



Toilet Paper Holder



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[VIEW IN BROWSER](#)

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Summary

A toilet paper holder with a hexagonal pattern.

[Household](#) > [Bathroom](#)

Tags: [hexagonal](#) [toiletpaperholder](#) [fusion360file](#)

Hi,

I am new to 3D printing and 3D-CAD and this here is the first project i like (and dare) to publish.

It is a “simple” holder for toilet paper rolls with 90 mm x 45 mm (length x inner roll diameter).

The model files contain 3 parts. The roll holder and two different side parts.

One side part is a “screw” version with two ~5 mm polygonal holes.

The second side part is a variant for the insertion of two 5x10 mm magnets.

Printed in Creality PLA Black on Elegoo Neptune 4 Pro with:

- Layer: 0,3 mm
- Infill: 11% ZigZag for roll holder // 15% Cubic for side part
- Support: yes & brim with 10 lines for roll holder
- Ironing: yes for side parts (top side is outward facing and ironing makes a nicer look)

The side part is due to some small mistakes not 100 % symetrical. So it is best to print one of the side parts mirrored.

Note:

Until now I only printed the magnet version as seen in the pictures.

Model Files:

.stl, .f3d (Fusion 360) and .3MF files available

Model files



toilet_paper_holder__231127.stl



toilet_paper_holder__231127.3mf



toilet_paper_holder__231127.f3d

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