



Desktop Mini Toolbox



DiTech Fabrications

[VIEW IN BROWSER](#)

updated 13. 3. 2024 | published 13. 3. 2024

Summary

A mini toolbox.

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

Tags: [box](#) [organizer](#) [tool](#) [chest](#) [toolbox](#) [snapon](#)
[organization](#) [tools](#) [cabinet](#) [toolstorage](#) [drawer](#)
[milwaukee](#) [husky](#) [desktoporganizer](#) [toolsorganizer](#)
[mastercraft](#) [toolchest](#)

UPDATE 01/02/24: The top cabinet to pair with it is currently in the design phase.

UPDATE 01/12/24: Added 2 new drawer files with tabs removed for a better fit.

UPDATE: 01/27/24: Archived drawers with larger tabs. They are still available and usable but tabs removed have tested to work better.

UPDATE: 02/07/24: Top cabinet is currently in print and prototype phase with multiple drawer configurations.

UPDATE: 02/21/24: A top cabinet variant is now available **Desktop Mini Toolbox - Top Cabinet: 4 Drawer Edition!**

There is a brand name micro toolbox that already exists which is maybe a little nicer than this one as it is made of steel, but why buy a \$200 brand name tool box when you can print your own for a fraction of the price? Coming in just under 1kg of filament, it's much more affordable!

You will need to print:

- 1x Cabinet
- 1x Large Drawer
- 3x Small Drawer
- 4x Drawer Handle Cover
- 2x Corner Edge
- 4x Feet (already configured on 1 plate)

Drawer handle covers, feet and corner edges need to be glued on.

Drawer slides are designed with a 0.3mm tolerance and slid in well for me. They may need a light sand in the cabinet to slide smoothly.

A note when printing the drawers, they are currently configured with organic supports and a small brim, it should not sag while printing the handle overhang. I did have issues printing 1 of mine causing it to bow out a little, but the handle cover hides the imperfection. They are also configured with a small brim in the 3mf files which will require trimming off since I had issues with lifting, but you can also disable it.

If slicing the drawers yourself, please use organic supports for the drawer handle, regular grid supports will cause it to sag!

The main Cabinet is designed to be printed on it's back face with no supports.

Notable add-on details/remixes by the community:

- A [Gridfinity compatible toolbox remix](#) by Oachkatzl.
- A proper [Snap-On logo](#) made by Jevin. This one does need to be scaled to about 35% as it is sized for a full size tool chest.
- [Snap-Off logo](#) found by PteroDancer.
- A realistic [faux key](#) option created by PteroDancer.
- Tiny [casters](#) found by LaserLady58.

Model files

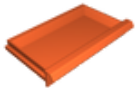


STL Files

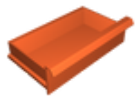
6 files



cabinet-bottom-signed.stl



cabinet-small-drawer-tabs-removed.stl



cabinet-big-drawer-tabs-removed.stl



foot.stl



corner-edge.stl

☐ Print laying flat



full-drawer-handle-cover.stl

☐ Print on long thin flat edges. Updated for easier printing, no brim required.



3mf Files

2 files



cabinet-bottom-signed.3mf



feet.3mf

☐ Printed in TPU for antiskid feet



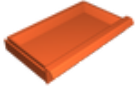
Archive (still usable but other files preferred)

5 files

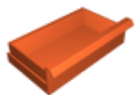


drawer-handle-cover.stl

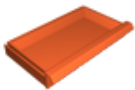
☐ Print on long open edge with brim



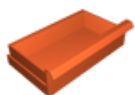
cabinet-small-drawer.3mf



cabinet-big-drawer.3mf



cabinet-small-drawer.stl



cabinet-big-drawer.stl

License

This work is licensed under a
[Creative Commons \(4.0 International License\)](https://creativecommons.org/licenses/by-nc/4.0/)

Attribution-NonCommercial



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