Printables by JOSEF PRUSA



Tiny Vise Clamp

VC Design

VIEW IN BROWSER

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Summary

The Tiny Vise Clamp is a compact, scalable and portable vise designed for securely holding small parts :)

Hobby & Makers > Tools

Tags: table tool workshop clamp vice tools vise workbench clamping vcdesign

Tiny Vise Clamp – Portable & Scalable Mini Vise

The **Tiny Vise Clamp** is a compact, portable vise designed for securely holding small parts during soldering, assembly, sanding, or other precision tasks. Thanks to its **fully scalable design**, you can easily resize it in your slicer to create larger or smaller versions depending on your needs.

The vise uses a simple and robust screw mechanism and is optimized for **support-free printing**, except for the clamp part.

Parts included

- **BASE (Body)** – Main structure of the vise
- **CLAMP** – Sliding jaw that moves along the base (requires supports)

- **CLAMP INSERT** – Contact surface for the workpiece (can be printed in TPU for extra grip)
- **SCREW** – Moves the clamp forward and backward
- **CIRCLIPS** – Locks the clamp and screw together

A dedicated **slot on the underside of the base** allows the circlips to be installed, securing the screw and clamp as one assembly.

Printing notes

- Supports required **only for the CLAMP**
- All other parts print support-free
- Recommended to print the clamp insert in TPU (optional)

Perfect for makers who need a small, reliable vise that adapts to their workflow.

Model files



tiny_vise_clamp_body.stl



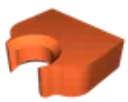
tiny_vise_clamp_clamp.stl



tiny_vise_clamp_clamp_insert-2x.stl



tiny_vise_clamp_screw.stl



tiny_vise_clamp_circlips.stl

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