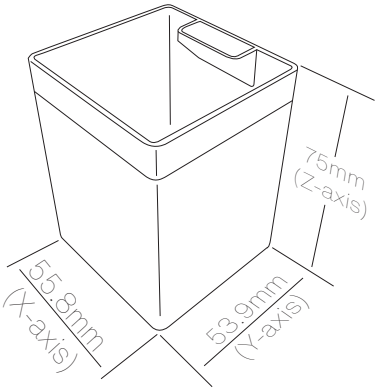
legacy sizes - readme

don't print these unless

The only reason to print any of the legacy sizes is if you've already previously printed any of my boxes or built any of my projects before the update. Initially these boxes where designed to fit with my existing drawers in my work bench, So they ended up being slightly wider than deep. Therefor these will only fit in the base grid in one direction. The updated version of the boxes called "square" will fit both ways. So if you're just about to start printing boxes or start on one of the other projects, built the square version and ignore the rest of this page.

sizes and file names

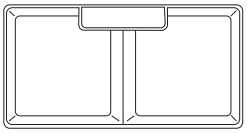
The smallest box is a 1x1, it is 55.8 x 53.9mm and 75mm tall.



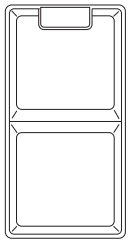
The name of the file will tell you everything you need to know about the box. The first number is the width (X-axis) of the box the second number is the depth (Y-axis)

Most of the boxes come in two types, with a label on the short side or on the long side. The label will always be on the first number of the file name, so a 1x2 box will have the label on the side that is one wide, and a file names 2x1 will have the label on the side that is two wide.

For Boxes bigger than 4 squares in one direction a split version is available. The file will either be labeled A or B at the end, representing the two individual parts making up the final box. Or it will be labeled "mirror", indicating that you can just mirror the file in your slicer to get the other side of the box.



Filename: assortment box square 2x1



Filename: assortment box square 1x2

print settings

To print these boxes as quickly as possible, a bigger nozzle is recommended.
Using either a 0.6 or a 0.8mm nozzle and setting the line width to 0.75 will allow you to print each wall in only two passes therefore speeding up your print time. Layer height is dependent on how powerful your hotend is, but something between 0.2 and 0.3 works well. Regardless of nozzle size, sett the number of perimeters high enough to avoid infill in the walls. The bottom should be solid and infill can be set to 10%.

print orientation

When importing the model into your slicer the model should be oriented so that the bottom of the box is against the build plate