

Honeycomb storage wall



RostaP

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Summary

Wall for attaching hooks and holders for your tools. You will create the wall according to your own idea.



3.88 hrs



1 pcs



0.28 mm



0.40 mm



PET



58 g



Prusa MINI /
MINI+

[Household](#) > [Other House Equipment](#)

Tags: [organizer](#) [wall](#) [hooks](#) [storrage](#)

News

- March 20, 2022 added bigger hook
- March 21, 2022 added USB flash drive holder
- March 21, 2022 added hooks (12mm and 25mm, screwed with M3 screw)
- March 21, 2022 added box (screwed with M4x10 screw)
- March 21, 2022 added 2 wall parts (224x190 and 293x271)
- March 22, 2022 added SD card holder(screwed with M4x10 screw)
- March 22, 2022 added USB flash drive holder (screw in no need)
- March 22, 2022 added box (screw in no need)

- March 24, 2022 added micro SD card holder (for 5 or 20 pieces)
- March 24, 2022 added micro SD card holder (for 5 or 20 pieces)
- April 4, 2022 added shelves (4 dimensions)
- April 6, 2022 Added drawers (found as a **remix**)
- April 12, 2022 Added wrench hooks (2x)
- May 6, 2023 Added more step files
- July 18, 2023 Fixed some stl and step wall files. Added image-diagram how to install your honeycomb

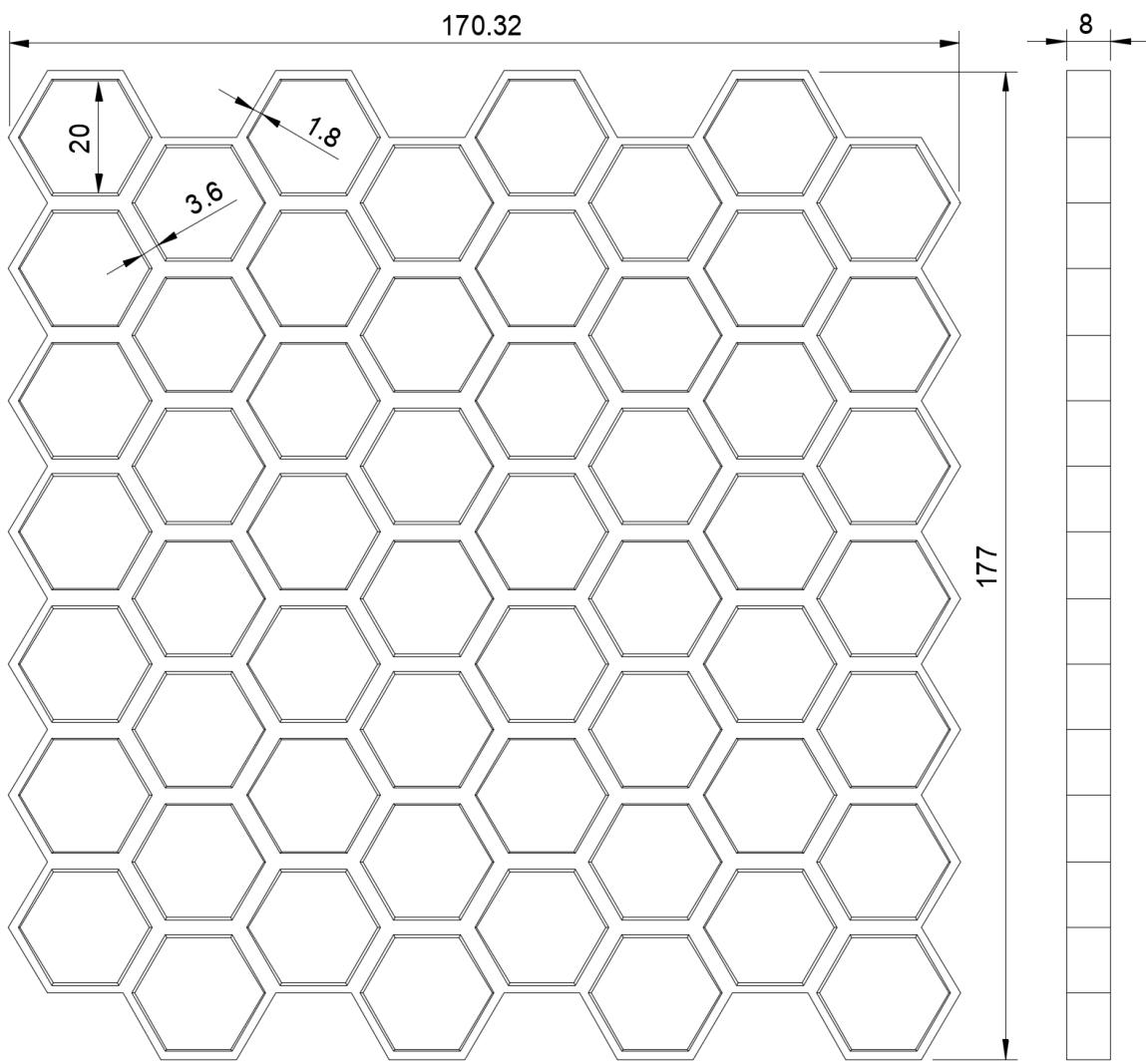
Don't forget to look at other **remixes - there are a lot of interesting modifications and accessories**

<https://www.reddit.com/r/honeycombwall/>

Honeycomb wall

The basic part of the wall is printable on the Prusa Mini printer. It is necessary to turn off the skirt or set the distance to 1mm in order for the part to fit it on the pad.

You can connect the basic parts of the wall together. You can connect it also with printable parts which can be used in various ways (you can use it for screwing to the wall, you can use it as a holder for hanger or as a holder for hook).



Choose the correct part size for your printer, or use <https://www.printables.com/cs/model/530149-customizable-honeycomb-storage-wall-openscad-v21-b> for a custom size.

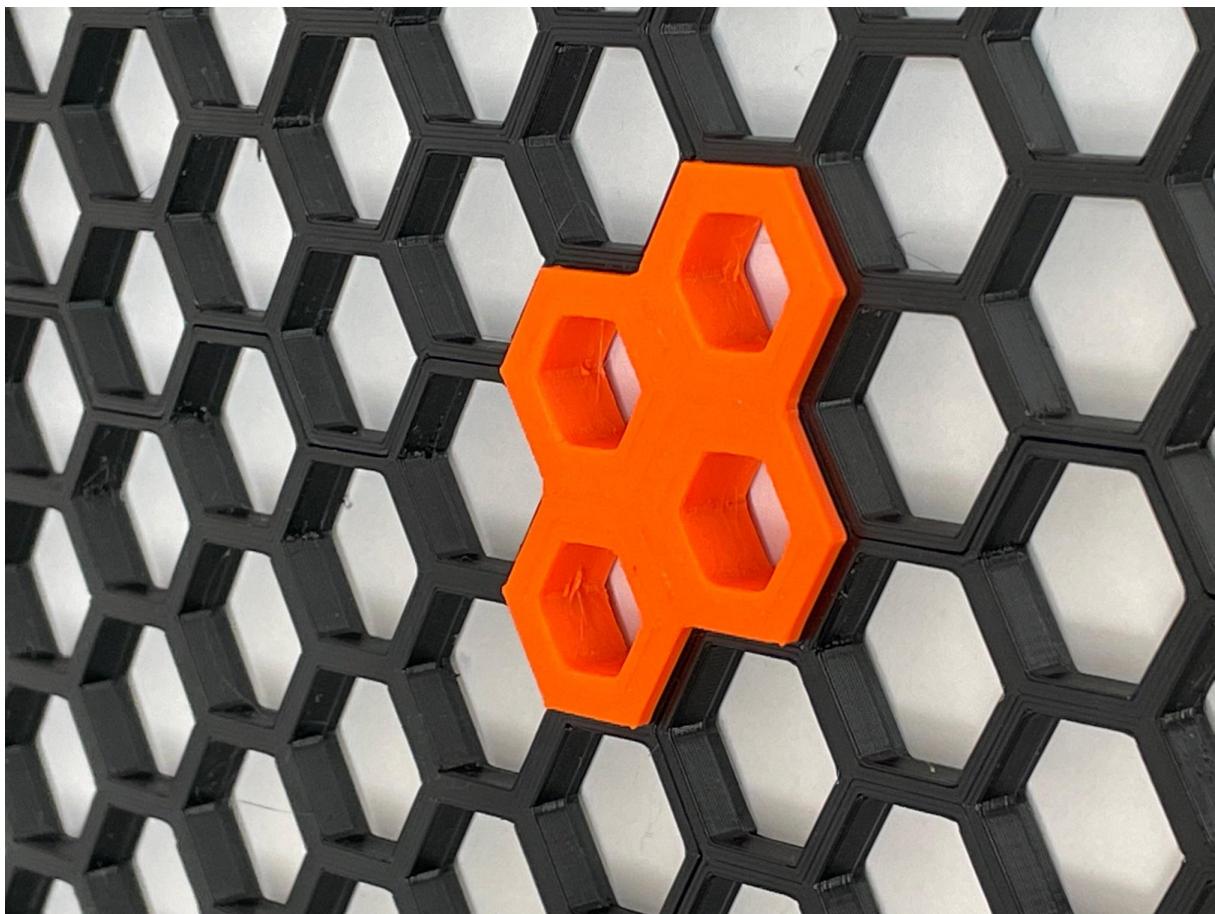
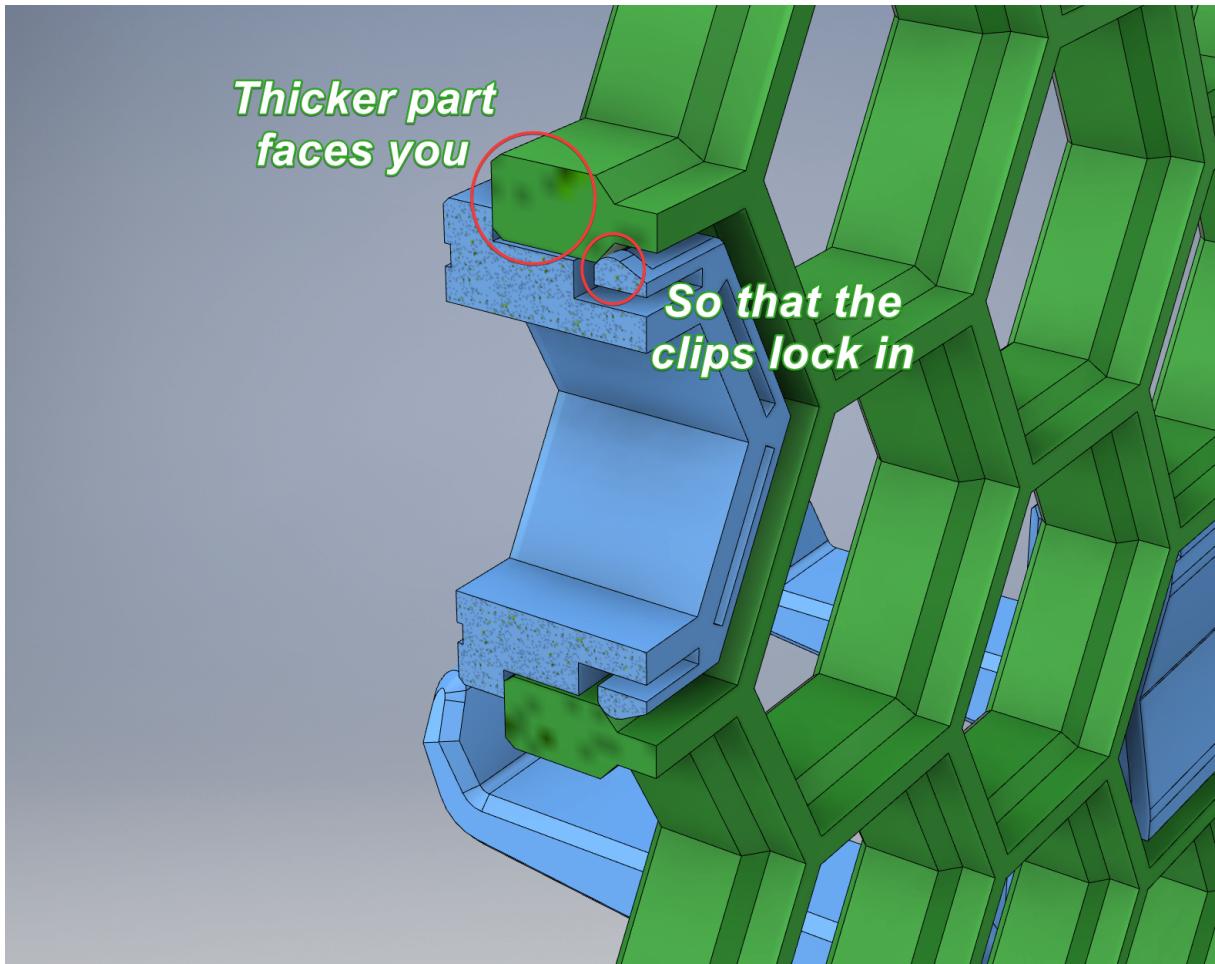


Diagram to show how to install your honeycomb.

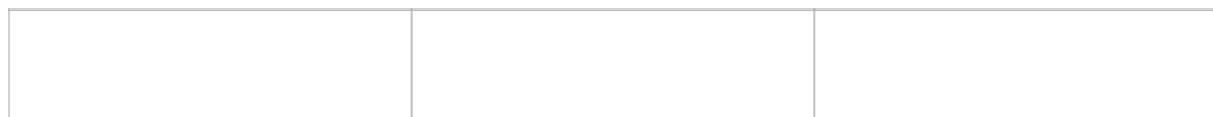
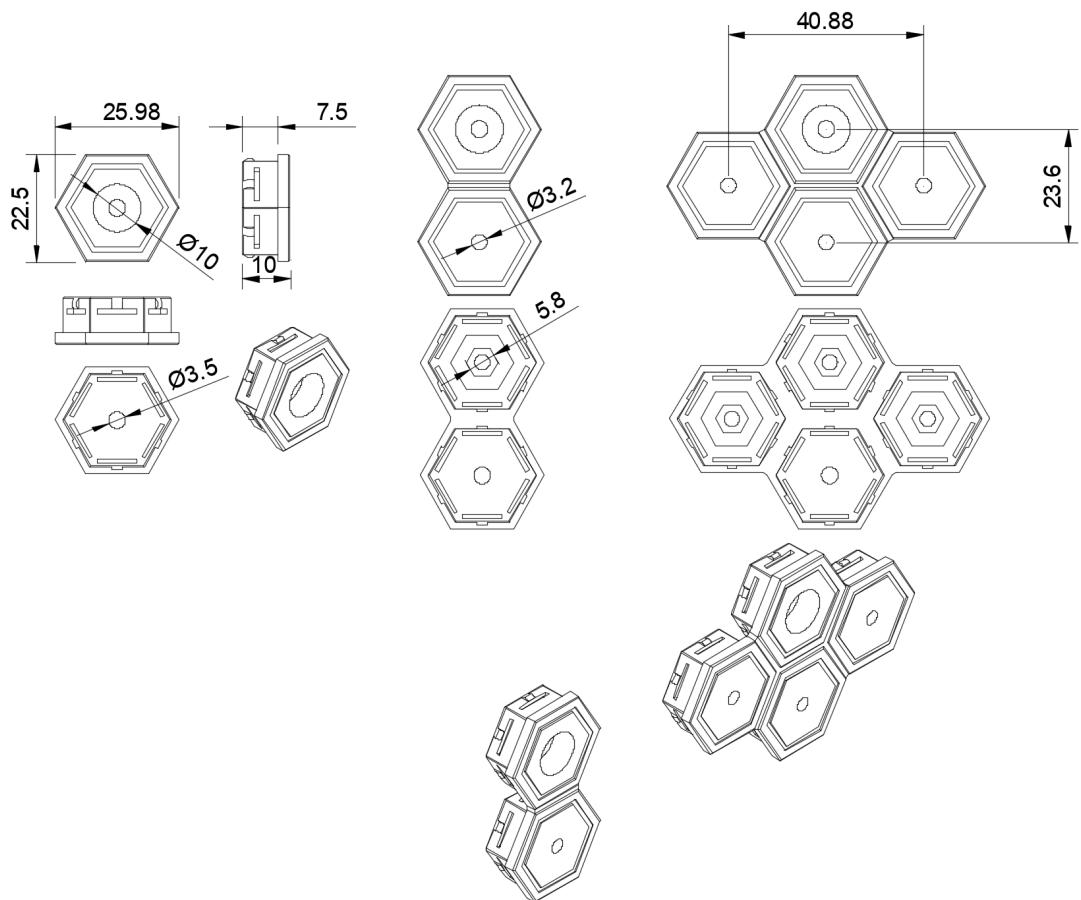


Printing settings

- layer height: 0.25 - 0.3
- perimeters: 3 (or more - without infill for faster printing)

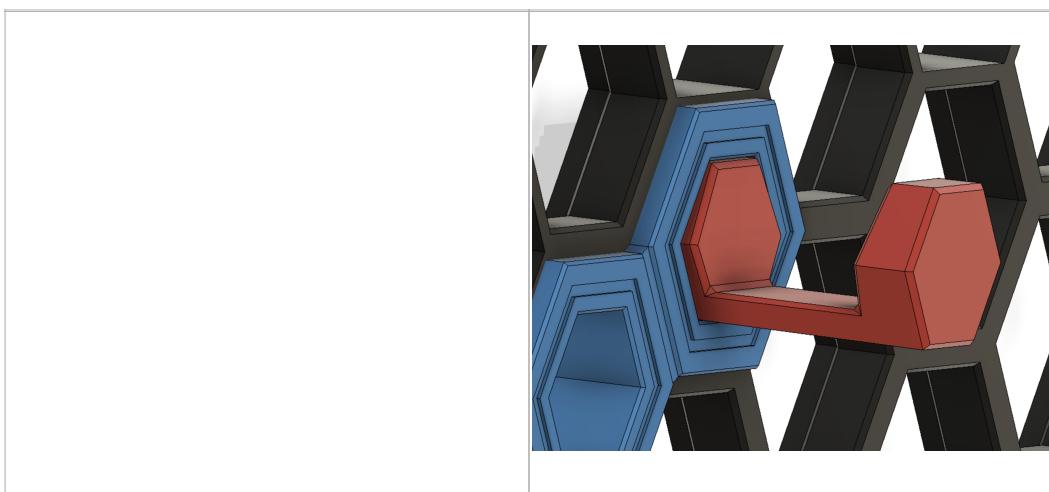
Parts for attaching honeycombs to the wall

Some of the parts (which are orange on the picture) you can use for hanging to the wall or for connecting the basic parts together.



Fasteners and parts for attaching hooks and objects

There is added one part with the nut (size M3, M4, M5) inside which can be used for screwing whatever holders you want.

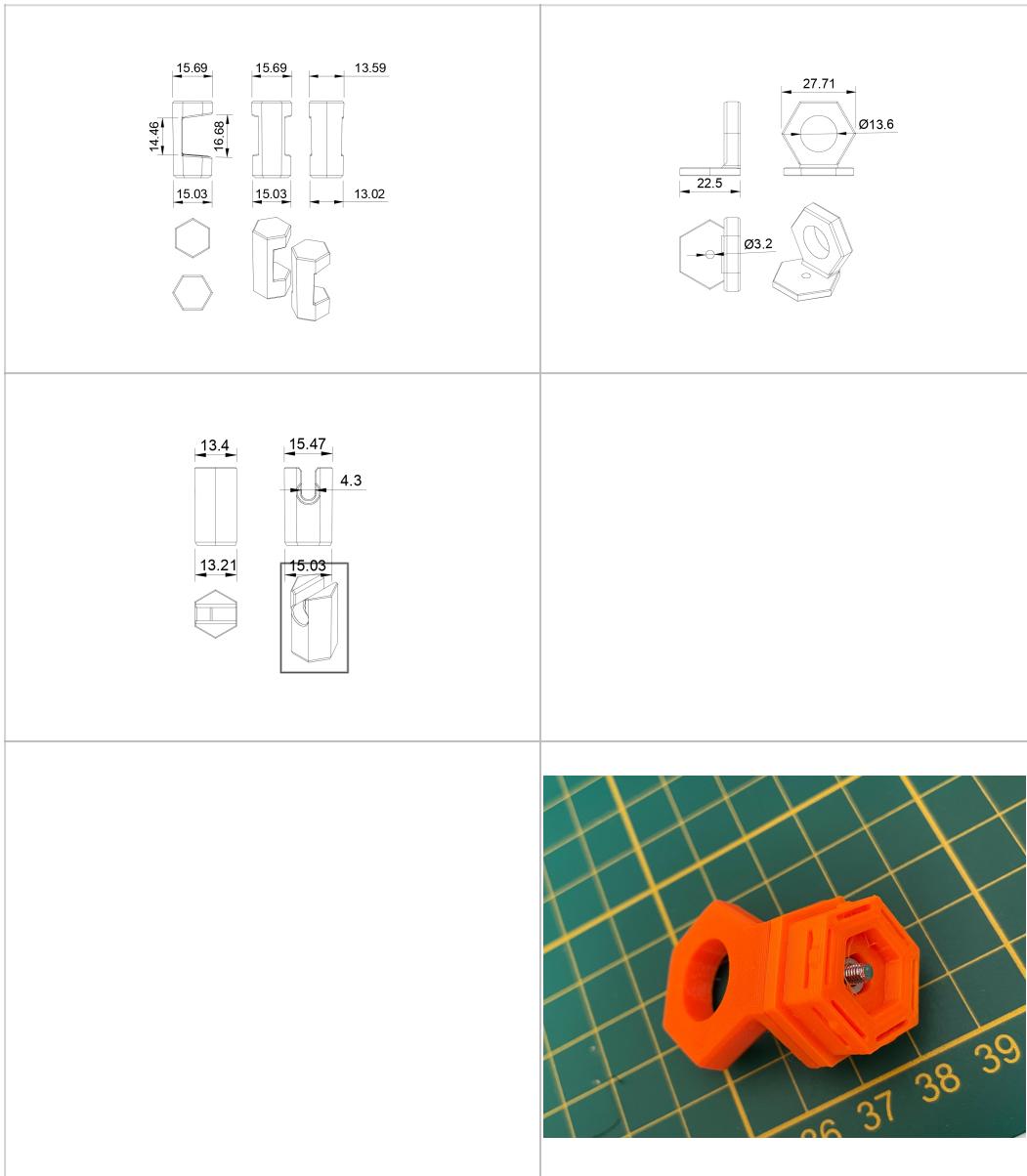


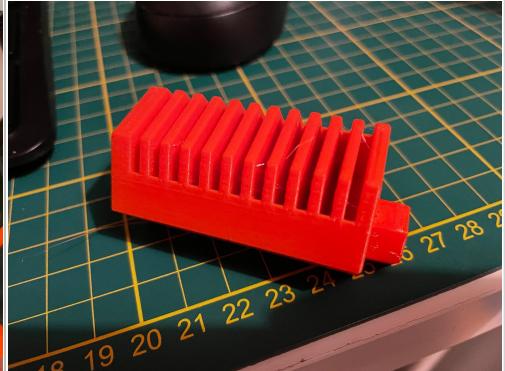
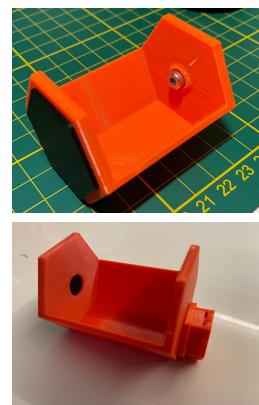
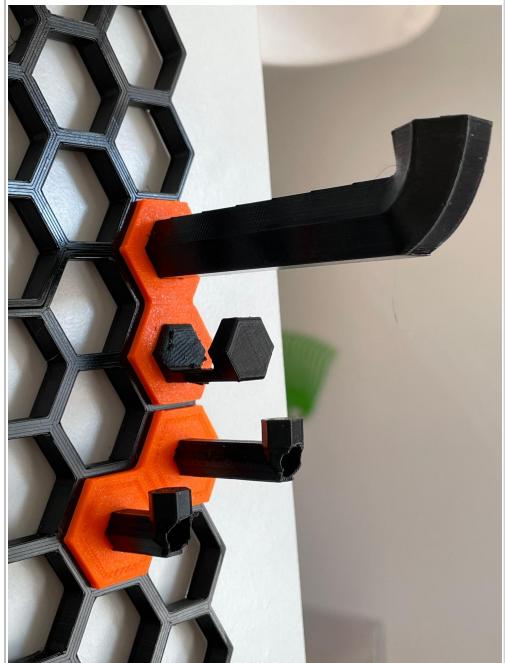


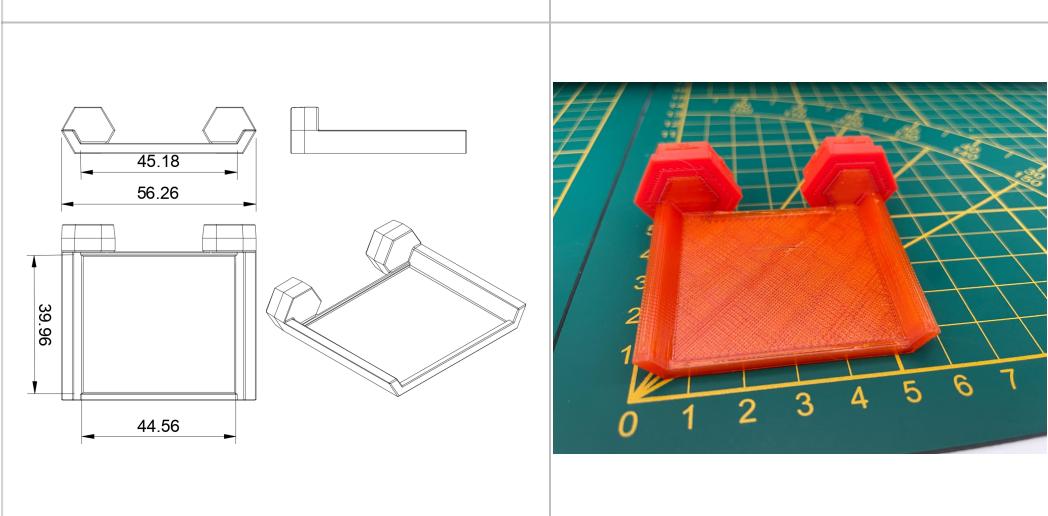
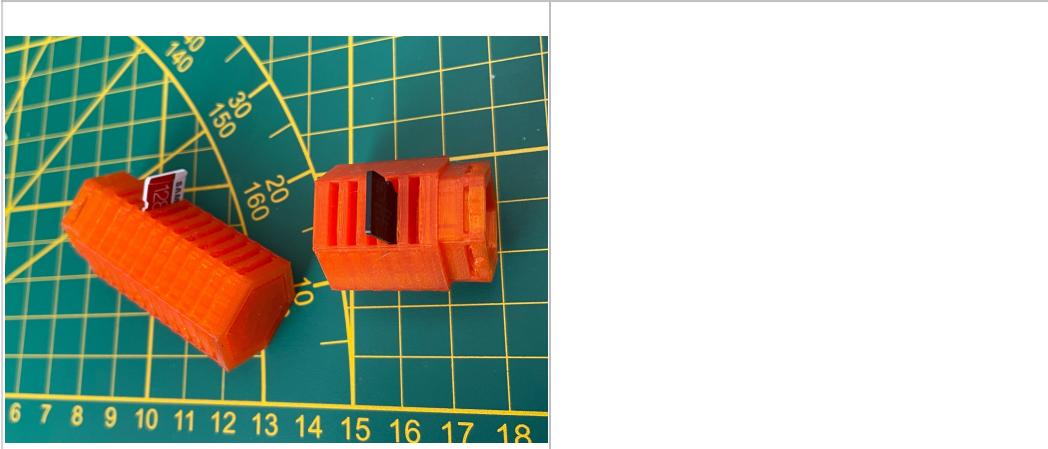
Hooks and holders

This is space for new holders and hooks which will be added as needed.

Hook bottom and side is prepared to insert to the empty insert part.

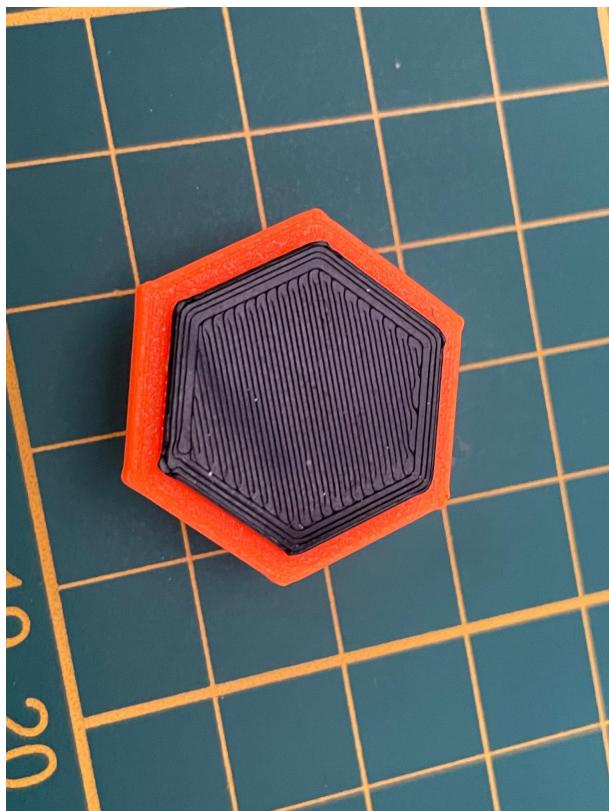






Other parts

This is cover for the connecting part which is used for hiding the screwer.



And also you can use the second part (as shown in the picture) which can be used for additional attaching the honey comb to the wall.



My printing settings for all inserts

- layer height: 0.2
- perimeters: 4
- infil: 20%

Model files

 **shelves** 4 files

 **shelf-3.stl**

shelf-4.stl



shelf-1.stl



shelf-2.stl



Base STEP files

15 files



insert-empty.step



insert-hollow-for.step



caliper-and-screw-holder.step



wrench-hoks.step



hooks.step



inserts-hexagon-countersunk-hole.step



shelf.step



usb-sd-box-m3.step



insert-m4.step



usb-sd-box.step



inserts-combined.step



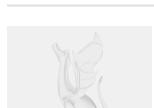
inserts-hollow-and-cover.step



wall.f3d



wall2.step



wall-211x248.step



Hooks and holders

23 files



hook-keyboard-side.stl



hook-keyboard-bottom.stl

hook-bottom.stl



screw-holder.stl



insert-cable-holder.stl



hook-side.stl



caliper-mount.stl



hook-to-empty.stl



hook-to-empty-long.stl



hook-12mm-for-m3.stl



hook-25mm-for-m3.stl



usb-holder.stl



box-and-usb-holder-cover.stl



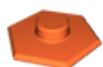
box.stl



sd-card-holder.stl



sd-card-holder-cover.stl



box-without-screw.stl



sd-card-holder-without-screw.stl



usb-holder-without-screw.stl



5-micro-sd-card-holder.stl



20-micro-sd-card-holder.stl



wrench-hoks-2.stl



wrench-hoks-1.stl



Fasteners and parts for attaching hooks and objects

10 files

insert-hollow-dual.stl



double-m4.stl



insert-empty.stl



double-m5.stl



insert-with-m3.stl



insert-m4.stl



insert-hollow-tre.stl



insert-with-m3-dual.stl



insert-m5.stl



insert-hollow-for.stl



Parts for attaching honeycombs to the wall

5 files

insert-countersunk.stl



hexagon-countersung-and-hole.stl



insert-countersung-m3.stl



insert-for-countersunk-hole-3.stl



insert-countersunk-with-m3x3.stl

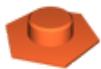




Other parts

2 files

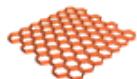
cover-contresunk.stl



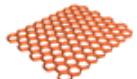
countersunk-to-holee.stl



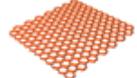
wall-honeycomb-part.stl



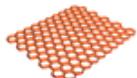
wall-honeycomb-224x190sizemk3s.stl



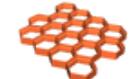
wall-honeycomb-293x271-big-printer.stl



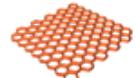
wall-honeycomb-bambu-211x248-fixed.stl



wall-honeycomb-106x89-fixed.stl



wall-honeycomb-k1-211x201.stl

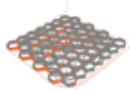




375x389-fixed.stl

□ 375x389

Print files



wall-honeycomb-part_028mm_petg_mini_3h53m.gcode

.filament PET 0.40 mm 0.28 mm 3.88 hrs 58 g Prusa MINI / MINI+

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