



Parts Box with Print-in-Place Latch and Nameplates



actualSIZE

[VIEW IN BROWSER](#)

updated 4. 2. 2021 | published 29. 1. 2021

Summary

This is a large (full print-bed) box made for small tools or whatever you like.



24.86 hrs



1 pcs



0.20 mm



0.40 mm



PLA



302 g



Prusa
MK3/S/S+

[Hobby & Makers](#) > [Organizers](#)

This is a large (full print-bed) box made for small tools or whatever you like. It has a working latch and a nameplate holder to keep you informed of the contents. No support is needed and it prints pre-assembled.

Updated latch hinge to be a solid bar instead of a couple of nubs. This makes for a latch that can't fall off.

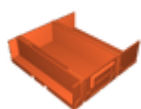
Updated latch to be 3mm shorter, this should make for a tighter closure.

Print instructions

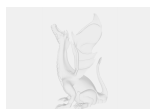
Print at default settings. In my case, that's .2 at 15% no support. Use PLA (the shrinkage of other materials causes problems with tolerances). The gap between mating parts and hedges is 0.4mm This is a 24 hour print.

Added a MINI version of the model. For the MINI, the gaps are 0.3mm.

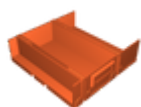
Model files



latchbox_plain_mini.stl

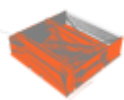


latchbox_plain.skp



latchbox_plain.stl

Print files



latchbox_plain_02mm_pla_mk3s_1d0h51m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.20 mm ⌚ 24.86 hrs ⚖️ 302 g 🖨️ Prusa MK3/S/S+

License ©



This work is licensed under a
[Creative Commons \(4.0 International License\)](#)

Attribution-NonCommercial

- ✗ | Sharing without ATTRIBUTION
- ✓ | Remix Culture allowed
- ✗ | Commercial Use
- ✗ | Free Cultural Works
- ✗ | Meets Open Definition

