

DIGIT ZERO uni0030	0	0	0	0	0
DIGIT ONE uni0031	1	1	1	1	1
DIGIT TWO uni0032	2	2	2	2	2
DIGIT THREE uni0033	3	3	3	3	3
DIGIT FOUR uni0034	4	4	4	4	4
DIGIT FIVE uni0035	5	5	5	5	5
DIGIT SIX uni0036	6	6	6	6	6
DIGIT SEVEN uni0037	7	7	7	7	7
DIGIT EIGHT uni0038	8	8	8	8	8
DIGIT NINE uni0039	9	9	9	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	Α	A	Α	Α	Α
LATIN CAPITAL LETTER B uni0042	В	В	В	В	В
LATIN CAPITAL LETTER C uni0043	С	C	C	C	C
LATIN CAPITAL LETTER D uni0044	D	D	D	D	D
LATIN CAPITAL LETTER E uni0045	Е	E	Ε	Е	Ε
LATIN CAPITAL LETTER F uni0046	F	F	F	F	F
LATIN CAPITAL LETTER G uni0047	G	G	G	G	G
LATIN CAPITAL LETTER H uni0048	Н	Н	Н	Н	Н
LATIN CAPITAL LETTER I uni0049	I	I	ı	1	1
LATIN CAPITAL LETTER J uni004A	J	J	J	J	J
LATIN CAPITAL LETTER K uni004B	K	K	K	K	K

LATIN CAPITAL LETTER L uni004C	L	L	L	L	L
LATIN CAPITAL LETTER M uni004D	M	M	M	M	M
LATIN CAPITAL LETTER N uni004E	Ν	N	N	Ν	Ν
LATIN CAPITAL LETTER O uni004F	0	0	0	0	0
LATIN CAPITAL LETTER P uni0050	Р	P	P	Р	Р
LATIN CAPITAL LETTER Q uni0051	Q	Q	Q	0	Q
LATIN CAPITAL LETTER R uni0052	R	R	R	R	R
LATIN CAPITAL LETTER S uni0053	S	S	S	S	S
LATIN CAPITAL LETTER T uni0054	Т	T	Т	Т	Т
LATIN CAPITAL LETTER U uni0055	U	U	U	U	U
LATIN CAPITAL LETTER V uni0056	V	V	V	V	V
LATIN CAPITAL LETTER W uni0057	W	W	W	W	W
LATIN CAPITAL LETTER X uni0058	X	X	X	X	X
LATIN CAPITAL LETTER Y uni0059	Y	Y	Y	Y	Υ
LATIN CAPITAL LETTER Z uni005A	Z	Z	Z	Ζ	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	а	а	а
LATIN SMALL LETTER B uni0062	b	b	b	р	b
LATIN SMALL LETTER C uni0063	С	C	С	С	С
LATIN SMALL LETTER D uni0064	d	d	d	d	d
LATIN SMALL LETTER E uni0065	е	e	е	е	е
LATIN SMALL LETTER F uni0066	f	f	f	f	f
LATIN SMALL LETTER G uni0067	g	g	g	g	g

LATIN SMALL LETTER H	h	h	h	h	h
uni0068		_	_		
LATIN SMALL LETTER I uni0069	I	i	İ	1	i
LATIN SMALL LETTER J uni006A	j	j	j	j	j
LATIN SMALL LETTER K uni006B	k	k	k	k	k
LATIN SMALL LETTER L uni006C		I	I	1	1
LATIN SMALL LETTER M uni006D	m	m	m	m	m
LATIN SMALL LETTER N uni006E	n	n	n	n	n
LATIN SMALL LETTER O uni006F	0	0	0	0	0
LATIN SMALL LETTER P uni0070	р	P	p	р	p
LATIN SMALL LETTER Q uni0071	q	q	q	q	q
LATIN SMALL LETTER R uni0072	r	r	r	r	r
LATIN SMALL LETTER S uni0073	S	S	S	S	S
LATIN SMALL LETTER T uni0074	t	t	t	t	t
LATIN SMALL LETTER U uni0075	U	u	u	U	u
LATIN SMALL LETTER V uni0076	V	V	V	V	V
LATIN SMALL LETTER W uni0077	W	w	W	W	W
LATIN SMALL LETTER X uni0078	X	X	X	Χ	X
LATIN SMALL LETTER Y uni0079	У	y	у	У	У
LATIN SMALL LETTER Z uni007A	Z	Z	Z	Z	Z
LEFT CURLY BRACKET uni007B	{	{	{	{	{
VERTICAL LINE uni007C		I	I		1
RIGHT CURLY BRACKET uni007D	}	}	}	}	}
TILDE uni007E	~	~	~	~	~
NO-BREAK SPACE uni00A0					
INVERTED EXCLAMATION MARK uni00A1	i	i	i	į	i
CENT SIGN uni00A2	¢	¢	¢	¢	¢
POUND SIGN uni00A3	£	£	£	£	£
CURRENCY SIGN uni00A4	¤	¤	¤	¤	¤

YEN SIGN uni00A5	¥	¥	¥	¥	¥
BROKEN BAR uni00A6	I	:	!	 	I I
SECTION SIGN uni00A7	§	§	§	§	§
DIAERESIS uni00A8					
COPYRIGHT SIGN uni00A9	©	©	©	©	©
FEMININE ORDINAL INDICATOR uni00AA	<u>a</u>	а	а	а	а
LEFT-POINTING DOUBLE ANGLE QUOTATION MARK uni00AB	<<	**	«	«	«
NOT SIGN uni00AC	\neg	-	٦	٦	٦
SOFT HYPHEN uni00AD					
REGISTERED SIGN uni00AE	R	R	R	R	R
MACRON uni00AF	-	_	_		_
DEGREE SIGN uni00B0	0	0	o	0	o
PLUS-MINUS SIGN uni00B1	±	±	±	±	±
SUPERSCRIPT TWO uni00B2	2	2	2	2	2
SUPERSCRIPT THREE uni00B3	3	3	3	3	3
ACUTE ACCENT uni00B4	/	-	•	,	,
MICRO SIGN uni00B5	μ	μ	μ	μ	μ
PILCROW SIGN uni00B6	1	¶	¶	¶	1
MIDDLE DOT uni00B7		•	•		
CEDILLA uni00B8	٥			,	,
SUPERSCRIPT ONE uni00B9	1	1	1	1	1
MASCULINE ORDINAL INDICATOR uni00BA	<u>O</u>	0	O	0	0
RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK uni00BB	>>	>>	>>	>>	>>
VULGAR FRACTION ONE QUARTER uni00BC	1/4	1/4	1/4	1/4	1/4
VULGAR FRACTION ONE HALF uni00BD	1/2	1/2	1/2	1/2	1/2
VULGAR FRACTION THREE QUARTERS uni00BE	3/4	3/4	3/4	3/4	3/4
INVERTED QUESTION MARK uni00BF	غ	į	į	خ	خ
LATIN CAPITAL LETTER A WITH GRAVE uni00C0	À	À	À	À	À

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Ö	Ö	Ö	Ö	Ö
×	×	×	×	×
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Ù	Ù	Ù	Ù	Ù
Ú	Ú	Ú	Ú	Ú
Û	Û	Û	Û	Û

LATIN CAPITAL LETTER A WITH ACUTE uni00C1

LATIN CAPITAL LETTER A WITH CIRCUMFLEX uni00C2

LATIN CAPITAL LETTER A WITH TILDE

LATIN CAPITAL LETTER A WITH DIAERESIS uni00C4

LATIN CAPITAL LETTER A WITH RING ABOVE uni00C5

LATIN CAPITAL LETTER AE uni00C6

LATIN CAPITAL LETTER C WITH CEDILLA uni00C7

LATIN CAPITAL LETTER E WITH GRAVE uni00C8

LATIN CAPITAL LETTER E WITH ACUTE uni00C9

LATIN CAPITAL LETTER E WITH CIRCUMFLEX uni00CA

LATIN CAPITAL LETTER E WITH DIAERESIS uni00CB

LATIN CAPITAL LETTER I WITH GRAVE uni00CC

LATIN CAPITAL LETTER I WITH ACUTE uni00CD

LATIN CAPITAL LETTER I WITH CIRCUMFLEX uni00CE

LATIN CAPITAL LETTER I WITH DIAERESIS uni00CF

LATIN CAPITAL LETTER ETH uni00D0

LATIN CAPITAL LETTER N WITH TILDE uni00D1

LATIN CAPITAL LETTER O WITH GRAVE uni00D2

LATIN CAPITAL LETTER O WITH ACUTE uni00D3

LATIN CAPITAL LETTER O WITH CIRCUMFLEX uni00D4

LATIN CAPITAL LETTER O WITH TILDE uni00D5

LATIN CAPITAL LETTER O WITH DIAERESIS uni00D6

MULTIPLICATION SIGN uni00D7

LATIN CAPITAL LETTER O WITH STROKE uni00D8

LATIN CAPITAL LETTER U WITH GRAVE uni00D9

LATIN CAPITAL LETTER U WITH ACUTE uni00DA

LATIN CAPITAL LETTER U WITH CIRCUMFLEX uni00DB

LATIN CAPITAL LETTER U WITH DIAERESIS

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Ý	Ý	Ý	Ý	Ý
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õ	Õ	Õ	Õ	Õ
Ö	Ö	Ö	Ö	Ö
÷	÷	÷	÷	÷

LATIN CAPITAL LETTER Y WITH ACUTE

LATIN CAPITAL LETTER THORN uni00DE

uni00DC

LATIN SMALL LETTER SHARP S uni00DF

LATIN SMALL LETTER A WITH GRAVE uni00E0

LATIN SMALL LETTER A WITH ACUTE uni00E1

LATIN SMALL LETTER A WITH CIRCUMFLEX uni00E2

LATIN SMALL LETTER A WITH TILDE uni00E3

LATIN SMALL LETTER A WITH DIAERESIS uni00E4

LATIN SMALL LETTER A WITH RING ABOVE uni00E5

LATIN SMALL LETTER AE uni00E6

LATIN SMALL LETTER C WITH CEDILLA uni00E7

LATIN SMALL LETTER E WITH GRAVE

LATIN SMALL LETTER E WITH ACUTE uni00E9

LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA

LATIN SMALL LETTER E WITH DIAERESIS

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

LATIN SMALL LETTER ETH uni00F0

LATIN SMALL LETTER N WITH TILDE uni00F1

LATIN SMALL LETTER O WITH GRAVE uni00F2

LATIN SMALL LETTER O WITH ACUTE uni00F3

LATIN SMALL LETTER O WITH CIRCUMFLEX uni00F4

LATIN SMALL LETTER O WITH TILDE uni00F5

LATIN SMALL LETTER O WITH DIAERESIS uni00F6

DIVISION SIGN uni00F7

LATIN SMALL LETTER O WITH STROKE uni00F8	Ø	Ø	Ø	Ø	Ø
LATIN SMALL LETTER U WITH GRAVE uni00F9	ù	ù	ù	ù	ù
LATIN SMALL LETTER U WITH ACUTE uni00FA	Ú	ű	ú	Ú	ú
LATIN SMALL LETTER U WITH CIRCUMFLEX uni00FB	û	û	û	û	û
LATIN SMALL LETTER U WITH DIAERESIS uni00FC	ü	ü	ü	ü	ü
LATIN SMALL LETTER Y WITH ACUTE uni00FD	ý	ý	ý	ý	ý
LATIN SMALL LETTER THORN uni00FE	þ	þ	þ	þ	þ
LATIN SMALL LETTER Y WITH DIAERESIS uni00FF	ÿ	ÿ	ÿ	ÿ	ÿ
LATIN SMALL LETTER DOTLESS I uni0131	I	I	I	1	I
LATIN CAPITAL LETTER L WITH STROKE uni0141	Ł	Ł	Ł	Ł	Ł
LATIN SMALL LETTER L WITH STROKE uni0142	ł	ł	ł	ł	ł
LATIN CAPITAL LIGATURE OE uni0152	Œ	Œ	Œ	Œ	Œ
LATIN SMALL LIGATURE OE uni0153	œ	œ	œ	œ	œ
LATIN CAPITAL LETTER S WITH CARON uni0160	Š	Š	Š	Š	Š
LATIN SMALL LETTER S WITH CARON uni0161	Š	Š	Š	Š	Š
LATIN CAPITAL LETTER Y WITH DIAERESIS uni0178	Ÿ	Ÿ	Ÿ	Ÿ	Ϋ
LATIN CAPITAL LETTER Z WITH CARON uni017D	Ž	Ž	Ž	Ž	Ž
LATIN SMALL LETTER Z WITH CARON uni017E	ž	ž	Ž	Ž	ž
LATIN SMALL LETTER F WITH HOOK uni0192	f	f	f	f	f
MODIFIER LETTER CIRCUMFLEX ACCENT uni02C6	^	•	^	^	^
CARON uni02C7	V	-	v	v	v
MODIFIER LETTER MACRON uni02C9	-	-	-	-	_
BREVE uni02D8	V	v	v	U	J
DOT ABOVE uni02D9		•	-		-
RING ABOVE uni02DA	0	•	o	0	o
OGONEK uni02DB	د	c	ć	c	Ĺ
SMALL TILDE uni02DC	~	~	~	~	~
DOUBLE ACUTE ACCENT uni02DD	//	**	**	"	"
GREEK SMALL LETTER PI					

uni03C0	π	π	π	П	П
EN DASH	_	_	_	_	
uni2013					
EM DASH uni2014					
LEFT SINGLE QUOTATION MARK uni2018	1		,	1	,
RIGHT SINGLE QUOTATION MARK uni2019	,	,	,	,	,
SINGLE LOW-9 QUOTATION MARK uni201A	,	,	,	,	,
LEFT DOUBLE QUOTATION MARK uni201C	11	"	"	"	"
RIGHT DOUBLE QUOTATION MARK uni201D	11	"	"	″	"
DOUBLE LOW-9 QUOTATION MARK uni201E	"	**	"	"	"
DAGGER uni2020	†	t	†	+	†
DOUBLE DAGGER uni2021	‡	‡	‡	‡	‡
BULLET uni2022	•	•	•	•	•
HORIZONTAL ELLIPSIS uni2026		•••			
PER MILLE SIGN uni2030	%0	‰	‰	%0	‰
SINGLE LEFT-POINTING ANGLE QUOTATION MARK uni2039	<	•	<	((
SINGLE RIGHT-POINTING ANGLE QUOTATION MARK uni203A	>	•	>	>	>
EURO SIGN uni20AC	€	€	€	€	€
TRADE MARK SIGN uni2122	TM	ТМ	ТМ	TM	TM
OHM SIGN uni2126	Ω	Ω	Ω	Ω	Ω
PARTIAL DIFFERENTIAL uni2202	9	9	9	9	9
INCREMENT uni2206	Δ	Δ	Δ	\triangle	Δ
N-ARY PRODUCT uni220F	П	Π	Π	\prod	Π
N-ARY SUMMATION uni2211	Σ	Σ	Σ		Σ
MINUS SIGN uni2212	_	_	_	_	_
DIVISION SLASH uni2215	/	/	/	/	/
BULLET OPERATOR uni2219	•	•	•		
SQUARE ROOT uni221A	V	√	√	$\sqrt{}$	$\sqrt{}$
INFINITY uni221E	∞	∞	∞	∞	∞





