

DIGIT ZERO uni0030	0	0
DIGIT ONE uni0031	1	1
DIGIT TWO uni0032	2	2
DIGIT THREE uni0033	3	3
DIGIT FOUR uni0034	4	4
DIGIT FIVE uni0035	5	5
DIGIT SIX uni0036	6	6
DIGIT SEVEN uni0037	7	7
DIGIT EIGHT uni0038	8	8
DIGIT NINE uni0039	9	9
COLON uni003A	:	:
SEMICOLON uni003B	,	;
LESS-THAN SIGN uni003C	<	<
EQUALS SIGN uni003D	=	=
GREATER-THAN SIGN uni003E	>	>
QUESTION MARK uni003F	?	?
COMMERCIAL AT uni0040	(a)	@
LATIN CAPITAL LETTER A uni0041	А	A
LATIN CAPITAL LETTER B uni0042	В	В
LATIN CAPITAL LETTER C uni0043	С	C
LATIN CAPITAL LETTER D uni0044	D	D
LATIN CAPITAL LETTER E uni0045	Е	9
LATIN CAPITAL LETTER F	F	F
uni0046		
LATIN CAPITAL LETTER G uni0047	G	G
LATIN CAPITAL LETTER H uni0048	Н	H
LATIN CAPITAL LETTER I uni0049		I
LATIN CAPITAL LETTER J uni004A	J	J

LATIN CAPITAL LETTER K uni004B	K	K
LATIN CAPITAL LETTER L uni004C	L	L
LATIN CAPITAL LETTER M uni004D	M	m
LATIN CAPITAL LETTER N uni004E	Ν	N
LATIN CAPITAL LETTER O uni004F	0	0
LATIN CAPITAL LETTER P uni0050	Р	p
LATIN CAPITAL LETTER Q uni0051	Q	Q
LATIN CAPITAL LETTER R uni0052	R	R
LATIN CAPITAL LETTER S uni0053	S	S
LATIN CAPITAL LETTER T uni0054	Т	T
LATIN CAPITAL LETTER U uni0055	U	U
LATIN CAPITAL LETTER V uni0056	\vee	V
LATIN CAPITAL LETTER W uni0057	W	W
LATIN CAPITAL LETTER X uni0058	X	X
LATIN CAPITAL LETTER Y uni0059	Y	y
LATIN CAPITAL LETTER Z uni005A	Z	Z
LEFT SQUARE BRACKET uni005B	[{
REVERSE SOLIDUS uni005C	\	\
RIGHT SQUARE BRACKET uni005D]]
CIRCUMFLEX ACCENT uni005E	^	٨
LOW LINE uni005F	_	
GRAVE ACCENT uni0060	`	`
LATIN SMALL LETTER A uni0061	а	a
LATIN SMALL LETTER B uni0062	b	b
LATIN SMALL LETTER C uni0063	С	C
LATIN SMALL LETTER D uni0064	d	d
LATIN SMALL LETTER E uni0065	е	6
LATIN SMALL LETTER F uni0066	f	f

g	g	LATIN SMALL LETTER G uni0067
h	h	LATIN SMALL LETTER H uni0068
i	i	LATIN SMALL LETTER I uni0069
j	j	LATIN SMALL LETTER J uni006A
k	k	LATIN SMALL LETTER K uni006B
i		LATIN SMALL LETTER L uni006C
m	m	LATIN SMALL LETTER M uni006D
n	n	LATIN SMALL LETTER N uni006E
0	0	LATIN SMALL LETTER O uni006F
þ	р	LATIN SMALL LETTER P uni0070
q	q	LATIN SMALL LETTER Q uni0071
þ	r	LATIN SMALL LETTER R uni0072
S	S	LATIN SMALL LETTER S uni0073
t	t	LATIN SMALL LETTER T uni0074
ú	U	LATIN SMALL LETTER U uni0075
٧	V	LATIN SMALL LETTER V uni0076
W	W	LATIN SMALL LETTER W uni0077
X	X	LATIN SMALL LETTER X uni0078
y	У	LATIN SMALL LETTER Y uni0079
2	Z	LATIN SMALL LETTER Z uni007A
{	{	LEFT CURLY BRACKET uni007B
1		VERTICAL LINE uni007C
}	}	RIGHT CURLY BRACKET uni007D
~	~	TILDE uni007E
		NO-BREAK SPACE uni00A0
i	i	INVERTED EXCLAMATION MARK uni00A1
¢	¢	CENT SIGN uni00A2

POUND SIGN

uni00A3	£	£
CURRENCY SIGN uni00A4	¤	Ħ
YEN SIGN uni00A5	¥	¥
BROKEN BAR uni00A6	I	1
SECTION SIGN uni00A7	§	8
DIAERESIS uni00A8		••
COPYRIGHT SIGN uni00A9	0	Ø
FEMININE ORDINAL INDICATOR uni00AA	<u>a</u>	а
LEFT-POINTING DOUBLE ANGLE QUOTATION MARK uni00AB	«	«
NOT SIGN uni00AC	_	7
SOFT HYPHEN uni00AD		
REGISTERED SIGN uni00AE	R	®
MACRON uni00AF	_	~
DEGREE SIGN uni00B0	0	0
		9
SUPERSCRIPT TWO uni00B2	2	2
SUPERSCRIPT THREE uni00B3	3	3/4
ACUTE ACCENT uni00B4	/	
MICRO SIGN uni00B5	μ	μ
PILCROW SIGN uni00B6	1	q
MIDDLE DOT uni00B7		•
CEDILLA uni00B8	٦	5
SUPERSCRIPT ONE uni00B9	1	1
MASCULINE ORDINAL INDICATOR uni00BA	0	0
RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK uni00BB	>>	»
VULGAR FRACTION ONE QUARTER uni00BC	1/4	1/4
VULGAR FRACTION ONE HALF uni00BD	1/2	1/2
VULGAR FRACTION THREE QUARTERS uni00BE	3/4	3

INVERTED QUESTION MARK	غ	Ġ
dilloobr	`	
LATIN CAPITAL LETTER A WITH GRAVE uni00C0	A	À
LATIN CAPITAL LETTER A WITH ACUTE uni00C1	Á	Á
LATIN CAPITAL LETTER A WITH CIRCUMFLEX uni00C2	Â	Â
LATIN CAPITAL LETTER A WITH TILDE uni00C3	Ã	Ã
LATIN CAPITAL LETTER A WITH DIAERESIS uni00C4	Ä	Ä
LATIN CAPITAL LETTER A WITH RING ABOVE uni00C5	Å	Å
LATIN CAPITAL LETTER AE uni00C6	Æ	Æ
LATIN CAPITAL LETTER C WITH CEDILLA uni00C7	Ç	Ç
LATIN CAPITAL LETTER E WITH GRAVE uni00C8	È	è
LATIN CAPITAL LETTER E WITH ACUTE uni00C9	É	é
LATIN CAPITAL LETTER E WITH CIRCUMFLEX uni00CA	Ê	ê
LATIN CAPITAL LETTER E WITH DIAERESIS uni00CB	Ë	ë
LATIN CAPITAL LETTER I WITH GRAVE uni00CC	Ì	Ì
LATIN CAPITAL LETTER I WITH ACUTE uni00CD	ĺ	Í
LATIN CAPITAL LETTER I WITH CIRCUMFLEX uni00CE	Î	Î
LATIN CAPITAL LETTER I WITH DIAERESIS uni00CF	Ϊ	Ï
LATIN CAPITAL LETTER ETH uni00D0	Đ	Ð
LATIN CAPITAL LETTER N WITH TILDE uni00D1	Ñ	Ñ
LATIN CAPITAL LETTER O WITH GRAVE uni00D2	Ò	Ò
LATIN CAPITAL LETTER O WITH ACUTE uni00D3	Ó	Ó
LATIN CAPITAL LETTER O WITH CIRCUMFLEX uni00D4	Ô	Ô
LATIN CAPITAL LETTER O WITH TILDE uni00D5	Õ	Õ
LATIN CAPITAL LETTER O WITH DIAERESIS uni00D6	Ö	Ö
MULTIPLICATION SIGN uni00D7	X	×
LATIN CAPITAL LETTER O WITH STROKE uni00D8	Ø	Ø
LATIN CAPITAL LETTER U WITH GRAVE uni00D9	Ù	Ù

LATIN CAPITAL LETTER U WITH ACUTE

uni00DA	Ú	Ú
LATIN CAPITAL LETTER U WITH CIRCUMFLEX uni00DB	Û	Û
LATIN CAPITAL LETTER U WITH DIAERESIS uni00DC	Ü	Ü
LATIN CAPITAL LETTER Y WITH ACUTE uni00DD	Ý	ý
LATIN CAPITAL LETTER THORN uni00DE	Þ	Þ
LATIN SMALL LETTER SHARP S uni00DF	ß	ß
LATIN SMALL LETTER A WITH GRAVE uni00E0	à	à
LATIN SMALL LETTER A WITH ACUTE uni00E1	á	á
LATIN SMALL LETTER A WITH CIRCUMFLEX uni00E2	â	â
LATIN SMALL LETTER A WITH TILDE uni00E3	ã	ã
LATIN SMALL LETTER A WITH DIAERESIS uni00E4	ä	ä
LATIN SMALL LETTER A WITH RING ABOVE uni00E5	å	â
LATIN SMALL LETTER AE uni00E6	æ	æ
LATIN SMALL LETTER C WITH CEDILLA uni00E7	Ç	Ç
LATIN SMALL LETTER E WITH GRAVE uni00E8	è	è
LATIN SMALL LETTER E WITH ACUTE uni00E9	é	é
LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA	ê	ê
LATIN SMALL LETTER E WITH DIAERESIS uni00EB	ë	ë
LATIN SMALL LETTER I WITH GRAVE uni00EC	Ì	ì
LATIN SMALL LETTER I WITH ACUTE uni00ED	ĺ	í
LATIN SMALL LETTER I WITH CIRCUMFLEX uni00EE	Î	î
LATIN SMALL LETTER I WITH DIAERESIS uni00EF	Ϊ	ï
LATIN SMALL LETTER ETH uni00F0	ð	ð
LATIN SMALL LETTER N WITH TILDE uni00F1	ñ	ñ
LATIN SMALL LETTER O WITH GRAVE uni00F2	Ò	ò
LATIN SMALL LETTER O WITH ACUTE uni00F3	Ó	ó
LATIN SMALL LETTER O WITH CIRCUMFLEX uni00F4	ô	ô
LATIN SMALL LETTER O WITH TILDE uni00F5	Õ	õ

LATIN SMALL LETTER O WITH DIAERESIS		*
uni00F6	0	Ö
	-	÷
DIVISION SIGN uni00F7		
LATIN SMALL LETTER O WITH STROKE uni00F8	Ø	Ø
LATIN SMALL LETTER U WITH GRAVE uni00F9	ù	ù
LATIN SMALL LETTER U WITH ACUTE uni00FA	Ú	ú
LATIN SMALL LETTER U WITH CIRCUMFLEX uni00FB	û	û
LATIN SMALL LETTER U WITH DIAERESIS uni00FC	ü	ü
LATIN SMALL LETTER Y WITH ACUTE uni00FD	ý	ý
LATIN SMALL LETTER THORN uni00FE	þ	þ
LATIN SMALL LETTER Y WITH DIAERESIS uni00FF	ÿ	ÿ
LATIN SMALL LETTER DOTLESS I uni0131	I	1
LATIN CAPITAL LETTER L WITH STROKE uni0141	Ł	Ł
LATIN SMALL LETTER L WITH STROKE uni0142	ł	ł
LATIN CAPITAL LIGATURE OE uni0152	Œ	Œ
LATIN SMALL LIGATURE OE uni0153	œ	œ
LATIN CAPITAL LETTER S WITH CARON uni0160	Š	Š
LATIN SMALL LETTER S WITH CARON uni0161	Š	š
LATIN CAPITAL LETTER Y WITH DIAERESIS uni0178	Ÿ	ÿ
LATIN CAPITAL LETTER Z WITH CARON uni017D	Ž	Ž
LATIN SMALL LETTER Z WITH CARON uni017E	ž	ž
MODIFIER LETTER CIRCUMFLEX ACCENT uni02C6	^	^
	V	
CARON uni02C7		•
BREVE uni02D8)	•
DOT ABOVE uni02D9		•
RING ABOVE uni02DA	0	0
OGONEK uni02DB	L	L

SMALL TILDE uni02DC	~	~
DOUBLE ACUTE ACCENT uni02DD	//	"
	_	-
EN DASH uni2013		
EM DASH uni2014	—	
LEFT SINGLE QUOTATION MARK uni2018	4	6
RIGHT SINGLE QUOTATION MARK uni2019	7	,
SINGLE LOW-9 QUOTATION MARK uni201A	,	,
LEFT DOUBLE QUOTATION MARK uni201C	11	66
RIGHT DOUBLE QUOTATION MARK uni201D	"	"
DOUBLE LOW-9 QUOTATION MARK uni201E	"	"
BULLET uni2022	•	•
HORIZONTAL ELLIPSIS uni2026		•••
PER MILLE SIGN uni2030	%0	‰
SINGLE LEFT-POINTING ANGLE QUOTATION MARK uni2039	<	<
SINGLE RIGHT-POINTING ANGLE QUOTATION MARK uni203A	>	>
FRACTION SLASH uni2044	/	/
EURO SIGN uni20AC	€	€
MINUS SIGN uni2212	_	-
LATIN SMALL LIGATURE FI uniFB01	fi	fi
LATIN SMALL LIGATURE FL uniFB02	fl	Ð













