



PET Strip Spooler And Spool Holder



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Summary

This is simple spooler for strips from PET bottles. The strips are then recycled to filament.

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Tags: [pet](#) [recycling](#) [petbottle](#)

You can use the PET Strip Spooler to easily store strips from PET bottles in compact form and nicely winded. Up to 7 spools will fit into the spool holder. The strip can be leaded from the holder to the machine for conversion to fillament. The strip unwind freely.

I'm using this spooler for some time and it works very well. You will gain the skill after a few bottles.

Bill of material:

- M3x20 screw with allen hex head

Assembly:

The hex screw is screwed directly to the spooler body.

Here you can see how to use the tool:

Check also my PET strip cutter [here](#).

Update 12.2.2023

- Added separate nut and washer (print the nut with 0.15mm layer height)
- Added washer with space for metal washer (outer diameter 72mm, inner diameter 22mm, height 5.6mm). This washer works like weight and block the PET strip to slip.

Model files



pet_strip_spooler_bottom.stl



pet_strip_spooler_top.stl



pet_strip_spooler_handle.stl



pet_strip_spool_holder_nut.stl



pet_strip_spool_holder.stl

pet_strip_spool_nut_only.stl

pet_strip_spool_washer_only.stl

pet_strip_spool_washer_heavy.stl

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