



## Gridfinity - Divided Vase Bins with Labels (120 models)



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updated 1. 12. 2023 | published 1. 12. 2023

## Summary

Fast, easy to print, minimal filament, structurally sound Gridfinity organizer bins with built in dividers.

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

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

## Updates

- 2023-12-01 - Added single corner and half grid bases for even more minimal printing
- 2023-09-29 - Replaced the 1x3x3u x5 bin which wouldn't slice properly
- 2023-02-04 - Original post using the [Gridfinity v5 spec](#)

## Also see my other Gridfinity Bins:

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

## Description

Vase mode bins made even better with built-in dividers. Now you can print bigger bins that are subdivided rather than multiple small bins.

- 120 vase mode bin models
- Sizes from 1x1 w 2 dividers up to 1x5 with 8 dividers
- Heights from 3u up to 8u (6u is standard)
- 5 matching bases
- A 1x5x6u x8 divider bin only takes 42g of filament

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 label flap
    - .12mm for the label flap and upper lip
- .6mm nozzle
  - Wall thickness: 1.2mm
  - Layer height:
    - .28mm below the label flap
    - .2mm for the label flap and upper lip

### Bases

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

- $\leq 15\%$  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

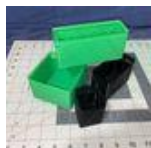
## Files

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/8CDAQZSZaXd>
- 4u Bins - <https://www.tinkercad.com/things/9pVXnFOyuNQ>
- 5u Bins - <https://www.tinkercad.com/things/3C6qRDaojwk>
- 6u Bins - <https://www.tinkercad.com/things/6UwlnZBLLib>
- 7u Bins - <https://www.tinkercad.com/things/5tMfRTqOqMu>
- 8u Bins - <https://www.tinkercad.com/things/iRemt67XyUh>

Feel free to customize to your own needs.

## This remix is based on



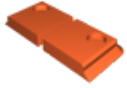
**Gridfinity - Enhanced Vase Bins wth Labels (90 models)**  
by cyron52

## Model files

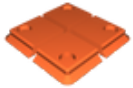
 **Bases** 10 files



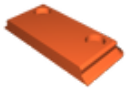
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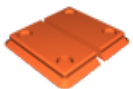
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**gridfinity-single-corner-base-x4.stl**



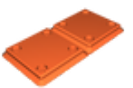
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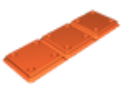
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**gridfinity-1x1-base.stl**



**gridfinity-1x2-base.stl**



**gridfinity-1x3-base.stl**



**gridfinity-1x4-base.stl**



**gridfinity-1x5-base.stl**

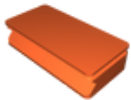


## Divided Vase Label Bins - 3u

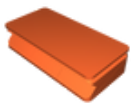
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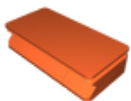
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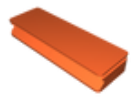
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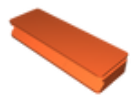
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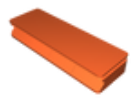
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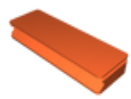
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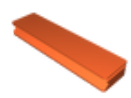
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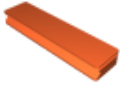
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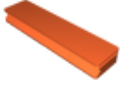
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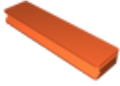
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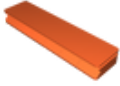
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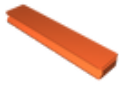
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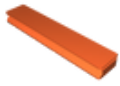
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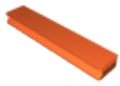
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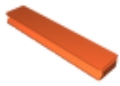
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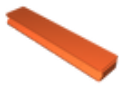
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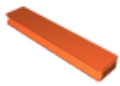
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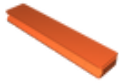
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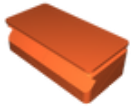


**Divided Vase Label Bins - 4u**

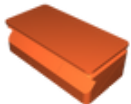
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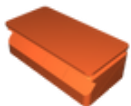
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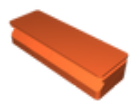
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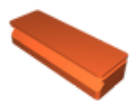
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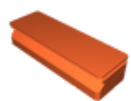
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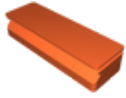
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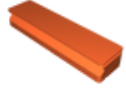
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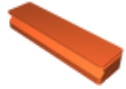
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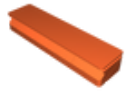
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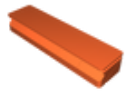
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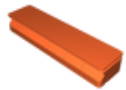
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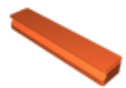
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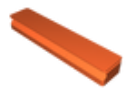
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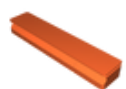
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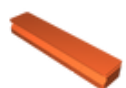
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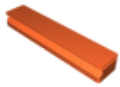


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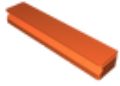


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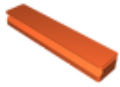




**gridfinity-v5-1x5x4u-x6-divided-vase-label-bin.stl**



**gridfinity-v5-1x5x4u-x7-divided-vase-label-bin.stl**



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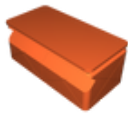


**Divided Vase Label Bins - 5u**

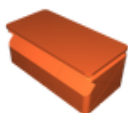
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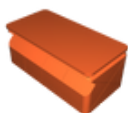
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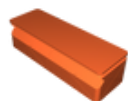
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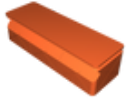
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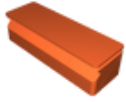
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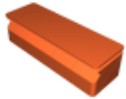
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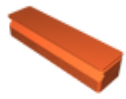
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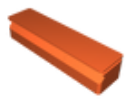
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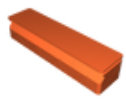
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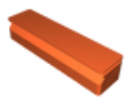
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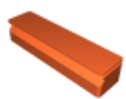
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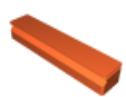
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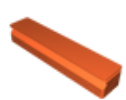
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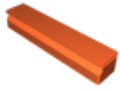
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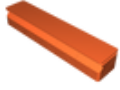
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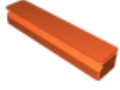
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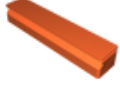
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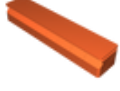
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**gridfinity-v5-1x5x5u-x6-divided-vase-label-bin.stl**



**gridfinity-v5-1x5x5u-x7-divided-vase-label-bin.stl**



**gridfinity-v5-1x5x5u-x8-divided-vase-label-bin.stl**



**Divided Vase Label Bins - 6u**

20 files



**gridfinity-v5-1x1x6u-x2-divided-vase-label-bin.stl**



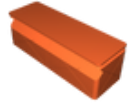
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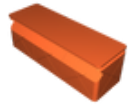
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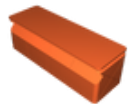
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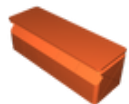
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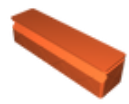
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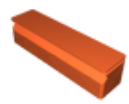
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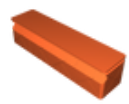
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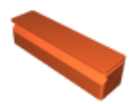
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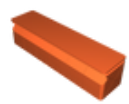
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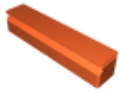
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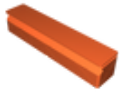
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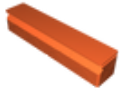
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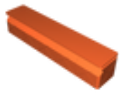
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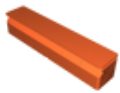
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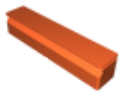
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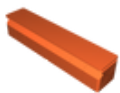
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**gridfinitv5-1x5x6u-x6-divided-vase-label-bin.stl**



**gridfinitv5-1x5x6u-x7-divided-vase-label-bin.stl**



**gridfinitv5-1x5x6u-x8-divided-vase-label-bin.stl**



**Divided Vase Label Bins - 7u**

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**gridfinitv5-1x1x7u-x2-divided-vase-label-bin.stl**



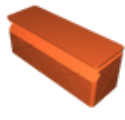
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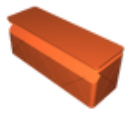
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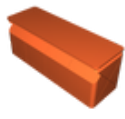
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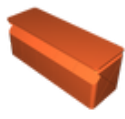
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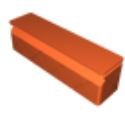
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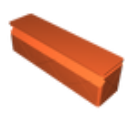
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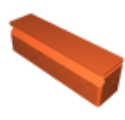
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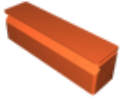
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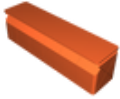
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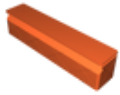
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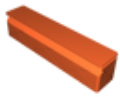
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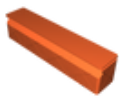
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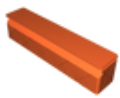
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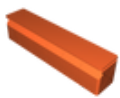
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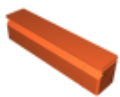
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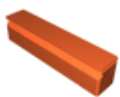
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**gridfinity-v5-1x5x7u-x6-divided-vase-label-bin.stl**



**gridfinity-v5-1x5x7u-x7-divided-vase-label-bin.stl**



**gridfinity-v5-1x5x7u-x8-divided-vase-label-bin.stl**



## Divided Vase Label Bins - 8u

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**gridfinity-v5-1x1x8u-x2-divided-vase-label-bin.stl**



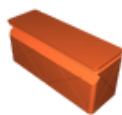
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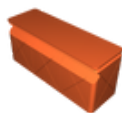
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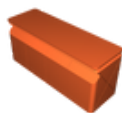
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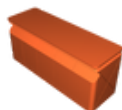
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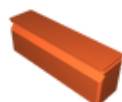
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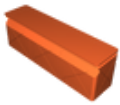


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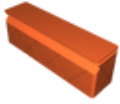


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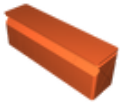




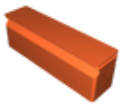
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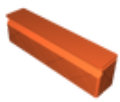
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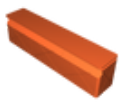
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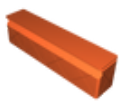
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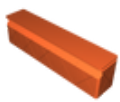
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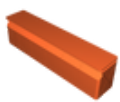
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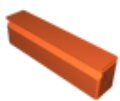
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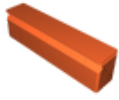
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**gridfinity-v5-1x5x8u-x6-divided-vase-label-bin.stl**



**gridfinity-v5-1x5x8u-x7-divided-vase-label-bin.stl**



gridfinity-v5-1x5x8u-x8-divided-vase-label-bin.stl

## Other files



bins-v51-divided-vase-mode-with-label\_2023-12-01.zip

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