



# Bambu Lab A1 Mini - Rotary Spool Holder Adpater



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## Summary

Bambu Lab A1 Mini - Rotary Spool Holder Adpater

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**BEFORE STARTING THE IMPLEMENTATION OF THE PROJECT, READ CAREFULLY THE ENTIRE DESCRIPTION AND VIEW THE PHOTO GALLERY !!!**

**Hello Everyone**

I designed **“Bambu Lab A1 Mini - Rotary Spool Holder Adapter”** for the original product Bambu Lab Rotary Spool Holder for AMS Lite. I used three similar products but each had the same problem. When removing the spool from the holder : the Rotary Spool Holder slid out of the Rotary Spool Holder Adapter or Rotary Spool Holder and the Rotary Spool Holder Adapter slid out of the arm. After measuring the original holder attached to the printer, it turned out that the diameter of these models was too small compared to the original part, which is why they were defective.

Additionally, my adapter has a working latch that snaps onto the arm, which 100% eliminates the problem that occurs in other designs. Thanks to this, the spool can be removed with one hand.

Below are links to the official Bambu Lab store for the Rotary Spool Holder product.

**Remember to buy a YELLOW SPOOL HOLDER !!!** There are two versions of the adapter with and without a latch. **If you want to use the version with a latch, you must print it from PETG. The adapter should be printed in the same position as it will be imported into the slicer - DO NOT USE SUPPORTS !!! - See Photo Gallery.**

**When you complete the project, please share a photo and a comment. Thank you and have a nice day.**

**Here you will find all my modifications and accessories for Bambu Lab A1 Series printers :** <https://www.printables.com/pl/@Damian27/collections/1547024>

**What are the benefits of using Rotary Spool Holder Adapter ? :**

- **Improves Print Quality** - The filament spool does not vibrate and does not move as it did on the original printer holder because it is rigidly mounted. This improves the print quality because it 100% eliminates vibrations coming from the filament spool.
- **Constantly Tensioned Filament** - Thanks to the Rotary Spool Holder mechanism, the filament is constantly tensioned and there is never any tangling of the filament on the spool as it sometimes happened on the original printer holder
- **Automatic Filament Unloading** - Using the filament unloading function, there is no need to wait at the printer and manually remove the filament. The Rotary Spool Holder mechanism automatically retracts the filament from the print head

**Link to AMS lite Rotary Spool Holder - Yellow :**

**Bambu Lab Store EU :**

<https://eu.store.bambulab.com/en-pl/collections/spare-parts-for-ams-lite/products/ams-lite-rotary-spool-holder?variant=47098432389468>

**Bambu Lab Store UK :**

<https://uk.store.bambulab.com/collections/spare-parts-for-ams-lite/products/ams-lite-rotary-spool-holder?variant=40699016413244>

**Bambu Lab Store US :**

<https://us.store.bambulab.com/collections/spare-parts-for-ams-lite/products/ams-lite-rotary-spool-holder?variant=41280216367240>

**Bambu Lab Store CA :**

<https://ca.store.bambulab.com/products/ams-lite-rotary-spool-holder?variant=44244705411312>

**Bambu Lab Store AU :**

<https://au.store.bambulab.com/collections/spare-parts-for-ams-lite/products/ams-lite-rotary-spool-holder?variant=43562983522467>

**Bambu Lab Store JP :**

<https://jp.store.bambulab.com/products/ams-lite-rotary-spool-holder?variant=47860045152548>

**How to Print ? :**

- Material : **Recommends PETG - For the version with a latch it is required**
- Layer Height : 0.2mm
- Infill : 100%
- Wall Loops : 4
- Bottom Layers : 4
- Top Layers : 4
- Support : No
- Brim : No - **Unless you have poor grip on the bed**

## Model files



**a1-mini-rotary-spool-holder-adpater-with-latch.stl**



**a1-mini-rotary-spool-holder-adpater-without-latch.stl**

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