



Ikea Lack Bearing Spool Holder



Odian-Development

[VIEW IN BROWSER](#)

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Summary

Spool holder that mounts to your Lack frame. Only for open enclosures.

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Tags: [608bearing](#) [bearing](#) [bearingspoolholder](#) [ikealack](#)
[ikealackenclosure](#) [lack](#) [spoolholder](#)

Needed a quick and easy Spool Holder System for my Prusa i3 MK3S+ Clone that is inside an open Ikea Lack enclosure. I made a quick frame and added my favourite spool holder to it so it can be mounted to the Lack frame.

Hope you can make good use of it.

I've added a 3MF file version with 2 additional screw holes in it the object for extra sturdiness of the spool holder, testing shows that one screw hole is enough due to the little side supports on the frame. The 3MF file holds 2 cylinders that apply, 0 walls and 0 infill to our object, thus creating 2 holes in the print.

Print Instructions:

- PLA / PETG
- Infill: 13%
 - Triangles (for additional strength)

- Perimeters(walls): 3
- Bottom layer: 4
- Top layer: 5
- No supports required on all objects
- Print Time: 4 hours and 10 minutes for all parts

Installation instructions:

1. Insert the Roller Pin into the Roller
2. Add your 608 bearings to the 2 pins sticking out of the Roller and place them in the Filament Holder
3. Add an (empty) filament spool to the Filament Holder and find a nice spot on the frame/legs of your Lack enclosure and mark it with a pencil or something sharp on the frame of your Lack enclosure
Note, make sure that your filament spool is not touching the bottom or sealing of your enclosure, it could cause trouble with different brand spools not fitting onto the Filament Holder due to different dimensions, so leave some space between the bottom and sealing.
4. Screw it into place on the marked spot
5. Make good use of your new Spool Holder!

Tools Required for installation:

- 1-3 Screws
- Screwdriver
- Optional:
 - Drill to predrill the hole(s)

Feel free to connect me if I need to add a version for a Filament Holder in a fully enclosed Lack enclosure, also feel free to buy me a [coffee](#)!

This remix is based on



Prusa Mini Side Spool With Bearing Roller

by djkirkendall

Model files



filament-holder-all-parts.3mf

☐ All parts required for this print.



filament-holder-extra-screw-holes-all-parts.3mf



filament-holder.3mf

☐ Lose file.



roller.3mf

☐ Lose file.



roller-pin.3mf

☐ Lose file

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