



Yet another Poly Snaps



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Summary

For quite some time i was inspired by archimedic and solids and I created them in the past. But when I lately found...

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For quite some time i was inspired by archimedic and solids and I created them in the past. But when I lately found out, that Mathgrrl has snaps without axles, my fascination was revived. However her idea did not fully match my requirements, So i added few features:

- All the Hinges have sphere caps now , so the hinges auto-align
- The hignes can bend from -120 to 120 degrees, which allows to create small tetraeders up to very concave polyeders
- the hinge exactly sits at the virtual position of the polygon edge and is not offset by the hinge size. This allows assembly of big polyeders without tension
- The Hinges are quite opaque, which supports the impression of real polygons

Print in several Colors!

Category: Puzzles

Model files



tile_3.stl



tile_10.stl



tile_8.stl



tile_5.stl



tile_15.stl



tile_6.stl



tile_4.stl



tile_12.stl

[Find source .stl files on Thingiverse.com](https://www.thingiverse.com)

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