

Collection of PTFE-style filament holders



Yell

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Summary

Simple spool holder for top or sides. (way better then the bearing thingies)

[3D Printers](#) > [3D Printers - Upgrades](#)

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see credits.

Also spools on these dont free spin so you dont get a tangle mess.

02.12.22 added Steves side mount for Voron spoolholder

20.09.22 added small side mount and retainer

30.08.22 just some new photos for side mounting since I needed a new.
Still works like a champ

13.02.22 updated spoolholder radius on the top section to prevent the spools from rubbing on the printed parts

19.01.22 added sidemount option for anything. (shelf in my case)

Printsetting

(recommended, but feel free to adjust)

Perimeter: 3+

Top/Bottom: 5

Layer Height: ~0.3 (0.2 is fine to but takes way longer)

Infill: 31% Gyroid or 42% Grid, dont cheep out

Assembly

1. push the two parts together
2. stick a part of 3mm PTFE (the cheap white hard ones) in the holes of the spool holder

Credits

<https://github.com/VoronDesign/Voron-Switchwire>

https://github.com/boubounokefalos/Ender_SW

<https://github.com/VoronDesign/Voron-2/>

hymness1 VS.182 (Patrice#2063) @ Voron Discord

SteveBuilds @ YT / Voron Discord

https://github.com/VoronDesign/VoronUsers/blob/master/printer_mods/StvPtrsn/

This remix is based on



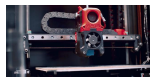
GitHub - VoronDesign/Voron-2: Voron 2 CoreXY 3D Printer design



GitHub - boubounokefalos/Ender_SW: This is a full conversion of the popular Ender 3 Pro/V2 to a Voron Switchwire.



VoronUsers/printer_mods/StvPtrsn at master · VoronDesign/VoronUsers



GitHub - VoronDesign/Voron-Switchwire: VORON Switchwire

Model files



spool_holder_arm.stl

☐ used for all mounts



spool_holder_base.stl

☐ use this if unsure. credits to SteveBuilds



3030_extrusion_spool_holder_base.stl

☐ credits to hymness1 VS.182 (Patrice#2063) @ Voron Discord



2020_extrusion_spool_holder_base.stl

☐ credits to hymness1 VS.182 (Patrice#2063) @ Voron Discord



spool_holder_base_sidemount.stl

☐ i made :)



small_dualside_spool_holder.stl

☐ can fit left and right with low profile. credits to voron 2 repo



ptfe_tube_mount.stl

☐ for side mounted spoolholders, credits to SteveBuilds @ YT

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