

Laser Boxes



Making boxes with the Epilog laser can be a simple project when utilizing online resources. This tutorial will highlight MakerCase and offer some tips and tricks. We'll also touch on a couple of other box maker options.

MakerCase is an online form that you simply add the dimensions of your desired finished box and are provided cut plans in a .svg which can then be loaded into Inkscape or your favorite vector program.

MakerCase

Easy Laser Cut Case Design

<http://www.makercase.com/>

MakerCase

Easy Laser Cut Case Design

Case Dimensions

Units

Box Width

Box Height

Box Depth

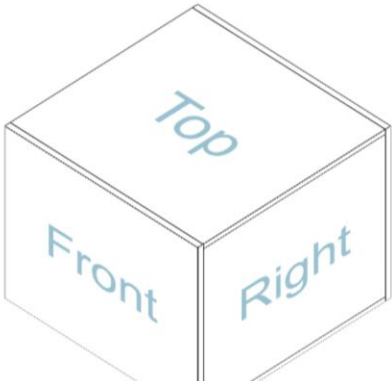
Are these inside dimensions or outside dimensions?

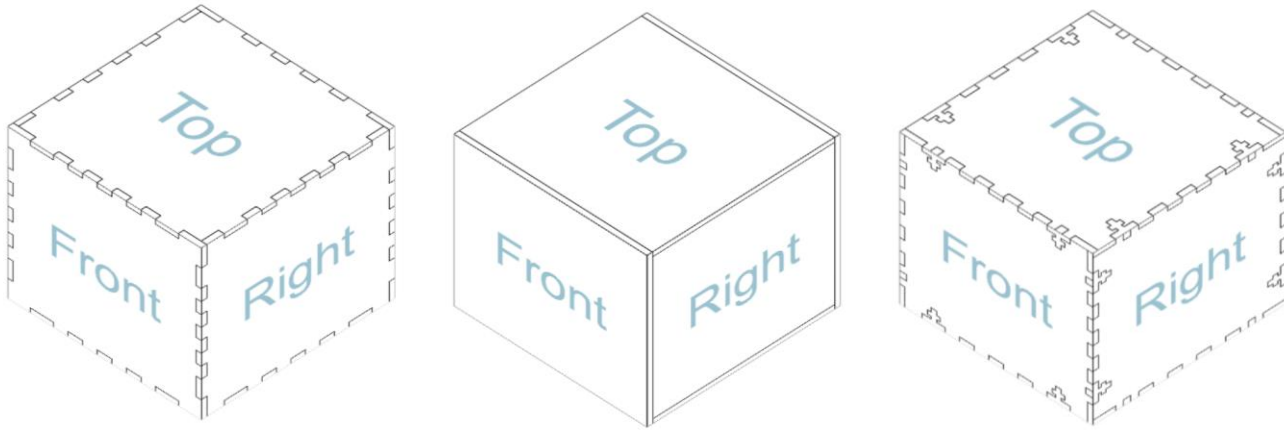
Material Thickness

Edge Joints

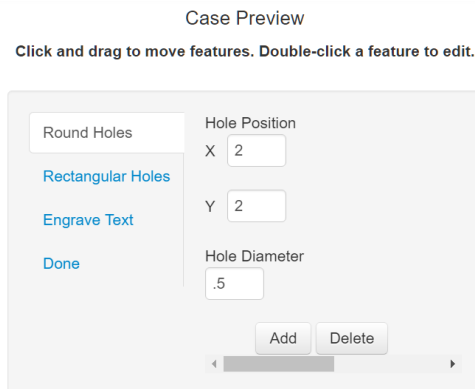
Case Preview

Drag to rotate case. Double-click a face to cut holes and engrave text.

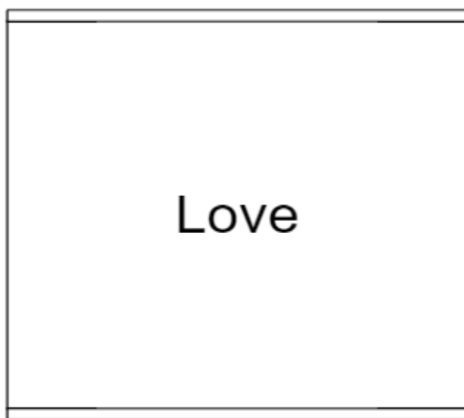




MakerCase offers 3 different types of edge joints: Flat, Finger, and T-slot. The Finger edge is also the same as tabbed (which are the only options in the Inkscape extension and makeabox.io).

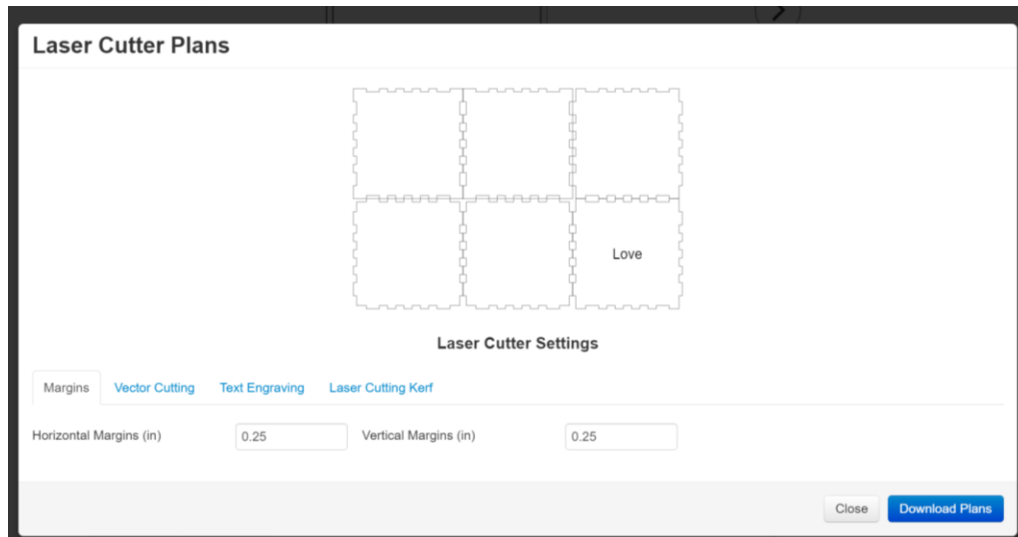


With MakerCase you also have the option to add features to any side by simple rotating the display box and double clicking on the side you want a feature added.



Features include round and rectangular holes and engraved text.

When you are ready to generate your plans, you are given a few more options. The default options have worked well for the Epilog laser, but experimenting might be necessary for your specific design.



Makeabox.io
<http://makeabox.io/>

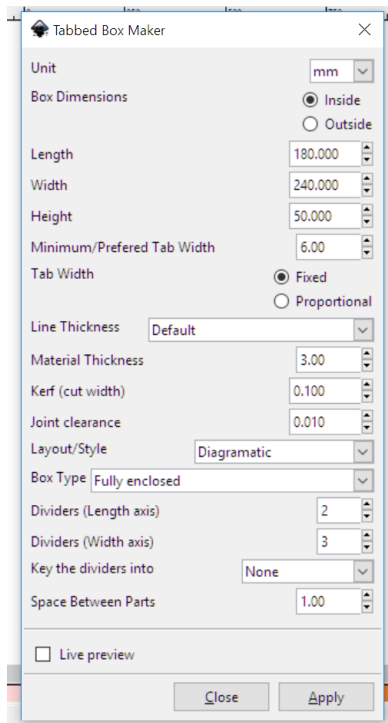


Another online box maker is the Makeabox.io

There are a few less options, but you do have the ability to download your cut file as a .pdf

Inkscape Tabbed Box Maker

<https://github.com/paulh-rnd/TabbedBoxMaker>



Finally the Tabbed Box Maker extension for Inkscape let's you work directly in Inkscape for seamless ease. One nice feature that this extension provides is the ability to leave a side open through the Box Type option.

You do have to install in the extension folder of your Inkscape program file. Once the extension has been installed, restart Inkscape and you will find the extension listed under Extensions>Laser Tools>Tabbed Box Maker...