



Shortcuts and Hot Keys for Torchmate CAD

Customize Shortcuts

Options menu >> Customize Shortcuts

Highly recommend customizing shortcut keys so that they make sense to you. Those listed are the defaults before customization.

File Menu

Ctrl + N..... New File
 Ctrl + O.....Open File
 Ctrl + P.....Windows Print
 Ctrl + S.....Save File
 Ctrl + Shift + S.....Save As

Edit Menu

Ctrl + Z..... Undo
 Ctrl + Y.....Redo
 Ctrl + R..... Repeat
 Ctrl + X..... Cut To Clipboard
 Ctrl + D..... Duplicate
 Ctrl + C..... Copy To Clipboard
 Ctrl + V..... Paste From Clipboard
 Del..... Clear
 Ctrl + E..... Edit [Object]
 Ctrl + I..... Edit Font
 F3 or Ctrl + A.....Select All
 Alt + F3..... Inverse Select
 Shift + F3.....Select None
 F4 or Alt + D.....Redraw

Layout Menu

Alt + K..... Alignment Controls
 Ctrl + K.....Apply Previous Align
 Ctrl + G.....Group
 Alt + G..... Ungroup

Arrange Menu

Ctrl + F..... Move to Front
 Ctrl + B.....Move to Back
 Ctrl + U.....Forward
 Ctrl + L..... Backward
 Ctrl + M.....Reverse
 Ctrl + H.....Make Path
 Ctrl + J..... Break Path*
 Alt + B.....Convert Text to Graphics
 Shift + F2.....Simplify
 Alt + C..... Clipping
 Alt + U.....Clipping Clear

* I recommend changing the Break Path shortcut to CTRL + B. Convert text to graphics (default hot key assignment is CTRL - B is rarely (if ever) used with TMCAD.

View Menu

Alt + S.....Show Fill
 Alt + M..... Show Bitmaps Outline
 Alt + N.....Show Line Style
 Alt + R..... Show Rulers
 Alt + I.....Show Instant Replay

See ALIGN TO LAST OBJECT below

Options Menu

Ctrl + W..... Snap To Grid
 Alt + W.....Hide Guides

Function Keys

F1.....Help
 F2.....Disable all colors except target color
 F3.....Select All
 F4..... Refresh Workspace
 F5.....Zoom Marquee
 F6.....Zoom Out
 Shift + F6..... Zoom In
 F7.....Zoom To Selected Objects
 F8..... Zoom To Sign Blank
 F9.....Toggle Previous Zoom Level
 F11.....Center Workspace on Cursor

Align To Last Object

L.....Align To Left
 R.....Align To Right
 T.....Align To Top
 B.....Align To Bottom
 E.....Center Horizontal
 C.....Center Vertical

--These are WAY cool... just discovered these myself and tested them out.

Align Selected Objects

Alt + 1..... Align Left Edges
 Alt + 2.....Center Vertically
 Alt + 3.....Align Right Edges
 Alt + 4.....Align
 Alt + 5..... Center Horizontally
 Alt + 6.....Align Bottom Edges
 Alt + 7..... Center Horizontally & Vertically

Align To Sign Blank

Alt + NumPad.....Align to Sign Blank
 Alt + Delete.....Align To Left Edge
 Alt + PgDown..... Align To Right Edge
 Alt + Ins.....Align To Top Edge
 Alt + PgUp..... Align To Bottom Edge
 Alt + End.....Center Horizontally
 Alt + Home.....Center Vertically
 Ctrl + Q.....Space Equally Horz. & Vert.

Node Edit and Arc Edit

A..... Add Node
 C.....Change Node*
 R.....Remove Node
 L.....Locate Origin At Node
 G.....Resize Grid At Node
 S..... Snap Node to Nearest Intersection
 H.....Snap Node To Horizontal
 V.....Snap Node To Vertical
 J.....Join Two Nodes With Connecting Line
 B.....Break Contour At Node
 F3.....Select All Nodes
 U..... Select Alternate Nodes (of Selection)
 D.....Deselect Current Node
 O.....Create Perfect Circle
 T.....Toggle Start Point (for plotting)
 K.....(Click) Select Node Under Cursor*

TAB.....With a node selected, tab will take you to the next node until a line break is encountered

* - Node Edit Tool Only

Resize And Move Objects

Arrow Keys.....Move Object By 1 Pixel
 Shift + Arrow Keys.....Move By 5 Pixels
 Ctrl + Drag Object..... Align Vert/Horz
 TAB.....Select Next Object
 Shift + TAB..... Select Previous Object
 Alt + Drag Object..... Create Duplicate

+ key Press once to create duplicate upon next resize/move.

Shortcuts and Hot Keys for Torchmate CAD

Object Handles (Nubs)

When an object is selected, its bounding box has four corner handles, four edge handles, and one rotate handle.

Drag Edge Handle.....Stretch or Mirror
Ctrl + Drag Edge..... 100% Increments

Right Click Handle..... Layout Tools
Shift + Right Edge.....Proportional Scale
Shift + Bottom Edge.....Proportional Scale
Shift + Left Edge..... Scale Horizontally
Shift + Top Edge.....Scale Vertically
Ctrl + Rotate Handle.....Snap Angles

Ctrl + Double-Click Parametric Object
.....Convert to Node Object

Selecting Objects

SPACE..... Activate Select Tool
Shift + Ctrl + A.....Lasso Select Tool Drag
Shift + Click.....Add To Current Selection
Alt + Click..... Select Along Contour Only
Marquee.....Select Enclosed Objects
Ctrl + Marquee..... Select Overlapped
Shift + Click Palette Color
.....Add To Current Selection

Guidelines

Right-Click, No Selection.....Edit Guides
Shift + Right-Click, No Selection.....Delete
Double-Click..... Edit Clicked Guide
Lock Guides.....Edit Guides Dialog
Right-Click Ruler.....Create Guide

Shift + Right-Click Object Handle
.....Create Guide

Shift + Right-Click Node Edit
.....Create Guide

Shift + Drag Guide.....Constrain To Grid
Ctrl + Drag Guide..... Create Parallel Guide
Alt + W.....Hide Guides

To Edit the Label Fonts:

1. Edit Guides Dialog >> Label Font

SmartBar Controls

Right-Click Arrows.....Set Default Increment
Current Nub.....For Position And Scaling

SmartBar Fields Perform Simple Math:
Convert Inches to mm.....Value * 25.4
Convert mm to Inches.....Value / 25.4

Text Compose

- Display Entire Font:
2. Right-Click Text Compose Tool
3. Choose font in Font Detective
4. Click the Select button

Change SmartBar Configuration:

1. Click Default Settings

Color Palettes

Left-Click.....Set Fill Color
Right-Click..... Set Stroke Color
Shift + Click..... Select By Fill Color
Shift + Right-Click.....Select By Stroke Color
Ctrl + Click.....Disable Color
Alt + Click.....Disable All Other Colors
Double Click.....Edit Color Dialog

Drag Color To Job Palette Color
.....Substitute Color

Drag Primer To Job Palette Color
..... Apply To Objects Of That Color

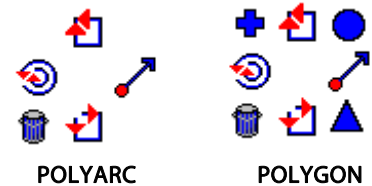
Double Click Primer
..... Primers/Highlights Dialog

Drag Color Onto "Primer: None"
..... Create New Primer/Highlight

Node Palettes

Right-Click.....Reveal Node Palette*

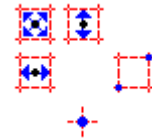
* When node editing a polyarc or polygon. The controls vary according to the object type.



Align Palette

Ctrl + Right-Click.....Reveal Align Palette

- A. Either apply to selected node,
- B. Or apply to handle of bounding box



To Restore the Origin and Grid

1. Options menu >> Reset Origin
2. Options menu >> Torchmate Setup >> General Preferences