Modular wire spool stack

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VIEW IN BROWSER

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Summary

Modular wire spool system including parametrized Fusion 360 file for you to customize.

Hobby & Makers > Organizers

Tags: `soldering` `wire` `wiremanagement` `wireholder` `f3d`

I had a variable number of wire spools which I wanted to easily "store" long term and take out so I could work with. So I came up with this "system" which can easily be chucked in a storage bin and taken out and put on a desk.

It consists out of three components:

- **Base:** print only once
- **Holder:** you can print this zero or more times
  - Holder: the actual case
  - Center pin: the "pin" that the wire spool rest on and screws into the base or holder.
- **Lid:** print only once
  - Lid: the actual lid
  - Screw: a screw that fastens the lid to a center pin.

You can change the parameters to match your stack of spools and print how ever many holders + base + lid. The models are FDM optimized so make sure you always have the big flat parts on the build plate.

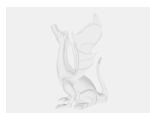No post processing involved!

Model files

lid.3mf

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lid-screw.3mf

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holder.3mf

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holder-center-pin.3mf

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base.3mf

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wire-spool-modular-v14.f3d

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