

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)	а
LATIN CAPITAL LETTER A uni0041	А	A
LATIN CAPITAL LETTER B uni0042	В	В
LATIN CAPITAL LETTER C uni0043	С	С
LATIN CAPITAL LETTER D uni0044	D	D
LATIN CAPITAL LETTER E uni0045	Е	E
LATIN CAPITAL LETTER F	F	F
uni0046 LATIN CAPITAL LETTER G	G	G
uni0047 LATIN CAPITAL LETTER H	Н	Н
uni0048 LATIN CAPITAL LETTER I		1
uni0049 LATIN CAPITAL LETTER J	J	J
uni004A		

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

g g	LATIN SMALL LETTER G uni0067
h h	LATIN SMALL LETTER H uni0068
i j	LATIN SMALL LETTER I uni0069
j j	LATIN SMALL LETTER J uni006A
k k	LATIN SMALL LETTER K uni006B
	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
рр	LATIN SMALL LETTER P uni0070
q q	LATIN SMALL LETTER Q uni0071
r	LATIN SMALL LETTER R uni0072
SS	LATIN SMALL LETTER S uni0073
t t	LATIN SMALL LETTER T uni0074
uU	LATIN SMALL LETTER U uni0075
VV	LATIN SMALL LETTER V uni0076
ww	LATIN SMALL LETTER W uni0077
XX	LATIN SMALL LETTER X uni0078
у у	LATIN SMALL LETTER Y uni0079
ZZ	LATIN SMALL LETTER Z uni007A
{ {	LEFT CURLY BRACKET uni007B
	VERTICAL LINE uni007C
} }	RIGHT CURLY BRACKET uni007D
~ ~	TILDE uni007E
	NO-BREAK SPACE uni00A0
i	INVERTED EXCLAMATION MARK uni00A1
¢¢	CENT SIGN uni00A2

POUND SIGN

uni00A3	£	£
CURRENCY SIGN uni00A4	¤	
YEN SIGN uni00A5	¥	¥
BROKEN BAR uni00A6	I	1
SECTION SIGN uni00A7	§	Ş
DIAERESIS uni00A8		••
COPYRIGHT SIGN uni00A9	©	©
FEMININE ORDINAL INDICATOR uni00AA	<u>a</u>	<u>a</u>
LEFT-POINTING DOUBLE ANGLE QUOTATION MARK uni00AB	<<	«
NOT SIGN uni00AC	¬	7
SOFT HYPHEN uni00AD		
REGISTERED SIGN uni00AE	R	R
MACRON uni00AF	-	_
DEGREE SIGN uni00B0	0	0
PLUS-MINUS SIGN uni00B1	±	±
SUPERSCRIPT TWO uni00B2	2	2
SUPERSCRIPT THREE uni00B3	3	3
ACUTE ACCENT uni00B4	,	,
MICRO SIGN uni00B5	μ	h
PILCROW SIGN uni00B6	1	9
MIDDLE DOT uni00B7		•
CEDILLA uni00B8	٦	,
SUPERSCRIPT ONE uni00B9	1	1
MASCULINE ORDINAL INDICATOR uni00BA	0	<u>o</u>
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

	3/4	3/4
VULGAR FRACTION THREE QUARTERS uni00BE		
INVERTED QUESTION MARK uni00BF	خ	خ
LATIN CAPITAL LETTER A WITH GRAVE uni00C0	À	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	ĺ
LATIN CAPITAL LETTER I WITH CIRCUMFLEX uni00CE	Î	Î
LATIN CAPITAL LETTER I WITH DIAERESIS uni00CF	Ϊ	Ϊ
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	×	×
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	å
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
	ë	ë
uni00EB LATIN SMALL LETTER I WITH GRAVE	,	ì
uni00EB LATIN SMALL LETTER I WITH GRAVE uni00EC LATIN SMALL LETTER I WITH ACUTE	,	ì
uni00EB LATIN SMALL LETTER I WITH GRAVE uni00EC LATIN SMALL LETTER I WITH ACUTE uni00ED LATIN SMALL LETTER I WITH CIRCUMFLEX	ì	ì
uni00EB LATIN SMALL LETTER I WITH GRAVE uni00EC LATIN SMALL LETTER I WITH ACUTE uni00ED LATIN SMALL LETTER I WITH CIRCUMFLEX uni00EE LATIN SMALL LETTER I WITH DIAERESIS	ì í	ì í î
UNIOUEB LATIN SMALL LETTER I WITH GRAVE UNIOUEC LATIN SMALL LETTER I WITH ACUTE UNIOUED LATIN SMALL LETTER I WITH CIRCUMFLEX UNIOUEE LATIN SMALL LETTER I WITH DIAERESIS UNIOUEF LATIN SMALL LETTER ETH	ì í í	ì í í ï
UNIOUEB LATIN SMALL LETTER I WITH GRAVE UNIOUEC LATIN SMALL LETTER I WITH ACUTE UNIOUED LATIN SMALL LETTER I WITH CIRCUMFLEX UNIOUEE LATIN SMALL LETTER I WITH DIAERESIS UNIOUEF LATIN SMALL LETTER ETH UNIOUFO LATIN SMALL LETTER N WITH TILDE	ì í í í ð	ì í í í ð
UNIOUEB LATIN SMALL LETTER I WITH GRAVE UNIOUEC LATIN SMALL LETTER I WITH ACUTE UNIOUED LATIN SMALL LETTER I WITH CIRCUMFLEX UNIOUEE LATIN SMALL LETTER I WITH DIAERESIS UNIOUEF LATIN SMALL LETTER ETH UNIOUFO LATIN SMALL LETTER N WITH TILDE UNIOUF1 LATIN SMALL LETTER O WITH GRAVE	ì í í î ř ř ř	ì í í í ñ

LATIN SMALL LETTER O WITH TILDE uni00F5	õ	õ
	Ö	ö
LATIN SMALL LETTER O WITH DIAERESIS uni00F6		
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 CAPITAL LETTER A WITH MACRON uni0100	Ā	Ã
LATIN SMALL LETTER A WITH MACRON uni0101	ā	ā
LATIN CAPITAL LETTER A WITH BREVE uni0102	Ă	Ă
LATIN SMALL LETTER A WITH BREVE uni0103	ă	ă
LATIN CAPITAL LETTER A WITH OGONEK uni0104	Ą	Ą
LATIN SMALL LETTER A WITH OGONEK uni0105	ą	ą
LATIN CAPITAL LETTER C WITH ACUTE uni0106	Ć	Ć
LATIN SMALL LETTER C WITH ACUTE uni0107	Ć	Ć
LATIN CAPITAL LETTER C WITH CIRCUMFLEX uni0108	Ĉ	Ĉ
LATIN SMALL LETTER C WITH CIRCUMFLEX uni0109	Ĉ	Ĉ
LATIN CAPITAL LETTER C WITH DOT ABOVE	Ċ	Ċ
uni010A LATIN SMALL LETTER C WITH DOT ABOVE	ċ	Ċ
uni010B LATIN CAPITAL LETTER C WITH CARON	Č	Č
uni010C LATIN SMALL LETTER C WITH CARON	č	č
uni010D LATIN CAPITAL LETTER D WITH CARON	Ď	ň
uni010E		J

LATIN CAPITAL LETTER D WITH STROKE UniO110 LATIN SMALL LETTER E WITH MACRON UniO1112 LATIN CAPITAL LETTER E WITH MACRON UniO112 LATIN CAPITAL LETTER E WITH BREVE UniO114 LATIN SMALL LETTER E WITH DOT ABOVE UniO115 LATIN CAPITAL LETTER E WITH OGONEK UniO117 LATIN CAPITAL LETTER E WITH OGONEK UniO118 LATIN SMALL LETTER E WITH OGONEK UniO118 LATIN SMALL LETTER E WITH CARON UniO11A LATIN CAPITAL LETTER E WITH CARON UniO11A LATIN SMALL LETTER E WITH CARON UniO11A LATIN SMALL LETTER E WITH CARON UniO11B LATIN CAPITAL LETTER G WITH CIRCUMFLEX UniO11C LATIN SMALL LETTER G WITH CIRCUMFLEX UniO11C LATIN SMALL LETTER G WITH CIRCUMFLEX UniO11C LATIN SMALL LETTER G WITH BREVE UniO11E LATIN SMALL LETTER G WITH BREVE UniO11E LATIN SMALL LETTER G WITH BREVE UniO11E LATIN SMALL LETTER G WITH DOT ABOVE UNIO120 LATIN SMALL LETTER G WITH CEDILLA UNIO121 LATIN SMALL LETTER G WITH CEDILLA UNIO122 LATIN SMALL LETTER G WITH CEDILLA UNIO123 LATIN SMALL LETTER G WITH CEDILLA UNIO124 LATIN SMALL LETTER G WITH CEDILLA UNIO123 LATIN SMALL LETTER G WITH CEDILLA UNIO124 LATIN SMALL LETTER G WITH CEDILLA UNIO124 LATIN SMALL LETTER G WITH CEDILLA UNIO124 LATIN SMALL LETTER G WITH CEDILLA UNIO124
LATIN SMALL LETTER D WITH STROKE uniol111 LATIN CAPITAL LETTER E WITH MACRON uniol112 LATIN SMALL LETTER E WITH MACRON uniol113 LATIN CAPITAL LETTER E WITH BREVE uniol114 LATIN SMALL LETTER E WITH BREVE uniol115 LATIN CAPITAL LETTER E WITH DOT ABOVE uniol117 LATIN SMALL LETTER E WITH OGONEK uniol118 LATIN SMALL LETTER E WITH OGONEK uniol118 LATIN CAPITAL LETTER E WITH CARON uniol118 LATIN SMALL LETTER E WITH CARON uniol118 LATIN SMALL LETTER E WITH CARON uniol118 LATIN CAPITAL LETTER G WITH CIRCUMFLEX uniol110 LATIN CAPITAL LETTER G WITH CIRCUMFLEX uniol110 LATIN SMALL LETTER G WITH BREVE uniol111 LATIN SMALL LETTER G WITH BREVE uniol112 LATIN SMALL LETTER G WITH BREVE uniol115 LATIN CAPITAL LETTER G WITH BREVE uniol116 LATIN SMALL LETTER G WITH BREVE uniol117 LATIN CAPITAL LETTER G WITH DOT ABOVE uniol20 LATIN SMALL LETTER G WITH CEDILLA uniol22 LATIN SMALL LETTER G WITH CEDILLA uniol22 LATIN SMALL LETTER G WITH CEDILLA uniol23 LATIN CAPITAL LETTER H WITH CIRCUMFLEX Ĥ Ĥ
LATIN CAPITAL LETTER E WITH MACRON UNIO112 LATIN SMALL LETTER E WITH BREVE UNIO114 LATIN SMALL LETTER E WITH BREVE UNIO115 LATIN SMALL LETTER E WITH DOT ABOVE UNIO116 LATIN SMALL LETTER E WITH DOT ABOVE UNIO117 LATIN CAPITAL LETTER E WITH OGONEK UNIO118 LATIN SMALL LETTER E WITH OGONEK UNIO119 LATIN CAPITAL LETTER E WITH CARON UNIO11A LATIN SMALL LETTER E WITH CARON UNIO11B LATIN SMALL LETTER E WITH CRUMFLEX UNIO11C LATIN SMALL LETTER G WITH CIRCUMFLEX UNIO11D LATIN CAPITAL LETTER G WITH CIRCUMFLEX UNIO11C LATIN SMALL LETTER G WITH BREVE UNIO11E LATIN CAPITAL LETTER G WITH DOT ABOVE UNIO120 LATIN SMALL LETTER G WITH CEDILLA UNIO121 LATIN CAPITAL LETTER G WITH CEDILLA UNIO122 LATIN SMALL LETTER G WITH CEDILLA UNIO123 LATIN SMALL LETTER G WITH CEDILLA UNIO123 LATIN SMALL LETTER G WITH CEDILLA UNIO123 LATIN CAPITAL LETTER H WITH CIRCUMFLEX
LATIN SMALL LETTER E WITH MACRON uniol13 LATIN CAPITAL LETTER E WITH BREVE uniol14 LATIN SMALL LETTER E WITH BREVE uniol15 LATIN CAPITAL LETTER E WITH DOT ABOVE uniol16 LATIN SMALL LETTER E WITH DOT ABOVE uniol17 LATIN CAPITAL LETTER E WITH OGONEK uniol18 LATIN SMALL LETTER E WITH OGONEK uniol19 LATIN CAPITAL LETTER E WITH CARON uniol11A LATIN SMALL LETTER E WITH CARON uniol11B LATIN CAPITAL LETTER E WITH CIRCUMFLEX uniol11C LATIN SMALL LETTER G WITH CIRCUMFLEX uniol11D LATIN CAPITAL LETTER G WITH BREVE uniol11E LATIN SMALL LETTER G WITH BREVE uniol11E LATIN CAPITAL LETTER G WITH DOT ABOVE uniol20 LATIN CAPITAL LETTER G WITH DOT ABOVE uniol20 LATIN SMALL LETTER G WITH CEDILLA uniol22 LATIN SMALL LETTER G WITH CEDILLA uniol23 LATIN SMALL LETTER G WITH CEDILLA uniol23 LATIN CAPITAL LETTER H WITH CIRCUMFLEX Â Â LATIN CAPITAL LETTER G WITH CEDILLA uniol23
LATIN CAPITAL LETTER E WITH BREVE UNIO114 LATIN SMALL LETTER E WITH BREVE UNIO115 LATIN CAPITAL LETTER E WITH DOT ABOVE UNIO116 LATIN SMALL LETTER E WITH DOT ABOVE UNIO117 LATIN CAPITAL LETTER E WITH OGONEK UNIO118 LATIN SMALL LETTER E WITH OGONEK UNIO119 LATIN CAPITAL LETTER E WITH CARON UNIO11A LATIN SMALL LETTER E WITH CARON UNIO11B LATIN CAPITAL LETTER E WITH CARON UNIO11C LATIN SMALL LETTER G WITH CIRCUMFLEX UNIO11C LATIN SMALL LETTER G WITH CIRCUMFLEX UNIO11C LATIN CAPITAL LETTER G WITH BREVE UNIO11E LATIN CAPITAL LETTER G WITH BREVE UNIO11E LATIN CAPITAL LETTER G WITH DOT ABOVE UNIO120 LATIN CAPITAL LETTER G WITH DOT ABOVE UNIO121 LATIN CAPITAL LETTER G WITH DOT ABOVE UNIO122 LATIN SMALL LETTER G WITH CEDILLA UNIO123 LATIN SMALL LETTER G WITH CEDILLA UNIO123 LATIN SMALL LETTER G WITH CEDILLA UNIO123 LATIN CAPITAL LETTER H WITH CIRCUMFLEX Â Â LATIN CAPITAL LETTER H WITH CIRCUMFLEX
LATIN SMALL LETTER E WITH DOT ABOVE UNIO115 LATIN CAPITAL LETTER E WITH DOT ABOVE UNIO116 LATIN SMALL LETTER E WITH OGONEK UNIO117 LATIN CAPITAL LETTER E WITH OGONEK UNIO118 LATIN SMALL LETTER E WITH CARON UNIO119 LATIN CAPITAL LETTER E WITH CARON UNIO11A LATIN SMALL LETTER E WITH CARON UNIO11B LATIN SMALL LETTER E WITH CARON UNIO11C LATIN SMALL LETTER G WITH CIRCUMFLEX UNIO11C LATIN SMALL LETTER G WITH CIRCUMFLEX UNIO11C LATIN SMALL LETTER G WITH BREVE UNIO11E LATIN SMALL LETTER G WITH BREVE UNIO11E LATIN CAPITAL LETTER G WITH DOT ABOVE UNIO120 LATIN SMALL LETTER G WITH DOT ABOVE UNIO121 LATIN CAPITAL LETTER G WITH CEDILLA UNIO122 LATIN SMALL LETTER G WITH CEDILLA UNIO123
LATIN CAPITAL LETTER E WITH DOT ABOVE UNIO116 LATIN SMALL LETTER E WITH DOT ABOVE UNIO117 LATIN CAPITAL LETTER E WITH OGONEK UNIO118 LATIN SMALL LETTER E WITH OGONEK UNIO119 LATIN CAPITAL LETTER E WITH CARON UNIO11A LATIN SMALL LETTER E WITH CARON UNIO11B LATIN CAPITAL LETTER G WITH CIRCUMFLEX UNIO11C LATIN SMALL LETTER G WITH CIRCUMFLEX UNIO11D LATIN CAPITAL LETTER G WITH BREVE UNIO11E LATIN SMALL LETTER G WITH BREVE UNIO11F LATIN CAPITAL LETTER G WITH DOT ABOVE UNIO120 LATIN SMALL LETTER G WITH DOT ABOVE UNIO121 LATIN CAPITAL LETTER G WITH CEDILLA UNIO122 LATIN SMALL LETTER G WITH CEDILLA UNIO123 LATIN SMALL LETTER G WITH CEDILLA UNIO123 LATIN SMALL LETTER G WITH CEDILLA UNIO123 LATIN CAPITAL LETTER G WITH CEDILLA UNIO123
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LATIN CAPITAL LETTER E WITH OGONEK UNIO118 LATIN SMALL LETTER E WITH CARON UNIO11A LATIN SMALL LETTER E WITH CARON UNIO11B LATIN SMALL LETTER E WITH CARON UNIO11B LATIN CAPITAL LETTER G WITH CIRCUMFLEX UNIO11C LATIN SMALL LETTER G WITH CIRCUMFLEX UNIO11D LATIN CAPITAL LETTER G WITH BREVE UNIO11E LATIN SMALL LETTER G WITH BREVE UNIO11F LATIN CAPITAL LETTER G WITH DOT ABOVE UNIO12O LATIN SMALL LETTER G WITH DOT ABOVE UNIO121 LATIN CAPITAL LETTER G WITH CEDILLA UNIO122 LATIN SMALL LETTER G WITH CEDILLA UNIO123 LATIN SMALL LETTER G WITH CEDILLA UNIO123 LATIN SMALL LETTER G WITH CEDILLA UNIO123 LATIN CAPITAL LETTER H WITH CIRCUMFLEX Â
LATIN SMALL LETTER E WITH OGONEK UNIO119 LATIN CAPITAL LETTER E WITH CARON UNIO11A LATIN SMALL LETTER E WITH CARON UNIO11B LATIN CAPITAL LETTER G WITH CIRCUMFLEX UNIO11C LATIN SMALL LETTER G WITH CIRCUMFLEX UNIO11D LATIN CAPITAL LETTER G WITH BREVE UNIO11E LATIN SMALL LETTER G WITH BREVE UNIO11F LATIN CAPITAL LETTER G WITH DOT ABOVE UNIO120 LATIN SMALL LETTER G WITH DOT ABOVE UNIO121 LATIN CAPITAL LETTER G WITH CEDILLA UNIO122 LATIN SMALL LETTER G WITH CEDILLA UNIO123 LATIN SMALL LETTER G WITH CEDILLA UNIO123 LATIN CAPITAL LETTER G WITH CEDILLA UNIO123 LATIN CAPITAL LETTER G WITH CEDILLA UNIO123 LATIN CAPITAL LETTER H WITH CIRCUMFLEX
LATIN CAPITAL LETTER E WITH CARON UNIO11A LATIN SMALL LETTER E WITH CARON UNIO11B LATIN CAPITAL LETTER G WITH CIRCUMFLEX UNIO11C LATIN SMALL LETTER G WITH CIRCUMFLEX UNIO11D LATIN CAPITAL LETTER G WITH BREVE UNIO11E LATIN SMALL LETTER G WITH BREVE UNIO11F LATIN CAPITAL LETTER G WITH DOT ABOVE UNIO120 LATIN SMALL LETTER G WITH CEDILLA UNIO122 LATIN SMALL LETTER G WITH CEDILLA UNIO123 LATIN SMALL LETTER G WITH CEDILLA UNIO123 LATIN CAPITAL LETTER G WITH CEDILLA UNIO123 LATIN CAPITAL LETTER G WITH CEDILLA UNIO123 LATIN CAPITAL LETTER H WITH CIRCUMFLEX
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LATIN SMALL LETTER G WITH CIRCUMFLEX uni011D LATIN CAPITAL LETTER G WITH BREVE uni011E LATIN SMALL LETTER G WITH BREVE uni011F LATIN CAPITAL LETTER G WITH DOT ABOVE uni0120 LATIN SMALL LETTER G WITH DOT ABOVE uni0121 LATIN CAPITAL LETTER G WITH CEDILLA uni0122 LATIN SMALL LETTER G WITH CEDILLA uni0123 LATIN CAPITAL LETTER G WITH CEDILLA uni0123 LATIN CAPITAL LETTER G WITH CEDILLA uni0123 LATIN CAPITAL LETTER H WITH CIRCUMFLEX
LATIN CAPITAL LETTER G WITH BREVE uni011E LATIN SMALL LETTER G WITH BREVE uni011F LATIN CAPITAL LETTER G WITH DOT ABOVE uni0120 LATIN SMALL LETTER G WITH DOT ABOVE uni0121 LATIN CAPITAL LETTER G WITH CEDILLA uni0122 LATIN SMALL LETTER G WITH CEDILLA uni0123 LATIN CAPITAL LETTER G WITH CEDILLA uni0123 LATIN CAPITAL LETTER H WITH CIRCUMFLEX
LATIN SMALL LETTER G WITH BREVE uni011F LATIN CAPITAL LETTER G WITH DOT ABOVE uni0120 LATIN SMALL LETTER G WITH DOT ABOVE uni0121 LATIN CAPITAL LETTER G WITH CEDILLA uni0122 LATIN SMALL LETTER G WITH CEDILLA uni0122 LATIN SMALL LETTER G WITH CEDILLA uni0123 LATIN CAPITAL LETTER H WITH CIRCUMFLEX
LATIN CAPITAL LETTER G WITH DOT ABOVE uni0120 LATIN SMALL LETTER G WITH DOT ABOVE uni0121 LATIN CAPITAL LETTER G WITH CEDILLA uni0122 LATIN SMALL LETTER G WITH CEDILLA uni0123 LATIN CAPITAL LETTER H WITH CIRCUMFLEX
LATIN SMALL LETTER G WITH DOT ABOVE uni0121 LATIN CAPITAL LETTER G WITH CEDILLA uni0122 LATIN SMALL LETTER G WITH CEDILLA uni0123 LATIN CAPITAL LETTER H WITH CIRCUMFLEX Â Â Â
LATIN CAPITAL LETTER G WITH CEDILLA uni0122 LATIN SMALL LETTER G WITH CEDILLA uni0123 LATIN CAPITAL LETTER H WITH CIRCUMFLEX Â Â
LATIN SMALL LETTER G WITH CEDILLA uni0123 LATIN CAPITAL LETTER H WITH CIRCUMFLEX Â Â
LATIN CAPITAL LETTER H WITH CIRCUMFLEX H
LATIN SMALL LETTER H WITH CIRCUMFLEX uni0125
LATIN CAPITAL LETTER H WITH STROKE uni0126
LATIN SMALL LETTER H WITH STROKE uni0127
LATIN CAPITAL LETTER I WITH TILDE uni0128
LATIN SMALL LETTER I WITH TILDE uni0129 LATIN CAPITAL LETTER I WITH MACRON

uni012A	Ī	Ī
LATIN SMALL LETTER I WITH MACRON uni012B	ī	ī
LATIN CAPITAL LETTER I WITH BREVE uni012C	Ĭ	Ĭ
LATIN SMALL LETTER I WITH BREVE uni012D	Ĭ	Ĭ
LATIN CAPITAL LETTER I WITH OGONEK uni012E	Į	Į
LATIN SMALL LETTER I WITH OGONEK uni012F	į	į
LATIN CAPITAL LETTER I WITH DOT ABOVE uni0130	İ	İ
LATIN SMALL LETTER DOTLESS I uni0131	I	1
LATIN CAPITAL LIGATURE IJ uni0132	IJ	IJ
LATIN SMALL LIGATURE IJ uni0133	ij	ij
LATIN CAPITAL LETTER J WITH CIRCUMFLEX uni0134	Ĵ	Ĵ
LATIN SMALL LETTER J WITH CIRCUMFLEX uni0135	Ĵ	ĵ
LATIN CAPITAL LETTER K WITH CEDILLA uni0136	Ķ	Ķ
LATIN SMALL LETTER K WITH CEDILLA uni0137	ķ	ķ
LATIN SMALL LETTER KRA uni0138	K	ĸ
LATIN CAPITAL LETTER L WITH ACUTE uni0139	Ĺ	Ĺ
LATIN SMALL LETTER L WITH ACUTE uni013A	ĺ	ĺ
LATIN CAPITAL LETTER L WITH CEDILLA uni013B		Ļ
LATIN SMALL LETTER L WITH CEDILLA uni013C	,	J
LATIN CAPITAL LETTER L WITH CARON uni013D	Ľ	Ľ
LATIN SMALL LETTER L WITH CARON uni013E		ľ
LATIN CAPITAL LETTER L WITH MIDDLE DOT uni013F	Ŀ	Ŀ
LATIN SMALL LETTER L WITH MIDDLE DOT uni0140	-	
LATIN CAPITAL LETTER L WITH STROKE uni0141	Ł	Ł
LATIN SMALL LETTER L WITH STROKE uni0142	†	∤
LATIN CAPITAL LETTER N WITH ACUTE uni0143	N	Ų
LATIN SMALL LETTER N WITH ACUTE uni0144	ń	ń
LATIN CAPITAL LETTER N WITH CEDILLA uni0145	Ņ	Ù

LATIN SMALL LETTER N WITH CEDILLA		
uni0146	ņ	Ù
LATIN CAPITAL LETTER N WITH CARON uni0147	Ň	Ň
LATIN SMALL LETTER N WITH CARON uni0148	ň	ň
	'n	'n
LATIN SMALL LETTER N PRECEDED BY APOSTROPHE uni0149		
LATIN CAPITAL LETTER ENG uni014A	Ŋ	Ŋ
LATIN SMALL LETTER ENG uni014B	ŋ	Ŋ
LATIN CAPITAL LETTER O WITH MACRON uni014C	Ō	Õ
LATIN SMALL LETTER O WITH MACRON uni014D	Ō	Õ
LATIN CAPITAL LETTER O WITH BREVE uni014E	Ŏ	Ŏ
LATIN SMALL LETTER O WITH BREVE uni014F	ŏ	ŏ
LATIN CAPITAL LETTER O WITH DOUBLE ACUTE uni0150	Ő	Ő
LATIN SMALL LETTER O WITH DOUBLE ACUTE uni0151	ő	ő
LATIN CAPITAL LIGATURE OE uni0152	Œ	Œ
LATIN SMALL LIGATURE OE uni0153	œ	œ
dillotss		
LATIN CAPITAL LETTER R WITH ACUTE uni0154	Ŕ	Ŕ
LATIN SMALL LETTER R WITH ACUTE uni0155	ŕ	ŕ
LATIN CAPITAL LETTER R WITH CEDILLA uni0156	Ŗ	Ŗ
LATIN SMALL LETTER R WITH CEDILLA uni0157	ŗ	Ĺ
LATIN CAPITAL LETTER R WITH CARON uni0158	Ř	Ř
LATIN SMALL LETTER R WITH CARON uni0159	ř	ř
LATIN CAPITAL LETTER S WITH ACUTE uni015A	Ś	Ś
LATIN SMALL LETTER S WITH ACUTE uni015B	Ś	ś
LATIN CAPITAL LETTER S WITH CIRCUMFLEX uni015C	Ŝ	Ŝ
LATIN SMALL LETTER S WITH CIRCUMFLEX uni015D	ŝ	ŝ
LATIN CAPITAL LETTER S WITH CEDILLA uni015E	Ş	Ş
LATIN SMALL LETTER S WITH CEDILLA uni015F	Ş	ş
LATIN CAPITAL LETTER S WITH CARON uni0160	Š	Š

LATIN SMALL LETTER S WITH CARON uni0161	Š	Š
LATIN CAPITAL LETTER T WITH CEDILLA uni0162	Ţ	Ţ
LATIN SMALL LETTER T WITH CEDILLA uni0163	ţ	ţ
	Ť	Ť
LATIN CAPITAL LETTER T WITH CARON uni0164		
LATIN SMALL LETTER T WITH CARON uni0165	ť	ť
LATIN CAPITAL LETTER T WITH STROKE uni0166	Ŧ	Ŧ
LATIN SMALL LETTER T WITH STROKE uni0167	ŧ	‡
LATIN CAPITAL LETTER U WITH TILDE uni0168	Ũ	Ũ
LATIN SMALL LETTER U WITH TILDE uni0169	ũ	ũ
LATIN CAPITAL LETTER U WITH MACRON uni016A	Ū	Ũ
LATIN SMALL LETTER U WITH MACRON uni016B	ū	Ũ
LATIN CAPITAL LETTER U WITH BREVE uni016C	Ŭ	Ŭ
LATIN SMALL LETTER U WITH BREVE uni016D	ŭ	Ŭ
LATIN CAPITAL LETTER U WITH RING ABOVE uni016E	Ů	Ů
LATIN SMALL LETTER U WITH RING ABOVE uni016F	ů	ů
LATIN CAPITAL LETTER U WITH DOUBLE ACUTE uni0170	Ű	Ű
LATIN SMALL LETTER U WITH DOUBLE ACUTE uni0171	ű	Ű
LATIN CAPITAL LETTER U WITH OGONEK uni0172	Ų	Ų
LATIN SMALL LETTER U WITH OGONEK uni0173	Ų	Ų
LATIN CAPITAL LETTER W WITH CIRCUMFLEX uni0174	Ŵ	Ŵ
LATIN SMALL LETTER W WITH CIRCUMFLEX uni0175	Ŵ	û
LATIN CAPITAL LETTER Y WITH CIRCUMFLEX uni0176	Ŷ	Ŷ
LATIN SMALL LETTER Y WITH CIRCUMFLEX uni0177	ŷ	ŷ
LATIN CAPITAL LETTER Y WITH DIAERESIS uni0178	Ÿ	Ÿ
LATIN CAPITAL LETTER Z WITH ACUTE uni0179	Ź	Ź
LATIN SMALL LETTER Z WITH ACUTE uni017A	ź	Ź
LATIN CAPITAL LETTER Z WITH DOT ABOVE		

uni017B	Ż	Ż
LATIN SMALL LETTER Z WITH DOT ABOVE uni017C	ż	Ż
LATIN CAPITAL LETTER Z WITH CARON uni017D	Ž	Ž
LATIN SMALL LETTER Z WITH CARON uni017E	ž	Ž
	ſ	ſ
LATIN SMALL LETTER LONG S uni017F		
LATIN CAPITAL LETTER F WITH HOOK uni0191	F	F
LATIN SMALL LETTER F WITH HOOK uni0192	f	f
LATIN CAPITAL LETTER G WITH STROKE uni01E4	G	G
LATIN SMALL LETTER G WITH STROKE uni01E5	g.	9
LATIN CAPITAL LETTER AE WITH ACUTE uni01FC	É	Æ
LATIN SMALL LETTER AE WITH ACUTE uni01FD	æ	æ
LATIN CAPITAL LETTER O WITH STROKE AND ACUTE uni01FE	Ó	Ó
LATIN SMALL LETTER O WITH STROKE AND ACUTE uni01FF	Ó	Ó
LATIN CAPITAL LETTER S WITH COMMA BELOW uni0218	Ş	Ş
LATIN SMALL LETTER S WITH COMMA BELOW uni0219	Ş	Ş
LATIN CAPITAL LETTER T WITH COMMA BELOW uni021A	Ţ	Ţ
LATIN SMALL LETTER T WITH COMMA BELOW uni021B	ţ	ţ
LATIN SMALL LETTER DOTLESS J uni0237	J	J
GREEK CAPITAL LETTER DELTA uni0394	Δ	Δ
GREEK CAPITAL LETTER PI uni03A0	П	П
GREEK CAPITAL LETTER SIGMA uni03A3	Σ	Σ
GREEK CAPITAL LETTER OMEGA uni03A9	Ω	Ω
GREEK SMALL LETTER MU uni03BC	μ	h
GREEK SMALL LETTER PI uni03C0	π	П
LATIN CAPITAL LETTER B WITH DOT ABOVE uni1E02	B	B
LATIN SMALL LETTER B WITH DOT ABOVE uni1E03	b	6
LATIN CAPITAL LETTER D WITH DOT ABOVE uni1E0A	D	Ď

LATIN SMALL LETTER D WITH DOT ABOVE uni1E0B	d	ä
LATIN CAPITAL LETTER F WITH DOT ABOVE uni1E1E	Ė	Ė
LATIN SMALL LETTER F WITH DOT ABOVE uni1E1F	Ė	Ė
LATIN CAPITAL LETTER M WITH DOT ABOVE uni1E40	M	Ė
LATIN SMALL LETTER M WITH DOT ABOVE uni1E41	ṁ	ṁ
LATIN CAPITAL LETTER P WITH DOT ABOVE uni1E56	Ė	Þ
LATIN SMALL LETTER P WITH DOT ABOVE uni1E57	þ	ģ
LATIN CAPITAL LETTER S WITH DOT ABOVE uni1E60	Ś	Ś
LATIN SMALL LETTER S WITH DOT ABOVE uni1E61	Ś	Ś
LATIN CAPITAL LETTER T WITH DOT ABOVE uni1E6A	Ť	Ť
LATIN SMALL LETTER T WITH DOT ABOVE uni1E6B	t	Ť
LATIN CAPITAL LETTER W WITH GRAVE uni1E80	Ŵ	Ù
LATIN SMALL LETTER W WITH GRAVE uni1E81	Ŵ	ù
LATIN CAPITAL LETTER W WITH ACUTE uni1E82	Ŵ	Ú
LATIN SMALL LETTER W WITH ACUTE uni1E83	Ŵ	Ú
LATIN CAPITAL LETTER W WITH DIAERESIS uni1E84	Ŵ	Ü
LATIN SMALL LETTER W WITH DIAERESIS uni1E85	W	Ü
LATIN CAPITAL LETTER Y WITH GRAVE uni1EF2	Ý	Ý
LATIN SMALL LETTER Y WITH GRAVE uni1EF3	ý	ù
HYPHEN uni2010	-	-
NON-BREAKING HYPHEN uni2011	-	-
FIGURE DASH uni2012	_	_
EN DASH uni2013	-	_
EM DASH uni2014	_	_
HORIZONTAL BAR uni2015	—	_
DOUBLE LOW LINE uni2017	=	=

LEFT SINGLE QUOTATION MARK uni2018

RIGHT SINGLE QUOTATION MARK		
uni2019	,	,
SINGLE LOW-9 QUOTATION MARK uni201A	,	,
SINGLE HIGH-REVERSED-9 QUOTATION MARK uni201B	7	•
LEFT DOUBLE QUOTATION MARK uni201C	11	"
RIGHT DOUBLE QUOTATION MARK uni201D	11))
DOUBLE LOW-9 QUOTATION MARK uni201E	11	"
DOUBLE HIGH-REVERSED-9 QUOTATION MARK uni201F	"	"
DAGGER uni2020	†	†
DOUBLE DAGGER uni2021	‡	‡
BULLET uni2022	•	•
TRIANGULAR BULLET uni2023	>	•
ONE DOT LEADER uni2024		•
TWO DOT LEADER uni2025		••
HORIZONTAL ELLIPSIS uni2026		•••
HYPHENATION POINT uni2027		•
PER MILLE SIGN uni2030	%0	‰
PRIME uni2032	/	,
DOUBLE PRIME uni2033	//	"
TRIPLE PRIME uni2034	///	""
REVERSED PRIME uni2035	1	`
REVERSED DOUBLE PRIME uni2036	"	"
REVERSED TRIPLE PRIME uni2037	7111	""
SINGLE LEFT-POINTING ANGLE QUOTATION MARK uni2039	<	<
SINGLE RIGHT-POINTING ANGLE QUOTATION MARK uni203A	>	>
HYPHEN BULLET uni2043	-	*
FRACTION SLASH uni2044	/	/
EURO SIGN uni20AC	€	€
CARE OF uni2105	c/ ₀	%

SCRIPT SMALL L uni2113	l	l
TRADE MARK SIGN	TM	τm
uni2122 OHM SIGN	Ω	Ω
uni2126 ESTIMATED SYMBOL	е	e
uni212E		
PARTIAL DIFFERENTIAL uni2202	9	d
INCREMENT	Δ	Δ
uni2206		
N-ARY PRODUCT uni220F	П	Π
N-ARY SUMMATION uni2211	Σ	Σ
MINUS SIGN uni2212	_	-
DIVISION SLASH uni2215	/	/
ASTERISK OPERATOR uni2217	*	*
RING OPERATOR uni2218	0	0
BULLET OPERATOR uni2219	•	
SQUARE ROOT uni221A	V	√
CUBE ROOT uni221B	3/	∛
INFINITY uni221E	00	œ
ALMOST EQUAL TO uni2248	\approx	*
NOT EQUAL TO uni2260	≠	≠
IDENTICAL TO uni2261	=	≡
LESS-THAN OR EQUAL TO uni2264	\leq	≤
GREATER-THAN OR EQUAL TO uni2265	\geq	≥
LOZENGE uni25CA	\Diamond	♦



