Gridfinity Bins with Lids (parametric remix)

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VIEW IN BROWSER

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Summary

Gridfinity bins with lids (covers), reimplemented as a parametric model in OpenSCAD

Hobby & Makers > Organizers

Tags: lid storage cover bin gridfinity gridfinityrebuilt gridfinitybin

VIEW CODE ON GITHUB

I really like **mhejjas' Gridfinity 1 x 1 x 2 and 1 x 1 x 3 inserts with cover, divided in multiple ways**, but I also wanted to make bins of arbitrary sizes.

This is a parametric reimplementation of the original model in OpenSCAD, using **Gridfinity Rebuilt in OpenSCAD** by **kennetek** for the core Gridfinity elements.
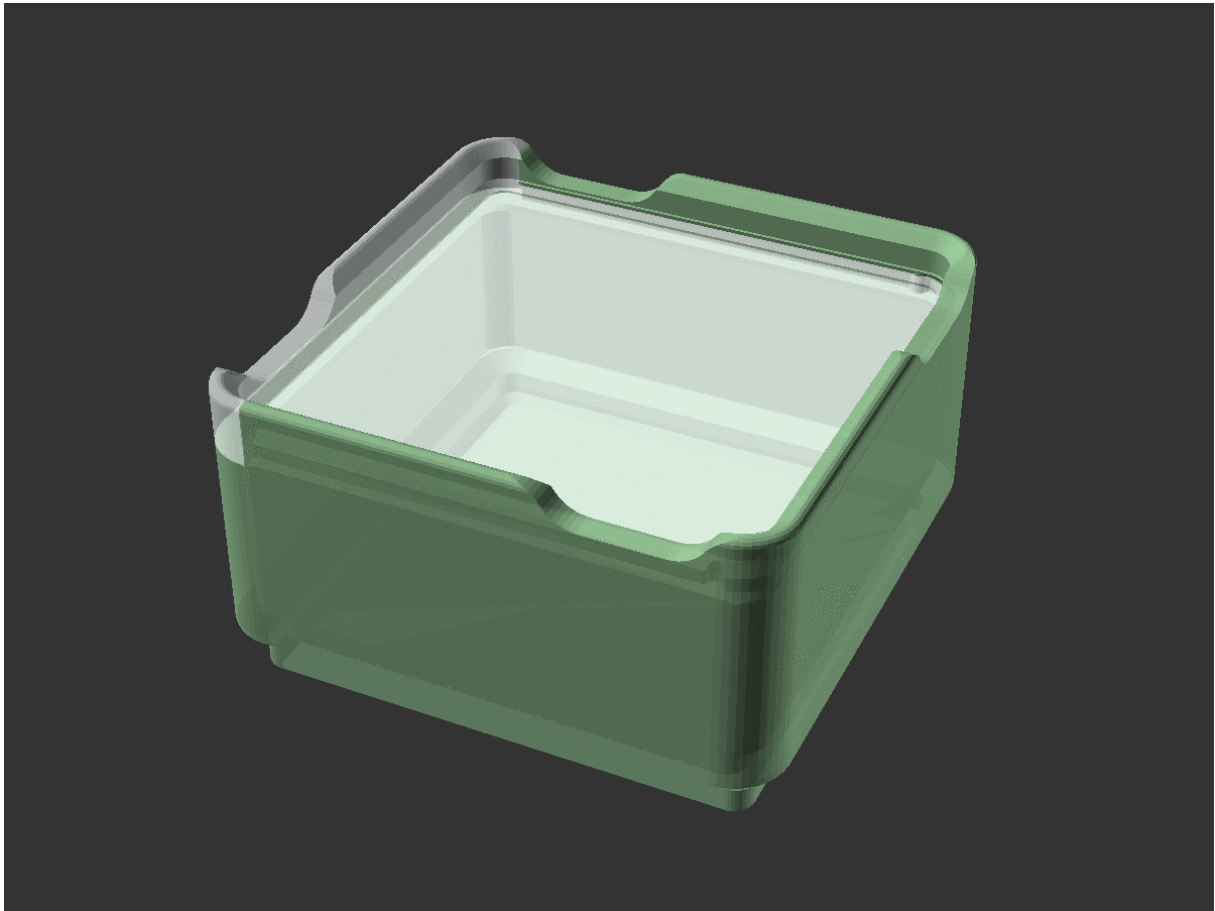
OpenSCAD usage

The OpenSCAD model depends on included third-party library code. Download and unzip libraries.zip into the same folder as lid-bin.scad.

This remix is based on

Gridfinity Rebuilt in OpenSCAD
by kennetek

Gridfinity 1 x 1 x 2 and 1 x 1 x 3 inserts with cover, divided in multiple ways
by mhejjas

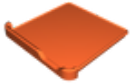**Gridfinity 1 x 2 size inserts (Can be closed individually)**
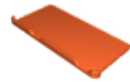by mhejjas

Model files

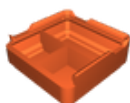## lids   3 files

lid-1x1.stl

lid-2x2.stl

lid-1x2.stl

1x1x2   8 files

bin-1x1x2-1x1y.stl

bin-1x1x2-1x2y.stl

bin-1x1x2-2x2y.stl

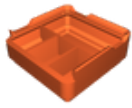**bin-1x1x2-2x2y-multi2.stl**

bin-1x1x2-2x3y.stl

bin-1x1x2-2x3y-multi2.stl

bin-1x1x2-3x3y.stl

bin-1x1x2-3x3y-multi2.stl

1x1x3   8 files

bin-1x1x3-1x1y.stl
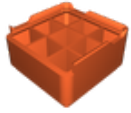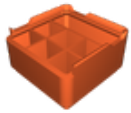
bin-1x1x3-1x2y.stl

bin-1x1x3-2x2y-multi2.stl

bin-1x1x3-2x2y.stl
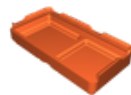
bin-1x1x3-2x3y.stl

bin-1x1x3-2x3y-multi2.stl

bin-1x1x3-3x3y.stl

bin-1x1x3-3x3y-multi2.stl

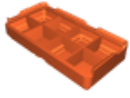📂 **1x2x2**   10 files
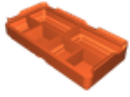
bin-1x2x2-1x1y.stl
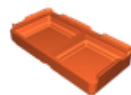
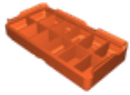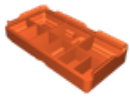**bin-1x2x2-1x2y.stl**
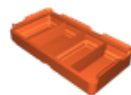
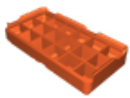**bin-1x2x2-1x4y.stl**
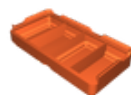
bin-1x2x2-1x4y-multi2.stl

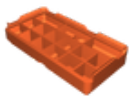**bin-1x2x2-2x4y.stl**

bin-1x2x2-2x4y-multi2.stl

bin-1x2x2-2x6y.stl

bin-1x2x2-2x6y-multi2.stl

bin-1x2x2-3x6y.stl

bin-1x2x2-3x6y-multi2.stl

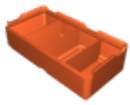**1x2x3**   10 files
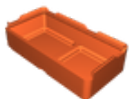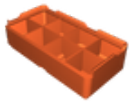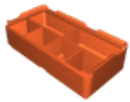
bin-1x2x3-1x1y.stl

bin-1x2x3-1x2y.stl
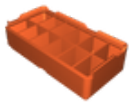
bin-1x2x3-1x4y.stl
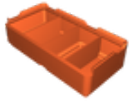
bin-1x2x3-1x4y-multi2.stl

bin-1x2x3-2x4y.stl

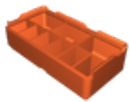**bin-1x2x3-2x4y-multi2.stl**

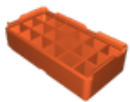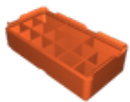**bin-1x2x3-2x6y.stl**

bin-1x2x3-2x6y-multi2.stl

bin-1x2x3-3x6y.stl

bin-1x2x3-3x6y-multi2.stl

2x2x2   11 files

bin-2x2x2-1x1y.stl

bin-2x2x2-2x2y.stl

bin-2x2x2-2x2y-multi2.stl

bin-2x2x2-2x4y.stl

bin-2x2x2-2x4y-multi2.stl

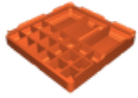**bin-2x2x2-4x4y.stl**

bin-2x2x2-4x4y-multi2.stl

bin-2x2x2-4x6y.stl

bin-2x2x2-4x6y-multi2.stl

bin-2x2x2-6x6y.stl

bin-2x2x2-6x6y-multi2.stl

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bin-2x2x3-1x1y.stl

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bin-2x2x3-2x2y.stl

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bin-2x2x3-2x2y-multi2.stl

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bin-2x2x3-2x4y.stl

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bin-2x2x3-2x4y-multi2.stl

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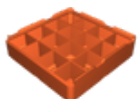
bin-2x2x3-4x4y.stl

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bin-2x2x3-4x4y-multi2.stl
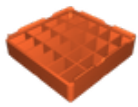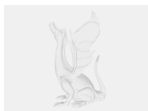
bin-2x2x3-4x6y.stl

bin-2x2x3-4x6y-multi2.stl

bin-2x2x3-6x6y.stl

bin-2x2x3-6x6y-multi2.stl

lid-bin.scad

🗋 OpenSCAD model. To use, download and extract libraries.zip into the same directory.

Other files

libraries.zip

🗋 Third-party libraries package. Extract this file in the same directory as the model .scad file.

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