

APEROLiker HUGOliker

MAGNET FOOT OPTION

Version 11.02.2024

INTRODUCTION:

To prevent the plug-in extension feet from falling off when the APEROLiker is lifted, magnets can be inserted into the foot sections. These hold the plug-in connection securely and firmly in place.

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INTRODUCTION

PART PRINTING GUIDELINES

We recommend you follow these Guidelines.

3D PRINTING PROCESS:

Fused Deposition Modeling (FDM)

MATERIAL:

PLA / ABS

LAYER HEIGHT:

Recommended: 0.2mm

EXTRUSION WIDTH:

Recommended: Forced 0.4mm

INFILL TYPE:

Gyroid

INFILL PERCENTAGE:

Recommended: 40%

WALL COUNT:

Recommended: 4

SOLID TOP/BOTTOM LAYERS:

Recommended: 5

FILE NAMING

By this time you should have already downloaded our STL/3MF files. You might have noticed that we have used a unique naming convention for the files. This is how to use them.

PRIMARY COLOR:

Example: ControlPanelRing.3mf

These files will have nothing at the start of the filename.

ACCENT COLOR:

Example: [a]_Controlpanel_Aperoliker.3mf

We have added "[a]" to the front of any STL file that is intended to be printed with accent color.

QUANTITY REQUIRED:

Example: [a]_Foot_x4.3mf

If any file ends with "_x#", that is telling you the quantity of that part required to build the machine.

SUPPORT AND MULTIMATERIAL:

Example: [MM]_HousingAperoliker.3mf

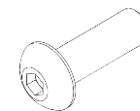
All files will print **without support**, if your 3D printer is well calibrated!

Except for the file of the housing. The "support structure above print bed" must be activated there!

In addition, you will notice the [MM]. The housing can be printed as a multi-material. No colour changer is necessary for this. See the chapter "Print housing multimaterial" for more information.

PARTS LIST

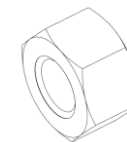
You can source your parts from amazon, aliexpress, ebay or from your local parts store.



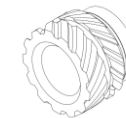
BHCS



FHCS



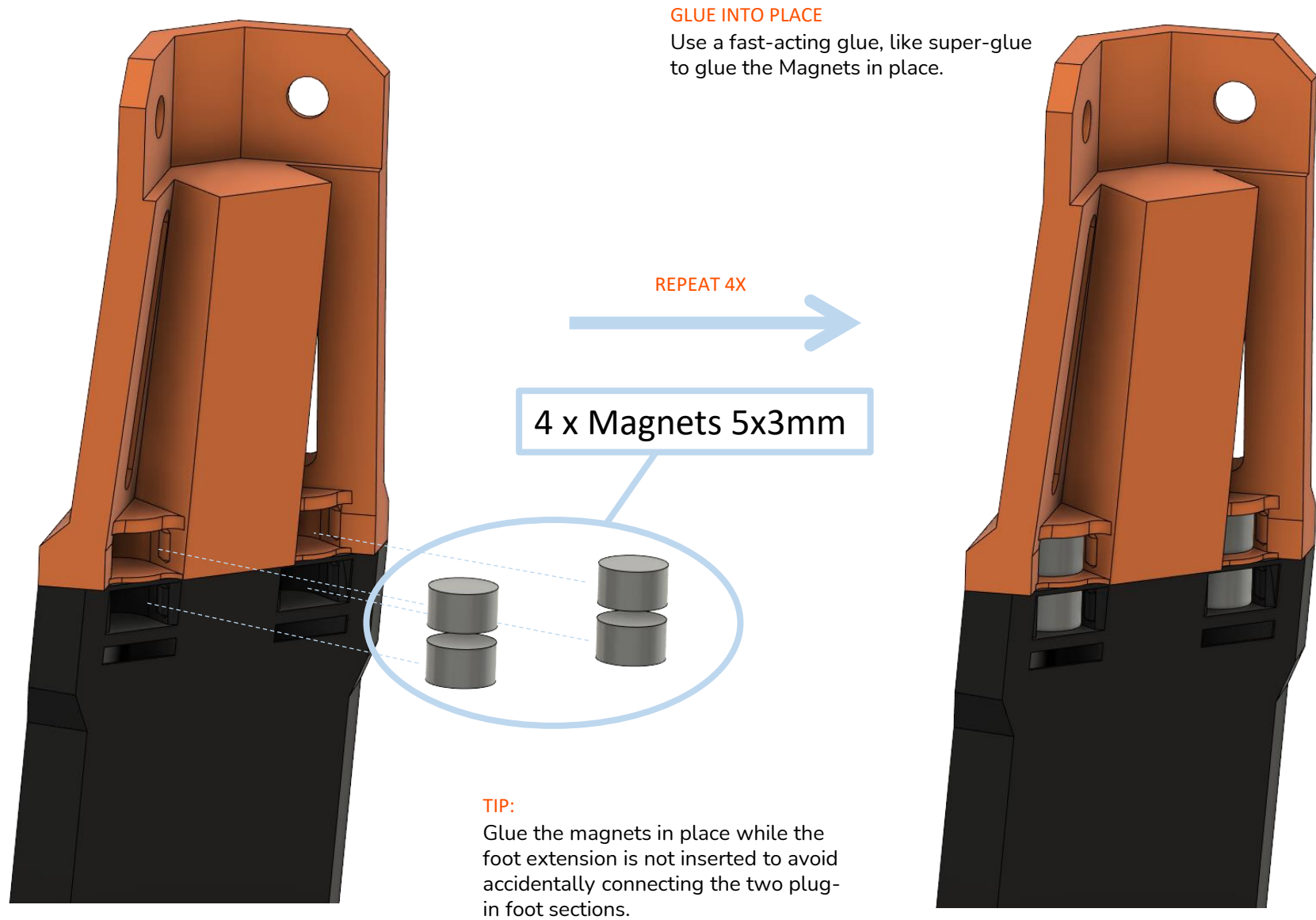
Hex nut



Heat set insert

[illegible]

MAGNETIC FOOT ASSEMBLY



APEROLiker HUGOliker

Enjoy your APEROLiker / HUGOliker.

And please send the pictures of your build to: aperoliker.hugoliker@gmail.com 😊

