

Gridfinity 1 x 2 size inserts (Can be closed individually)



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Summary

Extension to my previous gridfinity inserts. Upload as a separate model to be better organized

[Hobby & Makers](#) > [Organizers](#)

Tags: [gridfinity](#)

[Update 2024.01.01]

Due to a bug in the CAD, all D2 x 2 (height 2, 3 and 4) inserts had a missing portion from the longitudinal divider at the right bottom. Now it's corrected, the new parts named the same, but "Rev 1.02"

Added new parts, 2 x 1 x 2 D2L, 2 x 1 x 3 D2L, 2 x 1 x 4 D2L, 2 x 1 x 6 and 2 x 1 x 8 upon request.

[Update 2023.12.22]

Finished the update, also deleted the old files.

[Update 2023.12.19]

Correction

All container models were defective as the bottom thickness of the middle elevation was paper thin due to an error in my equations. Corrections are coming, the new model names end with “Rev 1.01” so please use only those. The lid is the same, it's OK.

Sorry for that.

Lid fit

I printed all the containers from PetG, and the lids from transparent Colorfabb nGen, which is also a type of PetG.

To achieve maximum transparency, I loosely followed the guidelines from the Bambu Lab wiki:

<https://wiki.bambulab.com/en/knowledge-sharing/transparent-petg>

It involves slowing down and increasing material flow (among others) that will slightly increase the size of the lids so the original dimensions are slightly smaller for the lid.

You'll have to tune it to your printer/material and settings.

(If printed the same way the lid will have a rather loose fit)

The lid should slide in easily with small resistance and there should be a definitive click at the end where the slot in the lid aligns with the notch on the container.

Step files

I also upload the new versions in .step format.

[Update 2023.12.14]

Corrected a mistake I made before

Added some new containers

[Original Upload 2023.12.07]

Addition to my previous upload of 1 x 1 sized inserts:

<https://www.printables.com/model/665798-gridfinity-1-x-1-x-2-and-1-x-1-x-3-inserts-with-co>

These are 2 x 1 sized ones.

Model files



Step Files

25 files



1-x-2-lid-parametric.step



2-x-1-x-2-rev-101.step



2-x-1-x-2-d2-rev-101.step



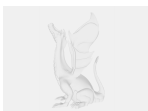
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2-x-1-x-2-d2-x-2-rev-102.step



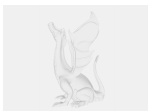
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2-x-1-x-2-d4-rev-101.step



2-x-1-x-2-d4-3-rev-101.step



2-x-1-x-2-d4-2-rev-101.step



2-x-1-x-3-rev-101.step



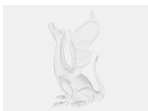
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2-x-1-x-3-d3-rev-101.step



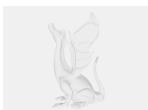
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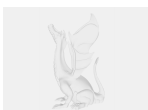
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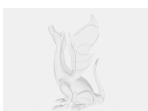
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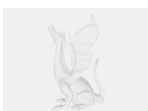
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2-x-1-x-4-d2l-rev-102.step



2-x-1-x-4-d2-x-2-rev-102.step



2-x-1-x-4-d3-rev-101.step



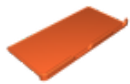
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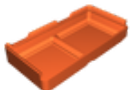
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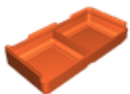
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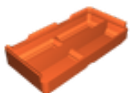
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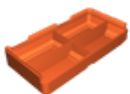
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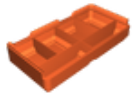
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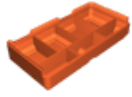
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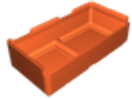
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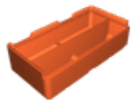
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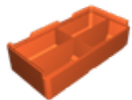
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2-x-1-x-3-d2-rev-101.stl



2-x-1-x-3-d2l-rev-102.stl



2-x-1-x-3-d2-x-2-rev-102.stl



2-x-1-x-3-d3-rev-101.stl



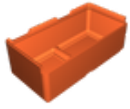
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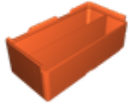
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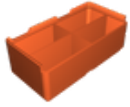
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2-x-1-x-4-d2-rev-101.stl



2-x-1-x-4-d2l-rev-102.stl



2-x-1-x-4-d2-x-2-rev-102.stl



2-x-1-x-4-d3-rev-101.stl



2-x-1-x-4-d4-rev-101.stl



2-x-1-x-6-rev-101.stl



2-x-1-x-8-rev-101.stl

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