



Ultimate filament spool roller for MK4 and MK3

M Micke

[VIEW IN BROWSER](#)

updated 11. 3. 2024 | published 11. 3. 2024

Summary

Smooth spool roller that accommodates pretty thin to pretty thick rolls.

[3D Printers](#) > [Prusa Parts & Upgrades](#)

Tags: [spool](#) [filament](#) [mk3s](#) [roller](#) [mk4](#)

This roller is designed for simple and smooth operation with MK4 and MK3 clips on the frame, and it is compatible with a wide variety of spool sizes. It was developed to ensure a smooth flow of filament, which is extremely important when printing with flexible materials.

To assemble a complete set, print one of each model file.

For the **RollerLONG.stl** file, use at least four perimeters to ensure it is sufficiently strong.

To assemble the legs, use six M4 x 10mm screws (give or take a few millimeters) or glue.

You need **4 x "608" bearings, sized 8mm x 22mm x 7mm**

Model files



rollerlong.stl



rollershort.stl



legthickl.stl



legthickr.stl



legthinl.stl



legthinr.stl

License

This work is licensed under a
[Creative Commons \(4.0 International License\)](https://creativecommons.org/licenses/by-nc/4.0/)



Attribution-NonCommercial

- ✗ | Sharing without ATTRIBUTION
- ✓ | Remix Culture allowed
- ✗ | Commercial Use

- ✖ | Free Cultural Works
- ✖ | Meets Open Definition