Supported Functions

TeX functions supported by MathBoxLib, sorted into logical groups.

Accents

a' `a'`	$\tilde{a}$ `\tilde{a}`	$\mathring{g}$ `\mathring{g}`
a'' `a''`	$\widetilde{ac}$ `\widetilde{ac}`	$\overparen{AB}$ `\overparen{AB}`
a' `a^{\prime}`	$\underset{\smile}{AB}$ `\utilde{AB}`	$\underparen{AB}$ `\underparen{AB}`
$\acute{a}$ `\acute{a}`	$\vec{F}$ `\vec{F}`	$\overset{\Longrightarrow}{AB}$ `\Overrightarrow{AB}`
$\bar{y}$ `\bar{y}`	$\overleftarrow{AB}$ `\overleftarrow`	$\overrightarrow{AB}$ `\overrightarrow{AB}`
$\breve{a}$ `\breve{a}`	$\underleftarrow{AB}$ `\underleftarrow`	$\underrightarrow{AB}$ `\underrightarrow{AB}`
$\check{a}$ `\check{a}`	$\overleftharpoon{AB}$ `\overleftharpoon`	$\overrightharpoon{AB}$ `\overrightharpoon{AB}`
$\dot{a}$ `\dot{a}`	$\overleftrightarrow{AB}$ `\overleftrightarrow`	$\overbrace{AB}$ `\overbrace{AB}`
$\ddot{a}$ `\ddot{a}`	$\underleftrightarrow{AB}$ `\underleftrightarrow`	$\underbrace{AB}$ `\underbrace{AB}`
$\dddot{a}$ `\dddot{a}`	$\overline{AB}$ `\overline{AB}`	AB `\overlinesegment{AB}`
$\ddddot{a}$ `\ddddot{a}`	$\underline{AB}$ `\underline{AB}`	AB `\underlinesegment{AB}`
$\grave{a}$ `\grave{a}`	$\widecheck{AB}$ `\widecheck{AB}`	$\underline{AB}$ `\underbar{AB}`
$\hat{\theta}$ `\hat{\theta}`	$\widehat{ac}$ `\widehat{ac}`	

Delimiters

$()$ `()`	$()$ `\lparen` `\rparen`	$\lceil \rceil$ `\lceil` `\rceil`	$\uparrow$ `\uparrow`
$[]$ `[ ]`	$[]$ `\lbrack` `\rbrack`	$\lfloor \rfloor$ `\lfloor` `\rfloor`	$\downarrow$ `\downarrow`
$\{\}$ `\{ \}`	$\{\}$ `\lbrace` `\rbrace`	NO `\lmoustache`	$\updownarrow$ `\updownarrow`
$<>$ `< >`	$\langle\rangle$ `\langle` `\rangle`	$()$ `\lgroup` `\rgroup`	$\Uparrow$ `\Uparrow`
$\|$ `|`	$\vert$ `\vert`	$\ulcorner \urcorner$ `\ulcorner` `\urcorner`	$\Downarrow$ `\Downarrow`
$\|$ `|`	$\Vert$ `\Vert`	$\llcorner \lrcorner$ `\llcorner` `\lrcorner`	$\Updownarrow$ `\Updownarrow`
$\|$ `\lvert` `\rvert`	$\|$ `\lVert` `\rVert`	`\left.`	$\backslash$ `\backslash`
$\langle\rangle$ `\lang` `\rang`	$<>$ `\lt` `\gt`	$\llbracket \rrbracket$ `\llbracket` `\rrbracket`	$/$ `/`

Accent functions inside \text{...}

á \text{\'{a}}	ã \text{\~{a}}	ȧ \text{\.{a}}	a̋ \text{\H{a}}
à \text{\`{a}}	ā \text{\={a}}	ä \text{\"{a}}	ǎ \text{\v{a}}
â \text{\^{a}}	ă \text{\u{a}}	å \text{\r{a}}	

Delimiter Sizing

$$\left(\LARGE{AB}\right)$$ \left(\LARGE{AB}\right)

$$((((($$ (\big(\Big(\bigg(\Bigg(

Environments

$a \quad b$ $c \quad d$	\begin{matrix} a & b \\ c & d \end{matrix}	$a \quad b$ $c \quad d$	\begin{array}{cc} a & b \\ c & d \end{array}
$\begin{pmatrix} a & b \\ c & d \end{pmatrix}$	\begin{pmatrix} a & b \\ c & d \end{pmatrix}	$\begin{bmatrix} a & b \\ c & d \end{bmatrix}$	\begin{bmatrix} a & b \\ c & d \end{bmatrix}
$\begin{vmatrix} a & b \\ c & d \end{vmatrix}$	\begin{vmatrix} a & b \\ c & d \end{vmatrix}	$\begin{Vmatrix} a & b \\ c & d \end{Vmatrix}$	\begin{Vmatrix} a & b \\ c & d \end{Vmatrix}
$\begin{Bmatrix} a & b \\ c & d \end{Bmatrix}$	\begin{Bmatrix} a & b \\ c & d \end{Bmatrix}	$\begin{array}{c:c:c} a & b & c \\ \hline d & e & f \end{array}$	\begin{array}{c:c:c} a & b & c\\ \hline d & e & f \end{array}
$x = \begin{cases} a & \text{if } b \\ c & \text{if } d \end{cases}$	x=\begin{cases} a &\text{if } b \\ c &\text{if } d \end{cases}	$\left. \begin{array}{cc} a & \text{if } b \\ c & \text{if } d \end{array} \right\} \Rightarrow ...$	\begin{rcases} a &\text{if } b \\ c &\text{if } d \end{rcases} \Rightarrow...
$\begin{smallmatrix} a & b \\ c & d \end{smallmatrix}$	\begin{smallmatrix} a & b \\ c & d \end{smallmatrix}	$\sum_{\substack{i\in\Lambda \\ 0<j<n}}$	\sum_{ \begin{subarray}{l} i\in\Lambda\\ 0<j<n\end{subarray}}

NO `align`, `alignat`, `equation`, `split`, `gather`,`multiline` environments.

Letters and Unicode

Greek Letters

A \Alpha	B \Beta	Γ \Gamma	Δ \Delta
E \Epsilon	Z \Zeta	H \Eta	Θ \Theta
I \Iota	K \Kappa	Λ \Lambda	M \Mu
N \Nu	Ξ \Xi	O \Omicron	Π \Pi
P \Rho	Σ \Sigma	T \Tau	Υ \Upsilon
Φ \Phi	X \Chi	Ψ \Psi	Ω \Omega
$\varGamma$ \varGamma	$\varDelta$ \varDelta	$\varTheta$ \varTheta	$\varLambda$ \varLambda
$\varXi$ \varXi	$\varPi$ \varPi	$\varSigma$ \varSigma	$\varUpsilon$ \varUpsilon
$\varPhi$ \varPhi	$\varPsi$ \varPsi	$\varOmega$ \varOmega	
α \alpha	β \beta	γ \gamma	δ \delta
ϵ \epsilon	ζ \zeta	η \eta	θ \theta
ι \iota	κ \kappa	λ \lambda	μ \mu
ν \nu	ξ \xi	o \omicron	π \pi
ρ \rho	σ \sigma	τ \tau	υ \upsilon
ϕ \phi	χ \chi	ψ \psi	ω \omega
ε \varepsilon	$\varkappa$ \varkappa	ϑ \vartheta	ϑ \thetasym
ϖ \varpi	ϱ \varrho	ς \varsigma	φ \varphi
NO \digamma			

Other Letters

$\imath$ \imath	∇ \nabla	$\Im$ \Im	$\mathbb{R}$ \Reals
OE \text{OE}	$\jmath$ \jmath	∂ \partial	$\Im$ \image
$\wp$ \wp	ø \text{\o}	$\aleph$ \aleph	NO \Game
$\Bbbk$ \Bbbk	$\wp$ \weierp	Ø \text{\O}	$\aleph$ \alef
NO \Finv	$\mathbb{N}$ \N	$\mathbb{Z}$ \Z	ß \text{\ss}
$\aleph$ \alefsym	$\mathbb{C}$ \cnums	$\mathbb{N}$ \natnums	å \text{\aa}
ı \text{\i}	$\beth$ \beth	$\mathbb{C}$ \Complex	$\mathbb{R}$ \R
Å \text{\AA}	ȷ \text{\j}	$\gimel$ \gimel	ℓ \ell
$\Re$ \Re	æ \text{\ae}	$\daleth$ \daleth	$\hbar$ \hbar
$\Re$ \real	Æ \text{\AE}	ð \eth	$\hslash$ \hslash
$\mathbb{R}$ \reals	œ \text{\oe}		

Layout

Annotation

$\cancel{5}$ \cancel{5}	$\overbrace{a+b+c}^{\text{note}}$ \overbrace{a+b+c}^{\text{note}}
$\bcancel{5}$ \bcancel{5}	$\underbrace{a+b+c}_{\text{note}}$ \underbrace{a+b+c}_{\text{note}}
$\cancel{ABC}$ \xcancel{ABC}	$\neq$ \not=
$\sout{abc}$ \sout{abc}	$\boxed{\pi=\frac{c}{d}}$ \boxed{\pi=\frac{c}{d}}
$a_{\angl n}$ a_{\angl n}	$\angle{-78°}$ \phase{-78^\circ}

Vertical Layout

x_n x_n	$\stackrel{!}{=}$ \stackrel{!}{=}	NO \atop
e^x e^x	$\overset{!}{=}$ \overset{!}{=}	$a^b c$ a\raisebox{0.25em}{b}c
$_u^o$ _u^o	$\underset{!}{=}$ \underset{!}{=}	NO \vcenter
	$\sum_{\substack{0<i<m \\ 0<j<n}}$ \sum_{\substack{...}}	

NO Overlap Commands

Spacing: \, \: \; \quad \qquad \! \hskip*{distance}*
NO: \vspace, \vfill, \par

Logic and Set Theory

$\forall$ \forall	$\complement$ \complement	$\therefore$ \therefore	$\emptyset$ \emptyset
$\exists$ \exists	$\subset$ \subset	$\because$ \because	$\emptyset$ \empty
$\exists$ \exist	$\supset$ \supset	$\mapsto$ \mapsto	$\varnothing$ \varnothing
$\nexists$ \nexists	$\mid$ \mid	$\to$ \to	$\implies$ \implies
$\in$ \in	$\land$ \land	$\gets$ \gets	$\impliedby$ \impliedby
$\in$ \isin	$\lor$ \lor	$\leftrightarrow$ \leftrightarrow	$\iff$ \iff
$\notin$ \notin	$\ni$ \ni	$\notni$ \notni	$\neg$ \neg

Macros

```
\setlength{varname}{dimension}, \let\macroname=\command
\newcommand\macroname[numargs][defarg]{definition}
```

Operators

Big Operators

$\sum$ \sum	$\prod$ \prod	$\bigotimes$ \bigotimes	$\bigvee$ \bigvee
$\int$ \int	$\coprod$ \coprod	$\bigoplus$ \bigoplus	$\bigwedge$ \bigwedge
$\iint$ \iint	$\int$ \intop	$\bigodot$ \bigodot	$\bigcap$ \bigcap
$\iiint$ \iiint	NO \smallint	$\biguplus$ \biguplus	$\bigcup$ \bigcup
$\oint$ \oint	$\oiint$ \oiint	$\oiiint$ \oiiint	$\bigsqcup$ \bigsqcup

Binary Operators

$+$ +	$\cdot$ \cdot	$\gtrdot$ \gtrdot	$(\mathrm{mod}$ \pmod$)$
$-$ -	$\cdotp$ \cdotp	$\intercal$ \intercal	NO \pod
$/$ /	$\centerdot$ \centerdot	$\land$ \land	$\rhd$ \rhd
$*$ *	$\circ$ \circ	$\leftthreetimes$ \leftthreetimes	$\rightthreetimes$ \rightthreetimes
$\amalg$ \amalg	$\circledast$ \circledast	$\ldotp$ \ldotp	$\rtimes$ \rtimes
$\&$ \&	$\circledcirc$ \circledcirc	$\lor$ \lor	$\setminus$ \setminus
$*$ \ast	$\circleddash$ \circleddash	$\lessdot$ \lessdot	$\smallsetminus$ \smallsetminus
$\barwedge$ \barwedge	$\Cup$ \Cup	$\lhd$ \lhd	$\sqcap$ \sqcap
$\bigcirc$ \bigcirc	$\cup$ \cup	$\ltimes$ \ltimes	$\sqcup$ \sqcup
$\bmod$ \bmod	$\curlyvee$ \curlyvee	mod \mod	$\times$ \times
$\boxdot$ \boxdot	$\curlywedge$ \curlywedge	$\mp$ \mp	$\unlhd$ \unlhd
$\boxminus$ \boxminus	$\div$ \div	$\div$ \div	$\unrhd$ \unrhd
$\boxplus$ \boxplus	$\divideontimes$ \divideontimes	$\ominus$ \ominus	$\uplus$ \uplus
$\boxtimes$ \boxtimes	$\dotplus$ \dotplus	$\oplus$ \oplus	$\vee$ \vee
$\bullet$ \bullet	NO doublebarwedge	$\otimes$ \otimes	$\veebar$ \veebar
$\Cap$ \Cap	$\doublecap$ \doublecap	$\oslash$ \oslash	$\wedge$ \wedge
$\cap$ \cap	$\doublecup$ \doublecup	$\pm$ \pm	$\wr$ \wr

Fractions and Binomials

$\frac{a}{b}$ \frac{a}{b}	$\frac{a}{b}$ \tfrac{a}{b}	NO \genfrac
NO \over	$\dfrac{a}{b}$ \dfrac{a}{b}	NO \cfrac
a/b a/b		NO \above
$\binom{n}{k}$ \binom{n}{k}	$\dbinom{n}{k}$ \dbinom{n}{k}	NO \brace
NO \choose	$\tbinom{n}{k}$ \tbinom{n}{k}	NO \brack

Math Operators

arcsin \arcsin	cosec \cosec	deg \deg	sec \sec
arccos \arccos	cosh \cosh	dim \dim	sin \sin
arctan \arctan	cot \cot	exp \exp	sinh \sinh
arctg \arctg	cotg \cotg	hom \hom	sh \sh
arcctg \arcctg	coth \coth	ker \ker	tan \tan
arg \arg	csc \csc	lg \lg	tanh \tanh
ch \ch	ctg \ctg	ln \ln	tg \tg
cos \cos	cth \cth	log \log	th \th
gcd \gcd	f \operatorname{f}		

Math Operators with under/over limits

arg max \argmax	inj lim \injlim	min \min
arg min \argmin	lim \lim	plim \plim
det \det	lim inf \liminf	Pr \Pr
lim sup \limsup	proj lim \projlim	$\varprojlim$ \varprojlim
inf \inf	max \max	sup \sup
$\varinjlim$ \varinjlim	$\varliminf$ \varliminf	$\varlimsup$ \varlimsup

Sqrt: $\sqrt{\sqrt[2]{\sqrt[3]{\sqrt[4]{x}}}}$ $\sqrt{\sqrt[2]{\sqrt[3]{\sqrt[4]{x}}}}$

Relations

$=$ =	$\doteqdot$ \doteqdot	$\lessapprox$ \lessapprox
$<$ <	$\eqcirc$ \eqcirc	$\lesseqgtr$ \lesseqgtr
$>$ >	$-:$ \eqcolon	$\lesseqqgtr$ \lesseqqgtr
$:$:	$-::$ \Eqcolon	$\lessgtr$ \lessgtr
$\approx$ \approx	$=:$ \eqqcolon	$\lesssim$ \lesssim
$\approx:$ \approxcolon	$=::$ \Eqqcolon	$\ll$ \ll
$\approx::$ \approxcoloncolon	$\eqsim$ \eqsim	$\lll$ \lll
$\approxeq$ \approxeq	$\eqslantgtr$ \eqslantgtr	$\lllless$ \lllless
$\asymp$ \asymp	$\eqslantless$ \eqslantless	$<$ \lt
$\backepsilon$ \backepsilon	$\equiv$ \equiv	$\mid$ \mid
$\backsim$ \backsim	$\fallingdotseq$ \fallingdotseq	$\models$ \models
$\backsimeq$ \backsimeq	$\frown$ \frown	$\multimap$ \multimap
$\between$ \between	$\ge$ \ge	$\origof$ \origof
$\bowtie$ \bowtie	$\geq$ \geq	$\owns$ \owns
$\bumpeq$ \bumpeq	$\geqq$ \geqq	$\parallel$ \parallel
$\Bumpeq$ \Bumpeq	$\geqslant$ \geqslant	$\perp$ \perp
$\circeq$ \circeq	$\gg$ \gg	$\pitchfork$ \pitchfork
$:\approx$ \colonapprox	$\ggg$ \ggg	$\prec$ \prec
$::\approx$ \Colonapprox	$\gggtr$ \gggtr	NO \precapprox
$:-$ \coloneq	$>$ \gt	$\preccurlyeq$ \preccurlyeq
$::-$ \Coloneq	$\gtrapprox$ \gtrapprox	$\preceq$ \preceq
$:=$ \coloneqq	$\gtreqless$ \gtreqless	$\precsim$ \precsim
$::=$ \Coloneqq	$\gtreqqless$ \gtreqqless	$\propto$ \propto
$:\sim$ \colonsim	$\gtrless$ \gtrless	$\risingdotseq$ \risingdotseq
$::\sim$ \Colonsim	$\gtrsim$ \gtrsim	$\shortmid$ \shortmid
$\cong$ \cong	$\imageof$ \imageof	$\shortparallel$ \shortparallel
$\curlyeqprec$ \curlyeqprec	$\in$ \in	$\sim$ \sim
$\curlyeqsucc$ \curlyeqsucc	NO \Join	$\sim:$ \simcolon
$\dashv$ \dashv	$\le$ \le	$\sim::$ \simcoloncolon
$\dblcolon$ \dblcolon	$\leq$ \leq	$\simeq$ \simeq
$\doteq$ \doteq	$\leqq$ \leqq	NO \smallfrown
$\Doteq$ \Doteq	$\leqslant$ \leqslant	NO \smallsmile

Relations cont.

⌣ \smile	⊑ \sqsubset	⊑ \sqsubseteq
⊐ \sqsupset	⊒ \sqsupseteq	⋐ \Subset
⊂ \subset	⊆ \subseteq	NO \subseteqq
≻ \succ	NO \succapprox	≽ \succcurlyeq
⪰ \succeq	≿ \succsim	⋑ \Supset
⊃ \supset	⊇ \supseteq	NO \supseteqq
≈ \thickapprox	∼ \thicksim	⊴ \trianglelefteq
≜ \triangleq	⊵ \trianglerighteq	NO \varpropto
△ \vartriangle	◁ \vartriangleleft	▷ \vartriangleright
: \vcentcolon	⊢ \vdash	⊨ \vDash
⊩ \Vdash	⊪ \Vvdash	

Negated Relations

⪊ \gnapprox	≱ \ngeqslant	⊄ \nsubseteq
⪈ \gneq	≯ \ngtr	NO \nsubseteqq
≩ \gneqq	≰ \nleq	⊁ \nsucc
⋧ \gnsim	⪇ \nleqq	⋡ \nsucceq
NO \gvertneqq	≰ \nleqslant	⊅ \nsupseteq
⪉ \lnapprox	≮ \nless	NO \nsupseteqq
⪇ \lneq	∤ \nmid	⋪ \ntriangleleft
≨ \lneqq	∉ \notin	⋬ \ntrianglelefteq
⋦ \lnsim	∌ \notni	⋫ \ntriangleright
NO \lvertneqq	∦ \nparallel	⋭ \ntrianglerighteq
≇ \ncong	⊀ \nprec	⊬ \nvdash
≠ \ne	⋠ \npreceq	⊭ \nvDash
≠ \neq	∤ \nshortmid	⊯ \nVDash
≱ \ngeq	∦ \nshortparallel	⊮ \nVdash
≩ \ngeqq	≁ \nsim	NO \precnapprox
NO \precneqq	⋨ \precnsim	⊊ \subsetneq
NO \subsetneqq	NO \succnapprox	NO \succneqq
⋩ \succnsim	⊋ \supsetneq	NO \supsetneqq
NO \varsubsetneq	NO \varsubsetneqq	NO \varsupsetneq
NO \varsupsetneqq		

Arrows

↺ \circlearrowleft	↼ \leftharpoonup	⇒ \rArr
↻ \circlearrowright	⇇ \leftleftarrows	→ \rarr
↶ \curvearrowleft	↔ \leftrightarrow	↾ \restriction
↷ \curvearrowright	⇔ \Leftrightarrow	→ \rightarrow
⇓ \Darr	⇆ \leftrightarrows	⇒ \Rightarrow
⇓ \dArr	⇋ \leftrightharpoons	↣ \rightarrowtail
↓ \darr	↭ \leftrightsquigarrow	⇁ \rightharpoondown
NO \dashleftarrow	⇚ \Lleftarrow	⇀ \rightharpoonup
NO \dashrightarrow	⟵ \longleftarrow	⇄ \rightleftarrows
↓ \downarrow	⟸ \Longleftarrow	⇌ \rightleftharpoons
⇓ \Downarrow	⟷ \longleftrightarrow	⇉ \rightrightarrows
⇊ \downdownarrows	⟺ \Longleftrightarrow	↝ \rightsquigarrow
⇃ \downharpoonleft	⟼ \longmapsto	⇛ \Rrightarrow
⇂ \downharpoonright	⟶ \longrightarrow	↱ \Rsh
← \gets	⟹ \Longrightarrow	↘ \searrow
⇔ \Harr	↫ \looparrowleft	↙ \swarrow
⇔ \hArr	↬ \looparrowright	→ \to
↔ \harr	⇔ \Lrarr	↞ \twoheadleftarrow
↩ \hookleftarrow	⇔ \lrArr	↠ \twoheadrightarrow
↪ \hookrightarrow	↔ \lrarr	⇑ \Uarr
⟺ \iff	↰ \Lsh	⇑ \uArr
⟸ \impliedby	↦ \mapsto	↑ \uarr
⟹ \implies	↗ \nearrow	↑ \uparrow
⇐ \Larr	↚ \nleftarrow	⇑ \Uparrow
⇐ \lArr	⇍ \nLeftarrow	↕ \updownarrow
← \larr	↮ \nleftrightarrow	⇕ \Updownarrow
↝ \leadsto	⇎ \nLeftrightarrow	↿ \upharpoonleft
← \leftarrow	↛ \nrightarrow	↾ \upharpoonright
⇐ \Leftarrow	⇏ \nRightarrow	⇈ \upuparrows
↢ \leftarrowtail	↖ \nwarrow	
↽ \leftharpoondown	⇒ \Rarr	

NO Extensible Arrows
NO Bra-ket Notation

Style, Color, Size, and Font

Class Assignment

\mathbin \mathclose \mathinner \mathop
\mathopen \mathord \mathpunct \mathrel

Color

$F = ma$ \colorbox{aqua}{$F=ma$}
$F = ma$ \fcolorbox{red}{aqua}{$F=ma$}

Font

Ab0 \mathrm	**Ab0** \mathbf	Ab0 \mathsf
$Ab0$ \mathnormal	**Ab0** \textbf	Ab0 \textsf
Ab0 \textrm	NO \bf	NO \sf
NO \rm	NO \bold	$Ab0$ \mathsfit
Ab0 \textnormal	NO \boldsymbol	NO \Bbb
Ab0 \text	NO \bm	$\mathbb{AB}$ \mathbb
Ab0 \textup	Ab0 \textmd	NO \frak
$Ab0$ \mathit	Ab0 \mathtt	$\mathfrak{Ab0}$ \mathfrak
$Ab0$ \textit	Ab0 \texttt	$\mathcal{AB}0$ \mathcal
$Ab0$ \it	NO \tt	NO \cal
$Ab0$ \emph	Ab0 \textbfit	$\mathscr{AB}$ \mathscr

†Stack font family works partially.

Font Size

AB	\Huge AB	AB \normalsize AB
AB	\huge AB	AB \small AB
AB	\LARGE AB	AB \footnotesize AB
AB	\Large AB	AB \scriptsize AB
AB	\large AB	AB \tiny AB

Style

$\displaystyle\sum_{i=1}^n$	\displaystyle \sum_{i=1}^n
$\textstyle\sum_{i=1}^n$	\textstyle \sum_{i=1}^n
x	\scriptstyle x
x	\scriptscriptstyle x
$\lim\limits_x$	\lim\limits_x
$\lim\nolimits_x$	\lim\nolimits_x
x^2	\verb!x^2!

Symbols and Punctuation

% comment	… \dots	KᴬTᴇX \KaTeX
% \%	⋯ \cdots	LᴬTᴇX \LaTeX
# \#	⋰ \ddots	TᴇX \TeX
& \&	… \ldots	∇ \nabla
_ _	⋮ \vdots	∞ \infty
_ \text{\textunderscore}	⋯ \dotsb	∞ \infin
-- \text{--}	… \dotsc	✓ \checkmark
– \text{\textendash}	⋯ \dotsi	† \dag
--- \text{---}	⋯ \dotsm	† \dagger
— \text{\textemdash}	… \dotso	† \text{\textdagger}
~ \text{\textasciitilde}	· \sdot	‡ \ddag
^ \text{\textasciicircum}	… \mathellipsis	‡ \ddagger
` `	… \text{\textellipsis}	‡ \text{\textdaggerdbl}
' \text{\textquoteleft}	□ \Box	‡ \Dagger
' \lq	□ \square	∠ \angle
' text{\textquoteright}	■ \blacksquare	∡ \measuredangle
' \rq	△ \triangle	∢ \sphericalangle
" \text{\textquotedblleft}	▽ \triangledown	⊥ \bot
" "	◁ \triangleleft	⊤ \top
" \text{\textquotedblright}	▷ \triangleright	$ \$
: \colon	▽ \bigtriangledown	$ \text{\$}
` \backprime	△ \bigtriangleup	£ \pounds
′ \prime	▲ \blacktriangle	£ \mathsterling
NO \text{\textless}	▼ \blacktriangledown	£ \text{\pounds}
NO \text{\textgreater}	◀ \blacktriangleleft	¥ \text{\yen}
| \text{\textbar}	▶ \blacktriangleright	√ \surd
‖ \text{\textbardbl}	◇ \diamond	° \degree
{ \text{\textbraceleft}	◊ \Diamond	° \text{\textdegree}
} \text{\textbraceright}	◊ \lozenge	℧ \mho
\ \text{\backslash}	NO \blacklozenge	NO \diagdown
¶ \text{\P}	⋆ \star	NO \diagup
§ \text{\S}	NO \bigstar	♭ \flat
§ \text{\sect}	♣ \clubsuit	♮ \natural
© \copyright	♣ \clubs	♯ \sharp
® \circledR	◇ \diamondsuit	♡ \heartsuit
NO \circledS	♠ \spadesuit	♠ \spades
NO \textcircled	✠ \maltese	NO \minuso