



## Click-in AutoRewind Spool Holder



Mathieu

[VIEW IN BROWSER](#)

updated 27. 11. 2022 | published 27. 11. 2022

## Summary

Updated Version of the Auto-Rewind Spool Holder from Vincent Groenhuis. Used for my self-design filament dry-container.

[3D Printers](#) > [3D Printers - Upgrades](#)

Tags: [mmu2s](#) [prusai3mk3](#) [autorewind](#) [autorewinder](#)  
[autorewindspoolholder](#)

Updated Version of the Auto-Rewind Spool Holder from Vincent Groenhuis. I've updated the design for more convenience and to be integrated into my self-designed filament dry-box.

Updates are done with the goal to:

- have a click-on system of the spool on the spoolholder. Clamps have been designed to clamp most common spools with different inner diameter and width. This allows for quicker swapping of the spools without the need to unscrew a nut
- have a click-on system of the spoolholder on the spoolholder stand. The spoolholder has been designed to be frontloaded for my filament container (see photo. The filament container will follow)

- Spring has been updated to a single spring design. The length and stiffness are still identical, however the spring is less fragile for fatigue damage. Print in PETG for better lifetime.

Required Vitamins:

- 2x M3x10/12 Torx
- 2x 608 Bearing

Integration is straightforward, but some photo's

Print 'supports' which are part of the STL (for better printing stability) are to be removed with a scalpel . Axle might require some sanding to get a proper fit.

## This remix is based on



### Universal Auto-Rewind Spool Holder (MM)

by Vincent Groenhuis

## Model files



**stand-52.stl**



**stand-42.stl**



**stand-22.stl**

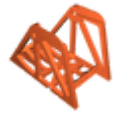


**stand-32.stl**



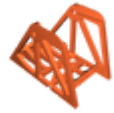
**stand-12.stl**

---



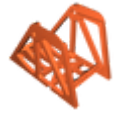
**stand-3.stl**

---



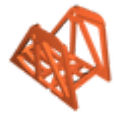
**stand-1.stl**

---



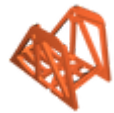
**stand-2.stl**

---



**stand-5.stl**

---



**stand-4.stl**

---



**axle.stl**

---



**axle-cap-cone.stl**

---



**axle-cap-flat.stl**

---



**baseplate2.stl**

---



**baseplate.stl**

---



**clutch2.stl**

---



**clutch.stl**

---



**dail.stl**

---



**dail2.stl**

---



**hub3.stl**

---



**hub5.stl**

---



**hub4.stl**

---



**hub2.stl**

---



**hub.stl**

---



spring-single-v2.stl

## License ©

This work is licensed under a  
Creative Commons (4.0 International License)



**Attribution—Noncommercial—Share Alike**

---

- ✗ | Sharing without ATTRIBUTION
- ✓ | Remix Culture allowed
- ✗ | Commercial Use
- ✗ | Free Cultural Works
- ✗ | Meets Open Definition