

ZINC 2.0 Print Guide

Updated 8/8/2021

118 Design

DON'T RUIN THIS FOR EVERYONE.

Like any toy blaster this one, depending on its appearance & presentation, has the potential to be mistaken for a real firearm. This blaster must be printed in bright colors and used responsibly so that it cannot under ANY circumstances be misconstrued for a deadly weapon. If you fail to build & use this blaster with this in mind you will jeopardize not only your own life, but also the future of this hobby.

NOTICE:

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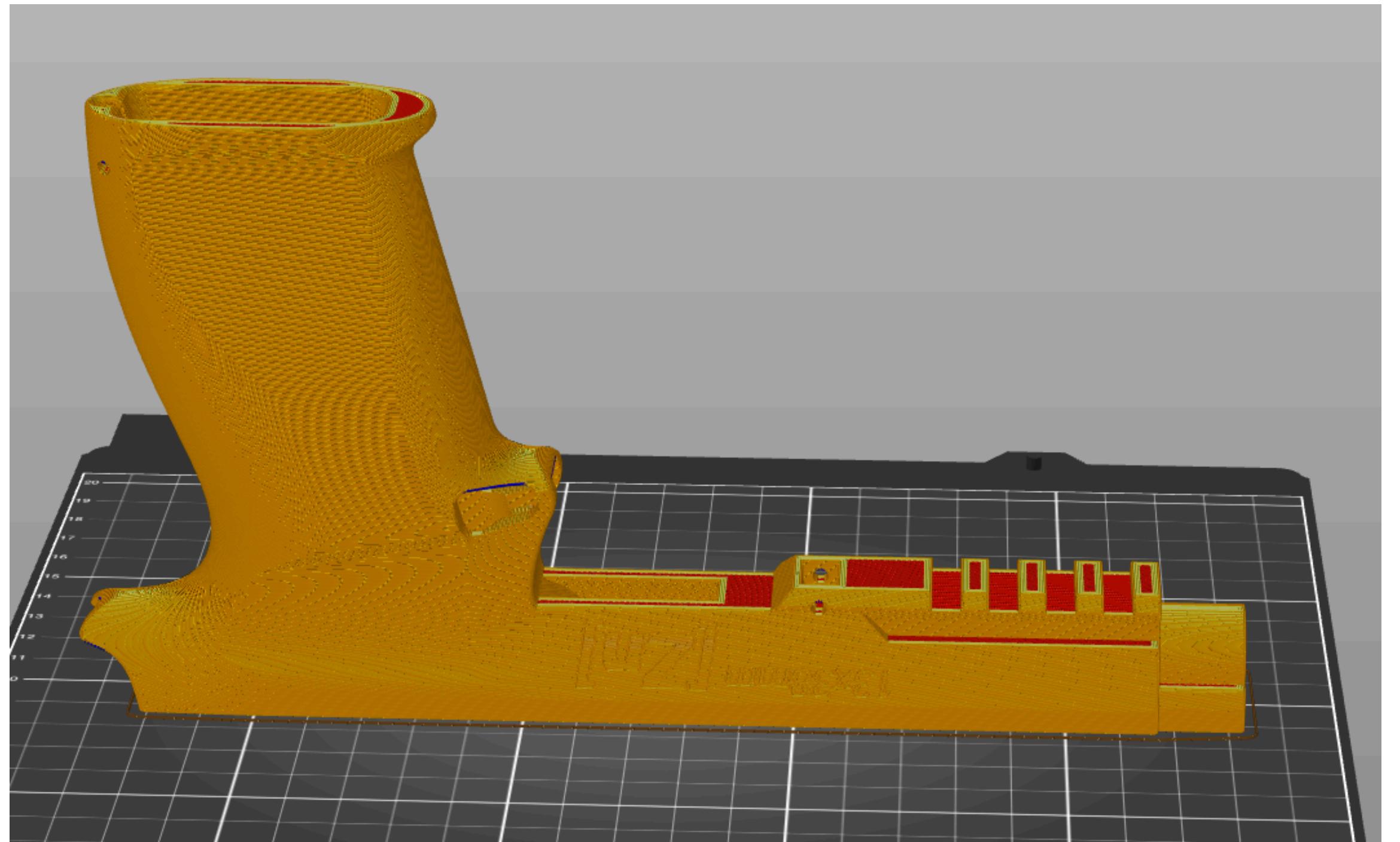
Introduction

- The files for all 3D printed parts can be found at: <https://github.com/118design/ZINC/>
- Please send any questions or comments to: support@118.design
- Hardware kits may be purchased at: www.118.design



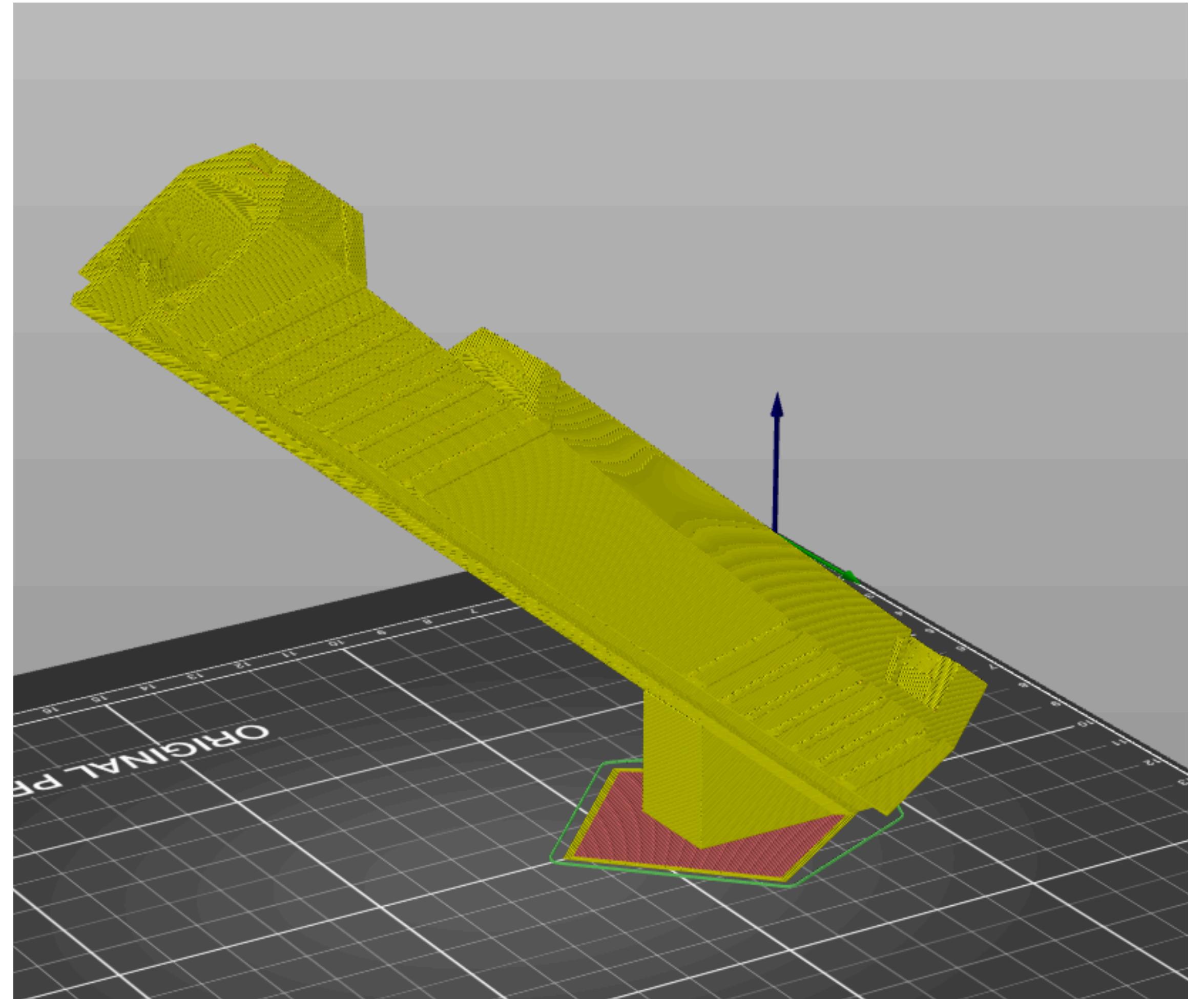
FRAME

- 0.2mm Layer Height
- 6 Perimeters
- 5 Top, 5 Bottom
- Full infill is ideal
- NO SUPPORT
- NO BRIM
- Ensure excellent bed adhesion, lift from the bed will ruin the part.
- PETG or PLA+
- Avoid “elephant’s foot”. If it is present you will need to clean up the rails with an Exacto knife.



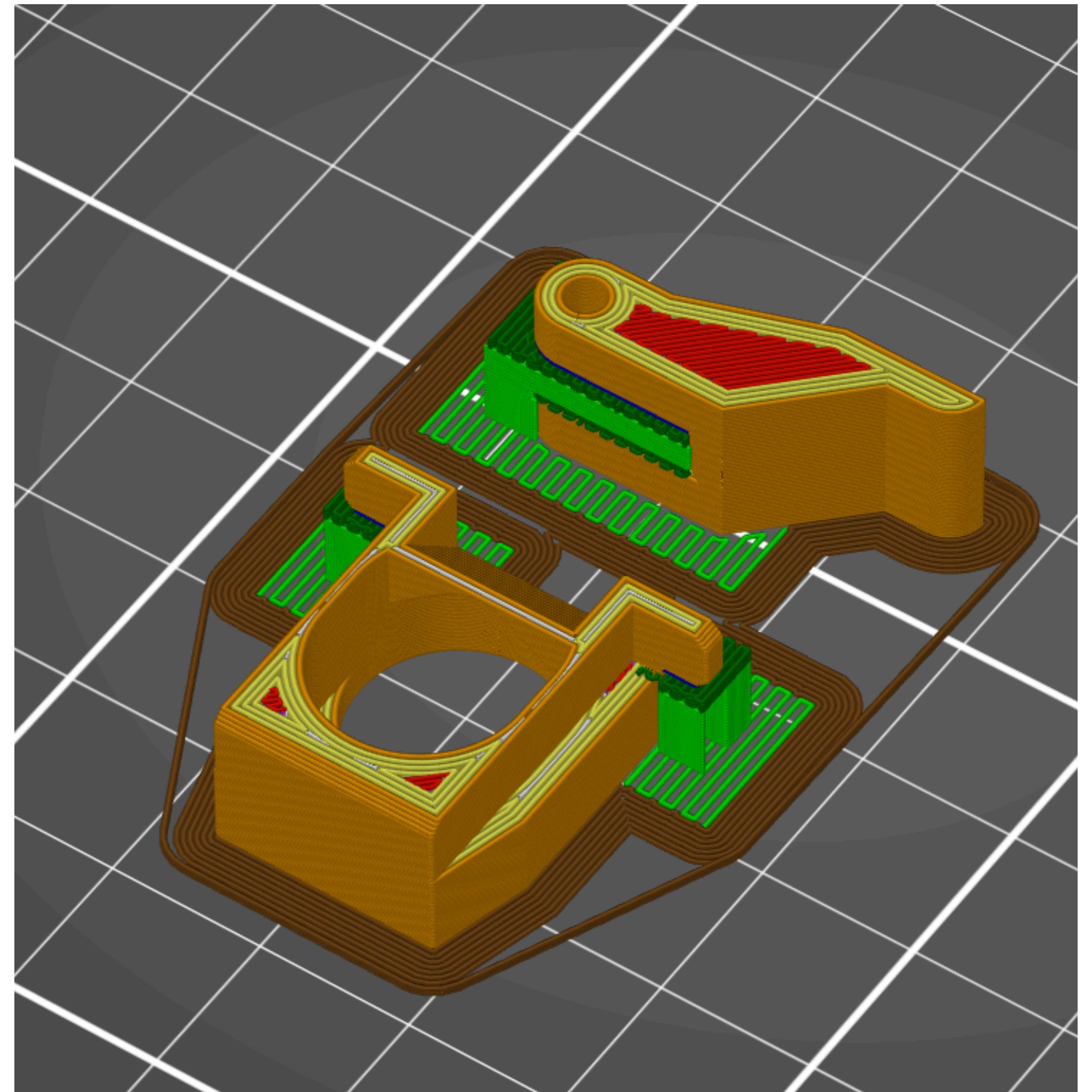
SLIDE

- 0.2mm Layer Height
- 6 Perimeters
- 5 Top, 5 Bottom
- 100% infill
- No Supports
- PETG recommended. This part needs to flex to install the plunger tube.
- Ensure there is no warping: *print slowly & be mindful of how your fan shroud is oriented.*



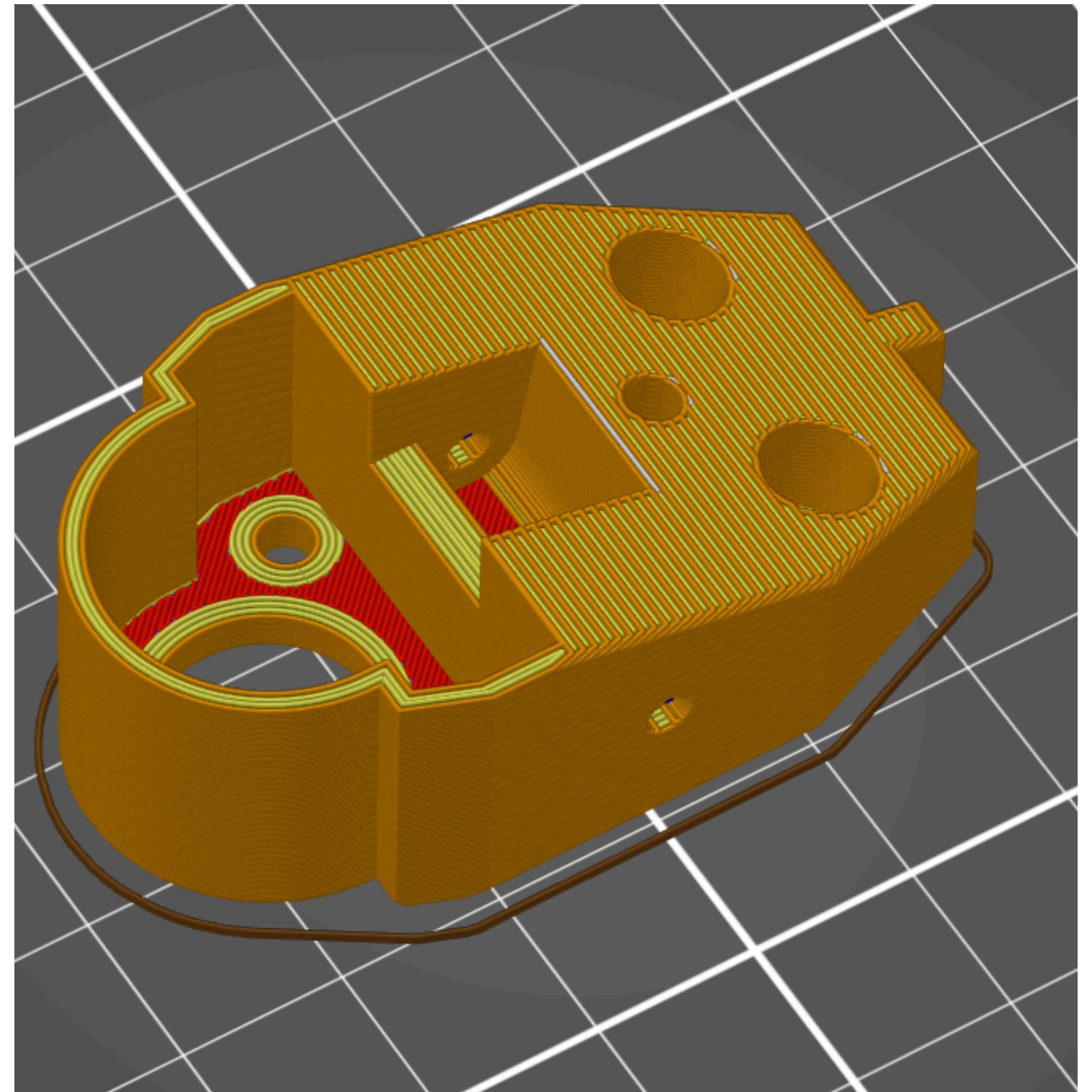
CATCH & SEAR

- 0.2mm Layer height
- 4 perimeters
- 100% infill
- Print with support as shown.
- PLA+ or PETG



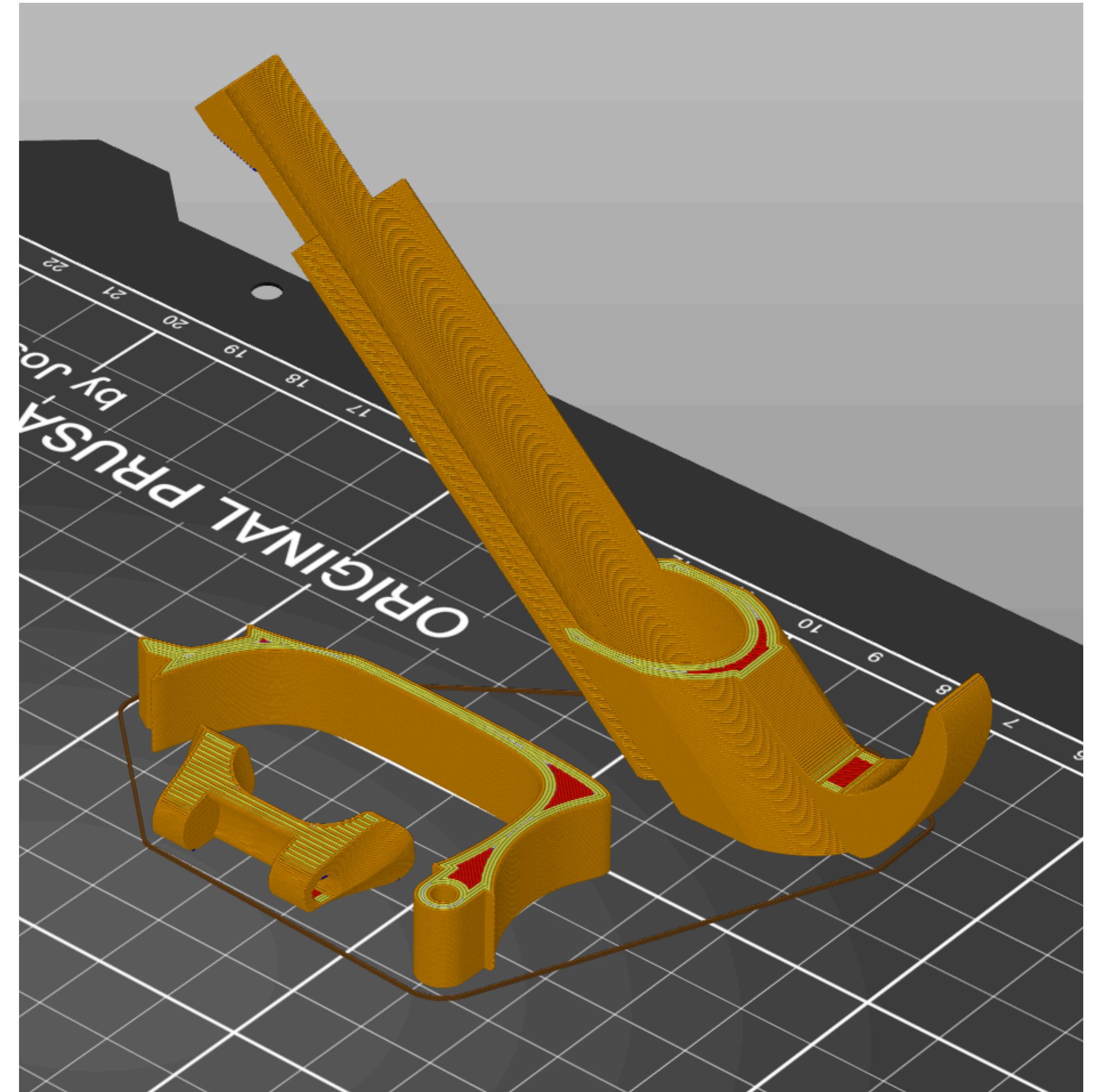
FRONT

- PRINT IN HIGH-VIS ORANGE.
- 0.2mm layer height
- 4 perimeters
- No supports
- 5 top, 5 bottom



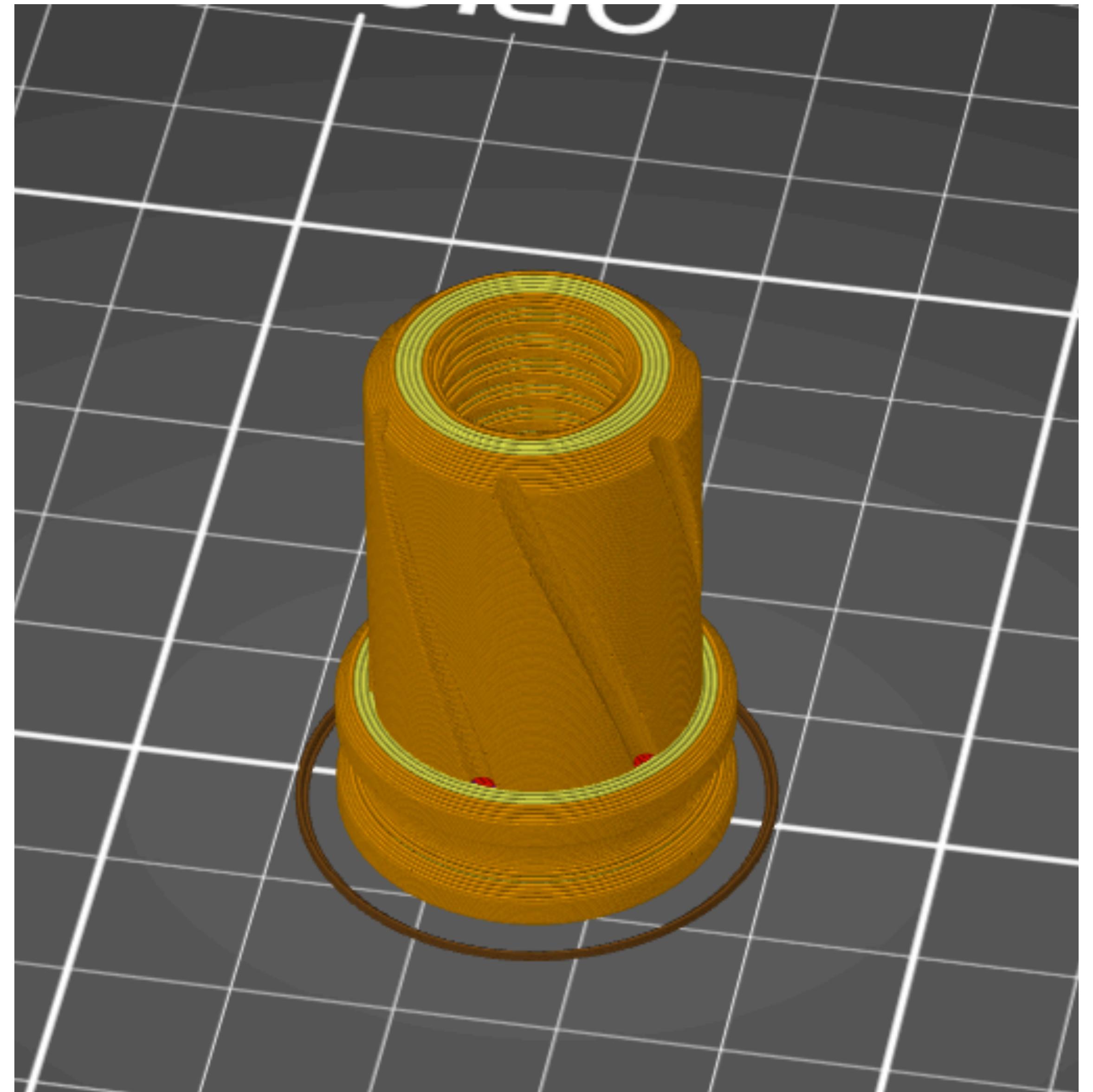
TRIGGER, RELEASE, GUARD

- Print the “RIGHT” variations of GUARD and RELEASE if you are right handed. Same for left handed.
- 0.2mm layer height (print RELEASE at 0.1mm layer height for best resolution)
- 6 perimeters
- Try to do this without a brim. There will be a lot of cleanup if you need to use one.



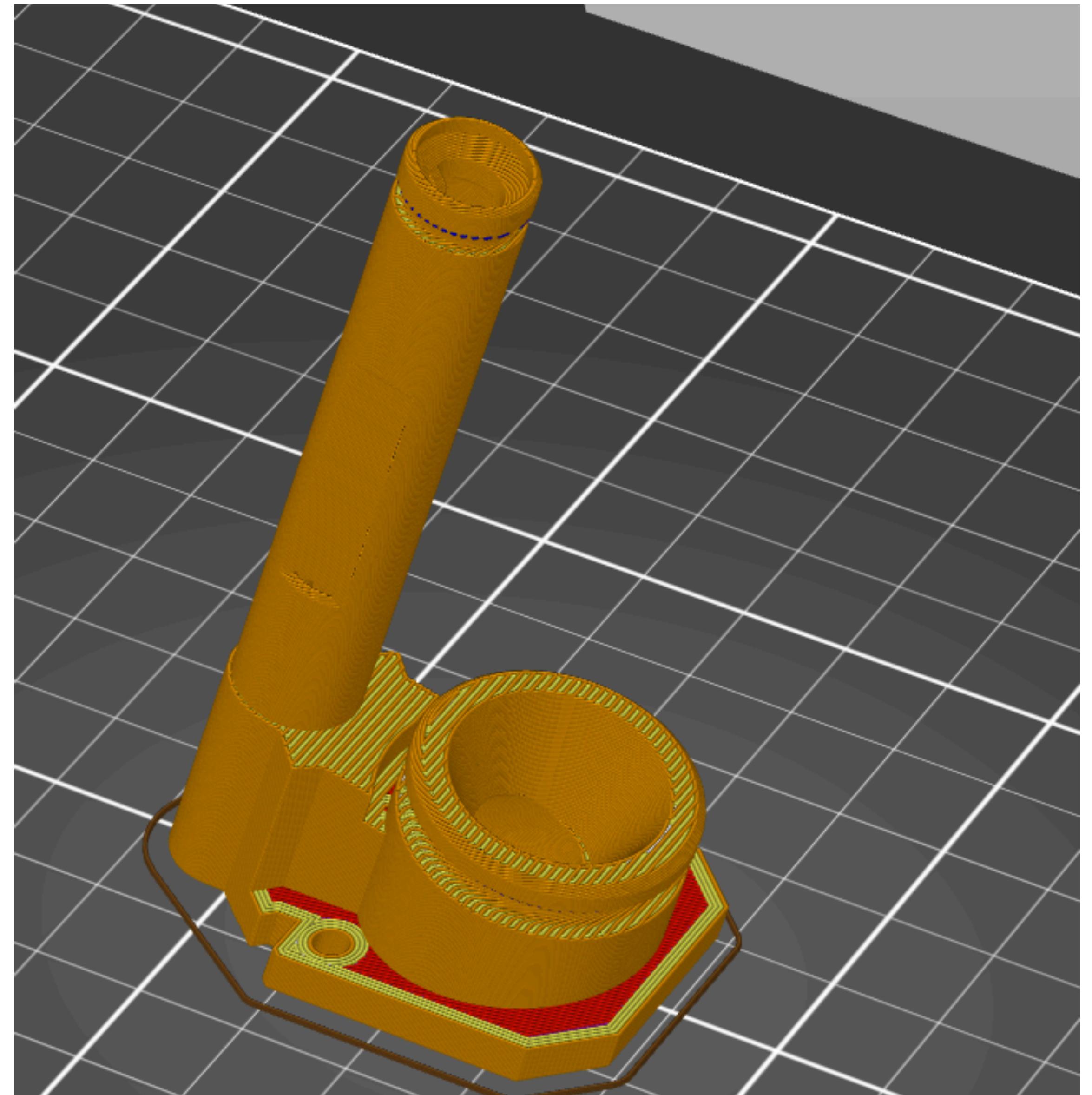
PLUNGER

- 2 variations, high & low power.
- 0.2mm layer height
- No supports
- 6 perimeters
- If you can't thread the aluminum plunger core into the printed part you need to recalibrate your printer.



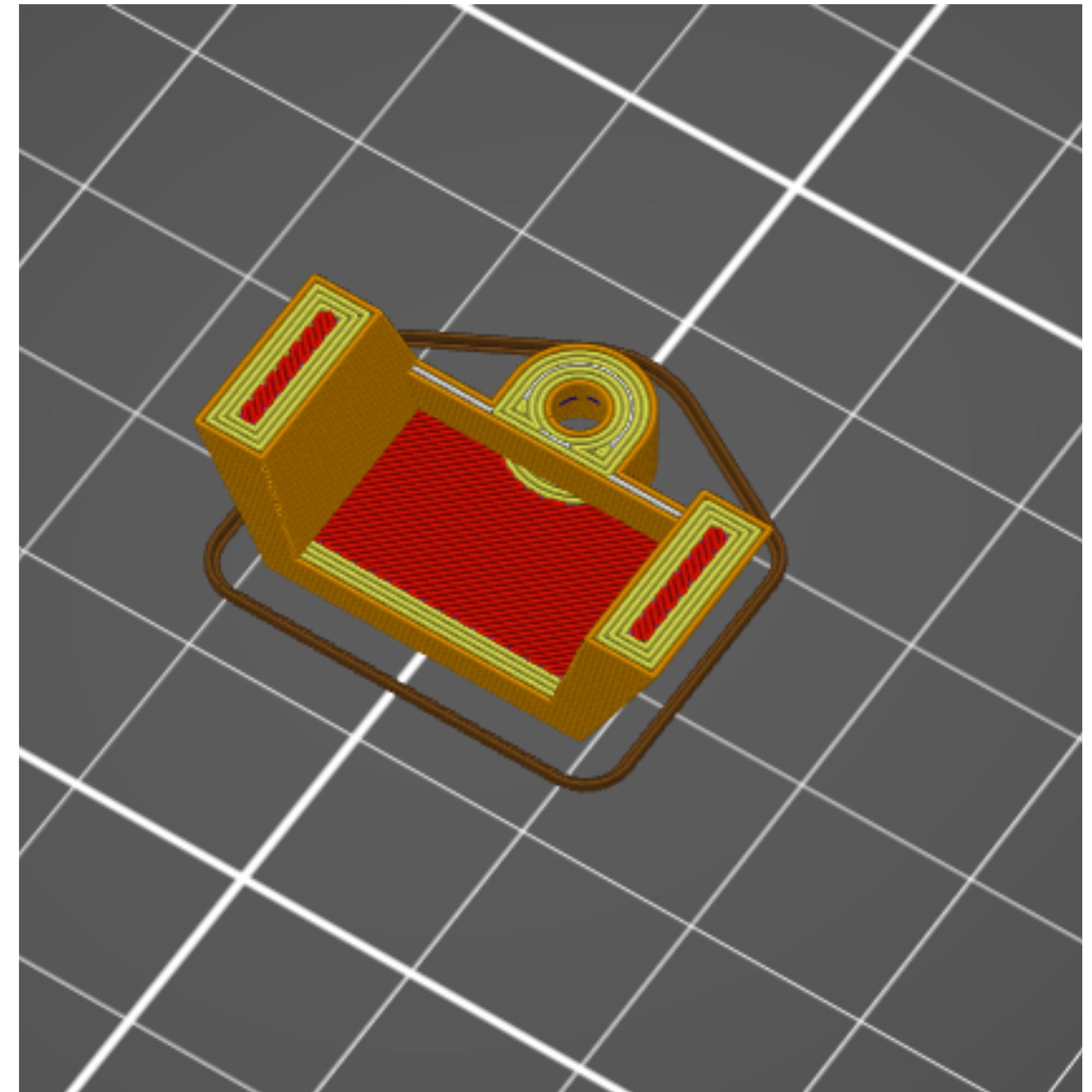
REAR

- 0.2mm Layer height
- 6 perimeters
- No supports



COVER

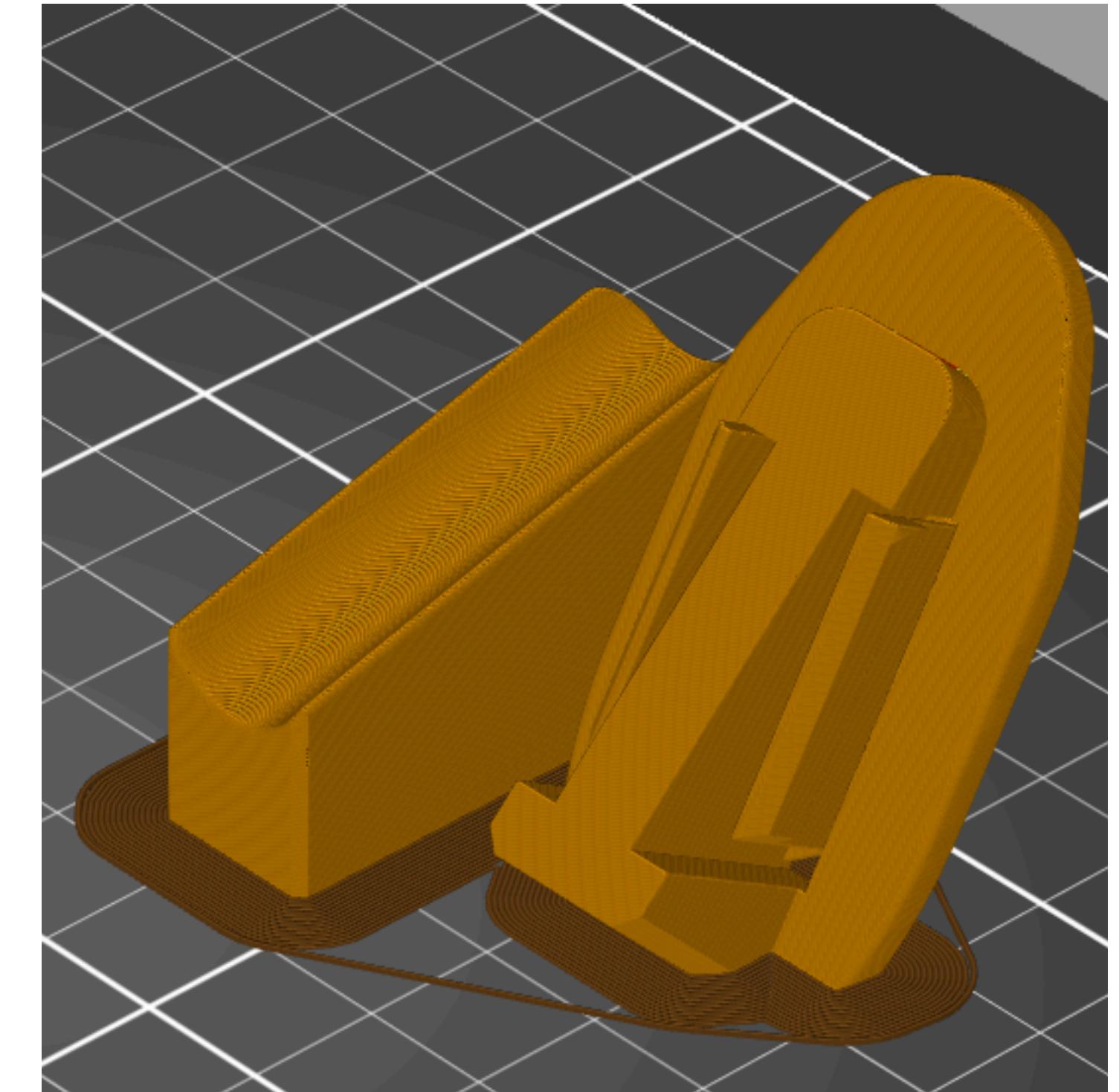
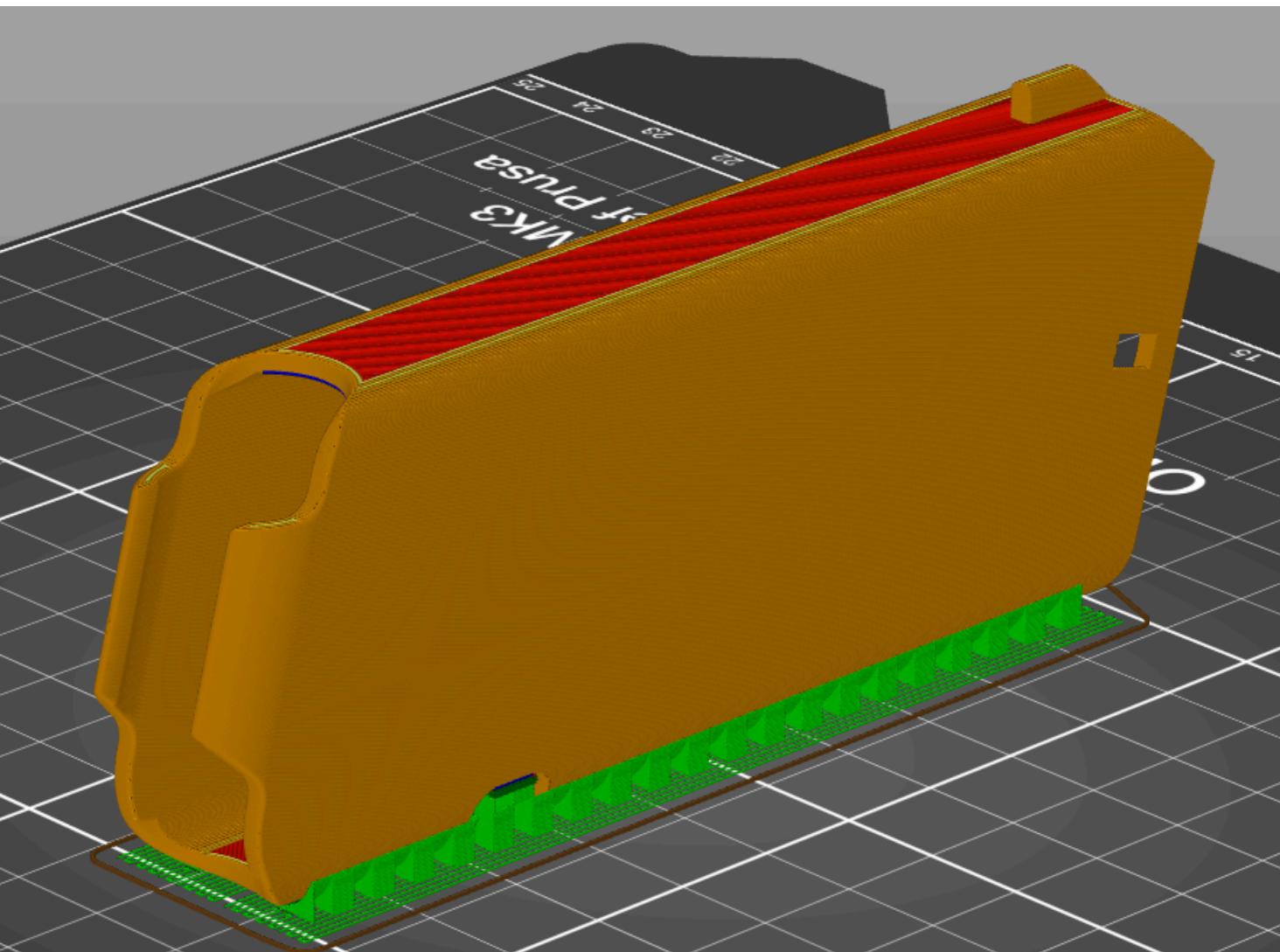
- Just print it.



MAGAZINE

Option A

- 0.1mm Layer Height
 - 3 Perimeters
 - Brim for adhesion
-
- This orientation can be challenging to print. Make sure your bridging and overhangs are dialed in. Go to the next page for an alternative option.



MAGAZINE

Option B

- 0.1mm Layer Height
 - 3 Perimeters
 - Brim for adhesion
-
- This orientation will require you to sand the magazine well to get rid of the noise.

