



Circle game gravity knife



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Summary

A gravity knife carefully crafted and expediently designed to inflict emotional damage. Also an annoying fidget toy.



2.17 hrs



1 pcs



0.20 mm



0.40 mm



PLA



31 g



Prusa MK4

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Tags: [prank](#) [okay](#) [gravityknife](#)

I also hopped on the 3D printed gravity knife craze, I just designed mine with a slightly different approach.

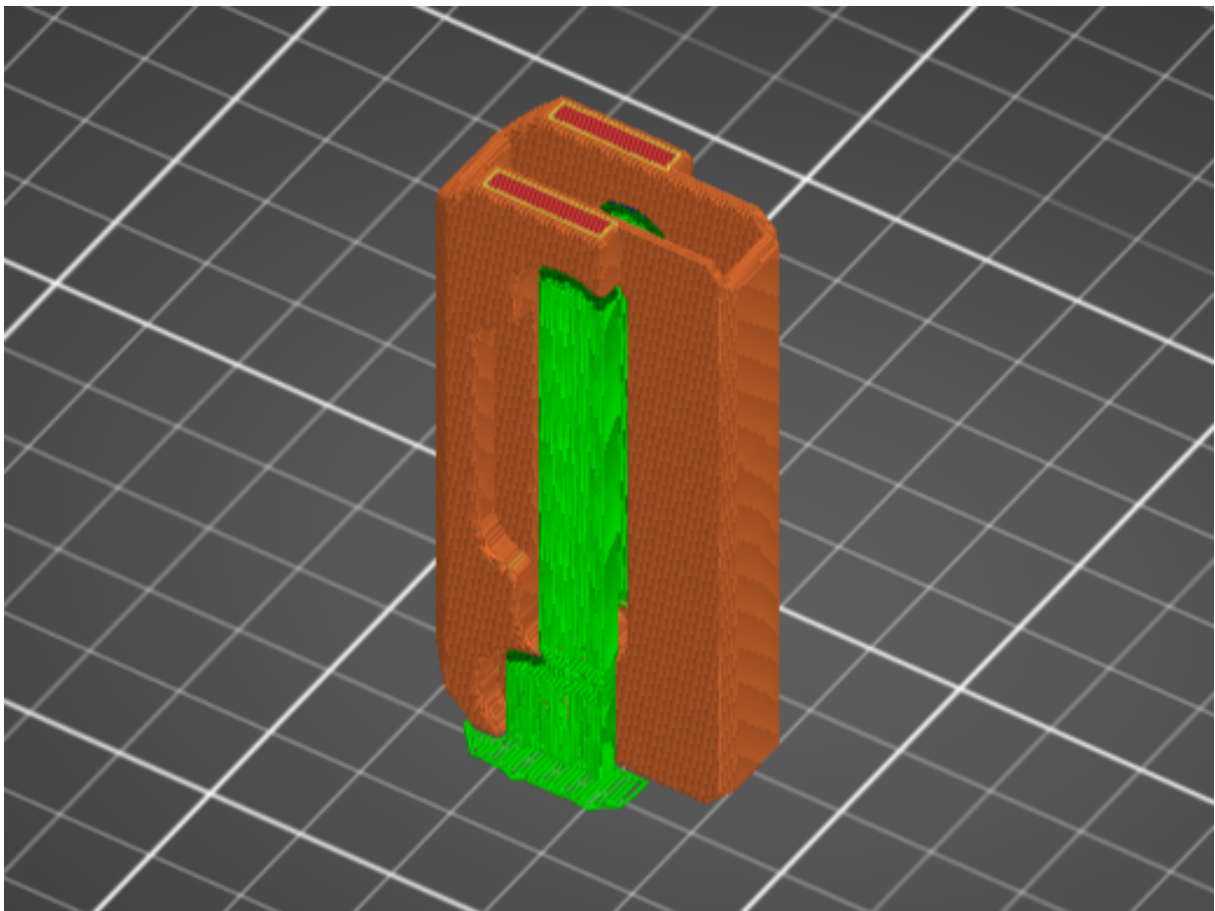
The handle is slightly redesigned version of the beautiful Carrot Gravity Toy Knife remix made by [Chris Klepel](#).

Have you noticed the subtle stylized letters I added to the sides? If not, it's still OK... ;)

Instructions

Printing

Print all parts as they are oriented in the project file. Use a lower layer height for the screws and the blade for finer treads, 0.15 worked just fine for me. Use supports on the inner half of the handle and use 100% solid infill for the blade to give it a little bit more weight.



I've printed mine using Prusamnet Galaxy Black PLA, Fiberology PLA Mineral Marble and Fillamentum PLA Mellon Yellow. I think they work together pretty well.

Assembly

Chris suggests the use of a tap and die set on the treads. Since my blade is printed horizontally I figured all I had to do is **driving an M5 screw into the handle to smooth out the treads**. Try not to overtighten the printed screws because they will definitely break.

Happy pranking... I mean printing! ;)

This remix is based on



Remix of: Carrot Gravity Toy Knife Generation 2 (No screws or glue needed)

by Gophergames

Model files



Individual parts - STL

5 files



blade.stl

☐ Okay, I's not a blade...



handle_inner.stl

☐ Use supports as shown!



handle_outer.stl



blade_screws.stl



handle_screws.stl



circle-game-gravity-knife.3mf

☐ Complete project with custome support and different settings for individual models

Print files



circle-game-gravity-knife_04n_02mm_pla_mk4is_2h10m.gcode

PLA 0.40 mm 0.20 mm 2.17 hrs 31 g Prusa MK4

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