



Fidget Triangle Puzzle



EBD Design Studio

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Summary

A little finger-fidget puzzle - can you take it apart? Can you put it back together?

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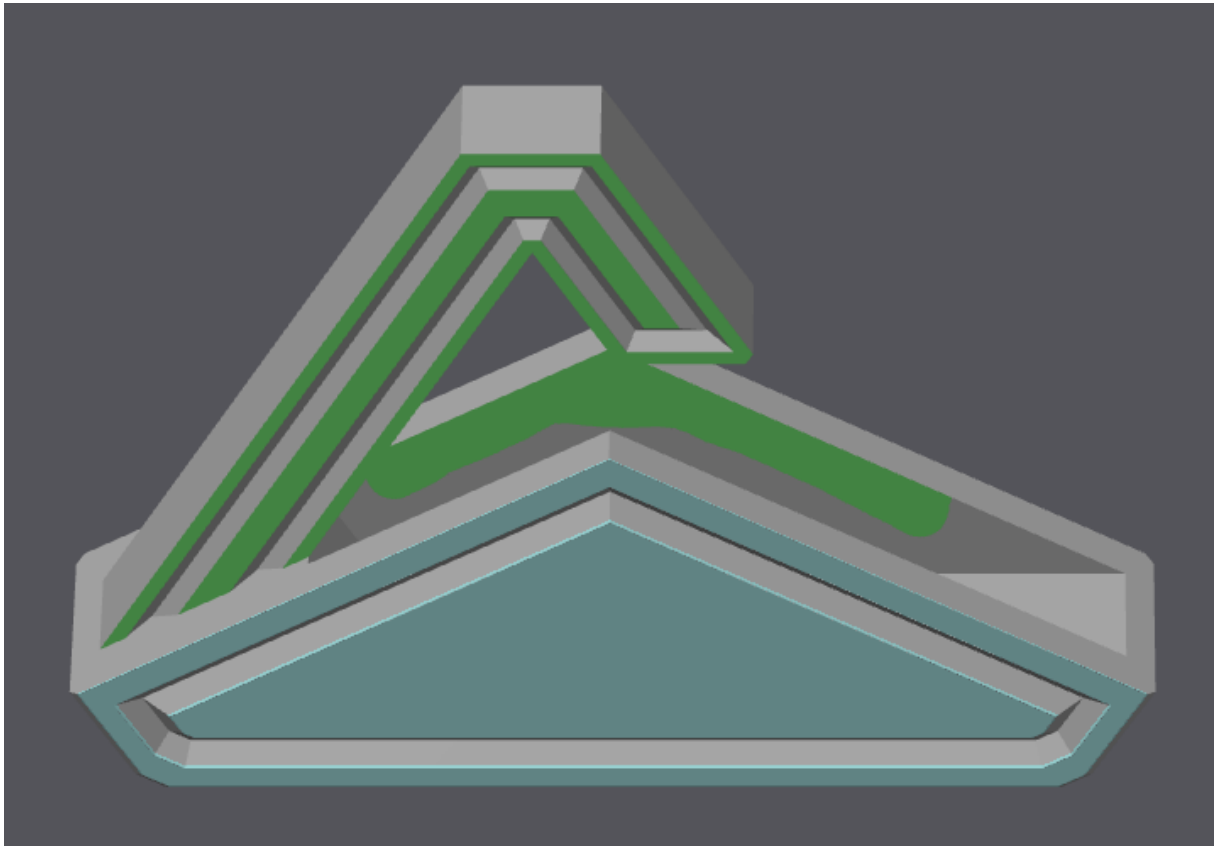
A simple little puzzle - nothing special but I find myself fidgeting with it when I'm doing other things - hence the title. You'll need to print three of them and they can be made of anything - in the images above I have Silk, Tri-Silk, Wood, Marble, Transparent and PLA+.

Designed in OnShape CAD and printed with Orca Slicer.

Printing

Layer height can be 0.16 or 0.2 mm, and I used 4/4/4 walls/top/bottom.

For strength they need to be printed on their side (ask me how I know this...) so it will need supports. However it doesn't take a lot and I've found that using painted Tree support as follows works pretty well and needs minimal cleanup. I adjusted the support interface to be pretty dense so that it comes off in mostly one piece (in Orca I checked On Build Plate on and set Top Interface Spacing to 0.2mm).



Solution

It's easier to show than to explain - but do try for yourself first!

EdinBearDragon



Support me on Ko-fi

Model files



fidget-triangle.stl

fidget-triangle.step

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