



Fidget Clicking Wheel 2.0



BaGooN

[VIEW IN BROWSER](#)

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Summary

This fidget toy that can be rotated with one hand unconsciously.



1.24 hrs



2 pcs



0.15 mm



0.40 mm



PET



8 g



Prusa
MK3/S/S+

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Tags: [fidget](#) [fidgettoy](#)

This toy is designed you get a click feeling sensation when you rotate the wheel. Slim body for cool appearance and good click feel!

What is Fidget toy?: A fidget toy is typically a small object used for pleasant but purposeless activity with the hands.

Customizable click feeling and case design you can choose from:

- Two types of springs - Hard or Normal
- Three types of gear wheels - 40T, 28T or 20T (20T has half the click interval of 40T)
- Two types of case design - A or B
- My recommended choices are normal spring with 40T gear wheel.

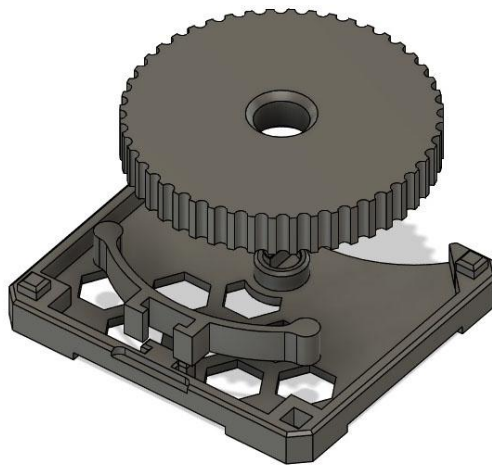
Print Settings:

- Material: PLA, PETG
- Layer height: 0.15 - 0.20mm (For your information, I tested it at 0.30mm and it was quite tight due to the tolerance.)
- Supports: no
- Perimeters: 2

Assembly:

Before assembling, fit each wheel into its respective casing and ensure smooth rotation. If the rotation feels stiff, use a file to trim it as necessary.

Finally, set the spring and make sure the wheel is engaged, then attach the opposite side of the case.

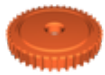


My Other Fidget Toys:

<https://www.printables.com/@BaGooN/collections/1156349>



Model files



wheel_40t.stl



wheel_28t.stl



wheel_20t.stl

☐ Half click interval of Wheel_T40



spring_normal.stl

☐ Normal click feeling



spring_hard.stl

☐ Hard click feeling



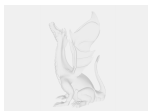
case_a_v5.stl

☐ Case A print 2 parts



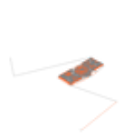
case_b_v5.stl

☐ Case B print 2 parts



fidgetwheel2_v78.step

Print files



case_a_v3_015mm_petg_mk3s_1h14m.gcode

⚙ PET ⚙ 0.40 mm ≡ 0.15 mm ⌚ 1.24 hrs ⚖ 8 g 🖨 Prusa MK3/S/S+

📄 Wheel 40T with normal spring



case_b_v4_015mm_petg_mk3s_1h11m.gcode

⚙ PET ⚙ 0.40 mm ≡ 0.15 mm ⌚ 1.19 hrs ⚖ 9 g 🖨 Prusa MK3/S/S+

📄 Wheel 40T with normal spring

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