Gridfinity lite - economical plain storage bins

Jake

VIEW IN BROWSER

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Summary

Gridfinity storage bin modules hacked to favour lower print time and filament usage over aesthetics and convenience

Hobby & Makers > Organizers

Tags: storage storagebox gridfinity

Zack Freedman's Gridfinity system features thick bases, scoops and label areas so make a system that is highly functional. These economical storage boxes trade-off functionality and aesthetics in an attempt to reduce print time, filament usage and maximise internal volume.

The original designs are more functional and prettier, but these are cheaper - you can decide what is more important to you for your circumstances. For me these work well for dividing up an IKEA Alex drawer full of larger items. For nuts bolts and screws I would always go back to the original divider bins with scoops and labels.

aesthetics-wise, once you have filled it full of stuff you won't notice. NOTE: These also do not feature magnet holes in the bottom.

To give you an example on how much time and filament you can save here's an example for 2x4x6 bins:

Filament Used	Time	
Plain Bin	95g	3h25
Lite version	75g	2h24

A whole hour saved in this instance is not insignificant and well worth considering in my opinion.

I have generated models for 1x1 up to 6x6 (and all combinations thereof) for 3, 6, 9 and 12u heights. I can easily generate more so leave a comment with what sizes you want and I'll add them.

Larger prints of these can sometimes suffer from slight curling in the corners. In my experience this is mostly aesthetic and does not affect the ability to fit it in the grid/frame. That said, to avoid this you can try adding a small brim (thanks to stern.shawn for the suggestion)

I have only been able to test a few of these models, so please let me know if you run into any issues. All models were generated from a hacked version of this awesome OpenSCAD script.
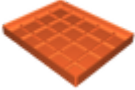
This remix is based on

Gridfinity Rebuilt in OpenSCAD

Gridfinity Rebuilt in OpenSCAD

by kennetek

Model files

📂 **3 High**	21 files

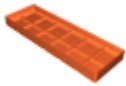**gridfinity-lite-3x4x3.stl**

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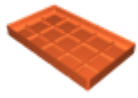
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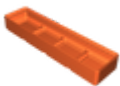**gridfinity-lite-1x5x3.stl**

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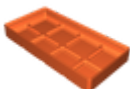**gridfinity-lite-5x5x3.stl**

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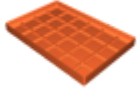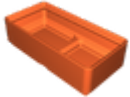**gridfinity-lite-3x3x3.stl**

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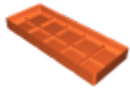
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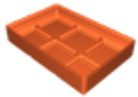
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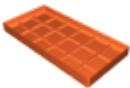
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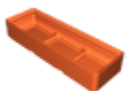
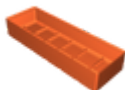**gridfinity-lite-1x3x3.stl**
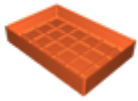
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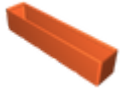
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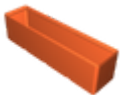
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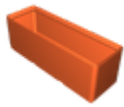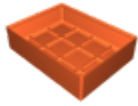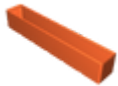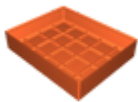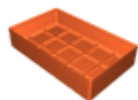
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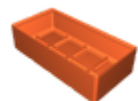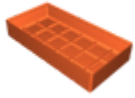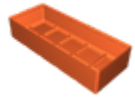gridfinity-lite-4x4x6.stl

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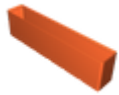
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gridfinity-lite-1x6x6.stl

gridfinity-lite-4x5x6.stl

gridfinity-lite-5x6x6.stl

gridfinity-lite-3x3x6.stl

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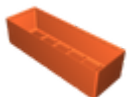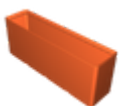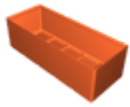**gridfinity-lite-3x6x6.stl**

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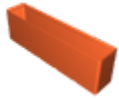**gridfinity-lite-2x4x9.stl**

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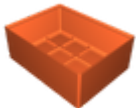**gridfinity-lite-2x5x9.stl**

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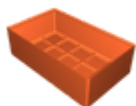**gridfinity-lite-1x2x9.stl**

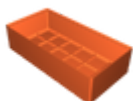**gridfinity-lite-6x6x9.stl**

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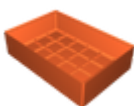
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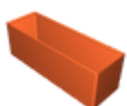**gridfinity-lite-5x5x9.stl**

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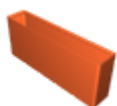 **12 High**   21 files

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gridfinity-lite-1x5x12.stl

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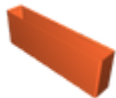
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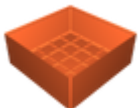
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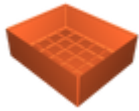**gridfinity-lite-2x5x12.stl**

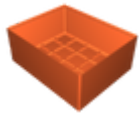**gridfinity-lite-4x4x12.stl**

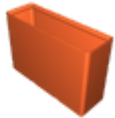**gridfinity-lite-5x5x12.stl**

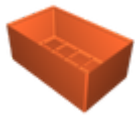**gridfinity-lite-3x6x12.stl**

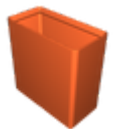**gridfinity-lite-4x6x12.stl**

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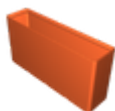
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gridfinity-lite-1x2x12.stl

gridfinity-lite-3x3x12.stl

gridfinity-lite-1x4x12.stl

gridfinity-lite-2x2x12.stl

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