



Hexa (6) Bearing Fidget Spinner



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Summary

This was created by one of my 7th grade students as part of a Genius Hour project. It's a large spinner with 6 bearings

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Tags: [toy](#) [spinner](#) [fidget](#) [bearing](#)

This was created by one of my 7th grade students as part of a Genius Hour project. It's a large spinner with 6 outside bearings and one inside bearing. We used Bones Redz for the center bearing and inexpensive bearings for the outside.

Print Settings

Printer Brand:

Printrbot

Printer:

[Play](#)

Rafts:

No

Supports:

No

Resolution:

0.2

Infill:

75%

Notes:

The pegs are from another design, there are many spinner peg designs on Thingiverse, customize this spinner with your choice!

Post-Printing

Use a vice to insert bearings into the holes on the spinner. Add finger pads (not included in this design) if desired!

How I Designed This

My Advanced STEM classroom works on Genius Hour projects every Friday. During this time, students are encouraged to explore an aspect of engineering that is interesting to them. One of my students wanted to design fidget spinners that were different than the common tri-spinner design. This is the result of the project

Category: Mechanical Toys

Model files

hexspinner.stl

[Find source .stl files on Thingiverse.com](#)

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