



Spool holder for Printed Solid enclosure, sliding version



Cedric Eveleigh

[VIEW IN BROWSER](#)

updated 2. 7. 2023 | published 2. 7. 2023

Summary

Improved version of the spool holder provided by Printed Solid.

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

Tags: [enclosure](#) [printedsolid](#) [spoolholder](#)

2023-07-02 edit - Here's another spool holder, this one with ball bearings for lower friction (not as easy to make): <https://www.printables.com/model/518331-spool-holder-v2-for-printed-solid-enclosure>

This spool holder is for this Printed Solid enclosure: <https://www.printedsolid.com/products/next-gen-safety-enclosure-for-prusa-style-printers>

Printed Solid provides a model of a spool holder at that page but after printing it and using it, I found that it's not well designed. The hole in the base plate isn't well-aligned with the extruder on the printer, and the hole should be a slot. Your printing might benefit from you using the spool holder that I'm providing here instead of the original one provided by Printed Solid.

I recommend printing this out of PETG, ASA, or another plastic with more temperature resistance than PLA. I printed one of these out of PLA and it sagged heavily when the enclosure got hot. Also, print with a brim.

Here's the Onshape CAD model in case you want to copy and modify it:

<https://cad.onshape.com/documents/22cb06e9596a85f495c3ba4a/w/177f72f66219baa6eee97515/e/3f87d82ed8281cf83c9d15d1?renderMode=0&uiState=62812ee0bac013545b670564>

Model files



spool-holder.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