



NFC Tag Keychains



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Summary

NFC Tag keychains collection for 25mm NFC stickers and pvc cards with screw-in compartment.

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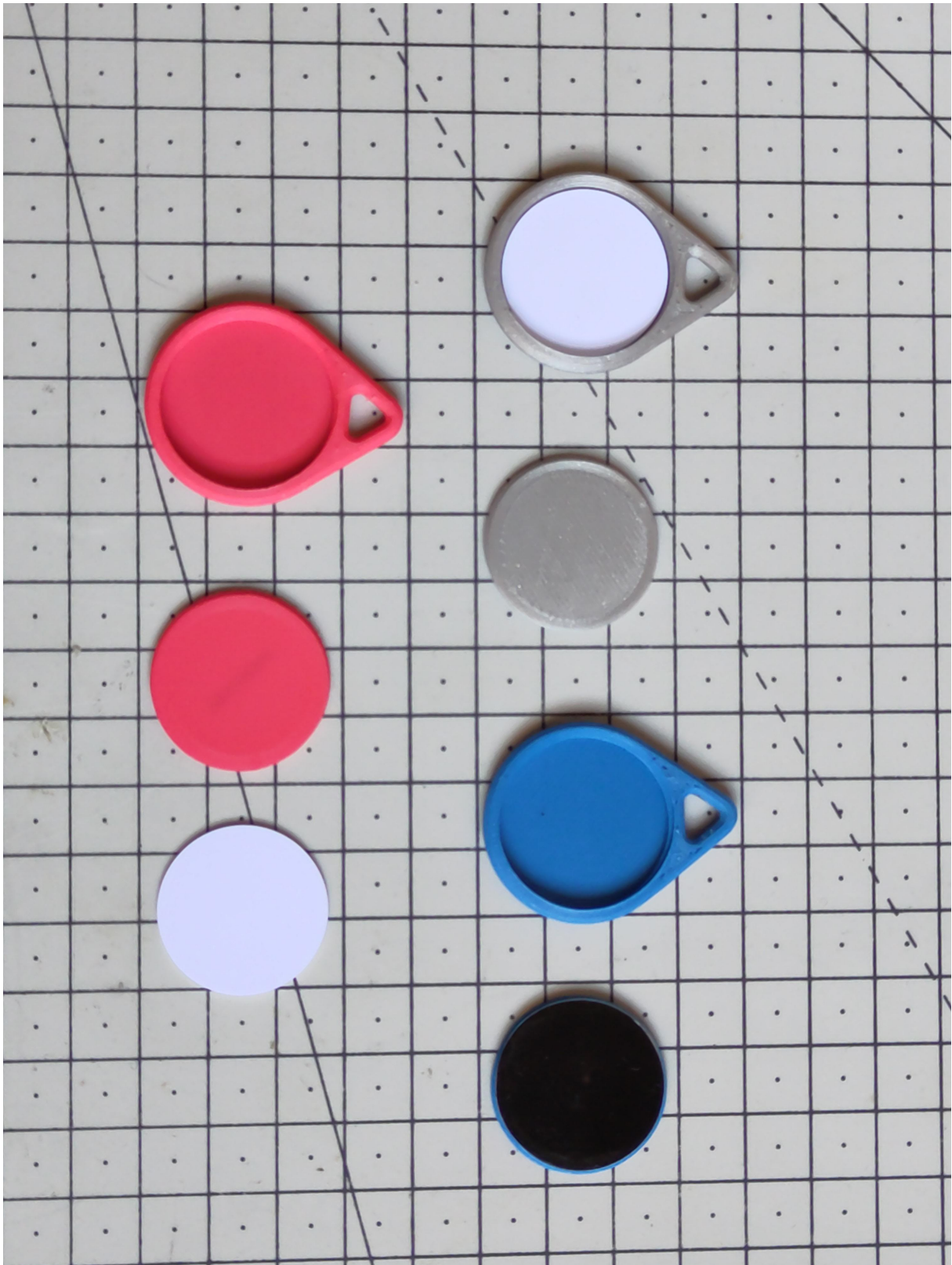
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Collection of NFC Tag Keychains available in 3 shapes:

- nfc-tag-teardrop: a 38 × 30 mm teardrop tag
- nfc-tag-rectangle: a 36 × 30 mm rectangle tag
- nfc-tag-square: a 32.4 × 32.4 mm square tag

Each tag has a threaded slot in the back made to accommodate both an NFC tag as well as the nfc-tag-screw model which can be screwed in or out using a coin (less than 2 mm wide). The pocket left once closed is 0.6 mm high allowing you to use either a **25 mm NFC sticker** or a **25mm NFC PVC card**.

Assembly



To build a complete tag you will need to print one of the body model (either teardrop, rectangle or square) as well as a screw model. Once you

have them both and depending on if you are using a 25 mm PVC card or a sticker you should either:

- Put your PVC card into the recess and screw in the back part using a coin
- Stick your tickers either in the recess on the body or to the screw before closing it

Printing

Depending on the tolerance of your printer **you might need to adjust the scale of the screw** (nfc-tag-screw.stl) to 99 or 98% if the fit is too tight. Other any of the model should be printed using the following recommended settings.

- **Layer Height:** 0.1mm (up to 0.2mm though screw tolerance might be worse)
- **Infill:** 100%
- **Raft / Supports / Brim:** no
- **Seam position:** Aligned (recommended)

Model files

 **Preview** 1 file

 **nfc-tags-preview.3mf**
☐ 3MF preview file

 **STL** 4 files

 **nfc-tag-teardrop.stl**
☐ NFC Tag Body: Teardrop (38 × 30 mm)



nfc-tag-rectangle.stl

☐ NFC Tag Body: Rectangle (36 × 30 mm)



nfc-tag-square.stl

☐ NFC Tag Body: Square (32.4 × 32.4 mm)



nfc-tag-screw.stl

☐ NFC Tag Screw (1 required per tag)



Fusion 360

1 file



nfc-tags.f3z

☐ Fusion 360 source files

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