

3D MODEL ONLY

# Pegboard Hooks for Magnetic Pickup Tool (Inch and Metric)



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## Summary

Hang your magnetic pickup tool on your pegboard.

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I have several magnetic pickup tools that I like to keep handy by hanging them on the pegboard over my workbench. Until now, I hung them from a metal plate which was hanging on metal pegboard hooks, but this does not work very well as the attachment angle is not optimal.

So I designed these two 3D printed pegboard hooks to hold a short length of metal rod. The magnetic tool attaches to the rod and swings into place, staying well attached. I used bolts cut to length for the rod, since these are readily available items.

In addition to the printed hook pieces, this also requires either a 1/4" or 6mm bolt cut to appropriate length (I used a bolt or machine screw for this part so that it would be a readily available part). An appropriate length of threaded rod would also work (or even un-threaded rod of approximately 6mm diameter).

## Assembly

Print the Left and Right hook pieces (actually two Right hand or two Left hand pieces will work equally well, but I like symmetry). Cut a length of rod to a length of approximately 25mm (1 inch), and fit either end into the hole in each hook piece. Hang the assembly on your pegboard.

Note : It is not actually necessary to cut the bolt to length - this is mostly to make it look a little neater. You can also use an extras long rod (see photos) to hold more magnetic tools on either side.

## Print Instructions

Print in PLA using the 3mf file provided; otherwise :

- brim NOT required, but make sure your first layer contact is well tuned; a bit of glue is also helpful.
- perimeters = 5
- 0% infill

For a maximum strength solid hook, increase perimeters to 8. Be sure to print the hooks laying flat on their sides.

## CAD

The OnShape 3D CAD files for this are here :

<https://cad.onshape.com/documents/9a9ba75e8262e4707ebf845c/w/2a700de391aa69a4b0e5fec5/e/bcd95b546da7ae59bc143874?renderMode=0&uiState=6570df5b45226056d6feafd3>

## This remix is based on



**Universal Pegboard Hook - US and Metric**

by kaje

# Model files



hookmagnetic-hook.3mf



hookmagnetic-hookright.stl



hookmagnetic-hookleft.stl

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