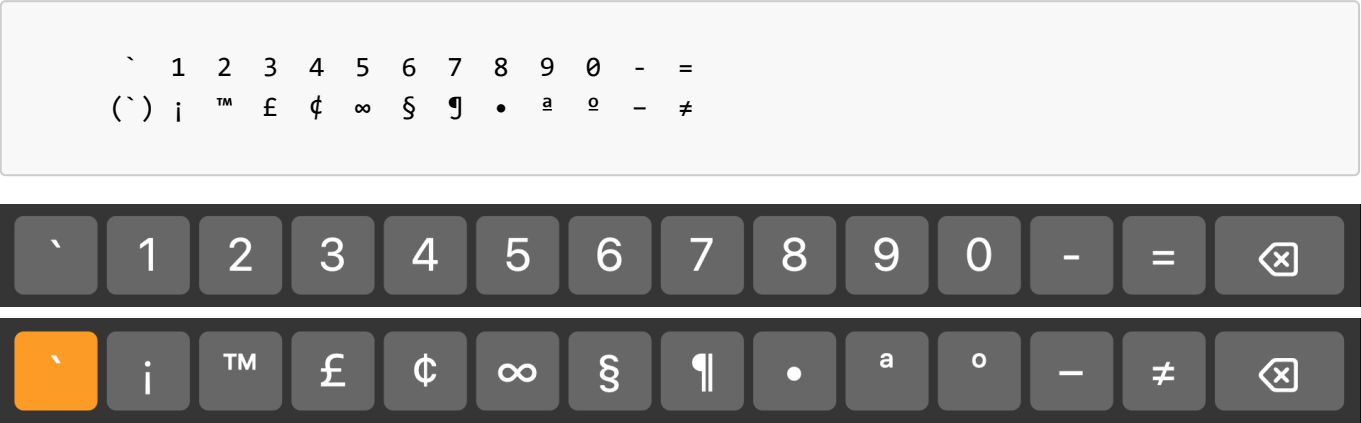


Special Characters on Apple Keyboards

Updates: <http://github.com/RedBearAK/optspecialchars>

Numbers row + Option:

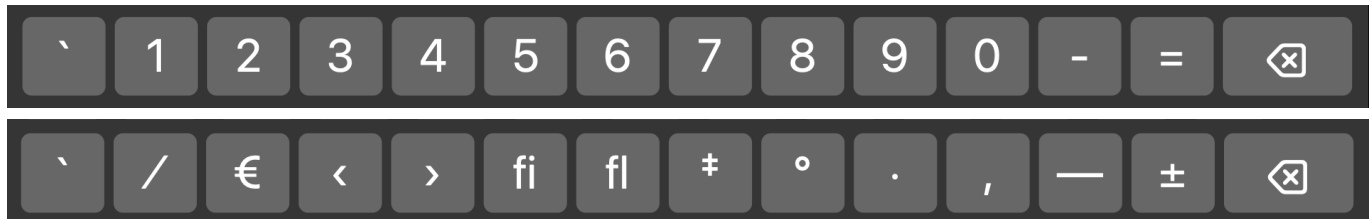


Key	Description	Unicode	Alt Code
Opt+`	Dead Keys Grave accent (combining)	[Note 1]	
Opt+1	Inverted Exclamation Mark	{U+00A1}	(Alt+173)
Opt+2	Trade Mark Sign Emoji	{U+2122}	(Alt+0153)
Opt+3	British Pound currency symbol	{U+00A3}	(Alt+156)
Opt+4	Cent currency symbol	{U+00A2}	(Alt+155)
Opt+5	Infinity mathematical symbol	{U+221E}	(Alt+236)
Opt+6	Section symbol	{U+00A7}	(Alt+0167)
Opt+7	Paragraph mark (Pilcrow) symbol	{U+00B6}	(Alt+0182)
Opt+8	Bullet Point symbol (solid)	{U+2022}	(Alt+0149)
Opt+9	Feminine Ordinal Indicator	{U+00AA}	(Alt+166)
Opt+0	Masculine Ordinal Indicator	{U+00BA}	(Alt+167)
Opt+-	En Dash punctuation mark	{U+2013}	(Alt+0150)
Opt+=	Not Equal To symbol	{U+2260}	(No Alt Code)

Updates: <http://github.com/RedBearAK/optspecialchars>

Numbers row + Option + Shift:

~ ! @ # \$ % ^ & * () _ +
 ` / € < > fi fl ‡ ° · , — ±



Key	Description	Unicode	Alt Code
⇧+Opt+`	Grave Accent (non-combining)	{U+0060}	(Alt+96)
⇧+Opt+1	Fraction Slash	{U+2044}	(No Alt Code)
⇧+Opt+2	Euro currency symbol	{U+20AC}	(Alt+0128)
⇧+Opt+3	Single Left-Pointing Angle Quotation mark	{U+2039}	(Alt+0139)
⇧+Opt+4	Single Right-Pointing Angle Quotation mark	{U+203A}	(Alt+0155)
⇧+Opt+5	Latin Small Ligature Fi	{U+FB01}	(No Alt Code)
⇧+Opt+6	Latin Small Ligature Fl	{U+FB02}	(No Alt Code)
⇧+Opt+7	Double dagger (cross) symbol	{U+2021}	(Alt+0135)
⇧+Opt+8	Degree Sign	{U+00B0}	(Alt+248)
⇧+Opt+9	Middle Dot (interpunct/middot)	{U+00B7}	(Alt+250)
⇧+Opt+0	Single low-9 quotation mark	{U+201A}	(Alt+0130)
⇧+Opt+-	Em Dash punctuation mark	{U+2014}	(Alt+0151)
⇧+Opt+=	Plus Minus mathematical symbol	{U+00B1}	(Alt+241)

Updates: <http://github.com/RedBearAK/optspecialchars>

Tab key row + Option:

```
q w e r t y u i o p [ ] \
œ Σ (´) ® † ¥ (¨) (^) ø π “ ’ «
```

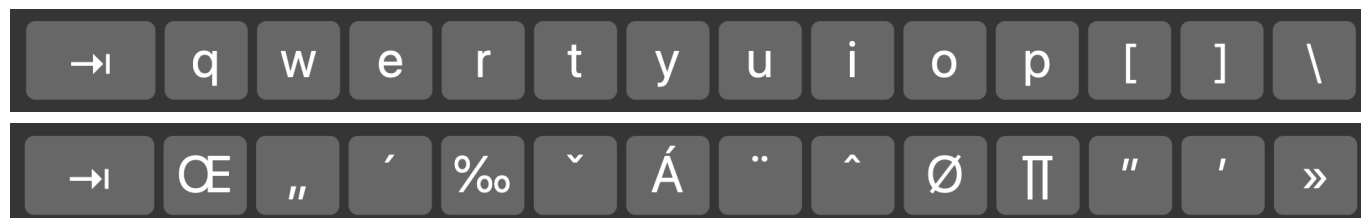


Key	Description	Unicode	Alt Code
Opt+Q	Small oe (oethel) ligature	{U+0153}	(Alt+0156)
Opt+W	N-Ary Summation (sigma) notation	{U+2211}	(No Alt Code)
Opt+E	Dead Keys Acute accent (combining)	[Note 2]	
Opt+R	Registered Trade Mark Sign	{U+00AE}	(Alt+0174)
Opt+T	Simple dagger (cross) symbol	{U+2020}	(Alt+0134)
Opt+Y	Japanese Yen currency symbol	{U+00A5}	(Alt+157)
Opt+U	Dead Keys Umlaut accent (combining)	[Note 3]	
Opt+I	Dead Keys Circumflex accent (combining)	[Note 4]	
Opt+O	Latin Small Letter o with Stroke	{U+00F8}	(Alt+0248)
Opt+P	Greek Small Letter Pi	{U+03C0}	(Alt+227)
Opt+[Left Double Quotation Mark	{U+201C}	(Alt+0147)
Opt+]	Left Single Quotation Mark	{U+2018}	(Alt+0145)
Opt+\	Left-Pointing Double Angle Quotation Mark	{U+00AB}	(Alt+174)

Updates: <http://github.com/RedBearAK/optspecialchars>

Tab key row + Option + Shift:

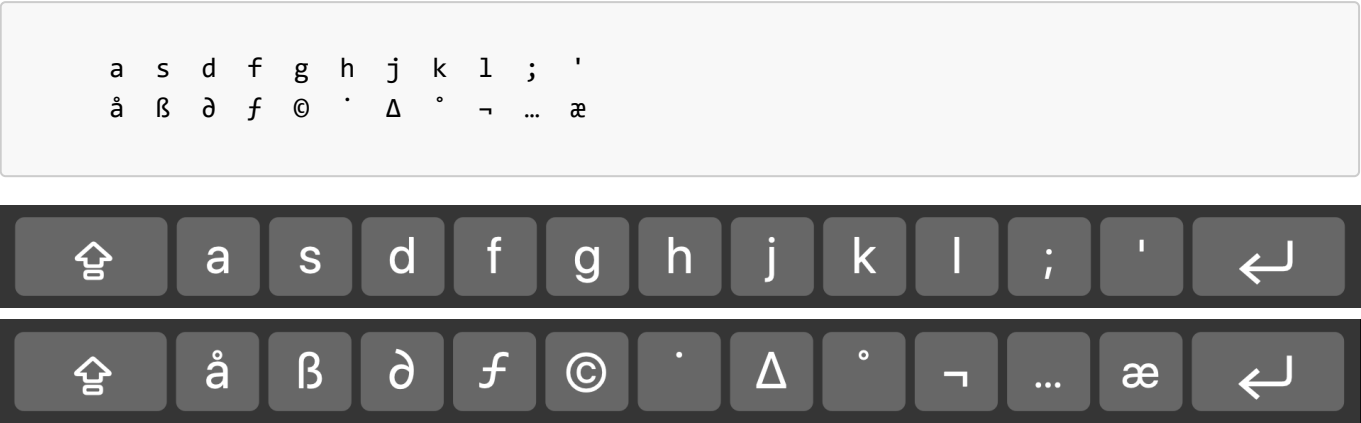
Q W E R T Y U I O P { } |
Œ „ ‘ ‰ ˇ Á “ ^ Ø ¶ ” ’ »



Key	Description	Unicode	Alt Code
⇧+Opt+Q	Capital OE (Oethel) ligature	{U+0152}	(Alt+0140)
⇧+Opt+W	Double Low-9 Quotation mark	{U+201E}	(Alt+0132)
⇧+Opt+E	Acute Accent diacritic (non-combining)	{U+00B4}	(Alt+0180)
⇧+Opt+R	Per mille symbol (zero over zero-zero)	{U+2030}	(Alt+0137)
⇧+Opt+T	Caron/hacek diacritic (non-combining)	{U+02C7}	(No Alt Code)
⇧+Opt+Y	Latin Capital Letter a with Acute	{U+00C1}	(Alt+0193)
⇧+Opt+U	Diaeresis/Umlaut (non-combining)	{U+00A8}	(Alt+0168)
⇧+Opt+I	Circumflex Accent (non-combining)	{U+02C6}	(Alt+0136)
⇧+Opt+O	Latin Capital Letter O with Stroke	{U+00D8}	(Alt+0216)
⇧+Opt+P	N-Ary Product mathematical symbol	{U+220F}	(No Alt Code)
⇧+Opt+[Right Double Quotation Mark	{U+201D}	(Alt+0148)
⇧+Opt+]	Right Single Quotation Mark	{U+2019}	(Alt+0146)
⇧+Opt+\	Right-Pointing Double Angle Quotation Mark	{U+00BB}	(Alt+175)

Updates: <http://github.com/RedBearAK/optspecialchars>

Caps Lock row + Option:



Key	Description	Unicode	Alt Code
Opt+A	Small Letter a with Ring Above	{U+00E5}	(Alt+130)
Opt+S	German Eszett/beta (Sharfes/Sharp S)	{U+00DF}	(Alt+225)
Opt+D	Partial Differential	{U+2202}	(No Alt Code)
Opt+F	Function/florin currency symbol	{U+0192}	(Alt+159)
Opt+G	Copyright Sign	{U+00A9}	(Alt+0169)
Opt+H	Dot Above diacritic (non-combining)	{U+02D9}	(No Alt Code)
Opt+J	Increment, laplace operator symbol	{U+2206}	(No Alt Code)
Opt+K	Ring Above diacritic (non-combining)	{U+02DA}	(No Alt Code)
Opt+L	Not Sign angled dash symbol	{U+00AC}	(Alt+170)
Opt+;	Horizontal ellipsis	{U+2026}	(Alt+0133)
Opt+'	Small ae ligature	{U+00E6}	(Alt+130)

Updates: <http://github.com/RedBearAK/optspecialchars>

Caps Lock row + Option + Shift:

A S D F G H J K L : "
 Å Í Î Ï “ Ó Ô [□] Ò Ú Æ



Key	Description	Unicode	Alt Code
⇧ +Opt+A	Capital Letter A with Ring Above	{U+00C5}	(Alt+143)
⇧ +Opt+S	Latin Capital Letter I with Acute	{U+00CD}	(Alt+0205)
⇧ +Opt+D	Latin Capital Letter I with Circumflex	{U+00CE}	(Alt+0206)
⇧ +Opt+F	Latin Capital Letter I with Diaeresis	{U+00CF}	(Alt+0207)
⇧ +Opt+G	Double Acute Accent (non-combining)	{U+02DD}	(No Alt Code)
⇧ +Opt+H	Latin Capital Letter O with Acute	{U+00D3}	(Alt+0211)
⇧ +Opt+J	Latin Capital Letter O with Circumflex	{U+00D4}	(Alt+0212)
⇧ +Opt+K	Apple logo [needs Baskerville font]	{U+F8FF}	(No Alt Code)
⇧ +Opt+L	Latin Capital Letter O with Grave	{U+00D2}	(Alt+0210)
⇧ +Opt+;	Latin Capital Letter U with Acute	{U+00DA}	(Alt+0218)
⇧ +Opt+'	Capital AE ligature	{U+00C6}	(Alt+146)

Updates: <http://github.com/RedBearAK/optspecialchars>

Shift keys row + Option:

z x c v b n m , . /
Ω ≈ ç √ ∫ (~) μ ≤ ≥ ÷

↵

z

x

c

v

b

n

m

,

.

/

↵

↵

Ω

≈

ç

√

∫

~

μ

≤

≥

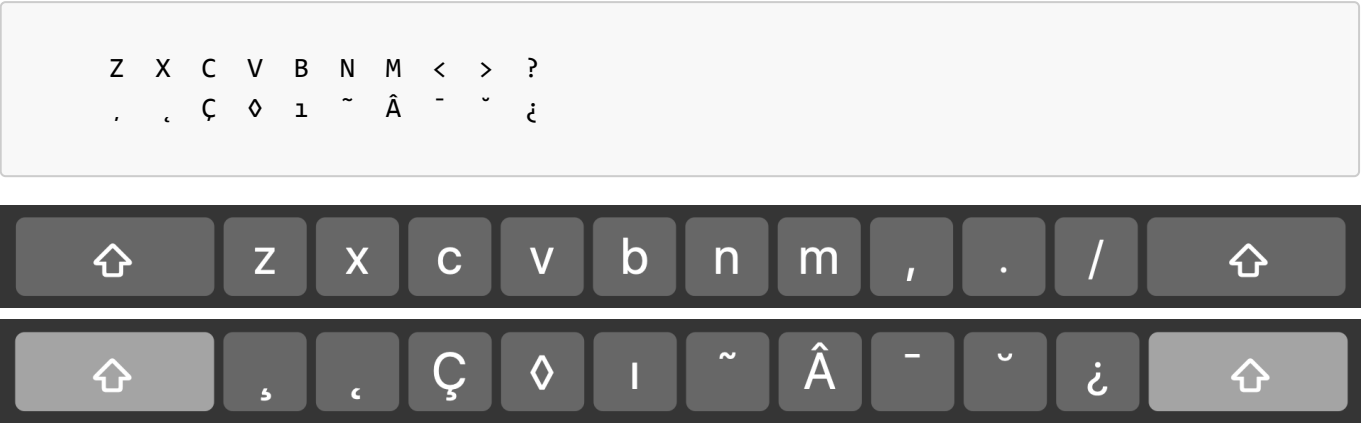
÷

↵

Key	Description	Unicode	Alt Code
Opt+Z	Greek Capital Letter Omega	{U+03A9}	(Alt+234)
Opt+X	Almost Equal To symbol	{U+2248}	(Alt+247)
Opt+C	Small Letter c with Cedilla	{U+00E7}	(Alt+130)
Opt+V	Square Root radical sign	{U+221A}	(Alt+251)
Opt+B	Integral mathematical symbol	{U+222B}	(No Alt Code)
Opt+N	Dead Keys Tilde accent (combining)	[Note 5]	
Opt+M	Micro (mu) symbol	{U+00B5}	(Alt+230)
Opt+,	Less Than or Equal To symbol	{U+2264}	(Alt+243)
Opt+.	Greater Than or Equal To symbol	{U+2265}	(Alt+242)
Opt+/,	Obelus/Division symbol	{U+00F7}	(Alt+246)

Updates: <http://github.com/RedBearAK/optspecialchars>

Shift keys row + Option + Shift:



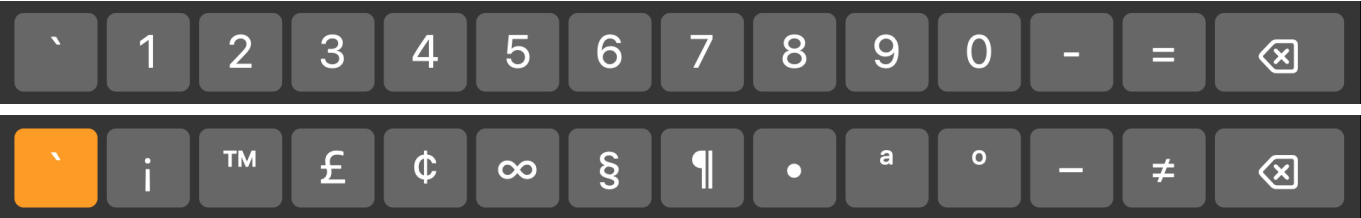
Key	Description	Unicode	Alt Code
⇧ +Opt+Z	Spacing Cedilla diacritic (non-combining)	{U+00B8}	(Alt+0184)
⇧ +Opt+X	Ogonek diacritic (non-combining)	{U+02DB}	(No Alt Code)
⇧ +Opt+C	Capital Letter C with Cedilla	{U+00C7}	(Alt+128)
⇧ +Opt+V	Lozenge (diamond) shape symbol	{U+25CA}	(No Alt Code)
⇧ +Opt+B	Latin Small Letter Dotless i	{U+0131}	(No Alt Code)
⇧ +Opt+N	Small Tilde character	{U+02DC}	(Alt+0152)
⇧ +Opt+M	Latin Capital Letter a with Circumflex	{U+00C2}	(Alt+0194)
⇧ +Opt+,	Macron/overline/overbar (non-combining)	{U+00AF}	(Alt+0175)
⇧ +Opt+.	Breve diacritic (non-combining)	{U+02D8}	(No Alt Code)
⇧ +Opt+/,	Inverted Question mark	{U+00BF}	(Alt+168)

Updates: <http://github.com/RedBearAK/optspecialchars>

[Note 1] Dead Keys: Grave Accent

Type Option+Grave, then a/e/i/o/u or A/E/I/O/U, to produce:

à è ì ò ù À È Ì Ò Ù



Key	Description	Unicode	Alt Code
Opt+`, a	Latin Small a with Grave Accent	{U+00E0}	(Alt+0224)
Opt+`, e	Latin Small e with Grave Accent	{U+00E8}	(Alt+0232)
Opt+`, i	Latin Small i with Grave Accent	{U+00EC}	(Alt+0236)
Opt+`, o	Latin Small o with Grave Accent	{U+00F2}	(Alt+0242)
Opt+`, u	Latin Small u with Grave Accent	{U+00F9}	(Alt+0249)
Opt+`, A	Latin Capital A with Grave Accent	{U+00C0}	(Alt+0192)
Opt+`, E	Latin Capital E with Grave Accent	{U+00C8}	(Alt+0200)
Opt+`, I	Latin Capital I with Grave Accent	{U+00CC}	(Alt+0204)
Opt+`, O	Latin Capital O with Grave Accent	{U+00D2}	(Alt+0210)
Opt+`, U	Latin Capital U with Grave Accent	{U+00D9}	(Alt+0217)

Updates: <http://github.com/RedBearAK/optspecialchars>

[Note 2] Dead Keys: Acute Accent

Type Option+e, then a/e/i/o/u or A/E/I/O/U, to produce:

á é í ó ú Á É Í Ó Ú



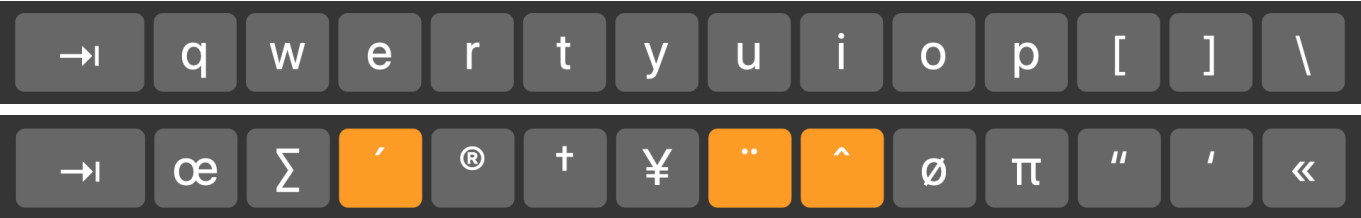
Key	Description	Unicode	Alt Code
Opt+`, a	Latin Small a with Acute Accent	{U+00E1}	(Alt+0225)
Opt+`, e	Latin Small e with Acute Accent	{U+00E9}	(Alt+0233)
Opt+`, i	Latin Small i with Acute Accent	{U+00ED}	(Alt+0237)
Opt+`, o	Latin Small o with Acute Accent	{U+00F3}	(Alt+0243)
Opt+`, u	Latin Small u with Acute Accent	{U+00FA}	(Alt+0250)
Opt+`, A	Latin Capital A with Acute Accent	{U+00C1}	(Alt+0193)
Opt+`, E	Latin Capital E with Acute Accent	{U+00C9}	(Alt+0201)
Opt+`, I	Latin Capital I with Acute Accent	{U+00CD}	(Alt+0205)
Opt+`, O	Latin Capital O with Acute Accent	{U+00D3}	(Alt+0211)
Opt+`, U	Latin Capital U with Acute Accent	{U+00DA}	(Alt+0218)

Updates: <http://github.com/RedBearAK/optspecialchars>

[Note 3] Dead Keys: Umlaut Accent

Type Option+u, then a/e/i/o/u/y or A/E/I/O/U/Y, to produce:

ä ë ï ö ü ÿ Ä Ë Ì Ö Ü Ÿ



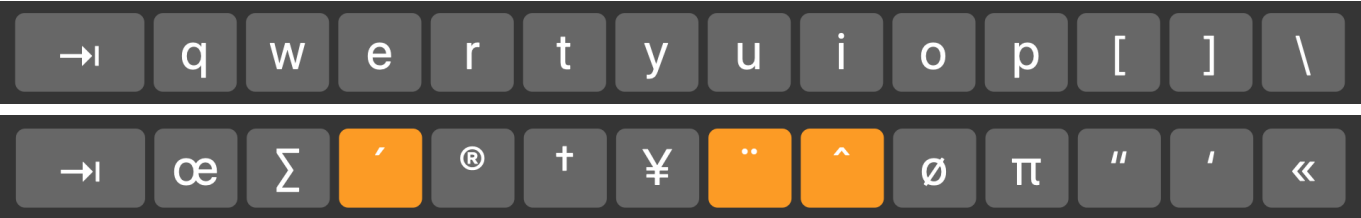
Key	Description	Unicode	Alt Code
Opt+`, a	Latin Small a with Umlaut Accent	{U+00E4}	(Alt+0228)
Opt+`, e	Latin Small e with Umlaut Accent	{U+00EB}	(Alt+0235)
Opt+`, i	Latin Small i with Umlaut Accent	{U+00EF}	(Alt+0239)
Opt+`, o	Latin Small o with Umlaut Accent	{U+00F6}	(Alt+0246)
Opt+`, u	Latin Small u with Umlaut Accent	{U+00FC}	(Alt+0252)
Opt+`, y	Latin Small y with Umlaut Accent	{U+00FF}	(Alt+0255)
Opt+`, A	Latin Capital A with Umlaut Accent	{U+00C4}	(Alt+0196)
Opt+`, E	Latin Capital E with Umlaut Accent	{U+00CB}	(Alt+0203)
Opt+`, I	Latin Capital I with Umlaut Accent	{U+00CF}	(Alt+0207)
Opt+`, O	Latin Capital O with Umlaut Accent	{U+00D6}	(Alt+0214)
Opt+`, U	Latin Capital U with Umlaut Accent	{U+00DC}	(Alt+0220)
Opt+`, Y	Latin Capital Y with Umlaut Accent	{U+0178}	(Alt+0159)

Updates: <http://github.com/RedBearAK/optspecialchars>

[Note 4] Dead Keys: Circumflex Accent

Type Option+i, then a/e/i/o/u or A/E/I/O/U, to produce:

â é î ô û Â Ê Î Ò Û



Key	Description	Unicode	Alt Code
Opt+`, a	Latin Small a with Circumflex Accent	{U+00E2}	(Alt+0226)
Opt+`, e	Latin Small e with Circumflex Accent	{U+00EA}	(Alt+0234)
Opt+`, i	Latin Small i with Circumflex Accent	{U+00EE}	(Alt+0238)
Opt+`, o	Latin Small o with Circumflex Accent	{U+00F4}	(Alt+0244)
Opt+`, u	Latin Small u with Circumflex Accent	{U+00FB}	(Alt+0251)
Opt+`, A	Latin Capital A with Circumflex Accent	{U+00C2}	(Alt+0194)
Opt+`, E	Latin Capital E with Circumflex Accent	{U+00CA}	(Alt+0202)
Opt+`, I	Latin Capital I with Circumflex Accent	{U+00CE}	(Alt+0206)
Opt+`, O	Latin Capital O with Circumflex Accent	{U+00D4}	(Alt+0212)
Opt+`, U	Latin Capital U with Circumflex Accent	{U+00DB}	(Alt+0219)

Updates: <http://github.com/RedBearAK/optspecialchars>

[Note 5] Dead Keys: Tilde Accent

Type Option+n, then a/n/o or A/N/O to produce:

ã ñ õ Ã Ñ Õ



Key	Description	Unicode	Alt Code
Opt+`, a	Latin Small a with Tilde Accent	{U+00E3}	(Alt+0227)
Opt+`, n	Latin Small n with Tilde Accent	{U+00F1}	(Alt+0241)
Opt+`, o	Latin Small o with Tilde Accent	{U+00F5}	(Alt+0245)
Opt+`, A	Latin Capital A with Tilde Accent	{U+00C3}	(Alt+0195)
Opt+`, N	Latin Capital N with Tilde Accent	{U+00D1}	(Alt+0209)
Opt+`, O	Latin Capital O with Tilde Accent	{U+00D5}	(Alt+0213)

Revision date: 2022-06-16

§ End of Document