



Simple yet elegant organic catchall tray set



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Summary

Flat organic shaped tray set with the option for felt inserts.

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I created this tray set for the printables catch-all contest (01/2023).

The goal was to get away from the usual box shape and right angles and offer a nice place for your belongings. These trays resemble presenting plates in irregular stone-like shapes and smooth curve transitions everywhere. As I dislike the sound of plastic when objects are placed inside the trays, I added recesses that allow for 3mm thick felt inserts. These sit flush with the surrounding surfaces which looks and feels very elegant. To ensure a perfect fit, see the PDF below with cutting templates and instructions.

If you don't have felt or something similar in 3mm thickness, print the insert in a different color or material (e.g. TPU)

You can also print the trays without recesses and use them that way.

There are 3 different sizes:

- S - should fit every printer
- M - fits on a 180 x 180 mm printbed (printable on Prusa Mini+)
- L - fits on a 250 x 250mm printbed

Considering the size, not very much filament is being used.

I used AddNorth Marble PLA filament, 0.2mm layer height and printed them on my Bambu Lab P1P. **Use brim, as they tend to warp!** I had a failed 6h print - M-Size - on my Prusa Mini because of that.

Model files

 **2 part trays with recesses for printed or fabric inserts** 6 files

**size_m_2-part-version_tray.stl**
☐ for the felt insert, see the pdf below

**size_l_2-part-version_tray.stl**
☐ for the felt insert, see the pdf below

**size_s_2-part-version_tray.stl**
☐ for the felt insert, see the pdf below

**size_s_2-part-version_printed_insert.stl**

**size_m_2-part-version_printed_insert.stl**



size_l_2-part-version_printed_insert.stl



1 part trays - just print and use them right away

3 files



size_l_1-part-version.stl



size_m_1-part-version.stl



size_s_1-part-version.stl



catchall-tray_all_parts.3mf

Other files



Instructions for the felt inserts

1 file



catchall-tray_felt-inserts_instructions.pdf

☐ Print in 100% scale



Inserts as SVG - for cutting machines, laser cutter etc.

3 files



catchall_tray_felt_size-s.svg



catchall_tray_felt_size-m.svg



catchall_tray_felt_size-l.svg

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