



The Green Stone Puzzle



Extrutim

[VIEW IN BROWSER](#)

updated 14. 10. 2023 | published 14. 10. 2023

Summary

The goal of the puzzle is to stow the green stone with the other stones in the box.



18.48 hrs



4 pcs



0.15 mm
0.20 mm



0.40 mm



PLA



230 g



Prusa
MK3/S/S+

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Tags: [the](#) [box](#) [3d](#) [puzzle](#) [brain](#) [christmas](#) [present](#)
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[3dc](#) [riddlebox](#) [extrutim](#)

Before you read any further, take a look at the new version of this puzzle: printables.com/model/72524

The goal of the puzzle is to stow the green stone with the other stones in the box. I have always made small improvements to this game, optimized the design, printed many different lids and kept developing it. Now I can present the second version of this game.

The first time it took me a lot of time to solve the puzzle and many asked me whether this is even possible. Yes, it is! There is a way to get all the stones in the box. If you don't succeed after a long time, I can give you a little hint on request. In times like these, you will definitely have enough time at home to solve the puzzle. ;)

The green stone can be held in the lid with a magnet. I have uploaded different versions as an .stl file, with and without magnet a test print is also available.

ATTENTION: There are two different lid sizes. A very tight one, which slips in with a well-set printer (and maybe a little sanding for perfect tight fit) and a version with a little more space. Print the test print beforehand to see which version suits you better.

A magnet with the dimensions Ø15x2mm fits into the hole in the lid and in the green stone (**Edit:** I added a tight lid for a 15x3mm Magnet). To insert the magnet, insert a print pause (filament change in Prusaslicer).

Attention: Depending on the printer and print bed, the magnet may stick to the hotend! Glue the magnet in place with some hot glue. Thanks to the steel sheet of the Prusa printer, the magnet sticks to the print bed and it works perfectly without glue. Pay attention to the correct polarity of the two magnets in the lid and in the stone!

I would be very happy about a like or a rating if you like my project! Also take a look at [my other designs](#)!

Make sure to follow me on [Twitter](#)! ;-)

First Version: <https://www.prusaprinters.org/de/prints/15749>

Print instructions

Easy to print.

I prefer 0,15mm Layerheight, 10-15% Infil.

No supports needed.

Model files



boxv2.stl



testprint.stl



stones_1.stl



stones_2.stl



thestone_magnet.stl



thestone.stl



lid_magnet_tight.stl



lid_tight.stl



lid_magnet_loose.stl



lid_loose.stl



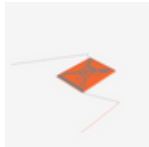
lid_3mmmagnet_tight.stl

Print files



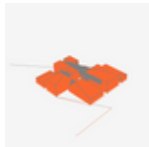
thestone_015mm_pla_mk3s_37m.gcode

🌀 PLA 📏 0.40 mm 📐 0.15 mm ⌚ 0.61 hrs ⚖️ 5 g 🖨️ Prusa MK3/S/S+



lid_loose_015mm_pla_mk3s_2h25m.gcode

🌀 PLA 📏 0.40 mm 📐 0.15 mm ⌚ 2.41 hrs ⚖️ 29 g 🖨️ Prusa MK3/S/S+



stones_015mm_pla_mk3s_7h49m.gcode

🌀 PLA 📏 0.40 mm 📐 0.15 mm ⌚ 7.81 hrs ⚖️ 104 g 🖨️ Prusa MK3/S/S+



boxv2_02mm_pla_mk3s_7h39m.gcode

🌀 PLA 📏 0.40 mm 📐 0.20 mm ⌚ 7.65 hrs ⚖️ 91 g 🖨️ Prusa MK3/S/S+

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