



JAYO Bambu Lab AMS Cardboard Spool Adapter Ring



DesignCraft

[VIEW IN BROWSER](#)

updated 17. 11. 2023 | published 17. 11. 2023

Summary

Adapter system enabling you to use JAYO 1.1kg 194x59mm cardboard spools within a Bambu Lab AMS.

[3D Printers](#) > [Bambu Lab Parts & Upgrades](#)

Tags: [spool](#) [filament](#) [adapter](#) [cardboard](#) [spooladapter](#) [sunlu](#) [jayo](#) [bambu](#) [jay](#) [cardboardspool](#) [bambulab](#) [ams](#) [bambulabams](#)

This model widens one side of the spool ring adapter to stabilize a JAYO 1.1kg 194x59mm cardboard spool while it rotates within a Bambu Lab AMS.

Features:

- Reusable
- JAYO nameplate for easy identification when reusing

Instructions:

- Print one of each model for a single spool.
- **Affix the wide spool ring adapter on the right-hand side of the JAYO spool if you're facing the AMS.**

- See attached photos.

Considerations:

- **Print Material:** Please print with a basic PLA or PETG to minimize any shrinkage.
- **Too Tight? Too Loose?** Cardboard expands with humidity and contracts when dried. A cardboard spool that has absorbed too much moisture may cause the adapters to fit very tight. Placing the spool in a filament dryer, such as the SUNLU S2, for a bit should resolve this. Note, you should not dry the spool with the adapters attached as they can warp in the heat. Keep in mind that after a long drying session the adapters may fit too loose. This should resolve itself shortly as the cardboard reabsorbs some moisture from the air.
- **AMS Lid Doesn't Close?** All of the spool adapters I make are less than the official AMS spool clearance limit of 202mm, as specified on the official AMS product page, and as tested within my own AMS. However, some people have stated their spools are rubbing against the lid with the adapters attached. It's hard to say what's causing this since I cannot reproduce the issue myself, however, I've created an [AMS Lid Riser](https://www.printables.com/model/602705) which allows you to keep your AMS lid closed while providing additional clearance for larger filament spools. It's a quick and easy print which you can find on [my profile](#) or directly here: <https://www.printables.com/model/602705>

Model files

jayo_spool_adapter.stl



jayo_spool_adapter_wide.stl



License ©

This work is licensed under a Standard Digital File Licence

Digital files have a strict non-commercial, personal use only license.

You shall not share, sub-license, sell, rent, host, transfer, or distribute in any way the digital file or 3D printed versions of this object, nor any other derivative work of this object in its digital or physical format. (including remixes of this object)

You can not host this files on other digital platforms, web stores or cloud repositories.

The objects may not be used without permission in any way whatsoever in which you charge money, collect fees.

-
- ✖ | No sharing or redistributing in any way of the 3D files or derivatives
 - ✖ | No remixing
 - ✖ | Non-commercial Use (only for personal use)
 - ✖ | Meets Open Definition