

# Sugar Jar Cap



*Version 2.0*

## **Project Goals**

Create a replacement cap for a sugar jar.

This is the version 2.0 that improve the first one adding rounded corners.

The original one has a very bad handling feeling.

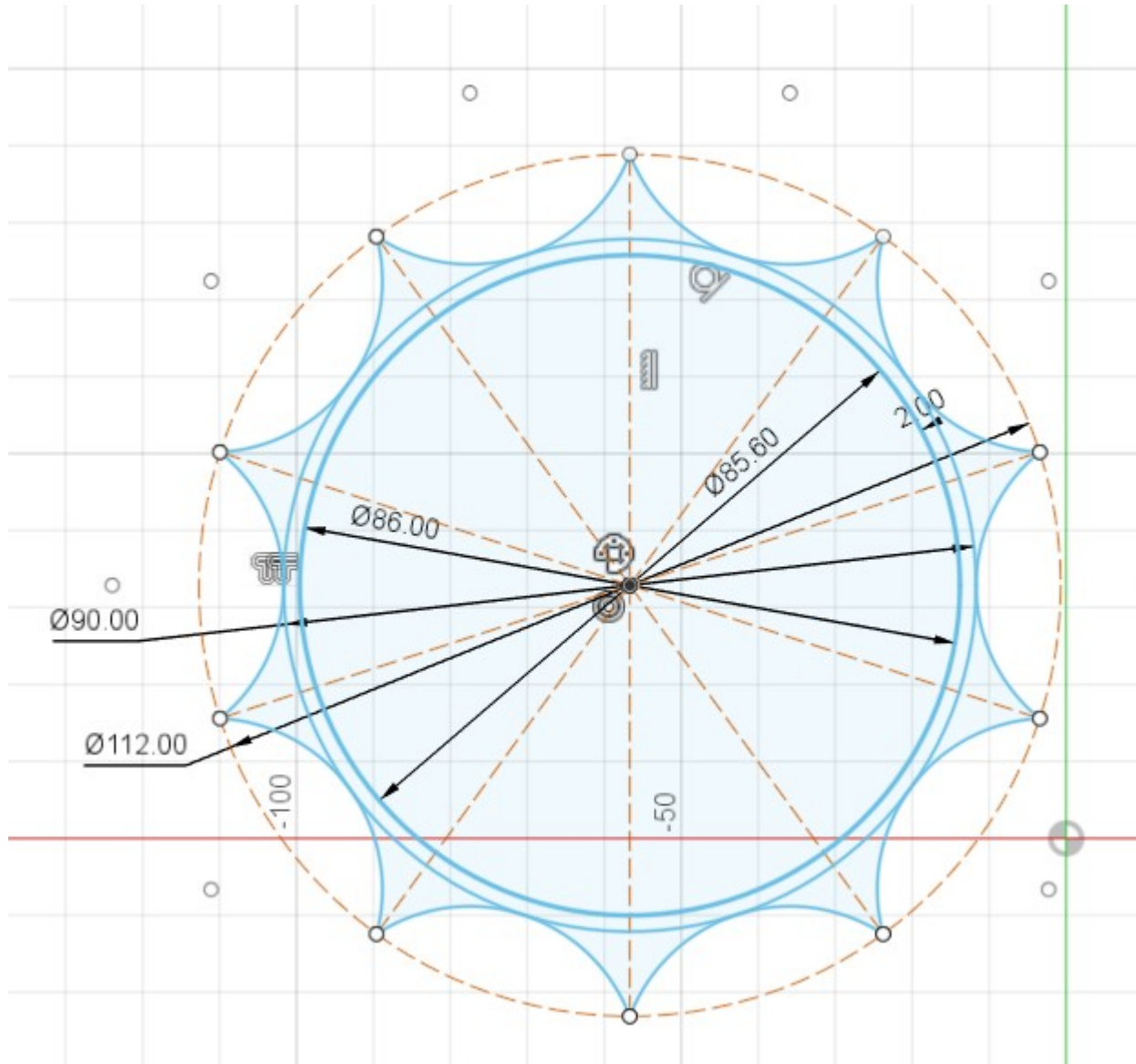
## Drawings

There is an internal dimension of 85,60 in the back and 86 mm in the top.

The 0.40 mm of step is used to improve the hold on the gasket.

The external grip is made using a circular sequence of 10 construction lines.

And the rounded grip is simple an arc from 3 points repetead circularly for 10 times.



## Extrusion

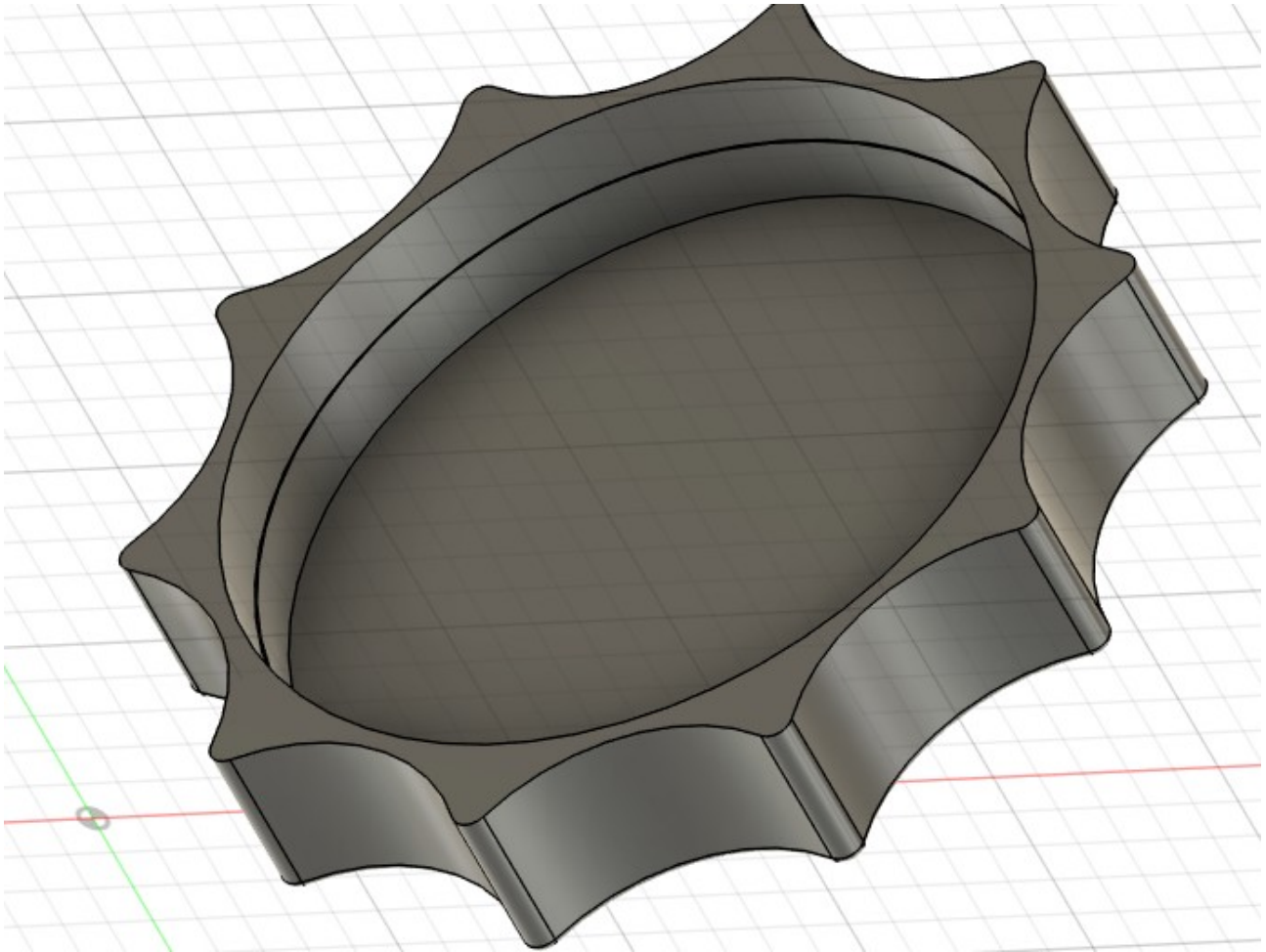
The back plane is just 2 mm

The main body is 19 mm

The middle size is just 10 mm

All edges are rounded with 2 mm radius

The upper profile is just 1 mm radius rounded



**Final Result**

