



Tool box parametric



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updated 5. 12. 2025 | published 5. 12. 2025

Summary

Box for tools.

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Tags: [box](#) [tool](#) [storagebox](#) [toolbox](#)

Box for tools.

Inspired by

<https://www.thingiverse.com/thing:4094861>

Frog Box v2.0, because when I enlarged it became a mess in the fusion, I decided to redraw it from scratch.

200.185.100 are internal dimensions.

The groove for the seal is provided directly for filament A82-85 1.75 mm, but maybe it is better with an elastic band 2 mm. In fact, even the softest filaments are not as soft as an elastic band.

The box is parametric and can be any size, including the thickness of the box and the ribs.

In the photo the axes for the latch and the hinges are 3mm rods but it is designed for M3x30mm.

Depending on the bridging capabilities of the printer, it may be necessary to drill the hinge of the lid with a 3mm drill bit, it must rotate freely around the axis.

The yellow color is just like fluke. The brand is Filamentum, the color is Melon yellow.

The link for the logo:

<https://www.thingiverse.com/thing:3903992>

And handles for the box:

<https://www.printables.com/model/84450-parametric-folding-handle>

<https://www.printables.com/model/75806-tool-box-handle-for-tool-box-parametric>

Added: Rugged version with thicker hinges and handle, optimized for 0.6mm nozzle for faster print.

M3x40mm 2pc. for handle.

Latch is the same.

Print instructions

Resolution 0,2 mm

Infill 10%

Support NO

PLA

Model files



boxw-20018540.stl



box-lid-20018520.stl



box-latch.stl



boxw-acc-vii-v15.f3d



boxw-lid-vii-v14.f3d



boxw-rugged-23019050.3mf



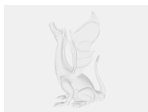
box-lid-rugged-23019020.3mf



box-handle-rugged.3mf



boxw-acc-viii-rugged.f3d



boxw-lid-viii-rugged.f3d

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