



Spinning Filament Swatch Display - Lifts Swatches



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Summary

Filament swatch holder for 24x24mm swatches (Bambu Lab style). Holds 80 swatches & ramp lifts them up as you spin.

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I wanted a way to store my 80 piece Bambu Lab filament swatch samples in a clever and satisfying way. Most of the raising holders only held 40, raised swatches up uniformly, and used bearings. I wanted something that could be fully printed, no bearings. And this design raises the swatches up, then abruptly drops them down so you can really see the one in the front and grab it easily.

You don't need Bambu Lab swatches for this, I've included a modeled up blank you can use and customize or label on your own.

Print Settings:

- Top Layer Height: 0.20mm
- Bottom Layer Height: adaptive or 0.10mm (for smooth ramp)
- Top & Bottom Surface: Concentric

- Print top upside down
- Use Arachne wall generator for best results
- As designed it will only turn clockwise, mirror base to turn counterclockwise

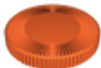
For best turning:

- Sand the ramp smooth with 220 grit sandpaper if needed
- Put rubber feet on the bottom so the base won't spin while turning the top

Model files



spinning-filament-swatch-display-bottom.stl



spinning-filament-swatch-display-top.stl



bambu-lab-style-filament-swatch.stl

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