

60115116	/	1
SOLIDUS uni002F	/	/
DIGIT ZERO uni0030	0	О
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	?	5
COMMERCIAL AT uni0040	(a)	@
LATIN CAPITAL LETTER A uni0041	Α	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	Е
LATIN CAPITAL LETTER F uni0046	F	F
LATIN CAPITAL LETTER G uni0047	G	G
LATIN CAPITAL LETTER H uni0048	Н	Н
LATIN CAPITAL LETTER I uni0049		I

LATIN CAPITAL LETTER J	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	O
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	V	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	^	^
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	e

LATIN SMALL LETTER F uni0066	f	f
LATIN SMALL LETTER G uni0067	g	g
LATIN SMALL LETTER H uni0068	h	h
LATIN SMALL LETTER I uni0069	i	i
LATIN SMALL LETTER J uni006A	j	j
LATIN SMALL LETTER K uni006B	k	k
LATIN SMALL LETTER L uni006C		1
LATIN SMALL LETTER M uni006D	m	m
LATIN SMALL LETTER N uni006E	n	n
LATIN SMALL LETTER O uni006F	0	O
LATIN SMALL LETTER P uni0070	р	p
LATIN SMALL LETTER Q uni0071	q	q
LATIN SMALL LETTER R uni0072	r	r
LATIN SMALL LETTER S uni0073	S	S
LATIN SMALL LETTER T uni0074	t	t
LATIN SMALL LETTER U uni0075	U	u
LATIN SMALL LETTER V uni0076	V	V
LATIN SMALL LETTER W uni0077	W	W
LATIN SMALL LETTER X uni0078	X	X
LATIN SMALL LETTER Y uni0079	У	y
LATIN SMALL LETTER Z uni007A	Z	\mathbf{Z}
LEFT CURLY BRACKET uni007B	{	-{
VERTICAL LINE uni007C		
RIGHT CURLY BRACKET uni007D	}	}
NO-BREAK SPACE uni00A0		
INVERTED EXCLAMATION MARK uni00A1	i	i
POUND SIGN uni00A3	£	€

CURRENCY SIGN

uni00A4	¤	€
BROKEN BAR uni00A6		1
SECTION SIGN uni00A7	§	8
DIAERESIS uni00A8		
COPYRIGHT SIGN uni00A9	©	©
LEFT-POINTING DOUBLE ANGLE QUOTATION MARK uni00AB	«	«
REGISTERED SIGN uni00AE	R	®
ACUTE ACCENT uni00B4	/	,
RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK uni00BB	<i>>></i>	>>
INVERTED QUESTION MARK uni00BF	خ	s
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	Å	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	
LATIN CAPITAL LETTER N WITH TILDE		

uni00D1	Ñ	$\tilde{\mathbf{N}}$
	Ò	Ò
LATIN CAPITAL LETTER O WITH GRAVE uni00D2		
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	O
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 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
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	ï	ï
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	Ö	Ö
DIVISION SIGN uni00F7	÷	÷
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 Y WITH DIAERESIS uni00FF	ÿ	ÿ
LATIN CAPITAL LETTER A WITH MACRON uni0100	Ā	A
LATIN SMALL LETTER A WITH MACRON uni0101	ā	a
LATIN CAPITAL LETTER A WITH BREVE uni0102	A	A
LATIN SMALL LETTER A WITH BREVE uni0103	ă	a
LATIN CAPITAL LETTER A WITH OGONEK uni0104	Ą	A
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 uni010A	C	С
LATIN SMALL LETTER C WITH DOT ABOVE uni010B	Ċ	c
LATIN CAPITAL LETTER C WITH CARON uni010C	Č	Č

LATIN SMALL LETTER C WITH CARON uni010D	Č	č
LATIN CAPITAL LETTER D WITH CARON uni010E	Ď	Ď
	ď	ď
LATIN SMALL LETTER D WITH CARON uni010F		
LATIN CAPITAL LETTER D WITH STROKE uni0110	Đ	D
LATIN SMALL LETTER D WITH STROKE uni0111	đ	d
LATIN CAPITAL LETTER E WITH MACRON uni0112	Ē	Е
LATIN SMALL LETTER E WITH MACRON uni0113	ē	e
LATIN CAPITAL LETTER E WITH BREVE uni0114	Ĕ	E
LATIN SMALL LETTER E WITH BREVE uni0115	ĕ	e
LATIN CAPITAL LETTER E WITH DOT ABOVE uni0116	Ė	E
LATIN SMALL LETTER E WITH DOT ABOVE uni0117	ė	e
LATIN CAPITAL LETTER E WITH OGONEK uni0118	Ę	Е
LATIN SMALL LETTER E WITH OGONEK uni0119	ę	8
LATIN CAPITAL LETTER E WITH CARON uni011A	Ě	E
LATIN SMALL LETTER E WITH CARON uni011B	ě	ě
LATIN CAPITAL LETTER G WITH CIRCUMFLEX uni011C	Ĝ	G
LATIN SMALL LETTER G WITH CIRCUMFLEX uni011D	ĝ	ĝ
LATIN CAPITAL LETTER G WITH BREVE uni011E	Ğ	G
LATIN SMALL LETTER G WITH BREVE uni011F	ğ	g
LATIN CAPITAL LETTER G WITH DOT ABOVE uni0120	Ġ	G
LATIN SMALL LETTER G WITH DOT ABOVE uni0121	ġ	g
LATIN CAPITAL LETTER G WITH CEDILLA uni0122	Ģ	G
LATIN SMALL LETTER G WITH CEDILLA uni0123	ģ	g
LATIN CAPITAL LETTER H WITH CIRCUMFLEX uni0124	Ĥ	Н
LATIN SMALL LETTER H WITH CIRCUMFLEX uni0125	ĥ	h
LATIN CAPITAL LETTER H WITH STROKE uni0126	Ħ	Н

LATIN SMALL LETTER H WITH STROKE uni0127	ħ	h
LATIN CAPITAL LETTER I WITH TILDE uni0128	Ĩ	Ĩ
LATIN SMALL LETTER I WITH TILDE uni0129	ĩ	ĩ
LATIN CARITAL LETTER LIMITUAN CRON	Ī	I
LATIN CAPITAL LETTER I WITH MACRON uni012A		
LATIN SMALL LETTER I WITH MACRON uni012B	Ī	1
LATIN CAPITAL LETTER I WITH BREVE uni012C	Ĭ	I
LATIN SMALL LETTER I WITH BREVE uni012D	Ĭ	1
LATIN CAPITAL LETTER I WITH OGONEK uni012E	Į	I
LATIN SMALL LETTER I WITH OGONEK uni012F	į	į
LATIN CAPITAL LETTER I WITH DOT ABOVE uni0130	İ	I
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	K
LATIN SMALL LETTER K WITH CEDILLA uni0137	ķ	ķ
LATIN SMALL LETTER KRA uni0138	K	K
LATIN CAPITAL LETTER L WITH ACUTE uni0139	Ĺ	L
LATIN SMALL LETTER L WITH ACUTE uni013A	ĺ	1
LATIN CAPITAL LETTER L WITH CEDILLA uni013B	Ļ	L
LATIN SMALL LETTER L WITH CEDILLA uni013C		ļ
LATIN CAPITAL LETTER L WITH CARON uni013D	Ľ	L
LATIN SMALL LETTER L WITH CARON uni013E	'	ľ
LATIN CAPITAL LETTER L WITH MIDDLE DOT uni013F	Ŀ	L
LATIN SMALL LETTER L WITH MIDDLE DOT uni0140	-	1
LATIN CAPITAL LETTER L WITH STROKE uni0141	Ł	L
LATIN SMALL LETTER L WITH STROKE		

ł	uni0142
Ń	LATIN CAPITAL LETTER N WITH ACUTE uni0143
ń	LATIN SMALL LETTER N WITH ACUTE uni0144
Ņ	LATIN CAPITAL LETTER N WITH CEDILLA uni0145
ņ	LATIN SMALL LETTER N WITH CEDILLA uni0146
Ň	LATIN CAPITAL LETTER N WITH CARON uni0147
ň	LATIN SMALL LETTER N WITH CARON uni0148
'n	LATIN SMALL LETTER N PRECEDED BY APOSTROPHE uni0149
Ō	LATIN CAPITAL LETTER O WITH MACRON uni014C
Ō	LATIN SMALL LETTER O WITH MACRON uni014D
Ŏ	LATIN CAPITAL LETTER O WITH BREVE uni014E
ŏ	LATIN SMALL LETTER O WITH BREVE uni014F
	LATIN CAPITAL LETTER O WITH DOUBLE ACUTE uni0150
ő	LATIN SMALL LETTER O WITH DOUBLE ACUTE uni0151
Œ	LATIN CAPITAL LIGATURE OE uni0152
œ	LATIN SMALL LIGATURE OE uni0153
1 4	LATIN CAPITAL LETTER R WITH ACUTE uni0154
ŕ	LATIN SMALL LETTER R WITH ACUTE uni0155
Ŗ	LATIN CAPITAL LETTER R WITH CEDILLA
	uni0156
ŗ	LATIN SMALL LETTER R WITH CEDILLA uni0157
ŗ Ř	LATIN SMALL LETTER R WITH CEDILLA
Ř	LATIN SMALL LETTER R WITH CEDILLA uni0157 LATIN CAPITAL LETTER R WITH CARON
Ř ř	LATIN SMALL LETTER R WITH CEDILLA uni0157 LATIN CAPITAL LETTER R WITH CARON uni0158 LATIN SMALL LETTER R WITH CARON
Ř ř Ś	LATIN SMALL LETTER R WITH CEDILLA uni0157 LATIN CAPITAL LETTER R WITH CARON uni0158 LATIN SMALL LETTER R WITH CARON uni0159 LATIN CAPITAL LETTER S WITH ACUTE
Ř ř Ś Ś	LATIN SMALL LETTER R WITH CEDILLA uni0157 LATIN CAPITAL LETTER R WITH CARON uni0158 LATIN SMALL LETTER R WITH CARON uni0159 LATIN CAPITAL LETTER S WITH ACUTE uni015A LATIN SMALL LETTER S WITH ACUTE
Ř ř Ś Ś	LATIN SMALL LETTER R WITH CEDILLA uni0157 LATIN CAPITAL LETTER R WITH CARON uni0158 LATIN SMALL LETTER R WITH CARON uni0159 LATIN CAPITAL LETTER S WITH ACUTE uni015A LATIN SMALL LETTER S WITH ACUTE uni015B LATIN CAPITAL LETTER S WITH CIRCUMFLEX uni015C LATIN SMALL LETTER S WITH CIRCUMFLEX uni015D
Ř ř Ś Ś	LATIN SMALL LETTER R WITH CEDILLA uni0157 LATIN CAPITAL LETTER R WITH CARON uni0158 LATIN SMALL LETTER R WITH CARON uni0159 LATIN CAPITAL LETTER S WITH ACUTE uni015A LATIN SMALL LETTER S WITH ACUTE uni015B LATIN CAPITAL LETTER S WITH CIRCUMFLEX uni015C LATIN SMALL LETTER S WITH CIRCUMFLEX
	Ń ń Ņ ň ň ň ň Ö ŏ ŏ ő ő c Æ Ŕ ŕ

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	T
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	T
LATIN SMALL LETTER T WITH STROKE uni0167	ŧ	t
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	U
LATIN SMALL LETTER U WITH MACRON uni016B	ū	u
LATIN CAPITAL LETTER U WITH BREVE uni016C	Ŭ	U
LATIN SMALL LETTER U WITH BREVE uni016D	ŭ	u
LATIN CAPITAL LETTER U WITH RING ABOVE uni016E	Ů	U
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	U
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	ŵ
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	Z
LATIN SMALL LETTER Z WITH DOT ABOVE uni017C	Ż	\mathbf{Z}
LATIN CAPITAL LETTER Z WITH CARON uni017D	Ž	Ž
LATIN SMALL LETTER Z WITH CARON uni017E	ž	ž
	^	^
MODIFIER LETTER CIRCUMFLEX ACCENT uni02C6		
CARON uni02C7	~	~
RING ABOVE uni02DA	0	O
SMALL TILDE uni02DC	~	~
DOUBLE ACUTE ACCENT uni02DD	//	"
GREEK SMALL LETTER PI uni03C0	π	P
EN DASH uni2013	-	-
EM DASH uni2014		
LEFT SINGLE QUOTATION MARK uni2018	1	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	11	99
DOUBLE LOW-9 QUOTATION MARK uni201E	11	99
HORIZONTAL ELLIPSIS uni2026		•••
PER MILLE SIGN uni2030	%0	
PARTIAL DIFFERENTIAL uni2202	9	ffl
MINUS SIGN uni2212	_	_
INFINITY uni221E	00	∞
LATIN SMALL LIGATURE FF uniFB00	ff	ff
LATIN SMALL LIGATURE FI uniFB01	fi	fi
LATIN SMALL LIGATURE FL uniFB02	fl	fl
LATIN SMALL LIGATURE FFI uniFB03	ffi	ffi



















