

Gridfinity Lifted

 **PenguinPrints**

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Summary

A very basic modular system for making lifted plates and holders for gridfinity. Build in OpenSCAD.

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Tags: [openscad](#) [gridfinity](#)

This is a modular system for “lifting” plates above gridfinity. This is ideal for things like screwdrivers, tweezers, etc.

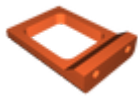
The uploaded models assume the uses of 5mm tapered hot melt inserts in the side panels. Also assumes the used of M3x8mm screws top and bottom.

The bottom screws line up with the existing screw holes in gridfinity while the top screws are placed near the edge to maximize usable plate space.

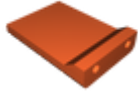
The base plates are semi-manual to create so I just uploaded all the sizes I thought were reasonable. If you want something else, just leave a comment.

I also uploaded a bunch of flat to plates (all 4mm thick) if you want to use those to punch out or built up your own custom plates. Drop me a note if you do, I'd like to see where your creations!

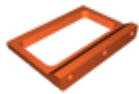
Model files



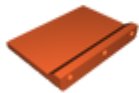
60mm-1u-gridfinity-lifted_sides-efficient.stl



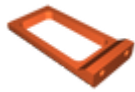
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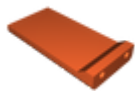
60mm-2u-gridfinity-lifted_sides-efficient.stl



60mm-2u-gridfinity-lifted_sides.stl



85mm-1u-gridfinity-lifted_sides-efficient.stl



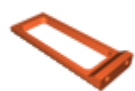
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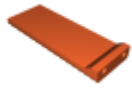
85mm-2u-gridfinity-lifted_sides-efficient.stl



85mm-2u-gridfinity-lifted_sides.stl



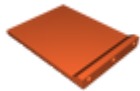
110mm-1u-gridfinity-lifted_sides-efficient.stl



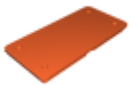
110mm-1u-gridfinity-lifted_sides.stl



110mm-2u-gridfinity-lifted_sides-efficient.stl



110mm-2u-gridfinity-lifted_sides.stl



1x2-gridfinity-lifted-baseplate.stl



1x3-gridfinity-lifted-baseplate.stl



1x4-gridfinity-lifted-baseplate.stl



2x2-gridfinity-lifted-baseplate.stl



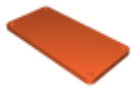
2x3-gridfinity-lifted-baseplate.stl



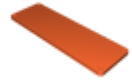
2x4-gridfinity-lifted-baseplate.stl



lifted-top-plate-1x2-7xminiwera.stl



1x2-gridfinity-lifted_flat_plate.stl



1x3-gridfinity-lifted_flat_plate.stl



1x4-gridfinity-lifted_flat_plate.stl



2x2-gridfinity-lifted_flat_plate.stl



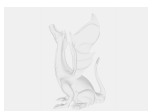
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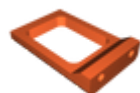
2x4-gridfinity-lifted_flat_plate.stl



gridfinity-lifted_sides.scad

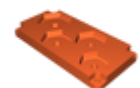


gridfinity-lifted_top_plate.scad



65mm-1u-gridfinity-lifted_sides-efficient.stl

☐ This is a good side for the Wera Micro drivers



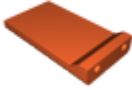
werahex-2thru4-1x2-gridfinity-lifted_top_plate-thic... .stl

☐ For Wera hex drivers, 2, 2.4, 3, 4 mm sizes



1x2-gridfinity-lifted_top_plate-wera-7x-micro-nocut... .stl

☐ Holds 7 Wera Micro drivers



75mm-1u-gridfinity-lifted_sides.stl



75mm-1u-gridfinity-lifted_sides-efficient.stl



lifted-top-plate-1x2-7xminiwera-77h.stl

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