



Snapmaker U1 spool holders for when space is limited.

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Summary

These spool holders can be attached and detached vertically.

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I loved Joazito's model for spool holders, where there was limited space at the side of the Snapmaker U1 printer, but I wanted bearings for smooth operation and to take load of the filament feeders. I also wanted labels on the spool holder bases, so I did not make a mistake putting the holders back. The result was this remixed model.

Materials

The build requires 8 608ZZ bearings (outer diameter 22mm, inner diameter 8.1mm, width 7mm). I got them from <https://www.aliexpress.com/item/1005012717226918.html>

You also need 8 x 5mm, M3 self-tapping screws.

Printing

The prints have embossed numbers - paint them your preferred colour using Orca painting function.

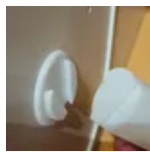
Print base and spool holder on their flat faces.

These are best printed on a U1 in PLA with PETG for support.

Assembly

1. Put the bearing onto the bearing mount and screw on the bearing cap with an M3 screw.
2. Insert the bearing assembly into a slot on the spool holder and fix with an M3 screw.
3. Repeat for all bearings.

This remix is based on



Snapmaker U1 Top-load Easy Spool Holder

by joazito

Model files



base-1.stl



base-2.stl



base-3.stl



base-4.stl



meshbody1-spool1.stl



meshbody1-spool2.stl



meshbody1-spool3.stl



meshbody1-spool4.stl



bearingmount.stl

📄 x 4



bearingcap.stl

📄 x 4

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