



Decoder Ring

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Summary

Check out the latest version at the links below... This design has been broken into 2 separate things. DecoderToken -...

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

Tags: [decoder](#) [decrypt](#) [encrypt](#) [secret](#)

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This design has been broken into 2 separate things.

DecoderToken - <https://www.thingiverse.com/thing:5261467>

DecoderRing - <https://www.thingiverse.com/thing:5261464>

There are 2 versions of this decoder.

The hollow version is designed to be worn (by small fingers) while the solid version is more sturdy and designed as a pocket token.

There are 2 Alphabet Rings one is printed in Alphabetical Order and the other is mixed up randomly.

Print Settings

Printer Brand:

Creality

Printer:

Ender 3 Pro

Rafts:

No

Supports:

No

Resolution:

.12

Infill:

15

Filament: Hatchbox PLA Grey

Notes:

Model = Ender 3 V2

Post-Printing =====

Print 4 matching parts (Hollow or Solid).

Stack the rings.

Screw the Nut and Bolt together to sandwich the rings together.

Note: The hollow rings have a wider hole to allow for the hollow nut/bolt to fit. The solid rings will not work with the hollow nut and bolt.

How I Designed This

Designed in Fusion 360 using a sheet metal component to wrap the alphabet around the outer edge of the rings.

Category: Puzzles

Model files



decoderring_holloworderedalphabet.stl



decoderring_hollowmixedalphabet.stl



decoderring_hollownut.stl



decoderring_solidorderedalphabet.stl



decoderring_solidbolt.stl



decoderring_solidnut.stl



decoderring_solidmixedalphabet.stl



decoderring_hollowbolt.stl

[Find source .stl files on Thingiverse.com](https://www.thingiverse.com)

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