



Filament Spool Holder for Ender 3



Eduardo Lourenço Pinto Jr

[VIEW IN BROWSER](#)

updated 30. 7. 2024 | published 30. 7. 2024

Summary

A filament spool holder with bearings

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

A spool holder with ball bearings to replace the original Ender 3 spool holder. The filament bobin is positioned between two cones which provide correct centering. Two 608 ball bearings provide smooth filament movement.

Hardware needed:

608 sealed bearing - 2 pc

150 mm long 8 mm threaded rod

8 mm nut - 1 pc

8 mm parlock nut - 2 pc

8 mm washer - 2 pc

Notes

1. Threded bar, nuts and washers, best in stainless steel, but zinc plated is acceptable;

2. Because filament bobbins may vary in size, you may need one or two spacers to fit;
3. Two washers are advisable to avoid contact between reel and bearing

See Also

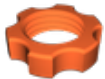
<https://www.printables.com/model/957649-side-base-for-ender-3-spool-holder>

<https://www.printables.com/model/958053-ender-3-bowden-adapter>

Model files



ender_reel-reel.stl



ender_reel-nut.stl



ender_reel-spacer.stl



ender_reel-cone.stl



ender_reel-base1.stl



ender_reel-base2.stl

License

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



Public Domain

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