



## Pencil Holder



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## Summary

A simple pencil holder, with different fretwork, with an insert for easy printing in two tones

[Household](#) > [Office](#)

Tags: [bicolor](#) [cloud](#) [holder](#) [pencilholder](#) [penholder](#) [star](#)  
[teepee](#) [twocolor](#)

A small pen holder, designed with a simple snap-in for easy two-color printing.

### Dimensions

Final dimensions are 70mm x 70mm x 100mm

There are two models models:

1. 30mm base and 70mm top
2. 60mm base and 40mm top

Both models are without openwork figures and with openwork, so that they can be modified by you.

## Print Settings

- 10% infill is sufficient and has good strength
- I personally decided to print it with a 0.4mm nozzle and 0.20mm layer height, but to improve print times a higher layer height could be used without any problem.
- Some supports are needed for the cutworks, the automatic supports of the software you use will be more than enough
- For the union of the two parts you can use superglue, but putting both parts together should be enough (the small imperfections of the printing help both pieces to stay together)

## Model files

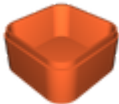


**30mm base - 70mm top**

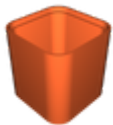
5 files



**top\_70mm\_teepee.stl**



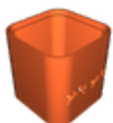
**base\_30mm.stl**



**top\_70mm.stl**



**top\_70mm\_cloud.stl**



**top\_70mm\_eyes.stl**

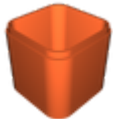


60mm base - 40mm top

3 files



base\_60mm\_star.stl



base\_60mm.stl



top\_40mm.stl

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