



Pretzel cutter with press cleaner



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Summary

A pretzel cutter with an included press for easy release of the dough. All parts are 3dPrinted, including the spring.

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Tags: [spring](#) [cookiecutter](#) [kitchentool](#) [pretzel](#)

A pretzel cutter with an included press for easy release of the dough. All parts are 3dPrinted, including the spring. Prints best in PLA.

The spring is generated using this brilliant parametric spring model in Fusion360 (<https://www.thingiverse.com/thing:4591444/files>) , created by [HeyVye](#).

Recommended print settings:

- nozzle diameter : 0.4mm;
- layer height : 0.10mm/0.20mm;
- infill : 15%;
- speed : 300 mm/s (or your maximum printer speed);
- no supports needed for the PretzelCutter_Form and PretzelCutter_Cleaner;
- print PretzelCutter_Button **on the side with support**, to increase it's strength;

The print time with layer height 0.10mm and the above setting is:

- 43min - for the spring model;
- 19min - for the pretzelCutter_button;
- 1h 43m - for the 2 other parts;

Recommmaended print position, as in the 2 attached pictures from the slicer.

Possible improvements:

- add rim to the press button top part, for a easier way to close the mechanism;
- outer wall of the pretzel form (bottom part) to be thicker (from 1mm to 2mm). In this way, the form will be sturdier);

Model files



pretzelcutter_cleaner.3mf



pretzelcutter_form.3mf



pretzelcutter_button.3mf



spring_printed.stl

pretzelcutter.f3d

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