



Shelf bracket (parametric) - Podpěra pro poličku (parametrická)



klaxalk

[VIEW IN BROWSER](#)

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Summary

A bracket for mounting a shelf onto the wall.

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Tags: [shelf](#) [bracket](#) [policka](#) [stena](#)

A stylish shelf bracket for mounting a shelf onto a wall. I recommend printing with PETG to prevent sagging. I printed it using Prusament White PETG with:

- 5 perimeters (0.4 mm nozzle)
- 10% gyroid infill.

No supports are needed.

The shelf is very rigid; I bet it won't go anywhere soon.

The model is parametric, so feel free to change the basic parameters or modify the holes according to your liking and available equipment. The model includes large 12 mm holes, which allow easy access to the screws. I will probably include models for plugs to hide these.

I provide the following .stl files:

- 180 mm to fit on Prusa Mini
- 210 mm to fit on Prusa i3.
- Both versions are provided in two variants: with the top holes being **symmetrically** and **asymmetrically** spaced. The asymmetrical variant is useful when you want to tighten the wall screws using a **power tool**.
- Plugs for the engineering holes with 0.3, 0.2 and 0.1 mm tolerance. For me, the 0.2 mm worked the best.

The prints in my photos were made using Prusa Mini+.

Model files



shelf_bracket_180mm_asymmetrical.stl

📐 180 mm per side with asymmetrically placed top holes



shelf_bracket_210mm_asymmetrical.stl

📐 210 mm per side with asymmetrically placed top holes



shelf_bracket_180mm_symmetrical.stl

📐 180 mm per side with symmetrically placed top holes



shelf_bracket_210mm_symmetrical.stl

📐 210 mm per side with symmetrically placed top holes



plug_tolerance_03mm.stl

📐 plug for the engineering holes with 0.3 mm tolerance



plug_tolerance_02mm.stl

📐 plug for the engineering holes with 0.2 mm tolerance



plug_tolerance_01mm.stl

plug for the engineering holes with 0.1 mm tolerance

shelf_bracket.f3d

Fusion360 parametric project

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