



## Universal Mini Spool Adapter (Bambu AMS)



Eccodyne

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## Summary

This is a universal mini spool adapter for Bambulab printers fitted with the AMS Hub.

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Tags: [spool](#) [mini](#) [small](#) [adapter](#) [weight](#) [250](#) [bambu](#)  
[250g](#) [bambulab](#) [ams](#) [250gr](#)

### **This is version 1.3 - NEWEST (Now with AMS Hydra support)**

If you are looking for a universal mini spool adapter for Bambulab printers with the AMS Hub, then this is for you. I have been trying out several other models to work with the 250g mini spools from Jayo and Sunlu, but none of them worked well.

Ultimately, I created my own adapter which works perfectly with my Bambulab X1, but it should work with other Bambulab printers with the AMS Hub as well.

### **How-To:**

There are two model versions you can choose from, (1) the regular AMS version and (2) the AMS Hydra version. The latter model is about 1cm slimmer and the filament clips have been moved further to the center of

the adapter so that it will work with the AMS Hydra mod should you be using one.

Print Part A and fill it with steel beads (like caliber 177/0.28" for air guns) which you can buy online from known marketplaces. This will put some extra weight on the adapter and allows for better feeding and retracting of filament with the AMS.

Place the spool on the shaft of Part A, print the screw (either the smaller or larger version as needed for your spools) and tighten it on the spool adapter.

Finally, print Part B and screw it onto Part A - done!

### **Print instructions:**

Print this with PETG, 0.24mm or 0.28mm layer height works fine for me. Printing Part A and B may take 2 hours each, but it is well worth the time. The separately downloadable clips are for those who have already printed earlier versions of the adapter without these clips on the model. You can glue them onto the adapter if you like. This is not needed for versions  $\geq$  1.2.

Have fun with this adapter - comments are welcome.

### **Changelog:**

- Version 1.3 published 17 January 2024: Added adjusted model files for users with AMS HYDRA mod
- Version 1.2 published 12 January 2024: Added filament clips to the model so that filament can be fixed to the spool holder once prints are done
- Version 1.1 published 11 January 2024: Added a larger/wider screw for spools with a larger hole where the smaller screw may not tighten the spool properly
- Version 1.0 published 7 January 2024

### **Support me:**

Please consider a tip if you like the design and would like to support me. See my profile for a link.

## **Model files**



**screw-large.stl**

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**screw-small.stl**

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**part-b-regular.stl**

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**part-a-regular.stl**

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**clip.stl**

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**part-b-hydra-ams.stl**

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**part-a-hydra-ams.stl**

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