## Combining Diacritical Marks for Symbols

## Range: 20D0-20FF

## DRAFT The Unicode Standard, Version 16.0 BETA REVIEW

This file contains an excerpt from the character code tables and list of character names for DRAFT The Unicode Standard, Version 16.0 BETA REVIEW

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

See https://www.unicode.org/charts/ for access to a complete list of the latest character code charts.
See https://www.unicode.org/charts/PDF/Unicode-15.1/ for charts showing only the characters added in Unicode 15.1. See https://www.unicode.org/Public/15.1.0/charts/ for a complete archived file of character code charts for Unicode 15.1. See https://www.unicode.org/charts/About.html\#Conventions for conventions used in these code charts, and other general information.

## Disclaimer

These charts are provided as the online reference to the character contents of the Unicode Standard, Version 15.1 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 15.1, online at https://www.unicode.org/versions/Unicode15.1.0/, 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 https://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.

Copying characters from the character code tables or list of character names is not recommended, because for production reasons the PDF files for the code charts cannot guarantee that the correct character codes will always be copied.

## 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.

## See https://www.unicode.org/charts/fonts.html for a list.

## 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.

See https://www.unicode.org/pending/pending.html and http://www.unicode.org/alloc/Pipeline.html.
See https://www.unicode.org/charts/About.html for more information concerning the conventions and symbols used in these code charts.

Copyright © 1991-2023 Unicode, Inc. All rights reserved. See https://www.unicode.org/copyright.html

|  | 20D | 20E | 20F |
| :---: | :---: | :---: | :---: |
| 0 | $\begin{gathered} 2000 \\ 20 \end{gathered}$ | $\bigcirc$ <br> 20EO | * <br> 20F0 |
| 1 | 20D1 | $\underset{20 E 1}{\leftrightarrow}$ |  |
| 2 | $\underset{20 \mathrm{D} 2}{1}$ |  |  |
| 3 | $\begin{gathered} 1 \\ 2003 \end{gathered}$ |  |  |
| 4 | $\begin{aligned} & \check{2} \\ & 2004 \end{aligned}$ | $\underset{20 E 4}{0}$ |  |
| 5 | $\begin{gathered} \approx \\ 2005 \end{gathered}$ | ${ }_{20 E 5}^{1}$ |  |
| 6 | $\begin{gathered} \overleftarrow{5} \\ 2006 \end{gathered}$ | 20E6 |  |
| 7 | $\begin{gathered} \overrightarrow{6} \\ 20 D 7 \end{gathered}$ |  |  |
| 8 | O: 20D8 | 20E8 |  |
| 9 | $\begin{aligned} & \text { OO: } \\ & \text { 20D9 } \end{aligned}$ |  |  |
| A | $\mathrm{Q}$ $20 \mathrm{DA}$ | $\underset{\text { 20EA }}{ }$ |  |
| B | 20DB | $\begin{aligned} & \vdots \\ & \text { 20EB } \\ & \hline \end{aligned}$ |  |
| C | 20DC | 20EC |  |
| D | $\underset{200 D}{\square}$ | 20ED |  |
| E | 20DE | $\underset{\text { 20EE }}{\leftarrow}$ |  |
| F | $\underset{200 F}{\bigcirc}$ | $\underset{20 \mathrm{EF}}{ }$ |  |

Combining diacritical marks for symbols
20D0 © COMBINING LEFT HARPOON ABOVE
20D1 © COMBINING RIGHT HARPOON ABOVE

- vector

20 D 2 - COMBINING LONG VERTICAL LINE OVERLAY

- negation

20D3 COMBINING SHORT VERTICAL LINE OVERLAY

- occasional variant for negation

20D4 COMBINING ANTICLOCKWISE ARROW ABOVE
$20 D 5$ C COMBINING CLOCKWISE ARROW ABOVE

- rotation

20D6 $\quad$ COMBINING LEFT ARROW ABOVE
$20 D 7$ COMBINING RIGHT ARROW ABOVE

- vector

20D8 © COMBINING RING OVERLAY
20D9 COMBINING CLOCKWISE RING OVERLAY
20DA © COMBINING ANTICLOCKWISE RING OVERLAY
20DB © COMBINING THREE DOTS ABOVE
= third derivative
20DC $\cdots$ COMBINING FOUR DOTS ABOVE
= fourth derivative

## Enclosing diacritics

20DD © COMBINING ENCLOSING CIRCLE
= JIS composition circle
= Cyrillic combining ten thousands sign
$\rightarrow 25 \mathrm{CB} \bigcirc$ white circle
$\rightarrow 25 \mathrm{EF} \bigcirc$ large circle
$\rightarrow 3007 \bigcirc$ ideographic number zero
20DE
COMBINING ENCLOSING SQUARE
$\rightarrow 25 \mathrm{~A} 1 \square$ white square
20DF COMBINING ENCLOSING DIAMOND
$\rightarrow 25 \mathrm{C} 7 \diamond$ white diamond
$20 E 0$ © COMBINING ENCLOSING CIRCLE BACKSLASH

- prohibition
$\rightarrow$ 1F6C7 $\otimes$ prohibited sign
Additional diacritical mark for symbols
20E1 $\quad \stackrel{\circ}{ }$ COMBINING LEFT RIGHT ARROW ABOVE
- tensor

Additional enclosing diacritics
20E2 COMBINING ENCLOSING SCREEN
$\rightarrow 239 A$ clear screen symbol
$\rightarrow$ 1F5B5 $\square$ screen
20E3 COMBINING ENCLOSING KEYCAP
20E4 COMBINING ENCLOSING UPWARD POINTING TRIANGLE
$\rightarrow$ 25B3 $\triangle$ white up-pointing triangle
Additional diacritical marks for symbols
20E5 \& COMBINING REVERSE SOLIDUS OVERLAY
$\rightarrow 005 \mathrm{C}$ \reverse solidus
20E6 \# COMBINING DOUBLE VERTICAL STROKE OVERLAY
$=z$ notation finite function diacritic
$\rightarrow 2016$ || double vertical line
$\rightarrow 21 \mathrm{FB} \rightarrow$ rightwards arrow with double vertical stroke
$\rightarrow 2901 \rightarrow$ rightwards two-headed arrow with double vertical stroke
$\rightarrow 2915 \rightarrow$ rightwards arrow with tail with double vertical stroke
$20 E 7$ C COMBINING ANNUITY SYMBOL
= actuarial bend
$\rightarrow 23091$ right ceiling
20E8 . COMBINING TRIPLE UNDERDOT
20E9 $\quad \bar{\circ}$ COMBINING WIDE BRIDGE ABOVE
= contraction operator

- extends the full width of the base character
$\rightarrow 0346$ combining bridge above
20EA COMBINING LEFTWARDS ARROW OVERLAY
$\rightarrow 2190 \leftarrow$ leftwards arrow
20EB / COMBINING LONG DOUBLE SOLIDUS OVERLAY = long double slash overlay
- COMBINING RIGHTWARDS HARPOON WITH BARB DOWNWARDS
- COMBINING LEFTWARDS HARPOON WITH BARB DOWNWARDS
- COMBINING LEFT ARROW BELOW
$\bar{\square}$ COMBINING RIGHT ARROW BELOW
COMBINING ASTERISK ABOVE

