



Rolling Top Storage Box



GLeZz

[VIEW IN BROWSER](#)

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Summary

Inspired by woodworking item this box was created as CAD modeling self challenge and now shared with community.

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

Tags: [box](#) [storage](#) [rollingtop](#)

Remove MINI version until I print it and tune.

UPDATE 8/5

Reworked pins for better strength.

Updated files - Pin x3, Drawer (all versions) and Rolling Top.

Assembly is straight forward, easiest to assemble on one of the sides.

No gluing required, even though you may want to glue some parts - up to you.

IMPORTANT - All tolerances are very high to snap fit without glue! Printer must be properly calibrated for parts to fit.

Optionally you can print the drawer with 2 3 4 or 6 compartments.

For 2 compartments you need to print - 'Drawer - 2-4c' + 'Divider - 2-3c' + 'Drawer Front - 2-4c'

For 3 compartments you need to print - 'Drawer - 3-6c' + 'Divider - 2-3c' x2 + 'Drawer Front - 3-6c'

For 4 compartments you need to print - 'Drawer - 2-4c' + 'Divider - 4-6cv' + 'Divider - 4ch' 'Drawer Front - 2-4c'


For 6 compartments you need to print - 'Drawer - 3-6c' + 'Drawer Front - 3-6c' + 'Divider - 4-6cv x2' + 'Divider - 6cv'


Another option dividing top part to 2 compartments.

For this you need to print alternative Shelf Divided and Top Shelf Divider.

PLEASE REPORT ANY ISSUE DURING PRINTING OR ASSEMBLY I WILL BE GLAD TO HELP!

Model files

 **210mm Box Main Files** 8 files

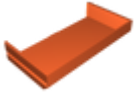
	drawer-front.stl
	left.stl
	right.stl



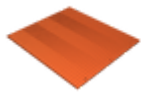
back.stl



shelf.stl



drawer.stl



rolling-top.stl



pin-x-3.stl



210mm Box Optional drawer with compartments

8 files






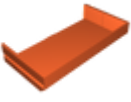
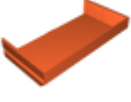
drawer-front-2-4c.stl





drawer-front-3-6c.stl



divider-4-6cv.stl

	divider-2-3c.stl
	divider-4ch.stl
	divider-6cv.stl
	drawer-2-4c.stl
	drawer-3-6c.stl

 210mm Box Optional top shelf divided 2 files	
	shelf-divided.stl
	top-shelf-divider.stl

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