



## Sorting Box with customizable compartments

3 3DP

[VIEW IN BROWSER](#)

updated 14. 8. 2022 | published 14. 8. 2022

### Summary

You can make your own customized box with a maximum of nine 30mm by 40mm departments!

---

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

---

To build it you need four M3 x 16mm (longer ones also work) screws. The hinges and the box lid and bottom are 3D printed. It clicks in really well with a perfect hold.

You can use it for example for screws or ball bearings and so on.

The holes for the M3 screws have a diameter of 2,75mm so you cut the thread by screwing in a screw. It's fast and really effective!

You can print it with PLA, ABS, PETG or whatever you want. I used a layer height of 0,2mm and printed it without supports.

I used 0,5mm tolerances so you can even print it with a non well calibrated printer!

I also made a recess in the lid so you can make your box waterproof.

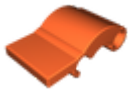
# Model files



**box.stl**

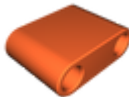


**box\_lid.stl**



**front\_hinge.stl**

☐ you need it two times



**back\_hinge.stl**

☐ you need it two times



**plate\_long.stl**

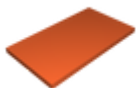


**plate\_short.stl**



**plate\_short\_2.stl**

☐ this is the middle wall



**plate\_long\_2.stl**

☐ This is the middle wall

# License

This work is licensed under a  
**Creative Commons (International License)**



## **Public Domain**

---

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