Pod Drawer for Nespresso Inissia

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VIEW IN BROWSER

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Summary

Unobtrusive drawer for Nespresso Inissia that holds 12 coffee pods and elevates the machine to allow for larger mugs.

Household > Kitchen

Tags: storage coffee nespresso pods inissia

This drawer fits underneath a Nespresso Inissia machine, specifically the one made by DeLonghi (once upon a time sold at Costco). It may also fit under the other Nespresso Inissia (such as the ones made by Breville or Krups) machines, but I can't guarantee it.

The drawer holds 12 coffee pods and does not add to the footprint on your countertop.

It elevates the machine up by a few inches, allowing you to use taller-than-usual mugs than before. I know this is totally butchers the espresso coffee experience, but please let a girl drink her coffee in the car in peace :)

Printing Notes:

- The “top” and “frame” components are load-bearing. I recommend printing in PETG. PLA may deform under the continuous load over the years, and may also deform if hot coffee spills for whatever reason.

The tendency of ABS to “elephant's foot” may make it difficult to join the “top” and “frame” components.
- The “top” should be printed in as many solid monotonic layers as possible. Increasing perimeters likely won't help increase strength.
- The “frame” should be printed with increased perimeter count. 3-4 is probably good if you use a 0.4mm nozzle. 2 on a 0.6mm nozzle is probably good.
- The “drawer” can be printed as fast as you'd like. It's not critical.
- No supports necessary, just print the 3 components separately, with their largest flat surfaces on the build plate.

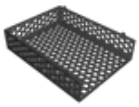
Assembly Notes:

- The “top” and “frame” do not have to be glued together, but you can if you'd like. It may help prevent the “frame” from splaying out where it connects to the “top.”

STEP file included!

Model files

nespresso-pod-drawer-assembly.step

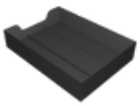


frame.3mf

This is load bearing. Increase perimeters if your extrusion width is narrow.

top.3mf

Print this with as many solid layers as possible! It is load bearing.



drawer.3mf

This can be printed as fast as you'd like.

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