



Print in Place Sliding Number Puzzle



VIEW IN BROWSER

updated 16. 1. 2022 | published 23. 12. 2021

Summary

These are my 3d printed version of the classic sliding 15 puzzle. (Check description for updated model!)



N/A



3 pcs



0.15 mm



0.40 mm



PLA



N/A



Prusa
MK3/S/S+

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Tags: [toy](#) [puzzle](#) [printinplace](#) [15](#) [sliding](#) [classic](#)
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UPDATED: see the new and improved print here: <https://www.prusaprinters.org/prints/103948-sliding-number-puzzles-print-in-place-15-puzzle>

These are my 3d printed version of the classic sliding 15 puzzle. I've also included a 3x3 8 piece and 5x5 24 piece puzzle.

These print in place, so It requires a pretty accurate printer. The .stls here have a 0.22 mm tolerance which is what worked for my Prusa MK3S, but

you can change this in the fusion files I've also included. Just go to modify > change parameters > and edit the tolerance value.

You'll also notice that you can use the parameters to edit the size and number of pieces if you wish to experiment with those. Just keep in mind you'll probably have to redo the text for the numbers.

Print instructions

Print at a finer layer height for smooth movement. Otherwise use what works well for you!

Model files



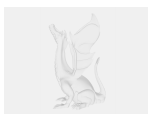
8-puzzle.stl



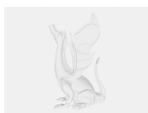
15-puzzle.stl



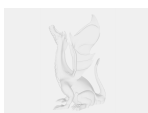
24-puzzle.stl



8-puzzle.f3d



15-puzzle.f3d



24-puzzle.f3d



8-puzzle.3mf



15-puzzle.3mf



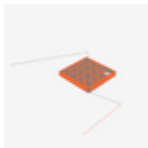
24-puzzle.3mf

Print files



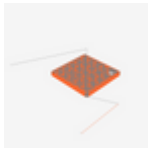
8-puzzle_015mm_pla_mk3s_4h20m.gcode

PLA 0.40 mm 0.15 mm 4.33 hrs 32 g Prusa MK3/S/S+



15-puzzle_015mm_pla_mk3s_7h24m.gcode

PLA 0.40 mm 0.15 mm 7.39 hrs 55 g Prusa MK3/S/S+



24-puzzle_015mm_pla_mk3s_11h23m.gcode

PLA 0.40 mm 0.15 mm 11.39 hrs 84 g Prusa MK3/S/S+

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