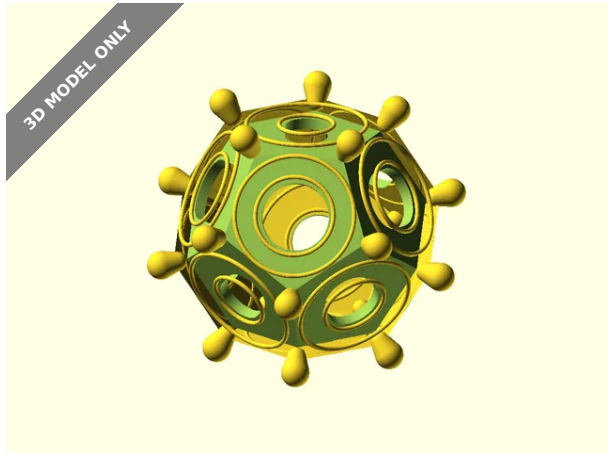




Roman Dodecahedron - OpenSCAD



3DMason

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updated 27. 10. 2026 | published 27. 10. 2026

Summary

A fully parametric OpenSCAD version of a Roman dodecahedron.

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A Roman Dodecahedron where you can independently change the following parameters directly in OpenSCAD:

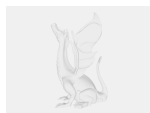
Parameter	Default
Body circumradius	43.5 mm
Wall thickness	3.5 mm
Hole diameters	13.5-21 mm
Outer decorative ring radius	19 mm

Vertex knob radius	4.5 mm
Knob extension	4 mm
Curved surface resolution	48 facets

The model includes twelve regular pentagonal faces, twelve openings of different sizes, raised circular mouldings, and twenty rounded vertex extensions.

Printing recommendation: Use 0.15–0.20 mm layers and organic supports for the lower openings and protruding knobs.

Model files



roman_dodecahedron_parametric.scad



roman_dodecahedron.stl

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