



Cardboard (Polymaker) spool roller wall mount



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Summary

Cardboard spool mount for polymaker spools, integrated rolling function

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[polymaker](#) [mmu3](#) [polyterra](#)

I wanted to make sure my most used spools were easy to access while not taking up too much space around my printer.

I designed this mount to easily fit the polyterra cardboard spools. they may fit other spool brands.

for each holder the BOM is as follows:

- 1x printed part
- 3x shoulder bolt M6 x 8 (ISO 7379)
- 3x 608 bearing
- 5x nut M6 (DIN 934)
- 2x Screw M6 (protruding between 5 and 8mm from the wall)

See drawing for more details.

This design is made for spools with a hole of Ø55mm and an inner diameter of Ø92mm

The spool will sit 24mm from the wall surface

I have made an extra bowden tube mount (attached as well) for bowden tubes with outer diameter of Ø4mm. The hole should be threaded after printing (M6 i believe)

Model files

wall-spool-mount.step

bowden-tube-bend-guide.step

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