

## Front 2kg Spool Holder for Prusa MK3S+



Knur

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### Summary

Redesigned Prusament 2kg spool holder rotated 90 degrees. Fits one 2kg or only one 1kg Prusament spool.

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This spool holder is a 90 degree rotated version of the Original Prusa MK3S+ Prusament 2 kg spool holder redesigned from scratch, based on the original holder dimensions. I cannot guarantee that this will not break or do some damage to your printer, so use it at own risk. For now it works for me, and time will tell, if it's sturdy enough.

The attached 3mf file is exactly what I've printed - Prusament PETG, 0.2mm layer height, 20% infill. It should also print like the original spool holder (0.3mm layer height, draft), but I haven't tried that.

The main advantage of my variation of that spool holder is to reduce side drag of the filament that (probably) caused layer shifts on X axis (when the filament caught on a notch in the spool while the extruder moved from one side to another with fast idle movement). It can be useful in scenarios like

mine, where the printer sits on the desk under a low shelf, and there is no place to fit the spool on the original holder in the center of the printer. There is also a stopper for a 1kg spool to keep it from sliding on the holder.

Because the spool now hangs in the front of the printer (and thus there is a different weight distribution) it has a rotated upside down mounting clip, but it still does not interfere with the moving extruder.

## This remix is based on

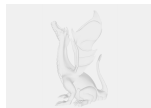


**Original Prusa MK3S+ Prusament 2 kg spool holder**  
by Prusament

## Model files



**front-2kg-spool-holder-for-prusa-mk3s.3mf**



**front-2kg-spool-holder-for-prusa-mk3s.f3d**

☐ Complete project (includes imported original 2kg Spool Holder stl)

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