



Toothpick Dispenser v2 - Push & Pick



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Summary

Mechanical Toothpick Dispenser v2 – Push & Pick

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This toothpick dispenser is a fun and practical way to elegantly offer a toothpick! Just press the button – one toothpick rolls forward and you can easily pick it up. Perfect for the kitchen, your desk, or as a surprising little gift.

Tip: Use high-quality, straight toothpicks – they roll better.

Warning: It's oddly addictive! 😊

Included parts:
The model consists of several parts:

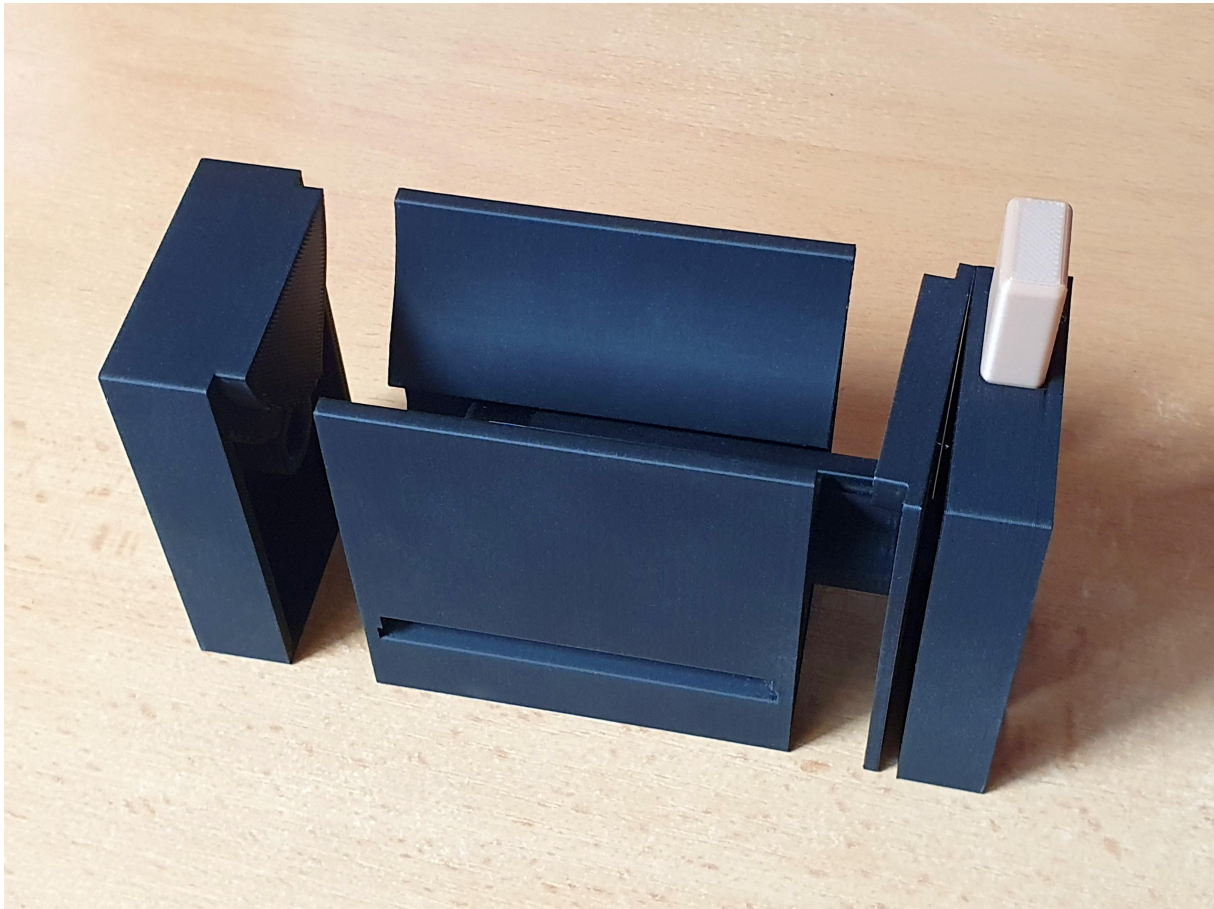
- Outer shell with wood texture
- Inner mechanism body
- Button with gear teeth
- Shaft with a notch for the toothpicks
- Left and right side panels
- Shaft holder

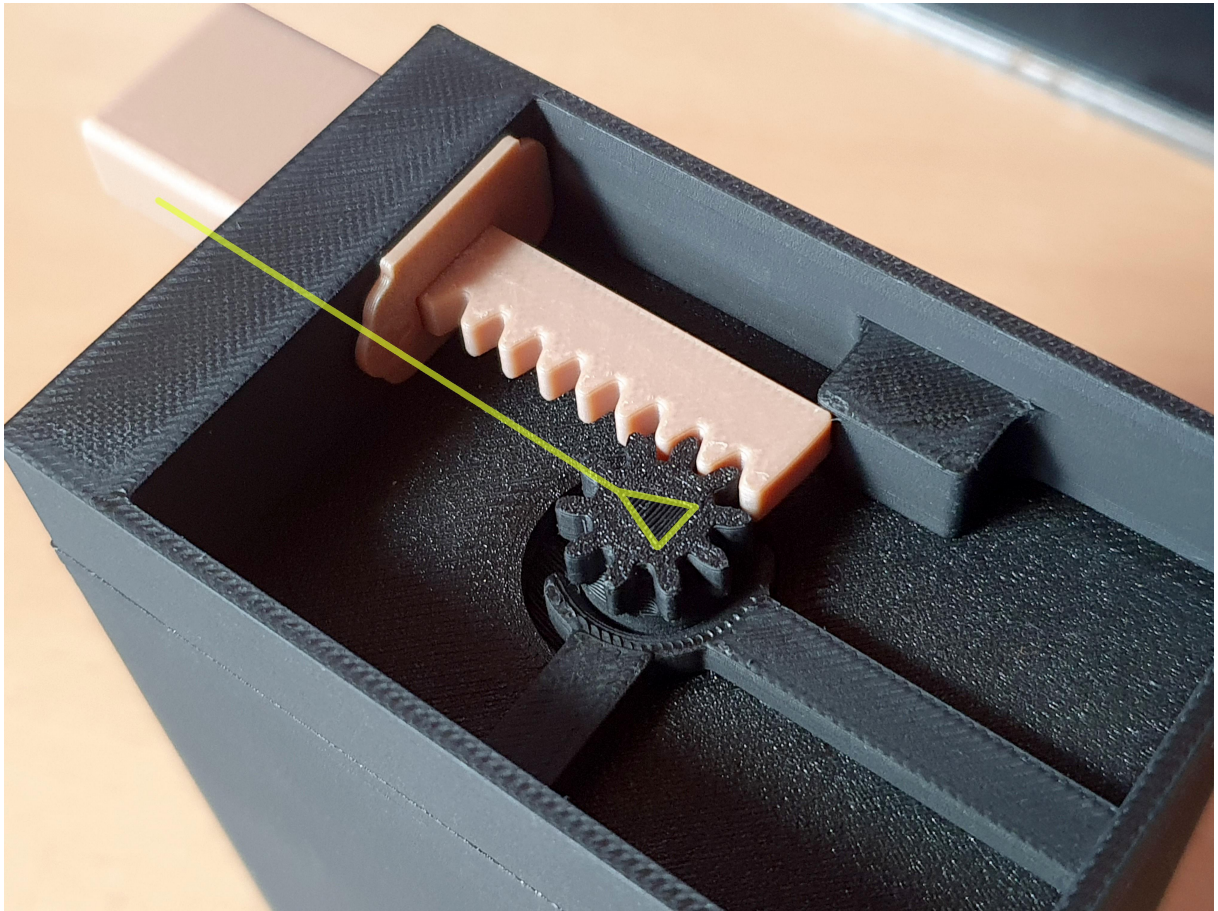
- Spring
- Toothpick ramp
- Lid

Assembly instructions - Push & Pick

1 Assembling the mechanism body:

- Connect the left side panel to the main body (black part).
- Insert the shaft with gear into the body.
- Close the assembly with the right side panel.





2 Preparing and installing the button:

- Snap together the two parts of the button.
- The gear teeth on the button must face the side with the small letter **T** (printed on the button).
- Insert the button into the shaft holder so that the teeth face inward toward the shaft.
- Pull the button up to its highest position.
- Mount the button onto the shaft so that:
 - the arrow on the shaft points upward
 - the gear teeth mesh correctly.
- Insert the spring under the button so it pushes the button upward.

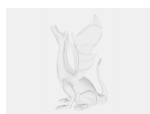
3 Final assembly:

- Slide the entire mechanism into the outer shell.
- Fill the dispenser with toothpicks.
- Close it with the top lid.
- Insert the front ramp all the way into the front slot.

Print information:

- You can print the inner mechanical parts on a single build plate.
- The outer body, button, and lid deserve their own plate for the best visible surface quality. 😊

Model files



toothpick-dispenser-ver-2.3mf

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