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 8.0

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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-8.0/ for charts showing only the characters added in Unicode 8.0.
See http://www.unicode.org/Public/8.0.0/charts/ for a complete archived file of character code charts for Unicode 8.0.

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These charts are provided as the online reference to the character contents of the Unicode Standard, Version 8.0 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 8.0, online at http://www.unicode.org/versions/Unicode8.0.0/, as well as Unicode Standard Annexes #9, #11, #14, #15, #24, #29, #31, #34, #38, #41, #42, #44, and #45, 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.

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	02B	02C	02D	02E	02F
0	ʰ 02B0	ˀ 02C0	ː 02D0	ˠ 02E0	˰ 02F0
1	ʱ 02B1	ˁ 02C1	ˑ 02D1	ˡ 02E1	˱ 02F1
2	ʲ 02B2	˂ 02C2	˒ 02D2	ˢ 02E2	˲ 02F2
3	ʳ 02B3	˃ 02C3	˓ 02D3	ˣ 02E3	˳ 02F3
4	ʴ 02B4	˄ 02C4	˔ 02D4	ˤ 02E4	˴ 02F4
5	ʵ 02B5	˅ 02C5	˕ 02D5	˥ 02E5	˵ 02F5
6	ʶ 02B6	ˆ 02C6	˖ 02D6	˦ 02E6	˶ 02F6
7	ʷ 02B7	ˇ 02C7	˗ 02D7	˧ 02E7	˷ 02F7
8	ʸ 02B8	ˈ 02C8	˘ 02D8	˨ 02E8	˸ 02F8
9	ʹ 02B9	ˉ 02C9	˙ 02D9	˩ 02E9	˹ 02F9
A	ʺ 02BA	ˊ 02CA	˚ 02DA	˪ 02EA	˺ 02FA
B	ʻ 02BB	ˋ 02CB	˛ 02DB	˫ 02EB	˻ 02FB
C	ʼ 02BC	ˌ 02CC	˜ 02DC	ˬ 02EC	˼ 02FC
D	ʽ 02BD	ˍ 02CD	˝ 02DD	˭ 02ED	˽ 02FD
E	ʾ 02BE	ˎ 02CE	˞ 02DE	ˮ 02EE	˾ 02FE
F	ʿ 02BF	ˏ 02CF	˟ 02DF	˯ 02EF	˿ 02FF

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Latin superscript modifier letters

→ 2071 ⁱ superscript latin small letter i
→ 207F ⁿ superscript latin small letter n

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

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

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

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

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

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

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

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

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

Miscellaneous phonetic modifiers

02B9 ′ MODIFIER LETTER PRIME
• primary stress, emphasis
• transliteration of mjagkij znak (Cyrillic soft sign: palatalization)
• transliteration of Hebrew geresh
→ 0027 ' apostrophe
→ 00B4 ´ acute accent
→ 02CA ˊ modifier letter acute accent
→ 0301 ◌́ combining acute accent
→ 0374 ʹ greek numeral sign
→ 05F3 ׳ hebrew punctuation geresh
→ 2032 ′ prime

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

02BB ʻ MODIFIER LETTER TURNED COMMA
• typographical alternate for 02BD ʽ or 02BF ʿ
• used in Hawai`ian orthography as `okina (glottal stop)
→ 0312 ◌̒ combining turned comma above
→ 07F5 ʻ nko low tone apostrophe
→ 2018 ‘ left single quotation mark

02BC ʼ 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 ’ is the preferred character for a punctuation apostrophe
→ 0027 ' apostrophe
→ 0313 ◌̓ combining comma above
→ 0315 ◌̕ combining comma above right
→ 055A ՚ armenian apostrophe
→ 07F4 ʼ nko high tone apostrophe
→ 1FBF ᾿ greek psili
→ 2019 ’ right single quotation mark

02BD ʽ MODIFIER LETTER REVERSED COMMA
• weak aspiration
→ 0314 ◌̔ combining reversed comma above
→ 0559 ՙ armenian modifier letter left half ring
→ 1FFE ῾ greek dasia
→ 201B ‛ single high-reversed-9 quotation mark

02BE ʾ MODIFIER LETTER RIGHT HALF RING
• transliteration of Arabic hamza (glottal stop)
• transliteration of Hebrew alef
→ 055A ՚ armenian apostrophe
→ 05D0 א hebrew letter alef
→ 0621 ء arabic letter hamza

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

02C0 ˀ MODIFIER LETTER GLOTTAL STOP
• ejective or glottalized
• typographical alternate for 02BC ʼ or 02BE ʾ
→ 0294 ʔ latin letter glottal stop
→ 0309 ◌̉ combining hook above

02C1 ˁ MODIFIER LETTER REVERSED GLOTTAL STOP
• typographical alternate for 02BF ʿ
→ 0295 ʕ latin letter pharyngeal voiced fricative

02C2 ˂ MODIFIER LETTER LEFT ARROWHEAD
• fronted articulation

02C3 ˃ MODIFIER LETTER RIGHT ARROWHEAD
• backed articulation

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

02C5 ˅ MODIFIER LETTER DOWN ARROWHEAD
• lowered articulation

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02C6 ˆ MODIFIER LETTER CIRCUMFLEX ACCENT
- rising-falling tone, falling tone, secondary stress, etc.

→ 005E ^ circumflex accent
→ 0302 ◌̂ combining circumflex accent
→ A788 ꞈ modifier letter low circumflex accent

02C7 ˇ CARON
= hacek
- falling-rising tone
- Mandarin Chinese third tone

→ 030C ◌̌ combining caron

02C8 ˈ MODIFIER LETTER VERTICAL LINE
- primary stress, downstep
- precedes letter or syllable modified

→ 0027 ' apostrophe
→ 030D ◌̍ combining vertical line above

02C9 ˉ MODIFIER LETTER MACRON
- high level tone
- precedes or follows letter or syllable modified
- Mandarin Chinese first tone

→ 00AF ¯ macron
→ 0304 ◌̄ combining macron

02CA ˊ MODIFIER LETTER ACUTE ACCENT
- high-rising tone (IPA), high tone, primary stress
- Mandarin Chinese second tone

→ 00B4 ´ acute accent
→ 02B9 ′ modifier letter prime
→ 0301 ◌́ combining acute accent
→ 0374 ʹ greek numeral sign
→ 055B ՛ armenian emphasis mark

02CB ˋ MODIFIER LETTER GRAVE ACCENT
- high-falling tone (IPA), low tone, secondary or tertiary stress
- Mandarin Chinese fourth tone

→ 0060 ` grave accent
→ 0300 ◌̀ combining grave accent
→ 055D ՝ armenian comma

02CC ˌ MODIFIER LETTER LOW VERTICAL LINE
- secondary stress
- precedes letter or syllable modified

→ 0329 ◌̩ combining vertical line below

02CD ˍ MODIFIER LETTER LOW MACRON
- low level tone

→ 005F _ low line
→ 0331 ◌̱ combining macron below

02CE ˎ MODIFIER LETTER LOW GRAVE ACCENT
- low-falling tone

02CF ˏ MODIFIER LETTER LOW ACUTE ACCENT
- low-rising tone

→ 0375 ͵ greek lower numeral sign

02D0 ː MODIFIER LETTER TRIANGULAR COLON
- length mark

→ 003A : colon

02D1 ˑ MODIFIER LETTER HALF TRIANGULAR COLON
- half-length mark

→ 00B7 · middle dot

02D2 ˒ MODIFIER LETTER CENTRED RIGHT HALF RING
- more rounded articulation

02D3 ˓ MODIFIER LETTER CENTRED LEFT HALF RING
- less rounded articulation

02D4 ˔ MODIFIER LETTER UP TACK
- vowel raising or closing

→ 031D ◌̝ combining up tack below
→ 0323 ◌̣ combining dot below

02D5 ˕ MODIFIER LETTER DOWN TACK
- vowel lowering or opening

→ 031C ◌̜ combining left half ring below
→ 031E ◌̞ combining down tack below

02D6 ˖ MODIFIER LETTER PLUS SIGN
- advanced or fronted articulation

→ 031F ◌̟ combining plus sign below

02D7 ˗ MODIFIER LETTER MINUS SIGN
- retracted or backed articulation
- glyph may have small end-serifs

→ 0320 ◌̠ combining minus sign below
→ 2212 − minus sign

Spacing clones of diacritics

02D8 ˘ BREVE
→ 0306 ◌̆ combining breve
≈ 0020 SP 0306 ◌̆

02D9 ˙ DOT ABOVE
- Mandarin Chinese fifth tone (light or neutral)

→ 0307 ◌̇ combining dot above
≈ 0020 SP 0307 ◌̇

02DA ˚ RING ABOVE
→ 00B0 ° degree sign
→ 030A ◌̊ combining ring above
≈ 0020 SP 030A ◌̊

02DB ˛ OGONEK
→ 0328 ◌̨ combining ogonek
≈ 0020 SP 0328 ◌̨

02DC ˜ SMALL TILDE
→ 007E ~ tilde
→ 0303 ◌̃ combining tilde
→ 223C ∼ tilde operator
≈ 0020 SP 0303 ◌̃

02DD ˝ DOUBLE ACUTE ACCENT
→ 030B ◌̋ combining double acute accent
≈ 0020 SP 030B ◌̋

Additions based on 1989 IPA

02DE ˞ MODIFIER LETTER RHOTIC HOOK
- rhotacization in vowel
- often ligated: 025A ɚ = 0259 ə + 02DE ˞; 025D ɝ = 025C ɜ + 02DE ˞

02DF ˟ MODIFIER LETTER CROSS ACCENT
- Swedish grave accent

02E0 ˠ MODIFIER LETTER SMALL GAMMA
- these modifier letters are occasionally used in transcription of affricates

≈ <super> 0263 ɣ

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

02E2 ˢ MODIFIER LETTER SMALL S
≈ <super> 0073 s

02E3 ˣ MODIFIER LETTER SMALL X
≈ <super> 0078 x

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

Tone letters

02E5 ˥ MODIFIER LETTER EXTRA-HIGH TONE BAR
02E6 ˦ MODIFIER LETTER HIGH TONE BAR

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02E7 ˧ MODIFIER LETTER MID TONE BAR
02E8 ˨ MODIFIER LETTER LOW TONE BAR
02E9 ˩ MODIFIER LETTER EXTRA-LOW TONE BAR

Extended Bopomofo tone marks

02EA ˪ MODIFIER LETTER YIN DEPARTING TONE MARK
02EB ˫ MODIFIER LETTER YANG DEPARTING TONE MARK

IPA modifiers

02EC ˬ MODIFIER LETTER VOICING
02ED ˭ MODIFIER LETTER UNASPIRATED

Other modifier letter

02EE ˮ MODIFIER LETTER DOUBLE APOSTROPHE
• Nenets

UPA modifiers

02EF ˯ MODIFIER LETTER LOW DOWN ARROWHEAD
02F0 ˰ MODIFIER LETTER LOW UP ARROWHEAD
02F1 ˱ MODIFIER LETTER LOW LEFT ARROWHEAD
02F2 ˲ MODIFIER LETTER LOW RIGHT ARROWHEAD
02F3 ˳ MODIFIER LETTER LOW RING
02F4 ˴ MODIFIER LETTER MIDDLE GRAVE ACCENT
02F5 ˵ MODIFIER LETTER MIDDLE DOUBLE GRAVE ACCENT
02F6 ˶ MODIFIER LETTER MIDDLE DOUBLE ACUTE ACCENT
02F7 ˷ MODIFIER LETTER LOW TILDE
02F8 ˸ MODIFIER LETTER RAISED COLON
02F9 ˹ MODIFIER LETTER BEGIN HIGH TONE
02FA ˺ MODIFIER LETTER END HIGH TONE
02FB ˻ MODIFIER LETTER BEGIN LOW TONE
02FC ˼ MODIFIER LETTER END LOW TONE
02FD ˽ MODIFIER LETTER SHELF
02FE ˾ MODIFIER LETTER OPEN SHELF
02FF ˿ MODIFIER LETTER LOW LEFT ARROW

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