



Makeup Rack



Marin

[VIEW IN BROWSER](#)

updated 25. 12. 2022 | published 25. 12. 2022

Summary

Easy access makeup or paint holder.



20.46 hrs



3 pcs



0.20 mm



0.40 mm



PLA



212 g



Prusa
MK3/S/S+

[Fashion](#) > [Other Fashion Accessories](#)

Tags: [shelf](#) [organizer](#) [holder](#) [storage](#) [rack](#) [paint](#) [tidy](#)
[makeup](#) [practicalhousehold](#)

Updated to version v2.1:

- the hexagone holes on the some slanted surfaces removed, because it was hard to get tidy print of these holes on some materials. Print time is increased only by 4 min.

I saw, every time when my wife need to reach content of her poly carbonate makeup holder, (bought on Aliexpress) she need to take it out of the shelf. The problem is that all objects placed in such holder, could only be picked up vertically (upward). If the shelf space is tight, than you have

a problem. It was also hard to see the content of things placed in such holder.

I decide to do my own design with some improvements, where a bottle could be picked up in an angle of 45 degrees. When I printed my first attempt, my wife like it very much. I was pleased with my design as well. I have had first to solve a little problem, before publishing this work: the print time was more than 25 hours. I started to reduce wall thicknes and som other details to reduce print time. Version 2, need now less than 18 hours, which can be accepted according to my opinion. Good things are not cheap ;-).

I have printed three racks so far, because, my daughter saw it and want one of them. Two stays for my wife's need.

After almost 18 hours of printing (for the rack only), it could be a nice gift to a dear person.

I have added two different trays (50x72 & 100x72 mm) which can be printed if needed. With these trays you can get following combination in the bottom part of the rack.

- without any additional tray, empty bottom
- four 50x72
- two 100x72
- one 100x72 plus two 50x72

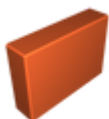
Each tray can be picked up and inserted individually. Trays could be practical for small parts.

There is four holes in the bottom part. Here you can screw, for example, four polyamide M3 screws cut to appropriate length to get them as feet. As it is presented on some pictures, you can use 3M self adhesive enclosure feet too. The feet shapes doesn't matter.

No one detail does need print support.

Another **fashion accessory**.

Model files



tray50x72.stl



tray100x72.stl



makeup-rack_v21.3mf

Print files



tray50x72_02mm_pla_mk3s_1h1m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.20 mm ⌚ 1.01 hrs ⚖️ 9 g 🖨️ Prusa MK3/S/S+



tray100x72_02mm_pla_mk3s_1h32m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.20 mm ⌚ 1.54 hrs ⚖️ 15 g 🖨️ Prusa MK3/S/S+

makeup_rack_v21_02mm_pla_mk3s_17h54m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.20 mm ⌚ 17.91 hrs ⚖️ 188 g 🖨️ Prusa MK3/S/S+

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