

Soldering aid - clamp with magnetic base



MW

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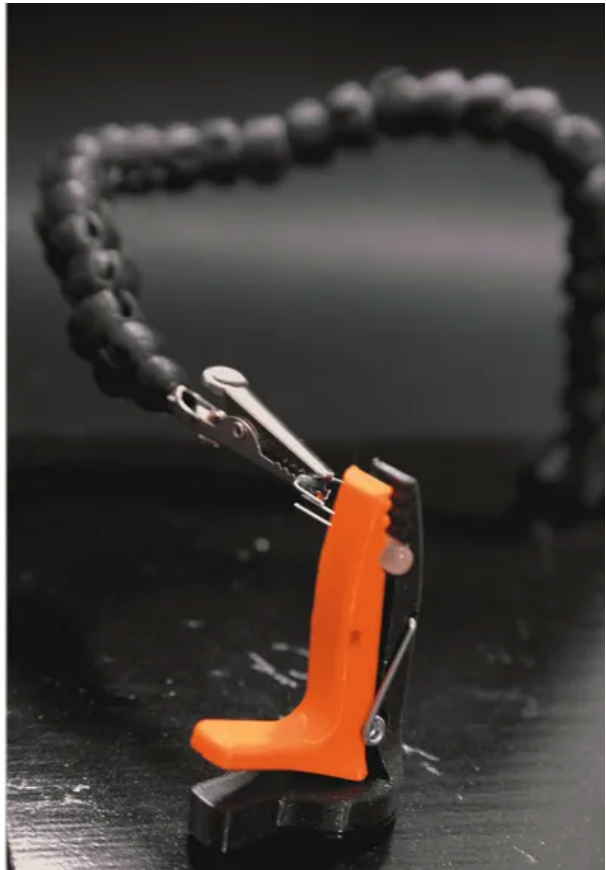
Summary

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

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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 \varnothing 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 Ninjabflex 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

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