



Spoolholder with ball-bearings for big spools



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Summary

A Spoolholder optimised for big Filament Spools on an Ender 3 Pro.

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A filament spool holder optimized for big and heavy spools for a Creality Ender 3 Pro.

With the help of an integrated thread it can be fixed on the current arm and with two classic ball-bearings the spool can roll freely.

With the indentations on the rolling-part the spool can't roll off. This part is hollow so you can add a (4,2mm diameter, 126mm length) rod for extra strength.

Tested with up to 2,3kg spools of 3D Jake EcoPLA.

A Prusa Printer Edition can be created if you give me the dimensions for the current spoolholder or you can remix my design.

If needed, i can publish the Solidworks Design too.

Prints with almost no supports.

Comments say, that the nut should be printed at 105% in x- and y-directions for better fitment.

Model files



schraube.stl



underpass.stl



roller.stl

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