



## Miniature painting holder with exchangeable screw-on top



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VIEW IN BROWSER

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## Summary

Remix of Gaba Ghouls's painting holder with a printable screw-on top, so you can easily exchange several miniatures.

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This is a remix of Gaba Ghouls's great painting holder, but with printable screw-on-top exchangeable bases, so you can switch between several minis without ever touching them.

## Sources

This was inspired by <https://www.printables.com/model/264538-miniature-painting-holder-remix> (which uses PET bottle caps, if you have them) and made directly in Prusa Slicer by taking the original holder from <https://www.printables.com/model/145997-miniature-painting-holder> and combining it with the winding part of the middle piece from <https://www.printables.com/model/75136-modular-screw-cap-storage> (suitably

scaled), and using its “top piece” as the exchangeable model base. I've included the 3mf file, so you can scale and modify as you want.

## Printing

I've printed this in boring white (so no colour distracts the painting process) PLA+ with a 0.4 mm nozzle and 0.2 mm layer height. You might be able to get away with using a larger nozzle and layer height, but I recommend you check the fit of the screw part first on a smaller test print.

### Lowering the center of gravity

I've set the infill to 10% for the upper part of the holder (and the screw), but 25% for the lower 2 cm of the holder - to lower its centre of gravity a bit (this is already configured in the attached 3mf file).

Alternatively (and maybe better), you could also leave a hollow in the lower part of the holder, pause the print at that height, put in some heavy object (or sand), then continue the print.

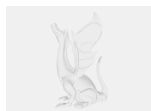
## This remix is based on



### Miniature painting holder

by Gaba Ghoul

## Model files



**mini-holder-with-screw-top.3mf**



**mini-holder-with-screw-top.stl**



screw-on-top.stl

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