

Gridfinity X-acto knife holder

 **hFlash**

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Summary

1x2 gridfinity X-acto knife holder with storage for different blade refills and with optional magnets

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Tags: [organizer](#) [blade](#) [knife](#) [knifeholder](#) [xacto](#) [xactoknife](#) [gridfinity](#)

If you only use the #11 blades I'd suggest printing something like [kaspertulstrup's](https://than.gs/m/67913) design (<https://than.gs/m/67913>) which actually inspired this design.

My design features

- holder for the x-acto #1 knife that allows for easy grabification™,
- 5 compartments to fit different sets of fresh refill blades,
- an extra vertical display spot for current used blades,
- slots for magnets to make the blade storage a little safer and more convenient.

Model variants

Provided are different options with or without magnet slots and without the display spot - the magnet-less display spot can be fitted with a magnetic strip like in the showcased photo.

The compartments are designed to fit some arbitrary assortment of blades (pointier, narrower, wider, flatter, etc.) - if you have a specific set of blades you use it should be easy to remix the design and alter the compartments to be more specific to your needs.

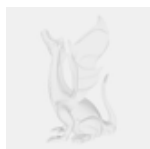
In case you want a certain combination of features or some simple alteration that is not in the uploaded models and you are unable to work with the Fusion 360 project yourself, leave a comment with the request and I'll see what I can do :)

Difference from the photos

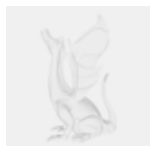
After printing the model myself (shown in the photos) I have made few tweaks to the models. The refill compartments are shifted back to eliminate blades sticking out past the 1x2 footprint, altered the front right compartment to fit #11 blades better. The handle is at a 60° angle and still sticks out past the 1x2 footprint but I don't find it to be an issue since it is so high.

(Designed based on **Zack Freedman's** [template](#) for [Gridfinity](#) blocks)
(Note that the holes on the bottom don't have the hole for screws to go in instead of magnets)

This remix is based on

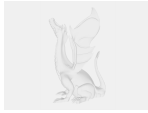


Fusion



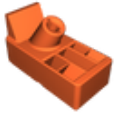
Gridfinity :: Unofficial wiki

Model files



gridfinite-xacto-block-project.f3d

☐ A bit quick and dirty Fusion 360 project - feel free to tweak parameters/dimensions or remix



xacto-knife-holder.stl

☐ As seen in photo (with few parameter tweaks), includes all the features



xacto-knife-holder-display-with-magnet-slots.stl

☐ As the full version with the addition of 4 round magnet slots for the display



xacto-knife-holder-no-magnet-slots.stl

☐ Version with no magnet slots in the display or in the refill compartments



xacto-knife-holder-no-display.stl

☐ The holder is shifted towards the back and the length of refill compartments is larger by 3mm



xacto-knife-holder-no-display-no-magnet-slots.stl

☐ Like "xacto-knife-holder-no-display" but without the magnet slots in the refill compartments

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