



Ender 3 Spool Holder (drop in)



N7 Cat

[VIEW IN BROWSER](#)

updated 12. 10. 2022 | published 12. 10. 2022

Summary

Drop in spool holder for Ender 3 - prints as one part, no supports
Recommended BOM (note you could probably substitute...

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

Tags: [crealityender3](#) [ender3](#) [filamentspoolholder](#) [spoolholder](#)

Drop in spool holder for Ender 3 - prints as one part, no supports

Recommended BOM (note you could probably substitute M3 wood screws instead of the embedded nuts and machine screws)

- 4 - M3 X 6 X 5.3 Embedded Nuts (old link no longer works - possible substitution M3 X D5 X L6) <https://www.aliexpress.com/item/4000232858343.html>
- 4 - M3 X 20 Machine Screws (<https://www.aliexpress.com/item/32798146322.html>)
- 6 - 608 Ball Bearings (<https://www.aliexpress.com/item/32797489318.html>)

Tools required:

- Soldering Iron
- Hobby Knife
- Hand Clamp (optional)

Once part is printed separate the bearing sleeves and the two halves from each other. Carefully insert embedded nut using soldering iron, ensure nut remains square to the part. Secure bearings using bearing sleeves to the assembly as shown in image.

Note you will need to remove top rear bearing to insert / remove spool (long bearing sleeve should slide in / out of socket - optional screw shown in image for added strength)

Print Settings

Printer Brand:

Creality

Printer:

Ender 3

Rafts:

Doesn't Matter

Supports:

No

Filament: Generic PETG Post-Printing =====

Placement of embedded nut and bearing sleeves

Category: 3D Printer Accessories

Model files



replacement_bearing_pin_long.stl



spool_holder.stl

License ©

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



Attribution

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