

Cotton Swab Dispenser with Lid



R3D

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Summary

Easy Print. No Supports. Holds up to 120 Q-Tips

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This sleek yet simple Dispenser keeps your Cotton-Swab's clean and ready for use.

Rather simplistic on the outside, the internal geometry provides proper swap-feeding.

Please keep in mind, that the swabs have to be pushed down a little by hand through the slot for feeding the bottom tray. It was constructed sufficiently wide for this.

Printing Recommendations:

PLA, 0.2 mm layer height, no supports needed, 15 % infill, 3 perimeters.

Tip: Rotate the dispenser to its normal upright position and it prints without supports!

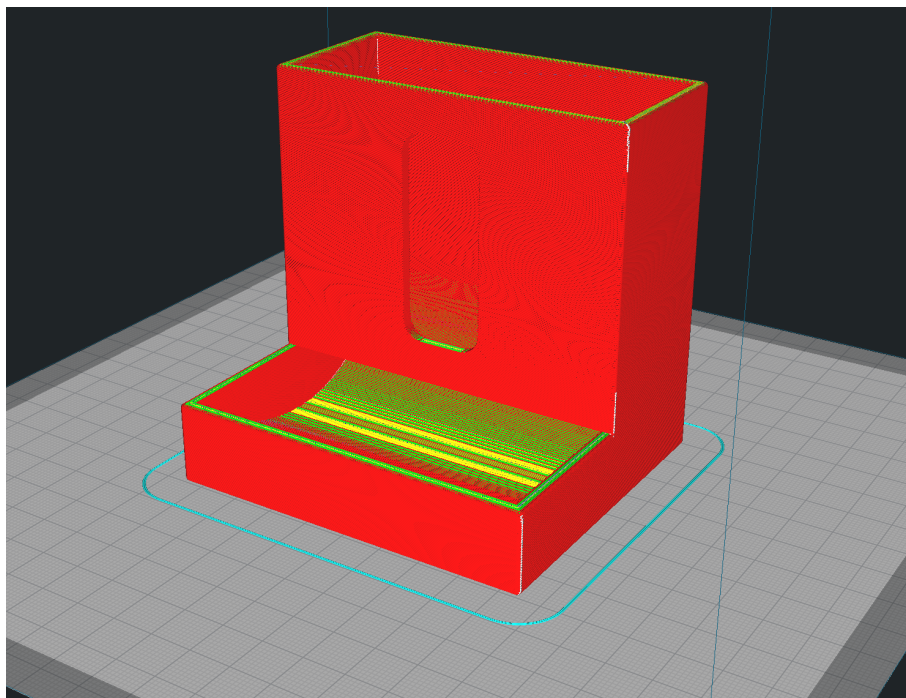
Please see explanation below.

Tip: Should the swabs get stuck or tangled and not refeed the tray, just slightly push them down with a finger through the slot.

Update 07.09.2022:

Due to a much appreciated question here's a little update regarding print orientation:

Picture below shows the correct print orientation. The bottom part of the slotted wall will be printed as an overhang and will most likely sag down a little. This should not affect functionality at all and extends depending on how well your machine is tuned and how much part cooling it can provide. Please check comment section for more details.



Hope you enjoy using this handy gadget as much as I do.

Happy printing!

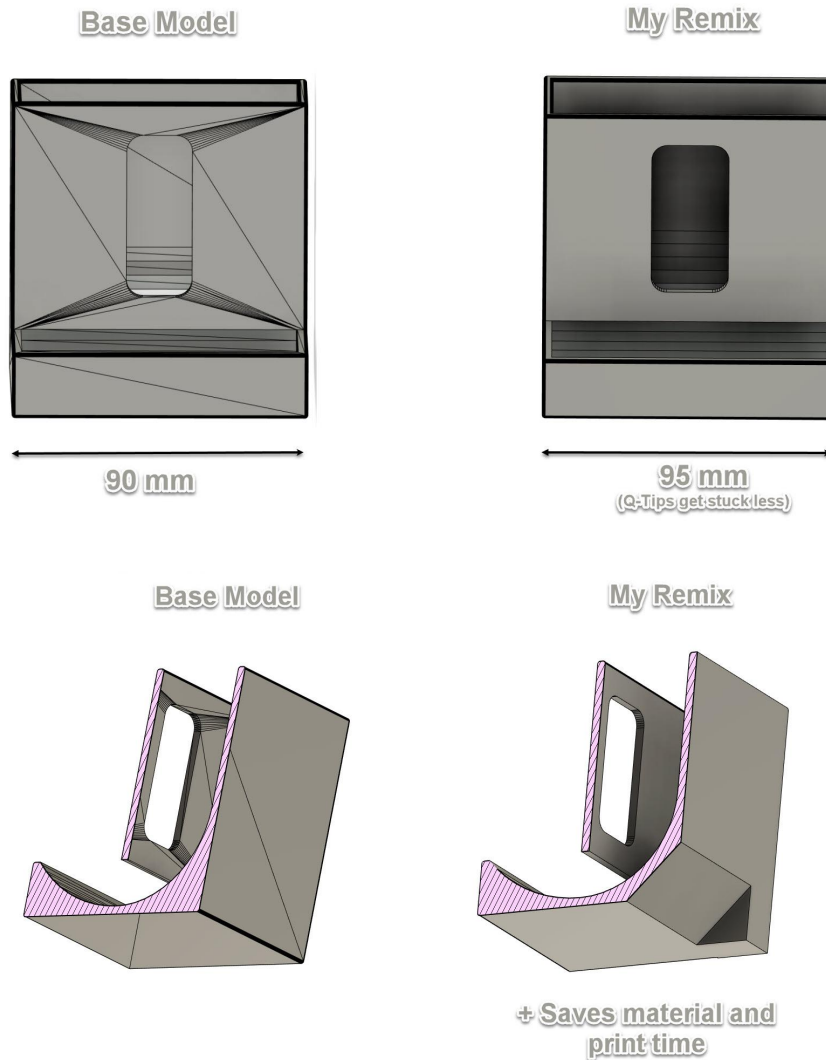
Changelog / Remix Documentation

I remixed the base model and changed multiple sections.

For example I increased the overall-width by 5mm to prevent swabs from getting stuck.

Additionally I increased the width of the slot to make pushing them down even more convenient.

Also I created a recess at the back to save both, printing time and material used without compromising on stability, maintaining a stable stand.



This remix is based on



Q-Tip (cotton swab) dispenser
by viniciusfelipe

Model files



q-tip-dispenser-lid-remix-by-r3d.stl



q-tip-dispenser-remix-by-r3d.stl

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