



BYOIC (Build Your Own Infinity Cube)

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updated 27. 3. 2022 | published 27. 3. 2022

Summary

Mix and match cubes and hinges to build your own infinity cube

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Mix and match holey and solid cubes to build your own infinity cube.

All components are from my previous [infinity cube model](#), with new compliant hinges to stick everything together.

To build it, select your size (20, 30 or 50mm) and print four left and four right cubes as well as eight hinges. The hinges pop into place and can be removed if necessary. Watch you get the cube orientations correct or your cubes won't spin – more of a finity cube as it were.

When slicing the holey cube, be aware that PrusaSlicer doesn't get the bridging orientation correct resulting in some cleanup after the print. If you're curious, there's a thread with pictures about it on [github](#).

This remix is based on



Bridges of Cubison County

by idlebear

Model files



soldicube-right-20mm.3mf



solidcube-left-20mm.3mf



holeycube-right-20mm.3mf



holeycube-left-20mm.3mf



solid-z-hinge-20mm.3mf



holey-z-hinge-20mm.3mf



soldicube-right-30mm.3mf



holeycube-left-30mm.3mf



solidcube-left-30mm.3mf



holeycube-right-30mm.3mf



solid-z-hinge-30mm.3mf



holey-z-hinge-30mm.3mf



solidcube-right-50mm.3mf



solidcube-left-50mm.3mf



holeycube-right-50mm.3mf



holeycube-left-50mm.3mf



solid-z-hinge-50mm.3mf



holey-z-hinge-50mm.3mf



cubes.f3d



cubes.step

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