



## Pocket size driver bit case V2



Riffnshred

[VIEW IN BROWSER](#)

updated 9. 2. 2023 | published 9. 2. 2023

### Summary

A pocket-friendly driver bit storage inspired by the Megapro and LTT screwdriver.

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

Tags: [bit](#) [storage](#) [screwdriver](#) [screwdriverbit](#) [litt](#)  
[megapro](#)

#### Update 2023-02-08:

- Created a new V2 Drawer Cap set. Only 2 options for now (default and knurled). More to come.
- New Knurled cap.

#### Update 2023-01-28 :

- Added the new V2 version of the LTT shorty bit case.
- Included new instructions (**Screwdriver-case-V2-instructions.jpg**). Can be found in the files.
- Removed the V1 files except for the drawer cap for those that need to print a new one.

## NEW STANDARD BITS CASE V2 - WHAT'S NEW?

- The drawer is now permanently attached to the case.
  - Now clips open.
  - The drawer guide is also keyed to provide better friction and prevent the drawer guide and drawer clip from separating. You should not need to glue them anymore.
  - Note: The original drawer cap does not fit **V2**. I will remake the LTT and icon version compatible with **V2** soon.
- 

I needed storage for the extra set of bits I ordered with my LTT screwdriver. As a challenge to learn more advanced 3d CAD design, I wanted to make one that works the same as the one on the screwdriver. One major difference is that you must screw the drawer to lock it closed.

There are two versions:

- The Shorty bits storage (store twelve shorty bits or six 25mm)
- The Standard bits storage (store twelve 25mm bits OR six 2" bits (common with power drills))

### For a successful print.

PETG works best, ABS or ASA should also work great.

When printing the casing, add a modifier that covers the shaft and set the infill to 100%. Otherwise, it brakes off easily when you insert the drawer. I provided a Prusa slicer file which includes a modifier.

Not all materials are the same (obviously) and this affects the tolerance and friction of some parts. You might have to glue the drawer shaft and the drawer guide together, but I made it so that most PETG should be tight enough to not separate or, and not jam halfway through. The same goes for the drawer and the center shaft of the casing. With some material, it might be looser, but the opposite can brake the shaft.

### Assembly

Find the Screwdriver-case-V2-instructions.jpg image in the files.

# Model files



## V2 drawer cap set

2 files

**default\_drawer\_cap.stl**

---

**knurled\_drawer\_cap\_v2.stl**



## V2 LTT Shorty bits storage

7 files

**shorty\_bitclip\_v2.stl**

---

**shorty\_drawer\_clip\_shaft\_v2.stl**

---

**shorty\_drawer\_guide\_v2.stl**

---

**drawer\_cap\_v2.stl**

---

**shorty\_casing\_v2.stl**

---

**ninja\_star\_v2.stl**

---

**shorty\_casing\_prusaslicer\_v2.3mf**



## V2 Standard bits storage

8 files

**std\_drawer\_cap\_v2.stl**

---

**std\_bitclip\_v2.stl**

---

**ninja\_star.stl**

---

**std\_drawer\_clip\_shaft\_v2.stl**

---

**std\_drawer\_guide\_v2.stl**

---

**std\_casing\_v2.stl**

---

**std\_cassing\_no\_frictionv2.stl**

---

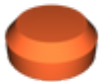
**slicer\_std\_casing\_petg\_v2.3mf**

☐ Example file including the modifier on the shaft.



## V1 Drawer caps

3 files



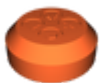
**v1-drawer\_cap.stl**

---



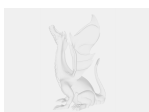
**v1-ltt\_drawer\_cap.stl**

---



**v1-icons\_drawer\_cap.stl**

## Other files



**screwdriver-case-v2-instructions.pdf**

# License

This work is licensed under a  
**Creative Commons (4.0 International License)**



**Attribution—Noncommercial—Share Alike**

---

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