡	LINEAR A SIGN A503
		• 10600 𐥠 ab001, 10655 𐥣 a301
106B6	𐥢	LINEAR A SIGN A504
		• 10601 𐥡 ab002, 10601 𐥡 ab002
106B7	𐥣	LINEAR A SIGN A505
		• 10603 𐥤 ab004, 10601 𐥡 ab002
106B8	𐥤	LINEAR A SIGN A506
		• 10606 𐥥 ab007, 1063F 𐥦 ab078

106B9	𐤀	LINEAR A SIGN A508 • 1060C 𐤁 ab016, 10619 𐤂 ab027	106D6	𐤆	LINEAR A SIGN A545 • 10638 𐤇 ab067, 10615 𐤈 ab023
106BA	𐤁	LINEAR A SIGN A509 • 1060C 𐤁 ab016, 10619 𐤂 ab027, 1062B 𐤃 ab050	106D7	𐤇	LINEAR A SIGN A547 • 10639 𐤈 ab069, 10601 𐤉 ab002
106BB	𐤂	LINEAR A SIGN A510 • 1060C 𐤁 ab016, 1062B 𐤃 ab050	106D8	𐤈	LINEAR A SIGN A548 • 1063B 𐤉 ab073, 10631 𐤊 ab057
106BC	𐤃	LINEAR A SIGN A511 • 1060C 𐤁 ab016, 1062B 𐤃 ab050, 10619 𐤂 ab027	106D9	𐤉	LINEAR A SIGN A549 → 106D8 𐤈 linear a sign a548
106BD	𐤄	LINEAR A SIGN A512 • 1060F 𐤅 ab021, 10624 𐤆 ab041	106DA	𐤊	LINEAR A SIGN A550 • 1063B 𐤉 ab073, 10631 𐤊 ab057, 10618 𐤋 ab026
106BE	𐤅	LINEAR A SIGN A513 • 10614 𐤆 ab022m, 10642 𐤇 ab081	106DB	𐤋	LINEAR A SIGN A551 • 1063B 𐤉 ab073, 10631 𐤊 ab057, 1061A 𐤌 ab028
106BF	𐤆	LINEAR A SIGN A515 • 10619 𐤂 ab027, 10608 𐤇 ab009	106DC	𐤌	LINEAR A SIGN A552 • 1063B 𐤉 ab073, 10631 𐤊 ab057, 1063E 𐤍 ab077
106C0	𐤇	LINEAR A SIGN A516 → 1061A 𐤌 linear a sign ab028	106DD	𐤍	LINEAR A SIGN A553 • 1063B 𐤉 ab073, 10655 𐤎 a301
106C1	𐤈	LINEAR A SIGN A520 • 1061A 𐤌 ab028, 10655 𐤎 a301	106DE	𐤎	LINEAR A SIGN A554 • 1063E 𐤍 ab077, 10607 𐤏 ab008
106C2	𐤉	LINEAR A SIGN A521 • 1061E 𐤐 ab031, 10615 𐤈 ab023, 10642 𐤇 ab081	106DF	𐤏	LINEAR A SIGN A555 • 1063F 𐤎 ab078, 10649 𐤐 ab120, 10602 𐤑 ab003
106C3	𐤊	LINEAR A SIGN A523 • 10620 𐤏 ab037, 10607 𐤈 ab008	106E0	𐤐	LINEAR A SIGN A556 → 10641 𐤑 linear a sign ab080
106C4	𐤋	LINEAR A SIGN A524 • 10620 𐤏 ab037, 106AC 𐤒 a412-vas	106E1	𐤑	LINEAR A SIGN A557 • 10641 𐤑 ab080, 10607 𐤈 ab008
106C5	𐤌	LINEAR A SIGN A525 → 10621 𐤐 linear a sign ab038	106E2	𐤒	LINEAR A SIGN A559 • 10641 𐤑 ab080, 10618 𐤋 ab026
106C6	𐤍	LINEAR A SIGN A526 • 10621 𐤐 ab038, 1063E 𐤍 ab077	106E3	𐤓	LINEAR A SIGN A563 • 10641 𐤑 ab080, 10641 𐤑 ab080
106C7	𐤎	LINEAR A SIGN A527 • 10623 𐤑 ab040, 1063C 𐤓 ab074	106E4	𐤔	LINEAR A SIGN A564 → 10642 𐤇 linear a sign ab081
106C8	𐤏	LINEAR A SIGN A528 • 10624 𐤆 ab041, 10606 𐤇 ab007	106E5	𐤕	LINEAR A SIGN A565 • 10645 𐤕 ab086, 10653 𐤖 ab188
106C9	𐤐	LINEAR A SIGN A529 • 10624 𐤆 ab041, 10608 𐤇 ab009	106E6	𐤖	LINEAR A SIGN A566 • 10645 𐤕 ab086, 10653 𐤖 ab188
106CA	𐤑	LINEAR A SIGN A530 • 10624 𐤆 ab041, 1060B 𐤈 ab013	106E7	𐤗	LINEAR A SIGN A568 • 10647 𐤗 a100-102, 1063E 𐤍 ab077
106CB	𐤒	LINEAR A SIGN A531 • 10624 𐤆 ab041, 1060B 𐤈 ab013, 10638 𐤉 ab067	106E8	𐤘	LINEAR A SIGN A569 • 10647 𐤗 a100-102, 1065B 𐤙 a307
106CC	𐤓	LINEAR A SIGN A532 • 10624 𐤆 ab041, 10637 𐤑 ab066	106E9	𐤙	LINEAR A SIGN A570 • 10647 𐤗 a100-102, 10663 𐤚 a313a
106CD	𐤔	LINEAR A SIGN A534 → 1062C 𐤒 linear a sign ab051	106EA	𐤚	LINEAR A SIGN A571 • 10647 𐤗 a100-102, 10664 → a313b
106CE	𐤕	LINEAR A SIGN A535 • 1062E 𐤓 ab054, 10642 𐤇 ab081	106EB	𐤛	LINEAR A SIGN A572 • 10647 𐤗 a100-102, 10665 𐤛 a313c
106CF	𐤖	LINEAR A SIGN A536 • 1062E 𐤓 ab054, 10662 𐤛 a312	106EC	𐤜	LINEAR A SIGN A573 • 10649 𐤜 ab120, 10600 𐤉 ab001
106D0	𐤗	LINEAR A SIGN A537 • 10630 𐤔 ab056, 1063F 𐤎 ab078	106ED	𐤝	LINEAR A SIGN A574 • 10649 𐤜 ab120, 10602 𐤑 ab003
106D1	𐤘	LINEAR A SIGN A538 • 10631 𐤊 ab057, 10618 𐤋 ab026	106EE	𐤞	LINEAR A SIGN A575 • 10649 𐤜 ab120, 10610 𐤙 ab021f
106D2	𐤙	LINEAR A SIGN A539 • 10631 𐤊 ab057, 1063E 𐤍 ab077	106EF	𐤟	LINEAR A SIGN A576 • 10649 𐤜 ab120, 10614 𐤆 ab022m
106D3	𐤚	LINEAR A SIGN A540 • 10632 𐤋 ab058, 1063B 𐤉 ab073	106F0	𐤠	LINEAR A SIGN A577 • 10649 𐤜 ab120, 1062F 𐤔 ab056
106D4	𐤛	LINEAR A SIGN A541 • 10634 𐤌 ab060, 1063E 𐤍 ab077	106F1	𐤡	LINEAR A SIGN A578 • 10649 𐤜 ab120, 1063F 𐤎 ab078
106D5	𐤜	LINEAR A SIGN A542 • 10636 𐤍 ab065, 10669 𐤛 a317, 1063F 𐤎 ab078	106F2	𐤢	LINEAR A SIGN A579 • 10649 𐤜 ab120, 10642 𐤇 ab081

106F3	𐌲	LINEAR A SIGN A580 • 10649 𐌲 ab120, 10741 † a702 b	10711	𐌲	LINEAR A SIGN A616 • 10656 𐌲 a302, 10634 𐌲 ab060
106F4	𐌳	LINEAR A SIGN A581 • 10649 𐌳 ab120, 10743 𐌳 a704 e	10712	𐌳	LINEAR A SIGN A617 • 10656 𐌳 a302, 10638 𐌳 ab067
106F5	𐌴	LINEAR A SIGN A582 • 10649 𐌴 ab120, 10744 𐌴 a705 f	10713	𐌴	LINEAR A SIGN A618 • 10656 𐌴 a302, 10638 𐌴 ab067
106F6	𐌵	LINEAR A SIGN A583 • 10649 𐌵 ab120, 10745 𐌵 a706 h	10714	𐌵	LINEAR A SIGN A619 • 10656 𐌵 a302, 10638 𐌵 ab067, 10609 𐌵 ab010
106F7	𐌶	LINEAR A SIGN A584 • 10649 𐌶 ab120, 10747 𐌶 a708 k, 10749 𐌶 a709-2 l2	10715	𐌶	LINEAR A SIGN A620 • 10656 𐌶 a302, 10638 𐌶 ab067, 1060B 𐌶 ab013
106F8	𐌷	LINEAR A SIGN A585 • 10649 𐌷 ab120, 10749 𐌷 a709-2 l2	10716	𐌷	LINEAR A SIGN A621 • 10656 𐌷 a302, 10639 𐌷 ab069
106F9	𐌸	LINEAR A SIGN A586 • 10649 𐌸 ab120, 1074A 𐌸 a709-3 l3, 1074A 𐌸 a709-3 l3	10717	𐌸	LINEAR A SIGN A622 • 10656 𐌸 a302, 1063B 𐌸 ab073
106FA	𐌹	LINEAR A SIGN A587 • 1064B 𐌹 ab122, 10639 𐌹 ab069	10718	𐌹	LINEAR A SIGN A623 • 10656 𐌹 a302, 1063F 𐌹 ab078, 10606 𐌹 ab007
106FB	𐌺	LINEAR A SIGN A588 • 1064D 𐌺 ab131a, 10603 𐌺 ab004	10719	𐌺	LINEAR A SIGN A624 • 10657 𐌺 a303, 10742 𐌺 a703 d
106FC	𐌻	LINEAR A SIGN A589 • 1064D 𐌻 ab131a, 1061E 𐌻 ab031	1071A	𐌻	LINEAR A SIGN A626 • 10657 𐌻 a303, 10743 𐌻 a704 e
106FD	𐌼	LINEAR A SIGN A591 • 1064D 𐌼 ab131a, 1062E 𐌼 ab054	1071B	𐌻	LINEAR A SIGN A627 • 10657 𐌻 a303, 10747 𐌻 a708 k
106FE	𐌽	LINEAR A SIGN A592 • 1064D 𐌽 ab131a, 1062E 𐌽 ab054	1071C	𐌻	LINEAR A SIGN A628 → 10658 𐌻 linear a sign a304
106FF	𐌾	LINEAR A SIGN A594 • 1064D 𐌾 ab131a, 10634 𐌾 ab060	1071D	𐌻	LINEAR A SIGN A629 • 10658 𐌻 a304, 10602 𐌻 ab003
10700	𐌿	LINEAR A SIGN A595 • 1064D 𐌿 ab131a, 10634 𐌿 ab060	1071E	𐌿	LINEAR A SIGN A634 • 1065A 𐌿 a306, 1063B 𐌿 ab073
10701	𐍀	LINEAR A SIGN A596 • 1064D 𐍀 ab131a, 1063E 𐍀 ab077	1071F	𐍀	LINEAR A SIGN A637 • 1065B 𐍀 a307, 10655 𐍀 a301
10702	𐍁	LINEAR A SIGN A598 • 1064D 𐍁 ab131b, 10623 𐍁 ab040	10720	𐍁	LINEAR A SIGN A638 • 1065B 𐍁 a307, 1065B 𐍁 a307
10703	𐍂	LINEAR A SIGN A600 • 10762 𐍂 a802, 10741 † a702 b	10721	𐍂	LINEAR A SIGN A640 • 10668 𐍂 a316, 10638 𐍂 ab067
10704	𐍃	LINEAR A SIGN A601 • 10762 𐍃 a802, 10748 𐍃 a709 l	10722	𐍃	LINEAR A SIGN A642 → 1066A 𐍃 linear a sign a318
10705	𐍄	LINEAR A SIGN A602 • 10652 𐍄 ab180, 10741 † a702 b	10723	𐍄	LINEAR A SIGN A643 • 10676 𐍄 a330, 10600 𐍄 ab001
10706	𐍅	LINEAR A SIGN A603 • 10652 𐍅 ab180, 10748 𐍅 a709 l	10724	𐍅	LINEAR A SIGN A644 • 10676 𐍅 a330, 1061E 𐍅 ab031
10707	𐍆	LINEAR A SIGN A604 • 10653 𐍆 ab188, 10642 𐍆 ab081	10725	𐍆	LINEAR A SIGN A645 • 1067D 𐍆 a337, 10653 𐍆 ab188
10708	𐍇	LINEAR A SIGN A606 • 10655 𐍇 a301, 10661 𐍇 a311	10726	𐍇	LINEAR A SIGN A646 • 10681 𐍇 a341, 10622 𐍇 ab039
10709	𐍈	LINEAR A SIGN A608 • 10656 𐍈 a302, 10606 𐍈 ab007	<b>Complex signs with vase shapes</b>		
1070A	𐍉	LINEAR A SIGN A609 • 10656 𐍉 a302, 10607 𐍉 ab008	10727	𐍉	LINEAR A SIGN A648 • 106A0 𐍉 a400-vas, 1062D 𐍉 ab053
1070B	𐍊	LINEAR A SIGN A610 • 10656 𐍊 a302, 10609 𐍊 ab010	10728	𐍊	LINEAR A SIGN A649 → 106A1 𐍊 linear a sign a401-vas
1070C	𐍋	LINEAR A SIGN A611 • 10656 𐍋 a302, 10610 𐍋 ab021f	10729	𐍋	LINEAR A SIGN A651 • 106A1 𐍋 a401-vas, 10618 𐍋 ab026
1070D	𐍌	LINEAR A SIGN A612 • 10656 𐍌 a302, 10617 𐍌 ab024	1072A	𐍌	LINEAR A SIGN A652 • 106A1 𐍌 a401-vas, 10634 𐍌 ab060
1070E	𐍍	LINEAR A SIGN A613 • 10656 𐍍 a302, 10621 𐍍 ab038	1072B	𐍍	LINEAR A SIGN A653 • 106A1 𐍍 a401-vas, 10658 𐍍 a304
1070F	𐍎	LINEAR A SIGN A614 • 10656 𐍎 a302, 1062D 𐍎 ab053	1072C	𐍎	LINEAR A SIGN A654 • 106A4 𐍎 a404-vas, 10607 𐍎 ab008
10710	𐍏	LINEAR A SIGN A615 • 10656 𐍏 a302, 10633 𐍏 ab059	1072D	𐍏	LINEAR A SIGN A655 • 106A5 𐍏 a405-vas, 10750 𐍏 a713 omega

































1072E	𐀀	LINEAR A SIGN A656	• 106A6 𐀁 a406-vas, 10625 𐀂 ab044	10762	𐀃	LINEAR A SIGN A802	→ 10634 𐀄 linear a sign ab060
1072F	𐀅	LINEAR A SIGN A657	• 106A7 𐀆 a407-vas, 10607 𐀇 ab008	10763	𐀈	LINEAR A SIGN A803	• 1064D 𐀉 ab131a, 10762 𐀃 a802
10730	𐀊	LINEAR A SIGN A658	• 106AC 𐀋 a412-vas, 10743 𐀌 a704 e	10764	𐀍	LINEAR A SIGN A804	• 10652 𐀎 ab180, 1061E 𐀏 ab031
10731	𐀐	LINEAR A SIGN A659	• 106AC 𐀋 a412-vas, 10744 𐀌 a705 f	10765	𐀒	LINEAR A SIGN A805	→ 10655 𐀓 linear a sign a301
10732	𐀑	LINEAR A SIGN A660	• 106AD 𐀒 a413-vas, 10632 𐀓 ab058	10766	𐀔	LINEAR A SIGN A806	• 10668 𐀕 a316, 10601 𐀖 ab002
10733	𐀒	LINEAR A SIGN A661	→ 106AE 𐀓 linear a sign a414-vas	10767	𐀕	LINEAR A SIGN A807	• 10668 𐀕 a316, 10742 𐀗 a703 d
10734	𐀔	LINEAR A SIGN A662	• 106AE 𐀓 a414-vas, 10744 𐀌 a705 f				
10735	𐀕	LINEAR A SIGN A663	• 106B1 𐀖 a417-vas, 10749 𐀗 a709-2 l2				
10736	𐀖	LINEAR A SIGN A664	• 106B2 𐀗 a418-vas, 10749 𐀗 a709-2 l2				

**Fractions and compound fractions**
























10740	𐀘	LINEAR A SIGN A701 A	= possibly one sixth (value uncertain) → 29E7 𐀙 thermodynamic
10741	𐀙	LINEAR A SIGN A702 B	= one third
10742	𐀚	LINEAR A SIGN A703 D	= one fifth
10743	𐀛	LINEAR A SIGN A704 E	= one quarter
10744	𐀜	LINEAR A SIGN A705 F	= one eighth
10745	𐀝	LINEAR A SIGN A706 H	= possibly one sixth (value uncertain)
10746	𐀞	LINEAR A SIGN A707 J	= one half
10747	𐀟	LINEAR A SIGN A708 K	= one sixteenth → 1013C 𐀠 aegean dry measure first subunit
10748	𐀠	LINEAR A SIGN A709 L	
10749	𐀡	LINEAR A SIGN A709-2 L2	
1074A	𐀢	LINEAR A SIGN A709-3 L3	
1074B	𐀣	LINEAR A SIGN A709-4 L4	
1074C	𐀤	LINEAR A SIGN A709-6 L6	• used with 10655 𐀓 linear a sign a301
1074D	𐀥	LINEAR A SIGN A710 W	
1074E	𐀦	LINEAR A SIGN A711 X	→ 10139 𐀧 aegean weight second subunit
1074F	𐀨	LINEAR A SIGN A712 Y	→ 16B9 𐀩 runic letter wunjo wynn w
10750	𐀪	LINEAR A SIGN A713 OMEGA	• used with 106A5 𐀫 linear a sign a405-vas
10751	𐀬	LINEAR A SIGN A714 ABB	
10752	𐀭	LINEAR A SIGN A715 BB	
10753	𐀮	LINEAR A SIGN A717 DD	
10754	𐀯	LINEAR A SIGN A726 EYYY	
10755	𐀰	LINEAR A SIGN A732 JE	= three quarters

**Additional signs**



10760	𐀱	LINEAR A SIGN A800	• 10603 𐀲 ab004, 10607 𐀇 ab008
10761	𐀳	LINEAR A SIGN A801	• 1062E 𐀴 ab054, 10608 𐀵 ab009

	1086	1087
0	 10860	 10870
1	 10861	 10871
2	 10862	 10872
3	 10863	 10873
4	 10864	 10874
5	 10865	 10875
6	 10866	 10876
7	 10867	 10877
8	 10868	 10878
9	 10869	 10879
A	 1086A	 1087A
B	 1086B	 1087B
C	 1086C	 1087C
D	 1086D	 1087D
E	 1086E	 1087E
F	 1086F	 1087F








**Letters**

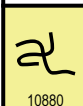
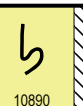
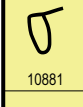
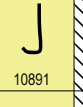
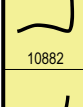
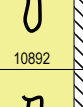
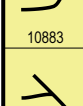
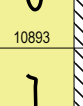
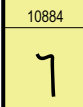
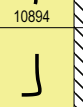
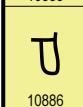
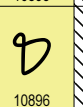
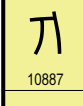
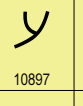
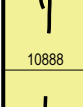
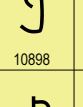
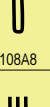
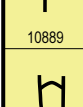
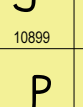
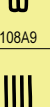
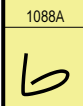
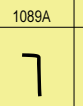

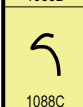
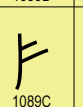
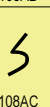
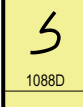
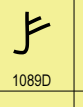

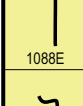

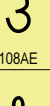
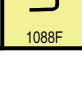

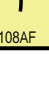



10860		PALMYRENE LETTER ALEPH
10861		PALMYRENE LETTER BETH
10862		PALMYRENE LETTER GIMEL
10863		PALMYRENE LETTER DALETH
10864		PALMYRENE LETTER HE
10865		PALMYRENE LETTER WAW
10866		PALMYRENE LETTER ZAYIN
10867		PALMYRENE LETTER HETH
10868		PALMYRENE LETTER TETH
10869		PALMYRENE LETTER YODH
1086A		PALMYRENE LETTER KAPH
1086B		PALMYRENE LETTER LAMEDH
1086C		PALMYRENE LETTER MEM
1086D		PALMYRENE LETTER FINAL NUN
1086E		PALMYRENE LETTER NUN
1086F		PALMYRENE LETTER SAMEKH
10870		PALMYRENE LETTER AYIN
10871		PALMYRENE LETTER PE
10872		PALMYRENE LETTER SADHE
10873		PALMYRENE LETTER QOPH
10874		PALMYRENE LETTER RESH
10875		PALMYRENE LETTER SHIN
10876		PALMYRENE LETTER TAW

**Symbols**
































10877		PALMYRENE LEFT-POINTING FLEURON
10878		PALMYRENE RIGHT-POINTING FLEURON

**Numbers**










10879		PALMYRENE NUMBER ONE
1087A		PALMYRENE NUMBER TWO
1087B		PALMYRENE NUMBER THREE
1087C		PALMYRENE NUMBER FOUR
1087D		PALMYRENE NUMBER FIVE
1087E		PALMYRENE NUMBER TEN
		• also used for hundreds
1087F		PALMYRENE NUMBER TWENTY

































	1088	1089	108A
0	 10880	 10890	
1	 10881	 10891	
2	 10882	 10892	
3	 10883	 10893	
4	 10884	 10894	
5	 10885	 10895	
6	 10886	 10896	
7	 10887	 10897	 108A7
8	 10888	 10898	 108A8
9	 10889	 10899	 108A9
A	 1088A	 1089A	 108AA
B	 1088B	 1089B	 108AB
C	 1088C	 1089C	 108AC
D	 1088D	 1089D	 108AD
E	 1088E	 1089E	 108AE
F	 1088F		 108AF

**Letters**

10880		NABATAEAN LETTER FINAL ALEPH
10881		NABATAEAN LETTER ALEPH
10882		NABATAEAN LETTER FINAL BETH
10883		NABATAEAN LETTER BETH
10884		NABATAEAN LETTER GIMEL
10885		NABATAEAN LETTER GIMEL
10886		NABATAEAN LETTER FINAL HE
10887		NABATAEAN LETTER HE
10888		NABATAEAN LETTER WAW
10889		NABATAEAN LETTER WAW
1088A		NABATAEAN LETTER HETH
1088B		NABATAEAN LETTER TETH
1088C		NABATAEAN LETTER FINAL YODH
1088D		NABATAEAN LETTER YODH
1088E		NABATAEAN LETTER FINAL KAPH
1088F		NABATAEAN LETTER KAPH
10890		NABATAEAN LETTER FINAL LAMEDH
10891		NABATAEAN LETTER LAMEDH
10892		NABATAEAN LETTER FINAL MEM
10893		NABATAEAN LETTER MEM
10894		NABATAEAN LETTER FINAL NUN
10895		NABATAEAN LETTER NUN
10896		NABATAEAN LETTER SAMEKH
10897		NABATAEAN LETTER AYIN
10898		NABATAEAN LETTER PE
10899		NABATAEAN LETTER SADHE
1089A		NABATAEAN LETTER QOPH
1089B		NABATAEAN LETTER RESH
1089C		NABATAEAN LETTER FINAL SHIN
1089D		NABATAEAN LETTER SHIN
1089E		NABATAEAN LETTER TAW

**Numbers**

108A7		NABATAEAN NUMBER ONE
108A8		NABATAEAN NUMBER TWO
108A9		NABATAEAN NUMBER THREE
108AA		NABATAEAN NUMBER FOUR
108AB		NABATAEAN CRUCIFORM NUMBER FOUR
108AC		NABATAEAN NUMBER FIVE
108AD		NABATAEAN NUMBER TEN
108AE		NABATAEAN NUMBER TWENTY
108AF		NABATAEAN NUMBER ONE HUNDRED

	10A8	10A9
0	 10A80	 10A90
1	 10A81	 10A91
2	 10A82	 10A92
3	 10A83	 10A93
4	 10A84	 10A94
5	 10A85	 10A95
6	 10A86	 10A96
7	 10A87	 10A97
8	 10A88	 10A98
9	 10A89	 10A99
A	 10A8A	 10A9A
B	 10A8B	 10A9B
C	 10A8C	 10A9C
D	 10A8D	 10A9D
E	 10A8E	 10A9E
F	 10A8F	 10A9F



**Letters**

10A80	𐩇	OLD NORTH ARABIAN LETTER HEH	<ul style="list-style-type: none"> <li>transliterated as h</li> <li>→ 1200 <b>ሀ</b> ethiopic syllable ha</li> <li>→ 10A60 <b>𐩇</b> old south arabian letter he</li> </ul>
10A81	𐩈	OLD NORTH ARABIAN LETTER LAM	<ul style="list-style-type: none"> <li>transliterated as l</li> <li>→ 1208 <b>ለ</b> ethiopic syllable la</li> <li>→ 10A61 <b>𐩈</b> old south arabian letter lamedh</li> </ul>
10A82	𐩉	OLD NORTH ARABIAN LETTER HAH	<ul style="list-style-type: none"> <li>transliterated as 1E25 <b>ሐ</b></li> <li>→ 1210 <b>ሐ</b> ethiopic syllable hha</li> <li>→ 10A62 <b>𐩉</b> old south arabian letter heth</li> </ul>
10A83	𐩊	OLD NORTH ARABIAN LETTER MEEM	<ul style="list-style-type: none"> <li>transliterated as m</li> <li>→ 1218 <b>መ</b> ethiopic syllable ma</li> <li>→ 10A63 <b>𐩊</b> old south arabian letter mem</li> </ul>
10A84	𐩋	OLD NORTH ARABIAN LETTER QAF	<ul style="list-style-type: none"> <li>transliterated as q</li> <li>→ 1240 <b>ቀ</b> ethiopic syllable qa</li> <li>→ 10A64 <b>𐩋</b> old south arabian letter qoph</li> </ul>
10A85	𐩌	OLD NORTH ARABIAN LETTER WAW	<ul style="list-style-type: none"> <li>transliterated as w</li> <li>→ 12C8 <b>ወ</b> ethiopic syllable wa</li> <li>→ 10A65 <b>𐩌</b> old south arabian letter waw</li> </ul>
10A86	𐩍	OLD NORTH ARABIAN LETTER ES-2	<ul style="list-style-type: none"> <li>transliterated as s2</li> <li>→ 1220 <b>ሠ</b> ethiopic syllable sza</li> <li>→ 10A66 <b>𐩍</b> old south arabian letter shin</li> </ul>
10A87	𐩎	OLD NORTH ARABIAN LETTER REH	<ul style="list-style-type: none"> <li>transliterated as r</li> <li>→ 1228 <b>ረ</b> ethiopic syllable ra</li> <li>→ 10A67 <b>𐩎</b> old south arabian letter resh</li> </ul>
10A88	𐩏	OLD NORTH ARABIAN LETTER BEH	<ul style="list-style-type: none"> <li>transliterated as b</li> <li>→ 1260 <b>በ</b> ethiopic syllable ba</li> <li>→ 10A68 <b>𐩏</b> old south arabian letter beth</li> </ul>
10A89	𐩐	OLD NORTH ARABIAN LETTER TEH	<ul style="list-style-type: none"> <li>transliterated as t</li> <li>→ 1270 <b>ተ</b> ethiopic syllable ta</li> <li>→ 10A69 <b>𐩐</b> old south arabian letter taw</li> </ul>
10A8A	𐩑	OLD NORTH ARABIAN LETTER ES-1	<ul style="list-style-type: none"> <li>transliterated as s1</li> <li>→ 1230 <b>ሰ</b> ethiopic syllable sa</li> <li>→ 10A6A <b>𐩑</b> old south arabian letter sat</li> </ul>
10A8B	𐩒	OLD NORTH ARABIAN LETTER KAF	<ul style="list-style-type: none"> <li>transliterated as k</li> <li>→ 12A8 <b>ከ</b> ethiopic syllable ka</li> <li>→ 10A6B <b>𐩒</b> old south arabian letter kaph</li> </ul>
10A8C	𐩓	OLD NORTH ARABIAN LETTER NOON	<ul style="list-style-type: none"> <li>transliterated as n</li> <li>→ 1290 <b>ነ</b> ethiopic syllable na</li> <li>→ 10A6C <b>𐩓</b> old south arabian letter nun</li> </ul>
10A8D	𐩔	OLD NORTH ARABIAN LETTER KHAH	<ul style="list-style-type: none"> <li>transliterated as 1E2B <b>ከ</b></li> <li>→ 1280 <b>ከ</b> ethiopic syllable xa</li> <li>→ 10A6D <b>𐩔</b> old south arabian letter kheth</li> </ul>
10A8E	𐩕	OLD NORTH ARABIAN LETTER SAD	<ul style="list-style-type: none"> <li>transliterated as 1E63 <b>ሠ</b></li> <li>→ 1338 <b>ሠ</b> ethiopic syllable tsa</li> <li>→ 10A6E <b>𐩕</b> old south arabian letter sadhe</li> </ul>

10A8F	𐩖	OLD NORTH ARABIAN LETTER ES-3	<ul style="list-style-type: none"> <li>transliterated as s3</li> <li>→ 10A6F <b>𐩖</b> old south arabian letter samekh</li> </ul>
10A90	𐩗	OLD NORTH ARABIAN LETTER FEH	<ul style="list-style-type: none"> <li>transliterated as f</li> <li>→ 1348 <b>ፈ</b> ethiopic syllable fa</li> <li>→ 10A70 <b>𐩗</b> old south arabian letter fe</li> </ul>
10A91	𐩘	OLD NORTH ARABIAN LETTER ALEF	<ul style="list-style-type: none"> <li>transliterated as 02BC <b>ʾ</b></li> <li>→ 12A0 <b>አ</b> ethiopic syllable glottal a</li> <li>→ 10A71 <b>𐩘</b> old south arabian letter alef</li> </ul>
10A92	𐩙	OLD NORTH ARABIAN LETTER AIN	<ul style="list-style-type: none"> <li>transliterated as 02BD <b>ʾ</b></li> <li>→ 12D0 <b>ዐ</b> ethiopic syllable pharyngeal a</li> <li>→ 10A72 <b>𐩙</b> old south arabian letter ayn</li> </ul>
10A93	𐩚	OLD NORTH ARABIAN LETTER DAD	<ul style="list-style-type: none"> <li>transliterated as 1E0D <b>ደ</b></li> <li>→ 1340 <b>ዐ</b> ethiopic syllable tza</li> <li>→ 10A73 <b>𐩚</b> old south arabian letter dhadhe</li> </ul>
10A94	𐩛	OLD NORTH ARABIAN LETTER GEEM	<ul style="list-style-type: none"> <li>transliterated as g</li> <li>→ 1308 <b>ገ</b> ethiopic syllable ga</li> <li>→ 10A74 <b>𐩛</b> old south arabian letter gimel</li> </ul>
10A95	𐩜	OLD NORTH ARABIAN LETTER DAL	<ul style="list-style-type: none"> <li>transliterated as d</li> <li>→ 12F0 <b>ደ</b> ethiopic syllable da</li> <li>→ 10A75 <b>𐩜</b> old south arabian letter daleth</li> </ul>
10A96	𐩝	OLD NORTH ARABIAN LETTER GHAIN	<ul style="list-style-type: none"> <li>transliterated as 0121 <b>ḡ</b></li> <li>→ 10A76 <b>𐩝</b> old south arabian letter ghayn</li> </ul>
10A97	𐩞	OLD NORTH ARABIAN LETTER TAH	<ul style="list-style-type: none"> <li>transliterated as 1E6D <b>ተ</b></li> <li>→ 1320 <b>ጠ</b> ethiopic syllable tha</li> <li>→ 10A77 <b>𐩞</b> old south arabian letter teth</li> </ul>
10A98	𐩟	OLD NORTH ARABIAN LETTER ZAIN	<ul style="list-style-type: none"> <li>transliterated as z</li> <li>→ 12D8 <b>ረ</b> ethiopic syllable za</li> <li>→ 10A78 <b>𐩟</b> old south arabian letter zayn</li> </ul>
10A99	𐩠	OLD NORTH ARABIAN LETTER THAL	<ul style="list-style-type: none"> <li>transliterated as 1E0F <b>ደ</b></li> <li>→ 10A79 <b>ሐ</b> old south arabian letter dhaaleth</li> </ul>
10A9A	𐩡	OLD NORTH ARABIAN LETTER YEY	<ul style="list-style-type: none"> <li>transliterated as y</li> <li>→ 12E8 <b>የ</b> ethiopic syllable ya</li> <li>→ 10A7A <b>𐩡</b> old south arabian letter yodh</li> </ul>
10A9B	𐩢	OLD NORTH ARABIAN LETTER THEH	<ul style="list-style-type: none"> <li>transliterated as 1E6F <b>ተ</b></li> <li>→ 10A7B <b>፩</b> old south arabian letter thaw</li> </ul>
10A9C	𐩣	OLD NORTH ARABIAN LETTER ZAH	<ul style="list-style-type: none"> <li>transliterated as 1E93 <b>ḗ</b></li> <li>→ 10A7C <b>ሐ</b> old south arabian letter theth</li> </ul>

**Numbers**

10A9D	𐩤	OLD NORTH ARABIAN NUMBER ONE
10A9E	𐩥	OLD NORTH ARABIAN NUMBER TEN
10A9F	𐩦	OLD NORTH ARABIAN NUMBER TWENTY

	10AC	10AD	10AE	10AF
0	10AC0	10AD0	10AE0	10AF0
1	10AC1	10AD1	10AE1	10AF1
2	10AC2	10AD2	10AE2	10AF2
3	10AC3	10AD3	10AE3	10AF3
4	10AC4	10AD4	10AE4	10AF4
5	10AC5	10AD5	10AE5	10AF5
6	10AC6	10AD6	10AE6	10AF6
7	10AC7	10AD7		
8	10AC8	10AD8		
9	10AC9	10AD9		
A	10ACA	10ADA		
B	10ACB	10ADB	10AEB	
C	10ACC	10ADC	10AEC	
D	10ACD	10ADD	10AED	
E	10ACE	10ADE	10AEE	
F	10ACF	10ADF	10AEF	

**Letters**

10AC0		MANICHAEAN LETTER ALEPH
10AC1		MANICHAEAN LETTER BETH
10AC2		MANICHAEAN LETTER BHETH
10AC3		MANICHAEAN LETTER GIMEL
10AC4		MANICHAEAN LETTER GHIMEL
10AC5		MANICHAEAN LETTER DALETH
10AC6		MANICHAEAN LETTER HE
10AC7		MANICHAEAN LETTER WAW
10AC8		MANICHAEAN SIGN UD
10AC9		MANICHAEAN LETTER ZAYIN
10ACA		MANICHAEAN LETTER ZHAYIN
10ACB		MANICHAEAN LETTER JAYIN
10ACC		MANICHAEAN LETTER JHAYIN
10ACD		MANICHAEAN LETTER HETH
10ACE		MANICHAEAN LETTER TETH
10ACF		MANICHAEAN LETTER YODH
10AD0		MANICHAEAN LETTER KAPH
10AD1		MANICHAEAN LETTER XAPH
10AD2		MANICHAEAN LETTER KHAPH
10AD3		MANICHAEAN LETTER LAMEDH
10AD4		MANICHAEAN LETTER DHAMEDH
10AD5		MANICHAEAN LETTER THAMEDH
10AD6		MANICHAEAN LETTER MEM
10AD7		MANICHAEAN LETTER NUN
10AD8		MANICHAEAN LETTER SAMEKH
10AD9		MANICHAEAN LETTER AYIN
10ADA		MANICHAEAN LETTER AAYIN
10ADB		MANICHAEAN LETTER PE
10ADC		MANICHAEAN LETTER FE
10ADD		MANICHAEAN LETTER SADHE
10ADE		MANICHAEAN LETTER QOPH
10ADF		MANICHAEAN LETTER XOPH
10AE0		MANICHAEAN LETTER QHOPH
10AE1		MANICHAEAN LETTER RESH
10AE2		MANICHAEAN LETTER SHIN
10AE3		MANICHAEAN LETTER SSHIN
10AE4		MANICHAEAN LETTER TAW

**Combining marks**

10AE5		MANICHAEAN ABBREVIATION MARK ABOVE
10AE6		MANICHAEAN ABBREVIATION MARK BELOW

**Numbers**

10AEB		MANICHAEAN NUMBER ONE
10AEC		MANICHAEAN NUMBER FIVE
10AED		MANICHAEAN NUMBER TEN
10AEE		MANICHAEAN NUMBER TWENTY
10AEF		MANICHAEAN NUMBER ONE HUNDRED

**Punctuation**

10AF0		MANICHAEAN PUNCTUATION STAR
10AF1		MANICHAEAN PUNCTUATION FLEURON
10AF2		MANICHAEAN PUNCTUATION DOUBLE DOT WITHIN DOT
10AF3		MANICHAEAN PUNCTUATION DOT WITHIN DOT
10AF4		MANICHAEAN PUNCTUATION DOT
10AF5		MANICHAEAN PUNCTUATION TWO DOTS
10AF6		MANICHAEAN PUNCTUATION LINE FILLER

	111E	111F
0		අූෂ 111F0
1	෧ 111E1	ඔ 111F1
2	෨ 111E2	ඔ 111F2
3	෩ 111E3	ඔ 111F3
4	෪ 111E4	ඔ 111F4
5	෫ 111E5	
6	෬ 111E6	
7	෭ 111E7	
8	෮ 111E8	
9	෯ 111E9	
A	අ 111EA	
B	ඔ 111EB	
C	෧ 111EC	
D	෨ 111ED	
E	෩ 111EE	
F	෪ 111EF	

This number system is also known as Sinhala Illakkam. This number system does not have a zero place holder concept unlike the Sinhala astrological numbers, Sinhala Lith Illakkam, encoded in the 0D80-0DFF range.

**Historical digits**

These digits are not used with a zero

111E1	෧	SINHALA ARCHAIC DIGIT ONE
111E2	෨	SINHALA ARCHAIC DIGIT TWO
111E3	෩	SINHALA ARCHAIC DIGIT THREE
111E4	෪	SINHALA ARCHAIC DIGIT FOUR
111E5	෫	SINHALA ARCHAIC DIGIT FIVE
111E6	෬	SINHALA ARCHAIC DIGIT SIX
111E7	෭	SINHALA ARCHAIC DIGIT SEVEN
111E8	෮	SINHALA ARCHAIC DIGIT EIGHT
111E9	෯	SINHALA ARCHAIC DIGIT NINE

**Historical numbers**

111EA	අ	SINHALA ARCHAIC NUMBER TEN
111EB	ඔ	SINHALA ARCHAIC NUMBER TWENTY
111EC	෧	SINHALA ARCHAIC NUMBER THIRTY
111ED	෨	SINHALA ARCHAIC NUMBER FORTY
111EE	෩	SINHALA ARCHAIC NUMBER FIFTY
111EF	෪	SINHALA ARCHAIC NUMBER SIXTY
111F0	අූෂ	SINHALA ARCHAIC NUMBER SEVENTY
111F1	ඔ	SINHALA ARCHAIC NUMBER EIGHTY
111F2	ඔ	SINHALA ARCHAIC NUMBER NINETY
111F3	ඔ	SINHALA ARCHAIC NUMBER ONE HUNDRED
111F4	ඔ	SINHALA ARCHAIC NUMBER ONE THOUSAND

	1120	1121	1122	1123	1124
0	𑌒 11200	𑌓 11210	𑌔 11220	𑌕 11230	
1	𑌖 11201	𑌗 11211	𑌘 11221	𑌙 11231	
2	𑌚 11202		𑌛 11222	𑌜 11232	
3	𑌞 11203	𑌟 11213	𑌠 11223	𑌡 11233	
4	𑌤 11204	𑌥 11214	𑌦 11224	𑌧 11234	
5	𑌩 11205	𑌪 11215	𑌫 11225	𑌬 11235	
6	𑌮 11206	𑌯 11216	𑌰 11226	𑌱 11236	
7	𑌴 11207	𑌵 11217	𑌶 11227	𑌷 11237	
8	𑌹 11208	𑌺 11218	𑌻 11228	𑌼 11238	
9	𑌽 11209	𑌾 11219	𑌿 11229	𑍀 11239	
A	𑍃 1120A	𑍄 1121A	𑍅 1122A	𑍆 1123A	
B	𑍉 1120B	𑍊 1121B	𑍋 1122B	𑍌 1123B	
C	𑍑 1120C	𑍒 1121C	𑍓 1122C	𑍔 1123C	
D	𑍖 1120D	𑍗 1121D	𑍘 1122D	𑍙 1123D	
E	𑍛 1120E	𑍜 1121E	𑍝 1122E		
F	𑍞 1120F	𑍟 1121F	𑍠 1122F		

**Independent vowels**

11200	𑀀	KHOJKI LETTER A
11201	𑀁	KHOJKI LETTER AA
11202	𑀂	KHOJKI LETTER I
11203	𑀃	KHOJKI LETTER U
11204	𑀄	KHOJKI LETTER E
11205	𑀅	KHOJKI LETTER AI
11206	𑀆	KHOJKI LETTER O
11207	𑀇	KHOJKI LETTER AU

**Consonants**

11208	𑀈	KHOJKI LETTER KA
11209	𑀉	KHOJKI LETTER KHA
1120A	𑀊	KHOJKI LETTER GA
1120B	𑀋	KHOJKI LETTER GGA
1120C	𑀌	KHOJKI LETTER GHA
1120D	𑀍	KHOJKI LETTER NGA
1120E	𑀎	KHOJKI LETTER CA
1120F	𑀏	KHOJKI LETTER CHA
11210	𑀐	KHOJKI LETTER JA
11211	𑀑	KHOJKI LETTER JJA
11212	𑀒	<reserved>
11213	𑀓	KHOJKI LETTER NYA
11214	𑀔	KHOJKI LETTER TTA
11215	𑀕	KHOJKI LETTER TTHA
11216	𑀖	KHOJKI LETTER DDA
11217	𑀗	KHOJKI LETTER DDHA
11218	𑀘	KHOJKI LETTER NNA
11219	𑀙	KHOJKI LETTER TA
1121A	𑀚	KHOJKI LETTER THA
1121B	𑀛	KHOJKI LETTER DA
1121C	𑀜	KHOJKI LETTER DDDA
1121D	𑀝	KHOJKI LETTER DHA
1121E	𑀞	KHOJKI LETTER NA
1121F	𑀟	KHOJKI LETTER PA
11220	𑀠	KHOJKI LETTER PHA
11221	𑀡	KHOJKI LETTER BA
11222	𑀢	KHOJKI LETTER BBA
11223	𑀣	KHOJKI LETTER BHA
11224	𑀤	KHOJKI LETTER MA
11225	𑀥	KHOJKI LETTER YA
11226	𑀦	KHOJKI LETTER RA
11227	𑀧	KHOJKI LETTER LA
11228	𑀨	KHOJKI LETTER VA
11229	𑀩	KHOJKI LETTER SA
1122A	𑀪	KHOJKI LETTER HA
1122B	𑀫	KHOJKI LETTER LLA

**Dependent vowel signs**

1122C	𑀬	KHOJKI VOWEL SIGN AA
1122D	𑀭	KHOJKI VOWEL SIGN I
1122E	𑀮	KHOJKI VOWEL SIGN II
1122F	𑀯	KHOJKI VOWEL SIGN U
11230	𑀰	KHOJKI VOWEL SIGN E
11231	𑀱	KHOJKI VOWEL SIGN AI
11232	𑀲	KHOJKI VOWEL SIGN O
11233	𑀳	KHOJKI VOWEL SIGN AU

**Various signs**

11234	𑀴	KHOJKI SIGN ANUSVARA
11235	𑀵	KHOJKI SIGN VIRAMA
11236	𑀶	KHOJKI SIGN NUKTA
11237	𑀷	KHOJKI SIGN SHADDA

**Punctuation**

11238	𑀸	KHOJKI DANDA
11239	𑀹	KHOJKI DOUBLE DANDA
1123A	𑀺	KHOJKI WORD SEPARATOR
1123B	𑀻	KHOJKI SECTION MARK
1123C	𑀼	KHOJKI DOUBLE SECTION MARK
1123D	𑀽	KHOJKI ABBREVIATION SIGN

	112B	112C	112D	112E	112F
0	൬ 112B0	མ 112C0	འ 112D0	། 112E0	༐ 112F0
1	൬། 112B1	མཎ 112C1	འཎ 112D1	།ི 112E1	༐ཎ 112F1
2	ཏ 112B2	ཎ 112C2	འ 112D2	།ི 112E2	ཎ 112F2
3	ཏཎ 112B3	ཎཎ 112C3	འཎ 112D3	།ི 112E3	ཎ 112F3
4	ཏ 112B4	ཎ 112C4	འ 112D4	།ི 112E4	ཎ 112F4
5	ཏ 112B5	ཎ 112C5	འ 112D5	།ི 112E5	ཎ 112F5
6	ྐ 112B6	ཎ 112C6	འ 112D6	།ི 112E6	ཎ 112F6
7	ྐ 112B7	ཎ 112C7	འ 112D7	།ི 112E7	ཎ 112F7
8	ྐ 112B8	ཎ 112C8	འ 112D8	།ི 112E8	ཎ 112F8
9	ྐ 112B9	ཎ 112C9	འ 112D9	།ི 112E9	ཎ 112F9
A	ྐ 112BA	ཎ 112CA	འ 112DA	།ི 112EA	
B	ཏ 112BB	ཎ 112CB	འ 112DB		
C	ཏ 112BC	ཎ 112CC	འ 112DC		
D	ཏ 112BD	ཎ 112CD	འ 112DD		
E	ཏ 112BE	ཎ 112CE	འ 112DE		
F	ཏ 112BF	ཎ 112CF	འ 112DF		

**Independent vowels**

112B0	𑌀	KHUDAWADI LETTER A
112B1	𑌁	KHUDAWADI LETTER AA
112B2	𑌂	KHUDAWADI LETTER I
112B3	𑌃	KHUDAWADI LETTER II
112B4	𑌄	KHUDAWADI LETTER U
112B5	𑌅	KHUDAWADI LETTER UU
112B6	𑌆	KHUDAWADI LETTER E
112B7	𑌇	KHUDAWADI LETTER AI
112B8	𑌈	KHUDAWADI LETTER O
112B9	𑌉	KHUDAWADI LETTER AU

**Consonants**

112BA	𑌊	KHUDAWADI LETTER KA
112BB	𑌋	KHUDAWADI LETTER KHA
112BC	𑌌	KHUDAWADI LETTER GA
112BD	𑌍	KHUDAWADI LETTER GGA
112BE	𑌎	KHUDAWADI LETTER GHA
112BF	𑌏	KHUDAWADI LETTER NGA
112C0	𑌐	KHUDAWADI LETTER CA
112C1	𑌑	KHUDAWADI LETTER CHA
112C2	𑌒	KHUDAWADI LETTER JA
112C3	𑌓	KHUDAWADI LETTER JJA
112C4	𑌔	KHUDAWADI LETTER JHA
112C5	𑌕	KHUDAWADI LETTER NYA
112C6	𑌖	KHUDAWADI LETTER TTA
112C7	𑌗	KHUDAWADI LETTER TTHA
112C8	𑌘	KHUDAWADI LETTER DDA
112C9	𑌙	KHUDAWADI LETTER DDDA
112CA	𑌚	KHUDAWADI LETTER RRA
112CB	𑌛	KHUDAWADI LETTER DDHA
112CC	𑌜	KHUDAWADI LETTER NNA
112CD	𑌝	KHUDAWADI LETTER TA
112CE	𑌞	KHUDAWADI LETTER THA
112CF	𑌟	KHUDAWADI LETTER DA
112D0	𑌠	KHUDAWADI LETTER DHA
112D1	𑌡	KHUDAWADI LETTER NA
112D2	𑌢	KHUDAWADI LETTER PA
112D3	𑌣	KHUDAWADI LETTER PHA
112D4	𑌤	KHUDAWADI LETTER BA
112D5	𑌥	KHUDAWADI LETTER BBA
112D6	𑌦	KHUDAWADI LETTER BHA
112D7	𑌧	KHUDAWADI LETTER MA
112D8	𑌨	KHUDAWADI LETTER YA
112D9	𑌩	KHUDAWADI LETTER RA
112DA	𑌪	KHUDAWADI LETTER LA
112DB	𑌫	KHUDAWADI LETTER VA
112DC	𑌬	KHUDAWADI LETTER SHA
112DD	𑌭	KHUDAWADI LETTER SA
112DE	𑌮	KHUDAWADI LETTER HA

**Sign**

112DF	𑌯	KHUDAWADI SIGN ANUSVARA
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**Dependent vowel signs**

112E0	𑌰	KHUDAWADI VOWEL SIGN AA
112E1	𑌱	KHUDAWADI VOWEL SIGN I
112E2	𑌲	KHUDAWADI VOWEL SIGN II
112E3	𑌳	KHUDAWADI VOWEL SIGN U
112E4	𑌴	KHUDAWADI VOWEL SIGN UU
112E5	𑌵	KHUDAWADI VOWEL SIGN E
112E6	𑌶	KHUDAWADI VOWEL SIGN AI
112E7	𑌷	KHUDAWADI VOWEL SIGN O

112E8	𑌸	KHUDAWADI VOWEL SIGN AU
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**Various signs**

112E9	𑌹	KHUDAWADI SIGN NUKTA
112EA	𑌺	KHUDAWADI SIGN VIRAMA

**Digits**

112F0	𑌻	KHUDAWADI DIGIT ZERO
112F1	𑌼	KHUDAWADI DIGIT ONE
112F2	𑌽	KHUDAWADI DIGIT TWO
112F3	𑌾	KHUDAWADI DIGIT THREE
112F4	𑌿	KHUDAWADI DIGIT FOUR
112F5	𑍀	KHUDAWADI DIGIT FIVE
112F6	𑍁	KHUDAWADI DIGIT SIX
112F7	𑍂	KHUDAWADI DIGIT SEVEN
112F8	𑍃	KHUDAWADI DIGIT EIGHT
112F9	𑍄	KHUDAWADI DIGIT NINE

	1148	1149	114A	114B	114C	114D
0	𑄀 11480	𑄁 11490	𑄂 114A0	𑄃 114B0	𑄄 114C0	𑄅 114D0
1	𑄆 11481	𑄇 11491	𑄈 114A1	𑄉 114B1	𑄊 114C1	𑄋 114D1
2	𑄌 11482	𑄍 11492	𑄎 114A2	𑄏 114B2	𑄐 114C2	𑄑 114D2
3	𑄒 11483	𑄓 11493	𑄔 114A3	𑄕 114B3	𑄖 114C3	𑄗 114D3
4	𑄘 11484	𑄙 11494	𑄚 114A4	𑄛 114B4	𑄜 114C4	𑄝 114D4
5	𑄞 11485	𑄟 11495	𑄠 114A5	𑄡 114B5	𑄢 114C5	𑄣 114D5
6	𑄤 11486	𑄥 11496	𑄦 114A6	𑄧 114B6	𑄨 114C6	𑄩 114D6
7	𑄪 11487	𑄫 11497	𑄬 114A7	𑄭 114B7	𑄮 114C7	𑄯 114D7
8	𑄰 11488	𑄱 11498	𑄲 114A8	𑄳 114B8		𑄴 114D8
9	𑄵 11489	𑄶 11499	𑄷 114A9	𑄸 114B9		𑄹 114D9
A	𑄺 1148A	𑄻 1149A	𑄼 114AA	𑄽 114BA		
B	𑄾 1148B	𑄿 1149B	𑅀 114AB	𑅁 114BB		
C	𑅂 1148C	𑅃 1149C	𑅄 114AC	𑅅 114BC		
D	𑅆 1148D	𑅇 1149D	𑅈 114AD	𑅉 114BD		
E	𑅊 1148E	𑅋 1149E	𑅌 114AE	𑅍 114BE		
F	𑅎 1148F	𑅏 1149F	𑅐 114AF	𑅑 114BF		



The Tirhuta script is also known by the names 'Mithilakshara' and 'Maithili'.

**Sign**

11480 ञ TIRHUTA ANJI

**Independent vowels**

11481 अ TIRHUTA LETTER A  
 11482 आ TIRHUTA LETTER AA  
 11483 इ TIRHUTA LETTER I  
 11484 ई TIRHUTA LETTER II  
 11485 उ TIRHUTA LETTER U  
 11486 ऊ TIRHUTA LETTER UU  
 11487 ऋ TIRHUTA LETTER VOCALIC R  
 11488 ॠ TIRHUTA LETTER VOCALIC RR  
 11489 ऌ TIRHUTA LETTER VOCALIC L  
 1148A ॡ TIRHUTA LETTER VOCALIC LL  
 1148B ए TIRHUTA LETTER E  
 1148C ऐ TIRHUTA LETTER AI  
 1148D ओ TIRHUTA LETTER O  
 1148E औ TIRHUTA LETTER AU

**Consonants**

1148F क TIRHUTA LETTER KA  
 11490 ख TIRHUTA LETTER KHA  
 11491 ग TIRHUTA LETTER GA  
 11492 घ TIRHUTA LETTER GHA  
 11493 ङ TIRHUTA LETTER NGA  
 11494 च TIRHUTA LETTER CA  
 11495 छ TIRHUTA LETTER CHA  
 11496 ज TIRHUTA LETTER JA  
 11497 झ TIRHUTA LETTER JHA  
 11498 ञ TIRHUTA LETTER NYA  
 11499 ट TIRHUTA LETTER TTA  
 1149A ठ TIRHUTA LETTER TTHA  
 1149B ड TIRHUTA LETTER DDA  
 1149C ढ TIRHUTA LETTER DDHA  
 1149D ण TIRHUTA LETTER NNA  
 1149E त TIRHUTA LETTER TA  
 1149F थ TIRHUTA LETTER THA  
 114A0 द TIRHUTA LETTER DA  
 114A1 ध TIRHUTA LETTER DHA  
 114A2 न TIRHUTA LETTER NA  
 114A3 प TIRHUTA LETTER PA  
 114A4 फ TIRHUTA LETTER PHA  
 114A5 ब TIRHUTA LETTER BA  
 114A6 भ TIRHUTA LETTER BHA  
 114A7 म TIRHUTA LETTER MA  
 114A8 य TIRHUTA LETTER YA  
 114A9 र TIRHUTA LETTER RA  
 114AA ल TIRHUTA LETTER LA  
 114AB व TIRHUTA LETTER VA  
 114AC श TIRHUTA LETTER SHA  
 114AD ष TIRHUTA LETTER SSA  
 114AE स TIRHUTA LETTER SA  
 114AF ह TIRHUTA LETTER HA

**Dependent vowel signs**

114B0 ॉ TIRHUTA VOWEL SIGN AA  
 114B1 ँ TIRHUTA VOWEL SIGN I  
 114B2 ी TIRHUTA VOWEL SIGN II  
 114B3 ू TIRHUTA VOWEL SIGN U  
 114B4 ्र TIRHUTA VOWEL SIGN UU

114B5 ॠ TIRHUTA VOWEL SIGN VOCALIC R  
 114B6 ॡ TIRHUTA VOWEL SIGN VOCALIC RR  
 114B7 ॢ TIRHUTA VOWEL SIGN VOCALIC L  
 114B8 ॣ TIRHUTA VOWEL SIGN VOCALIC LL  
 114B9 । TIRHUTA VOWEL SIGN E  
 114BA ॥ TIRHUTA VOWEL SIGN SHORT E  
 114BB ० TIRHUTA VOWEL SIGN AI  
 ≡ 114B9 ॥ 114BA ०  
 114BC ० TIRHUTA VOWEL SIGN O  
 ≡ 114B9 ॥ 114BD ०  
 114BD ० TIRHUTA VOWEL SIGN SHORT O  
 114BE ० TIRHUTA VOWEL SIGN AU  
 ≡ 114B9 ॥ 114BD ०

**Various signs**

114BF ० TIRHUTA SIGN CANDRABINDU  
 114C0 ० TIRHUTA SIGN ANUSVARA  
 114C1 ० TIRHUTA SIGN VISARGA  
 114C2 ० TIRHUTA SIGN VIRAMA  
 = halant  
 114C3 ० TIRHUTA SIGN NUKTA  
 114C4 ० TIRHUTA SIGN AVAGRAHA  
 114C5 ० TIRHUTA GVANG  
 = vedic anusvara  
 114C6 ० TIRHUTA ABBREVIATION SIGN  
 114C7 ० TIRHUTA OM

**Digits**

114D0 ० TIRHUTA DIGIT ZERO  
 114D1 १ TIRHUTA DIGIT ONE  
 114D2 २ TIRHUTA DIGIT TWO  
 114D3 ३ TIRHUTA DIGIT THREE  
 114D4 ४ TIRHUTA DIGIT FOUR  
 114D5 ५ TIRHUTA DIGIT FIVE  
 114D6 ६ TIRHUTA DIGIT SIX  
 114D7 ७ TIRHUTA DIGIT SEVEN  
 114D8 ८ TIRHUTA DIGIT EIGHT  
 114D9 ९ TIRHUTA DIGIT NINE

	11AC	11AD	11AE	11AF
0	ᄁ 11AC0	ᄂ 11AD0	ᄃ 11AE0	ᄄ 11AF0
1	ᄅ 11AC1	ᄆ 11AD1	ᄇ 11AE1	ᄈ 11AF1
2	ᄉ 11AC2	ᄊ 11AD2	ᄋ 11AE2	ᄌ 11AF2
3	ᄍ 11AC3	ᄎ 11AD3	ᄏ 11AE3	ᄐ 11AF3
4	ᄑ 11AC4	ᄒ 11AD4	ᄓ 11AE4	ᄔ 11AF4
5	ᄕ 11AC5	ᄌ 11AD5	ᄍ 11AE5	ᄎ 11AF5
6	ᄏ 11AC6	ᄐ 11AD6	ᄑ 11AE6	ᄒ 11AF6
7	ᄓ 11AC7	ᄔ 11AD7	ᄕ 11AE7	ᄌ 11AF7
8	ᄍ 11AC8	ᄎ 11AD8	ᄏ 11AE8	ᄐ 11AF8
9	ᄑ 11AC9	ᄒ 11AD9	ᄓ 11AE9	
A	ᄕ 11ACA	ᄌ 11ADA	ᄍ 11AEA	
B	ᄎ 11ACB	ᄏ 11ADB	ᄐ 11AEB	
C	ᄑ 11ACC	ᄒ 11ADC	ᄓ 11AEC	
D	ᄕ 11ACD	ᄌ 11ADD	ᄍ 11AED	
E	ᄎ 11ACE	ᄏ 11ADE	ᄐ 11AEE	
F	ᄑ 11ACF	ᄒ 11ADF	ᄓ 11AEF	

**Consonants**

11AC0	ᄁ	PAU CIN HAU LETTER PA
11AC1	ᄂ	PAU CIN HAU LETTER KA
11AC2	ᄃ	PAU CIN HAU LETTER LA
11AC3	ᄄ	PAU CIN HAU LETTER MA
11AC4	ᄅ	PAU CIN HAU LETTER DA
11AC5	ᄆ	PAU CIN HAU LETTER ZA
11AC6	ᄇ	PAU CIN HAU LETTER VA
11AC7	ᄈ	PAU CIN HAU LETTER NGA
11AC8	ᄉ	PAU CIN HAU LETTER HA
11AC9	ᄊ	PAU CIN HAU LETTER GA
11ACA	ᄋ	PAU CIN HAU LETTER KHA
11ACB	ᄌ	PAU CIN HAU LETTER SA
11ACC	ᄍ	PAU CIN HAU LETTER BA
11ACD	ᄎ	PAU CIN HAU LETTER CA
11ACE	ᄏ	PAU CIN HAU LETTER TA
11ACF	ᄐ	PAU CIN HAU LETTER THA
11AD0	ᄑ	PAU CIN HAU LETTER NA
11AD1	ᄒ	PAU CIN HAU LETTER PHA
11AD2	ᄓ	PAU CIN HAU LETTER RA
11AD3	ᄔ	PAU CIN HAU LETTER FA
11AD4	ᄕ	PAU CIN HAU LETTER CHA

11AF7 𑜇 PAU CIN HAU LOW-FALLING TONE FINAL

11AF8 𑜈 PAU CIN HAU GLOTTAL STOP FINAL

**Vowels**

11AD5	ᄛ	PAU CIN HAU LETTER A
11AD6	ᄜ	PAU CIN HAU LETTER E
11AD7	ᄝ	PAU CIN HAU LETTER I
11AD8	ᄞ	PAU CIN HAU LETTER O
11AD9	ᄟ	PAU CIN HAU LETTER U
11ADA	ᄠ	PAU CIN HAU LETTER UA
11ADB	ᄡ	PAU CIN HAU LETTER IA

**Final consonants**

11ADC	ᄢ	PAU CIN HAU LETTER FINAL P
11ADD	ᄣ	PAU CIN HAU LETTER FINAL K
11ADE	ᄤ	PAU CIN HAU LETTER FINAL T
11ADF	ᄥ	PAU CIN HAU LETTER FINAL M
11AE0	ᄦ	PAU CIN HAU LETTER FINAL N
11AE1	ᄧ	PAU CIN HAU LETTER FINAL L
11AE2	ᄨ	PAU CIN HAU LETTER FINAL W
11AE3	ᄩ	PAU CIN HAU LETTER FINAL NG
11AE4	ᄪ	PAU CIN HAU LETTER FINAL Y

**Tone marks**

11AE5	ᄫ	PAU CIN HAU RISING TONE LONG
11AE6	ᄬ	PAU CIN HAU RISING TONE
11AE7	ᄭ	PAU CIN HAU SANDHI GLOTTAL STOP
11AE8	ᄮ	PAU CIN HAU RISING TONE LONG FINAL
11AE9	ᄯ	PAU CIN HAU RISING TONE FINAL
11AEA	ᄰ	PAU CIN HAU SANDHI GLOTTAL STOP FINAL
11AEB	ᄱ	PAU CIN HAU SANDHI TONE LONG
11AEC	ᄲ	PAU CIN HAU SANDHI TONE
11AED	ᄳ	PAU CIN HAU SANDHI TONE LONG FINAL
11AEE	ᄴ	PAU CIN HAU SANDHI TONE FINAL
11AEF	ᄵ	PAU CIN HAU MID-LEVEL TONE
11AF0	ᄶ	PAU CIN HAU GLOTTAL STOP VARIANT
11AF1	ᄷ	PAU CIN HAU MID-LEVEL TONE LONG FINAL
11AF2	ᄸ	PAU CIN HAU MID-LEVEL TONE FINAL
11AF3	ᄹ	PAU CIN HAU LOW-FALLING TONE LONG
11AF4	ᄺ	PAU CIN HAU LOW-FALLING TONE
11AF5	ᄻ	PAU CIN HAU GLOTTAL STOP
11AF6	ᄼ	PAU CIN HAU LOW-FALLING TONE LONG FINAL

	16A4	16A5	16A6
0	ၣ် 16A40	ၣ် 16A50	ၣ် 16A60
1	ၣ် 16A41	ၣ် 16A51	ၣ် 16A61
2	ၣ် 16A42	ၣ် 16A52	ၣ် 16A62
3	ၣ် 16A43	ၣ် 16A53	ၣ် 16A63
4	ၣ် 16A44	ၣ် 16A54	ၣ် 16A64
5	ၣ် 16A45	ၣ် 16A55	ၣ် 16A65
6	ၣ် 16A46	ၣ် 16A56	ၣ် 16A66
7	ၣ် 16A47	ၣ် 16A57	ၣ် 16A67
8	ၣ် 16A48	ၣ် 16A58	ၣ် 16A68
9	ၣ် 16A49	ၣ် 16A59	ၣ် 16A69
A	ၣ် 16A4A	ၣ် 16A5A	
B	ၣ် 16A4B	ၣ် 16A5B	
C	ၣ် 16A4C	ၣ် 16A5C	
D	ၣ် 16A4D	ၣ် 16A5D	
E	ၣ် 16A4E	ၣ် 16A5E	ၣ် 16A6E
F	ၣ် 16A4F		ၣ် 16A6F

**Letters**




































16A40	ၣ်	MRO LETTER TA
16A41	ၣ်	MRO LETTER NGI
16A42	ၣ်	MRO LETTER YO
16A43	ၣ်	MRO LETTER MIM
16A44	ၣ်	MRO LETTER BA
16A45	ၣ်	MRO LETTER DA
16A46	ၣ်	MRO LETTER A
16A47	ၣ်	MRO LETTER PHI
16A48	ၣ်	MRO LETTER KHAI
16A49	ၣ်	MRO LETTER HAO
16A4A	ၣ်	MRO LETTER DAI = i
16A4B	ၣ်	MRO LETTER CHU
16A4C	ၣ်	MRO LETTER KEAAE
16A4D	ၣ်	MRO LETTER OL
16A4E	ၣ်	MRO LETTER MAEM
16A4F	ၣ်	MRO LETTER NIN
16A50	ၣ်	MRO LETTER PA
16A51	ၣ်	MRO LETTER OO
16A52	ၣ်	MRO LETTER O
16A53	ၣ်	MRO LETTER RO
16A54	ၣ်	MRO LETTER SHI
16A55	ၣ်	MRO LETTER THEA
16A56	ၣ်	MRO LETTER EA
16A57	ၣ်	MRO LETTER WA
16A58	ၣ်	MRO LETTER E
16A59	ၣ်	MRO LETTER KO
16A5A	ၣ်	MRO LETTER LAN
16A5B	ၣ်	MRO LETTER LA = symbol for 'month'
16A5C	ၣ်	MRO LETTER HAI
16A5D	ၣ်	MRO LETTER RI = o
16A5E	ၣ်	MRO LETTER TEK

**Digits**
























16A60	ၣ်	MRO DIGIT ZERO
16A61	ၣ်	MRO DIGIT ONE
16A62	ၣ်	MRO DIGIT TWO
16A63	ၣ်	MRO DIGIT THREE
16A64	ၣ်	MRO DIGIT FOUR
16A65	ၣ်	MRO DIGIT FIVE
16A66	ၣ်	MRO DIGIT SIX
16A67	ၣ်	MRO DIGIT SEVEN
16A68	ၣ်	MRO DIGIT EIGHT
16A69	ၣ်	MRO DIGIT NINE

**Punctuation**








16A6E	ၣ်	MRO DANDA
16A6F	ၣ်	MRO DOUBLE DANDA

	16AD	16AE	16AF
0	 16AD0	 16AE0	 16AF0
1	 16AD1	 16AE1	 16AF1
2	 16AD2	 16AE2	 16AF2
3	 16AD3	 16AE3	 16AF3
4	 16AD4	 16AE4	 16AF4
5	 16AD5	 16AE5	 16AF5
6	 16AD6	 16AE6	
7	 16AD7	 16AE7	
8	 16AD8	 16AE8	
9	 16AD9	 16AE9	
A	 16ADA	 16AEA	
B	 16ADB		
C	 16ADC	 16AEC	
D	 16ADD	 16AED	
E	 16ADE		
F	 16ADF		






**Consonant letters**

16AD0		BASSA VAH LETTER ENNI
16AD1		BASSA VAH LETTER KA
16AD2		BASSA VAH LETTER SE
16AD3		BASSA VAH LETTER FA
16AD4		BASSA VAH LETTER MBE
16AD5		BASSA VAH LETTER YIE
16AD6		BASSA VAH LETTER GAH
16AD7		BASSA VAH LETTER DHII
16AD8		BASSA VAH LETTER KPAH
16AD9		BASSA VAH LETTER JO
16ADA		BASSA VAH LETTER HWAH
16ADB		BASSA VAH LETTER WA
16ADC		BASSA VAH LETTER ZO
16ADD		BASSA VAH LETTER GBU
16ADE		BASSA VAH LETTER DO
16ADF		BASSA VAH LETTER CE
16AE0		BASSA VAH LETTER UWU
16AE1		BASSA VAH LETTER TO
16AE2		BASSA VAH LETTER BA
16AE3		BASSA VAH LETTER VU
16AE4		BASSA VAH LETTER YEIN
16AE5		BASSA VAH LETTER PA
16AE6		BASSA VAH LETTER WADDA


**Vowel letters**


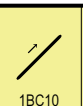
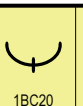
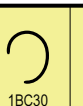
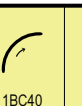

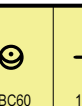
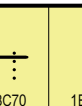
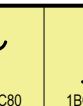
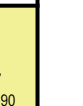
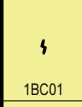
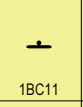
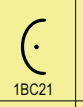
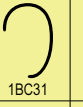
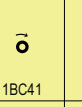
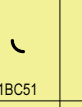
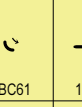
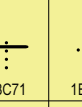

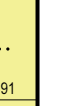
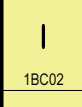
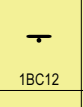
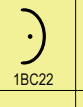
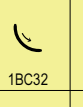
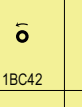
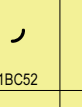
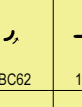
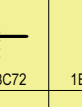
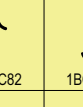
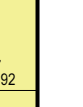
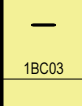
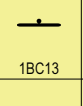
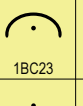
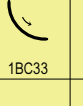
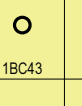
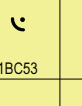
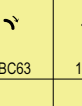
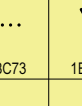
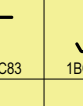
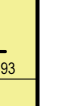
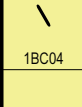
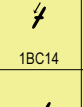
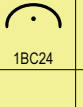
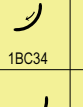
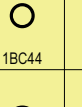
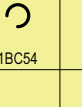
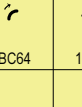
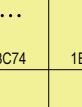
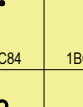
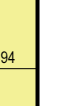
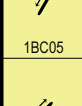
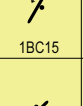
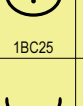
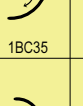
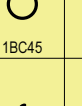
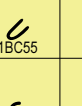
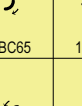
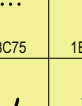
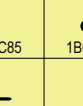
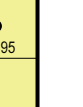
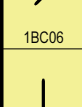
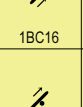
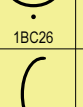
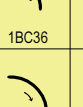
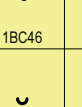
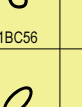
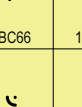
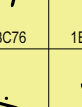
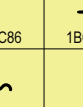
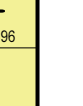
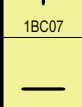
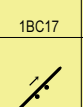
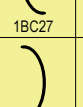
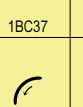
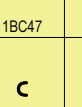
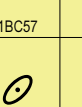
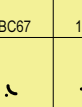
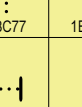
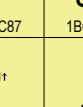
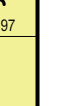
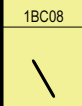
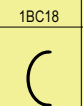
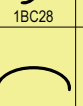
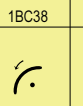
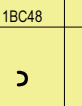
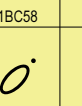
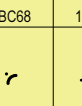
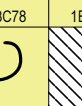
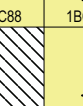
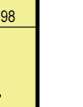
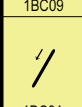
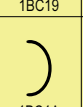
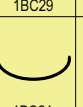
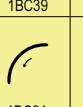
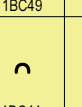
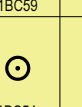
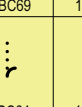
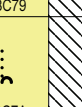



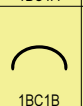
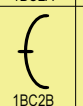
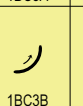




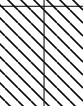





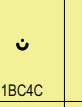


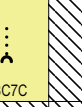


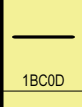
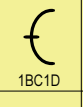
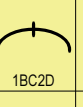
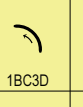
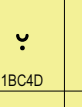
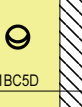



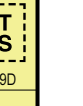
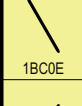
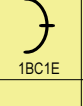
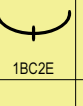
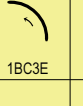
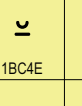
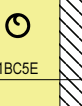


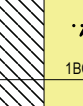
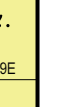









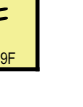








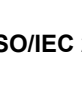

16AE7		BASSA VAH LETTER A
16AE8		BASSA VAH LETTER O
16AE9		BASSA VAH LETTER OO
16AEA		BASSA VAH LETTER U
16AEB		BASSA VAH LETTER EE
16AEC		BASSA VAH LETTER E
16AED		BASSA VAH LETTER I

**Combining tone marks**

16AF0		BASSA VAH COMBINING HIGH TONE
16AF1		BASSA VAH COMBINING LOW TONE
16AF2		BASSA VAH COMBINING MID TONE
16AF3		BASSA VAH COMBINING LOW-MID TONE
16AF4		BASSA VAH COMBINING HIGH-LOW TONE

**Punctuation**

16AF5		BASSA VAH FULL STOP
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	1BC0	1BC1	1BC2	1BC3	1BC4	1BC5	1BC6	1BC7	1BC8	1BC9
0										
1										
2										
3										
4										
5										
6										
7										
8										
9										
A										
B										
C										
D										
E										
F										

**Non-joining consonants**

1BC00	·	DUPLOYAN LETTER H	• Chinook, Pernin, Sloan, Perrault
1BC01	·	DUPLOYAN LETTER X	• Salishan
<b>Line consonants</b>			
1BC02		DUPLOYAN LETTER P	• Chinook number 1
1BC03	-	DUPLOYAN LETTER T	• Chinook number 2
1BC04	\	DUPLOYAN LETTER F	• Chinook number 3
1BC05	/	DUPLOYAN LETTER K	• Chinook number 4 • written down and to the left
1BC06	/	DUPLOYAN LETTER L	• written up and to the right = Pernin letter R
1BC07		DUPLOYAN LETTER B	→ 1BC73 † duployan affix low vertical secant → 1BC74 † duployan affix mid vertical secant → 1BC75 † duployan affix high vertical secant
1BC08	-	DUPLOYAN LETTER D	→ 1BC70 † duployan affix left horizontal secant → 1BC71 † duployan affix mid horizontal secant → 1BC72 † duployan affix right horizontal secant
1BC09	\	DUPLOYAN LETTER V	
1BC0A	/	DUPLOYAN LETTER G	• written down and to the left
1BC0B	/	DUPLOYAN LETTER R	• Chinook number 5 • French number milliards • written up and to the right = Pernin letter L = Pernin Reporters' word repeat sign
1BC0C		DUPLOYAN LETTER P N	= Sloan B B → 1BC02   duployan letter p → 1BC1A ) duployan letter n
1BC0D	-	DUPLOYAN LETTER D S	= Sloan D D → 1BC08 - duployan letter d → 1BC1C ∪ duployan letter s
1BC0E	\	DUPLOYAN LETTER F N	= Sloan V V → 1BC04 \ duployan letter f → 1BC1A ) duployan letter n
1BC0F	/	DUPLOYAN LETTER K M	• written down and to the left = Sloan G G → 1BC05 / duployan letter k → 1BC19 ( duployan letter m
1BC10	/	DUPLOYAN LETTER R S	• written up and to the right = Sloan R R → 1BC0B / duployan letter r → 1BC1C ∪ duployan letter s
1BC11	-	DUPLOYAN LETTER TH	• Chinook, Sloan, Pernin, Perrault
1BC12	-	DUPLOYAN LETTER SLOAN DH	

1BC13	-	DUPLOYAN LETTER DH	• Chinook → 1BC08 - duployan letter d
1BC14	/	DUPLOYAN LETTER KK	• Chinook • written down and to the left
1BC15	/	DUPLOYAN LETTER SLOAN J	• written down and to the left
1BC16	/	DUPLOYAN LETTER HL	• Chinook • written up and to the right
1BC17	/	DUPLOYAN LETTER LH	• Chinook • written up and to the right
1BC18	/	DUPLOYAN LETTER RH	• Chinook • written up and to the right

**Arc consonants**

1BC19	(	DUPLOYAN LETTER M	• Chinook number 6
1BC1A	)	DUPLOYAN LETTER N	• Chinook number 7
1BC1B	∩	DUPLOYAN LETTER J	• Chinook number 8 = Chinook letter sh = Pernin letter sh
1BC1C	∪	DUPLOYAN LETTER S	• Chinook number 9 • French hundreds
1BC1D	(	DUPLOYAN LETTER M N	• Romanian mai mult, not Romanian mult mai shorthand sign → 1BC19 ( duployan letter m → 1BC1A ) duployan letter n
1BC1E	)	DUPLOYAN LETTER N M	• not Romanian nu nu shorthand sign → 1BC19 ( duployan letter m → 1BC1A ) duployan letter n
1BC1F	∩	DUPLOYAN LETTER J M	• not Romanian ceea ce shorthand sign → 1BC1B ∩ duployan letter j → 1BC19 ( duployan letter m
1BC20	∪	DUPLOYAN LETTER S J	• not Romanian sa se shorthand sign → 1BC1B ∩ duployan letter j → 1BC1C ∪ duployan letter s
1BC21	(	DUPLOYAN LETTER M WITH DOT	= Romanian sign mijloc
1BC22	)	DUPLOYAN LETTER N WITH DOT	= Chinook ng = Romanian sign nici
1BC23	∩	DUPLOYAN LETTER J WITH DOT	= Chinook, Romanian ch = Sloan zh = Chinook, Perrault j
1BC24	∩	DUPLOYAN LETTER J WITH DOTS INSIDE AND ABOVE	= Romanian sign ici si colo • used in isolation
1BC25	∪	DUPLOYAN LETTER S WITH DOT	= Chinook ts = Chinook, Romanian, Sloan z

1BC26	∩	DUPLOYAN LETTER S WITH DOT BELOW = Romanian sh
1BC27	(	DUPLOYAN LETTER M S = Sloan shorthand letter m m → 1BC19 ( duployan letter m → 1BC1C ∩ duployan letter s
1BC28	)	DUPLOYAN LETTER N S = Pernin, Sloan, Perrault letter ng → 1BC1A ) duployan letter n → 1BC1C ∩ duployan letter s
1BC29	∩	DUPLOYAN LETTER J S = Romanian stenographic letter ge = Pernin, Perrault letter zh = Sloan letter ch → 1BC1B ∩ duployan letter j → 1BC1C ∩ duployan letter s
1BC2A	∩	DUPLOYAN LETTER S S • French, Sloan = Romanian stenographic letter ts = Pernin, Perrault letter z → 1BC1C ∩ duployan letter s
1BC2B	{	DUPLOYAN LETTER M N S → 1BC19 ( duployan letter m → 1BC1A ) duployan letter n → 1BC1C ∩ duployan letter s
1BC2C	}	DUPLOYAN LETTER N M S → 1BC19 ( duployan letter m → 1BC1A ) duployan letter n → 1BC1C ∩ duployan letter s
1BC2D	∩	DUPLOYAN LETTER J M S → 1BC1B ∩ duployan letter j → 1BC19 ( duployan letter m → 1BC1C ∩ duployan letter s
1BC2E	∩	DUPLOYAN LETTER S J S → 1BC1C ∩ duployan letter s → 1BC1B ∩ duployan letter j
1BC2F	∩	DUPLOYAN LETTER J S WITH DOT = Sloan letter hard ch = Pernin, Perrault letter ch
1BC30	∩	DUPLOYAN LETTER J N → 1BC1B ∩ duployan letter j → 1BC1A ) duployan letter n
1BC31	∩	DUPLOYAN LETTER J N S → 1BC1B ∩ duployan letter j → 1BC1A ) duployan letter n → 1BC1C ∩ duployan letter s

**Quarter-arc consonants**

1BC32	∩	DUPLOYAN LETTER S T • Pernin, Perrault • written downwards = Sloan sm
1BC33	∩	DUPLOYAN LETTER S T R • Pernin, Perrault • written downwards = Sloan sn
1BC34	∩	DUPLOYAN LETTER S P • Pernin, Perrault • written downwards = Sloan kw
1BC35	∩	DUPLOYAN LETTER S P R • Pernin, Perrault • written downwards = Sloan skw

1BC36	∩	DUPLOYAN LETTER T S • written downwards • Perrault = Sloan std
1BC37	∩	DUPLOYAN LETTER T R S • written downwards • Perrault = Sloan sst
1BC38	∩	DUPLOYAN LETTER W • Sloan, Perrault, Pernin • written downwards • takes form of a hook or wave after k and g
1BC39	∩	DUPLOYAN LETTER WH • written downwards
1BC3A	∩	DUPLOYAN LETTER W R • written downwards • Perrault = Sloan sw
1BC3B	∩	DUPLOYAN LETTER S N • written upwards • Perrault = Pernin krs = Sloan SP
1BC3C	∩	DUPLOYAN LETTER S M • written upwards • Perrault = Pernin grs = Sloan sl
1BC3D	∩	DUPLOYAN LETTER K R S • written upwards • Perrault
1BC3E	∩	DUPLOYAN LETTER G R S • written upwards • Perrault
1BC3F	∩	DUPLOYAN LETTER S K • written upwards • Perrault, Pernin = Sloan ts
1BC40	∩	DUPLOYAN LETTER S K R • written upwards • Perrault, Pernin = Sloan ds

**Circle vowels**

1BC41	◦	DUPLOYAN LETTER A • Chinook number tens
1BC42	◦	DUPLOYAN LETTER SLOAN OW • reverse circle vowel
1BC43	◦	DUPLOYAN LETTER OA = Pernin letter aw = Perrault letter aw
1BC44	◦	DUPLOYAN LETTER O • Chinook number 0
1BC45	◦	DUPLOYAN LETTER AOU



**Semi-circle vowels**

1BC46	◁	<b>DUPLOYAN LETTER I</b>	<ul style="list-style-type: none"> <li>• character rotates to match entry angle of preceding consonant</li> <li>• character has primary orientation (right and up)</li> </ul> = Perrault letter long a, short e (with accents) → 1BC48 ◁ duployan letter ie → 1BC49 ▷ duployan letter short i → 1BC4B ∨ duployan letter ee → 1BC4A ∩ duployan letter ui → 1BC7B ∩ duployan affix attached i hook → 1BC7A ∩ duployan affix attached e hook
1BC47	∨	<b>DUPLOYAN LETTER E</b>	<ul style="list-style-type: none"> <li>• character rotates to match entry angle of preceding consonant</li> <li>• character has secondary orientation (left and down)</li> </ul> = Sloan letter long a = Perrault letter short i, long e (with dot accent) → 1BC7A ∩ duployan affix attached e hook
1BC48	◁	<b>DUPLOYAN LETTER IE</b>	<ul style="list-style-type: none"> <li>• Duployan shorthand</li> <li>• used as an invariant vowel and for orienting word abbreviations consisting of only vowels</li> </ul> → 1BC46 ◁ duployan letter i = Pernin letter a
1BC49	▷	<b>DUPLOYAN LETTER SHORT I</b>	<ul style="list-style-type: none"> <li>• Pernin, Duployan shorthand</li> <li>• used as an invariant vowel and for orienting word abbreviations consisting of only vowels</li> </ul> → 1BC46 ◁ duployan letter i = Consolidated Duployan letter r t r
1BC4A	∩	<b>DUPLOYAN LETTER UI</b>	<ul style="list-style-type: none"> <li>• Duployan shorthand</li> <li>• used as an invariant vowel and for orienting word abbreviations consisting of only vowels</li> </ul> → 1BC46 ◁ duployan letter i = Pernin letter e
1BC4B	∨	<b>DUPLOYAN LETTER EE</b>	<ul style="list-style-type: none"> <li>• Pernin, Duployan shorthand</li> <li>• used as an invariant vowel and for orienting word abbreviations consisting of only vowels</li> </ul> → 1BC46 ◁ duployan letter i
1BC4C	◊	<b>DUPLOYAN LETTER SLOAN EH</b>	
1BC4D	∩	<b>DUPLOYAN LETTER ROMANIAN I</b>	<ul style="list-style-type: none"> <li>• character rotates to match entry angle of preceding consonant, with dot maintaining relative position</li> <li>• secondary orienting (left and down)</li> </ul>
1BC4E	∩	<b>DUPLOYAN LETTER SLOAN EE</b>	

**Diagonal-line vowels**

1BC4F	/	<b>DUPLOYAN LETTER LONG I</b>	<ul style="list-style-type: none"> <li>• Pernin</li> <li>• angles like an “f” when adjacent a k-type consonant</li> </ul>
1BC50	∩	<b>DUPLOYAN LETTER YE</b>	

**Quarter-circle vowels**

1BC51	∩	<b>DUPLOYAN LETTER U</b>	<ul style="list-style-type: none"> <li>• character rotates to match entry angle of preceding consonant</li> <li>• character has primary orientation (right and up)</li> </ul> = Romanian stenographic letter en → 1BC38 ∩ duployan letter w → 1BC56 ∩ duployan letter romanian u → 1BC55 ∩ duployan letter long u
1BC52	∩	<b>DUPLOYAN LETTER EU</b>	<ul style="list-style-type: none"> <li>• character rotates to match entry angle of preceding consonant</li> <li>• character has secondary orientation (left and down)</li> <li>• in French usage, may be rendered with a dot contextually</li> </ul> = Romanian stenographic letter an
1BC53	∩	<b>DUPLOYAN LETTER XW</b>	= Perrault uh <ul style="list-style-type: none"> <li>• not French eu</li> </ul>
1BC54	∩	<b>DUPLOYAN LETTER U N</b>	→ 1BC1A ∩ duployan letter n

**Other vowels**

1BC55	∩	<b>DUPLOYAN LETTER LONG U</b>	<ul style="list-style-type: none"> <li>• Pernin, Perrault</li> <li>• this vowel does not rotate to match entry angle of preceding consonant</li> </ul> → 1BC51 ∩ duployan letter u
1BC56	∩	<b>DUPLOYAN LETTER ROMANIAN U</b>	
1BC57	∩	<b>DUPLOYAN LETTER UH</b>	<ul style="list-style-type: none"> <li>• Sloan</li> </ul> → 1BC5B ∩ duployan letter ou
1BC58	∩	<b>DUPLOYAN LETTER SLOAN U</b>	→ 1BC5B ∩ duployan letter ou
1BC59	∩	<b>DUPLOYAN LETTER OOH</b>	<ul style="list-style-type: none"> <li>• Sloan</li> </ul> → 1BC5B ∩ duployan letter ou

**Dotted-circle vowels**

1BC5A	∩	<b>DUPLOYAN LETTER OW</b>	<ul style="list-style-type: none"> <li>• should not be used for Romanian u</li> </ul> ≈ <medial> 1BC56 ∩
1BC5B	∩	<b>DUPLOYAN LETTER OU</b>	<ul style="list-style-type: none"> <li>• should not be used for Perrault ow</li> </ul> ≈ <initial, final> 1BC5A ∩ = Chinook letter oo → 1BC57 ∩ duployan letter uh → 1BC58 ∩ duployan letter sloan u → 1BC59 ∩ duployan letter ooh

**Compound vowels**

1BC5C	∩	<b>DUPLOYAN LETTER WA</b>	<ul style="list-style-type: none"> <li>• Chinook</li> <li>• Not Romanian o+a</li> </ul> = Perrault letter oy • Chinook number hundreds
1BC5D	∩	<b>DUPLOYAN LETTER WO</b>	<ul style="list-style-type: none"> <li>• Chinook</li> </ul>
1BC5E	∩	<b>DUPLOYAN LETTER WI</b>	<ul style="list-style-type: none"> <li>• Chinook</li> </ul>
1BC5F	∩	<b>DUPLOYAN LETTER WEI</b>	<ul style="list-style-type: none"> <li>• Salishan</li> </ul>
1BC60	∩	<b>DUPLOYAN LETTER WOW</b>	<ul style="list-style-type: none"> <li>• Salishan</li> </ul>

**Basic nasal vowels**

1BC61	↖	<b>DUPLOYAN LETTER NASAL U</b> <ul style="list-style-type: none"> <li>• character positions diacritically, as an orienting vowel, or as an invariant vowel</li> <li>• secondary orientation</li> <li>• invariant direction downwards</li> <li>• French number 1</li> <li>= Pernin letter in</li> <li>= Consolidated Duployan affix int-r-</li> </ul>
1BC62	↘	<b>DUPLOYAN LETTER NASAL O</b> <ul style="list-style-type: none"> <li>• character positions diacritically, as an orienting vowel, or as an invariant vowel</li> <li>• neutral nasal vowel for transcription of an ambiguous secondary orienting nasal vowel</li> <li>• secondary orientation</li> <li>• invariant direction upwards</li> <li>= Pernin letter om</li> <li>= Perrault letters an, en, in, un (with accents)</li> <li>= Pernin letter im</li> <li>= Consolidated Duployan affix int-r-</li> </ul>
1BC63	↙	<b>DUPLOYAN LETTER NASAL I</b> <ul style="list-style-type: none"> <li>• character positions diacritically, as an orienting vowel, or as an invariant vowel</li> <li>• primary orientation</li> <li>• invariant direction downwards</li> <li>• Romanian multiplicative number prefix</li> <li>= Pernin letter im</li> <li>= Consolidated Duployan affix int-r-</li> </ul>
1BC64	↗	<b>DUPLOYAN LETTER NASAL A</b> <ul style="list-style-type: none"> <li>• Perrault vocalic n - an, en, in, un (with accents)</li> <li>• character positions diacritically, as an orienting vowel, or as an invariant vowel</li> <li>• neutral nasal vowel for transcription of an ambiguous primary orienting nasal vowel</li> <li>• primary orientation</li> <li>• invariant direction upwards</li> <li>= Pernin letter on</li> <li>= Romanian stenographic letter yn</li> </ul>

**Additional nasal vowels**

1BC65	↘	<b>DUPLOYAN LETTER PERNIN AN</b> <ul style="list-style-type: none"> <li>• written downwards</li> </ul>
1BC66	↗	<b>DUPLOYAN LETTER PERNIN AM</b> <ul style="list-style-type: none"> <li>• written downwards</li> </ul>
1BC67	↖	<b>DUPLOYAN LETTER SLOAN EN</b>
1BC68	↘	<b>DUPLOYAN LETTER SLOAN AN</b>
1BC69	↗	<b>DUPLOYAN LETTER SLOAN ON</b>
1BC6A	↖	<b>DUPLOYAN LETTER VOCALIC M</b> <ul style="list-style-type: none"> <li>• primary orienting vowel</li> <li>= Perrault letters am, em, im, um (with accents)</li> </ul>

**Attached affixes**

1BC70	↔	<b>DUPLOYAN AFFIX LEFT HORIZONTAL SECANT</b> <ul style="list-style-type: none"> <li>= Pernin Reporters' extra-</li> <li>• dots show position on base glyph and are not rendered</li> <li>→ 1BC08 — duployan letter d</li> </ul>
1BC71	↔	<b>DUPLOYAN AFFIX MID HORIZONTAL SECANT</b> <ul style="list-style-type: none"> <li>= Pernin Reporters' inter-</li> <li>• dots show position on base glyph and are not rendered</li> <li>→ 1BC08 — duployan letter d</li> </ul>

1BC72	↔	<b>DUPLOYAN AFFIX RIGHT HORIZONTAL SECANT</b> <ul style="list-style-type: none"> <li>= Pernin Reporters' contra-</li> <li>• dots show position on base glyph and are not rendered</li> <li>→ 1BC08 — duployan letter d</li> </ul>
1BC73	↑	<b>DUPLOYAN AFFIX LOW VERTICAL SECANT</b> <ul style="list-style-type: none"> <li>= Pernin Reporters' sub-</li> <li>• dots show position on base glyph and are not rendered</li> <li>→ 1BC07   duployan letter b</li> </ul>
1BC74	↑	<b>DUPLOYAN AFFIX MID VERTICAL SECANT</b> <ul style="list-style-type: none"> <li>= Pernin Reporters' trans-</li> <li>• dots show position on base glyph and are not rendered</li> <li>→ 1BC07   duployan letter b</li> </ul>
1BC75	↑	<b>DUPLOYAN AFFIX HIGH VERTICAL SECANT</b> <ul style="list-style-type: none"> <li>= Pernin Reporters' super-</li> <li>• dots show position on base glyph and are not rendered</li> <li>→ 1BC07   duployan letter b</li> </ul>
1BC76	↗	<b>DUPLOYAN AFFIX ATTACHED SECANT</b> <ul style="list-style-type: none"> <li>• dots show position on and relative orientation to base glyph and are not rendered</li> <li>• as a prefix, takes opposite relative position to following glyph</li> <li>• generally crosses adjacent character at perpendicular, but has a bias towards SW/NE angle to contrast 1BC77 ↗</li> <li>• default neutral secant affix</li> <li>= French suffix -anse</li> <li>= Pernin prefix pre-</li> <li>= Sloan affix ax-/ext</li> </ul>
1BC77	↗	<b>DUPLOYAN AFFIX ATTACHED LEFT-TO-RIGHT SECANT</b> <ul style="list-style-type: none"> <li>• dots show position on and relative orientation to base glyph and are not rendered</li> <li>• generally crosses adjacent character at perpendicular, but has a bias towards NW/SE angle to contrast 1BC76 ↗</li> <li>• as a suffix, takes opposite relative position to following glyph</li> <li>= Pernin prefix per-</li> </ul>
1BC78	↗	<b>DUPLOYAN AFFIX ATTACHED TANGENT</b> <ul style="list-style-type: none"> <li>• dots show position on and relative orientation to base glyph and are not rendered</li> <li>• as a prefix, takes opposite relative position to following glyph</li> <li>= French suffix -tan</li> <li>= Romanian shorthand letter str-/str</li> </ul>
1BC79	↘	<b>DUPLOYAN AFFIX ATTACHED TAIL</b> <ul style="list-style-type: none"> <li>• orienting character</li> <li>= French suffix -sionaire</li> </ul>
1BC7A	↘	<b>DUPLOYAN AFFIX ATTACHED E HOOK</b> <ul style="list-style-type: none"> <li>• glyph is retrograde and opens up or down, dependent on preceding letter</li> <li>• dots show position of preceding glyph and are not rendered</li> <li>→ 1BC47 ↘ duployan letter e</li> <li>= French suffix -te</li> </ul>

1BC7B	⋮	<b>DUPLOYAN AFFIX ATTACHED I HOOK</b> <ul style="list-style-type: none"> <li>glyph is retrograde and opens left or right, dependent on preceding letter</li> <li>dots show position of preceding glyph and are not rendered</li> </ul> → 1BC46 ◀ duployan letter i = French suffix -tou = Sloan affix irre-/ary
1BC7C	⋮	<b>DUPLOYAN AFFIX ATTACHED TANGENT HOOK</b> <ul style="list-style-type: none"> <li>attached affix</li> <li>dots show position on and relative orientation to base glyph and are not rendered</li> </ul> = Romanian affix ist-/ism = Consolidated Duployan prefix t-r-

**High affixes**

1BC80	↖	<b>DUPLOYAN AFFIX HIGH ACUTE</b> <ul style="list-style-type: none"> <li>= French suffix -ment</li> <li>= Romanian suffix -mant</li> <li>= Pernin sub-</li> <li>= Pernin Reporters' suffix pro-</li> </ul> → 02CA ^ modifier letter acute accent
1BC81	⋮	<b>DUPLOYAN AFFIX HIGH TIGHT ACUTE</b> <ul style="list-style-type: none"> <li>= Pernin Pro-</li> <li>as a suffix, placed above and to the right of the following letter</li> </ul>
1BC82	↘	<b>DUPLOYAN AFFIX HIGH GRAVE</b> <ul style="list-style-type: none"> <li>= French suffix -ien</li> <li>= Pernin suffix con-</li> </ul> → 02CB ` modifier letter grave accent
1BC83	↖	<b>DUPLOYAN AFFIX HIGH LONG GRAVE</b> <ul style="list-style-type: none"> <li>= Pernin contra-</li> </ul>
1BC84	·	<b>DUPLOYAN AFFIX HIGH DOT</b> <ul style="list-style-type: none"> <li>not Romanian hundreds - use U+0307 ◌ combining dot above and U+0308 ◌ combining diaeresis</li> <li>French number thousands</li> <li>= French suffix -eur</li> <li>= Romanian shorthand affix trans-/lui</li> </ul> → 02D9 ` dot above
1BC85	°	<b>DUPLOYAN AFFIX HIGH CIRCLE</b> <ul style="list-style-type: none"> <li>not Romanian number grade or percent suffix</li> <li>French ordinal number</li> <li>= French suffix -euse</li> </ul> → 00B0 ° degree sign → 02DA ° ring above
1BC86	-	<b>DUPLOYAN AFFIX HIGH LINE</b> <ul style="list-style-type: none"> <li>= French suffix -iste</li> <li>= Romanian shorthand affix -tor</li> <li>= Pernin affix dis-</li> </ul> → 02C9 ¯ modifier letter macron
1BC87	˘	<b>DUPLOYAN AFFIX HIGH WAVE</b> <ul style="list-style-type: none"> <li>= French suffix -ificatif</li> </ul> → 02DC ˘ small tilde
1BC88	⋮	<b>DUPLOYAN AFFIX HIGH VERTICAL</b> <ul style="list-style-type: none"> <li>also functions as attached affix vertical up with ZWJ</li> <li>this affix is about half as long as Duployan letter p</li> <li>as a prefix, has falling stroke direction</li> </ul> = Pernin ZWJ + -ime = Sloan tele- → 1BC02 ı duployan letter p

**Low affixes**

1BC90	˘	<b>DUPLOYAN AFFIX LOW ACUTE</b> <ul style="list-style-type: none"> <li>= French suffix -cion</li> <li>= Pernin prefix ex-</li> </ul> → 02CF ˘ modifier letter low acute accent
1BC91	⋮	<b>DUPLOYAN AFFIX LOW TIGHT ACUTE</b> <ul style="list-style-type: none"> <li>= Pernin suf-, sug-</li> <li>as a suffix, placed under and to the right of the following letter</li> </ul>
1BC92	˘	<b>DUPLOYAN AFFIX LOW GRAVE</b> <ul style="list-style-type: none"> <li>= French suffix -ion</li> <li>French number millions</li> </ul> → 02CE ˘ modifier letter low grave accent
1BC93	˘	<b>DUPLOYAN AFFIX LOW LONG GRAVE</b> <ul style="list-style-type: none"> <li>= Pernin extra-</li> </ul>
1BC94	˘	<b>DUPLOYAN AFFIX LOW DOT</b> <ul style="list-style-type: none"> <li>= French suffix -ie</li> <li>French iterative number</li> <li>= Romanian shorthand affix inter-</li> <li>not Romanian millions - see U+0323 ◌ combining dot below and U+0324 ◌ combining diaeresis below</li> </ul>
1BC95	◌	<b>DUPLOYAN AFFIX LOW CIRCLE</b> <ul style="list-style-type: none"> <li>= French suffix -iere</li> <li>French percent</li> </ul> → 02F3 ◌ modifier letter low ring
1BC96	-	<b>DUPLOYAN AFFIX LOW LINE</b> <ul style="list-style-type: none"> <li>= French suffix -isme</li> <li>= Pernin affix mis-</li> </ul> → 02D7 - modifier letter minus sign
1BC97	˘	<b>DUPLOYAN AFFIX LOW WAVE</b> <ul style="list-style-type: none"> <li>= French suffix -ification</li> </ul> → 02F7 ˘ modifier letter low tilde
1BC98	⋮	<b>DUPLOYAN AFFIX LOW VERTICAL</b> <ul style="list-style-type: none"> <li>functions as attached affix vertical down with ZWJ</li> <li>this affix is about half as long as Duployan the letter p</li> <li>as a prefix, has rising stroke direction</li> </ul> = Pernin ZWJ + -ine → 1BC02 ı duployan letter p
1BC99	˘	<b>DUPLOYAN AFFIX LOW ARROW</b> <ul style="list-style-type: none"> <li>= Romanian prefix sub-</li> <li>low affix</li> </ul>

**Chinook sign**

1BC9C	⊕	<b>DUPLOYAN SIGN O WITH CROSS</b> <ul style="list-style-type: none"> <li>Chinook Likalisti</li> </ul>
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**Sloan R-form selector**

1BC9D	Ⓡ	<b>DUPLOYAN THICK LETTER SELECTOR</b> <ul style="list-style-type: none"> <li>commonly abbreviated DTLS</li> <li>Sloan r-flavored letters</li> <li>Shape shown is arbitrary and is not visibly rendered</li> <li>Causes previous Duployan character to be rendered bold</li> </ul>
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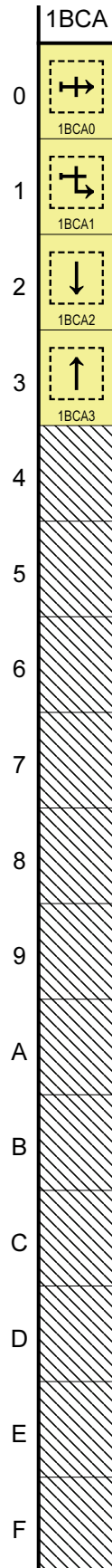
**Shorthand double mark**

## 1BC9E ≠ DUPLOYAN DOUBLE MARK

- Dots show position on and relative orientation to base glyph and are not rendered
- Romanian, Sloan shorthands
- Should be used with m, n, j, and s for the Romanian word signs mai mult, nu nu, ceea ce, and sa se
- Can be doubled and tripled

**Chinook punctuation**

## 1BC9F = DUPLOYAN PUNCTUATION CHINOOK FULL STOP



**Shorthand format controls**

1BCA0		<b>SHORTHAND FORMAT LETTER OVERLAP</b> <ul style="list-style-type: none"> <li>• shape shown is arbitrary and is not visibly rendered</li> </ul>
1BCA1		<b>SHORTHAND FORMAT CONTINUING OVERLAP</b> <ul style="list-style-type: none"> <li>• shape shown is arbitrary and is not visibly rendered</li> </ul>
1BCA2		<b>SHORTHAND FORMAT DOWN STEP</b> = Romanian shorthand affix -tsion- = Sloan contracted ending oo/o + ZWSP <ul style="list-style-type: none"> <li>• shape shown is arbitrary and is not visibly rendered</li> </ul>
1BCA3		<b>SHORTHAND FORMAT UP STEP</b> = Sloan contracted ending uh/au/ai + ZWSP <ul style="list-style-type: none"> <li>• shape shown is arbitrary and is not visibly rendered</li> </ul>

	1F10	1F11	1F12	1F13	1F14	1F15	1F16	1F17	1F18	1F19	1F1A	1F1B	1F1C	1F1D	1F1E	1F1F
0	<b>0.</b> 1F100	<b>(A)</b> 1F110	<b>(Q)</b> 1F120	<b>A</b> 1F130	<b>Q</b> 1F140	<b>Ⓐ</b> 1F150	<b>Ⓚ</b> 1F160	<b>Ⓐ</b> 1F170	<b>Ⓚ</b> 1F180	<b>DJ</b> 1F190						<b>K</b> 1F1F0
1	<b>0,</b> 1F101	<b>(B)</b> 1F111	<b>(R)</b> 1F121	<b>B</b> 1F131	<b>R</b> 1F141	<b>Ⓑ</b> 1F151	<b>Ⓛ</b> 1F161	<b>Ⓑ</b> 1F171	<b>Ⓛ</b> 1F181	<b>CL</b> 1F191						<b>L</b> 1F1F1
2	<b>1,</b> 1F102	<b>(C)</b> 1F112	<b>(S)</b> 1F122	<b>C</b> 1F132	<b>S</b> 1F142	<b>Ⓒ</b> 1F152	<b>Ⓢ</b> 1F162	<b>Ⓒ</b> 1F172	<b>Ⓢ</b> 1F182	<b>COOL</b> 1F192						<b>M</b> 1F1F2
3	<b>2,</b> 1F103	<b>(D)</b> 1F113	<b>(T)</b> 1F123	<b>D</b> 1F133	<b>T</b> 1F143	<b>Ⓓ</b> 1F153	<b>Ⓣ</b> 1F163	<b>Ⓓ</b> 1F173	<b>Ⓣ</b> 1F183	<b>FREE</b> 1F193						<b>N</b> 1F1F3
4	<b>3,</b> 1F104	<b>(E)</b> 1F114	<b>(U)</b> 1F124	<b>E</b> 1F134	<b>U</b> 1F144	<b>Ⓔ</b> 1F154	<b>Ⓤ</b> 1F164	<b>Ⓔ</b> 1F174	<b>Ⓤ</b> 1F184	<b>ID</b> 1F194						<b>O</b> 1F1F4
5	<b>4,</b> 1F105	<b>(F)</b> 1F115	<b>(V)</b> 1F125	<b>F</b> 1F135	<b>V</b> 1F145	<b>Ⓕ</b> 1F155	<b>Ⓥ</b> 1F165	<b>Ⓕ</b> 1F175	<b>Ⓥ</b> 1F185	<b>NEW</b> 1F195						<b>P</b> 1F1F5
6	<b>5,</b> 1F106	<b>(G)</b> 1F116	<b>(W)</b> 1F126	<b>G</b> 1F136	<b>W</b> 1F146	<b>Ⓖ</b> 1F156	<b>Ⓦ</b> 1F166	<b>Ⓖ</b> 1F176	<b>Ⓦ</b> 1F186	<b>NG</b> 1F196					<b>A</b> 1F1E6	<b>Q</b> 1F1F6
7	<b>6,</b> 1F107	<b>(H)</b> 1F117	<b>(X)</b> 1F127	<b>H</b> 1F137	<b>X</b> 1F147	<b>Ⓗ</b> 1F157	<b>Ⓧ</b> 1F167	<b>Ⓗ</b> 1F177	<b>Ⓧ</b> 1F187	<b>OK</b> 1F197					<b>B</b> 1F1E7	<b>R</b> 1F1F7
8	<b>7,</b> 1F108	<b>(I)</b> 1F118	<b>(Y)</b> 1F128	<b>I</b> 1F138	<b>Y</b> 1F148	<b>Ⓘ</b> 1F158	<b>Ⓨ</b> 1F168	<b>Ⓘ</b> 1F178	<b>Ⓨ</b> 1F188	<b>SOS</b> 1F198					<b>C</b> 1F1E8	<b>S</b> 1F1F8
9	<b>8,</b> 1F109	<b>(J)</b> 1F119	<b>(Z)</b> 1F129	<b>J</b> 1F139	<b>Z</b> 1F149	<b>Ⓣ</b> 1F159	<b>Ⓩ</b> 1F169	<b>Ⓣ</b> 1F179	<b>Ⓩ</b> 1F189	<b>UPI!</b> 1F199					<b>D</b> 1F1E9	<b>T</b> 1F1F9
A	<b>9,</b> 1F10A	<b>(K)</b> 1F11A	<b>(S)</b> 1F12A	<b>K</b> 1F13A	<b>HV</b> 1F14A	<b>Ⓚ</b> 1F15A	MC 1F16A	<b>K</b> 1F17A	<b>R</b> 1F18A	<b>VS</b> 1F19A					<b>E</b> 1F1EA	<b>U</b> 1F1FA
B	<b>⓪</b> 1F10B	<b>(L)</b> 1F11B	<b>(C)</b> 1F12B	<b>L</b> 1F13B	<b>MV</b> 1F14B	<b>Ⓛ</b> 1F15B	MD 1F16B	<b>L</b> 1F17B	<b>IC</b> 1F18B						<b>F</b> 1F1EB	<b>V</b> 1F1FB
C	<b>Ⓛ</b> 1F10C	<b>(M)</b> 1F11C	<b>(R)</b> 1F12C	<b>M</b> 1F13C	<b>SD</b> 1F14C	<b>Ⓜ</b> 1F15C		<b>M</b> 1F17C	<b>PA</b> 1F18C						<b>G</b> 1F1EC	<b>W</b> 1F1FC
D		<b>(N)</b> 1F11D	<b>(CD)</b> 1F12D	<b>N</b> 1F13D	<b>SS</b> 1F14D	<b>Ⓝ</b> 1F15D		<b>N</b> 1F17D	<b>SA</b> 1F18D						<b>H</b> 1F1ED	<b>X</b> 1F1FD
E		<b>(O)</b> 1F11E	<b>(Wz)</b> 1F12E	<b>O</b> 1F13E	<b>PPV</b> 1F14E	<b>Ⓞ</b> 1F15E		<b>O</b> 1F17E	<b>AB</b> 1F18E						<b>I</b> 1F1EE	<b>Y</b> 1F1FE
F		<b>(P)</b> 1F11F		<b>P</b> 1F13F	<b>WC</b> 1F14F	<b>Ⓟ</b> 1F15F		<b>P</b> 1F17F	<b>WC</b> 1F18F						<b>J</b> 1F1EF	<b>Z</b> 1F1FF

**Number with full stop**

*This symbol completes the set of numbers with full stop starting at U+2488.*

1F100 **0**. DIGIT ZERO FULL STOP  
≈ 0030 **0** 002E .

**Numbers with comma**

1F101 **0**, DIGIT ZERO COMMA  
≈ 0030 **0** 002C ,  
1F102 **1**, DIGIT ONE COMMA  
≈ 0031 **1** 002C ,  
1F103 **2**, DIGIT TWO COMMA  
≈ 0032 **2** 002C ,  
1F104 **3**, DIGIT THREE COMMA  
≈ 0033 **3** 002C ,  
1F105 **4**, DIGIT FOUR COMMA  
≈ 0034 **4** 002C ,  
1F106 **5**, DIGIT FIVE COMMA  
≈ 0035 **5** 002C ,  
1F107 **6**, DIGIT SIX COMMA  
≈ 0036 **6** 002C ,  
1F108 **7**, DIGIT SEVEN COMMA  
≈ 0037 **7** 002C ,  
1F109 **8**, DIGIT EIGHT COMMA  
≈ 0038 **8** 002C ,  
1F10A **9**, DIGIT NINE COMMA  
≈ 0039 **9** 002C ,

**Circled sans-serif digits**

*These digits complement the sans-serif digit sets in the Dingbat block 2780-2789 and 278A-2793.*

1F10B **⓪** DINGBAT CIRCLED SANS-SERIF DIGIT ZERO  
1F10C **Ⓛ** DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT ZERO

**Parenthesized Latin letters**

*This set provides uppercase versions of the set starting at U+249C.*

1F110 **(A)** PARENTHESIZED LATIN CAPITAL LETTER A  
≈ 0028 ( 0041 **A** 0029 )  
1F111 **(B)** PARENTHESIZED LATIN CAPITAL LETTER B  
≈ 0028 ( 0042 **B** 0029 )  
1F112 **(C)** PARENTHESIZED LATIN CAPITAL LETTER C  
≈ 0028 ( 0043 **C** 0029 )  
1F113 **(D)** PARENTHESIZED LATIN CAPITAL LETTER D  
≈ 0028 ( 0044 **D** 0029 )  
1F114 **(E)** PARENTHESIZED LATIN CAPITAL LETTER E  
≈ 0028 ( 0045 **E** 0029 )  
1F115 **(F)** PARENTHESIZED LATIN CAPITAL LETTER F  
≈ 0028 ( 0046 **F** 0029 )  
1F116 **(G)** PARENTHESIZED LATIN CAPITAL LETTER G  
≈ 0028 ( 0047 **G** 0029 )  
1F117 **(H)** PARENTHESIZED LATIN CAPITAL LETTER H  
≈ 0028 ( 0048 **H** 0029 )  
1F118 **(I)** PARENTHESIZED LATIN CAPITAL LETTER I  
≈ 0028 ( 0049 **I** 0029 )  
1F119 **(J)** PARENTHESIZED LATIN CAPITAL LETTER J  
≈ 0028 ( 004A **J** 0029 )  
1F11A **(K)** PARENTHESIZED LATIN CAPITAL LETTER K  
≈ 0028 ( 004B **K** 0029 )  
1F11B **(L)** PARENTHESIZED LATIN CAPITAL LETTER L  
≈ 0028 ( 004C **L** 0029 )

1F11C **(M)** PARENTHESIZED LATIN CAPITAL LETTER M  
≈ 0028 ( 004D **M** 0029 )  
1F11D **(N)** PARENTHESIZED LATIN CAPITAL LETTER N  
≈ 0028 ( 004E **N** 0029 )  
1F11E **(O)** PARENTHESIZED LATIN CAPITAL LETTER O  
≈ 0028 ( 004F **O** 0029 )  
1F11F **(P)** PARENTHESIZED LATIN CAPITAL LETTER P  
≈ 0028 ( 0050 **P** 0029 )  
1F120 **(Q)** PARENTHESIZED LATIN CAPITAL LETTER Q  
≈ 0028 ( 0051 **Q** 0029 )  
1F121 **(R)** PARENTHESIZED LATIN CAPITAL LETTER R  
≈ 0028 ( 0052 **R** 0029 )  
1F122 **(S)** PARENTHESIZED LATIN CAPITAL LETTER S  
≈ 0028 ( 0053 **S** 0029 )  
1F123 **(T)** PARENTHESIZED LATIN CAPITAL LETTER T  
≈ 0028 ( 0054 **T** 0029 )  
1F124 **(U)** PARENTHESIZED LATIN CAPITAL LETTER U  
≈ 0028 ( 0055 **U** 0029 )  
1F125 **(V)** PARENTHESIZED LATIN CAPITAL LETTER V  
≈ 0028 ( 0056 **V** 0029 )  
1F126 **(W)** PARENTHESIZED LATIN CAPITAL LETTER W  
≈ 0028 ( 0057 **W** 0029 )  
1F127 **(X)** PARENTHESIZED LATIN CAPITAL LETTER X  
≈ 0028 ( 0058 **X** 0029 )  
1F128 **(Y)** PARENTHESIZED LATIN CAPITAL LETTER Y  
≈ 0028 ( 0059 **Y** 0029 )  
1F129 **(Z)** PARENTHESIZED LATIN CAPITAL LETTER Z  
≈ 0028 ( 005A **Z** 0029 )

**Latin letter with tortoise shell brackets**

1F12A **[S]** TORTOISE SHELL BRACKETED LATIN CAPITAL LETTER S  
• used in baseball scoring  
≈ 3014 ( 0053 **S** 3015 )

**Circled italic Latin letters**

1F12B **©** CIRCLED ITALIC LATIN CAPITAL LETTER C  
= compact disc, single disc record  
≈ <circle> 0043 **C**  
1F12C **®** CIRCLED ITALIC LATIN CAPITAL LETTER R  
= disc record  
≈ <circle> 0052 **R**

**Circled Latin letter sequences**

1F12D **Ⓒ** CIRCLED CD  
→ 33C5 cd square cd  
≈ <circle> 0043 **C** 0044 **D**  
1F12E **Ⓜ** CIRCLED WZ  
• from the German term “Warenzeichen”  
• indicate a trademarked term without making a legal claim of trademark status  
→ 2122 <sup>TM</sup> trade mark sign  
≈ <circle> 0057 **W** 005A **Z**

**Squared Latin letters**

1F130 **[A]** SQUARED LATIN CAPITAL LETTER A  
= Anreisetag (day of arrival)  
≈ <square> 0041 **A**  
1F131 **[B]** SQUARED LATIN CAPITAL LETTER B  
= bank  
= b-mode stereo compression broadcasting service (ARIB STD B24)  
≈ <square> 0042 **B**  
1F132 **[C]** SQUARED LATIN CAPITAL LETTER C  
≈ <square> 0043 **C**

1F133 **D** SQUARED LATIN CAPITAL LETTER D  
≈ <square> 0044 **D**

1F134 **E** SQUARED LATIN CAPITAL LETTER E  
≈ <square> 0045 **E**

1F135 **F** SQUARED LATIN CAPITAL LETTER F  
≈ <square> 0046 **F**

1F136 **G** SQUARED LATIN CAPITAL LETTER G  
≈ <square> 0047 **G**

1F137 **H** SQUARED LATIN CAPITAL LETTER H  
≈ <square> 0048 **H**

1F138 **I** SQUARED LATIN CAPITAL LETTER I  
≈ <square> 0049 **I**

1F139 **J** SQUARED LATIN CAPITAL LETTER J  
≈ <square> 004A **J**

1F13A **K** SQUARED LATIN CAPITAL LETTER K  
≈ <square> 004B **K**

1F13B **L** SQUARED LATIN CAPITAL LETTER L  
≈ <square> 004C **L**

1F13C **M** SQUARED LATIN CAPITAL LETTER M  
≈ <square> 004D **M**

1F13D **N** SQUARED LATIN CAPITAL LETTER N  
= news (ARIB STD B24)  
≈ <square> 004E **N**

1F13E **O** SQUARED LATIN CAPITAL LETTER O  
≈ <square> 004F **O**

1F13F **P** SQUARED LATIN CAPITAL LETTER P  
= progressive broadcasting (ARIB STD B24)  
≈ <square> 0050 **P**

1F140 **Q** SQUARED LATIN CAPITAL LETTER Q  
≈ <square> 0051 **Q**

1F141 **R** SQUARED LATIN CAPITAL LETTER R  
≈ <square> 0052 **R**

1F142 **S** SQUARED LATIN CAPITAL LETTER S  
= stereo broadcasting service (ARIB STD B24)  
≈ <square> 0053 **S**

1F143 **T** SQUARED LATIN CAPITAL LETTER T  
= tobacconist  
≈ <square> 0054 **T**

1F144 **U** SQUARED LATIN CAPITAL LETTER U  
≈ <square> 0055 **U**

1F145 **V** SQUARED LATIN CAPITAL LETTER V  
≈ <square> 0056 **V**

1F146 **W** SQUARED LATIN CAPITAL LETTER W  
= wide-format 16:9 broadcasting service (ARIB  
STD B24)  
≈ <square> 0057 **W**

1F147 **X** SQUARED LATIN CAPITAL LETTER X  
≈ <square> 0058 **X**

1F148 **Y** SQUARED LATIN CAPITAL LETTER Y  
≈ <square> 0059 **Y**

1F149 **Z** SQUARED LATIN CAPITAL LETTER Z  
≈ <square> 005A **Z**

1F14A **HV** SQUARED HV  
= hdtv  
≈ <square> 0048 **H** 0056 **V**

1F14B **MV** SQUARED MV  
= multi-view television  
≈ <square> 004D **M** 0056 **V**

1F14C **SD** SQUARED SD  
= sdtv  
≈ <square> 0053 **S** 0044 **D**

1F14D **SS** SQUARED SS  
= surround stereo broadcasting service  
≈ <square> 0053 **S** 0053 **S**

1F14E **PPV** SQUARED PPV  
= pay-per-view  
≈ <square> 0050 **P** 0050 **P** 0056 **V**

1F14F **WC** SQUARED WC  
= water closet, public toilet  
≈ <square> 0057 **W** 0043 **C**

**White on black circled Latin letters**

1F150 **A** NEGATIVE CIRCLED LATIN CAPITAL LETTER A  
= airport

1F151 **B** NEGATIVE CIRCLED LATIN CAPITAL LETTER B

1F152 **C** NEGATIVE CIRCLED LATIN CAPITAL LETTER C

1F153 **D** NEGATIVE CIRCLED LATIN CAPITAL LETTER D

1F154 **E** NEGATIVE CIRCLED LATIN CAPITAL LETTER E


1F155 **F** NEGATIVE CIRCLED LATIN CAPITAL LETTER F  
= ferry


1F156 **G** NEGATIVE CIRCLED LATIN CAPITAL LETTER G


1F157 **H** NEGATIVE CIRCLED LATIN CAPITAL LETTER H  
= hotel (ARIB STD B24)

1F158 **I** NEGATIVE CIRCLED LATIN CAPITAL LETTER I

1F159 **J** NEGATIVE CIRCLED LATIN CAPITAL LETTER J

1F15A **K** NEGATIVE CIRCLED LATIN CAPITAL LETTER K  
= Kurort (spa)  
→ 2668  hot springs

1F15B **L** NEGATIVE CIRCLED LATIN CAPITAL LETTER L  
= light rail  
→ 1F688  light rail

1F15C **M** NEGATIVE CIRCLED LATIN CAPITAL LETTER M  
= metro  
→ 1F687  metro

1F15D **N** NEGATIVE CIRCLED LATIN CAPITAL LETTER N


1F15E **O** NEGATIVE CIRCLED LATIN CAPITAL LETTER O


1F15F **P** NEGATIVE CIRCLED LATIN CAPITAL LETTER P  
= parking space (ARIB STD B24)

1F160 **Q** NEGATIVE CIRCLED LATIN CAPITAL LETTER Q

1F161 **R** NEGATIVE CIRCLED LATIN CAPITAL LETTER R  
= Raststätte (rest stop)

1F162 **S** NEGATIVE CIRCLED LATIN CAPITAL LETTER S  
= Stadtbahn (metropolitan railway)

1F163 **T** NEGATIVE CIRCLED LATIN CAPITAL LETTER T  
= Tankstelle (petrol station)  
→ 26FD  fuel pump

1F164 **U** NEGATIVE CIRCLED LATIN CAPITAL LETTER U  
= underground rail  
→ 1F687  metro

1F165 **V** NEGATIVE CIRCLED LATIN CAPITAL LETTER V

1F166 **W** NEGATIVE CIRCLED LATIN CAPITAL LETTER W

1F167 **X** NEGATIVE CIRCLED LATIN CAPITAL LETTER X

1F168 **Y** NEGATIVE CIRCLED LATIN CAPITAL LETTER Y

1F169 **Z** NEGATIVE CIRCLED LATIN CAPITAL LETTER Z

**Raised squared Latin sequences**


































1F16A <sup>MC</sup> RAISED MC SIGN  
= marque de commerce  
• used in Canada  
→ 2122 <sup>TM</sup> trade mark sign  
≈ <super> 004D **M** 0043 **C**

1F16B <sup>MD</sup> RAISED MD SIGN  
= marque déposée  
• used in Canada  
→ 00AE <sup>®</sup> registered sign  
≈ <super> 004D **M** 0044 **D**














**White on black squared Latin letters**

*The square edges may be slightly rounded.*

1F170		NEGATIVE SQUARED LATIN CAPITAL LETTER A = blood type A
1F171		NEGATIVE SQUARED LATIN CAPITAL LETTER B = blood type B
1F172		NEGATIVE SQUARED LATIN CAPITAL LETTER C = centre, city centre
1F173		NEGATIVE SQUARED LATIN CAPITAL LETTER D
1F174		NEGATIVE SQUARED LATIN CAPITAL LETTER E
1F175		NEGATIVE SQUARED LATIN CAPITAL LETTER F = Feuerwache (fire department)
1F176		NEGATIVE SQUARED LATIN CAPITAL LETTER G
1F177		NEGATIVE SQUARED LATIN CAPITAL LETTER H = Haltestelle (bus stop) → 1F68F  bus stop
1F178		NEGATIVE SQUARED LATIN CAPITAL LETTER I
1F179		NEGATIVE SQUARED LATIN CAPITAL LETTER J = junction (ARIB STD B24)
1F17A		NEGATIVE SQUARED LATIN CAPITAL LETTER K
1F17B		NEGATIVE SQUARED LATIN CAPITAL LETTER L = leisure center (ARIB STD B24)
1F17C		NEGATIVE SQUARED LATIN CAPITAL LETTER M = museum, cultural center (ARIB STD B24)
1F17D		NEGATIVE SQUARED LATIN CAPITAL LETTER N
1F17E		NEGATIVE SQUARED LATIN CAPITAL LETTER O = blood type O
1F17F		NEGATIVE SQUARED LATIN CAPITAL LETTER P = parking space empty-full (ARIB STD B24)
1F180		NEGATIVE SQUARED LATIN CAPITAL LETTER Q
1F181		NEGATIVE SQUARED LATIN CAPITAL LETTER R
1F182		NEGATIVE SQUARED LATIN CAPITAL LETTER S
1F183		NEGATIVE SQUARED LATIN CAPITAL LETTER T
1F184		NEGATIVE SQUARED LATIN CAPITAL LETTER U
1F185		NEGATIVE SQUARED LATIN CAPITAL LETTER V
1F186		NEGATIVE SQUARED LATIN CAPITAL LETTER W
1F187		NEGATIVE SQUARED LATIN CAPITAL LETTER X
1F188		NEGATIVE SQUARED LATIN CAPITAL LETTER Y
1F189		NEGATIVE SQUARED LATIN CAPITAL LETTER Z
1F18A		CROSSED NEGATIVE SQUARED LATIN CAPITAL LETTER P = parking space closed
1F18B		NEGATIVE SQUARED IC = interchange, ramp
1F18C		NEGATIVE SQUARED PA = parking area
1F18D		NEGATIVE SQUARED SA = service area
1F18E		NEGATIVE SQUARED AB = blood type AB
1F18F		NEGATIVE SQUARED WC = water closet, public toilet



























**Squared Latin letter sequences**

1F190		SQUARE DJ = disc jockey ≈ <square> 0044 D 004A J
1F191		SQUARED CL = clear
1F192		SQUARED COOL
1F193		SQUARED FREE = free postage
1F194		SQUARED ID = identification, ID

1F195		SQUARED NEW
1F196		SQUARED NG = no good
1F197		SQUARED OK
1F198		SQUARED SOS = search, hunt for missing person
1F199		SQUARED UP WITH EXCLAMATION MARK = new information, update
1F19A		SQUARED VS = versus

**Regional indicator symbols**

*These characters can be used in pairs to represent regional codes. In some emoji implementations, certain pairs may be recognized and displayed by alternate means; for instance, an implementation might recognize F + R and display this combination with a symbol representing the flag of France.*














1F1E6		REGIONAL INDICATOR SYMBOL LETTER A
1F1E7		REGIONAL INDICATOR SYMBOL LETTER B
1F1E8		REGIONAL INDICATOR SYMBOL LETTER C
1F1E9		REGIONAL INDICATOR SYMBOL LETTER D
1F1EA		REGIONAL INDICATOR SYMBOL LETTER E
1F1EB		REGIONAL INDICATOR SYMBOL LETTER F
1F1EC		REGIONAL INDICATOR SYMBOL LETTER G
1F1ED		REGIONAL INDICATOR SYMBOL LETTER H
1F1EE		REGIONAL INDICATOR SYMBOL LETTER I
1F1EF		REGIONAL INDICATOR SYMBOL LETTER J
1F1F0		REGIONAL INDICATOR SYMBOL LETTER K
1F1F1		REGIONAL INDICATOR SYMBOL LETTER L
1F1F2		REGIONAL INDICATOR SYMBOL LETTER M
1F1F3		REGIONAL INDICATOR SYMBOL LETTER N
1F1F4		REGIONAL INDICATOR SYMBOL LETTER O
1F1F5		REGIONAL INDICATOR SYMBOL LETTER P
1F1F6		REGIONAL INDICATOR SYMBOL LETTER Q
1F1F7		REGIONAL INDICATOR SYMBOL LETTER R
1F1F8		REGIONAL INDICATOR SYMBOL LETTER S
1F1F9		REGIONAL INDICATOR SYMBOL LETTER T
1F1FA		REGIONAL INDICATOR SYMBOL LETTER U
1F1FB		REGIONAL INDICATOR SYMBOL LETTER V
1F1FC		REGIONAL INDICATOR SYMBOL LETTER W
1F1FD		REGIONAL INDICATOR SYMBOL LETTER X
1F1FE		REGIONAL INDICATOR SYMBOL LETTER Y
1F1FF		REGIONAL INDICATOR SYMBOL LETTER Z

	1F30	1F31	1F32	1F33	1F34	1F35	1F36	1F37	1F38	1F39	1F3A	1F3B	1F3C	1F3D	1F3E	1F3F
0	1F300	1F310	1F320	1F330	1F340	1F350	1F360	1F370	1F380	1F390	1F3A0	1F3B0	1F3C0		1F3E0	1F3F0
1	1F301	1F311	1F321	1F331	1F341	1F351	1F361	1F371	1F381	1F391	1F3A1	1F3B1	1F3C1		1F3E1	1F3F1
2	1F302	1F312	1F322	1F332	1F342	1F352	1F362	1F372	1F382	1F392	1F3A2	1F3B2	1F3C2		1F3E2	1F3F2
3	1F303	1F313	1F323	1F333	1F343	1F353	1F363	1F373	1F383	1F393	1F3A3	1F3B3	1F3C3		1F3E3	1F3F3
4	1F304	1F314	1F324	1F334	1F344	1F354	1F364	1F374	1F384	1F394	1F3A4	1F3B4	1F3C4		1F3E4	1F3F4
5	1F305	1F315	1F325	1F335	1F345	1F355	1F365	1F375	1F385	1F395	1F3A5	1F3B5			1F3E5	1F3F5
6	1F306	1F316	1F326	1F336	1F346	1F356	1F366	1F376	1F386		1F3A6	1F3B6	1F3C6		1F3E6	1F3F6
7	1F307	1F317	1F327	1F337	1F347	1F357	1F367	1F377	1F387	1F397	1F3A7	1F3B7	1F3C7		1F3E7	
8	1F308	1F318	1F328	1F338	1F348	1F358	1F368	1F378	1F388		1F3A8	1F3B8	1F3C8		1F3E8	
9	1F309	1F319	1F329	1F339	1F349	1F359	1F369	1F379	1F389		1F3A9	1F3B9	1F3C9		1F3E9	
A	1F30A	1F31A	1F32A	1F33A	1F34A	1F35A	1F36A	1F37A	1F38A		1F3AA	1F3BA	1F3CA		1F3EA	
B	1F30B	1F31B	1F32B	1F33B	1F34B	1F35B	1F36B	1F37B	1F38B		1F3AB	1F3BB			1F3EB	
C	1F30C	1F31C	1F32C	1F33C	1F34C	1F35C	1F36C	1F37C	1F38C	1F39C	1F3AC	1F3BC			1F3EC	
D	1F30D	1F31D		1F33D	1F34D	1F35D	1F36D		1F38D	1F39D	1F3AD	1F3BD			1F3ED	
E	1F30E	1F31E		1F33E	1F34E	1F35E	1F36E		1F38E		1F3AE	1F3BE			1F3EE	
F	1F30F	1F31F		1F33F	1F34F	1F35F	1F36F		1F38F		1F3AF	1F3BF			1F3EF	

	1F40	1F41	1F42	1F43	1F44	1F45	1F46	1F47	1F48	1F49	1F4A	1F4B	1F4C	1F4D	1F4E	1F4F
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**Weather, landscape, and sky symbols**

1F300		CYCLONE = typhoon, hurricane
1F301		FOGGY
1F302		CLOSED UMBRELLA
1F303		NIGHT WITH STARS
1F304		SUNRISE OVER MOUNTAINS
1F305		SUNRISE
1F306		CITYSCAPE AT DUSK
1F307		SUNSET OVER BUILDINGS
1F308		RAINBOW
1F309		BRIDGE AT NIGHT
1F30A		WATER WAVE
1F30B		VOLCANO
1F30C		MILKY WAY





**Globe symbols**









1F30D		EARTH GLOBE EUROPE-AFRICA
1F30E		EARTH GLOBE AMERICAS
1F30F		EARTH GLOBE ASIA-AUSTRALIA
1F310		GLOBE WITH MERIDIANS • used to indicate international input source, world clocks with time zones, etc.

**Moon, sun, and star symbols**






















1F311		NEW MOON SYMBOL → 25CF ● black circle
1F312		WAXING CRESCENT MOON SYMBOL
1F313		FIRST QUARTER MOON SYMBOL = half moon → 25D0 ◐ circle with left half black
1F314		WAXING GIBBOUS MOON SYMBOL = waxing moon
1F315		FULL MOON SYMBOL → 25CB ○ white circle
1F316		WANING GIBBOUS MOON SYMBOL
1F317		LAST QUARTER MOON SYMBOL → 25D1 ◑ circle with right half black
1F318		WANING CRESCENT MOON SYMBOL
1F319		CRESCENT MOON • may indicate either the first or last quarter moon → 263D ☾ first quarter moon → 263E ☽ last quarter moon
1F31A		NEW MOON WITH FACE
1F31B		FIRST QUARTER MOON WITH FACE
1F31C		LAST QUARTER MOON WITH FACE
1F31D		FULL MOON WITH FACE
1F31E		SUN WITH FACE
1F31F		GLOWING STAR
1F320		SHOOTING STAR

**Weather symbols**









1F321		THERMOMETER = temperature, warm
1F322		BLACK DROPLET = droplet → 1F4A7 ⚫ droplet
1F323		WHITE SUN = sunny → 263C ☀ white sun with rays
1F324		WHITE SUN WITH SMALL CLOUD = mostly sunny → 26C5 ☁ sun behind cloud

1F325		WHITE SUN BEHIND CLOUD = mostly cloudy
1F326		WHITE SUN BEHIND CLOUD WITH RAIN = showers
1F327		CLOUD WITH RAIN = rain
1F328		CLOUD WITH SNOW = snow, snow showers
1F329		CLOUD WITH LIGHTNING = lightning, thunderstorm → 26C8 ⚡ thunder cloud and rain
1F32A		CLOUD WITH TORNADO = tornado, twister
1F32B		FOG → 1F301 🌫 foggy
1F32C		WIND BLOWING FACE

**Plant symbols**

1F330		CHESTNUT
1F331		SEEDLING
1F332		EVERGREEN TREE
1F333		DECIDUOUS TREE
1F334		PALM TREE
1F335		CACTUS
1F336		HOT PEPPER = hot
1F337		TULIP → 2698 🌷 flower
1F338		CHERRY BLOSSOM
1F339		ROSE
1F33A		HIBISCUS
1F33B		SUNFLOWER
1F33C		BLOSSOM = daisy
1F33D		EAR OF MAIZE
1F33E		EAR OF RICE
1F33F		HERB
1F340		FOUR LEAF CLOVER → 2618 🍀 shamrock
1F341		MAPLE LEAF
1F342		FALLEN LEAF
1F343		LEAF FLUTTERING IN WIND
1F344		MUSHROOM

**Fruit and vegetable symbols**

1F345		TOMATO
1F346		AUBERGINE = eggplant
1F347		GRAPES
1F348		MELON
1F349		WATERMELON
1F34A		TANGERINE
1F34B		LEMON
1F34C		BANANA
1F34D		PINEAPPLE
1F34E		RED APPLE
1F34F		GREEN APPLE
1F350		PEAR
1F351		PEACH
1F352		CHERRIES
1F353		STRAWBERRY

**Food symbols**

- 1F354 🍔 HAMBURGER  
= fast food place
- 1F355 🍕 SLICE OF PIZZA
- 1F356 🍖 MEAT ON BONE
- 1F357 🍗 POULTRY LEG
- 1F358 🍪 RICE CRACKER
- 1F359 🍡 RICE BALL
- 1F35A 🍙 COOKED RICE  
= bowl of rice
- 1F35B 🍛 CURRY AND RICE  
= Japanese style curry
- 1F35C 🍜 STEAMING BOWL  
= ramen noodles
- 1F35D 🍝 SPAGHETTI
- 1F35E 🍞 BREAD
- 1F35F 🍟 FRENCH FRIES
- 1F360 🍠 ROASTED SWEET POTATO
- 1F361 🍡 DANGO  
= mochi balls on skewer
- 1F362 🍢 ODEN  
= seafood on skewer
- 1F363 🍣 SUSHI
- 1F364 🍤 FRIED SHRIMP
- 1F365 🍣 FISH CAKE WITH SWIRL DESIGN
- 1F366 🍦 SOFT ICE CREAM
- 1F367 🍧 SHAVED ICE
- 1F368 🍦 ICE CREAM
- 1F369 🍪 DOUGHNUT
- 1F36A 🍪 COOKIE  
= biscuit
- 1F36B 🍫 CHOCOLATE BAR
- 1F36C 🍬 CANDY
- 1F36D 🍭 LOLLIPOP
- 1F36E 🍮 CUSTARD
- 1F36F 🍯 HONEY POT
- 1F370 🍰 SHORTCAKE
- 1F371 🍱 BENTO BOX
- 1F372 🍲 POT OF FOOD
- 1F373 🍳 COOKING  
= frying pan, cooking utensil
- 1F374 🍴 FORK AND KNIFE  
= restaurant, meal
- glyph may show a fork and spoon
  - glyph may show a crossed fork and knife
  - glyph may show a fork and knife with a plate

**Beverage symbols**

- 1F375 🍵 TEACUP WITHOUT HANDLE  
→ 2615 ☕ hot beverage  
→ 26FE 🍵 cup on black square
- 1F376 🍶 SAKE BOTTLE AND CUP
- 1F377 🍷 WINE GLASS
- 1F378 🍸 COCKTAIL GLASS
- 1F379 🍹 TROPICAL DRINK
- 1F37A 🍺 BEER MUG
- 1F37B 🍻 CLINKING BEER MUGS  
= cheers
- 1F37C 🍼 BABY BOTTLE

**Celebration symbols**

- 1F380 🎊 RIBBON
- 1F381 📦 WRAPPED PRESENT  
→ 1F4E6 📦 package







- 1F382 🎂 BIRTHDAY CAKE
- 1F383 🎃 JACK-O-LANTERN  
= Hallowe'en
- 1F384 🎄 CHRISTMAS TREE
- 1F385 🎅 FATHER CHRISTMAS  
= Santa Claus
- 1F386 🎆 FIREWORKS
- 1F387 🎇 FIREWORK SPARKLER  
• long, stick-like firework that looks like a burning incense stick
- 1F388 🎈 BALLOON
- 1F389 🎉 PARTY POPPER
- 1F38A 🎊 CONFETTI BALL  
= congratulations
- 1F38B 🎋 TANABATA TREE  
= tanabata tree with wishing papers
- 1F38C 🚩 CROSSED FLAGS  
• Japanese national holiday
- 1F38D 🎍 PINE DECORATION  
• Japanese new year's door decoration
- 1F38E 🎎 JAPANESE DOLLS  
• Japanese Hinamatsuri or girls' doll festival
- 1F38F 🎏 CARP STREAMER
- 1F390 🎐 WIND CHIME
- 1F391 🌕 MOON VIEWING CEREMONY  
• Japanese Otsukimi harvest celebration
- 1F392 🎒 SCHOOL SACHEL  
• Japanese school entrance ceremony
- 1F393 🎓 GRADUATION CAP  
• graduation ceremony
- 1F394 ❤️ HEART WITH TIP ON THE LEFT  
= favorite  
→ 2665 🖤 black heart suit
- 1F395 🌸 BOUQUET OF FLOWERS  
= occasion  
→ 1F490 🌸 bouquet
- 1F396 🚫 <reserved>
- 1F397 🎀 REMINDER RIBBON

**Musical symbols**









- 1F39C 🎵 BEAMED ASCENDING MUSICAL NOTES  
= musical performance  
= music, musical background  
• always ascending, unlike 266C 🎵  
→ 266C 🎵 beamed sixteenth notes
- 1F39D 🎵 BEAMED DESCENDING MUSICAL NOTES  
• always descending, unlike 266C 🎵

**Entertainment symbols**












- 1F3A0 🎠 CAROUSEL HORSE  
= amusement park
- 1F3A1 🎡 FERRIS WHEEL  
= amusement park
- 1F3A2 🎢 ROLLER COASTER
- 1F3A3 🎣 FISHING POLE AND FISH  
= fishing
- 1F3A4 🎤 MICROPHONE  
= karaoke
- 1F3A5 🎥 MOVIE CAMERA  
= film, movies
- 1F3A6 🎬 CINEMA  
= movie theater, movie projector
- 1F3A7 🎧 HEADPHONE  
= music

- 1F3A8  ARTIST PALETTE  
= art
- 1F3A9  TOP HAT  
= drama, performing arts, theater
- 1F3AA  CIRCUS TENT  
= event
- 1F3AB  TICKET  
• indicates an event
- 1F3AC  CLAPPER BOARD
- 1F3AD  PERFORMING ARTS

**Game symbols**
















- 1F3AE  VIDEO GAME  
= video game controller
- 1F3AF  DIRECT HIT  
= archery target, hitting the target  
→ 25CE  bullseye
- 1F3B0  SLOT MACHINE
- 1F3B1  BILLIARDS
- 1F3B2  GAME DIE
- 1F3B3  BOWLING
- 1F3B4  FLOWER PLAYING CARDS  
= flower cards

**Music symbols**

- 1F3B5  MUSICAL NOTE  
= music, being in good mood  
→ 266A  eighth note
- 1F3B6  MULTIPLE MUSICAL NOTES  
= dancing notes, mood, melody  
→ 266B  beamed eighth notes
- 1F3B7  SAXOPHONE
- 1F3B8  GUITAR
- 1F3B9  MUSICAL KEYBOARD
- 1F3BA  TRUMPET
- 1F3BB  VIOLIN
- 1F3BC  MUSICAL SCORE  
→ 1D11E  musical symbol g clef























**Sport symbols**

See other sport symbols in the Miscellaneous Symbols block.







- 1F3BD  RUNNING SHIRT WITH SASH
- 1F3BE  TENNIS RACQUET AND BALL  
= tennis
- 1F3BF  SKI AND SKI BOOT  
= skiing  
→ 26F7  skier
- 1F3C0  BASKETBALL AND HOOP  
= basketball
- 1F3C1  CHEQUERED FLAG  
= motor sports
- 1F3C2  SNOWBOARDER
- 1F3C3  RUNNER  
= running, marathon, track and fields
- 1F3C4  SURFER  
= surfing
- 1F3C5  <reserved>
- 1F3C6  TROPHY
- 1F3C7  HORSE RACING
- 1F3C8  AMERICAN FOOTBALL
- 1F3C9  RUGBY FOOTBALL
- 1F3CA  SWIMMER

**Building and map symbols**

- 1F3E0  HOUSE BUILDING

- 1F3E1  HOUSE WITH GARDEN  
= home, house with yard
- 1F3E2  OFFICE BUILDING
- 1F3E3  JAPANESE POST OFFICE  
→ 3012  postal mark
- 1F3E4  EUROPEAN POST OFFICE
- 1F3E5  HOSPITAL  
→ 26E8  black cross on shield
- 1F3E6  BANK  
→ 1F131  squared latin capital letter b
- 1F3E7  AUTOMATED TELLER MACHINE  
= ATM
- 1F3E8  HOTEL  
→ 1F157  negative circled latin capital letter h
- 1F3E9  LOVE HOTEL
- 1F3EA  CONVENIENCE STORE
- 1F3EB  SCHOOL
- 1F3EC  DEPARTMENT STORE
- 1F3ED  FACTORY  
= industrial production site  
= date of production  
→ 26ED  gear without hub
- 1F3EE  IZAKAYA LANTERN  
= japanese izakaya restaurant
- 1F3EF  JAPANESE CASTLE
- 1F3F0  EUROPEAN CASTLE  
→ 26EB  castle









**Flag symbols**






























- 1F3F1  WHITE PENNANT  
→ 1F6A9  triangular flag on post
- 1F3F2  BLACK PENNANT
- 1F3F3  WAVING WHITE FLAG  
= flag  
→ 2690  white flag
- 1F3F4  WAVING BLACK FLAG





**Plant symbols**

- 1F3F5  ROSETTE  
→ 2740  white florette
- 1F3F6  BLACK ROSETTE  
→ 2741  eight petalled outlined black florette





















**Animal symbols**

- 1F400  RAT  
• first of the signs of the Asian zodiac
- 1F401  MOUSE  
• first of the signs of the Asian zodiac, used in Persia
- 1F402  OX  
• second of the signs of the Asian zodiac
- 1F403  WATER BUFFALO  
• second of the signs of the Asian zodiac, used in Vietnam
- 1F404  COW  
• second of the signs of the Asian zodiac, used in Persia  
= beef (on menus)
- 1F405  TIGER  
• third of the signs of the Asian zodiac
- 1F406  LEOPARD  
• third of the signs of the Asian zodiac, used in Persia
- 1F407  RABBIT  
• fourth of the signs of the Asian zodiac







1F408		CAT • fourth of the signs of the Asian zodiac, used in Vietnam
1F409		DRAGON • fifth of the signs of the Asian zodiac
1F40A		CROCODILE • fifth of the signs of the Asian zodiac, used in Persia
1F40B		WHALE • fifth of the signs of the Asian zodiac, used in Persia
1F40C		SNAIL • fifth of the signs of the Asian zodiac, used in Kazakhstan
1F40D		SNAKE • sixth of the signs of the Asian zodiac
1F40E		HORSE • seventh of the signs of the Asian zodiac
1F40F		RAM • eighth of the signs of the Asian zodiac
1F410		GOAT • eighth of the signs of the Asian zodiac, used in Vietnam
1F411		SHEEP • eighth of the signs of the Asian zodiac, used in Persia
1F412		MONKEY • ninth of the signs of the Asian zodiac
1F413		ROOSTER • tenth of the signs of the Asian zodiac = cock
1F414		CHICKEN • tenth of the signs of the Asian zodiac, used in Persia = hen = poultry (on menus)
1F415		DOG • eleventh of the signs of the Asian zodiac
1F416		PIG • twelfth of the signs of the Asian zodiac = pork (on menus)
1F417		BOAR • twelfth of the signs of the Asian zodiac, used in Japan
1F418		ELEPHANT • twelfth of the signs of the Asian zodiac, used in Thailand
1F419		OCTOPUS
1F41A		SPIRAL SHELL
1F41B		BUG
1F41C		ANT
1F41D		HONEYBEE
1F41E		LADY BEETLE = ladybird, ladybug, coccinellids
1F41F		FISH
1F420		TROPICAL FISH
1F421		BLOWFISH
1F422		TURTLE
1F423		HATCHING CHICK
1F424		BABY CHICK
1F425		FRONT-FACING BABY CHICK
1F426		BIRD
1F427		PENGUIN
1F428		KOALA

1F429		POODLE
1F42A		DROMEDARY CAMEL • has a single hump
1F42B		BACTRIAN CAMEL • has two humps
1F42C		DOLPHIN


















**Animal faces**

1F42D		MOUSE FACE
1F42E		COW FACE
1F42F		TIGER FACE
1F430		RABBIT FACE
1F431		CAT FACE → 1F63A  smiling cat face with open mouth
1F432		DRAGON FACE
1F433		SPOUTING WHALE
1F434		HORSE FACE
1F435		MONKEY FACE
1F436		DOG FACE
1F437		PIG FACE
1F438		FROG FACE
1F439		HAMSTER FACE
1F43A		WOLF FACE
1F43B		BEAR FACE
1F43C		PANDA FACE
1F43D		PIG NOSE
1F43E		PAW PRINTS → 1F463  footprints

**Facial parts symbols**

1F440		EYES
1F441		EYE = sight
1F442		EAR
1F443		NOSE
1F444		MOUTH
1F445		TONGUE

**Hand symbols**

1F446		WHITE UP POINTING BACKHAND INDEX → 261D  white up pointing index
1F447		WHITE DOWN POINTING BACKHAND INDEX → 261F  white down pointing index
1F448		WHITE LEFT POINTING BACKHAND INDEX → 261C  white left pointing index
1F449		WHITE RIGHT POINTING BACKHAND INDEX → 261E  white right pointing index
1F44A		FISTED HAND SIGN = punch → 270A  raised fist
1F44B		WAVING HAND SIGN → 270B  raised hand
1F44C		OK HAND SIGN
1F44D		THUMBS UP SIGN
1F44E		THUMBS DOWN SIGN
1F44F		CLAPPING HANDS SIGN
1F450		OPEN HANDS SIGN

**Clothing and accessories**

1F451		CROWN
1F452		WOMANS HAT
1F453		EYEGASSES
1F454		NECKTIE
1F455		T-SHIRT



1F456		JEANS
1F457		DRESS
1F458		KIMONO
1F459		BIKINI
1F45A		WOMANS CLOTHES
1F45B		PURSE
1F45C		HANDBAG
1F45D		POUCH
1F45E		MANS SHOE
1F45F		ATHLETIC SHOE = runner, sneaker, tennis shoe
1F460		HIGH-HEELED SHOE
1F461		WOMANS SANDAL
1F462		WOMANS BOOTS
1F463		FOOTPRINTS → 1F43E  paw prints
<b>Portrait and role symbols</b>		
1F464		BUST IN SILHOUETTE = guest account
1F465		BUSTS IN SILHOUETTE = accounts
1F466		BOY
1F467		GIRL
1F468		MAN
1F469		WOMAN
1F46A		FAMILY
1F46B		MAN AND WOMAN HOLDING HANDS → 1F6BB  restroom
1F46C		TWO MEN HOLDING HANDS
1F46D		TWO WOMEN HOLDING HANDS
1F46E		POLICE OFFICER
1F46F		WOMAN WITH BUNNY EARS
1F470		BRIDE WITH VEIL
1F471		PERSON WITH BLOND HAIR
1F472		MAN WITH GUA PI MAO
1F473		MAN WITH TURBAN
1F474		OLDER MAN
1F475		OLDER WOMAN
1F476		BABY
1F477		CONSTRUCTION WORKER

**Fairy tale symbols**

1F478		PRINCESS
1F479		JAPANESE OGRE
1F47A		JAPANESE GOBLIN
1F47B		GHOST
1F47C		BABY ANGEL
1F47D		EXTRATERRESTRIAL ALIEN
1F47E		ALIEN MONSTER
1F47F		IMP
1F480		SKULL

**Role symbols**

1F481		INFORMATION DESK PERSON
1F482		GUARDSMAN
1F483		DANCER

**Personal care symbols**

1F484		LIPSTICK
1F485		NAIL POLISH = manicure, nail care
1F486		FACE MASSAGE

1F487		HAIRCUT • usually indicates a beauty parlor
1F488		BARBER POLE

**Medical symbols**

1F489		SYRINGE
1F48A		PILL

**Romance symbols**


1F48B		KISS MARK = lips
1F48C		LOVE LETTER
1F48D		RING = jewelry
1F48E		GEM STONE
1F48F		KISS = two people kissing
1F490		BOUQUET
1F491		COUPLE WITH HEART
1F492		WEDDING = wedding chapel → 26AD  marriage symbol

**Heart symbols**

1F493		BEATING HEART
1F494		BROKEN HEART
1F495		TWO HEARTS
1F496		SPARKLING HEART
1F497		GROWING HEART
1F498		HEART WITH ARROW
1F499		BLUE HEART → 2661  white heart suit → 2665  black heart suit → 2764  heavy black heart
1F49A		GREEN HEART
1F49B		YELLOW HEART
1F49C		PURPLE HEART
1F49D		HEART WITH RIBBON
1F49E		REVOLVING HEARTS
1F49F		HEART DECORATION



**Comic style symbols**


1F4A0		DIAMOND SHAPE WITH A DOT INSIDE = kawaii, cute • meaning of cuteness is based on association of glyph with shape of a flower → 27D0  white diamond with centred dot
1F4A1		ELECTRIC LIGHT BULB = idea
1F4A2		ANGER SYMBOL
1F4A3		BOMB
1F4A4		SLEEPING SYMBOL
1F4A5		COLLISION SYMBOL
1F4A6		SPLASHING SWEAT SYMBOL = plewds
1F4A7		DROPLET • represents a drop of sweat or drop of water
1F4A8		DASH SYMBOL = running dash, briffits
1F4A9		PILE OF POO = dog dirt
1F4AA		FLEXED BICEPS = strong, muscled
1F4AB		DIZZY SYMBOL = circling stars, squeans

1F4AC  SPEECH BALLOON  
= comic book conversation bubble

1F4AD  THOUGHT BALLOON

#### Japanese school grade symbols


1F4AE  WHITE FLOWER  
= brilliant homework  
→ 2740  white florette

1F4AF  HUNDRED POINTS SYMBOL  
= perfect score


#### Money symbols

1F4B0  MONEY BAG  
• glyph may show any currency symbol instead of a dollar sign


1F4B1  CURRENCY EXCHANGE


1F4B2  HEAVY DOLLAR SIGN  
→ 0024 \$ dollar sign


1F4B3  CREDIT CARD

1F4B4  BANKNOTE WITH YEN SIGN

1F4B5  BANKNOTE WITH DOLLAR SIGN

1F4B6  BANKNOTE WITH EURO SIGN


1F4B7  BANKNOTE WITH POUND SIGN

1F4B8  MONEY WITH WINGS

1F4B9  CHART WITH UPWARDS TREND AND YEN SIGN

#### Office symbols


1F4BA  SEAT

1F4BB  PERSONAL COMPUTER

1F4BC  BRIEFCASE

1F4BD  MINIDISC

1F4BE  FLOPPY DISK  
= flexible disk cartridge, floppy disc, floppy, diskette

1F4BF  OPTICAL DISC

1F4C0  DVD  
= digital video/versatile disc


1F4C1  FILE FOLDER

1F4C2  OPEN FILE FOLDER


1F4C3  PAGE WITH CURL


1F4C4  PAGE FACING UP


1F4C5  CALENDAR

1F4C6  TEAR-OFF CALENDAR

1F4C7  CARD INDEX


1F4C8  CHART WITH UPWARDS TREND


1F4C9  CHART WITH DOWNWARDS TREND

1F4CA  BAR CHART

1F4CB  CLIPBOARD


1F4CC  PUSHPIN

1F4CD  ROUND PUSHPIN


1F4CE  PAPERCLIP

1F4CF  STRAIGHT RULER

1F4D0  TRIANGULAR RULER

1F4D1  BOOKMARK TABS

1F4D2  LEDGER


1F4D3  NOTEBOOK

1F4D4  NOTEBOOK WITH DECORATIVE COVER

1F4D5  CLOSED BOOK

1F4D6  OPEN BOOK  
= read operator's manual  
• similar to ISO/IEC 7000-0790 "Read operator's manual"

1F4D7  GREEN BOOK

1F4D8  BLUE BOOK

1F4D9  ORANGE BOOK


1F4DA  BOOKS

1F4DB  NAME BADGE


1F4DC  SCROLL

#### Communication symbols

1F4DD  MEMO

1F4DE  TELEPHONE RECEIVER


1F4DF  PAGER

1F4E0  FAX MACHINE  
→ 213B  facsimile sign



1F4E1  SATELLITE ANTENNA  
= position indicator, news


1F4E2  PUBLIC ADDRESS LOUDSPEAKER



1F4E3  CHEERING MEGAPHONE


1F4E4  OUTBOX TRAY

1F4E5  INBOX TRAY

1F4E6  PACKAGE  
→ 1F381  wrapped present

1F4E7  E-MAIL SYMBOL  
• glyph may show an @-sign instead of an E

1F4E8  INCOMING ENVELOPE  
→ 2709  envelope


1F4E9  ENVELOPE WITH DOWNWARDS ARROW ABOVE  
• sending mail

1F4EA  CLOSED MAILBOX WITH LOWERED FLAG  
= letter box, mail reception  
= empty mailbox


1F4EB  CLOSED MAILBOX WITH RAISED FLAG  
= mailbox containing mail

1F4EC  OPEN MAILBOX WITH RAISED FLAG


1F4ED  OPEN MAILBOX WITH LOWERED FLAG


1F4EE  POSTBOX  
= mailbox for sending mail


1F4EF  POSTAL HORN

1F4F0  NEWSPAPER


1F4F1  MOBILE PHONE

1F4F2  MOBILE PHONE WITH RIGHTWARDS ARROW AT LEFT  
• making a phone call

1F4F3  VIBRATION MODE

1F4F4  MOBILE PHONE OFF

1F4F5  NO MOBILE PHONES


1F4F6  ANTENNA WITH BARS  
= cellular reception

#### Audio and video symbols

1F4F7  CAMERA

1F4F8  <reserved>

1F4F9  VIDEO CAMERA



1F4FA  TELEVISION

1F4FB  RADIO


1F4FC  VIDEOCASSETTE


#### User interface symbols

1F500  TWISTED RIGHTWARDS ARROWS  
= shuffle

1F501  CLOCKWISE RIGHTWARDS AND LEFTWARDS OPEN CIRCLE ARROWS  
= repeat  
→ 267B  black universal recycling symbol

1F502  CLOCKWISE RIGHTWARDS AND LEFTWARDS OPEN CIRCLE ARROWS WITH CIRCLED ONE OVERLAY  
= repeat one item over

1F503  CLOCKWISE DOWNWARDS AND UPWARDS  
OPEN CIRCLE ARROWS  
= reload

1F504  ANTICLOCKWISE DOWNWARDS AND  
UPWARDS OPEN CIRCLE ARROWS  
= reload

1F505  LOW BRIGHTNESS SYMBOL

1F506  HIGH BRIGHTNESS SYMBOL  
→ 2600  black sun with rays  
→ 263C  white sun with rays  
→ 26ED  gear without hub


1F507  SPEAKER WITH CANCELLATION STROKE


1F508  SPEAKER

1F509  SPEAKER WITH ONE SOUND WAVE

1F50A  SPEAKER WITH THREE SOUND WAVES  
= sound


1F50B  BATTERY



1F50C  ELECTRIC PLUG


1F50D  LEFT-POINTING MAGNIFYING GLASS  
= search


1F50E  RIGHT-POINTING MAGNIFYING GLASS  
= get more details




1F50F  LOCK WITH INK PEN  
= privacy


1F510  CLOSED LOCK WITH KEY  
= secure


1F511  KEY  
→ 26BF  squared key

1F512  LOCK  
= padlock in locked position




1F513  OPEN LOCK

1F514  BELL  
→ 0FC4  tibetan symbol dril bu  
→ 2407  symbol for bell

1F515  BELL WITH CANCELLATION STROKE

1F516  BOOKMARK


1F517  LINK SYMBOL

1F518  RADIO BUTTON  
→ 2299  circled dot operator  
→ 25C9  fisheye  
→ 25CE  bullseye

#### Words with arrows

1F519  BACK WITH LEFTWARDS ARROW ABOVE  
→ 2397  previous page

1F51A  END WITH LEFTWARDS ARROW ABOVE



1F51B  ON WITH EXCLAMATION MARK WITH LEFT  
RIGHT ARROW ABOVE

1F51C  SOON WITH RIGHTWARDS ARROW ABOVE

1F51D  TOP WITH UPWARDS ARROW ABOVE  
= top of page


#### Enclosed alphanumeric symbols


1F51E  NO ONE UNDER EIGHTEEN SYMBOL


1F51F  KEYCAP TEN  
→ 20E3  combining enclosing keycap

#### User interface input status symbols

1F520  INPUT SYMBOL FOR LATIN CAPITAL LETTERS

1F521  INPUT SYMBOL FOR LATIN SMALL LETTERS

1F522  INPUT SYMBOL FOR NUMBERS

1F523  INPUT SYMBOL FOR SYMBOLS


1F524  INPUT SYMBOL FOR LATIN LETTERS  
= English input (ABC)


#### Tool symbols

1F525  FIRE

1F526  ELECTRIC TORCH  
= flashlight

1F527  WRENCH


1F528  HAMMER

1F529  NUT AND BOLT

1F52A  HOCHO  
= Japanese kitchen knife


1F52B  PISTOL

1F52C  MICROSCOPE

1F52D  TELESCOPE


1F52E  CRYSTAL BALL


1F52F  SIX POINTED STAR WITH MIDDLE DOT  
→ 2721  star of David





1F530  JAPANESE SYMBOL FOR BEGINNER

1F531  TRIDENT EMBLEM

#### Geometric shapes

1F532  BLACK SQUARE BUTTON



1F533  WHITE SQUARE BUTTON


1F534  LARGE RED CIRCLE  
→ 25CF  black circle  
→ 25EF  large circle  
→ 2B24  black large circle  
→ 2B55  heavy large circle

1F535  LARGE BLUE CIRCLE



1F536  LARGE ORANGE DIAMOND  
→ 25C6  black diamond

1F537  LARGE BLUE DIAMOND



1F538  SMALL ORANGE DIAMOND  
→ 2B29  black small diamond

1F539  SMALL BLUE DIAMOND

#### User interface symbols



1F53A  UP-POINTING RED TRIANGLE  
→ 25B2  black up-pointing triangle



1F53B  DOWN-POINTING RED TRIANGLE  
→ 25BC  black down-pointing triangle

1F53C  UP-POINTING SMALL RED TRIANGLE  
= play arrow up  
→ 25B4  black up-pointing small triangle

1F53D  DOWN-POINTING SMALL RED TRIANGLE  
= play arrow down  
→ 25BE  black down-pointing small triangle

#### Shadowed geometric shapes



1F53E  LOWER RIGHT SHADOWED WHITE CIRCLE  
= circle shadow down  
→ 274D  shadowed white circle


1F53F  UPPER RIGHT SHADOWED WHITE CIRCLE  
→ 274D  shadowed white circle

#### Religious symbols

1F540  CIRCLED CROSS POMMEE  
• Orthodox typikon symbol for great feast service

1F541  CROSS POMMEE WITH HALF-CIRCLE BELOW  
• Orthodox typikon symbol for vigil service

1F542  CROSS POMMEE  
• Orthodox typikon symbol for Polyeleos  
→ 2722  four teardrop-spoked asterisk

1F543  NOTCHED LEFT SEMICIRCLE WITH THREE DOTS  
• Orthodox typikon symbol for lower rank feast

1F544		NOTCHED RIGHT SEMICIRCLE WITH THREE DOTS • Orthodox typikon for lower rank feast
1F545		SYMBOL FOR MARKS CHAPTER • Orthodox typikon for difficult sections
1F546		WHITE LATIN CROSS = cross outline → 271E  shadowed white latin cross
1F547		HEAVY LATIN CROSS
1F548		CELTIC CROSS
1F549		OM SYMBOL • devanagari font type independent → 0950  devanagari om
1F54A		DOVE OF PEACE = peace

**Clock face symbols**

1F550		CLOCK FACE ONE OCLOCK → 231A  watch → 23F0  alarm clock
1F551		CLOCK FACE TWO OCLOCK
1F552		CLOCK FACE THREE OCLOCK
1F553		CLOCK FACE FOUR OCLOCK
1F554		CLOCK FACE FIVE OCLOCK
1F555		CLOCK FACE SIX OCLOCK
1F556		CLOCK FACE SEVEN OCLOCK
1F557		CLOCK FACE EIGHT OCLOCK
1F558		CLOCK FACE NINE OCLOCK
1F559		CLOCK FACE TEN OCLOCK
1F55A		CLOCK FACE ELEVEN OCLOCK
1F55B		CLOCK FACE TWELVE OCLOCK
1F55C		CLOCK FACE ONE-THIRTY
1F55D		CLOCK FACE TWO-THIRTY
1F55E		CLOCK FACE THREE-THIRTY
1F55F		CLOCK FACE FOUR-THIRTY
1F560		CLOCK FACE FIVE-THIRTY
1F561		CLOCK FACE SIX-THIRTY
1F562		CLOCK FACE SEVEN-THIRTY
1F563		CLOCK FACE EIGHT-THIRTY
1F564		CLOCK FACE NINE-THIRTY
1F565		CLOCK FACE TEN-THIRTY
1F566		CLOCK FACE ELEVEN-THIRTY
1F567		CLOCK FACE TWELVE-THIRTY

**Communication symbols**

1F568		RIGHT SPEAKER = sound left
1F569		RIGHT SPEAKER WITH ONE SOUND WAVE
1F56A		RIGHT SPEAKER WITH THREE SOUND WAVES





























**Miscellaneous symbols**

1F56D		RINGING BELL → 1F514  bell
1F56E		BOOK → 1F4D6  open book
1F56F		CANDLE
1F570		<reserved>
1F571		BLACK SKULL AND CROSSBONES = skull and crossbones → 2620  skull and crossbones
1F572		<reserved>
1F573		HOLE = portable hole = w-0212
























1F574		<reserved>
1F575		<reserved>
1F576		<reserved>
1F577		SPIDER
1F578		SPIDER WEB









**Communication symbols**

1F57B		LEFT HAND TELEPHONE RECEIVER = phone → 1F4DE  telephone receiver
1F57C		<reserved>
1F57D		RIGHT HAND TELEPHONE RECEIVER = telephone handset
1F57E		WHITE TOUCHTONE TELEPHONE = telephone → 260F  white telephone
1F57F		BLACK TOUCHTONE TELEPHONE = telephone solid → 260E  black telephone
1F580		<reserved>
1F581		<reserved>
1F582		BACK OF ENVELOPE → 2709  envelope • 2709  shows a seal
1F583		STAMPED ENVELOPE = mail
1F584		ENVELOPE WITH LIGHTNING = e-mail → 1F4E7  e-mail symbol
1F585		FLYING ENVELOPE = send message → 1F4E9  envelope with downwards arrow above
1F586		PEN OVER STAMPED ENVELOPE
1F587		LINKED PAPERCLIPS = links → 1F4CE  paperclip
1F588		<reserved>
1F589		LOWER LEFT PENCIL = pencil → 270E  lower right pencil
1F58A		LOWER LEFT BALLPOINT PEN = ballpoint pen → 270E  lower right pencil
1F58B		LOWER LEFT FOUNTAIN PEN = fountain pen → 2711  white nib
1F58C		LOWER LEFT PAINTBRUSH = brush
1F58D		LOWER LEFT CRAYON = crayon
<b>Hand symbols</b>		
1F58E		LEFT WRITING HAND → 270D  writing hand
1F58F		TURNED OK HAND SIGN → 1F44C  ok hand sign
1F590		RAISED HAND WITH FINGERS SPLOYED = halt → 270B  raised hand
1F591		REVERSED RAISED HAND WITH FINGERS SPLOYED
1F592		REVERSED THUMBS UP SIGN → 1F44D  thumbs up sign




1F593		REVERSED THUMBS DOWN SIGN → 1F44E  thumbs down sign
1F594		<reserved>
1F595		<reserved>
1F596		<reserved>
1F597		WHITE DOWN POINTING LEFT HAND INDEX → 261F  white down pointing index → 1F447  white down pointing backhand index
1F598		SIDEWAYS WHITE LEFT POINTING INDEX → 261C  white left pointing index
1F599		SIDEWAYS WHITE RIGHT POINTING INDEX → 261E  white right pointing index
1F59A		SIDEWAYS BLACK LEFT POINTING INDEX
1F59B		SIDEWAYS BLACK RIGHT POINTING INDEX
1F59C		BLACK LEFT POINTING BACKHAND INDEX → 1F448  white left pointing backhand index
1F59D		BLACK RIGHT POINTING BACKHAND INDEX → 1F449  white right pointing backhand index
1F59E		SIDEWAYS WHITE UP POINTING INDEX → 261D  white up pointing index
1F59F		SIDEWAYS WHITE DOWN POINTING INDEX → 261F  white down pointing index
1F5A0		SIDEWAYS BLACK UP POINTING INDEX
1F5A1		SIDEWAYS BLACK DOWN POINTING INDEX
1F5A2		BLACK UP POINTING BACKHAND INDEX → 1F446  white up pointing backhand index
1F5A3		BLACK DOWN POINTING BACKHAND INDEX → 1F447  white down pointing backhand index

**Computer symbols**






























1F5A5		DESKTOP COMPUTER = tower computer
1F5A6		KEYBOARD AND MOUSE → 2328  keyboard
1F5A7		THREE NETWORKED COMPUTERS = computer network
1F5A8		PRINTER → 1F4E0  fax machine
1F5A9		POCKET CALCULATOR = calculator
1F5AA		BLACK HARD SHELL FLOPPY DISK = disk → 1F4BE  floppy disk
1F5AB		WHITE HARD SHELL FLOPPY DISK → 1F4BE  floppy disk
1F5AC		SOFT SHELL FLOPPY DISK → 1F4BE  floppy disk
1F5AD		TAPE CARTRIDGE
1F5AE		WIRED KEYBOARD = keyboard → 2328  keyboard
1F5AF		ONE BUTTON MOUSE
1F5B0		TWO BUTTON MOUSE
1F5B1		THREE BUTTON MOUSE
1F5B2		TRACKBALL = ballpoint
1F5B3		OLD PERSONAL COMPUTER = personal computer → 1F4BB  personal computer
1F5B4		HARD DISK



1F5B5		SCREEN = monitor → 20E2 
1F5B6		PRINTER ICON → 1F5A8 
1F5B7		FAX ICON → 1F4E0 
1F5B8		OPTICAL DISC ICON = compact disc → 1F4BF 



**Office symbols**


1F5B9		DOCUMENT WITH TEXT
1F5BA		DOCUMENT WITH TEXT AND PICTURE
1F5BB		DOCUMENT WITH PICTURE = graphic document


**User interface symbols**

1F5BF		BLACK FOLDER = folder
1F5C0		FOLDER = directory → 1F4C1 
1F5C1		OPEN FOLDER → 1F4C2 
1F5C2		<reserved>
1F5C3		<reserved>
1F5C4		FILE CABINET
1F5C5		EMPTY NOTE = file1
1F5C6		EMPTY NOTE PAGE = file
1F5C7		EMPTY NOTE PAD = file3
1F5C8		NOTE = file text1
1F5C9		NOTE PAGE = file text
1F5CA		NOTE PAD = file text3
1F5CB		EMPTY DOCUMENT = tall file1
1F5CC		EMPTY PAGE = tall file
1F5CD		EMPTY PAGES = tall file3
1F5CE		DOCUMENT = tall file with text 1 → 1F4C4 
1F5CF		PAGE = tall file with text → 1F4C3 
1F5D0		PAGES = tall file with text 3
1F5D1		WASTEBASKET = trashcan
1F5D2		<reserved>
1F5D3		<reserved>
1F5D4		DESKTOP WINDOW
1F5D5		MINIMIZE
1F5D6		MAXIMIZE
1F5D7		OVERLAP = tile windows


1F5D8  CLOCKWISE RIGHT AND LEFT SEMICIRCLE ARROWS  
 = refresh  
 → 1F503  clockwise downwards and upwards open circle arrows


1F5D9  CANCELLATION X  
 = close  
 → 274C  cross mark



1F5DA  INCREASE FONT SIZE SYMBOL


1F5DB  DECREASE FONT SIZE SYMBOL


#### Ballot symbols


1F5F4  BALLOT SCRIPT X  
 = x mark

1F5F5  BALLOT BOX WITH SCRIPT X  
 = box x mark

1F5F6  BALLOT BOLD SCRIPT X  
 = x mark bold  
 → 2717  ballot x

1F5F7  BALLOT BOX WITH BOLD SCRIPT X  
 = box x mark bold


1F5F8  LIGHT CHECK MARK  
 = check

1F5F9  BALLOT BOX WITH BOLD CHECK  
 = box mark bold

#### Map symbol


1F5FA  WORLD MAP

#### Cultural symbols

1F5FB  MOUNT FUJI

1F5FC  TOKYO TOWER

1F5FD  STATUE OF LIBERTY

1F5FE  SILHOUETTE OF JAPAN

1F5FF  MOYAI

- Japanese stone statue like Moai on Easter Island

	1F60	1F61	1F62	1F63	1F64
0	1F600	1F610	1F620	1F630	1F640
1	1F601	1F611	1F621	1F631	1F641
2	1F602	1F612	1F622	1F632	1F642
3	1F603	1F613	1F623	1F633	1F643
4	1F604	1F614	1F624	1F634	1F644
5	1F605	1F615	1F625	1F635	1F645
6	1F606	1F616	1F626	1F636	1F646
7	1F607	1F617	1F627	1F637	1F647
8	1F608	1F618	1F628	1F638	1F648
9	1F609	1F619	1F629	1F639	1F649
A	1F60A	1F61A	1F62A	1F63A	1F64A
B	1F60B	1F61B	1F62B	1F63B	1F64B
C	1F60C	1F61C	1F62C	1F63C	1F64C
D	1F60D	1F61D	1F62D	1F63D	1F64D
E	1F60E	1F61E	1F62E	1F63E	1F64E
F	1F60F	1F61F	1F62F	1F63F	1F64F

The emoticons have been organized by mouth shape to make it easier to locate the different characters in the code chart.

**Faces**

1F600		GRINNING FACE
1F601		GRINNING FACE WITH SMILING EYES
1F602		FACE WITH TEARS OF JOY
1F603		SMILING FACE WITH OPEN MOUTH → 263A  white smiling face
1F604		SMILING FACE WITH OPEN MOUTH AND SMILING EYES
1F605		SMILING FACE WITH OPEN MOUTH AND COLD SWEAT
1F606		SMILING FACE WITH OPEN MOUTH AND TIGHTLY-CLOSED EYES
1F607		SMILING FACE WITH HALO
1F608		SMILING FACE WITH HORNS
1F609		WINKING FACE
1F60A		SMILING FACE WITH SMILING EYES
1F60B		FACE SAVOURING DELICIOUS FOOD
1F60C		RELIEVED FACE
1F60D		SMILING FACE WITH HEART-SHAPED EYES
1F60E		SMILING FACE WITH SUNGLASSES
1F60F		SMIRKING FACE
1F610		NEUTRAL FACE • used for the West Wind in some Mahjong annotation
1F611		EXPRESSIONLESS FACE
1F612		UNAMUSED FACE
1F613		FACE WITH COLD SWEAT
1F614		PENSIVE FACE
1F615		CONFUSED FACE
1F616		CONFOUNDED FACE
1F617		KISSING FACE
1F618		FACE THROWING A KISS
1F619		KISSING FACE WITH SMILING EYES
1F61A		KISSING FACE WITH CLOSED EYES
1F61B		FACE WITH STUCK-OUT TONGUE
1F61C		FACE WITH STUCK-OUT TONGUE AND WINKING EYE • kidding, not serious
1F61D		FACE WITH STUCK-OUT TONGUE AND TIGHTLY-CLOSED EYES • kidding, not serious
1F61E		DISAPPOINTED FACE → 2639  white frowning face
1F61F		WORRIED FACE
1F620		ANGRY FACE
1F621		POUTING FACE
1F622		CRYING FACE
1F623		PERSEVERING FACE
1F624		FACE WITH LOOK OF TRIUMPH
1F625		DISAPPOINTED BUT RELIEVED FACE
1F626		FROWNING FACE WITH OPEN MOUTH
1F627		ANGUISHED FACE
1F628		FEARFUL FACE
1F629		WEARY FACE
1F62A		SLEEPY FACE
1F62B		TIRED FACE
1F62C		GRIMACING FACE
1F62D		LOUDLY CRYING FACE
1F62E		FACE WITH OPEN MOUTH
1F62F		HUSHED FACE

1F630		FACE WITH OPEN MOUTH AND COLD SWEAT
1F631		FACE SCREAMING IN FEAR
1F632		ASTONISHED FACE
1F633		FLUSHED FACE
1F634		SLEEPING FACE
1F635		DIZZY FACE
1F636		FACE WITHOUT MOUTH • used for the South Wind in some Mahjong annotation → 2687  white circle with two dots
1F637		FACE WITH MEDICAL MASK

**Cat faces**

1F638		GRINNING CAT FACE WITH SMILING EYES
1F639		CAT FACE WITH TEARS OF JOY
1F63A		SMILING CAT FACE WITH OPEN MOUTH
1F63B		SMILING CAT FACE WITH HEART-SHAPED EYES
1F63C		CAT FACE WITH WRY SMILE
1F63D		KISSING CAT FACE WITH CLOSED EYES
1F63E		POUTING CAT FACE
1F63F		CRYING CAT FACE
1F640		WEARY CAT FACE

**Faces**

1F641		SLIGHTLY FROWNING FACE → 2639  white frowning face
1F642		SLIGHTLY SMILING FACE → 263A  white smiling face

**Gesture symbols**









1F645		FACE WITH NO GOOD GESTURE
1F646		FACE WITH OK GESTURE
1F647		PERSON BOWING DEEPLY
1F648		SEE-NO-EVIL MONKEY
1F649		HEAR-NO-EVIL MONKEY
1F64A		SPEAK-NO-EVIL MONKEY
1F64B		HAPPY PERSON RAISING ONE HAND
1F64C		PERSON RAISING BOTH HANDS IN CELEBRATION = banzai!
1F64D		PERSON FROWNING
1F64E		PERSON WITH POUTING FACE
1F64F		PERSON WITH FOLDED HANDS • can indicate sorrow or regret • can indicate pleading











Ornamental Dingbats

	1F65	1F66	1F67
0	 1F650	 1F660	 1F670
1	 1F651	 1F661	 1F671
2	 1F652	 1F662	 1F672
3	 1F653	 1F663	 1F673
4	 1F654	 1F664	 1F674
5	 1F655	 1F665	 1F675
6	 1F656	 1F666	 1F676
7	 1F657	 1F667	 1F677
8	 1F658	 1F668	 1F678
9	 1F659	 1F669	 1F679
A	 1F65A	 1F66A	 1F67A
B	 1F65B	 1F66B	 1F67B
C	 1F65C	 1F66C	 1F67C
D	 1F65D	 1F66D	 1F67D
E	 1F65E	 1F66E	 1F67E
F	 1F65F	 1F66F	 1F67F









**Leaf ornaments**

1F650		NORTH WEST POINTING LEAF
1F651		SOUTH WEST POINTING LEAF
1F652		NORTH EAST POINTING LEAF
1F653		SOUTH EAST POINTING LEAF
1F654		TURNED NORTH WEST POINTING LEAF
1F655		TURNED SOUTH WEST POINTING LEAF
1F656		TURNED NORTH EAST POINTING LEAF
1F657		TURNED SOUTH EAST POINTING LEAF





**Vine leaf ornaments**

1F658		NORTH WEST POINTING VINE LEAF
1F659		SOUTH WEST POINTING VINE LEAF
1F65A		NORTH EAST POINTING VINE LEAF
1F65B		SOUTH EAST POINTING VINE LEAF
1F65C		HEAVY NORTH WEST POINTING VINE LEAF
1F65D		HEAVY SOUTH WEST POINTING VINE LEAF
1F65E		HEAVY NORTH EAST POINTING VINE LEAF
1F65F		HEAVY SOUTH EAST POINTING VINE LEAF






**Pointing bud ornaments**

1F660		NORTH WEST POINTING BUD
1F661		SOUTH WEST POINTING BUD
1F662		NORTH EAST POINTING BUD
1F663		SOUTH EAST POINTING BUD
1F664		HEAVY NORTH WEST POINTING BUD
1F665		HEAVY SOUTH WEST POINTING BUD
1F666		HEAVY NORTH EAST POINTING BUD
1F667		HEAVY SOUTH EAST POINTING BUD







**Quilt square ornaments**

1F668		HOLLOW QUILT SQUARE ORNAMENT
1F669		HOLLOW QUILT SQUARE ORNAMENT IN BLACK SQUARE
1F66A		SOLID QUILT SQUARE ORNAMENT = fourfold knot ornament
1F66B		SOLID QUILT SQUARE ORNAMENT IN BLACK SQUARE = inverse fourfold knot ornament





**Rocket ornaments**


1F66C		LEFTWARDS ROCKET → 1F680  rocket
1F66D		UPWARDS ROCKET
1F66E		RIGHTWARDS ROCKET
1F66F		DOWNWARDS ROCKET

**ET ligature and ampersand ornaments**




1F670		SCRIPT LIGATURE ET ORNAMENT = italic ampersand lower case
1F671		HEAVY SCRIPT LIGATURE ET ORNAMENT
1F672		LIGATURE OPEN ET ORNAMENT
1F673		HEAVY LIGATURE OPEN ET ORNAMENT
1F674		HEAVY AMPERSAND ORNAMENT
1F675		SWASH AMPERSAND ORNAMENT = italic ampersand

**Quotation mark ornaments**



1F676		SANS-SERIF HEAVY DOUBLE TURNED COMMA QUOTATION MARK ORNAMENT → 275D  heavy double turned comma quotation mark ornament
1F677		SANS-SERIF HEAVY DOUBLE COMMA QUOTATION MARK ORNAMENT → 275E  heavy double comma quotation mark ornament

1F678		SANS-SERIF HEAVY LOW DOUBLE COMMA QUOTATION MARK ORNAMENT
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**Interrobang ornaments**













































































1F679		HEAVY INTERROBANG ORNAMENT
1F67A		SANS-SERIF INTERROBANG ORNAMENT
1F67B		HEAVY SANS-SERIF INTERROBANG ORNAMENT

**Heavy solidus ornaments**

1F67C		VERY HEAVY SOLIDUS
1F67D		VERY HEAVY REVERSE SOLIDUS

**Miscellaneous symbols**






















































































1F67E		CHECKER BOARD → 259E  quadrant upper right and lower left
1F67F		REVERSE CHECKER BOARD

	1F68	1F69	1F6A	1F6B	1F6C	1F6D	1F6E	1F6F
0	 1F680	 1F690	 1F6A0	 1F6B0	 1F6C0		 1F6E0	
1	 1F681	 1F691	 1F6A1	 1F6B1	 1F6C1			
2	 1F682	 1F692	 1F6A2	 1F6B2	 1F6C2			
3	 1F683	 1F693	 1F6A3	 1F6B3	 1F6C3			
4	 1F684	 1F694	 1F6A4	 1F6B4	 1F6C4			
5	 1F685	 1F695	 1F6A5	 1F6B5	 1F6C5			
6	 1F686	 1F696	 1F6A6	 1F6B6	 1F6C6			
7	 1F687	 1F697	 1F6A7	 1F6B7	 1F6C7			
8	 1F688	 1F698	 1F6A8	 1F6B8	 1F6C8			
9	 1F689	 1F699	 1F6A9	 1F6B9	 1F6C9			
A	 1F68A	 1F69A	 1F6AA	 1F6BA	 1F6CA			
B	 1F68B	 1F69B	 1F6AB	 1F6BB				
C	 1F68C	 1F69C	 1F6AC	 1F6BC				
D	 1F68D	 1F69D	 1F6AD	 1F6BD				
E	 1F68E	 1F69E	 1F6AE	 1F6BE				
F	 1F68F	 1F69F	 1F6AF	 1F6BF				

**Vehicles**

1F680		ROCKET
1F681		HELICOPTER → 2708  airplane
1F682		STEAM LOCOMOTIVE
1F683		RAILWAY CAR
1F684		HIGH-SPEED TRAIN
1F685		HIGH-SPEED TRAIN WITH BULLET NOSE
1F686		TRAIN = intercity train
1F687		METRO = subway, underground train
1F688		LIGHT RAIL
1F689		STATION = train, subway station
1F68A		TRAM
1F68B		TRAM CAR
1F68C		BUS
1F68D		ONCOMING BUS
1F68E		TROLLEYBUS
1F68F		BUS STOP
1F690		MINIBUS
1F691		AMBULANCE
1F692		FIRE ENGINE
1F693		POLICE CAR
1F694		ONCOMING POLICE CAR
1F695		TAXI
1F696		ONCOMING TAXI
1F697		AUTOMOBILE
1F698		ONCOMING AUTOMOBILE
1F699		RECREATIONAL VEHICLE
1F69A		DELIVERY TRUCK → 26DF  black truck
1F69B		ARTICULATED LORRY
1F69C		TRACTOR
1F69D		MONORAIL
1F69E		MOUNTAIN RAILWAY
1F69F		SUSPENSION RAILWAY
1F6A0		MOUNTAIN CABLEWAY
1F6A1		AERIAL TRAMWAY
1F6A2		SHIP → 26F4  ferry
1F6A3		ROWBOAT → 26F5  sailboat
1F6A4		SPEEDBOAT
<b>Traffic signs</b>		
1F6A5		HORIZONTAL TRAFFIC LIGHT
1F6A6		VERTICAL TRAFFIC LIGHT
1F6A7		CONSTRUCTION SIGN → 26CF  pick
1F6A8		POLICE CARS REVOLVING LIGHT = rotating beacon
<b>Signage and other symbols</b>		
1F6A9		TRIANGULAR FLAG ON POST = location information → 26F3  flag in hole
1F6AA		DOOR
1F6AB		NO ENTRY SIGN → 20E0  combining enclosing circle backslash → 26D4  no entry
1F6AC		SMOKING SYMBOL

1F6AD		NO SMOKING SYMBOL
1F6AE		PUT LITTER IN ITS PLACE SYMBOL
1F6AF		DO NOT LITTER SYMBOL
1F6B0		POTABLE WATER SYMBOL
1F6B1		NON-POTABLE WATER SYMBOL
1F6B2		BICYCLE
1F6B3		NO BICYCLES
1F6B4		BICYCLIST
1F6B5		MOUNTAIN BICYCLIST
1F6B6		PEDESTRIAN = walking
1F6B7		NO PEDESTRIANS
1F6B8		CHILDREN CROSSING
1F6B9		MENS SYMBOL = man symbol = men's restroom
1F6BA		WOMENS SYMBOL = woman symbol = women's restroom
1F6BB		RESTROOM = man and woman symbol with divider = unisex restroom → 1F46B  man and woman holding hands
1F6BC		BABY SYMBOL = baby on board, baby changing station
1F6BD		TOILET
1F6BE		WATER CLOSET
1F6BF		SHOWER
1F6C0		BATH
1F6C1		BATHTUB
1F6C2		PASSPORT CONTROL
1F6C3		CUSTOMS
1F6C4		BAGGAGE CLAIM
1F6C5		LEFT LUGGAGE
1F6C6		TRIANGLE WITH ROUNDED CORNERS = caution → 25B3  white up-pointing triangle
1F6C7		PROHIBITED SIGN → 20E0  combining enclosing circle backslash → 1F6AB  no entry sign
1F6C8		CIRCLED INFORMATION SOURCE = information
<b>Signages and other symbols</b>		
1F6C9		BOYS SYMBOL = boy
1F6CA		GIRLS SYMBOL = girl
<b>Miscellaneous symbols</b>		
1F6E0		HAMMER AND WRENCH = tools, repair facility → 2692  hammer and pick

	1F78	1F79	1F7A	1F7B	1F7C	1F7D	1F7E	1F7F
0	 1F780	 1F790	 1F7A0	 1F7B0	 1F7C0	 1F7D0		
1	 1F781	 1F791	 1F7A1	 1F7B1	 1F7C1	 1F7D1		
2	 1F782	 1F792	 1F7A2	 1F7B2	 1F7C2	 1F7D2		
3	 1F783	 1F793	 1F7A3	 1F7B3	 1F7C3	 1F7D3		
4	 1F784	 1F794	 1F7A4	 1F7B4	 1F7C4	 1F7D4		
5	 1F785	 1F795	 1F7A5	 1F7B5	 1F7C5			
6	 1F786	 1F796	 1F7A6	 1F7B6	 1F7C6			
7	 1F787	 1F797	 1F7A7	 1F7B7	 1F7C7			
8	 1F788	 1F798	 1F7A8	 1F7B8	 1F7C8			
9	 1F789	 1F799	 1F7A9	 1F7B9	 1F7C9			
A	 1F78A	 1F79A	 1F7AA	 1F7BA	 1F7CA			
B	 1F78B	 1F79B	 1F7AB	 1F7BB	 1F7CB			
C	 1F78C	 1F79C	 1F7AC	 1F7BC	 1F7CC			
D	 1F78D	 1F79D	 1F7AD	 1F7BD	 1F7CD			
E	 1F78E	 1F79E	 1F7AE	 1F7BE	 1F7CE			
F	 1F78F	 1F79F	 1F7AF	 1F7BF	 1F7CF			

These geometric shapes originate from the *Webdings/Wingdings* collections.

### Isosceles right triangles

1F780	◀	BLACK LEFT-POINTING ISOSCELES RIGHT TRIANGLE
1F781	▲	BLACK UP-POINTING ISOSCELES RIGHT TRIANGLE
1F782	▶	BLACK RIGHT-POINTING ISOSCELES RIGHT TRIANGLE
1F783	▼	BLACK DOWN-POINTING ISOSCELES RIGHT TRIANGLE

### Black circle

Constitute a set as follows: 22C5, 2219, 1F784, 2022, 2981, 26AB, and 25CF

1F784	•	BLACK SLIGHTLY SMALL CIRCLE = black circle 3
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### White circles

Adjective refers to the thickness of the ring.

Constitute a set as follows: 25CB, 2B58, 1F785..1F789.

1F785	○	MEDIUM BOLD WHITE CIRCLE = ring 3 → 26AA ○ medium white circle
1F786	⦿	BOLD WHITE CIRCLE = ring 4 = very heavy circle
1F787	⦿	HEAVY WHITE CIRCLE = ring 5
1F788	⦿	VERY HEAVY WHITE CIRCLE = ring 6
1F789	⦿	EXTREMELY HEAVY WHITE CIRCLE = ring 7

### White circle containing another black circle

Constitute a set as follows: 2299, 1F78A, and 29BF

1F78A	⊙	WHITE CIRCLE CONTAINING BLACK SMALL CIRCLE = ring button 2
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### Target symbol

1F78B	◎	ROUND TARGET → 25CE ◎ bullseye → 29BE ◎ circled white bullet → 2B57 ◎ heavy circle with circle inside
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### Black squares

Constitute a set as follows: 1F78C, 2B1D, 1F78D, 25AA, 25FE, 25FC, and 2612

1F78C	•	BLACK TINY SQUARE = black square 1
1F78D	▪	BLACK SLIGHTLY SMALL SQUARE = black square 3

### White squares

Constitute a set as follows: 25A1, 1F78D..1F792

1F78E	□	LIGHT WHITE SQUARE = box 2
1F78F	□	MEDIUM WHITE SQUARE = box 3
1F790	■	BOLD WHITE SQUARE = box 4 = heavy white square
1F791	■	HEAVY WHITE SQUARE = box 5

1F792	■	VERY HEAVY WHITE SQUARE = box 6
1F793	■	EXTREMELY HEAVY WHITE SQUARE = box 7

### White squares containing another black square

Constitute a set as follows: 1F794, 25A3, and 1F795

1F794	▣	WHITE SQUARE CONTAINING BLACK VERY SMALL SQUARE = box button 1
1F795	▣	WHITE SQUARE CONTAINING BLACK MEDIUM SQUARE = box button 3

### Target symbol

1F796	▣	SQUARE TARGET
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### Black diamonds

Constitute a set as follows: 1F797, 1F798, 2B29, 1F799, 2B25, and 25C6

1F797	•	BLACK TINY DIAMOND = black diamond 1
1F798	•	BLACK VERY SMALL DIAMOND = black diamond 2
1F799	◆	BLACK MEDIUM SMALL DIAMOND = black diamond 4

### White diamonds containing another black diamond

Constitute a set as follows: 1F798, 25C8, and 1F799

1F79A	◊	WHITE DIAMOND CONTAINING BLACK VERY SMALL DIAMOND = diamond button 1
1F79B	◊	WHITE DIAMOND CONTAINING BLACK MEDIUM DIAMOND = diamond button 3

### Target symbol

1F79C	◊	DIAMOND TARGET
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### Lozenges

Constitute a set as follows: 1F79D, 1F79E, 2B2A, 1F79F, 2B27, 29EB, and 25CA


1F79D	•	BLACK TINY LOZENGE = black lozenge 1
1F79E	•	BLACK VERY SMALL LOZENGE = black lozenge 2
1F79F	◆	BLACK MEDIUM SMALL LOZENGE = black lozenge 4

### White lozenge containing another black lozenge


1F7A0	◊	WHITE LOZENGE CONTAINING BLACK SMALL LOZENGE = lozenge button
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### Greek crosses


1F7A1	+	THIN GREEK CROSS = cross 1
1F7A2	+	LIGHT GREEK CROSS = cross 2
1F7A3	+	MEDIUM GREEK CROSS = cross 3
1F7A4	+	BOLD GREEK CROSS = cross 4
1F7A5	+	VERY BOLD GREEK CROSS = cross 5
1F7A6	+	VERY HEAVY GREEK CROSS = cross 6


1F7A7  EXTREMELY HEAVY GREEK CROSS  
= cross 7


**Saltires**


1F7A8  THIN SALTIRE  
= x 1


1F7A9  LIGHT SALTIRE  
= x 2

1F7AA  MEDIUM SALTIRE  
= x 3


1F7AB  BOLD SALTIRE  
= x 4

1F7AC  HEAVY SALTIRE  
= x 5


1F7AD  VERY HEAVY SALTIRE  
= x 6


1F7AE  EXTREMELY HEAVY SALTIRE  
= x 7


**Five spoked asterisks**


1F7AF  LIGHT FIVE SPOKED ASTERISK

1F7B0  MEDIUM FIVE SPOKED ASTERISK


1F7B1  BOLD FIVE SPOKED ASTERISK


1F7B2  HEAVY FIVE SPOKED ASTERISK


1F7B3  VERY HEAVY FIVE SPOKED ASTERISK


1F7B4  EXTREMELY HEAVY FIVE SPOKED ASTERISK

**Six spoked asterisks**


1F7B5  LIGHT SIX SPOKED ASTERISK

1F7B6  MEDIUM SIX SPOKED ASTERISK


1F7B7  BOLD SIX SPOKED ASTERISK

1F7B8  HEAVY SIX SPOKED ASTERISK

1F7B9  VERY HEAVY SIX SPOKED ASTERISK

1F7BA  EXTREMELY HEAVY SIX SPOKED ASTERISK


**Eight spoked asterisks**

1F7BB  LIGHT EIGHT SPOKED ASTERISK


1F7BC  MEDIUM EIGHT SPOKED ASTERISK


1F7BD  BOLD EIGHT SPOKED ASTERISK


1F7BE  HEAVY EIGHT SPOKED ASTERISK


1F7BF  VERY HEAVY EIGHT SPOKED ASTERISK

**Three pointed stars**


1F7C0  LIGHT THREE POINTED BLACK STAR


1F7C1  MEDIUM THREE POINTED BLACK STAR


1F7C2  THREE POINTED BLACK STAR


1F7C3  MEDIUM THREE POINTED PINWHEEL STAR


**Four pointed stars**

1F7C4  LIGHT FOUR POINTED BLACK STAR

1F7C5  MEDIUM FOUR POINTED BLACK STAR


1F7C6  FOUR POINTED BLACK STAR  
• 2726  black four pointed star is a cusp  
→ 2726  black four pointed star


1F7C7  MEDIUM FOUR POINTED PINWHEEL STAR

1F7C8  REVERSE LIGHT FOUR POINTED PINWHEEL STAR  
= navigate

**Five pointed stars**


*Constitute a set as follows: 1F7C6, 2605, 1F7C7, and 272F*


1F7C9  LIGHT FIVE POINTED BLACK STAR

1F7CA  HEAVY FIVE POINTED BLACK STAR

**Six pointed stars**

*Constitute a set as follows: 2736, 1F7C8..1F7CA*



1F7CB  MEDIUM SIX POINTED BLACK STAR



1F7CC  HEAVY SIX POINTED BLACK STAR

1F7CD  SIX POINTED PINWHEEL STAR



**Eight pointed stars**

*Constitute a set with 2735, other two: 2737 and 2738 are oriented differently*

1F7CE  MEDIUM EIGHT POINTED BLACK STAR  
→ 2737  eight pointed rectilinear black star


1F7CF  HEAVY EIGHT POINTED BLACK STAR  
→ 2738  heavy eight pointed rectilinear black star


1F7D0  VERY HEAVY EIGHT POINTED BLACK STAR


1F7D1  HEAVY EIGHT POINTED PINWHEEL STAR  
→ 2735  eight pointed pinwheel star















































































**Twelve pointed stars**

*Constitute a set as follows: 1F7CF, 2739, 1F7D0, and 1F7D1*

1F7D2  LIGHT TWELVE POINTED BLACK STAR

1F7D3  HEAVY TWELVE POINTED BLACK STAR

1F7D4  HEAVY TWELVE POINTED PINWHEEL STAR

	1F80	1F81	1F82	1F83	1F84	1F85	1F86	1F87	1F88	1F89	1F8A	1F8B	1F8C	1F8D	1F8E	1F8F
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E																
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**Arrows with small triangle arrowhead**

1F800	←	LEFTWARDS ARROW WITH SMALL TRIANGLE ARROWHEAD
1F801	↑	UPWARDS ARROW WITH SMALL TRIANGLE ARROWHEAD
1F802	→	RIGHTWARDS ARROW WITH SMALL TRIANGLE ARROWHEAD
1F803	↓	DOWNWARDS ARROW WITH SMALL TRIANGLE ARROWHEAD

**Arrows with medium triangle arrowhead**

1F804	←	LEFTWARDS ARROW WITH MEDIUM TRIANGLE ARROWHEAD
1F805	↑	UPWARDS ARROW WITH MEDIUM TRIANGLE ARROWHEAD
1F806	→	RIGHTWARDS ARROW WITH MEDIUM TRIANGLE ARROWHEAD
1F807	↓	DOWNWARDS ARROW WITH MEDIUM TRIANGLE ARROWHEAD

**Arrows with large triangle arrowhead**

1F808	←	LEFTWARDS ARROW WITH LARGE TRIANGLE ARROWHEAD
1F809	↑	UPWARDS ARROW WITH LARGE TRIANGLE ARROWHEAD
1F80A	→	RIGHTWARDS ARROW WITH LARGE TRIANGLE ARROWHEAD
1F80B	↓	DOWNWARDS ARROW WITH LARGE TRIANGLE ARROWHEAD

**Arrows with small equilateral arrowhead**

1F810	←	LEFTWARDS ARROW WITH SMALL EQUILATERAL ARROWHEAD
1F811	↑	UPWARDS ARROW WITH SMALL EQUILATERAL ARROWHEAD
1F812	→	RIGHTWARDS ARROW WITH SMALL EQUILATERAL ARROWHEAD
1F813	↓	DOWNWARDS ARROW WITH SMALL EQUILATERAL ARROWHEAD

**Arrows with equilateral arrowhead**

1F814	←	LEFTWARDS ARROW WITH EQUILATERAL ARROWHEAD
1F815	↑	UPWARDS ARROW WITH EQUILATERAL ARROWHEAD
1F816	→	RIGHTWARDS ARROW WITH EQUILATERAL ARROWHEAD
1F817	↓	DOWNWARDS ARROW WITH EQUILATERAL ARROWHEAD

**Heavy arrows with equilateral arrowhead**

1F818	←	HEAVY LEFTWARDS ARROW WITH EQUILATERAL ARROWHEAD
1F819	↑	HEAVY UPWARDS ARROW WITH EQUILATERAL ARROWHEAD
1F81A	→	HEAVY RIGHTWARDS ARROW WITH EQUILATERAL ARROWHEAD
1F81B	↓	HEAVY DOWNWARDS ARROW WITH EQUILATERAL ARROWHEAD

**Heavy arrows with large equilateral arrowhead**

1F81C	←	HEAVY LEFTWARDS ARROW WITH LARGE EQUILATERAL ARROWHEAD
1F81D	↑	HEAVY UPWARDS ARROW WITH LARGE EQUILATERAL ARROWHEAD
1F81E	→	HEAVY RIGHTWARDS ARROW WITH LARGE EQUILATERAL ARROWHEAD

1F81F ↓ HEAVY DOWNWARDS ARROW WITH LARGE EQUILATERAL ARROWHEAD

**Triangle headed arrows with narrow shaft**

1F820	←	LEFTWARDS TRIANGLE-HEADED ARROW WITH NARROW SHAFT
1F821	↑	UPWARDS TRIANGLE-HEADED ARROW WITH NARROW SHAFT
1F822	→	RIGHTWARDS TRIANGLE-HEADED ARROW WITH NARROW SHAFT
1F823	↓	DOWNWARDS TRIANGLE-HEADED ARROW WITH NARROW SHAFT

**Triangle headed arrows with medium shaft**

1F824	←	LEFTWARDS TRIANGLE-HEADED ARROW WITH MEDIUM SHAFT
1F825	↑	UPWARDS TRIANGLE-HEADED ARROW WITH MEDIUM SHAFT
1F826	→	RIGHTWARDS TRIANGLE-HEADED ARROW WITH MEDIUM SHAFT
1F827	↓	DOWNWARDS TRIANGLE-HEADED ARROW WITH MEDIUM SHAFT

**Triangle headed arrows with bold shaft**

1F828	←	LEFTWARDS TRIANGLE-HEADED ARROW WITH BOLD SHAFT
1F829	↑	UPWARDS TRIANGLE-HEADED ARROW WITH BOLD SHAFT
1F82A	→	RIGHTWARDS TRIANGLE-HEADED ARROW WITH BOLD SHAFT
1F82B	↓	DOWNWARDS TRIANGLE-HEADED ARROW WITH BOLD SHAFT

**Triangle headed arrows with heavy shaft**

1F82C	←	LEFTWARDS TRIANGLE-HEADED ARROW WITH HEAVY SHAFT
1F82D	↑	UPWARDS TRIANGLE-HEADED ARROW WITH HEAVY SHAFT
1F82E	→	RIGHTWARDS TRIANGLE-HEADED ARROW WITH HEAVY SHAFT
1F82F	↓	DOWNWARDS TRIANGLE-HEADED ARROW WITH HEAVY SHAFT

**Triangle headed arrows with very heavy shaft**

1F830	←	LEFTWARDS TRIANGLE-HEADED ARROW WITH VERY HEAVY SHAFT
1F831	↑	UPWARDS TRIANGLE-HEADED ARROW WITH VERY HEAVY SHAFT
1F832	→	RIGHTWARDS TRIANGLE-HEADED ARROW WITH VERY HEAVY SHAFT
1F833	↓	DOWNWARDS TRIANGLE-HEADED ARROW WITH VERY HEAVY SHAFT

**Finger-post arrows**

1F834	←	LEFTWARDS FINGER-POST ARROW
1F835	↑	UPWARDS FINGER-POST ARROW
1F836	→	RIGHTWARDS FINGER-POST ARROW
1F837	↓	DOWNWARDS FINGER-POST ARROW

**Squared arrows**

1F838	←	LEFTWARDS SQUARED ARROW
1F839	↑	UPWARDS SQUARED ARROW
1F83A	→	RIGHTWARDS SQUARED ARROW
1F83B	↓	DOWNWARDS SQUARED ARROW

**Compressed arrows**

1F83C	←	LEFTWARDS COMPRESSED ARROW
1F83D	↑	UPWARDS COMPRESSED ARROW
1F83E	→	RIGHTWARDS COMPRESSED ARROW

1F83F ↘ DOWNWARDS COMPRESSED ARROW

**Heavy compressed arrows**

1F840 ⇐ LEFTWARDS HEAVY COMPRESSED ARROW

1F841 ⇨ UPWARDS HEAVY COMPRESSED ARROW

1F842 ⇨ RIGHTWARDS HEAVY COMPRESSED ARROW  
→ 27A7 ⇨ squat black rightwards arrow

1F843 ⇩ DOWNWARDS HEAVY COMPRESSED ARROW

**Heavy arrows**

1F844 ⇐ LEFTWARDS HEAVY ARROW

1F845 ⇨ UPWARDS HEAVY ARROW

1F846 ⇨ RIGHTWARDS HEAVY ARROW

1F847 ⇩ DOWNWARDS HEAVY ARROW

**Sans-serif arrows**1F850 ← LEFTWARDS SANS-SERIF ARROW  
→ 2190 ← leftwards arrow1F851 ↑ UPWARDS SANS-SERIF ARROW  
→ 2191 ↑ upwards arrow1F852 → RIGHTWARDS SANS-SERIF ARROW  
→ 2192 → rightwards arrow1F853 ↓ DOWNWARDS SANS-SERIF ARROW  
→ 2193 ↓ downwards arrow1F854 ↖ NORTH WEST SANS-SERIF ARROW  
→ 2196 ↖ north west arrow1F855 ↗ NORTH EAST SANS-SERIF ARROW  
→ 2197 ↗ north east arrow1F856 ↘ SOUTH EAST SANS-SERIF ARROW  
→ 2198 ↘ south east arrow1F857 ↙ SOUTH WEST SANS-SERIF ARROW  
→ 2199 ↙ south west arrow1F858 ⇄ LEFT RIGHT SANS-SERIF ARROW  
→ 2194 ⇄ left right arrow1F859 ⇅ UP DOWN SANS-SERIF ARROW  
→ 2195 ⇅ up down arrow**Wide-headed light barb arrows**

1F860 ← WIDE-HEADED LEFTWARDS LIGHT BARB ARROW

1F861 ↑ WIDE-HEADED UPWARDS LIGHT BARB ARROW

1F862 → WIDE-HEADED RIGHTWARDS LIGHT BARB ARROW

1F863 ↓ WIDE-HEADED DOWNWARDS LIGHT BARB ARROW

1F864 ↖ WIDE-HEADED NORTH WEST LIGHT BARB ARROW

1F865 ↗ WIDE-HEADED NORTH EAST LIGHT BARB ARROW

1F866 ↘ WIDE-HEADED SOUTH EAST LIGHT BARB ARROW

1F867 ↙ WIDE-HEADED SOUTH WEST LIGHT BARB ARROW

**Wide-headed barb arrows**

1F868 ← WIDE-HEADED LEFTWARDS BARB ARROW

1F869 ↑ WIDE-HEADED UPWARDS BARB ARROW

1F86A → WIDE-HEADED RIGHTWARDS BARB ARROW

1F86B ↓ WIDE-HEADED DOWNWARDS BARB ARROW

1F86C ↖ WIDE-HEADED NORTH WEST BARB ARROW

1F86D ↗ WIDE-HEADED NORTH EAST BARB ARROW

1F86E ↘ WIDE-HEADED SOUTH EAST BARB ARROW

1F86F ↙ WIDE-HEADED SOUTH WEST BARB ARROW

**Wide-headed medium barb arrows**

1F870 ← WIDE-HEADED LEFTWARDS MEDIUM BARB ARROW

1F871 ↑ WIDE-HEADED UPWARDS MEDIUM BARB ARROW

1F872 → WIDE-HEADED RIGHTWARDS MEDIUM BARB ARROW

→ 2794 → heavy wide-headed rightwards arrow

1F873 ↓ WIDE-HEADED DOWNWARDS MEDIUM BARB ARROW

1F874 ↖ WIDE-HEADED NORTH WEST MEDIUM BARB ARROW

1F875 ↗ WIDE-HEADED NORTH EAST MEDIUM BARB ARROW

1F876 ↘ WIDE-HEADED SOUTH EAST MEDIUM BARB ARROW

1F877 ↙ WIDE-HEADED SOUTH WEST MEDIUM BARB ARROW

**Wide-headed heavy barb arrows**

1F878 ← WIDE-HEADED LEFTWARDS HEAVY BARB ARROW

1F879 ↑ WIDE-HEADED UPWARDS HEAVY BARB ARROW

1F87A → WIDE-HEADED RIGHTWARDS HEAVY BARB ARROW

1F87B ↓ WIDE-HEADED DOWNWARDS HEAVY BARB ARROW

1F87C ↖ WIDE-HEADED NORTH WEST HEAVY BARB ARROW

1F87D ↗ WIDE-HEADED NORTH EAST HEAVY BARB ARROW

1F87E ↘ WIDE-HEADED SOUTH EAST HEAVY BARB ARROW

1F87F ↙ WIDE-HEADED SOUTH WEST HEAVY BARB ARROW

**Wide-headed very heavy barb arrows**

1F880 ← WIDE-HEADED LEFTWARDS VERY HEAVY BARB ARROW

1F881 ↑ WIDE-HEADED UPWARDS VERY HEAVY BARB ARROW

1F882 → WIDE-HEADED RIGHTWARDS VERY HEAVY BARB ARROW

1F883 ↓ WIDE-HEADED DOWNWARDS VERY HEAVY BARB ARROW

1F884 ↖ WIDE-HEADED NORTH WEST VERY HEAVY BARB ARROW

1F885 ↗ WIDE-HEADED NORTH EAST VERY HEAVY BARB ARROW

1F886 ↘ WIDE-HEADED SOUTH EAST VERY HEAVY BARB ARROW

1F887 ↙ WIDE-HEADED SOUTH WEST VERY HEAVY BARB ARROW

**Arrowheads**1F890 ◀ LEFTWARDS TRIANGLE ARROWHEAD  
= draw left1F891 ▲ UPWARDS TRIANGLE ARROWHEAD  
= draw up1F892 ▶ RIGHTWARDS TRIANGLE ARROWHEAD  
= draw right1F893 ▼ DOWNWARDS TRIANGLE ARROWHEAD  
= draw down1F894 ◄ LEFTWARDS WHITE ARROW WITHIN TRIANGLE ARROWHEAD  
= draw double left

1F895	▲	UPWARDS WHITE ARROW WITHIN TRIANGLE ARROWHEAD = draw double up
1F896	▶	RIGHTWARDS WHITE ARROW WITHIN TRIANGLE ARROWHEAD = draw double right
1F897	▼	DOWNWARDS WHITE ARROW WITHIN TRIANGLE ARROWHEAD = draw double down

**Notched arrows**

1F898	◄	LEFTWARDS ARROW WITH NOTCHED TAIL
1F899	↑	UPWARDS ARROW WITH NOTCHED TAIL
1F89A	➔	RIGHTWARDS ARROW WITH NOTCHED TAIL → 27AF ⇨ notched lower right-shadowed white rightwards arrow
1F89B	↓	DOWNWARDS ARROW WITH NOTCHED TAIL

**Heavy arrow shaft**

*Vertical alignment and thickness compatible with heavy shaft arrows*

1F89C	▪	HEAVY ARROW SHAFT WIDTH ONE
1F89D	▪	HEAVY ARROW SHAFT WIDTH TWO THIRDS
1F89E	▪	HEAVY ARROW SHAFT WIDTH ONE HALF
1F89F	▪	HEAVY ARROW SHAFT WIDTH ONE THIRD

**Shaded white arrows**

1F8A0	⇐	LEFTWARDS BOTTOM-SHADED WHITE ARROW
1F8A1	⇒	RIGHTWARDS BOTTOM SHADED WHITE ARROW
1F8A2	⇐	LEFTWARDS TOP SHADED WHITE ARROW
1F8A3	⇒	RIGHTWARDS TOP SHADED WHITE ARROW
1F8A4	⇐	LEFTWARDS LEFT-SHADED WHITE ARROW
1F8A5	⇒	RIGHTWARDS RIGHT-SHADED WHITE ARROW → 27A9 ⇨ right-shaded white rightwards arrow
1F8A6	⇐	LEFTWARDS RIGHT-SHADED WHITE ARROW
1F8A7	⇒	RIGHTWARDS LEFT-SHADED WHITE ARROW → 27AA ⇨ left-shaded white rightwards arrow
1F8A8	⇐	LEFTWARDS BACK-TILTED SHADOWED WHITE ARROW
1F8A9	⇒	RIGHTWARDS BACK-TILTED SHADOWED WHITE ARROW → 27AB ⇨ back-tilted shadowed white rightwards arrow
1F8AA	⇐	LEFTWARDS FRONT-TILTED SHADOWED WHITE ARROW
1F8AB	⇒	RIGHTWARDS FRONT-TILTED SHADOWED WHITE ARROW → 27AC ⇨ front-tilted shadowed white rightwards arrow

**White arrow shaft**

*Vertical alignment and thickness compatible with white arrows*

1F8AC	▫	WHITE ARROW SHAFT WIDTH ONE
1F8AD	▫	WHITE ARROW SHAFT WIDTH TWO THIRDS