

# SYNTHIAM

[synthiam.com](http://synthiam.com)

## (small) Tutorial On How To Create Ez-bits

the simple guide on how to design ez-bits

note: no paid software is needed

note: in order to upload the ez-bits under your name you will need to be logged in in the software and need to have a internet connection!

step one: download & install sketchup 8 or later <http://www.sketchup.com/>

step two: download and install the stl plugin: <http://extensions.sketchup.com/en/content/sketchup-stl> (or download [here](#) )

step three: start modelling to your ideas in sketchup, but keep in mind the dimensions of the ez-b connectors (pic...

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## Step 1

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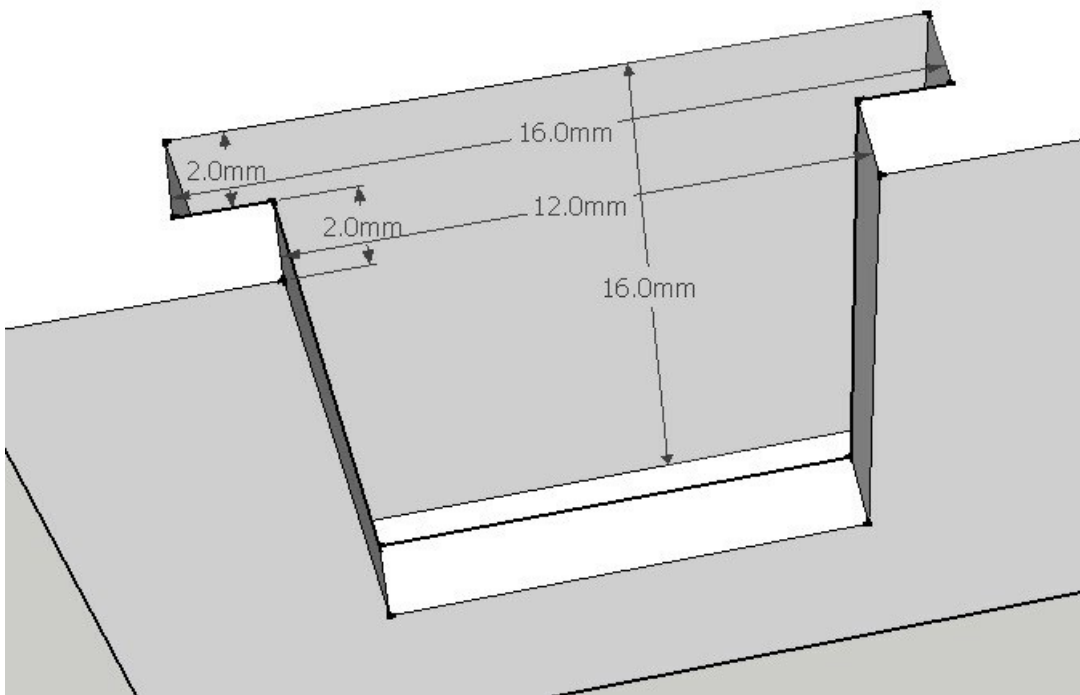
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<http://extensions.sketchup.com/en/content/sketchup-stl> (or download [here](#) )

step three: start modelling to your ideas in sketchup, but keep in mind the dimensions of the ez-b connectors (pic below is from a female connector, measurements in MM)



step four: once completed, go to file > export stl in sketchup

step 5: give it a name (for example "ez-bit connector female.stl") (you will need to add the ".stl" also, as the plugin doesn't do that sadly)

step 6: start ARC and open up the bit-builder.

step 7: follow the instructions, like adding details, snapshot and of course adding all the stl files needed for ONE component

step 8: create it

step 9: click on library in the top menu and click upload, then click "refresh library"

step 10: select the ez-bits you want to upload, read the TOS, and accept it, and lastly, click upload now.

and you're done!

note: i'm open to improvements on this tutorial