



Big Spool Roller for RepRack



CrankyX

[VIEW IN BROWSER](#)

updated 4. 1. 2024 | published 4. 1. 2024

Summary

Big Spool Roller and Filament Guide for RepRack with support for 180mm to 305mm spools (Roughly 3.5kg spools)

[3D Printers](#) > [Accessories](#)

Tags: [spoolholder](#) [spoolroller](#) [reprack](#)

Big Spool Roller and Filament Guide for RepRack with support for 180mm to 305mm diameter spools (Roughly 3.5kg spools)

No supports are needed for printing and I suggest using 3 perimeters for strength.

Printed Parts:

2x Side A
2x Side B
4x U-Lock-Block
1x Filament Guide

Not Printed:

- 12x Plastite Screws (Same as used for RepRack)
- 4x 608 Bearings
- PTFE coupler large enough for passthrough

Use 1x U-Lock-Block to affix the rollers to the RepRack by sliding the piece between the roller assembly. Use 2x U-Lock-Block with 1 on each side of

the filament holder to secure it to the RepRack (Note: only 2 of the screw holes are used and are offset is using 2 Blocks, see photo)

This remix is based on



RepRack: Open Source Spool Holder And Storage System by Repkord

by Repkord

Model files



big-spool-side-a.3mf

📄 2x



big-spool-side-b.3mf

📄 2x



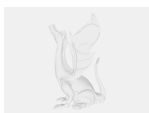
filament-guide.3mf

📄 1x



u-lock-block.3mf

📄 4x



big-spool-roller.step

License

This work is licensed under a
Creative Commons (4.0 International License)



Attribution-ShareAlike

- ✗ | Sharing without ATTRIBUTION
- ✓ | Remix Culture allowed
- ✓ | Commercial Use
- ✓ | Free Cultural Works
- ✓ | Meets Open Definition