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Gadgets

Pen Holder

A 3D Printed LEGO Technic Compatible Pen Holder. This is used in the Bit Board Rover Kit.

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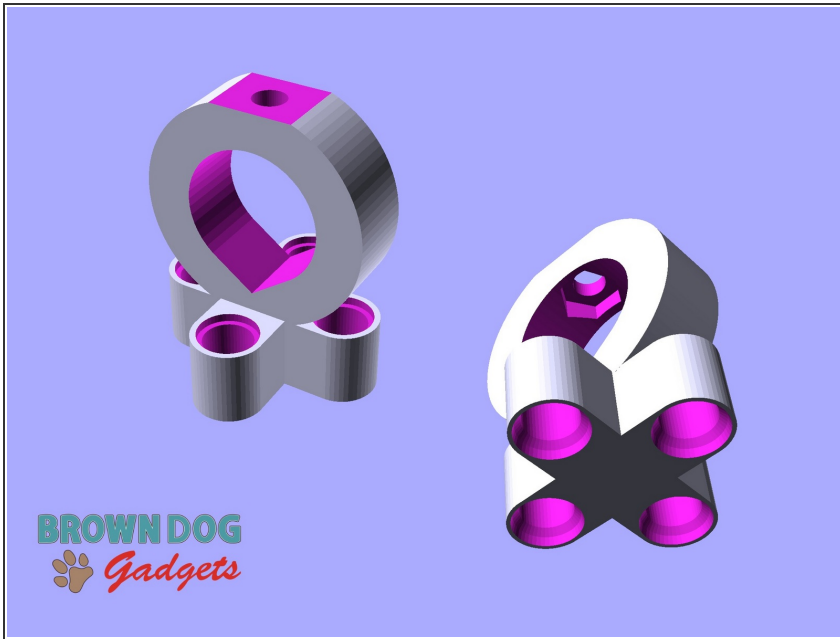**This document was generated on 2023-04-21 08:27:05 PM (MST).**

INTRODUCTION

A 3D Printed LEGO Technic Compatible Pen Holder. This is used in the **Bit Board Rover Kit**. We are sharing the file in case you want to print your own.

⚙ TOOLS:

- 3D Printer (1)

Step 1 — Download and Print

- You can download the files and print it on your own 3D Printer.

- Find it in our GitHub repository: https://github.com/BrownDogGadgets/3D-Pr...

- This file works well with a **Fine Point Sharpie Marker** (or any other pen/marker that is *less than 13mm in diameter*) but other versions suitable for larger markers will be added soon.

- ⓘ The Pen Holder requires a 3mm hex nut to be inserted into the cavity on the inside of the circular part. A 3mm bolt (at least 10mm long) then threads through the nut and can be tightened against the pen to hold it in place.

Step 2 — Tips & Tricks

⚠️ Every 3D printer is a little different! If your part doesn't fit properly here are a few things to try.

- Part too tight? Try sanding it or cutting away some material with a knife.

- Part too loose? Add some tape to act as a shim.

- You can also try printing it at slightly more or less than 100% scale.

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