



## TUSH2 - A simple sliding re-mix



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### Summary

I loved the TUSH2 sliding redesign and I used it A LOT. Here is a remix that makes it perfect for me !



3.01 hrs



2 pcs



0.20 mm



0.40 mm



PLA



40 g



Prusa  
MK3S/S+ &  
MMU2S

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[tush](#) [sliding](#) [rail](#) [tush2](#) [theultimateholder](#)

I just receive the MMU2S (my journey is starting... I know) so I need to adapt my workspace.

I love this sliding remix of the TUSH2 ([here](#)) and I used it as my main spool holder for all my print but some detail were bothering me so I corrected them:

- **3mm nuts** are now **placed inside** the spool, rather than popping outside. So you can pack spools side by side satisfyingly.

- **3mm nuts** were not hold in position properly in the original version, now it is a satisfying **very tight fit** (use a clamp). Nuts will never turn again.
- Now, If you use a **3mm bolt** of **length 12mm**, It will not stick out of the TUSH2, as it was [slightly] the case in the previous version.
- The **sliding rail** length has been **increase to 24cm** and supported with 3 small screws. This change was important to me: MMU2S = 5 spools. You can print many of them on the prusa bed at once.
- Sliding rail **tolerance has been increase**, should be easier to slide.
- I **dropped the arms** support system, going back to a plain design without any hole. I never used them in my previous versions.

THIS IS A REMIX FROM A THINGIVERSE MODEL: <https://www.thingiverse.com/thing:2853619> I could not reference it properly in the prusaprinter system as it has not been imported here yet.

Edit: 01/04/2022:

It was suggested in the comments/makes to reduce the scale of the Rail to 95% to allow better slide with no resistance. According to what you want, i.e. tight slide or easy slide, you might want to follow that advice. Thanks !

## Model files



**tush2\_outside\_bolt\_remix.stl**

☐ the remixed version describe above



**tush2\_inside\_tight\_nut\_remix.stl**

☐ the remixed version describe above



**tush2\_rail-tush2\_rail\_240mm\_remix.stl**

☐ you can print up to 6 of them in one go



**tush2\_rail\_250mm\_remix.stl**

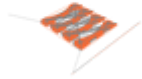
☐ might not fit the print bed



### tush2-slide-rail\_original.stl

☐ This is the original small sliding rail from thingiverse

## Print files

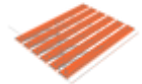


### tush2\_outside\_bolt\_02mm\_pla\_mk3smmu2s\_3h0m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.20 mm ⌚ 3.01 hrs ⚖️ 40 g

📄 Prusa MK3S/S+ & MMU2S

☐ the remixed version describe above



### tush2\_rail-tush2\_rail\_240mm\_02mm\_pla\_mk3smmu2s\_.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.20 mm ⌚ 7.02 hrs ⚖️ 94 g

📄 Prusa MK3S/S+ & MMU2S

☐ 6 rails at once !

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