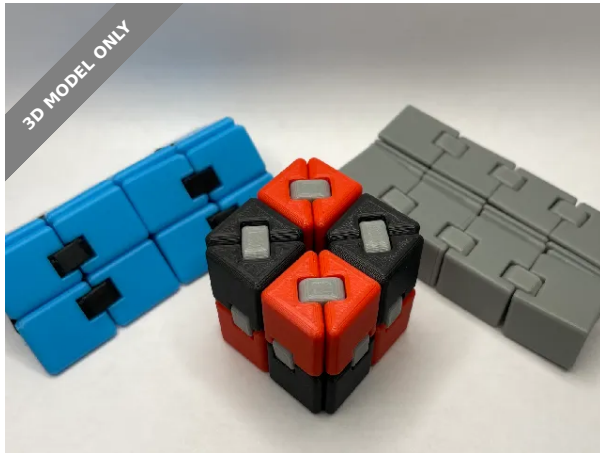




Infinity Fidget Cube Ultra



DaHouzKat

[VIEW IN BROWSER](#)

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Summary

My take on the very popular fidget infinity cube

[Toys & Games](#) > [Puzzles & Brain-teasers](#)

Tags: [puzzle](#) [fidget](#) [cube](#)

Here is **my take** on the very popular "Infinity Cube" with a **twist** !

Features

- Easy to print in single or multiple colors
 - Model can be printed in one or more colors with or without a MMU
- Easy to assemble
 - Templates are provided for easy assembly
- Follows you everywhere
 - Box allows storage and transport

Be advised, this model is not that « easy » to print

- Consider this model **as a torture test** for you printer, filament profile and your skills
 - This model can be “Print-In-Place” with a MMU
 - Everything must be very fine tuned to be printed successfully
 - Please, try to print the “mmu_test” first
 - The tolerances between parts are very tight
 - You may need to resize the links to make them snap into place

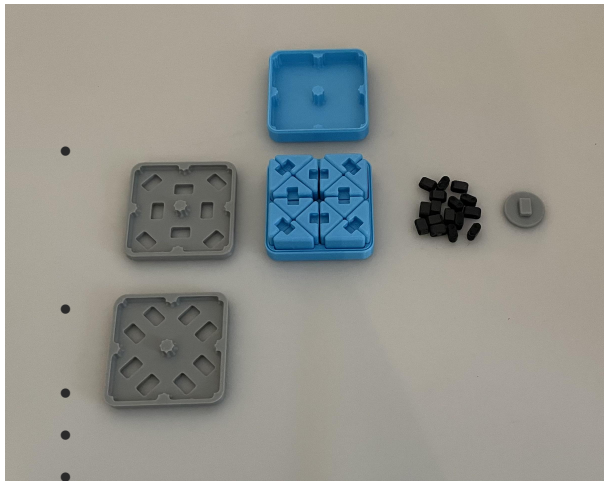
Print instructions

- Filament
 - PLA (recommended)
- Print settings
 - Default Prusa Slicer 0.20mm STRUCTURAL
 - Supports : None
 - **Fidget parts**
 - Perimeters : 2
 - Infill : 100% Rectilinear (the heavier the fidget, the better the feeling)
 - Seam position : Rear (recommended)
 - Paint-on-seam (for aesthetic reasons)
 - Make sure the seams are on the edge of the fidget parts
 - **Fidget Links**
 - **Be advised**
 - Not all 3D Printers and print profiles produce the same results
 - You may need to resize the links to make them snap into place
 - Please, post a make to let us know
 - Infill : 25% Grid ~ Zig Zag
 - Perimeters : 3
 - **Fidget Templates & Box**
 - Infill : 15% Grid ~ Zig Zag
 - Perimeters : 2~3

Change Log

- 2024-12-17 Split the MMU Plate into two
 - One plate for the fidget and one plate for the test

Assembly



Place the fidget parts in the storage box and make sure the top parts are aligned correctly

Flip the box and make sure the bottom parts are also aligned correctly

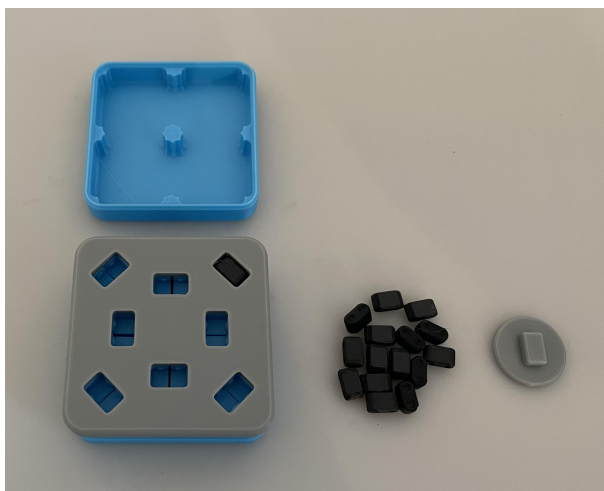
Place the template on top of the parts

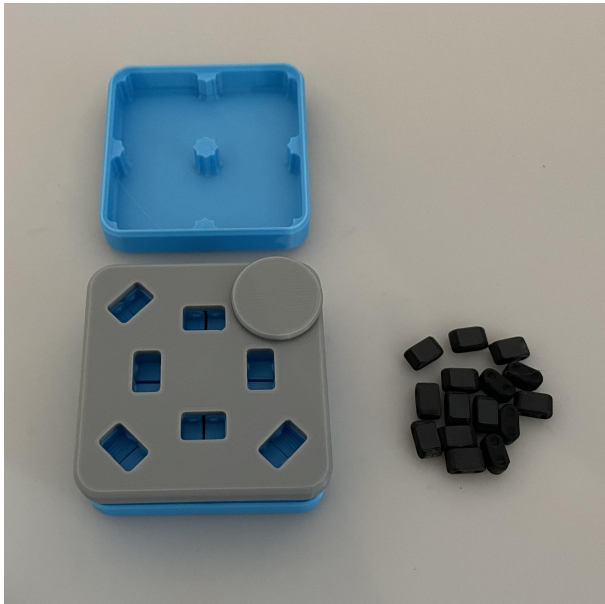
Place the links into the slots

Press all the links into place

If the links are too hard to press in by hand, use a small hammer ;-)

Flip and repeat





Model files



MMU Plates

2 files



fidget_mmu_3colors.3mf



fidget_mmu_test_3colors.3mf



No MMU Plates

5 files



fidget_parts_1color.3mf



fidget_parts_2colors.3mf

☐ Slice and print each "part" separately



fidget_links.3mf



fidget_templates.3mf



fidget_box.3mf



Parts

4 files



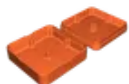
fidget_parts.stl



fidget_links.stl



fidget_templates.stl



fidget_box.stl

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