



## The Absurd Two-Planet Gear



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updated 13. 6. 2024 | published 13. 6. 2024

### Summary

A Print-in-Place planetary gear with only 2 planets and strange consequences

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A planetary gear with only 2 planets? Shouldn't that fall apart? The sun gear definitely can move sideways, but the assembly does not fall apart. This is indeed a strange thing - probably without any use other than being strange and thus somewhat interesting.

The hex holes fit typical hexagonal pencils.

Printing: The usual stuff works fine (0.4mm nozzle, 0.2mm layer height). I use random seams to avoid thick seam blobs though. There are two STLs with different tolerances (tol15 and tol19), the smaller one worked fine for me (Prusa Mini).

If you like gear fidget toys, try my [fidget gear ring](#) or my other [fidget models](#).

# Model files



**absurd-two-planet-gear-tol15.stl**



**absurd-two-planet-gear-tol19.stl**

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