

Soldering Wire Vise – Adjustable Wire Holder

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VIEW IN BROWSER

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Summary

A clever 5-part wire vise for soldering. Adjustable grip, tool-free assembly, no screws or glue!

Hobby & Makers > Tools

Tags: tool holder soldering electronics workshop clamp printable aid vise wire

Soldering Wire Vise – Adjustable Wire HolderShort description

A clever 3D-printable vise for securely holding wires in place while soldering. Fully adjustable, tool-free assembly, and only four printed parts!

Description

Make soldering easier with this compact and cleverly designed wire vise!

Designed specifically for electronics work, this vise securely holds wires in position, leaving your hands free to solder. Its adjustable gripping mechanism accommodates wires of different thicknesses, while the distance between the two gripping points can also be adjusted to suit your needs.

Key Features

- **Clever mechanical design** – an integrated gripping mechanism with a toothed adjustment system.
- **Only 5 printed parts** – a compact design with very few components.
- **No glue or screws** – the entire assembly is completely tool-free.
- **Adjustable wire thickness** – holds wires of different diameters.
- **Adjustable gripping distance** – change the spacing between the two gripping points.
- **Secure grip** – keeps wires firmly in position during soldering.
- **Easy to assemble** – no additional hardware required.

Print Settings

- Recommended layer height: 0.2 mm
- Material: Any common 3D-printing filament
- Number of printed parts: 5

Assembly

All four components are designed to fit together without glue, screws, or additional hardware.

Simply print the parts and assemble them!

Applications

Perfect for:

- Electronics prototyping
- PCB soldering
- Wire-to-wire soldering
- Cable repair
- Small electronics projects

Model files



lower_left.stl



upper_left.stl



upper_right.stl



lower_right.stl



axis.stl

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