



Ender 3 small spool holder with removable endcap

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Summary

I have filament spools with a small (32 mm) hole that can't be installed on the standard holder (which has a fixed 36...

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I have filament spools with a small (32 mm) hole that can't be installed on the standard holder (which has a fixed 36 mm shoulder at the end). So, I made this simple holder with a removable endcap.

It was redesigned from scratch, with inspiration from [this other holder](#). Whereas it uses a threaded nut, mine has the baionet variant, since that's what my machine came with. Also, I used a slightly different design for the snap-in mechanism. (In retrospect, theirs makes more sense, I'll incorporate it at some point).

See also [that other one](#) for an alternate solution (smaller spindle, no removable endcap).

[Open in Fusion 360](#)

Print Settings

Printer Brand:

Creality

Printer:

Ender 3 Pro

Rafts:

No

Supports:

Yes

Resolution:

0.20

Infill:

20%

Filament: Noname PLA PLA Green

Notes:

Printed horizontally with supports for maximal shear resistance, not sure if adherence between layers would provide enough strength if printing vertically.

Category: 3D Printer Accessories

Model files



end_cap_v3.stl



full_spindle.stl

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