



Minimal Cup Coasters



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Summary

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 **Geometric Coaster Set for 3D Printing - The Perfect Free Project!** 



Short Description:

Bring life to your table with this unique set of 9 geometric drink coasters! Each coaster features a distinct, intricate open-work pattern—ranging from classic honeycomb (hexagons) to complex Aztec and optical illusion designs. This is the ideal 3D printing project that blends functionality with a modern, elegant aesthetic. Perfect as a gift or a stylish addition to your own home décor!

Project Features:

Number of Models: 9 different designs (6 hexagonal, 3 circular).

Dimensions (Approximate):

Hexagons: approx. 100 mm at the widest point

Circles: approx. 100 mm in diameter

Height: approx. 3-4 mm (ideal for a quick and material-efficient print)

Ease of Printing: The models are optimized for FDM printing without the need for supports.

Style: Minimalist, geometric, open-work – a perfect match for modern and industrial interiors.

Material: PLA or PETG is recommended. PLA is easier to print, while PETG offers better heat and water resistance.

Use: Excellent for protecting table surfaces from hot mugs and moisture.

3D Printing Tips:

Material: I recommend PETG for greater durability and heat resistance. If color and ease of printing are your priorities, use PLA.

Nozzle: Standard 0.4 mm.

Layer Height: 0.15 mm – 0.2 mm. A lower layer height will give smoother, more detailed patterns.

Infill: 100% (Solid) for maximum durability and weight, or 20% (Grid/Honeycomb pattern) – due to the design's structure, the infill percentage will not significantly impact print time.

Speed: Moderate speed will ensure the precision of the fine details.

Download and Print!



Buy me a coffee



-----<https://buymeacoffee.com/fluxstudio>-----

Feel free to download, print, and share your finished coasters! I would appreciate it if you tag me or share photos of your prints! Happy printing!

Model files



minimal-cup-coasters.3mf



minimal-cup-coasters-stl.stl

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