



NEW!!! Toroidal Propeller Maker V2 (Fusion 360)

 grey

[VIEW IN BROWSER](#)

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Summary

Completely parametric Fusion 360 file for designing toroidal propellers quickly (for drones).

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Tags: [parametric](#) [drone](#) [propeller](#) [prop](#) [droneracing](#) [microdrone](#) [racingdrone](#) [fpvdrone](#) [parametricdesign](#) [racingdrones](#) [diydrone](#) [toroidal](#) [toroidalpropeller](#) [parametricpropeller](#)

[Parametric Fusion file for designing toroidal propellers (for drones)]

V2 AVAILABLE NOW!!!

Changes in V2:

- **Blade Count Parameter!** (Be careful with the count or else fusion might crash. DON'T TRY OVER 100!)
- **Parametric Fillets** to improve aerodynamics

I also added some **example STL-files** I made with the generator. They will fit "standard sized" 5mm motor shafts for FPV-Drones.

About toroidal propellers:

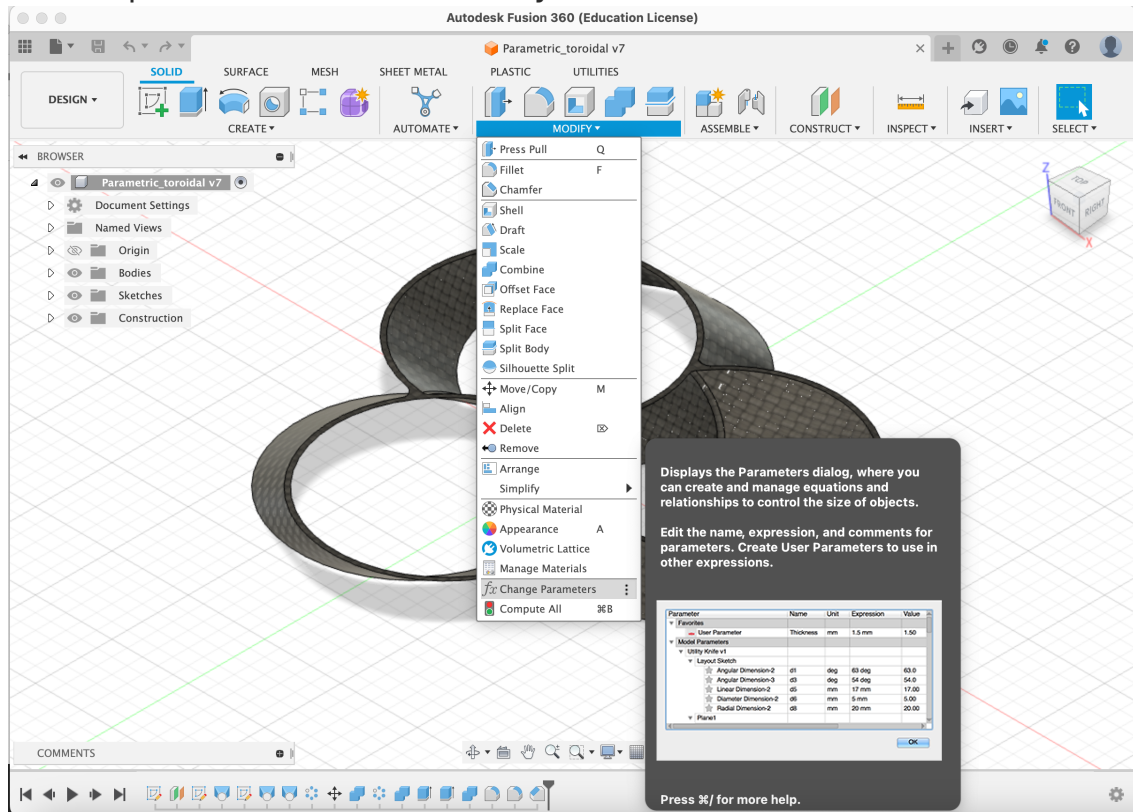
are quieter than regular props

can be adapted for many uses (i.e. RC boats, drones, RC planes,...)

About the file:

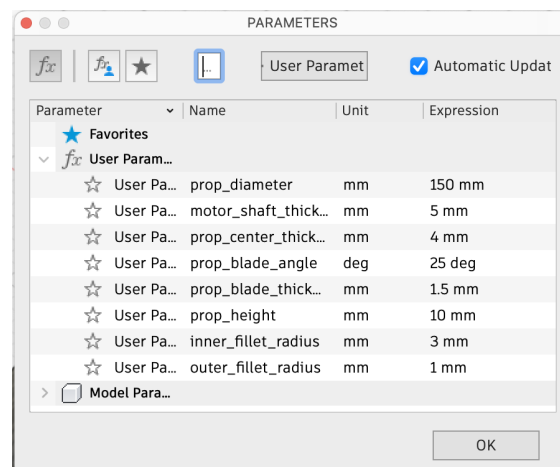
ONLY for Fusion 360!

1. Access parameters via the modify tab in Fusion 360:



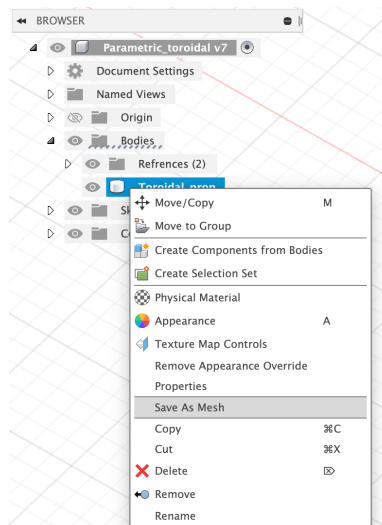
2. Parameters are named in a logical manner, (prop_diameter → Diameter of the entire propeller):

NOW IN V2: BLADE COUNT PARAMETER



→ watch the effects of parameter changes in real time in the viewer and adjust to your needs

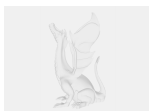
3. Export the propeller as .stl from Fusion 360:



4. Happy printing! ;)

But also like, this file has over 100 downloads and no makes, soooo... pls send some prints ;)

Model files



parametric_toroidal_v1.f3d



parametric_toroidal_v2.f3d

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