



Pin Art Board (Super Fine)

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Summary

Pin Art Board with extreme detail (for a pin art board).

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This is my take on the classic pin art board. I wasn't happy with the detail the normal ones provided so I designed my own super fine detail version with 3,600 pins.

The pin area is roughly 13cm x 7cm, boards area a little larger to accomodate the standoff spacer pins.

Pins should be printed in a low-friction and stiff material. Not recommended for filament printers. This was done on a Mars 3 resin printer. Not even sure I'd try this on a resin printer with under 4k resolution honestly but ymmv.

Warning: If you hate yourself enough to print this prepare to spend hours inserting pins. Even though the models line up so they should just drop in, in practice my printer wasn't able to produce something that perfect.

Model files



pinmesh.stl

☐ Two of these if you'd like to hold the pins stable (recommended).



pins.stl

☐ All 3,600 pins. Careful, they're fragile.



spacer1.stl

☐ I used dtwo of these to help fight warping of the PinMesh's. Not strictly necessary.



rodsupport.stl

☐ I used 4 of these for corner spacers. Press fit and superglued in. Scale to desired spacing.

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