



Gridfinity - Enhanced Vase Bins (no label flaps) (90 models)



cyron52

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Summary

Easy to print, minimal filament, structurally sound Gridfinity organizer bins.

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

Tags: [organizer](#) [bin](#) [gridfinity](#) [vasemode](#)

Updates

- 2023-06-09 - Fixed the 1x3x6u, 7u, and 8u bins. The stabilizer "X" were done wrong.
- 2023-02-04 - Original post using the [Gridfinity v5 spec](#)

Also see my other Gridfinity Bins:

- [Vase Mode Bins with Labels](#)
- [Divided Vase Mode Bins with Labels](#)
- [Divided Vase Bins \(no label flaps\)](#)

Description

These minimal filament bins will give you plenty of organizing space for very little filament. A 1x1 grid, 6u bin will use just 10.6g of filament, while a 5x5 x 8u is just 107g.

- 90 vase mode bin models
- Sizes from 1x1 up to 5x5
- Heights from 3u up to 8u (6u is standard)
- 15 matching bases

These bins are based on [vase mode bins with label flaps](#) that I originally posted, initially based on [the excellent design](#) by [Francesco Iannone](#).

Basics

Print the bins in 2 parts: base and the top (bin). Glue the pieces together for a very simple, bin.

Recommended slicer settings

Bins

- Vase mode
- Bottom layers: 4
- .4mm nozzle
 - Wall thickness: .8mm
 - Layer height:
 - .2mm below the upper lip
 - .12mm for the upper lip
- .6mm nozzle
 - Wall thickness: 1.2mm
 - Layer height:
 - .28mm below the upper lip
 - .2mm for the upper lip

Base

Print in the top-down orientation found in the STL file. This will give you a very clean top and clean magnet holes.

- ≤15% infill

TIPS

- **Faster Bases:** [Adrian-CrimsonAzure](#) pointed out that for larger bins, you can get away with printing 1x1 bases and then glue them to just

the corners of your larger bins. For a 4x4 this means printing just 4 1x1 bases rather than 16 base grid. If you're short on filament or time, this is a great option.

- **Top Stability:** To make the bin lip more stable, try printing the top of the model (from where the lip starts to the top) at a shorter layer height than the rest of the model. I go from .2 mm to .12 mm with a .4 mm nozzle. Thanks to [kevman](#) for this suggestion.
 - PrusaSlicer/SuperSlicer - Use the [height range modifier](#) to make this adjustment.
 - Cura - Try enabling [Adaptive Layer Height](#) to high quality

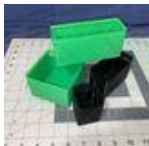
Files

These files were done up with Tinkercad and can be found here:

- Bases - <https://www.tinkercad.com/things/gkaMZJynDus>
- 3u Bins - <https://www.tinkercad.com/things/8ZGhvKbofu5>
- 4u Bins - <https://www.tinkercad.com/things/d2t43MDQRL0>
- 5u Bins - <https://www.tinkercad.com/things/an7AL76fzCq>
- 6u Bins - <https://www.tinkercad.com/things/cUchwSTd9ll>
- 7u Bins - <https://www.tinkercad.com/things/iMnvErFSt3U>
- 8u Bins - <https://www.tinkercad.com/things/1SU5i9duMXA>

Feel free to customize to your own needs.

This remix is based on

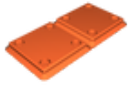


Gridfinity - Enhanced Vase Bins wth Labels (90 models)
by cyron52

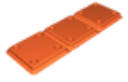
Model files

 **Bases** 15 files

 **gridfinity-1x1-base.stl**



gridfinity-1x2-base.stl



gridfinity-1x3-base.stl



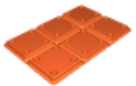
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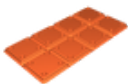
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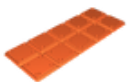
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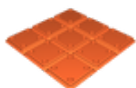
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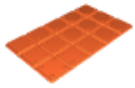
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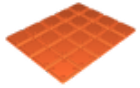
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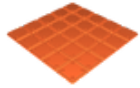
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gridfinity-4x4-base.stl



gridfinity-4x5-base.stl



gridfinity-5x5-base.stl

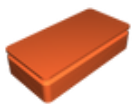


Vase Bins - 3u

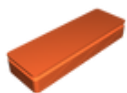
15 files



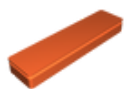
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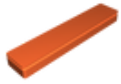
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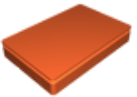
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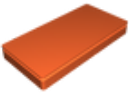
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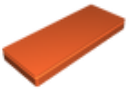
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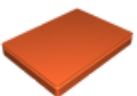
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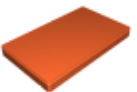
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gridfinity-v5-3x3x3u-vase-bin.stl



gridfinity-v5-3x4x3u-vase-bin.stl



gridfinity-v5-3x5x3u-vase-bin.stl



gridfinity-v5-4x4x3u-vase-bin.stl



gridfinity-v5-4x5x3u-vase-bin.stl



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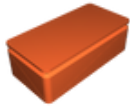


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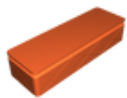
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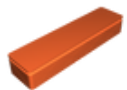
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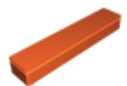
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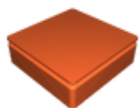
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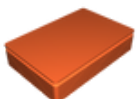
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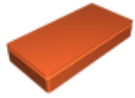
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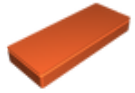
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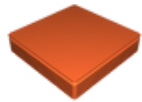
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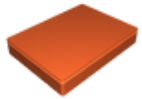
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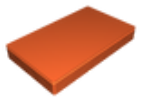
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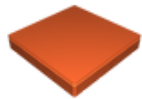
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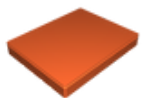
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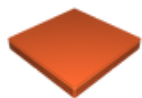
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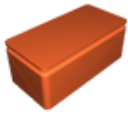


Vase Bins - 5u

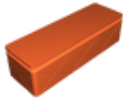
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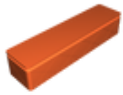
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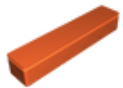
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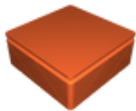
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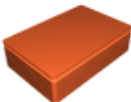
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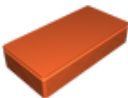
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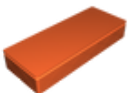
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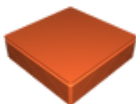
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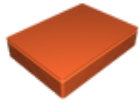
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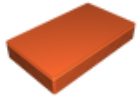
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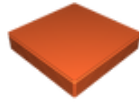
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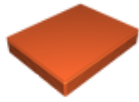
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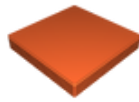
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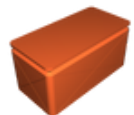


Vase Bins - 6u

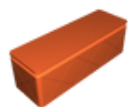
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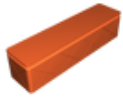
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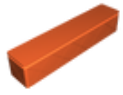
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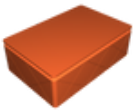
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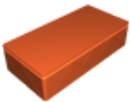
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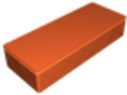
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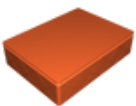
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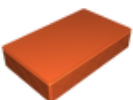
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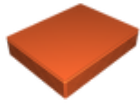
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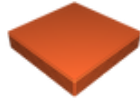
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gridfinity-v5-4x4x6u-vase-bin.stl



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gridfinitv-v5-5x5x6u-vase-bin.stl



Vase Bins - 7u

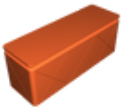
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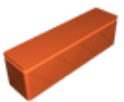
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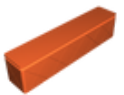
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gridfinitv-v5-1x3x7u-vase-bin.stl



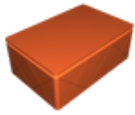
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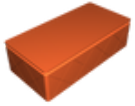
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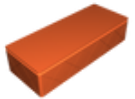
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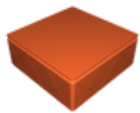
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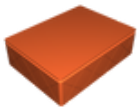
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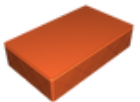
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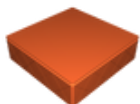
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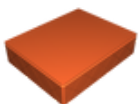
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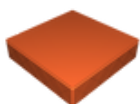
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Vase Bins - 8u

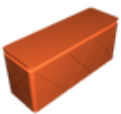
15 files



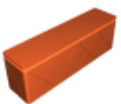
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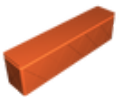
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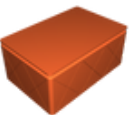
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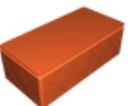
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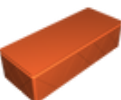
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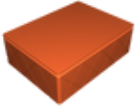
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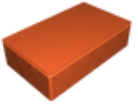
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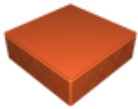
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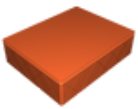
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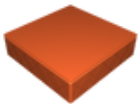
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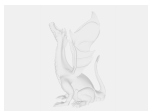


gridfinity-v5-4x5x8u-vase-bin.stl



gridfinity-v5-5x5x8u-vase-bin.stl

Other files



bins-v5-vase-mode_2023-06-09.zip

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