

## Organizer Box



3DPrintyi

[VIEW IN BROWSER](#)

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## Summary

An organizer box for storing all sorts of things.

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

Tags: [box](#) [organizer](#) [case](#) [storage](#) [storagebox](#) [boxes](#)  
[organizercase](#) [organizerbox](#) [compartmentbox](#)

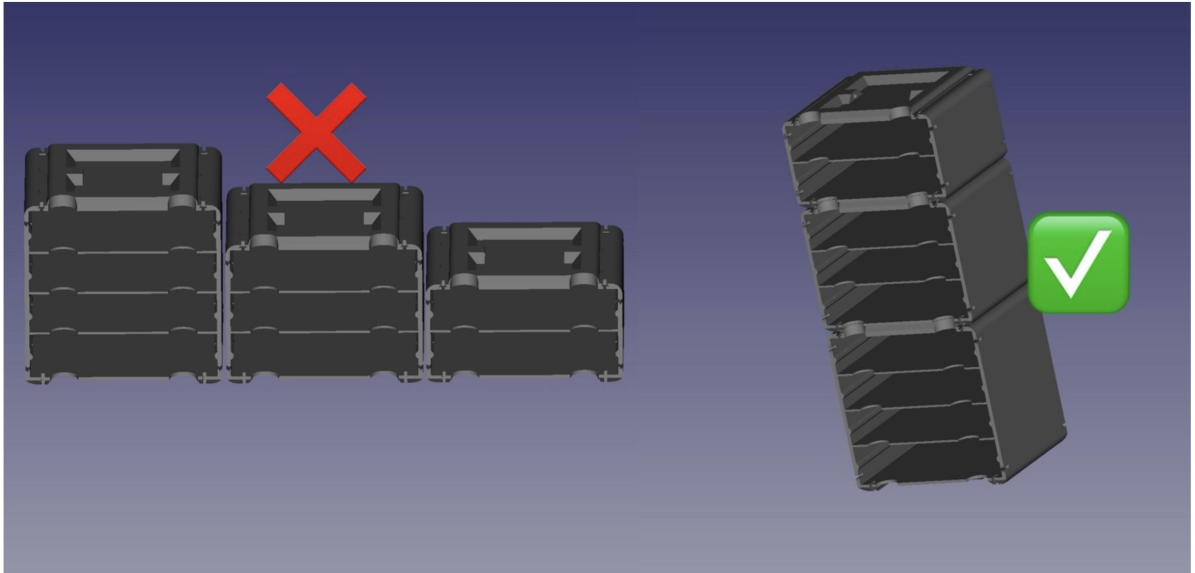
**Please read the description!**

**When you decide to print my model please print the normal box first and look how it goes before you print the organizer holder!**

**This model is not compatible with gridfinity!**

This organizer box has a **lockable sliding mechanism**. The **boxes can be stored in a holder** with up to 4 pieces. You can connect the holders with connectors in any direction and thus hold them all together. If you want, you can even attach the holder to the wall. Inserts are available in all sizes, but more from me will be added from time to time!

**Important!!! You can only connect the box holders with the same sizes in the horizontal length. For the vertical height it doesn't matter which sizes you want to combine. (see picture below)**



**Here are my tips for printing! Please use these values, as I have adapted my models to these and only so I can guarantee that everything works perfectly!!!**

#### **Tips and values:**

- **Filament:** PLA recommended (PETG also works)
- **Quality (Layer Height):** 0,2mm
- **Wall Loops:** 3
- **Infill:** 20%
- **Infill pattern:** Doesn't matter (I used Rectilinear)
- **Supports:** No! (Do not use supports for all of my Parts!)
- **Wall generator:** **For all Inserts Arachne!!!For all other parts Classic!!!**

#### **Print the parts as they are already oriented**

Please make sure **that the parts come not loose while printing them** . When this happens it could be that the function of my sliding mechanism does not work perfectly!

It's just a recommendation, if the parts should hold well on your plate, you don't necessarily have to use a brim.

You can add a brim to the:

- Lid
- Bottom
- Organizer Holder
- Slide Lock Left/Right

**I have made an instruction how to assemble my organizer box.** You can find the instructions in the download folder!


## Changes and added models:


- 18.07.24 = Added 2 new box holders (2\_OrganizerHolder\_V00, 3\_OrganizerHolder\_V00)
- 20.07.24 = Added 21 new inserts + recreated all inserts from V00 → V01 to support better removal from the box of the half sized inserts! all inserts are 0.1mm smaller on the outer edges! Use Arachne to print the inserts!!!
- 22.07.2024 = Added 15 new inserts
- More new Inserts will be added from time to time. If an insert is missing you can write me a message and i can immediately create and upload them
- 11.08.2024 = SlideLockLeft/Right V00 -> V01 (If the slide lock is too loose, the lid was no longer closing correctly. This is now fixed in V01)
- 11.08.2024= Bottom V00 -> V01 (The rail could only be pressed into the bracket with difficulty or not at all. This is now fixed in V01)
- 13.08.2024 = BoxInsert\_4x3\_Type0\_V01 fixed model design

Problems that have occurred	How to solve them
Rails don't fit in the SlideLockLeft/Right	Scale the rail down on Y and Z scale by 0.4mm or try out wich value you need to adjust!
filament won't fit through the hinges	drill out the hinges if you can (be very careful that you don't take to much away!) because the filament must sit a little tight in the hole, otherwise the hinge will not work correct and the filament can fall out of the hinge!

Happy printing!

## Model files

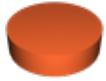
 **Box print in Classic** 6 files

 **lid\_v00-meshed.stl**  
☐ Print in Classic



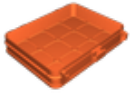
### **rail\_2x\_v00-meshed.stl**

☐ Print in Classic



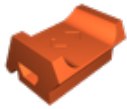
### **feet\_4x\_v00-meshed.stl**

☐ Print in Classic



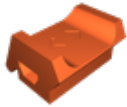
### **bottom\_v01-meshed.stl**

☐ Print in Classic



### **slidelockleft\_v01-meshed.stl**

☐ Print in Classic



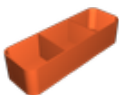
### **slidelockright\_v01-meshed.stl**

☐ Print in Classic



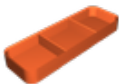
## **Inserts print in Arachne!**

43 files



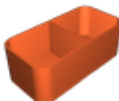
### **boxinsert\_1x3\_type1\_v01-meshed.stl**

☐ Print in Arachne



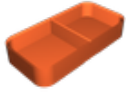
### **boxinsert\_1x3\_type1\_half\_v01-meshed.stl**

☐ Print in Arachne



### **boxinsert\_1x2\_type1\_v01-meshed.stl**

☐ Print in Arachne



### **boxinsert\_1x2\_type1\_half\_v01-meshed.stl**

☐ Print in Arachne

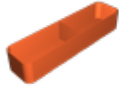
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### **boxinsert\_2x2\_type1\_v01-meshed.stl**

☐ Print in Arachne

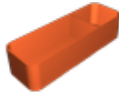
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### **boxinsert\_1x4\_type2\_v01-meshed.stl**

☐ Print in Arachne

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### **boxinsert\_1x3\_type2\_v01-meshed.stl**

☐ Print in Arachne

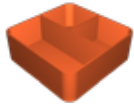
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### **boxinsert\_2x2\_type1\_half\_v01-meshed.stl**

☐ Print in Arachne

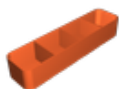
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### **boxinsert\_2x2\_type3\_v01-meshed.stl**

☐ Print in Arachne

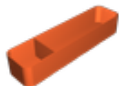
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### **boxinsert\_1x4\_type1\_v01-meshed.stl**

☐ Print in Arachne

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### **boxinsert\_1x4\_type4\_v01-meshed.stl**

☐ Print in Arachne

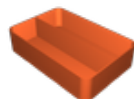
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### **boxinsert\_1x1\_type0\_half\_v01-meshed.stl**

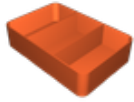
☐ Print in Arachne

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### **boxinsert\_3x2\_type3\_v01-meshed.stl**

☐ Print in Arachne



### **boxinsert\_3x2\_type2\_v01-meshed.stl**

☐ Print in Arachne

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### **boxinsert\_1x4\_type1\_half\_v01-meshed.stl**

☐ Print in Arachne

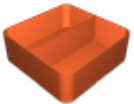
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### **boxinsert\_3x2\_type1\_v01-meshed.stl**

☐ Print in Arachne

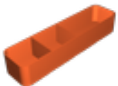
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### **boxinsert\_2x2\_type2\_v01-meshed.stl**

☐ Print in Arachne

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### **boxinsert\_1x4\_type3\_v01-meshed.stl**

☐ Print in Arachne

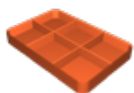
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### **boxinsert\_4x3\_type1\_half\_v01-meshed.stl**

☐ Print in Arachne

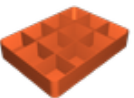
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### **boxinsert\_3x2\_type1\_half\_v01-meshed.stl**

☐ Print in Arachne

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### **boxinsert\_4x3\_type1\_v01-meshed.stl**

☐ Print in Arachne

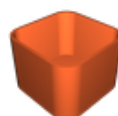
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### **boxinsert\_2x2\_type0\_v01-meshed.stl**

☐ Print in Arachne

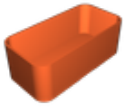
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### **boxinsert\_1x1\_type0\_v01-meshed.stl**

☐ Print in Arachne

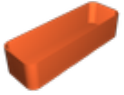
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### **boxinsert\_1x2\_type0\_v01-meshed.stl**

☐ Print in Arachne

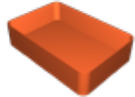
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### **boxinsert\_1x3\_type0\_v01-meshed.stl**

☐ Print in Arachne

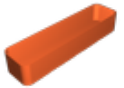
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### **boxinsert\_3x2\_type0\_v01-meshed.stl**

☐ Print in Arachne

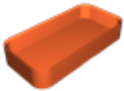
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### **boxinsert\_1x4\_type0\_v01-meshed.stl**

☐ Print in Arachne

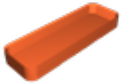
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### **boxinsert\_1x2\_type2\_half\_v01-meshed.stl**

☐ Print in Arachne

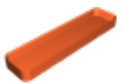
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### **boxinsert\_1x3\_type2\_half\_v01-meshed.stl**

☐ Print in Arachne

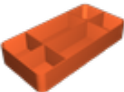
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### **boxinsert\_1x4\_type2\_half\_v01-meshed.stl**

☐ Print in Arachne

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### **boxinsert\_2x4\_type6\_v01-meshed.stl**

☐ Print in Arachne

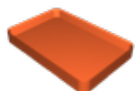
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### **boxinsert\_2x2\_type2\_half\_v01-meshed.stl**

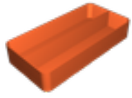
☐ Print in Arachne

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### **boxinsert\_3x2\_type2\_half\_v01-meshed.stl**

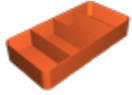
☐ Print in Arachne



### **boxinsert\_2x4\_type3\_v01-meshed.stl**

☐ Print in Arachne

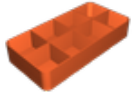
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### **boxinsert\_2x4\_type1\_v01-meshed.stl**

☐ Print in Arachne

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### **boxinsert\_2x4\_type2\_v01-meshed.stl**

☐ Print in Arachne

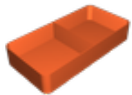
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### **boxinsert\_4x3\_type2\_half\_v01-meshed.stl**

☐ Print in Arachne

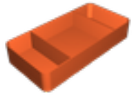
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### **boxinsert\_2x4\_type5\_v01-meshed.stl**

☐ Print in Arachne

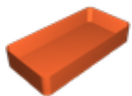
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### **boxinsert\_2x4\_type4\_v01-meshed.stl**

☐ Print in Arachne

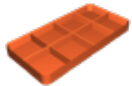
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### **boxinsert\_2x4\_type0\_v01-meshed.stl**

☐ Print in Arachne

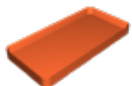
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### **boxinsert\_2x4\_type2\_half\_v01-meshed.stl**

☐ Print in Arachne

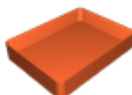
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### **boxinsert\_2x4\_type0\_half\_v01-meshed.stl**

☐ Print in Arachne

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### **boxinsert\_4x3\_type0\_v01-meshed.stl**

☐ Print in Arachne





## BoxHolder print in Classic

6 files



### 2\_organizerholder\_v00-meshed.stl

☐ Print in Classic



### 3\_organizerholder\_v00-meshed.stl

☐ Print in Classic



### 4\_organizerholder\_v00-meshed.stl

☐ Print in Classic



### handle\_boxorganizerholder\_v00-meshed.stl

☐ Print in Classic



### tpu\_feet\_boxorganizerholder\_2x\_v00-meshed.stl

☐ Print in Classic



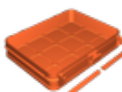
### connectingpiece\_v00-meshed.stl

☐ Print in Classic



## 3mf files PrusaSlicer (for Reference)

9 files



### bottomrail\_v01-meshed.3mf

☐ Print in Classic



### lidslidelockleftright\_v01-meshed.3mf

☐ Print in Classic



### tpufeetorganizerboxfeet\_v00-meshed.3mf

☐ Print in Classic



### 2\_organizerholder\_v00-meshed.3mf

☐ Print in Classic



### 3\_organizerholder\_v00-meshed.3mf

☐ Print in Classic



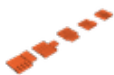
### 4\_organizerholder\_v00-meshed.3mf

☐ Print in Classic



### handleconnectingpiece\_v00-meshed.3mf

☐ Print in Classic



### 15\_inserts\_v01-meshed.3mf

☐ Print in Arachne



### inserts\_v01-meshed.3mf

☐ Print in Arachne



## 3mf files BambuLab (for Reference)

4 files

### box\_v01-meshed.3mf

☐ Print in Classic

### boxholder\_v00-meshed.3mf

☐ Print in Classic

### 15\_inserts\_v01-meshed.3mf

☐ Print in Arachne

### inserts\_v01-meshed.3mf

☐ Print in Arachne

## Other files

**assembly-guide.pdf**

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