



# IKEA ALEX multiple inserts



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## Summary

Set of different inserts for an IKEA ALEX office cabinet.

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

Tags: [drawercabinet](#) [ikea](#) [ikeaalex](#) [inserts](#) [organiser](#)

Hello all,

here you can find a set of different inserts for an **IKEA ALEX office cabinet**.

I love to organize and have been inspired by Alexandre Chappel in the creation ([Youtube](#)). He created the inserts for his homemade drawers, but of course that doesn't fit my needs :-)

### Overview of available pieces:

#### 19.07.2022, initial release:

- Box 1x1, 1x2, 1x3, 1x4, 1x5,
- Box 2x2, 2x3 (Insert for AA and AAA batteries), 2x4, 2x6 (part 1 + part 2)
- Box 3x3
- Spacer to connect two drawers (just remove the bottomcover from the top drawer)

- Spacer for the sides to give the inserts a tight fit so that they don't slide around

#### **14.08.2022, updates:**

- Box 2x2 new insert for AA and AAA batteries

#### **15.09.2022, update/info:**

- **If the batteries do not fit in the inserts, then Prusa offers the hole compensation. This allows the diameters to be adjusted. If you use Cura, then search for "Hole Horizontal Expansion"**
- Be sure to use Prusa Slicer 2.5.0 to reduce printing times by about 20%. It is also useful to use a 0.6 mm nozzle.

#### **08.02.2023, updates:**

- Box 2x3. Two new inserts for batteries have been added. For AA there is now an insert with 24 (originally 40) and AAA with 45 (originally 77). Two new inserts for batteries have been added. For AA there is now an insert with 24 (originally 40) and AAA with 45 (originally 77).

#### **08.02.2023, updates:**

- Box 2x3. Three new battery inserts have been added. Now 9V block, 18650 and BABY (C3) batteries are supported.

#### **16.02.2023, updates:**

- At the request of @rkrd there is now a box 1,5x1 and also 1x0,5

#### **01.03.2023, updates:**

- After the hint of @marcusone I have corrected the naming. The boxes were built width x depth. There are three new variants (2x1, 3x1, 4x1). I also divided the files into folders, because it becomes more and more now :-)
- Box 1x2: Two new inserts for more organizing. You can now store USB-Sticks, MicroSD- and SD-Cards. Thank you for your request @Djcproductions

#### **17.04.2023, updates:**

- Box 2x0,5 and 3x0,5: Unfortunately it took some time, but now there are two more new boxes. Thanks to @KrzysztofRosinski

#### **24.05.2023, updates:**

- Box 4x4: Added by request of @americanscoob\_511282

## 15.06.2023, updates:

- As a request from [@Chris\\_613604](#) there are two new inserts for storing 2.5" harddrives. One for the thicknes of 12.7 mm and the other for 9.5 mm.



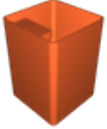


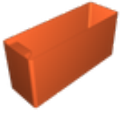
27.07.2023, updates:

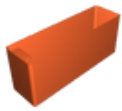
- As a request of [@Johan\\_9671](#) there are three new boxes (1x3,5, 2x3,5 and 3x3,5) to fill some gabs :-)

Feel free to request more inserts. I will be happy to draw more for you :-)

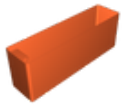
Many greetings,  
Bastian

## Model files

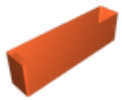
	Boxes	22 files
	<b>box-1x05.stl</b>	
	<b>box-1x1.stl</b>	
	<b>box-15x05.stl</b>	
	<b>box-1x2.stl</b>	
	<b>box-1x3.stl</b>	



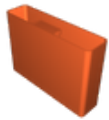
**box-1x35.stl**



**box-1x4.stl**



**box-1x5.stl**



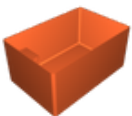
**box-2x05.stl**



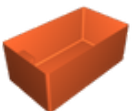
**box-2x1.stl**



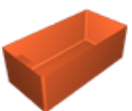
**box-2x2.stl**



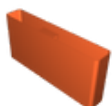
**box-2x3.stl**



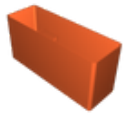
**box-2x35.stl**



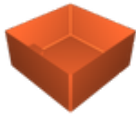
**box-2x4.stl**



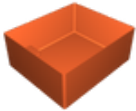
**box-3x05.stl**



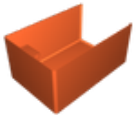
**box-3x1.stl**



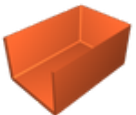
**box-3x3.stl**



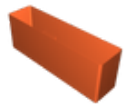
**box-3x35.stl**



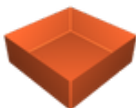
**box-2x6-part-1.stl**



**box-2x6-part-2.stl**



**box-4x1.stl**

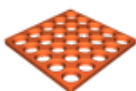


**box-4x4.stl**



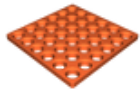
**Inserts**

13 files



**box-2x2-aa-40-batteries-insert.stl**

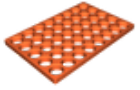
☐ This insert is can hold up to 40 AA batteries



### **box-2x2-aaa-77-batteries-insert.stl**

☐ This insert is can hold up to 77 AAA batteries

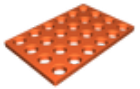
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### **box-2x3-40-aa-batteries-insert.stl**

☐ This insert is can hold up to 40 AA batteries

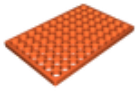
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### **box-2x3-24-aa-batteries-insert.stl**

☐ This insert is can hold up to 24 AA batteries

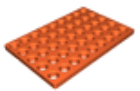
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### **box-2x3-77-aaa-batteries-insert.stl**

☐ This insert is can hold up to 77 AAA batteries

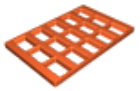
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### **box-2x3-45-aaa-batteries-insert.stl**

☐ This insert is can hold up to 45 AAA batteries

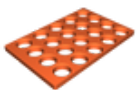
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### **box-2x3-15-9v-batteries-insert.stl**

☐ This insert is can hold up to 15 9v batteries

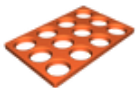
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### **box-2x3-20-18650-batteries-insert.stl**

☐ This insert is can hold up to 20 18650 batteries

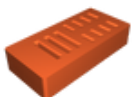
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### **box-2x3-12-baby-batteries-insert.stl**

☐ This insert is can hold up to 12 BABY batteries

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### **box-1x2-3-sd-8-microsd-card-insert.stl**

☐ This insert is can hold up to 3 sd and 8 micro sd cards

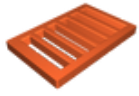
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### **box-1x2-10-usb-stick-insert.stl**

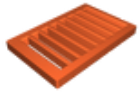
☐ This insert is can hold up to 10 USB sticks

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### **box-2x3-6-25-zoll-harddrive-127mm.stl**

☐ This insert is can hold up to 6 2.5" hard drives with a thinkness of 12.7 mm



### **box-2x3-8-25-zoll-harddrive-95mm.stl**

☐ This insert is can hold up to 8 2.5" hard drives with a thinkness of 9.5 mm



## **Spacers**

4 files



### **spacer-part2.stl**



### **spacer-part1.stl**



### **spacer-part3.stl**



### **spacer-drawer-alex.stl**

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