



Munchkin Box Insert - Optimized for Small Printers



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updated 7. 1. 2024 | published 7. 1. 2024

Summary

A box insert for the game “Munchkin” that fits onto small print beds because it is split into two parts.



7.58 hrs



2 pcs



0.20 mm



0.40 mm



PET



140 g



Prusa MINI /
MINI+

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Munchkin Box Insert: Optimized for Small Printers

I wanted to play around with Tinkercad and I made a box insert for the game “Munchkin”. This fits the box of German “Munchkin 1+2” (I do not know whether other boxes share those dimensions or not.)

There is also a small space (8 mm wide) to fit additional cards or small counters.

In contrast to other inserts, I had three design goals:

- **Small printers:** optimized for small printers (like the Prusa Mini) because splitting existing models often results in very thin walls.
- **Stability:** so that you can take the insert out of the box regularly to play and use it as a cardholder in the game.
- **Easy access to the first card of every pile:** I would rather not have a rim around the first cards of a stack, to have easy access to them without lifting the insert.

Printing

I've printed my copy using Prusament Recycled PETG using 0.2 mm layer height and 3 perimeters. No brim or supports are needed.

Ideas for Improvement

- There is no dedicated spot for the D6 die
- The small “buffer” space of 8 mm could be wider
- ... ?

The source Tinkercad project can be found here If you want to play around with it and improve it: <https://www.tinkercad.com/things/jHG0fbKLt8c-munchkin-insert>

Model files



munchkin-insert-a.stl

📄 left side



munchkin-insert-b.stl

📄 right side

Print files



munchkin-insert-a_04n_02mm_petg_miniis_3h47m.bgcode

⚙ PET ⚙ 0.40 mm ≡ 0.20 mm ⌚ 3.78 hrs ⚖ 70 g 🖨 Prusa MINI / MINI+

📄 left side



munchkin-insert-b_04n_02mm_petg_miniis_3h48m.bgcode

⚙ PET ⚙ 0.40 mm ≡ 0.20 mm ⌚ 3.80 hrs ⚖ 70 g 🖨 Prusa MINI / MINI+

📄 right side

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