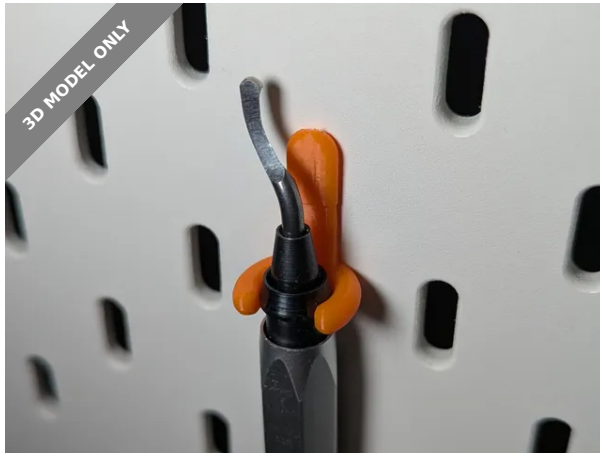




Ikea Skadis Deburring Tool holder



W3asel

VIEW IN BROWSER

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Summary

Minimalist deburring tool holder for IKEA Skadis pegboard.

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I wanted a simple hook to hang my deburring tool on, but my pegboard is <https://www.printables.com/model/1105132-prusa-core-one-skadis-mod> so I needed it to be able to tilt a bit without dropping the tool. I didn't find a simple model that looked like it had good retention, so I designed my own.

I have an AFA Tooling deburring tool, which has a collar on the top that measures 9.25 mm diameter, 5 mm tall, with a lip that sticks out to 11 mm diameter above it.

To insert the tool into the holder press it into the slot, then let the lip sink down into the hole designed to hold it. To remove it lift it up and pull it out.

To keep the entire holder from coming off the pegboard if you lift the tool too far I also designed a clip that snaps into the pegboard hole after the holder is slotted in, keeping it securely mounted with minimal footprint. I've included clips that follow the fillet edges of my white IKEA Skadis pegboard for a snug fit as well as clips that snap to un-rounded back edges, such as for a laser cut board.

The slim version should hold a tool with up to a 13 mm diameter handle, while the longer mount can hold up to a 29 mm diameter handle. If you like my design but need a different size let me know and I can tweak the dimensions.

Printing Instructions/Tips:

I've had good results with this printed in PLA, no supports needed. You do need good bed adhesion for the back of the hook to print as it's got a small footprint and doesn't join to the rest of the print for most of it's height.

Model files



hook_slim.stl

☐ ≤ 11mm diameter handle



plug_ikea.stl

☐ matches hook_slim



plug_unrounded.stl

☐ matches hook_slim



hook_long.stl

☐ ≤ 29mm diameter handle



plug_unrounded_thick.stl

☐ matches hook_long



plug_ikea_thick.stl

☐ matches hook_long

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