



filament spool roller

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VIEW IN BROWSER

updated 12. 4. 2022 | published 17. 12. 2021

Summary

A filament spool roller for use on a flat surface. I use this on my "lack" printer enclosure. The rollers use a total...

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A filament spool roller for use on a flat surface. I use this on my "lack" printer enclosure. The rollers use a total of four 608RS type bearings. The base has four holes for screws to secure it in place if desired. It should accommodate spools up to about 75mm in width. Stub axles on the roller ends fit into the bearings. The bearings sit in the depressions on the base. It is a quick & simple print that is easy to assemble.

** 9/4/2021

- changed roller files - print 4 copies of the half roller (filament roller-a.stl) standing up, no supports required. Print 2 copies of the joiner bar (filament roller-b.stl). After printing assemble 1 joiner bar & 2 roller halves to build a complete roller. Repeat for the second roller. Source files on Tinkercad:

<https://www.tinkercad.com/things/lCaFUeaaFdI>

Print Settings

Printer Brand:

Creality

Printer:

Ender 3

Rafts:

No

Supports:

Yes

Resolution:

0.16

Infill:

15%

Filament:

any PLA + any

Notes:

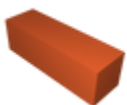
Produce two rollers and one base. Supports are not needed. No post print cleanup should be required.

Category: 3D Printer Accessories

Model files



filament_roller-a.stl



filament_roller-b.stl



spool_roller_base.stl

[Find source .stl files on Thingiverse.com](#)

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