

## Voron 2.4 Top horizontal adjustable spool holder



PatternMaker

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updated 1. 8. 2023 | published 1. 8. 2023

### Summary

Well I didn't see anyone else do this. When you need to change back and forth between spool sizes.

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[voron](#)

Here I present, from what I could find? The first no tool adjustable horizontal 2020 extrusion spool holder. Should fit all 2020 frames I just needed it for my 2.4 that is sitting on a shelf on the lower level. Fits normal and big boi spools by simply removing the spool end you can but any spool size you have space for! If you really want to get dangerous you can chop the switch wire spool and lengthen to your hearts desire.

This is a mix of switch wire components and self made base. The VORON team already made great easy to print parts so they did all the heavy work.

**BOM:**

1 x Length of PTFE Tubing for your spool size of choice. (I would recommend at least 10-20mm over your width of choice).

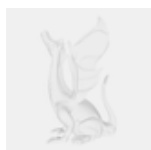
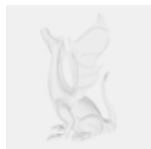
2 x M3 T-Nuts

1 x M3x12 SHCS

1 x M3x8 SHCS

Parts are already oriented in best orientation. Your bridges and supports **should** be tuned well before you attempt. You will need to add support manually to the tabs that rest inside the 2020 its the only part that can not print you will notice the tabs I am talking about. If you want to remove those tabs in the slicer you are more then welcome and it still works. For me I like the tabs sitting in to give the spool holder base more rigidity as well as an index for the base to sit nice and snug. I would first use M3x12 SHCS through the top hole of the holder and add in the t nut. Next install the t nut at the side and then screw in the M3x8 SHCS into that t nut. This isn't required to make it work but helps keep the base steady when removing and adding the spool holders you change. Then the rest works just like the switch wire spool holder. Now pat yourself on the back you printer upgraded your printer. If you have any questions or need more photos. Don't hesitate to ask!

## This remix is based on



## Model files



**adjustable-spool-holder-base.stl**

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**spool-holder-regular-spool.stl**



**100mm\_spool\_holder.stl**

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