



Sprung Closed Pill Box



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Summary

Got tired of my pill box coming open in my pocket. Now It's sprung closed.

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Tags: [box](#) [case](#) [pills](#) [springloaded](#)

I increased the thickness of the cap a bit to be able to fit a slot for a pen spring. A pin can then be inserted through the body to interact with the spring, keeping the box closed in your pocket. I used a piece of a clothes pin spring for the pin.

I recommend printing at 120% scale for the body and 119% for the lid.

The Original had SLDPRT files which wont work in fusion for remixability so I also converted the originals to STEP and uploaded them here for anyone that wants to mess with it.

Print Settings

Printer Brand:

Creality

Printer:

Ender 3 Pro

Rafts:

No

Supports:

No

Resolution:

.2

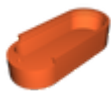
Infill:

15

Filament: Hatchbox PLA White

Category: Containers

Model files



body_mk3_print_120.stl



original_body.step



remixed_pen_spring_body.f3d



top_mk7_print_119.stl



original_lid.step



remixed_pen_spring_lid.f3d

[Find source .stl files on Thingiverse.com](#)

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