Gridfinity Screw Together baseplate

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VIEW IN BROWSER

updated 2. 12. 2022 | published 2. 12. 2022

Summary

My gridfinity baseplates wouldn' fit perfectly in my toolbox so I decided to make my own variation, that screws together

Hobby & Makers > Organizers

Tags: gridfinity

this system is fully compatible with standard grifinity models.

Based on ZackFreedman design

it screws together using 4-40 socket head cap screws and heat set inserts, with an optional 1/8 dowel pin in the center if you want to be truly overkill! the holes are for press fits with 6x2 magnets.

4-40 heat set inserts

6x2mm magnets

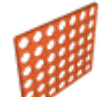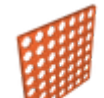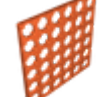4-40 socket head cap screws

1/8 in dowel pin

If you find any problems with the model let me know, the SOLIDWORKS model can be a bit glitchy still working on fixing it, I recommend changing

the length of the model before the width since it seems to be more reliable. also rebuilding the model(ctrl-Q) fixes the problem most of the time.

Model files

STLS   28 files

gridfinity-base-rev2-2x5.stl

gridfinity-base-rev2-4x7.stl

gridfinity-base-rev2-6x7.stl

gridfinity-base-rev2-7x7.stl

gridfinity-base-rev2-2x6.stl

gridfinity-base-rev2-6x6.stl

gridfinity-base-rev2-1x1.stl
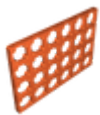
gridfinity-base-rev2-3x4.stl

gridfinity-base-rev2-1x4.stl

gridfinity-base-rev2-2x3.stl

gridfinity-base-rev2-4x4.stl

gridfinity-base-rev2-4x6.stl

gridfinity-base-rev2-1x3.stl
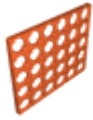
gridfinity-base-rev2-3x5.stl

gridfinity-base-rev2-3x6.stl

gridfinity-base-rev2-1x7.stl
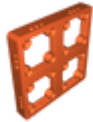
gridfinity-base-rev2-1x5.stl

gridfinity-base-rev2-5x6.stl

gridfinity-base-rev2-2x4.stl

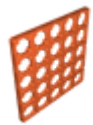**gridfinity-base-rev2-2x2.stl**

gridfinity-base-rev2-3x7.stl

gridfinity-base-rev2-5x5.stl

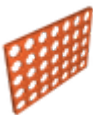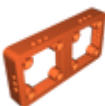**gridfinity-base-rev2-4x5.stl**

gridfinity-base-rev2-2x7.stl

gridfinity-base-rev2-5x7.stl

gridfinity-base-rev2-1x6.stl

gridfinity-base-rev2-1x2.stl

gridfinity-base-rev2-3x3.stl

gridfinity-base-rev2.step

gridfinity-base-rev2.sldprt

Other files

gridfinity-base-rev1.zip

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