Reference Card for TEX Typesetting with Makor

To typeset the character on the left, type the sequence on the right.

Consonants

א	‘
ב	v
ג	g
ד	h
ו	w
ז	z
ח	ch
ח	x
ט	t
י	y
כ	kh
ל	l
מ	m
נ	n
ס	s
ע	‘‘
פ	f
צ	ts
ק	q
ר	r
ש	sh
שׁ	sh^
שׂ	^s
ת	s^

Special Dagesh

בּ	b
כּ	k
פּ	p
תּ	t^

Dagesh Letters

בּ	v*
גּ	g*
דּ	h*
הּ	w*
זּ	z*
טּ	t*
יּ	y*
כּ	kh*
לּ	l*
מּ	m*
נּ	n*
סּ	s*
פּ	f*
צּ	ts*
קּ	q*
רּ	r*
שּ	sh*
שּׁ	sh^*
שּׂ	^s*
תּ	s^*

End of Word

ך	kh
ך	k
ם	m
ן	n
ף	f
ץ	ts

Defective Cholem

בֹא	bo‘
בֹאָם	bo{}‘aum

‘Non-Final’ Finals

ך	kh^
ך	k^
ם	m^
ן	n^
ף	f^
ץ	ts^

Vocalized Finals

ךָ	kh^’
ךְ	kh$
ךָ	kh^+
ךָ	kh/
ךָ	k^’
ךָ	k^+
ךָ	k/
ךָ	n^#
ךָ	n/

Basic Vowels

אֶ	‘ae
בֵ	vei
גִ	g’
דַ	da
הֶ	he
וִ	wi
זֻ	zu
חֹ	cho
טָ	tau
טָ	t+
יִ	oo
יִ	w*
וֹ	O

Final Chet-Patach

רֵיחַ	raey_ach

Oddments

־	_
–	--
—	---
״	""
׳	\’
צ׳	ts‘
ץ׳	ts‘ (EOW)

More Vowels

יַ	y:a
עֵ	kh:e
לָ	l:+
מִ	m|
נֶ	n|"
סִ	s|i
עַ	‘‘|a
פֵ	f|e
צְ	ts|+
קְ	q|’

Special Cases

לֹ	lo
לֹ	l*o
לוֹ	l{}oo
לוֹ	l*{}oo

In general, use {} to break up ligatures, as shown. Final glyphs demand other solutions. For example, if you type `s^ts‘` you get תְּץ; to get תצא, type `s^ts\NOBOUNDARY‘`.

Commands

`\input makor`

`\[...\]`

`{\CXL` *<text>*`}`
Typesets vowel-less consonants.

`\V`
Typesets vowels with their consonants.

`\NUM{`*<numbers>*`}`
Typesets *numbers* properly.

`\EXEC{`*<cmd list>*`}`
Executes the list of commands *cmd list*.

`\NOBOUNDARY`

`\:`
Typesets the colon.

`\’`
Typesets the right quote.

Hebrew Fonts

`\hfontdef{`*<fnm>*`}%`
`{`*<hfont>*`}{`*<size>*`}`
Establishes the name *fnm* to stand for the Hebrew font *hfont* at size *size*.

`\declarehdefault{`*<fnm>*`}`
Sets *fnm* as the default Hebrew font.

`{\hfont{fnm}...}`
Selects Hebrew font *fnm*.

White Space

`\HINDENT`

`\HPAR`

`\CENTERLASTLINE`
`\HINDENT` indents at right. `\HPAR` makes last line of the paragraph flush right. `\CENTERLASTLINE` centers paragraph’s last line.

The simplest way to get:

לָכֵן חַכּוּ־לִי נְאֻם־יְדוּד לְיוֹם קוּמִי לְעַד כִּי מִשְׁפָּטִי לֶאֱסֹף גּוֹיִם לְקָבְצִי מַמְלָכוֹת לִשְׁפֹּךְ עֲלֵיהֶם זַעְמִי כֹּל חֲרוֹן אַפִּי כִּי בְאֵשׁ קִנְאָתִי תֵּאָכֵל כָּל־הָאָרֶץ: צפניה ג:ח

is via this TEX input:

```
\input makor
\hfontdef{hrm}{ezramm}{12pt}\declarehdefault{hrm}
\hfontdef{hl}{ezramm}{8pt}
\noindent\[laukhaen chakoo-liy n’‘um-ydwd l’yOm qoomiy l’‘‘ad kiy
mish^’pautiy l|e‘:esof gOyim l’qauv’tsiy mam’laukhOs^ lish^pokh^’
‘‘:alaeyhem za‘‘’miy kol x:arOn ‘apiy kiy b’‘eish^ qin’‘aus^iy
t^|"‘+khael k+l-h+‘|+rets\:\ \CXLV\hfonthl[ts’fan’yauh g\:ch]\CENTERLASTLINE\]
\bye
```

If the source file is `hsource.tex`, then compile it by means of: `omega hsource`, `etex hsource`, `pdfetex hsource`, and so on.