



Multifunction Arm mounting system



RostaP

[VIEW IN BROWSER](#)

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Summary

It is a set of holders for hanging or standing monitor, notebook or any other devices.

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

Tags: [arm](#) [notebookholder](#) [tabletholder](#) [vesa](#) [vesa75](#)
[monitorholder](#) [armsystem](#) [monitorstand](#)

Arm mounting system

It is a universal set of holders and arms. You can use this system as a notebook holder, tablet holder, monitor holder, camera or any other device holder or you can have it as a shelf holder.

If you print a pair, you can made various tables.

You can attach more arms together. I made some connecting parts and other accessories.

There are no limits to imagination.

I made it with increased strength and durability. If you add few perimeters the holders/arms can hold pretty good weight.

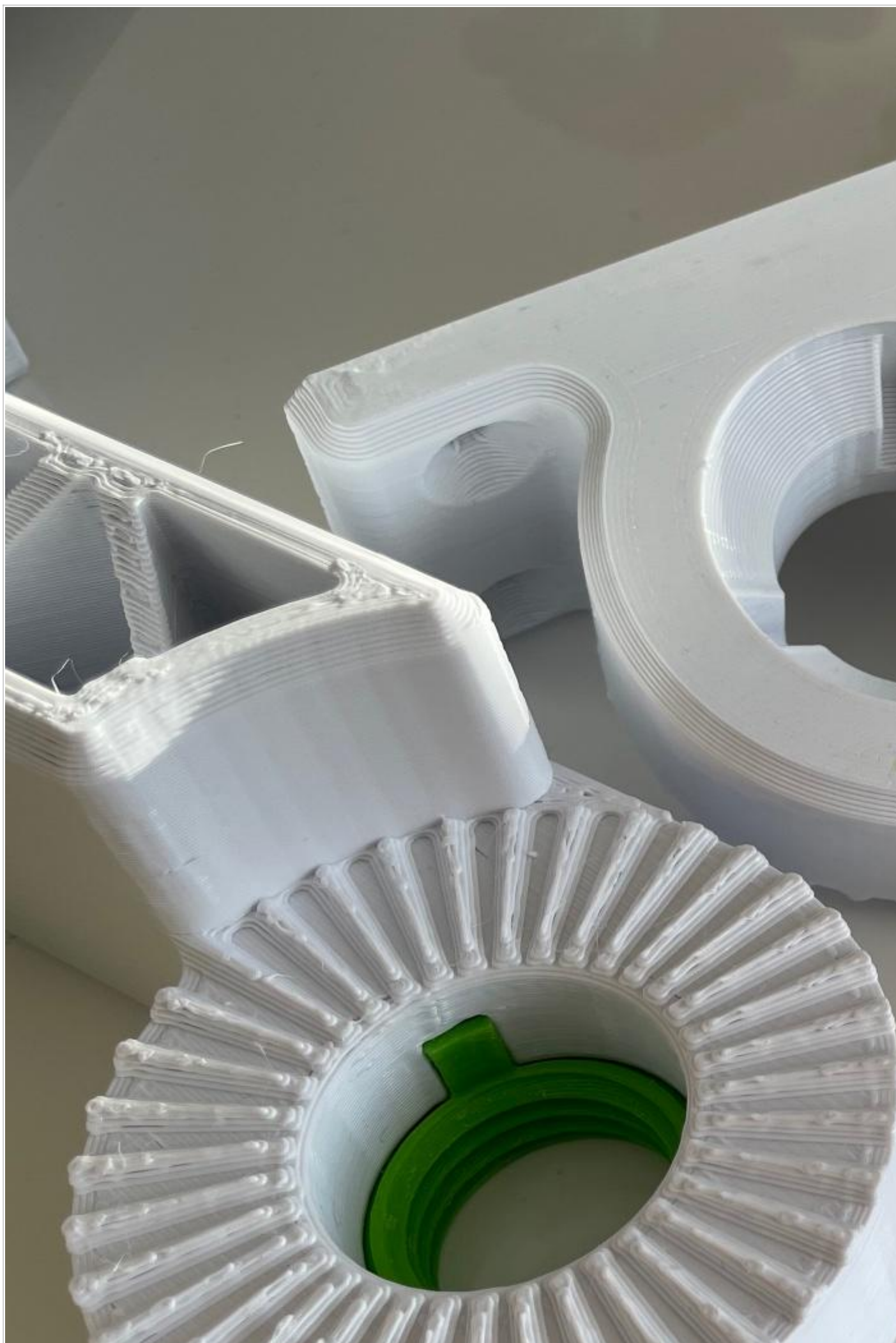
Small light version

Holders reduced x 0.6 and then adjusted (hole sizes, gaps, etc.)

I will add it later. I don't want to show the models before I use it by myself and know if it works. It might take some time, my second printer doesn't work right now.



Základní informace



You can tight and loose from both sides no matter where the nut is.

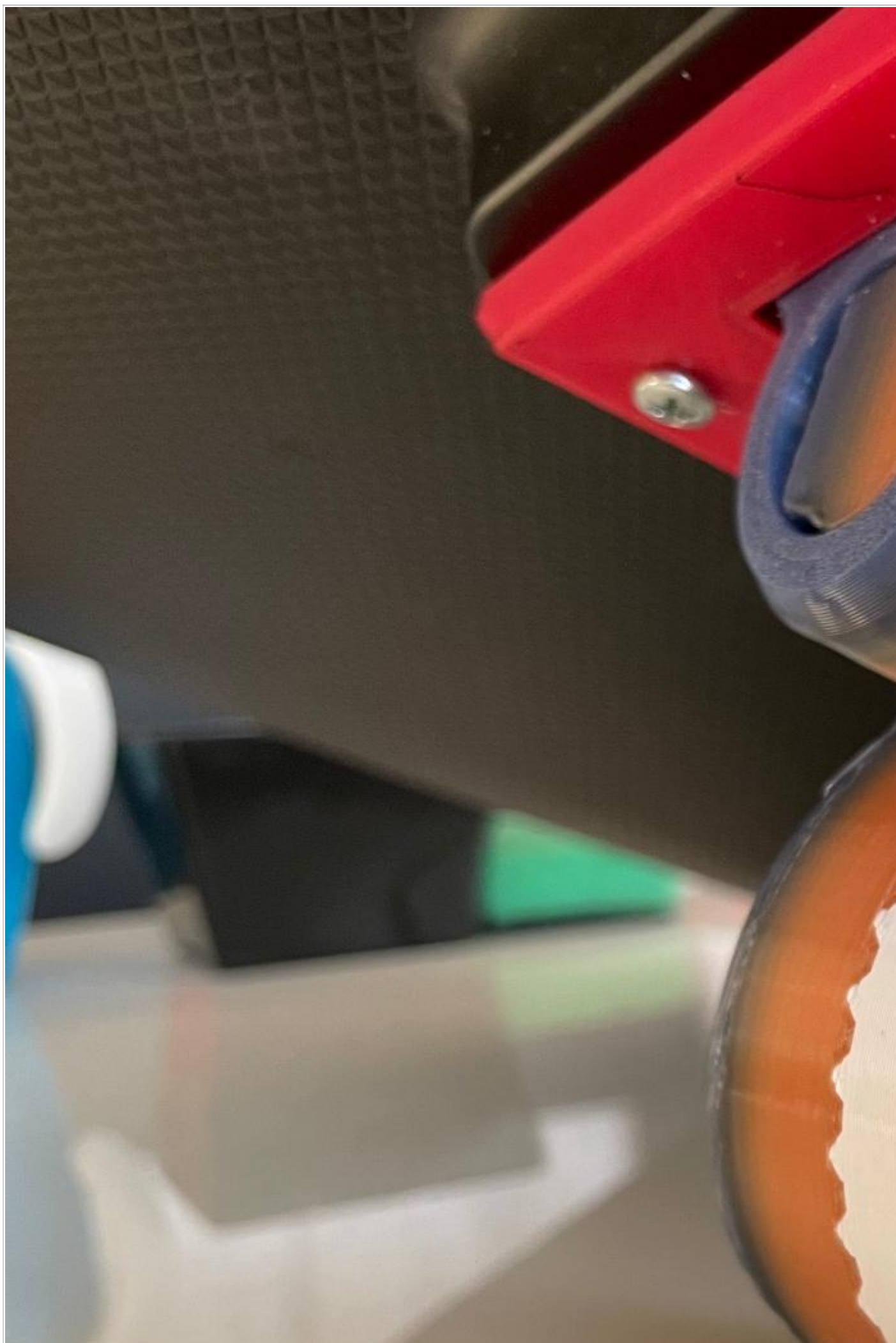


You can also print the crew which can be tight and loose without gear- with the printed

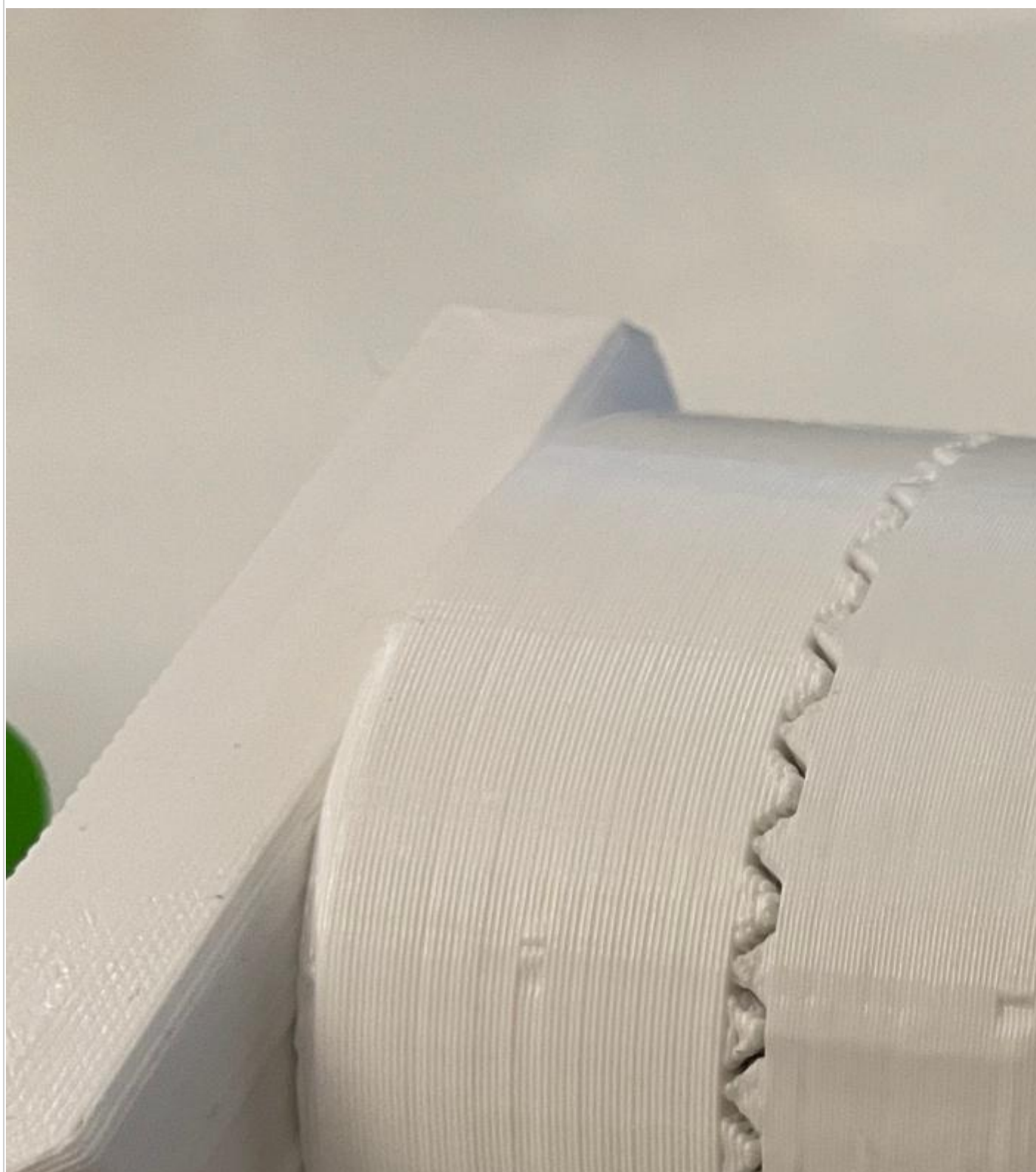


There are various of arms.





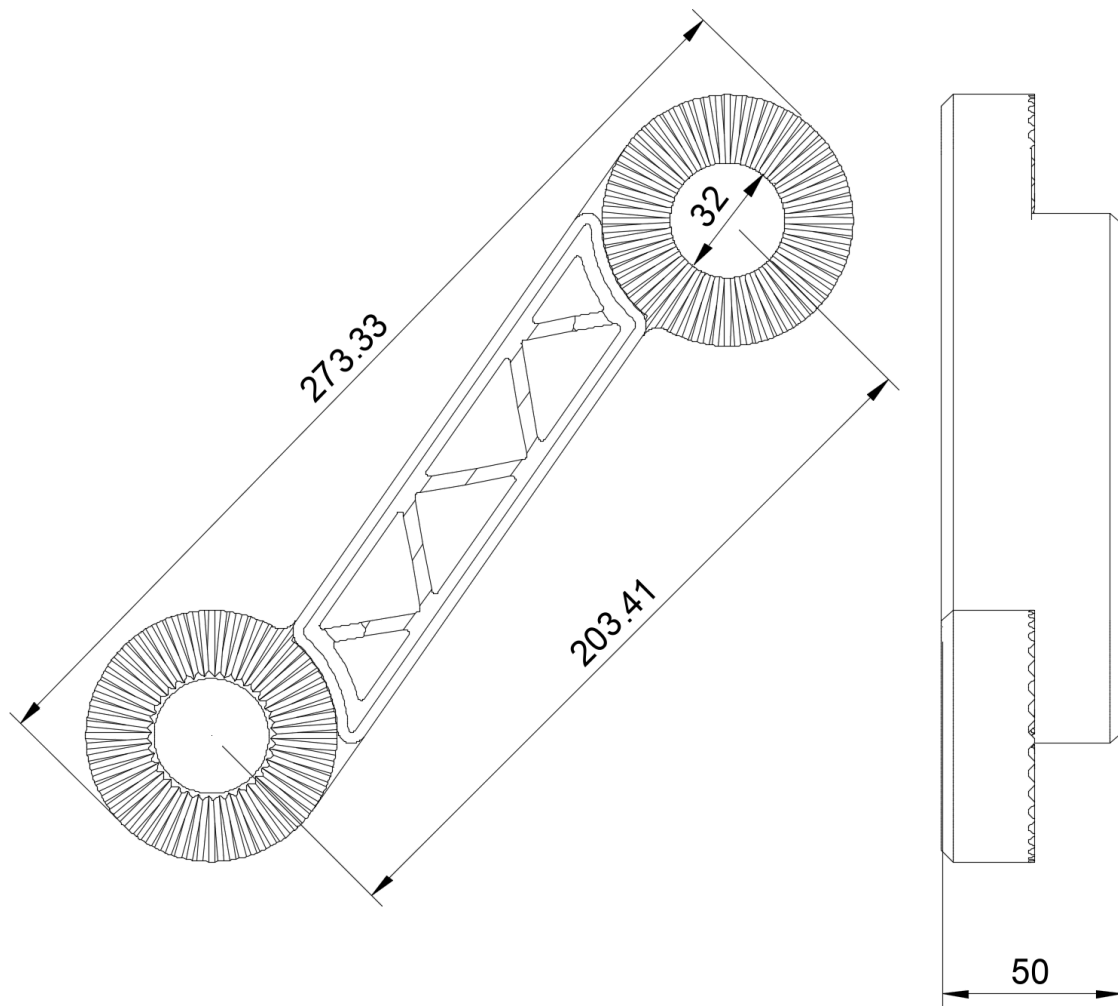
Combination for positioning along the axis Z





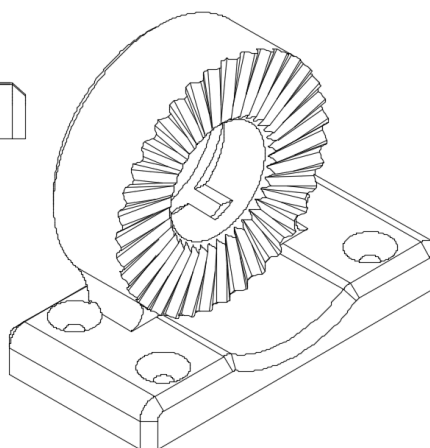
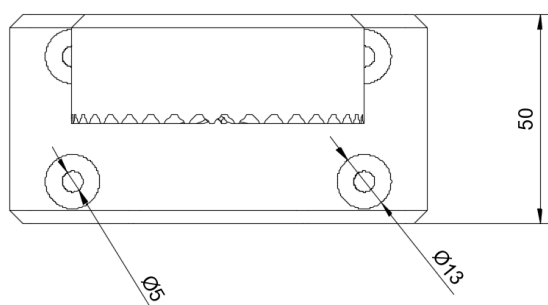
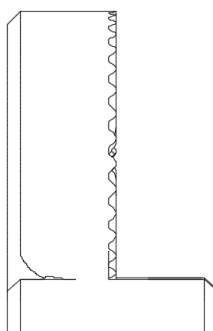
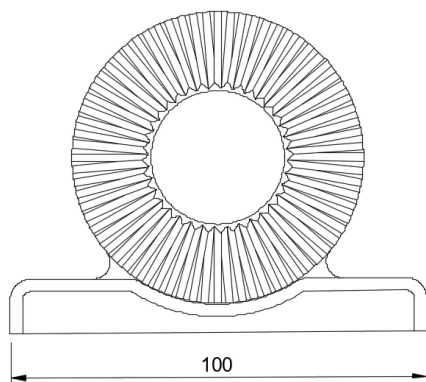
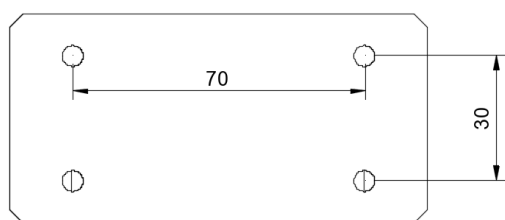
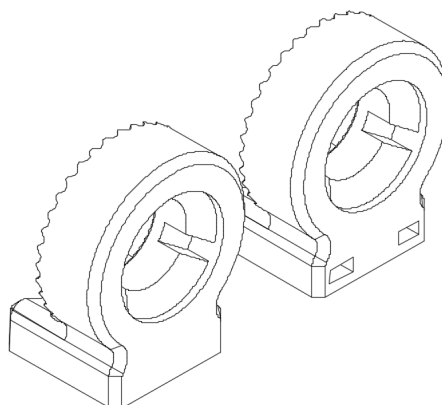
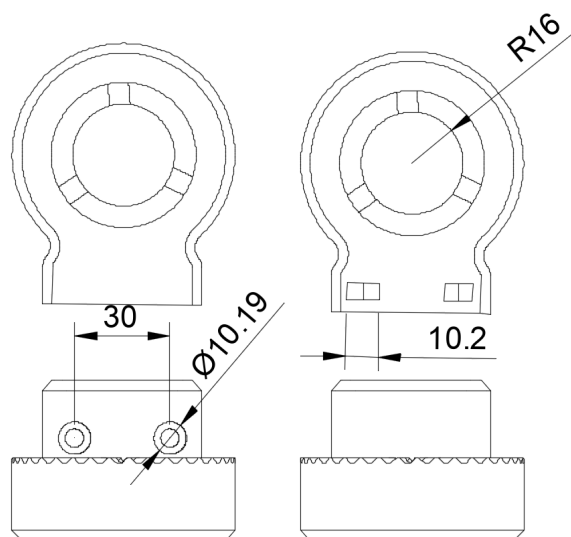
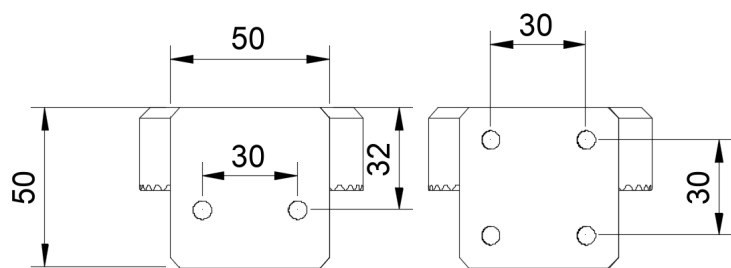
Basic arms

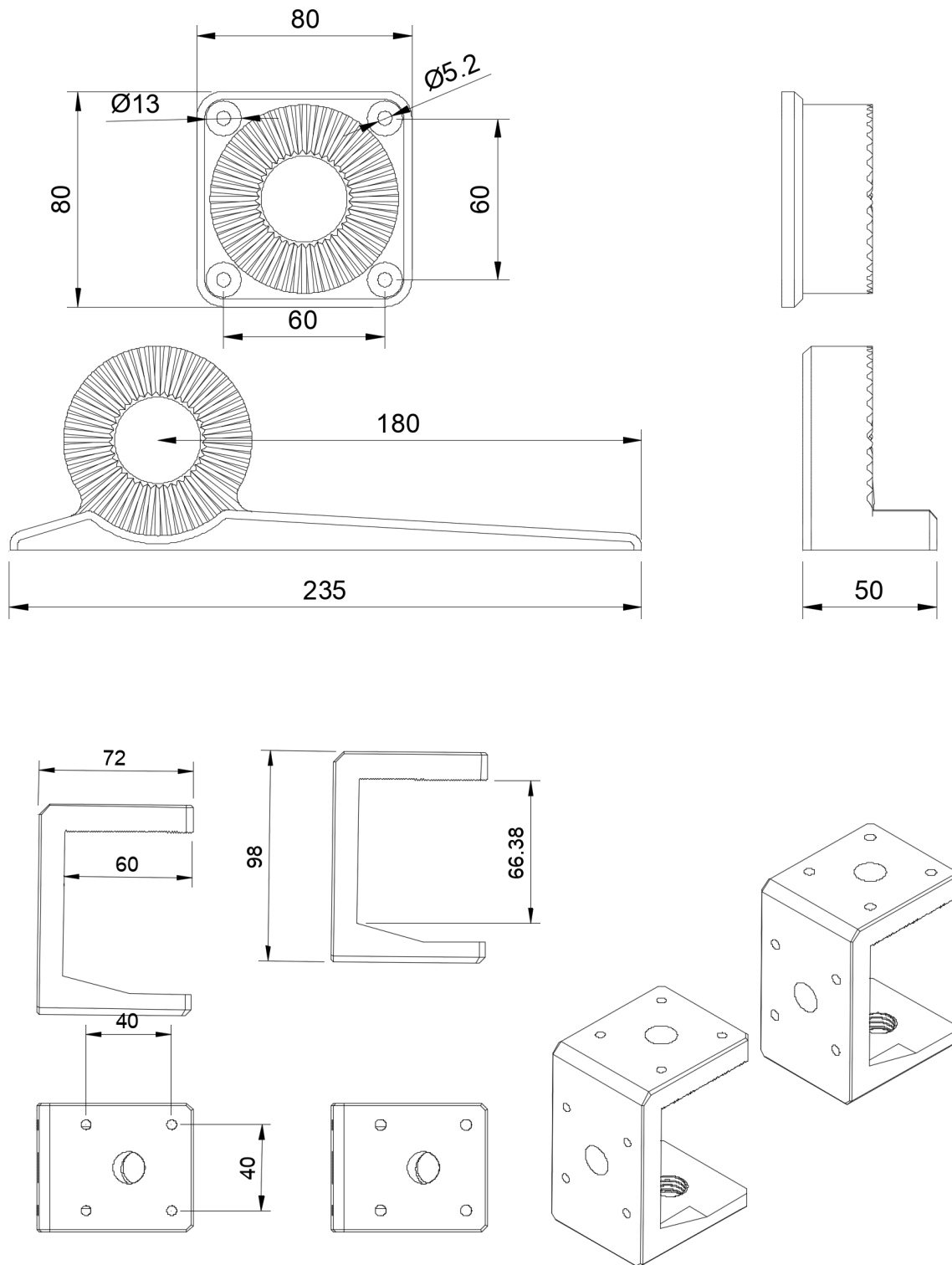
The only difference is the grid



Holders

A few basic handles





I printed small parts on the Prusa Mini, the arms on the Ender 3.

My printing settings

- material: PETG
- perimeters: 8 and more

- infill : 30% and more
- layer height 0.3 (with nozzle 0.6 layer height 0.4) (screw and nuts only 0.2mm layer height)

Model files



SMALL ARM SYSTEM

8 files



holder-small-nuts-18-18-m4.stl



holder-small-42x18.stl



nut-small.stl



screw-hand-small.stl



screw-small.stl



arm-small-hex.stl



arm-small-hex-honeycomb-wall-compatible.stl



arm-small-x.stl



Base sources files

6 files



base-part.step



holder-4-nut-d30-m5.step



arm-empty.step



arm-honeycomb-wall-compatible.step



arm-web.step



arm-honeycomb.step



Arm

4 files



arm-honeycomb-wall-compatible.stl



arm-honeycomb.stl



arm-honeycomb-wall-compatible-2.stl



arm-web.stl



Clamp

5 files



clamp-screw-cover.stl



universal-clap-side-top-30x30-screw.stl



clamp-screw.stl



universal-clamp-side-top-40x40-screw.stl



universal-clamp-side-top-40x40-nut.stl



Screw

4 files



nut.stl



screw.stl



screw-hand.stl



hex-key.stl



Screw M8

3 files



screw-hex-screw-m8.stl



nut-m8.stl



screw-hand-m8.stl



Vesa 70 holder

4 files



vesa-plate.stl



vesa-cover-secure.stl



vesa-plate-holder-2x.stl



arm-end-vesa.stl



Holders

9 files



base-with-hollow-4040-m5.stl



bottom-holder-60x60.stl



bottom-stand-long.stl



holder-side-screw-30.stl



holder-2-hex-d30.stl



holder-4-nut-d30-m5.stl



holder-4-nut-d30-m6.stl



holder-70-30.stl



side-40x40-nut-m5.stl



Notebook holder

6 files



notebook-big-holder-left.stl



notebook-big-holder-right.stl



notebook-small-holder-left.stl



notebook-small-holder-right.stl



tablet-holder-right.stl



tablet-holder-left.stl

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