For additional general punctuation characters see also Basic Latin, Latin-1, Supplemental Punctuation and CJK Symbols and Punctuation.

Spaces

2000 NQ SP **EN QUAD**

■ 2002 en space

2001 MQ **EM QUAD**

= mutton quad

= 2003 ∰ em space

2002 EN **EN SPACE**

= nut

• half an em

≈ 0020 spl space

2003 EM SP **EM SPACE**

= mutton

• nominally, a space equal to the type size in

• may scale by the condensation factor of a font ≈ 0020 sp space

2004 THREE-PER-EM SPACE

= thick space

≈ 0020 sp space

2005 4/M SP FOUR-PER-EM SPACE

= mid space

≈ 0020 sp space

2006 SIX-PER-EM SPACE

> • in computer typography sometimes equated to thin space

≈ 0020 sp space

FIGURE SPACE 2007

• space equal to tabular width of a font

• this is equivalent to the digit width of fonts with fixed-width digits

≈ <noBreak> 0020 SP

P SP **PUNCTUATION SPACE** 2008

> • space equal to narrow punctuation of a font ≈ 0020 sp space

2009 TH THIN SPACE

• a fifth of an em (or sometimes a sixth)

→ 202F narrow no-break space

≈ 0020 sp space

200A SP HAIR SPACE

• thinner than a thin space

• in traditional typography, the thinnest space available

≈ 0020 sp space

Format characters

200B SW ZERO WIDTH SPACE

• commonly abbreviated ZWSP

• this character is intended for invisible word separation and for line break control; it has no width, but its presence between two characters does not prevent increased letter spacing in justification

200C ZERO WIDTH NON-JOINER

commonly abbreviated ZWNJ

200D **ZERO WIDTH JOINER**

commonly abbreviated ZWJ

200E **LEFT-TO-RIGHT MARK**

• commonly abbreviated LRM

200F **RIGHT-TO-LEFT MARK**

• commonly abbreviated RLM

→ 061C arabic letter mark

Dashes

2010 **HYPHEN**

→ 002D - hyphen-minus

→ 00AD SHY soft hyphen

2011 **NON-BREAKING HYPHEN**

≈ <noBreak> 2010 -

2012 FIGURE DASH

2013 **EN DASH**

2014 FM DASH

• may be used in pairs to offset parenthetical text

→ 2E3A [2M] two-em dash

→ 30FC — katakana-hiragana prolonged sound mark

2015 — HORIZONTAL BAR

= quotation dash

• long dash introducing quoted text

General punctuation

2016 DOUBLE VERTICAL LINE

• used in pairs to indicate norm of a matrix

→ 20E6 © combining double vertical stroke overlav

→ 2225 II parallel to

→ 23F8 II double vertical bar

DOUBLE LOW LINE 2017

• this is a spacing character

 \rightarrow 005F _ low line

 \rightarrow 0333 $\underline{\underline{\circ}}$ combining double low line

≈ 0020 SP 0333 ©

Quotation marks and apostrophe

Use of quotation marks differs by language. The character names cannot reflect actual usage for all languages.

2018 LEFT SINGLE OUOTATION MARK

= single turned comma quotation mark

• this is the preferred character (as opposed to 201B')

→ 0027 [†] apostrophe → 02BB ^{*} modifier letter turned comma

→ 275B • heavy single turned comma quotation mark ornament

~ 2018 FE00 ' non-fullwidth form

 \sim 2018 FE01 ' right-justified fullwidth form

RIGHT SINGLE QUOTATION MARK 2019

= single comma quotation mark

• this is the preferred character to use for apostrophe

 → 0027 ' apostrophe
 → 02BC' modifier letter apostrophe
 → 275C heavy single comma quotation mark ornament

~ 2019 FE00 ' non-fullwidth form

~ 2019 FE01 ' left-justified fullwidth form

201A SINGLE LOW-9 QUOTATION MARK

= low single comma quotation mark

• used as opening single quotation mark in some languages

201B SINGLE HIGH-REVERSED-9 QUOTATION MARK

= single reversed comma quotation mark

• has same semantic as 2018 ', but differs in appearance

→ 02BD 'modifier letter reversed comma

201C	"	LEFT DOUBLE QUOTATION MARK	2027	•	HYPHENATION POINT
		= double turned comma quotation mark			• visible symbol used to indicate correct
		• this is the preferred character (as opposed to			positions for word breaking, as in dic∙tion∙ar∙ies
		201F")	Sepa	rator	's
		→ 0022 " quotation mark	2028	L SEP	LINE SEPARATOR
		→ 275D ⁶⁶ heavy double turned comma quotation mark ornament			• may be used to represent this semantic
		→ 301D * reversed double prime quotation			unámbiguously [']
		mark	2029	P SEP	PARAGRAPH SEPARATOR
		~ 201C FE00 " non-fullwidth form			 may be used to represent this semantic
		~ 201C FE01 " right-justified fullwidth form			unambiguously
201D	,,	RIGHT DOUBLE QUOTATION MARK	Form	at ch	naracters
2015		= double comma quotation mark	202A	LRE	LEFT-TO-RIGHT EMBEDDING
		→ 0022 " quotation mark	20271	1	• commonly abbreviated LRE
		→ 2033 " double prime	202B	RLE	RIGHT-TO-LEFT EMBEDDING
		\rightarrow 275E ⁹⁹ heavy double comma quotation mark	2020		• commonly abbreviated RLE
		ornament	202C	PDF	POP DIRECTIONAL FORMATTING
		→ 301E [*] double prime quotation mark	2020	11.11	• commonly abbreviated PDF
		~ 201D FE00" non-fullwidth form	202D	LRO	LEFT-TO-RIGHT OVERRIDE
		~ 201D FE01 " left-justified fullwidth form	2020		• commonly abbreviated LRO
201E	,,	DOUBLE LOW-9 QUOTATION MARK	202E	RLO	RIGHT-TO-LEFT OVERRIDE
		= low double comma quotation mark	ZUZL	1	• commonly abbreviated RLO
		 used as opening double quotation mark in 	_		commonly appreviated neo
		some languages	Space		
		→ 2E42 , double low-reversed-9 quotation	202F	NNB SP	NARROW NO-BREAK SPACE
		mark			 commonly abbreviated NNBSP
2045	••	→ 301F > low double prime quotation mark			• a narrow form of a no-break space, typically the
201F		DOUBLE HIGH-REVERSED-9 QUOTATION MARK			width of a thin space or a mid space
		= double reversed comma quotation mark			→ 00A0 🖁 no-break space
		 has same semantic as 201C ", but differs in appearance 			→ 2005 🕍 four-per-em space
_		• •			→ 2009 thin space ≈ <nobreak> 0020</nobreak>
Genei	raı p	unctuation			
	-				
2020	†	DAGGER	Gene	ral p	unctuation
2020	-	DAGGER = obelisk, long cross, oblong cross	Gene 2030		
	†	DAGGER = obelisk, long cross, oblong cross → 2E38 ‡ turned dagger			unctuation PER MILLE SIGN = permille, per thousand
2020	-	DAGGER = obelisk, long cross, oblong cross → 2E38 ‡ turned dagger DOUBLE DAGGER			unctuation PER MILLE SIGN = permille, per thousand • used, for example, in measures of blood alcohol
	†	DAGGER = obelisk, long cross, oblong cross → 2E38 ‡ turned dagger DOUBLE DAGGER = diesis, double obelisk			unctuation PER MILLE SIGN = permille, per thousand • used, for example, in measures of blood alcohol content, salinity, etc.
2021	†	DAGGER = obelisk, long cross, oblong cross → 2E38 ‡ turned dagger DOUBLE DAGGER = diesis, double obelisk → 2E4B ‡ triple dagger			unctuation PER MILLE SIGN = permille, per thousand • used, for example, in measures of blood alcohol content, salinity, etc. → 0025 % percent sign
	†	DAGGER = obelisk, long cross, oblong cross → 2E38 ‡ turned dagger DOUBLE DAGGER = diesis, double obelisk → 2E4B ‡ triple dagger BULLET	2030	‰	unctuation PER MILLE SIGN = permille, per thousand • used, for example, in measures of blood alcohol content, salinity, etc. → 0025 % percent sign → 0609 1 arabic-indic per mille sign
2021	†	DAGGER = obelisk, long cross, oblong cross → 2E38 ‡ turned dagger DOUBLE DAGGER = diesis, double obelisk → 2E4B ‡ triple dagger BULLET = black small circle		‰	unctuation PER MILLE SIGN = permille, per thousand • used, for example, in measures of blood alcohol content, salinity, etc. → 0025 % percent sign → 0609 ¼ arabic-indic per mille sign PER TEN THOUSAND SIGN
2021	†	DAGGER = obelisk, long cross, oblong cross → 2E38 ‡ turned dagger DOUBLE DAGGER = diesis, double obelisk → 2E4B ‡ triple dagger BULLET = black small circle → 00B7 · middle dot	2030	‰	unctuation PER MILLE SIGN = permille, per thousand • used, for example, in measures of blood alcohol content, salinity, etc. → 0025 % percent sign → 0609 ¼ arabic-indic per mille sign PER TEN THOUSAND SIGN = permyriad
2021	†	DAGGER = obelisk, long cross, oblong cross → 2E38 \(\pm \) turned dagger DOUBLE DAGGER = diesis, double obelisk → 2E4B \(\pm \) triple dagger BULLET = black small circle → 00B7 \(\pm \) middle dot → 2024 \(\pm \) one dot leader	2030	‰	unctuation PER MILLE SIGN = permille, per thousand • used, for example, in measures of blood alcohol content, salinity, etc. → 0025 % percent sign → 0609 ¼ arabic-indic per mille sign PER TEN THOUSAND SIGN = permyriad • percent of a percent, rarely used
2021	†	DAGGER = obelisk, long cross, oblong cross → 2E38 ‡ turned dagger DOUBLE DAGGER = diesis, double obelisk → 2E4B ‡ triple dagger BULLET = black small circle → 00B7 · middle dot → 2024 · one dot leader → 2219 • bullet operator	2030	‰	unctuation PER MILLE SIGN = permille, per thousand • used, for example, in measures of blood alcohol content, salinity, etc. → 0025 % percent sign → 0609 ¼ arabic-indic per mille sign PER TEN THOUSAND SIGN = permyriad • percent of a percent, rarely used → 0025 % percent sign
2021	†	DAGGER = obelisk, long cross, oblong cross → 2E38 ‡ turned dagger DOUBLE DAGGER = diesis, double obelisk → 2E4B ‡ triple dagger BULLET = black small circle → 00B7 · middle dot → 2024 . one dot leader → 2219 • bullet operator → 25D8 ☐ inverse bullet	2030	‰ ‱	unctuation PER MILLE SIGN = permille, per thousand • used, for example, in measures of blood alcohol content, salinity, etc. → 0025 % percent sign → 0609 ¼ arabic-indic per mille sign PER TEN THOUSAND SIGN = permyriad • percent of a percent, rarely used → 0025 % percent sign → 060A ¼ arabic-indic per ten thousand sign
2021	†	DAGGER = obelisk, long cross, oblong cross → 2E38 ‡ turned dagger DOUBLE DAGGER = diesis, double obelisk → 2E4B ‡ triple dagger BULLET = black small circle → 00B7 · middle dot → 2024 . one dot leader → 2219 • bullet operator → 25D8 □ inverse bullet → 25E6 • white bullet	2030	‰	unctuation PER MILLE SIGN = permille, per thousand • used, for example, in measures of blood alcohol content, salinity, etc. → 0025 % percent sign → 0609 ¼ arabic-indic per mille sign PER TEN THOUSAND SIGN = permyriad • percent of a percent, rarely used → 0025 % percent sign → 060A ¼ arabic-indic per ten thousand sign PRIME
2021	†	DAGGER = obelisk, long cross, oblong cross → 2E38 ‡ turned dagger DOUBLE DAGGER = diesis, double obelisk → 2E4B ‡ triple dagger BULLET = black small circle → 00B7 · middle dot → 2024 . one dot leader → 2219 • bullet operator → 25D8 □ inverse bullet TRIANGULAR BULLET	2030	‰ ‱	unctuation PER MILLE SIGN = permille, per thousand • used, for example, in measures of blood alcohol content, salinity, etc. → 0025 % percent sign → 0609 ¼ arabic-indic per mille sign PER TEN THOUSAND SIGN = permyriad • percent of a percent, rarely used → 0025 % percent sign → 060A ¼ arabic-indic per ten thousand sign PRIME = minutes, feet
2021	†	DAGGER = obelisk, long cross, oblong cross → 2E38 ‡ turned dagger DOUBLE DAGGER = diesis, double obelisk → 2E4B ‡ triple dagger BULLET = black small circle → 00B7 · middle dot → 2024 . one dot leader → 2219 • bullet operator → 25D8 □ inverse bullet TRIANGULAR BULLET → 220E ■ end of proof	2030	‰ ‱	unctuation PER MILLE SIGN = permille, per thousand • used, for example, in measures of blood alcohol content, salinity, etc. → 0025 % percent sign → 0609 ½, arabic-indic per mille sign PER TEN THOUSAND SIGN = permyriad • percent of a percent, rarely used → 0025 % percent sign → 060A ½, arabic-indic per ten thousand sign PRIME = minutes, feet → 0027 ' apostrophe
2021 2022 2023	†	DAGGER = obelisk, long cross, oblong cross → 2E38 ‡ turned dagger DOUBLE DAGGER = diesis, double obelisk → 2E4B ‡ triple dagger BULLET = black small circle → 00B7 · middle dot → 2024 . one dot leader → 2219 • bullet operator → 25D8 □ inverse bullet TRIANGULAR BULLET → 220E ■ end of proof → 25B8 • black right-pointing small triangle	2030	‰ ‱	unctuation PER MILLE SIGN = permille, per thousand • used, for example, in measures of blood alcohol content, salinity, etc. → 0025 % percent sign → 0609 ½, arabic-indic per mille sign PER TEN THOUSAND SIGN = permyriad • percent of a percent, rarely used → 0025 % percent sign → 060A ½, arabic-indic per ten thousand sign PRIME = minutes, feet → 0027 ' apostrophe → 0084 ' acute accent
2021	†	DAGGER = obelisk, long cross, oblong cross → 2E38 ‡ turned dagger DOUBLE DAGGER = diesis, double obelisk → 2E4B ‡ triple dagger BULLET = black small circle → 00B7 · middle dot → 2024 · one dot leader → 2219 • bullet operator → 25D8 □ inverse bullet TRIANGULAR BULLET → 220E ■ end of proof → 25B8 • black right-pointing small triangle ONE DOT LEADER	2031	‰ ‱	unctuation PER MILLE SIGN = permille, per thousand • used, for example, in measures of blood alcohol content, salinity, etc. → 0025 % percent sign → 0609 % arabic-indic per mille sign PER TEN THOUSAND SIGN = permyriad • percent of a percent, rarely used → 0025 % percent sign → 060A % arabic-indic per ten thousand sign PRIME = minutes, feet → 0027 ' apostrophe → 0084 ' acute accent → 0289 ' modifier letter prime
2021 2022 2023	†	DAGGER = obelisk, long cross, oblong cross → 2E38 ‡ turned dagger DOUBLE DAGGER = diesis, double obelisk → 2E4B ‡ triple dagger BULLET = black small circle → 00B7 · middle dot → 2024 · one dot leader → 2219 · bullet operator → 25D8 □ inverse bullet TRIANGULAR BULLET → 220E ■ end of proof → 25B8 · black right-pointing small triangle ONE DOT LEADER • also used as an Armenian semicolon (mijaket)	2030	‰ ‰	unctuation PER MILLE SIGN = permille, per thousand • used, for example, in measures of blood alcohol content, salinity, etc. → 0025 % percent sign → 0609 ½ arabic-indic per mille sign PER TEN THOUSAND SIGN = permyriad • percent of a percent, rarely used → 0025 % percent sign → 060A ½ arabic-indic per ten thousand sign PRIME = minutes, feet → 0027 ' apostrophe → 0084 ' acute accent → 0289 ' modifier letter prime DOUBLE PRIME
2021 2022 2023	†	DAGGER = obelisk, long cross, oblong cross → 2E38 ‡ turned dagger DOUBLE DAGGER = diesis, double obelisk → 2E4B ‡ triple dagger BULLET = black small circle → 00B7 · middle dot → 2024 · one dot leader → 2219 • bullet operator → 25D8 □ inverse bullet TRIANGULAR BULLET → 220E ■ end of proof → 25B8 • black right-pointing small triangle ONE DOT LEADER	2031	‰ ‰	unctuation PER MILLE SIGN = permille, per thousand • used, for example, in measures of blood alcohol content, salinity, etc. → 0025 % percent sign → 0609 ¼ arabic-indic per mille sign PER TEN THOUSAND SIGN = permyriad • percent of a percent, rarely used → 0025 % percent sign → 060A ¼ arabic-indic per ten thousand sign PRIME = minutes, feet → 0027 ' apostrophe → 0084 ' acute accent → 0289 ' modifier letter prime DOUBLE PRIME = seconds, inches
2021 2022 2023	†	DAGGER = obelisk, long cross, oblong cross → 2E38 ‡ turned dagger DOUBLE DAGGER = diesis, double obelisk → 2E4B ‡ triple dagger BULLET = black small circle → 00B7 · middle dot → 2024 · one dot leader → 2219 • bullet operator → 25D8 □ inverse bullet TRIANGULAR BULLET → 220E ■ end of proof → 25B8 • black right-pointing small triangle ONE DOT LEADER • also used as an Armenian semicolon (mijaket) → 00B7 · middle dot → 2022 • bullet	2031	‰ ‰	unctuation PER MILLE SIGN = permille, per thousand • used, for example, in measures of blood alcohol content, salinity, etc. → 0025 % percent sign → 0609 ¼ arabic-indic per mille sign PER TEN THOUSAND SIGN = permyriad • percent of a percent, rarely used → 0025 % percent sign → 060A ¼ arabic-indic per ten thousand sign PRIME = minutes, feet → 0027 ' apostrophe → 0084 ' acute accent → 0289 ' modifier letter prime DOUBLE PRIME = seconds, inches → 0022 " quotation mark
2021 2022 2023	†	DAGGER = obelisk, long cross, oblong cross → 2E38 ‡ turned dagger DOUBLE DAGGER = diesis, double obelisk → 2E4B ‡ triple dagger BULLET = black small circle → 00B7 · middle dot → 2024 · one dot leader → 2219 • bullet operator → 25D8 □ inverse bullet TRIANGULAR BULLET → 220E ■ end of proof → 25B8 • black right-pointing small triangle ONE DOT LEADER • also used as an Armenian semicolon (mijaket) → 00B7 · middle dot	2031	‰ ‰	unctuation PER MILLE SIGN = permille, per thousand • used, for example, in measures of blood alcohol content, salinity, etc. → 0025 % percent sign → 0609 ¼ arabic-indic per mille sign PER TEN THOUSAND SIGN = permyriad • percent of a percent, rarely used → 0025 % percent sign → 060A ¼ arabic-indic per ten thousand sign PRIME = minutes, feet → 0027 ' apostrophe → 0084 ' acute accent → 0289 ' modifier letter prime DOUBLE PRIME = seconds, inches → 0022 " quotation mark → 02BA " modifier letter double prime
2021 2022 2023	†	DAGGER = obelisk, long cross, oblong cross → 2E38 ‡ turned dagger DOUBLE DAGGER = diesis, double obelisk → 2E4B ‡ triple dagger BULLET = black small circle → 0087 · middle dot → 2024 · one dot leader → 2219 • bullet operator → 25D8 □ inverse bullet TRIANGULAR BULLET → 220E ■ end of proof → 25B8 • black right-pointing small triangle ONE DOT LEADER • also used as an Armenian semicolon (mijaket) → 0087 · middle dot → 2022 • bullet → 2219 • bullet operator	2031	‰ ‰	unctuation PER MILLE SIGN = permille, per thousand • used, for example, in measures of blood alcohol content, salinity, etc. → 0025 % percent sign → 0609 ¼ arabic-indic per mille sign PER TEN THOUSAND SIGN = permyriad • percent of a percent, rarely used → 0025 % percent sign → 060A ¼ arabic-indic per ten thousand sign PRIME = minutes, feet → 0027 'apostrophe → 0084 'acute accent → 0289 'modifier letter prime DOUBLE PRIME = seconds, inches → 0022 "quotation mark → 02BA "modifier letter double prime → 201D" right double quotation mark
2021 2022 2023 2024	†	DAGGER = obelisk, long cross, oblong cross → 2E38 ‡ turned dagger DOUBLE DAGGER = diesis, double obelisk → 2E4B ‡ triple dagger BULLET = black small circle → 0087 · middle dot → 2024 · one dot leader → 2219 • bullet operator → 25D8 □ inverse bullet TRIANGULAR BULLET → 220E ■ end of proof → 25B8 • black right-pointing small triangle ONE DOT LEADER • also used as an Armenian semicolon (mijaket) → 0087 · middle dot → 2022 • bullet → 2219 • bullet operator ≈ 002E · full stop	2031	‰ ‰	unctuation PER MILLE SIGN = permille, per thousand • used, for example, in measures of blood alcohol content, salinity, etc. → 0025 % percent sign → 0609 ¼ arabic-indic per mille sign PER TEN THOUSAND SIGN = permyriad • percent of a percent, rarely used → 0025 % percent sign → 060A ¼ arabic-indic per ten thousand sign PRIME = minutes, feet → 0027 ' apostrophe → 0084 ' acute accent → 0289 ' modifier letter prime DOUBLE PRIME = seconds, inches → 0022 " quotation mark → 02BA " modifier letter double prime
2021 2022 2023 2024	†	DAGGER = obelisk, long cross, oblong cross → 2E38 ‡ turned dagger DOUBLE DAGGER = diesis, double obelisk → 2E4B ‡ triple dagger BULLET = black small circle → 00B7 · middle dot → 2024 · one dot leader → 2219 • bullet operator → 25D8 □ inverse bullet TRIANGULAR BULLET → 220E ■ end of proof → 25B8 • black right-pointing small triangle ONE DOT LEADER • also used as an Armenian semicolon (mijaket) → 00B7 · middle dot → 2022 • bullet → 2219 • bullet operator ≈ 002E · full stop TWO DOT LEADER	2031	‰ ‰	unctuation PER MILLE SIGN = permille, per thousand • used, for example, in measures of blood alcohol content, salinity, etc. → 0025 % percent sign → 0609 ¼ arabic-indic per mille sign PER TEN THOUSAND SIGN = permyriad • percent of a percent, rarely used → 0025 % percent sign → 060A ¼ arabic-indic per ten thousand sign PRIME = minutes, feet → 0027 ' apostrophe → 0084 ' acute accent → 0289 ' modifier letter prime DOUBLE PRIME = seconds, inches → 0022 " quotation mark → 02BA " modifier letter double prime → 201D" right double quotation mark → 3003 " ditto mark
2021 2022 2023 2024	†	DAGGER = obelisk, long cross, oblong cross → 2E38 ‡ turned dagger DOUBLE DAGGER = diesis, double obelisk → 2E4B ‡ triple dagger BULLET = black small circle → 00B7 · middle dot → 2024 · one dot leader → 2219 • bullet operator → 25D8 □ inverse bullet TRIANGULAR BULLET → 220E ■ end of proof → 25B8 • black right-pointing small triangle ONE DOT LEADER • also used as an Armenian semicolon (mijaket) → 00B7 · middle dot → 2022 • bullet → 2219 • bullet operator ≈ 002E . full stop TWO DOT LEADER ≈ 002E . 002E .	2031	‰ ‰	unctuation PER MILLE SIGN = permille, per thousand • used, for example, in measures of blood alcohol content, salinity, etc. → 0025 % percent sign → 0609 ¼ arabic-indic per mille sign PER TEN THOUSAND SIGN = permyriad • percent of a percent, rarely used → 0025 % percent sign → 060A ¼ arabic-indic per ten thousand sign PRIME = minutes, feet → 0027 'apostrophe → 0084 'acute accent → 0289 'modifier letter prime DOUBLE PRIME = seconds, inches → 0022 "quotation mark → 02BA "modifier letter double prime → 201D" right double quotation mark → 3003 " ditto mark → 3001 double prime quotation mark
2021 2022 2023 2024	†	DAGGER = obelisk, long cross, oblong cross → 2E38 ‡ turned dagger DOUBLE DAGGER = diesis, double obelisk → 2E4B ‡ triple dagger BULLET = black small circle → 00B7 · middle dot → 2024 · one dot leader → 2219 • bullet operator → 25D8 □ inverse bullet TRIANGULAR BULLET → 220E ■ end of proof → 25B8 • black right-pointing small triangle ONE DOT LEADER • also used as an Armenian semicolon (mijaket) → 00B7 · middle dot → 2022 • bullet → 2219 • bullet operator ≈ 002E · full stop TWO DOT LEADER ≈ 002E · 002E . HORIZONTAL ELLIPSIS	2030203120322033	%oo	unctuation PER MILLE SIGN = permille, per thousand • used, for example, in measures of blood alcohol content, salinity, etc. → 0025 % percent sign → 0609 ¼ arabic-indic per mille sign PER TEN THOUSAND SIGN = permyriad • percent of a percent, rarely used → 0025 % percent sign → 060A ¼ arabic-indic per ten thousand sign PRIME = minutes, feet → 0027 'apostrophe → 0084 'acute accent → 0289 'modifier letter prime DOUBLE PRIME = seconds, inches → 0022 "quotation mark → 02BA "modifier letter double prime → 201D "right double quotation mark → 3003 "ditto mark → 3001 f double prime quotation mark ≈ 2032 ' 2032 '
2021 2022 2023 2024	†	DAGGER = obelisk, long cross, oblong cross → 2E38 ‡ turned dagger DOUBLE DAGGER = diesis, double obelisk → 2E4B ‡ triple dagger BULLET = black small circle → 0087 · middle dot → 2024 · one dot leader → 2219 · bullet operator → 25D8 □ inverse bullet TRIANGULAR BULLET → 220E ■ end of proof → 25B8 · black right-pointing small triangle ONE DOT LEADER • also used as an Armenian semicolon (mijaket) → 0087 · middle dot → 2022 • bullet → 2219 · bullet operator ≈ 002E · full stop TWO DOT LEADER ≈ 002E · 002E . HORIZONTAL ELLIPSIS = three dot leader → 22EE : vertical ellipsis → FE19 : presentation form for vertical	2030203120322033	%oo	unctuation PER MILLE SIGN = permille, per thousand • used, for example, in measures of blood alcohol content, salinity, etc. → 0025 % percent sign → 0609 ¼ arabic-indic per mille sign PER TEN THOUSAND SIGN = permyriad • percent of a percent, rarely used → 0025 % percent sign → 0604 ¼ arabic-indic per ten thousand sign PRIME = minutes, feet → 0027 ' apostrophe → 0084 ' acute accent → 0289 ' modifier letter prime DOUBLE PRIME = seconds, inches → 0022 " quotation mark → 02BA " modifier letter double prime → 201D" right double quotation mark → 3003 " ditto mark → 301E double prime quotation mark ≈ 2032 ' 2032 ' TRIPLE PRIME
2021 2022 2023 2024	†	DAGGER = obelisk, long cross, oblong cross → 2E38 ‡ turned dagger DOUBLE DAGGER = diesis, double obelisk → 2E4B ‡ triple dagger BULLET = black small circle → 0087 · middle dot → 2024 · one dot leader → 2219 · bullet operator → 25D8 □ inverse bullet TRIANGULAR BULLET → 220E ■ end of proof → 25B8 · black right-pointing small triangle ONE DOT LEADER • also used as an Armenian semicolon (mijaket) → 0087 · middle dot → 2022 • bullet → 2219 · bullet operator ≈ 002E · full stop TWO DOT LEADER ≈ 002E · 002E . HORIZONTAL ELLIPSIS = three dot leader → 22EE ∶ vertical ellipsis → FE19 ∶ presentation form for vertical horizontal ellipsis	2030203120322033	%oo	unctuation PER MILLE SIGN = permille, per thousand • used, for example, in measures of blood alcohol content, salinity, etc. → 0025 % percent sign → 0609 ½ arabic-indic per mille sign PER TEN THOUSAND SIGN = permyriad • percent of a percent, rarely used → 0025 % percent sign → 060A ½ arabic-indic per ten thousand sign PRIME = minutes, feet → 0027 'apostrophe → 0084 'acute accent → 0289 'modifier letter prime DOUBLE PRIME = seconds, inches → 0022 "quotation mark → 02BA "modifier letter double prime → 201D "right double quotation mark → 3003 "ditto mark → 3001 ditto mark → 301 double prime quotation mark ≈ 2032 '2032 'TRIPLE PRIME = lines (old measure, 1/12 of an inch) ≈ 2032 '2032 'REVERSED PRIME
2021 2022 2023 2024	†	DAGGER = obelisk, long cross, oblong cross → 2E38 ‡ turned dagger DOUBLE DAGGER = diesis, double obelisk → 2E4B ‡ triple dagger BULLET = black small circle → 0087 · middle dot → 2024 · one dot leader → 2219 · bullet operator → 25D8 □ inverse bullet TRIANGULAR BULLET → 220E ■ end of proof → 25B8 · black right-pointing small triangle ONE DOT LEADER • also used as an Armenian semicolon (mijaket) → 0087 · middle dot → 2022 • bullet → 2219 · bullet operator ≈ 002E · full stop TWO DOT LEADER ≈ 002E · 002E . HORIZONTAL ELLIPSIS = three dot leader → 22EE : vertical ellipsis → FE19 : presentation form for vertical	20302031203220332034	%oo	unctuation PER MILLE SIGN = permille, per thousand • used, for example, in measures of blood alcohol content, salinity, etc. → 0025 % percent sign → 0609 ¼ arabic-indic per mille sign PER TEN THOUSAND SIGN = permyriad • percent of a percent, rarely used → 0025 % percent sign → 060A ¼ arabic-indic per ten thousand sign PRIME = minutes, feet → 0027 'a postrophe → 0084 'acute accent → 0289 'modifier letter prime DOUBLE PRIME = seconds, inches → 0022 "quotation mark → 02BA "modifier letter double prime → 201D" right double quotation mark → 3003 " ditto mark → 3001 ditto mark → 301 double prime quotation mark ≈ 2032 '2032 'TRIPLE PRIME = lines (old measure, 1/12 of an inch) ≈ 2032 '2032 '2032 '

2036	"	REVERSED DOUBLE PRIME	Brack	ets	
		→ 301D * reversed double prime quotation	2045	F	LEFT SQUARE BRACKET WITH QUILL
		mark	2040	L	→ 2E20 left vertical bar with quill
		≈ 2035 ' 2035 '			→ 2E55 { left square bracket with stroke
2037	""	REVERSED TRIPLE PRIME	2046	1	RIGHT SQUARE BRACKET WITH QUILL
		≈ 2035 ' 2035 ' 2035 '		-	
2038	٨	CARET		-	unctuation for vertical text
		→ 2303 ^ up arrowhead	2047	??	DOUBLE QUESTION MARK
		→ A788 , modifier letter low circumflex accent	0040	OI.	≈ 003F? 003F?
Quota	atior	n marks	2048	?!	QUESTION EXCLAMATION MARK
2039	<	SINGLE LEFT-POINTING ANGLE QUOTATION	0040	10	≈ 003F ? 0021!
		MARK	2049	!?	EXCLAMATION QUESTION MARK
		= left pointing single guillemet			≈ 0021 ! 003F ?
		 usually opening, sometimes closing 	Gene	ral p	unctuation
		→ 003C < less-than sign	204A	٦	TIRONIAN SIGN ET
		→ 2329 〈 left-pointing angle bracket			• Irish Gaelic, Old English,
		→ 3008 〈 left angle bracket			\rightarrow 0026 & ampersand
203A	>	SINGLE RIGHT-POINTING ANGLE QUOTATION			ightarrow 2E52 $f J$ tironian sign capital et
		MARK			→ 1F670 🖅 script ligature et ornament
		= right pointing single guillemet	204B	P	REVERSED PILCROW SIGN
		• usually closing, sometimes opening			→ 00B6¶ pilcrow sign
		→ 003E > greater-than sign			$ ightarrow$ 2E4D $m{r}$ paragraphus mark
		→ 232A \right-pointing angle bracket → 3009 \right angle bracket	204C	■	BLACK LEFTWARDS BULLET
	_		204D	D	BLACK RIGHTWARDS BULLET
	ral p	unctuation	204E	*	LOW ASTERISK
203B	*	REFERENCE MARK			→ 002A * asterisk
		= Japanese kome	00.45		→ 0359 combining asterisk below
		= Urdu paragraph separator	204F	;	REVERSED SEMICOLON
		→ 0FBF * tibetan ku ru kha bzhi mig can → 200AD ※			 used occasionally in Sindhi when Sindhi is written in the Arabic script
					→ 003B; semicolon
	le pı	unctuation for vertical text			→ 061B carabic semicolon
203C	!!	DOUBLE EXCLAMATION MARK	2050	С	CLOSE UP
		→ 0021! exclamation mark			• editing mark
		≈ 0021 ! 0021 !			→ AB5B × modifier breve with inverted breve
Gene	ral p	unctuation	2051	*	TWO ASTERISKS ALIGNED VERTICALLY
203D	?	INTERROBANG	2052	%	COMMERCIAL MINUS SIGN
		→ 0021! exclamation mark			= abzüglich (German), med avdrag av (Swedish),
		→ 003F ? question mark			piska (Swedish, "whip")
		→ 2E18 ¿_inverted interrobang			 a common glyph variant and fallback representation looks like ./.
	_	→ 1F679 ? heavy interrobang ornament			• may also be used as a dingbat to indicate
203E	_	OVERLINE			correctness
		= spacing overscore			• used in Finno-Ugric Phonetic Alphabet to
0005		≈ 0020 sp 0305 ¯			indicate a related borrowed form with different
203F	$\overline{}$	UNDERTIE = Greek enotikon			sound
		\rightarrow 2323 \sim smile			→ 0025 % percent sign
2040	_	CHARACTER TIE			→ 066A ¼ arabic percent sign
2040		= z notation sequence concatenation			→ 00F7 ÷ division sign
		→ 2322 frown	2053	~	SWUNG DASH
2041	λ	CARET INSERTION POINT	0054		→ 007E ~ tilde
	^	• proofreader's mark: insert here	2054	_	INVERTED UNDERTIE
		→ 22CC × right semidirect product	2055	*	FLOWER PUNCTUATION MARK
2042	* **	ASTERISM			= phul, puspika• used as a punctuation mark with Syloti Nagri,
2043	***	HYPHEN BULLET			Bengali and other Indic scripts
-		→ 002D - hyphen-minus			→ 274B * heavy eight teardrop-spoked
2044	/	FRACTION SLASH			propeller asterisk
		= solidus (in typography)	Archa	ic n	unctuation
		 for composing arbitrary fractions 	2056		THREE DOT PUNCTUATION
		→ 002F / solidus	2000	••	→ 10FB: georgian paragraph separator
		2215 / division slock			/ TOLD . Georgial Palagraph Separator
		\rightarrow 2215 / division slash			

General punctuation

QUADRUPLE PRIME 2057

≈ 2032′2032′2032′2032′

Archaic punctuation

See also historic punctuation with multiple dots in the range 2E2A-2E2D.

2058 2059

FIVE DOT PUNCTUATION ∷

- = Greek pentonkion
- = quincunx
- → 2684
 die face-5

TWO DOT PUNCTUATION 205A

- historically used to indicate the end of a sentence or change of speaker
- extends from baseline to cap height
- → FE30 : presentation form for vertical two dot leader
- → 1015B: greek acrophonic epidaurean two

205B FOUR DOT MARK

- used by scribes in the margin as highlighter
- this is centered on the line, but extends beyond top and bottom of the line

205C DOTTED CROSS

 used by scribes in the margin as highlighter mark

205D **TRICOLON**

- = Epidaurean acrophonic symbol three
- → 22EE: vertical ellipsis → 2AF6 : triple colon operator
- → FE19: presentation form for vertical horizontal ellipsis

205E **VERTICAL FOUR DOTS**

- used in dictionaries to indicate legal but undesirable word break
- glyph extends the whole height of the line
- → 2E3D vertical six dots

Space

205F 附 MEDIUM MATHEMATICAL SPACE

- abbreviated MMSP
- four-eighteenths of an em
- ≈ 0020 sp space

Format character

2060 WJ WORD JOINER

- commonly abbreviated WJ
- a zero width non-breaking space (only)
- intended for disambiguation of functions for byte order mark
- → FEFF zero width no-break space

Invisible operators

$f_{()}$ **FUNCTION APPLICATION**

 contiguity operator indicating application of a function

2062 X **INVISIBLE TIMES**

contiguity operator indicating multiplication

2063 INVISIBLE SEPARATOR

= invisible comma

• contiguity operator indicating that adjacent mathemátical symbols form a list, e.g. when no visible comma is used between multiple indices

2064 + INVISIBLE PLUS

contiguity operator indicating addition

Format characters

- 2066 LEFT-TO-RIGHT ISOLATE
 - commonly abbreviated LRI
- **RIGHT-TO-LEFT ISOLATE** 2067
 - commonly abbreviated RLI
- 2068 FIRST STRONG ISOLATE
 - commonly abbreviated FSI
 - POP DIRECTIONAL ISOLATE PDI
 - commonly abbreviated PDI

Deprecated

2069

Use of these characters is strongly discouraged.

206A	S 8	INHIBIT SYMMETRIC SWAPPING
206B	A S 8	ACTIVATE SYMMETRIC SWAPPING
206C	I AFS	INHIBIT ARABIC FORM SHAPING
206D	A AFS	ACTIVATE ARABIC FORM SHAPING

NATIONAL DIGIT SHAPES 206E 206F

NOMINAL DIGIT SHAPES

Standardized Variation Sequences				
2018	6	LEFT SINGLE QUOTATION MARK		
	2018			
	6	non-fullwidth form		
	2018 FE00			
	6	right-justified fullwidth form		
	2018 FE01			
2019	•	RIGHT SINGLE QUOTATION MARK		
	2019			
	•	non-fullwidth form		
	2019 FE00			
	•	left-justified fullwidth form		
	2019 FE01			
201C	66	LEFT DOUBLE QUOTATION MARK		
	201C	ELI I DOODLE QOO IMMON MIMIN		
	66	non-fullwidth form		
	201C FE00	Tion faill and form		
	66	right-justified fullwidth form		
201D	201C FE01	RIGHT DOUBLE QUOTATION MARK		
		RIGHT DOUBLE QUOTATION WARK		
	201D 9 9	non-fullwidth form		
	201D FE00	non-ranwiath form		
	99	left-justified fullwidth form		
		,		
	201D FE01			