



Gridfinity Deep 1x1 Bin



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[VIEW IN BROWSER](#)

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Summary

This is my parametric implementation of an extra-deep 1x1 Gridfinity bin.

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

Tags: [gridfinity](#)

This bin follows the design of the original Gridfinity basic bin. However the internal space extends down into that space normally reserved for the magnets.

I've exported several sizes but if there's something that you would like to tweak you can open the CAD file here: <https://cad.onshape.com/documents/b9ef65c6b1170f698f0ae743>

The files exported here all have 1.7mm walls and a 1.2mm thick base. I only exported divided bins up to 3 units deep.

Configurations

- Z Units: 1 - 24
- Wall thickness: 1.7mm (0.8mm - 2mm)
- Base Thickness: 1.2mm (0.2mm - 2mm)
- Front Fillet
- Divider
- Label

- Label Width: 9mm (6mm - 12mm)

While I tried to get all the variants to work, not all possible combinations are valid. For example a very thick base with thin walls might not generate without errors.

Related

- These bins are compatible with my [Modern Gridfinity Case](#) design. Note that the case files on Printables are only 6 units deep.
- Andreas Mass designed a [divider add-on](#) to keep parts from mixing in divided bins when using my case.

License

These files are licensed under the [MIT license](#) just like the core gridfinity designs. Printables currently doesn't have an option for this license.

This remix is based on




Gridfinity Divider Bins - 3D model by ZackFreedman on Thangs

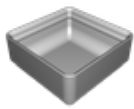
by ZackFreedman

Model files

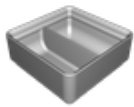
 **Plain** 11 files

**gridfinity_deep_1x1x1_rev1.3mf**

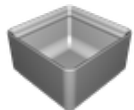
**gridfinity_deep_1x1x1_divided_rev1.3mf**



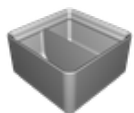
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gridfinity_deep_1x1x2_divided_rev1.3mf



gridfinity_deep_1x1x3_rev1.3mf



gridfinity_deep_1x1x3_divided_rev1.3mf



gridfinity_deep_1x1x4_rev1.3mf



gridfinity_deep_1x1x5_rev1.3mf



gridfinity_deep_1x1x6_rev1.3mf



gridfinity_deep_1x1x7_rev1.3mf

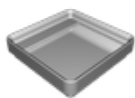


gridfinity_deep_1x1x8_rev1.3mf

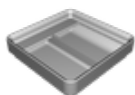


6mm Label

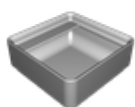
11 files



gridfinity_deep_1x1x1_ff_6mm_label_rev1.3mf



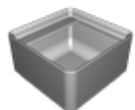
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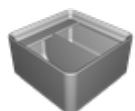
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gridfinity_deep_1x1x2_ff_divided_6mm_label_rev1.3mf



gridfinity_deep_1x1x3_ff_6mm_label_rev1.3mf



gridfinity_deep_1x1x3_ff_divided_6mm_label_rev1.3mf



gridfinity_deep_1x1x4_ff_6mm_label_rev1.3mf



gridfinity_deep_1x1x5_ff_6mm_label_rev1.3mf



gridfinity_deep_1x1x6_ff_6mm_label_rev1.3mf



gridfinity_deep_1x1x7_ff_6mm_label_rev1.3mf

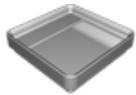


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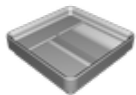


9mm Label

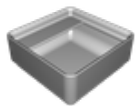
11 files



gridfinity_deep_1x1x1_ff_9mm_label_rev1.3mf



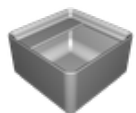
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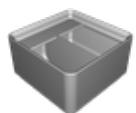
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gridfinity_deep_1x1x2_ff_divided_9mm_label_rev1.3mf



gridfinity_deep_1x1x3_ff_9mm_label_rev1.3mf



gridfinity_deep_1x1x3_ff_divided_9mm_label_rev1.3mf



gridfinity_deep_1x1x4_ff_9mm_label_rev1.3mf



gridfinity_deep_1x1x5_ff_9mm_label_rev1.3mf



gridfinity_deep_1x1x6_ff_9mm_label_rev1.3mf



gridfinity_deep_1x1x7_ff_9mm_label_rev1.3mf

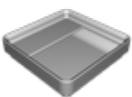


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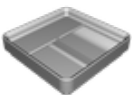


12mm Label

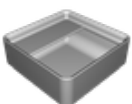
11 files



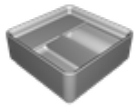
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gridfinity_deep_1x1x1_ff_divided_12mm_label_rev1.3mf



gridfinity_deep_1x1x2_ff_12mm_label_rev1.3mf



gridfinity_deep_1x1x2_ff_divided_12mm_label_rev1.3mf



gridfinity_deep_1x1x3_ff_12mm_label_rev1.3mf



gridfinity_deep_1x1x3_ff_divided_12mm_label_rev1.3mf



gridfinity_deep_1x1x4_ff_12mm_label_rev1.3mf



gridfinity_deep_1x1x5_ff_12mm_label_rev1.3mf



gridfinity_deep_1x1x6_ff_12mm_label_rev1.3mf



gridfinity_deep_1x1x7_ff_12mm_label_rev1.3mf



gridfinity_deep_1x1x8_ff_12mm_label_rev1.3mf

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