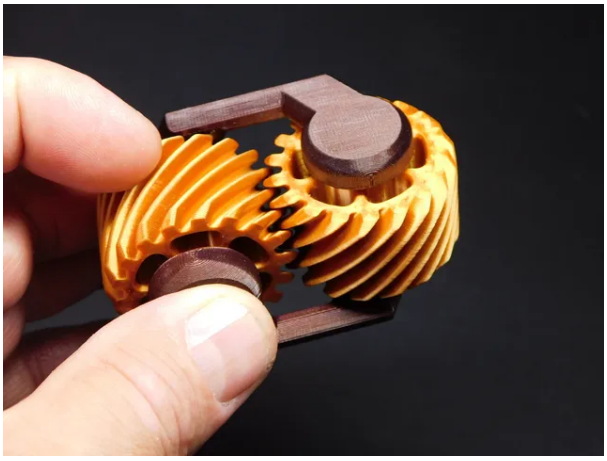


Gear fidget

Thorin Oakenshield

VIEW IN BROWSER

updated 19. 12. 2024 | published 19. 12. 2024

Summary

Helical gear fidget spinner 100%+125%+140% Size

3.96 hrs	2 pcs	0.15 mm 0.20 mm	0.40 mm	PLA	22 g	Prusa MK3/S/S+

Toys & Games > Outdoor Toys

Tags: toy spinner fidget fidgettoy gear fidgetspinner helical spinnertoy gearbox relax

Gear helical fidget modelNew!!!

I also added the size of the model 125%, that's the model I'm holding in my hand, for those with big hands or who want a more detailed model

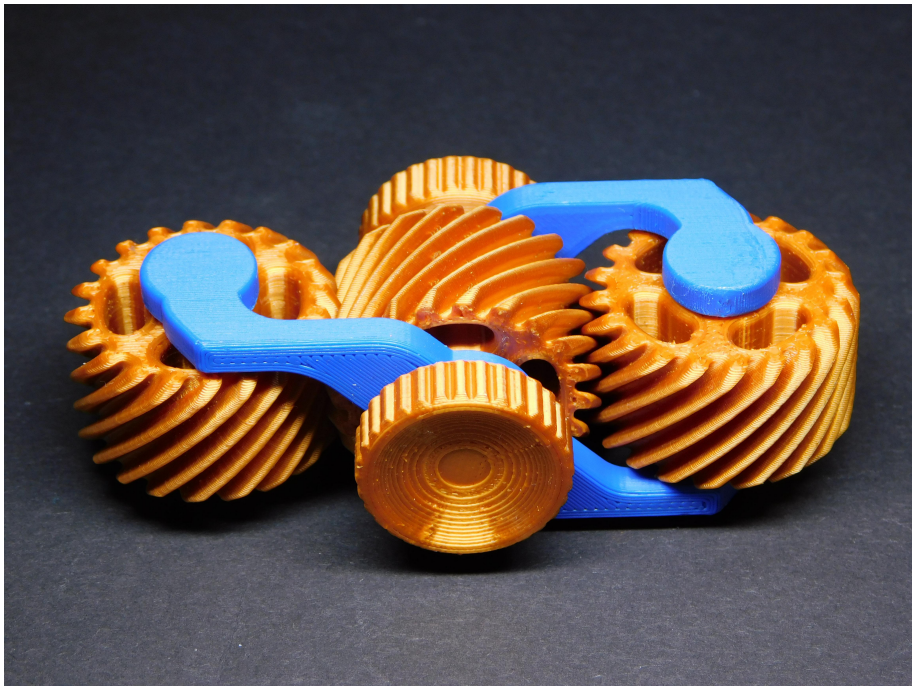
Update!!!

I continue with the experiments and enlarged the model to 140%. It has dimensions of 80x40x40mm and weighs 54g - it is already a

real toy, the wheels turn better thanks to the weight - you will see in the new video.

125% size140% size

Here are similar models of my spinner models to show the differential gears :

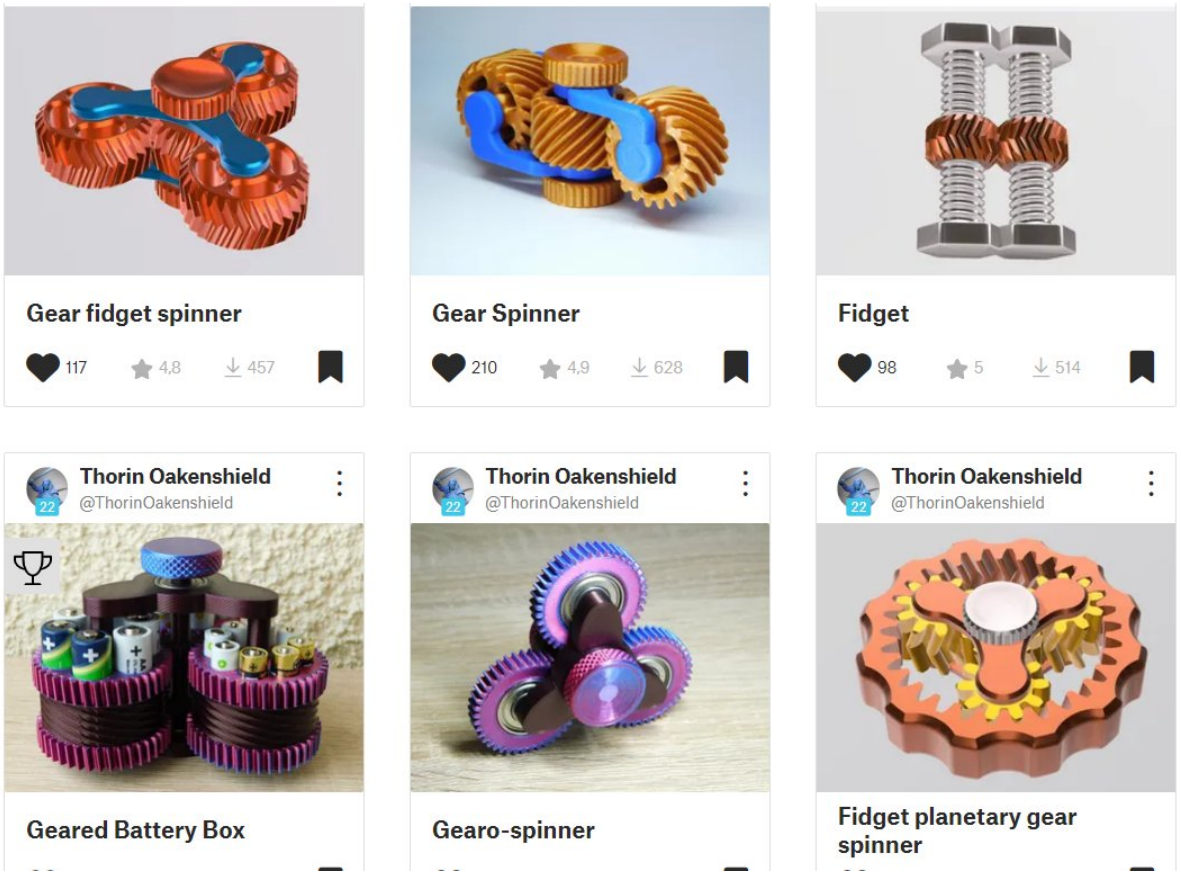


https://www.printables.com/cs/model/345965-gear-spinner

And a new triple gear spinner model :

https://www.printables.com/cs/model/558900-gear-spinnerA few more tips for the successful running of figdet:Smooth the axles where the seam of the perimeters is, as well as the holes in the wheels - with a drill, and clean the spaces between the teeth with a metal brush. After a few turns, the wheels should run smoothly

Other similar gear spinners can be found in my spinner collection:



https://www.printables.com/cs/@ThorinOakenshield/collections/388544?o=rating

This remix is based on

Gear Spinner

by Thorin Oakenshield

Model files

frame-100-2x.stl

gear-100-2x.stl

frame-125-size-2x.stl

gear-125-size-2x.stl

frame-140-size-2x.stl

gear-140-size-2x.stl

Print files

cage_04n_015mm_pla_mk3s_1h21m.gcode

PLA 0.40 mm 0.15 mm 1.30 hrs 8 g Prusa MK3/S/S+

2x-gear-18-teeth-1_04n_02mm_pla_mk3s_2h40m.gcode

PLA 0.40 mm 0.20 mm 2.66 hrs 14 g Prusa MK3/S/S+

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