Expansion Anchor

for Amazon pegboard

Version 1.0

Project Goals

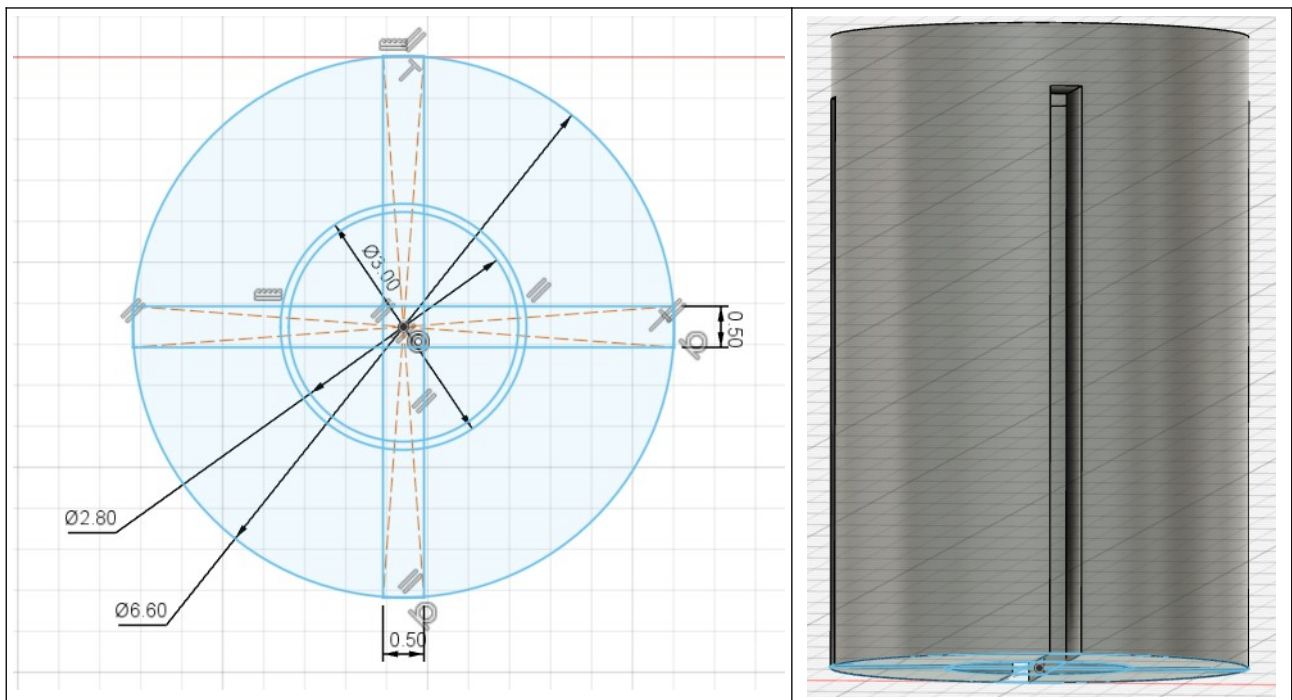I need a way to fix objects on a pegboard.

I try to use Fischer expansion anchors but they are not good, so I decided to design one by myself.

Expansion Anchor Sketch
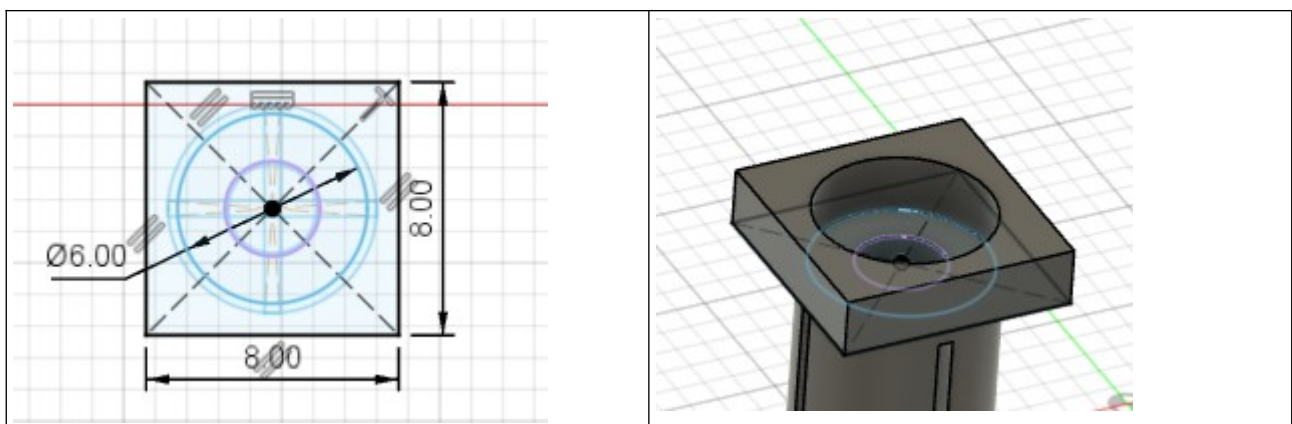
Rod and Tip

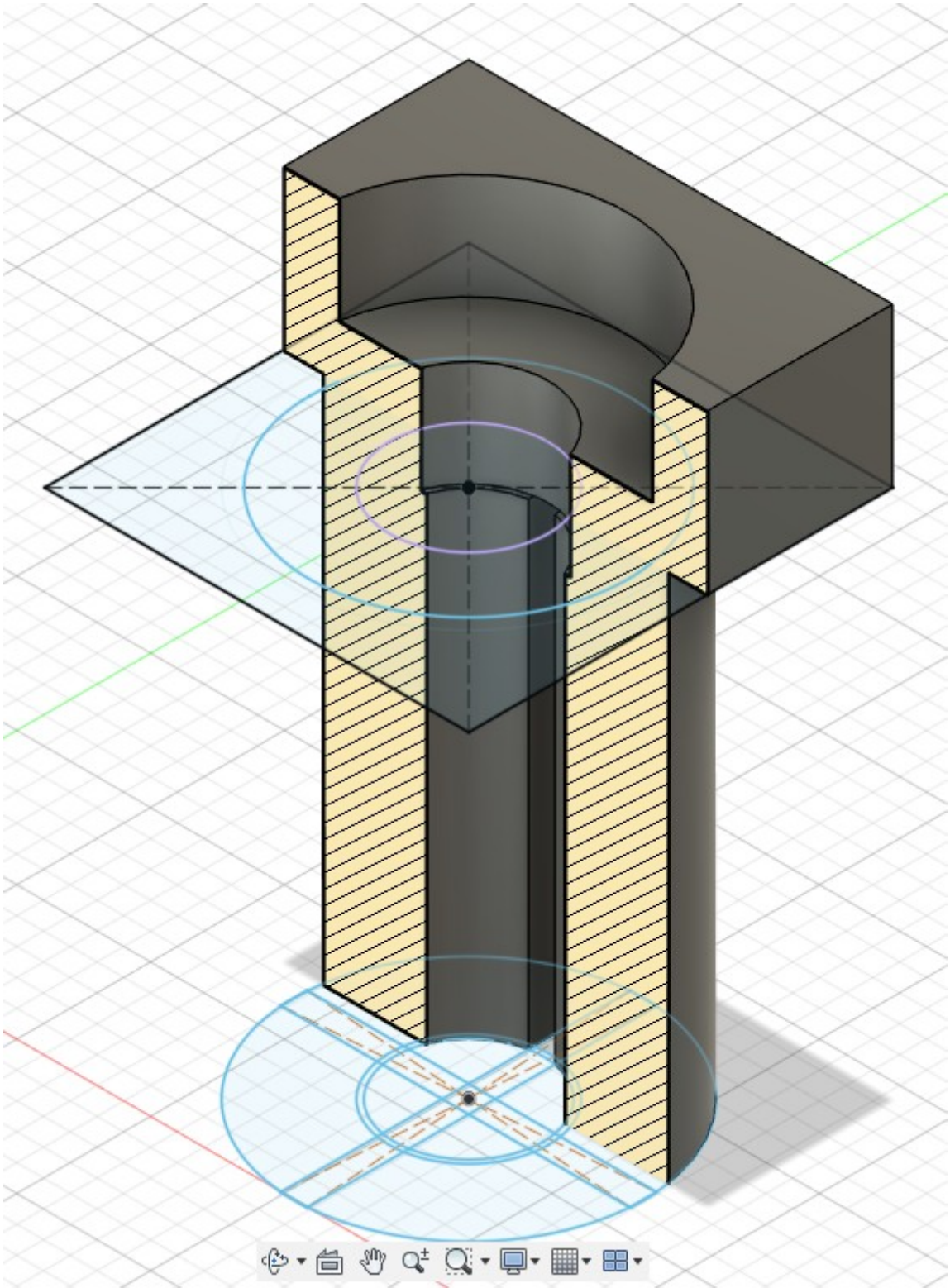The rod is 9 mm height

Then there is a 1 mm ring

Head

Squared so it is easier to insert the screw
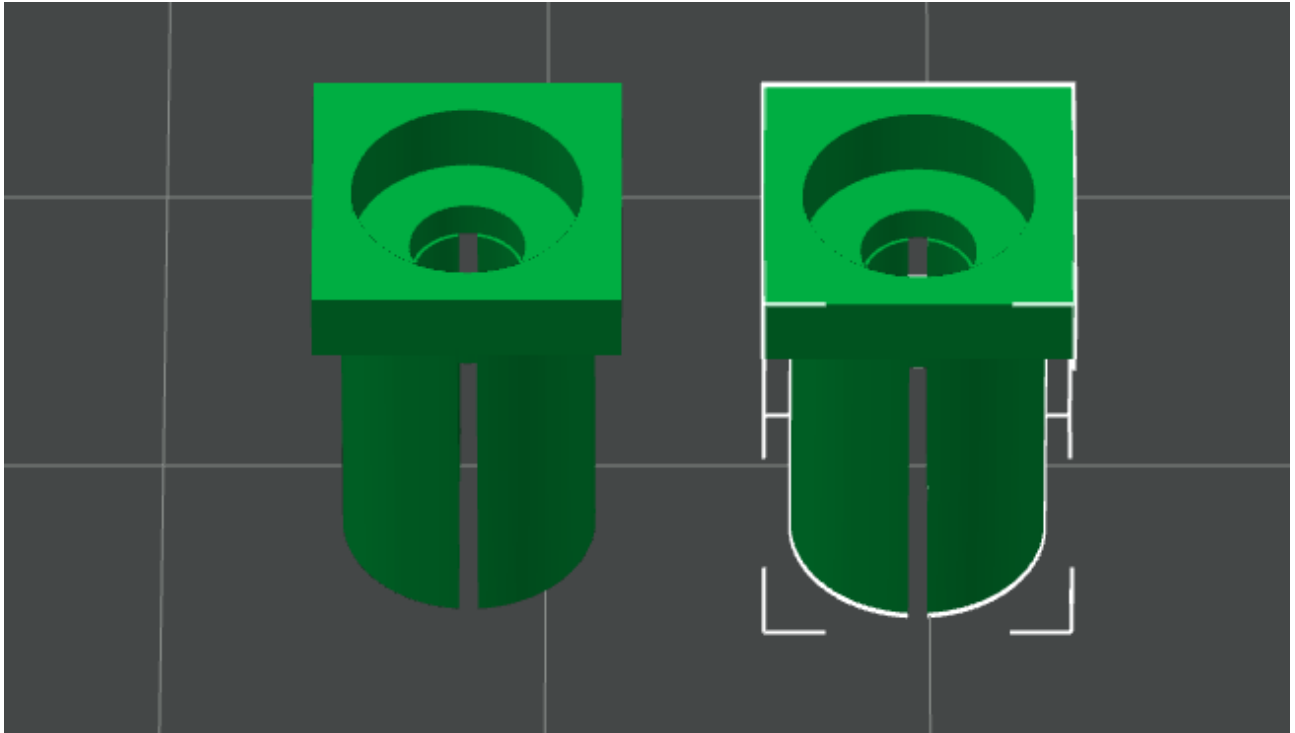
There isn't enough space to hide the screw

Expansion Anchor Sketch 3D Models

3D Printer layout

Need to be printed with head on top because of the slot for the 3 mm screw

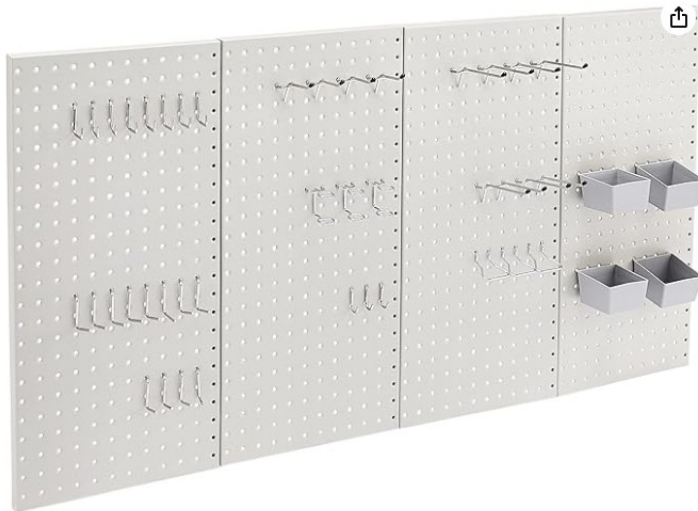# Final result

This is how it looks like normal and expanded.

Not a big change, but it is enough

Reference

Amazon Pegboard

Amazon DE: https://amzn.eu/d/8XqDu2Y

Amazon.it: https://amzn.eu/d/7wQn8La

Holes distance: 25.4 mm
Holes size: 6.6 mm