



Spool Drill Winder

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Summary

Just another filament spool winder you can use with a drill.

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This is a remix of my PrintDry Pro spool adapter (which in turn was a remix of a Thingiverse design by Skrut84: Ender 3 - Filament holder DELUXE).

This winder will fit spools with center holes up to about 80mm diameter. Use with a typical 1/4" hex key bit (use a longer bit if possible as will be more stable). Gluing an old bit into the hex hole will save some time and fix the hex bit in place.

I used PLA but any filament material will work fine. Use the best thread printing settings for your printer.

I used 0.2mm layer height, 4 perimeters (with extra perimeters if needed enabled), and 30% infill...as this seemed to work well on my MK3S for the threads.

Mar 27/22: A user noticed that the internals of the rod was overly complicated (when blending some parts together for the rod design, it included some unnecessary internal threads) causing longer print times

and more filament than required. V2 of the rod fixes this...the outside remains the same.

Oct 6/22: A user mentioned having a longer rod section to allow for double nutting in situations where vibrations may loosen one nut. I have added a rod (Drill Winder Rod V2 Longer) that is about 1" longer and should allow for a second nut if warranted.

July 20/23: Removed some external thread artifacts on the Drill Winder Rod Longer noticed by a user, now V3.

Aug 9/23: Removed minor defect on first layer of the rods noticed by a user. As change was minor, I did not alter the revision of the rods.

This remix is based on



PrintDry PRO Spool Adapter

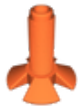
by Merlwynd

Model files

drill-winder-nut.stl



drill-winder-rod-v2.stl



drill-winder-rod-longer-v3.stl



[Find source .stl files on Thingiverse.com](#)

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