



## Extendable Spool holder



Enijat

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### Summary

Extendable Spool holder, which can be fully folded together for efficient storage. Design to be resized easily and fast.



2.40 hrs



1 pcs



0.15 mm



0.40 mm



PET



32 g



Prusa MK4

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The spool holder fits all spool sizes from 10 to 90 mm in width. It takes standard skateboard bearings, and only two M3 nuts and two M3x10 screws to assemble.

It is designed to be resized fast and easily and be as compact as possible for transport. And use the parts

Order of operations to get everything together (See picture for orientation):

1. Push Beam2 through the inner right part and push Beam1 through the inner left part.
2. Put the two parts together by threading the beams into the hole on the opposite part, also make sure the pin in the middle of Beam1 goes into the

hole in the middle of Beam2.

3. Add the Bearings.

4. Clip on the two outer parts, you won't need glue since the press-fit should be somewhat tight, and the parts will be secured by the screws. To add the screws, first add the nuts from the bottom, and then screw the screws in from the top until they grab the nut. (DO NOT TIGHTEN THE SCREWS TOO MUCH! This will clamp the beams down and you won't be able to move them.)

## Model files



**innerleft.stl**

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**outerleft.stl**

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**innerright.stl**

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**outright.stl**

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**beam1.stl**

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**beam2.stl**

# Print files



**spoolholder\_04n\_015mm\_petg\_mk4is\_2h24m.gcode**

PET 0.40 mm 0.15 mm 2.40 hrs 32 g Prusa MK4

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