



Flexcut Rotating Tool Holder



Dinkus

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Summary

Rotating Tool holder made for Flexcut palm tools. Fits 8 Flexcut palm tools (with bonus hole for 1 pfeil palm tool).

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Made this for my wife's linocut palm tools after noticing they were stored in a large cup with no way to identify them or protect the cutting edges. Used this project to start learning FreeCAD - first time designing/modeling a parametric model.

The holder uses a skateboard bearing (press fit into the top portion, dimensions are in the images section) and the hollow base was filled with sand (along with a 3m rubber sheet on the bottom to prevent slipping). The holder is printed in 3 parts and requires no supports.

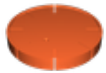
I've included 2 versions of the top portion, one with pin holes for 3d printed labels, and one without. I also uploaded the labels for the blade profiles she had (2 sizes of the same profiles, so they were just printed in 2 different colors).

Model files

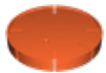


stl files

6 files



flexcutholdertopnolables.stl



flexcutholdertopwithlableholes.stl



flexcutholderpost.stl



flexcutholderbase.stl



labelpins.stl



flexcutholdertopnoholes.stl

☐ "blank" holder (only has a hole for the bearing) - use this to add holes to support other tools



step files

5 files

flexcutholderbase.step

flexcutholderpost.step

flexcutholdertopnolables.step

flexcutholdertopwithlableholes.step

flexcutholdertopnoholes.step

□ "blank" holder (only has a hole for the bearing) - use this to add holes to support other tools

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