Spacing Modifier Letters
Range: 02B0–02FF

This file contains an excerpt from the character code tables and list of character names for
The Unicode Standard, Version 12.0

This file may be changed at any time without notice to reflect errata or other updates to the Unicode Standard.
See http://www.unicode.org/errata/ for an up-to-date list of errata.

See http://www.unicode.org/charts/ for access to a complete list of the latest character code charts.
See http://www.unicode.org/charts/PDF/Unicode-12.0/ for charts showing only the characters added in Unicode 12.0.
See http://www.unicode.org/Public/12.0.0/charts/ for a complete archived file of character code charts for Unicode 12.0.

Disclaimer
These charts are provided as the online reference to the character contents of the Unicode Standard, Version 12.0 but do not provide all the information needed to fully support individual scripts using the Unicode Standard. For a complete understanding of the use of the characters contained in this file, please consult the appropriate sections of The Unicode Standard, Version 12.0, online at http://www.unicode.org/versions/Unicode12.0.0/, as well as Unicode Standard Annexes #9, #11, #14, #15, #24, #29, #31, #34, #38, #41, #42, #44, #45, and #50, the other Unicode Technical Reports and Standards, and the Unicode Character Database, which are available online.

See http://www.unicode.org/ucd/ and http://www.unicode.org/reports/

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

Fonts
The shapes of the reference glyphs used in these code charts are not prescriptive. Considerable variation is to be expected in actual fonts. The particular fonts used in these charts were provided to the Unicode Consortium by a number of different font designers, who own the rights to the fonts.


Terms of Use
You may freely use these code charts for personal or internal business uses only. You may not incorporate them either wholly or in part into any product or publication, or otherwise distribute them without express written permission from the Unicode Consortium. However, you may provide links to these charts.

The fonts and font data used in production of these code charts may NOT be extracted, or used in any other way in any product or publication, without permission or license granted by the typeface owner(s).

The Unicode Consortium is not liable for errors or omissions in this file or the standard itself. Information on characters added to the Unicode Standard since the publication of the most recent version of the Unicode Standard, as well as on characters currently being considered for addition to the Unicode Standard can be found on the Unicode web site.


Copyright © 1991-2019 Unicode, Inc. All rights reserved.
<table>
<thead>
<tr>
<th>02B</th>
<th>02C</th>
<th>02D</th>
<th>02E</th>
<th>02F</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>ⱉ</td>
<td>ⱪ</td>
<td>Ɐ</td>
<td>ⱺ</td>
</tr>
<tr>
<td></td>
<td>02B0</td>
<td>02C0</td>
<td>02D0</td>
<td>02E0</td>
</tr>
<tr>
<td>1</td>
<td>ⱱ</td>
<td>Ⱳ</td>
<td>ⱳ</td>
<td>ⱴ</td>
</tr>
<tr>
<td></td>
<td>02B1</td>
<td>02C1</td>
<td>02D1</td>
<td>02E1</td>
</tr>
<tr>
<td>2</td>
<td>ⱶ</td>
<td>ⱷ</td>
<td>ⱸ</td>
<td>ⱹ</td>
</tr>
<tr>
<td></td>
<td>02B2</td>
<td>02C2</td>
<td>02D2</td>
<td>02E2</td>
</tr>
<tr>
<td>3</td>
<td>Ⱳ</td>
<td>ⱳ</td>
<td>ⱴ</td>
<td>Ⱶ</td>
</tr>
<tr>
<td></td>
<td>02B3</td>
<td>02C3</td>
<td>02D3</td>
<td>02E3</td>
</tr>
<tr>
<td>4</td>
<td>ⱷ</td>
<td>ⱸ</td>
<td>ⱹ</td>
<td>ⱺ</td>
</tr>
<tr>
<td></td>
<td>02B4</td>
<td>02C4</td>
<td>02D4</td>
<td>02E4</td>
</tr>
<tr>
<td>5</td>
<td>ⱳ</td>
<td>ⱴ</td>
<td>Ⱶ</td>
<td>ⱶ</td>
</tr>
<tr>
<td></td>
<td>02B5</td>
<td>02C5</td>
<td>02D5</td>
<td>02E5</td>
</tr>
<tr>
<td>6</td>
<td>ⱴ</td>
<td>Ⱶ</td>
<td>ⱶ</td>
<td>ⱷ</td>
</tr>
<tr>
<td></td>
<td>02B6</td>
<td>02C6</td>
<td>02D6</td>
<td>02E6</td>
</tr>
<tr>
<td>7</td>
<td>Ⱶ</td>
<td>ⱶ</td>
<td>ⱷ</td>
<td>Ⱳ</td>
</tr>
<tr>
<td></td>
<td>02B7</td>
<td>02C7</td>
<td>02D7</td>
<td>02E7</td>
</tr>
<tr>
<td>8</td>
<td>ⱶ</td>
<td>ⱷ</td>
<td>Ⱳ</td>
<td>ⱳ</td>
</tr>
<tr>
<td></td>
<td>02B8</td>
<td>02C8</td>
<td>02D8</td>
<td>02E8</td>
</tr>
<tr>
<td>9</td>
<td>ⱷ</td>
<td>Ⱳ</td>
<td>ⱳ</td>
<td>ⱴ</td>
</tr>
<tr>
<td></td>
<td>02B9</td>
<td>02C9</td>
<td>02D9</td>
<td>02E9</td>
</tr>
<tr>
<td>A</td>
<td>Ⱳ</td>
<td>ⱳ</td>
<td>ⱴ</td>
<td>Ⱶ</td>
</tr>
<tr>
<td></td>
<td>02BA</td>
<td>02CA</td>
<td>02DA</td>
<td>02EA</td>
</tr>
<tr>
<td>B</td>
<td>ⱳ</td>
<td>ⱴ</td>
<td>Ⱶ</td>
<td>ⱶ</td>
</tr>
<tr>
<td></td>
<td>02BB</td>
<td>02CB</td>
<td>02DB</td>
<td>02EB</td>
</tr>
<tr>
<td>C</td>
<td>ⱴ</td>
<td>Ⱶ</td>
<td>ⱶ</td>
<td>ⱷ</td>
</tr>
<tr>
<td></td>
<td>02BC</td>
<td>02CC</td>
<td>02DC</td>
<td>02EC</td>
</tr>
<tr>
<td>D</td>
<td>Ⱶ</td>
<td>ⱶ</td>
<td>ⱷ</td>
<td>Ⱳ</td>
</tr>
<tr>
<td></td>
<td>02BD</td>
<td>02CD</td>
<td>02DD</td>
<td>02ED</td>
</tr>
<tr>
<td>E</td>
<td>ⱶ</td>
<td>Ⱳ</td>
<td>ⱳ</td>
<td>ⱴ</td>
</tr>
<tr>
<td></td>
<td>02BE</td>
<td>02CE</td>
<td>02DE</td>
<td>02EE</td>
</tr>
<tr>
<td>F</td>
<td>Ⱳ</td>
<td>ⱳ</td>
<td>ⱴ</td>
<td>Ⱶ</td>
</tr>
<tr>
<td></td>
<td>02BF</td>
<td>02CF</td>
<td>02DF</td>
<td>02EF</td>
</tr>
</tbody>
</table>
Latin superscript modifier letters

See also superscript Latin letters in the Phonetic Extensions block starting at 1000.

→ 2071 搔 superscript Latin small letter i
→ 207F 搔 superscript Latin small letter n

02B0 捺 MODIFIER LETTER SMALL H
• aspiration
≈ <super> 0068 捺

02B1 仼 MODIFIER LETTER SMALL H WITH HOOK
• breathy voiced, murmured
→ 0266 仼 latin small letter h with hook
→ 0324 仼 combining diaeresis below
≈ <super> 0066 仼

02B2 丁 MODIFIER LETTER SMALL J
• palatalization
→ 0321 丁 combining palatalized hook below
≈ <super> 006A 丁

02B3 仆 MODIFIER LETTER SMALL R
≈ <super> 0072 仆

02B4 仅 MODIFIER LETTER SMALL TURNED R
→ 0279 仅 latin small letter turned r
≈ <super> 0279 仅

02B5 仙 MODIFIER LETTER SMALL TURNED R WITH HOOK
→ 027B 仙 latin small letter turned r with hook
≈ <super> 027B 仙

02B6 仲 MODIFIER LETTER SMALL CAPITAL INVERTED R
• preceding four used for r-coloring or r-offglides
→ 0281 仲 latin letter small capital inverted r
≈ <super> 0281 仲

02B7 仳 MODIFIER LETTER SMALL W
• labialization
→ 032B 仳 combining inverted double arch below
≈ <super> 0077 仳

02B8 代 MODIFIER LETTER SMALL Y
• palatalization
• common Americanist usage for 02B2丁
≈ <super> 0079 代

Miscellaneous phonetic modifiers

02B9 代 MODIFIER LETTER PRIME
• primary stress, emphasis
• transliteration of mjagkij znak (Cyrillic soft sign: palatalization)
• transliteration of Hebrew gershet
→ 0027 代 apostrophe
→ 0084 代 acute accent
→ 02CA 代 modifier letter acute accent
→ 0301 代 combining acute accent
→ 0374 代 greek numeral sign
→ 05F3 代 hebrew punctuation gersh
→ 2032 代 prime

02BA 令 MODIFIER LETTER DOUBLE PRIME
• exaggerated stress, contrastive stress
• transliteration of tverdyj znak (Cyrillic hard sign: no palatalization)
→ 0022 令 quotation mark
→ 030B 令 combining double acute accent
→ 2033 令 double prime

02BB 仦 MODIFIER LETTER TURNED COMMA
• typographical alternate for 02BD 仦 or 02BF 仦
• used in some Polynesian orthographies for glottal stop
• Hawaiian: ‘okina
• Tongan: fakau’a
→ 0312 仦 combining turned comma above
→ 07F5 仦 nko low tone apostrophe
→ 2018 仦 left single quotation mark

02BC 仧 MODIFIER LETTER APOSTROPHE
= apostrophe
• glottal stop, glottalization, ejective
• many languages use this as a letter of their alphabets
• used as a tone marker in Bodo, Dogri, and Maithili
• 2019 仧 is the preferred character for a punctuation apostrophe
→ 0027 仧 apostrophe
→ 0313 仧 combining comma above
→ 0315 仧 combining comma above right
→ 055A 仧 armenian apostrophe
→ 07F5 仧 nko high tone apostrophe
→ 1FBF 仧 greek psili
→ 2019 仧 right single quotation mark

02BD 仩 MODIFIER LETTER REVERSED COMMA
• weak aspiration
→ 0314 仩 combining reversed comma above
→ 0559 仩 armenian modifier letter left half ring
→ 1FFE 仩 greek dasia
→ 2018 仩 single high-reversed-9 quotation mark

02BE 仪 MODIFIER LETTER RIGHT HALF RING
• transliteration of Arabic hamza (glottal stop)
• transliteration of Hebrew heaf
→ 055A 们 armenian apostrophe
→ 05DA 们 hebrew letter heaf
→ 0621 们 arabic letter hamza

02BF 仫 MODIFIER LETTER LEFT HALF RING
• transliteration of Arabic ain (voiced pharyngeal fricative)
• transliteration of Hebrew ayin
→ 0559 仫 armenian modifier letter left half ring
→ 05E2 仫 hebrew letter ayin
→ 0639 仫 arabic letter ain

02C0 们 MODIFIER LETTER GLOTTLAL STOP
• ejective or glottalized
• typographical alternate for 02C1 们 or 02C2 们
→ 0294 们 latin letter glottal stop
→ 0309 们 combining hook above

02C1 仭 MODIFIER LETTER REVERSED GLOTTLAL STOP
• typographical alternate for 02BF 们
→ 0295 仭 latin letter pharyngeal voiced fricative

02C2 仮 MODIFIER LETTER LEFT ARROWHEAD
• fronted articulation

02C3 仱 MODIFIER LETTER RIGHT ARROWHEAD
• backed articulation

02C4 仲 MODIFIER LETTER UP ARROWHEAD
• raised articulation
→ 005E 仲 circumflex accent
→ 2303 仲 up arrowhead

02C5 仳 MODIFIER LETTER DOWN ARROWHEAD
• lowered articulation
Spacing Modifier Letters

02E6

02E6 Spacing Modifier Letters

02E6  • MODIFIER LETTER CIRCUMFLEX ACCENT
  • rising-falling tone, falling tone, secondary stress, etc.
  → 005E ˚ circumflex accent
  → 0302 ˚ combining circumflex accent
  → A788 ˚ modifier letter low circumflex accent

02E7  • CARON
  = hacket
  • falling-rising tone
  • Mandarin Chinese third tone
  → 030C ˛ combining caron

02E8  • MODIFIER LETTER VERTICAL LINE
  • primary stress, downstep
  • precedes letter or syllable modified
  → 0027  ’ apostrophe
  → 030D ˛ combining vertical line above

02E9  • MODIFIER LETTER MACRON
  • high level tone
  • precedes or follows letter or syllable modified
  • Mandarin Chinese first tone
  → 00A0 ˘ macron
  → 0304 ˛ combining macron

02EA  • MODIFIER LETTER ACUTE ACCENT
  • high-rising tone (IPA), high tone, primary stress
  • Mandarin Chinese second tone
  → 00B4 ´ acute accent
  → 02B9 ˇ modifier letter prime
  → 0301 ˚ combining acute accent
  → 0374 ˛ greek numeral sign
  → 055B ˘ arménian emphasis mark

02EB  • MODIFIER LETTER GRAVE ACCENT
  • high-falling tone (IPA), low tone, secondary or tertiary stress
  • Mandarin Chinese fourth tone
  → 00B0 ˘ grave accent
  → 0300 ˚ combining grave accent
  → 035D ˚ arménian comma

02EC  • MODIFIER LETTER LOW VERTICAL LINE
  • secondary stress
  • precedes letter or syllable modified
  → 0329 ˘ combining vertical line below

02ED  • MODIFIER LETTER LOW MACRON
  • low level tone
  → 005F ˘ low line
  → 0331 ˘ combining macron below

02EE  • MODIFIER LETTER LOW GRAVE ACCENT
  • low-falling tone

02EF  • MODIFIER LETTER LOW ACUTE ACCENT
  • low-rising tone

02F0  • MODIFIER LETTER TRIANGULAR COLON
  • length mark
  → 003A ː colon

02F1  • MODIFIER LETTER HALF TRIANGULAR COLON
  • half-length mark
  → 0087 ˑ middle dot

02F2  • MODIFIER LETTER CENTRED RIGHT HALF RING
  • more rounded articulation

02F3  • MODIFIER LETTER CENTRED LEFT HALF RING
  • less rounded articulation

02F4  • MODIFIER LETTER UP TACK
  • vowel raising or closing
  → 031D ˘ combining up tack below
  → 0323 ˘ combining dot below

02F5  • MODIFIER LETTER DOWN TACK
  • vowel lowering or opening
  → 031C ˘ combining left half ring below
  → 031E ˘ combining down tack below

02F6  • MODIFIER LETTER PLUS SIGN
  • advanced or fronted articulation
  → 031F ˘ combining plus sign below

02F7  • MODIFIER LETTER MINUS SIGN
  • retracted or backed articulation
  • glyph may have small end-senfs
  → 0320 ˘ combining minus sign below
  → 2212 utow minus sign

Spacing clones of diacritics

02D8  • BREVE
  → 0306 ˘ combining breve
  ≈ 0200 ˚ 0306 ˘

02D9  • DOT ABOVE
  • Mandarin Chinese fifth tone (light or neutral)
  → 0307 ˘ combining dot above
  ≈ 0200 ˚ 0307 ˘

02DA  • RING ABOVE
  → 0308 ˘ degree sign
  → 030A ˘ combining ring above
  ≈ 0200 ˚ 030A ˘

02DB  • OGGONEK
  → 0328 ˘ combining ogonek
  ≈ 0200 ˚ 0328 ˘

02DC  • SMALL TILDE
  → 007E ˘ tilde
  → 0303 ˘ combining tilde
  → 0303 ˘ tilde operator
  ≈ 0200 ˚ 0303 ˘

02DD  • DOUBLE ACUTE ACCENT
  → 030B ˘ combining double acute accent
  ≈ 0200 ˚ 030B ˘

Additions based on 1989 IPA

02DE  • MODIFIER LETTER Rhotic Hook
  • rhotacization in vowel
  • often ligated: 025A ˘ = 0259 ˘ + 02DE ˘;
  025D ˘ = 025C ˘ + 02DE ˘

02DF  • MODIFIER LETTER CROSS ACCENT
  • Swedish grave accent

02E0  • MODIFIER LETTER SMALL GAMMA
  • these modifier letters are occasionally used in transcription of affricates
  ≈ <super> 0263 ˘

02E1  • MODIFIER LETTER SMALL L
  ≈ <super> 006C ˚

02E2  • MODIFIER LETTER SMALL S
  ≈ <super> 0073 ˚

02E3  • MODIFIER LETTER SMALL X
  ≈ <super> 0078 ˚

02E4  • MODIFIER LETTER SMALL REVERSED GLOTTAL STOP
  ≈ <super> 0295 ˚

Tone letters

02E5  • MODIFIER LETTER EXTRA-HIGH TONE BAR

02E6  • MODIFIER LETTER HIGH TONE BAR
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>02E7</td>
<td>MODIFIER LETTER MID TONE BAR</td>
</tr>
<tr>
<td>02E8</td>
<td>MODIFIER LETTER LOW TONE BAR</td>
</tr>
<tr>
<td>02E9</td>
<td>MODIFIER LETTER EXTRA-LOW TONE BAR</td>
</tr>
<tr>
<td></td>
<td><strong>Extended Bopomofo tone marks</strong></td>
</tr>
<tr>
<td>02EA</td>
<td>MODIFIER LETTER YIN DEPARTING TONE MARK</td>
</tr>
<tr>
<td>02EB</td>
<td>MODIFIER LETTER YANG DEPARTING TONE MARK</td>
</tr>
<tr>
<td></td>
<td><strong>IPA modifiers</strong></td>
</tr>
<tr>
<td>02EC</td>
<td>MODIFIER LETTER VOICING</td>
</tr>
<tr>
<td>02ED</td>
<td>MODIFIER LETTER UNASPIRATED</td>
</tr>
<tr>
<td></td>
<td><strong>Other modifier letter</strong></td>
</tr>
<tr>
<td>02EE</td>
<td>MODIFIER LETTER DOUBLE APOSTROPE</td>
</tr>
<tr>
<td></td>
<td>• Nenets</td>
</tr>
<tr>
<td></td>
<td><strong>UPA modifiers</strong></td>
</tr>
<tr>
<td>02EF</td>
<td>MODIFIER LETTER LOW DOWN ARROWHEAD</td>
</tr>
<tr>
<td>02F0</td>
<td>MODIFIER LETTER LOW UP ARROWHEAD</td>
</tr>
<tr>
<td>02F1</td>
<td>MODIFIER LETTER LOW LEFT ARROWHEAD</td>
</tr>
<tr>
<td>02F2</td>
<td>MODIFIER LETTER LOW RIGHT ARROWHEAD</td>
</tr>
<tr>
<td>02F3</td>
<td>MODIFIER LETTER LOW RING</td>
</tr>
<tr>
<td></td>
<td>→ 0325 ꞩ combining ring below</td>
</tr>
<tr>
<td>02F4</td>
<td>MODIFIER LETTER MIDDLE GRAVE ACCENT</td>
</tr>
<tr>
<td>02F5</td>
<td>MODIFIER LETTER MIDDLE DOUBLE GRAVE ACCENT</td>
</tr>
<tr>
<td>02F6</td>
<td>MODIFIER LETTER MIDDLE DOUBLE ACUTE ACCENT</td>
</tr>
<tr>
<td>02F7</td>
<td>MODIFIER LETTER LOW TILDE</td>
</tr>
<tr>
<td>02F8</td>
<td>MODIFIER LETTER RAISED COLON</td>
</tr>
<tr>
<td>02F9</td>
<td>MODIFIER LETTER BEGIN HIGH TONE</td>
</tr>
<tr>
<td>02FA</td>
<td>MODIFIER LETTER END HIGH TONE</td>
</tr>
<tr>
<td>02FB</td>
<td>MODIFIER LETTER BEGIN LOW TONE</td>
</tr>
<tr>
<td>02FC</td>
<td>MODIFIER LETTER END LOW TONE</td>
</tr>
<tr>
<td>02FD</td>
<td>MODIFIER LETTER SHELF</td>
</tr>
<tr>
<td>02FE</td>
<td>MODIFIER LETTER OPEN SHELF</td>
</tr>
<tr>
<td>02FF</td>
<td>MODIFIER LETTER LOW LEFT ARROW</td>
</tr>
</tbody>
</table>