



## Darning Mushroom v1



Klemmworks

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### Summary

A model to replace the useless darning egg your local fabric and thread store sells you



6.76 hrs



8 pcs



0.15 mm



0.40 mm



PLA



49 g



Prusa  
MK3/S/S+

[Household](#) > [Other House Equipment](#)

Tags: [mushroom](#) [thread](#) [needle](#) [darning](#) [socks](#) [darn](#)

Have you ever had an awesome pair of socks with a hole in them, wanted to fix them, watched multiple videos of how to darn a sock, see in the videos they have a darning mushroom, gone to the store to buy darning supplies to find they only have a darning egg, shrug your shoulders and buy it anyway because you want to get to darning, and come to find that the darning egg is completely useless because it's too small to possible stretch any kind of fabric?

The Darning Mushroom V1 (tDM1) will fix this one very specific problem of yours!

## Features:

- Mushroom shaped!
  - (requested by marketing)
- Two different stalk and cap options!
  - Mix and match to your heart's content (as long as your heart isn't able to count higher than four)
- Storage space for needles and rubber bands!
  - None of this "completely solid" business, multi-use tooling is the best

## Printing:

All models print as-downloaded. Supports are needed for the stalk and advised for the cap.

- Layer Height:  $\leq 0.2\text{mm}$
- Infill:  $\geq 5\%$
- Supports: Yes, Organic, Build Plate Only

Stalks - have ribs on the bottom to allow for printing without supports, but you will need to paint the supports off the interior if downloading the model. It will technically be the top of the model in the slicer, as it prints upside down to avoid unnecessary supports waste. The gcode has this completed already and you can see it in action with the available 3MF file. The external threads will need to be supported no matter what.

Caps - are advised to have supports but if your printer is dialed in you could probably stand to save a little filament, if you want.

Also be sure to check out [the Darning Mushroom v2!](#)

## Model files



### **darning-mushroom-stalk-60mm.stl**

☐ Shorter stalk for itto bitto baby needles



### **darning-mushroom-stalk-80mm.stl**

☐ Taller stalk for longer needles



### darning-mushroom-cap-76mm.stl

☐ Narrower cap for smaller holes, more compact storage



### darning-mushroom-cap-86mm.stl

☐ Wider cap for larger holes, more stretching of the fabric



### darning-mushroom.3mf

☐ Printing project file

## Print files



### Stalks and Caps

4 files



#### darning-mushroom-cap-86mm.gcode

🌀 PLA 📏 0.40 mm 📏 0.15 mm ⌚ 3.66 hrs 📊 28 g 🖨️ Prusa MK3/S/S+



#### darning-mushroom-cap-76mm.gcode

🌀 PLA 📏 0.40 mm 📏 0.15 mm ⌚ 3.34 hrs 📊 24 g 🖨️ Prusa MK3/S/S+



#### darning-mushroom-stalk-80mm.gcode

🌀 PLA 📏 0.40 mm 📏 0.15 mm ⌚ 3.08 hrs 📊 21 g 🖨️ Prusa MK3/S/S+



#### darning-mushroom-stalk-60mm.gcode

🌀 PLA 📏 0.40 mm 📏 0.15 mm ⌚ 2.51 hrs 📊 17 g 🖨️ Prusa MK3/S/S+



## Full 'Shrooms

4 files



### darning-mushroom-large.gcode

PLA 0.40 mm 0.15 mm 6.76 hrs 49 g Prusa MK3/S/S+

Cap 86mm - Stalk 80mm



### darning-mushroom-compact.gcode

PLA 0.40 mm 0.15 mm 5.86 hrs 41 g Prusa MK3/S/S+

Cap 76mm - Stalk 60mm



### darning-mushroom-tallnskinny.gcode

PLA 0.40 mm 0.15 mm 6.44 hrs 45 g Prusa MK3/S/S+

Cap 76mm - Stalk 80mm



### darning-mushroom-shortnwide.gcode

PLA 0.40 mm 0.15 mm 6.19 hrs 46 g Prusa MK3/S/S+

Cap 86mm - Stalk 60mm

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