



XXL Spool Holder (5kg & Under)



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Summary

An oversized spool holder for xxl sized spools. Nothing too fancy.

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An oversized spool holder for xxl sized spools. Nothing too fancy. Doesn't feature any type of bearings, or fancy features. I needed a plain and simple spool holder for Polymaker's 5kg abs spools, and threw this design together in F360. The added benefit of printing such a large spool holder is it fits anything smaller than 5kg, too!

Due to a little bit of an oversight on my end: the brace pieces have a top and bottom side due to the screw holes needing to line up. They will only screw in if they're facing the right direction. The correct orientation is **to have the holes closer to the top**.

You will need to print:

- 5kgSpoolHolder_**Brace** (x3) (2 will also work)
- 5kgSpoolHolder_**Frame** (x2)
- 5kgSpoolHolder_**Holder** (x1)

You will also need:

- M3x5x4 heat-set inserts (x6) [[heatsets from DFH here](#)]
- M3x20 screws (x6) [your preference on head type]

Instructions


1. Print
2. Insert heat-sets into the brace pieces. One on each side
3. Screw the frame into the brace
4. Enjoy!


Print recommendations:


- 15% gyroid infill
- .3 layer height

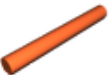
Maybe in the future I'll look into a design that adds bearings.

Model files

 **XXL 5KG Spool Holder (r1)** 3 files

**5kgspoolholder_framex2.stl**
☐ Print 2 frame pieces.

**5kgspoolholder_bracex3.stl**
☐ You need at least 2, but 3 to be extra safe :)

**5kgspoolholder_holder.stl**
☐ Print 1.

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