

Magnetic Roman Game (Rota)

 **Dennis**

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Summary

Ancient Roman Game with print-in-place magnet slots, no glue or screws. Travel Sized! With changeable message text.



1.99 hrs



1 pcs



0.20 mm



0.40 mm



PLA



27 g



Prusa MINI /
MINI+

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Tags: [game](#) [magnet](#) [roman](#) [rota](#)

Traditional Rules:

- With each turn, players can put one piece on the board in any open spot.
- After all three pieces are on the board, a player must move one piece each turn.
- A piece may move along any line or curving edge of the circle to the next empty spot.
- A piece may not jump other pieces nor move more than one spot.
- The first person to get three in a row wins.*

*Decide whether three in a row have to be on a straight line or along the outer edge as well.

ExtraFun Different Rules:

The specific pattern that players are trying to create is called the "Rota." The Rota is a specific arrangement of game pieces on the game board that includes a certain number of game pieces of each player's color. The Rota pattern is pre-determined and can vary depending on the specific version of the game being played. Take turns after all pieces are placed to move one at a time.

Once a player has formed the Rota pattern on the game board, they win the game!

Printing instructions:

Print 3 game pieces in each color (total 6). And 1 Board.

Slots are built for 6mm x 2mm circular magnets.

Print in 0.2 layer height

Pause the print right about layer 22-23 to place magnets in for the board. Pause at layer 20-21 for the pieces.

Make sure to check that the polarity is the same on all pieces.

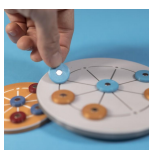
For a nice color pop, change color right at the indent, from layer 28 to 30.

Other info:

To change the text, use the Fusion 360 file or step file.

Print RotaEmpty for no text on the bottom. The other files have a default message.

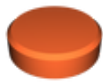
This remix is based on



3D Printable Rota // Roman Board Game

by Devin Montes

Model files



gamepiece.stl



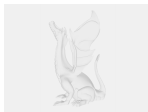
rotaempty.3mf



rotadefault.3mf



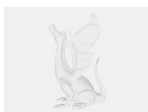
rotaempty.stl



rotadefault.f3z



gamepiece.3mf



rotadefault.step

Print files



rotaempty_02mm_pla_mini_1h59m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.20 mm ⌚ 1.99 hrs ⚖️ 27 g 🖨️ Prusa MINI / MINI+

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