



Hexagon Puzzle



BTR3D

[VIEW IN BROWSER](#)

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Summary

A fun and challenging puzzle. It is not easy as seen.



8.81 hrs



17 pcs



0.20 mm



0.40 mm



PLA



107 g



Prusa MINI /
MINI+

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Tags: [hexagon](#) [puzzle](#) [brainteaser](#)

A fun and challenging puzzle. It is not easy as seen. There are a few ways the solve this. Even if you try to keep the solution in mind, you will not succeed. That's why I'm adding the solution below :) Also, you can print the solution guide.

All the pieces fit together perfectly. If the parts force each other, check your bed setting.

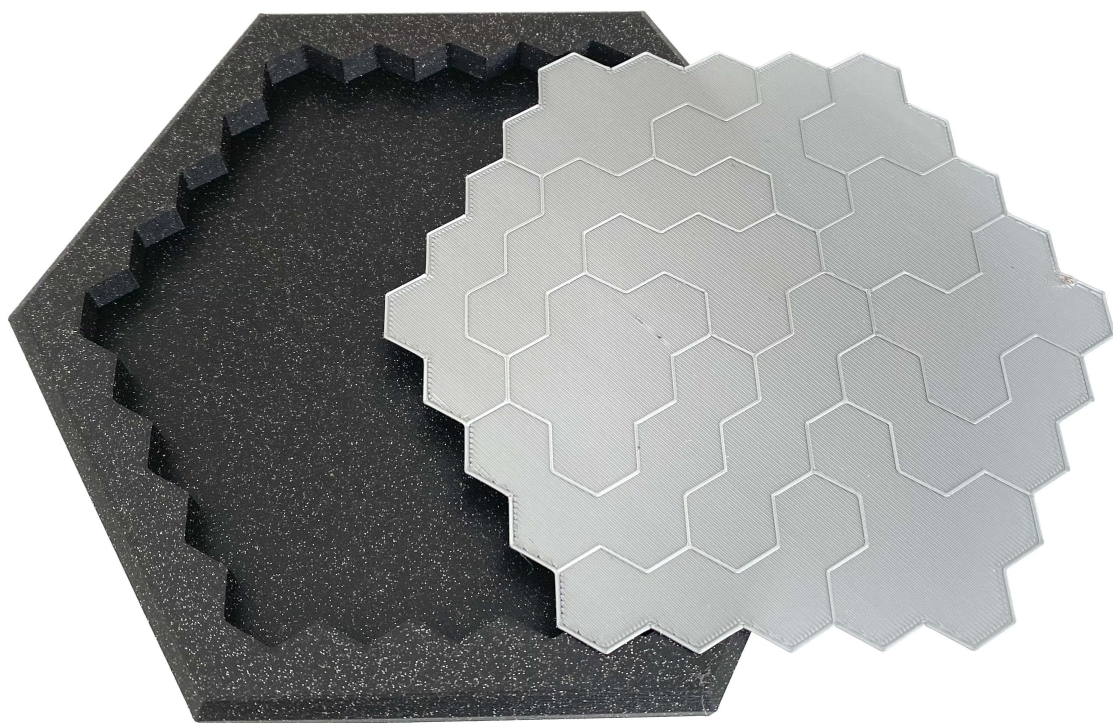
You can print the parts one by one in different colors or all of them in one color. All STL files added.

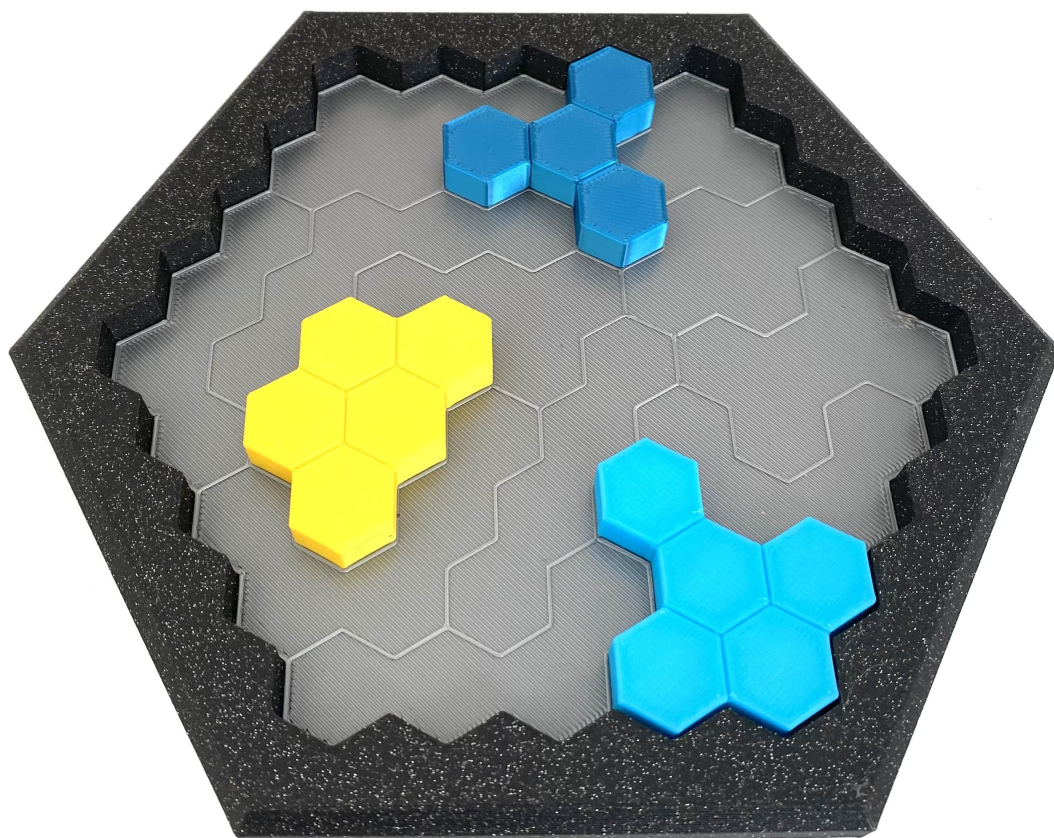
If you like my design, please write a comment and share your print with everyone :)

Print Settings

- **Rafts:** No
- **Supports:** No
- **Resolution:** 0.2

Puzzle Guide:







Solution:



Model files



puzzle_all_pieces.stl



puzzle_base.stl



puzzle_guide.stl



puzzle_p1.stl



puzzle_p2.stl



puzzle_p3.stl



puzzle_p4.stl



puzzle_p5.stl



puzzle_p6.stl



puzzle_p7.stl



puzzle_p8.stl



puzzle_p9.stl



puzzle_p10.stl



puzzle_p11.stl



puzzle_p12.stl

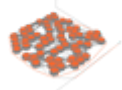


puzzle_p13.stl



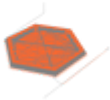
puzzle_p14.stl

Print files



puzzle_all_pieces_02mm_pla_mini_4h59m.gcode

🌀 PLA 🌀 0.40 mm 📏 0.20 mm ⌚ 4.99 hrs ⚖️ 57 g 🖨️ Prusa MINI / MINI+



puzzle_base_02mm_pla_mini_3h29m.gcode

🌀 PLA 🌀 0.40 mm 📏 0.20 mm ⌚ 3.48 hrs ⚖️ 47 g 🖨️ Prusa MINI / MINI+



puzzle_guide_02mm_pla_mini_44m.gcode

🌀 PLA 🌀 0.40 mm 📏 0.20 mm ⌚ 0.73 hrs ⚖️ 6 g 🖨️ Prusa MINI / MINI+



puzzle_p1_02mm_pla_mini_20m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.20 mm ⌚ 0.34 hrs ⚖️ 3 g 🖨️ Prusa MINI / MINI+



puzzle_p2_02mm_pla_mini_25m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.20 mm ⌚ 0.42 hrs ⚖️ 4 g 🖨️ Prusa MINI / MINI+



puzzle_p3_02mm_pla_mini_20m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.20 mm ⌚ 0.34 hrs ⚖️ 3 g 🖨️ Prusa MINI / MINI+



puzzle_p4_02mm_pla_mini_20m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.20 mm ⌚ 0.33 hrs ⚖️ 3 g 🖨️ Prusa MINI / MINI+



puzzle_p5_02mm_pla_mini_25m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.20 mm ⌚ 0.42 hrs ⚖️ 4 g 🖨️ Prusa MINI / MINI+



puzzle_p6_02mm_pla_mini_25m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.20 mm ⌚ 0.42 hrs ⚖️ 4 g 🖨️ Prusa MINI / MINI+



puzzle_p7_02mm_pla_mini_24m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.20 mm ⌚ 0.40 hrs ⚖️ 4 g 🖨️ Prusa MINI / MINI+



puzzle_p8_02mm_pla_mini_21m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.20 mm ⌚ 0.34 hrs ⚖️ 3 g 🖨️ Prusa MINI / MINI+



puzzle_p9_02mm_pla_mini_20m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.20 mm ⌚ 0.34 hrs ⚖️ 3 g 🖨️ Prusa MINI / MINI+



puzzle_p10_02mm_pla_mini_24m.gcode

PLA 0.40 mm 0.20 mm 0.40 hrs 4 g Prusa MINI / MINI+



puzzle_p11_02mm_pla_mini_16m.gcode

PLA 0.40 mm 0.20 mm 0.27 hrs 2 g Prusa MINI / MINI+



puzzle_p12_02mm_pla_mini_25m.gcode

PLA 0.40 mm 0.20 mm 0.42 hrs 4 g Prusa MINI / MINI+



puzzle_p13_02mm_pla_mini_20m.gcode

PLA 0.40 mm 0.20 mm 0.34 hrs 3 g Prusa MINI / MINI+



puzzle_p14_02mm_pla_mini_21m.gcode

PLA 0.40 mm 0.20 mm 0.34 hrs 3 g Prusa MINI / MINI+

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