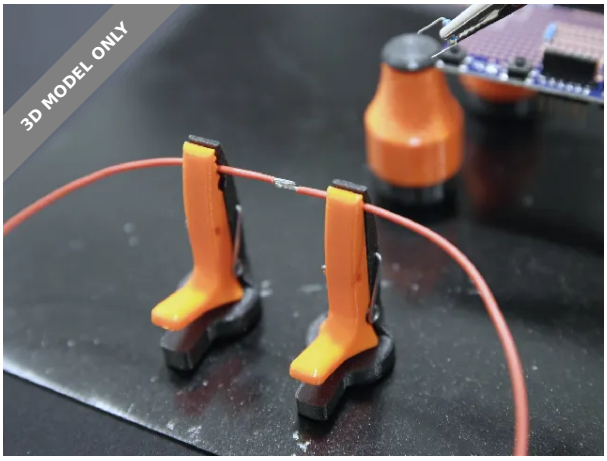


Soldering aid - clamp with magnetic base

MW

VIEW IN BROWSER

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Summary

This soldering aid serves as a clamp for cables and electronic components.

Hobby & Makers > Electronics

Tags: magnet soldering magnetic clamp thirdhand

This clamp makes it easier to solder cables and other electronic components. It is the perfect addition to the soldering station and the articulated arm.



The base plate of the soldering station is a 1.5 mm thick sheet steel.
Therefore, all soldering aids have a magnetic base.
There are spaces for cables and LEDs in the clamping area.

Print Settings and Assembly:

Parts:



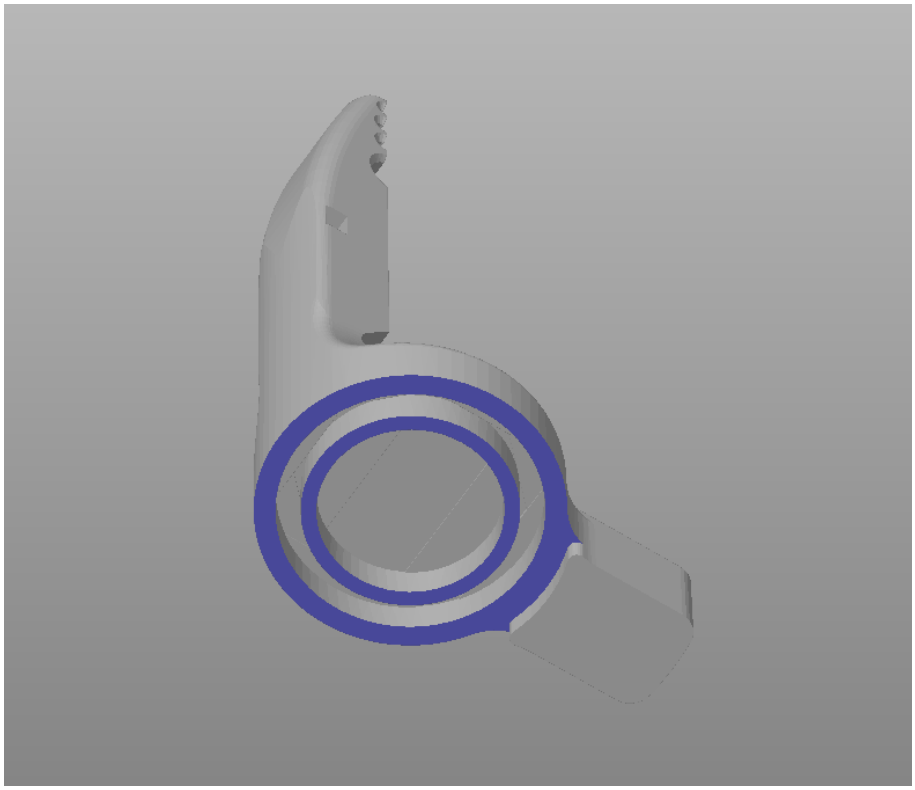
The disc magnet is a neodymium magnet Ø 8.0 x 3.0 mm.
The spring is a clothespin spring.

Here you can find the TPU_Base_Plate.

Print Settings:

Material: PETG and Ninjaflex TPU
The TPU_Base_Plate should be printed from TPU, for the other two parts i used PETG.

Support: Yes on the Base Clamp, but you should use the paint-on function.



Assembly:

The spring should first be inserted into the movable part, then it can be easily put into the other part.

Model files



movable-part.stl



base-clamp.stl



fusion-file.f3d

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