



## Versatile PCB Clamp and Holder



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### Summary

This PCB holder that will assist your soldering work in many ways.

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Tags: [soldering](#) [pcb](#) [pcbholder](#) [pcbclamp](#)

When soldering printed circuit boards (PCBs) it is necessary to clamp the PCB. This is a simple holder that lets you clamp the PCB (or wire) that needs to be soldered. The different sides of the clamps offer different clamping possibilities. So you can work on wires, large PCBs, small PCBs and funny shaped PCBs with just one versatile PCB holder.

The threaded parts are designed to be printed with a layer height of 0.16mm or smaller. A larger layer height can lead to seizing threads. I recommend to use at least 4 walls and 10% gyroid infill to make the thread extra robust.

All other parts can be printed with a layer height of 0.2mm, 4 walls and 8% gyroid infill.

Support is not necessary.

If you want, you can take a look at the 3mf file for more setting details (Bambu Studio or Orca Slicer).

Assembly is self-explaning. The clamps have a built-in spacer of 0.4mm on each clamp. This is perfect for PCBs with a thickness of 1.0mm or larger. If

you work on PCB foils or PCBs under 1.0mm thickness, turn the clamps around and use the flat side without the spacer.  
Use some candle wax on the thread to make it run smoother.

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## Model files



**pcb-clamp-bottom.stl**



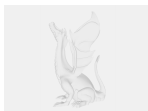
**pcb-clamp-top.stl**



**pcb-clamp-bolt.stl**



**pcb-clamp-stand.stl**



**pcb-clamp.3mf**

☐ for Bambu Studio or Orca Slicer

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