

Customizable Soldering Kit Helper Hands



ismattis

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Summary

A selection of soldering platforms, with 2 or 4 helping hands built in - customizable lengths!

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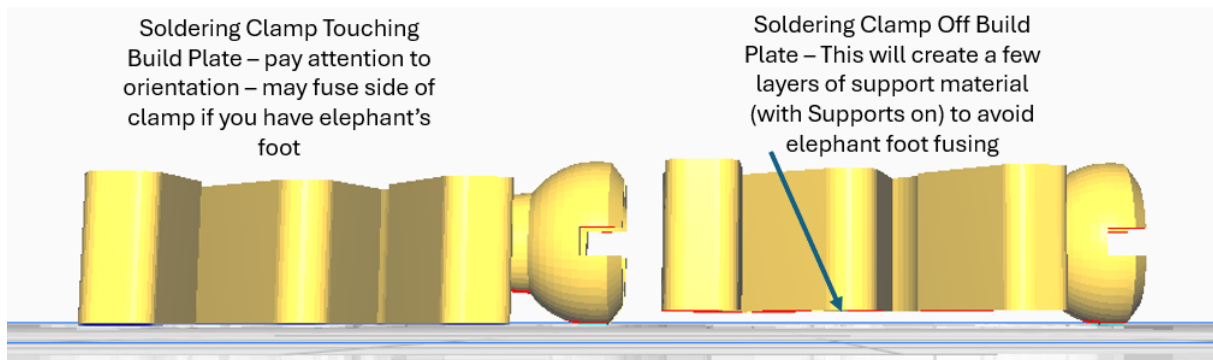
Tags: [customizable](#) [soldering](#) [adjustable](#) [clamp](#)
[solderingstation](#) [adjustablestand](#) [clampingtools](#)
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1. Pick your platform (small, wide, 2 arm, or 4 arm)
2. Pick your clamp (see notes below)
3. Pick your arm length (recommend 8-10 pieces per arm)
4. Print
5. Enjoy!

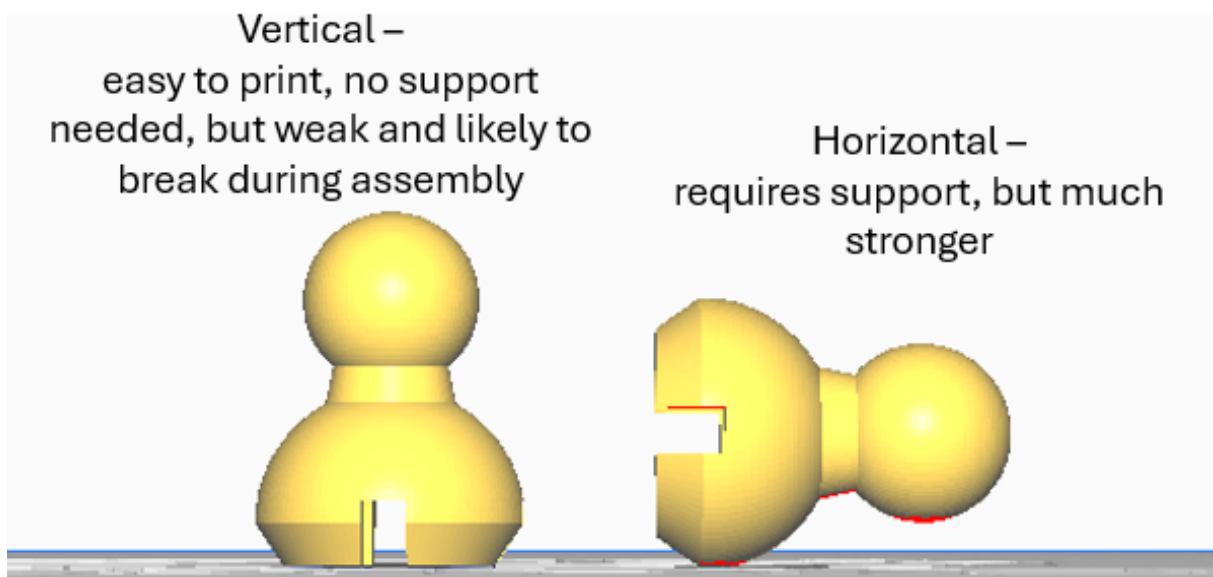
Notes:

Soldering Clamp - Off Buildplate - This Clamp, if laid parallel to the buildplate will print with 1-2 layers of support needed. This helps reduce risk of elephants foot fusing the clamp together, but makes one side unsightly and require cleanup.

Soldering Clamp - Touching Buildplate - This Clamp is slightly thicker and may need an exacto-knife to release any fusing that occurs on the build plate side.



See the additional notes on the Arm pieces - whichever you choose, while the vertical orientation doesn't require supports, the clipping mechanisms I found snap off too easily. I printed many of mine in a horizontal orientation which provided much better strength.



Model files



base-soldering-platform-x2-v1.stl



base-soldering-platform-x4-v1.stl



base-soldering-platform-x2-wide-v1.stl



base-soldering-platform-x4-wide-v1.stl



soldering-arm-piece-v1.stl

☐ Thinner walls, easier to assemble, but more brittle



soldering-arm-piece-thicker-v2.stl

☐ Stronger clipping part, but may be harder to assemble



soldering-clamp-touching-buildplate-v3.stl

☐ Pay attention to orientation when laying horizontal



soldering-clamp-off-buildplate-v2.stl

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