



# Hilbert space-filling curve coaster



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updated 9. 8. 2022 | published 9. 8. 2022

## Summary

A parametric drink coaster based off the Hilbert space-filling curve.

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Tags: [coaster](#) [hilbert](#) [hilbertcurve](#) [math](#) [openscad](#)  
[parametric](#) [recursive](#)

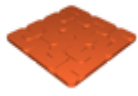
This design is for a drink coaster, based off the Hilbert space-filling curve. I have included a few pre-rendered high resolution models, as examples. Or if you just don't have OpenSCAD installed.

## Model files



**hilbertcoaster-order2-100x100x5-90.stl**

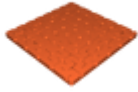
📄 Second order hilbert curve, 100x100x5mm, 90% filled



### hilbertcoaster-order3-100x100x5-90.stl

📄 Third order hilbert curve, 100x100x5mm, 90% filled

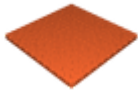
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### hilbertcoaster-order4-100x100x5-90.stl

📄 Fourth order hilbert curve, 100x100x5mm, 90% filled

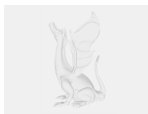
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### hilbertcoaster-order5-100x100x5-90.stl

📄 Fifth order hilbert curve, 100x100x5mm, 90% filled

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### hilbertcoaster-v2.scad

📄 Source file (fixed version)

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