



# MK4 Nextruder Extruder Hard Case - No Socks (4x)



BuildX

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## Summary

The extruder assembly and cables for the Nextruder can easily be damaged and deserves to be protected in a hard case.

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\*\*\* Thanks for checking out this model! \*\*\*

If you appreciate what I'm doing, please consider [buying me a coffee](#), and check out [my other models](#)!

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To take advantage of the quick swap features of the MK4 printers, they need to be pre-assembled with different extruder types and diameters (example: hardened steel, 0.6mm diameter). Then all you have to do is disconnect 2 cables and loosen 2 thumb screws to pull and swap to an alternate extruder.

Here's a hard case that can store up to 4 extruder assemblies, at the ready for the next swap.

**[Updated, Aug 15, 2023]:** uploaded .stl files with no adhesion helpers.

**The pic below shows (with no silicone socks):**

1. 1x 0.6mm diameter brass nozzle
2. 1x 0.4mm diameter Nozzle X hardened steel nozzle with V6 nozzle adapter
3. 1x 0.6mm diameter Nozzle X hardened steel nozzle with V6 nozzle adapter



### Features:

1. The lid has a solid-feeling snap together clasp.
2. Each extruder pocket has a clasp to securely retain the stem from accidentally falling out.
3. Printed text to indicate how to remove each assembly from the case that reads: "<< LIFT HERE"

**You can find my other Hard Case versions here:**

1. [MK4 Nextruder Extruder - with Socks Hard Case \(2x\)](#)
2. [MK4 Nextruder Extruder - with Socks Hard Case \(4x\)](#)
3. [MK4 Nextruder Extruder - no Socks Hard Case \(2x\)](#)

### Recommendations:

1. This is a great model for PLA.
2. Print with 2 perimeters, 15% infill (I used triangular)

**Note:** tested with 0.4mm nozzle.**Features:**

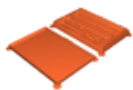
3. The lid has a solid-feeling snap together clasp.
4. Each extruder pocket has a clasp to securely retain the stem from accidentally falling out.
5. Printed text to indicate how to remove each assembly from the case that reads: "<< LIFT HERE"
6. A 3-4mm brim is recommended along with ~15mm adhesion helpers at the corners to prevent the corners from lifting up. I also recommend a 4mm brim. See the .3mf file attached.
7. Printed in Prusament Galaxy Black PLA.

If you add this to your collection and/or download the model, please click the **LIKE** button and give it some **STARS**!

**Remember**, you can earn some Prusameters if you post a pic of your make! Plus, it would make my day to see it. ;-D

**Happy Printing!**

## Model files



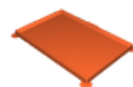
### hard-case-extruder-4x-no-socks.3mf

☐ add 4mm brim too!



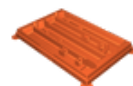
### hard-case-both-mk4-extruder-no-socks-4x-no-helpers.3mf

☐ no corner adhesion helpers, 4mm brim recommended



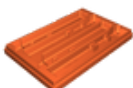
### hard-case-extruder-lid-4x-no-socks.stl

☐ add 4mm brim too



### hard-case-extruder-4x-no-socks.stl

☐ add 4mm brim too



### hard-case-bottom-mk4-extruder-no-socks-4x-no-helper... .stl

☐ no corner adhesion helpers, 4mm brim recommended



## hard-case-lid-mk4-extruder-no-socks-4x-no-helper.stl

☐ no corner adhesion helpers, 4mm brim recommended

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