

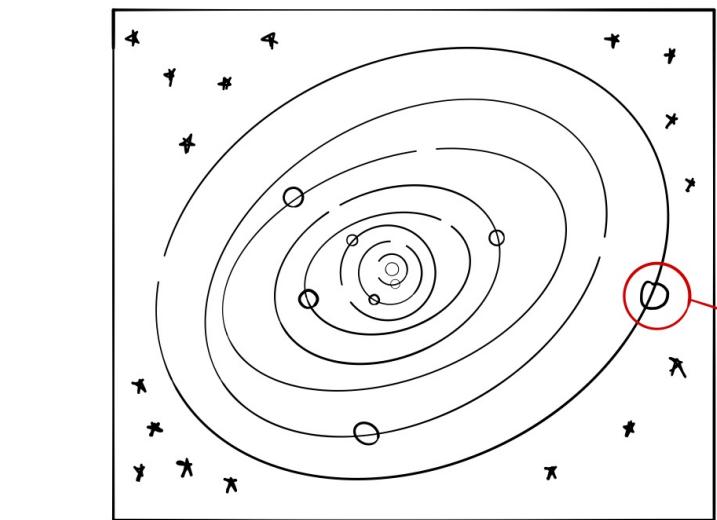
# MAZE CAD

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OCTOBER 6

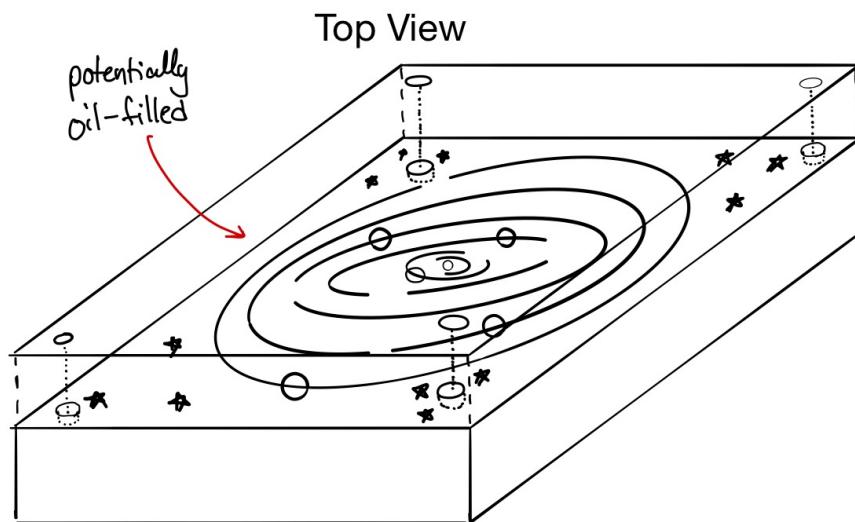
# Final Design Idea



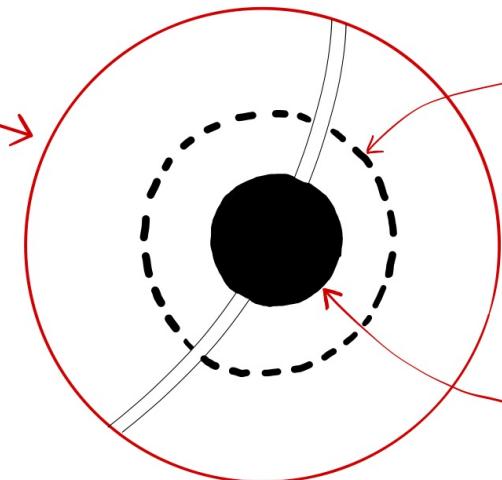
Cross Section View



Donation wishing well



Isometric View



gravitational field  
of planet influences  
orbit of ball

Planet made as  
a crevice to trap  
ball

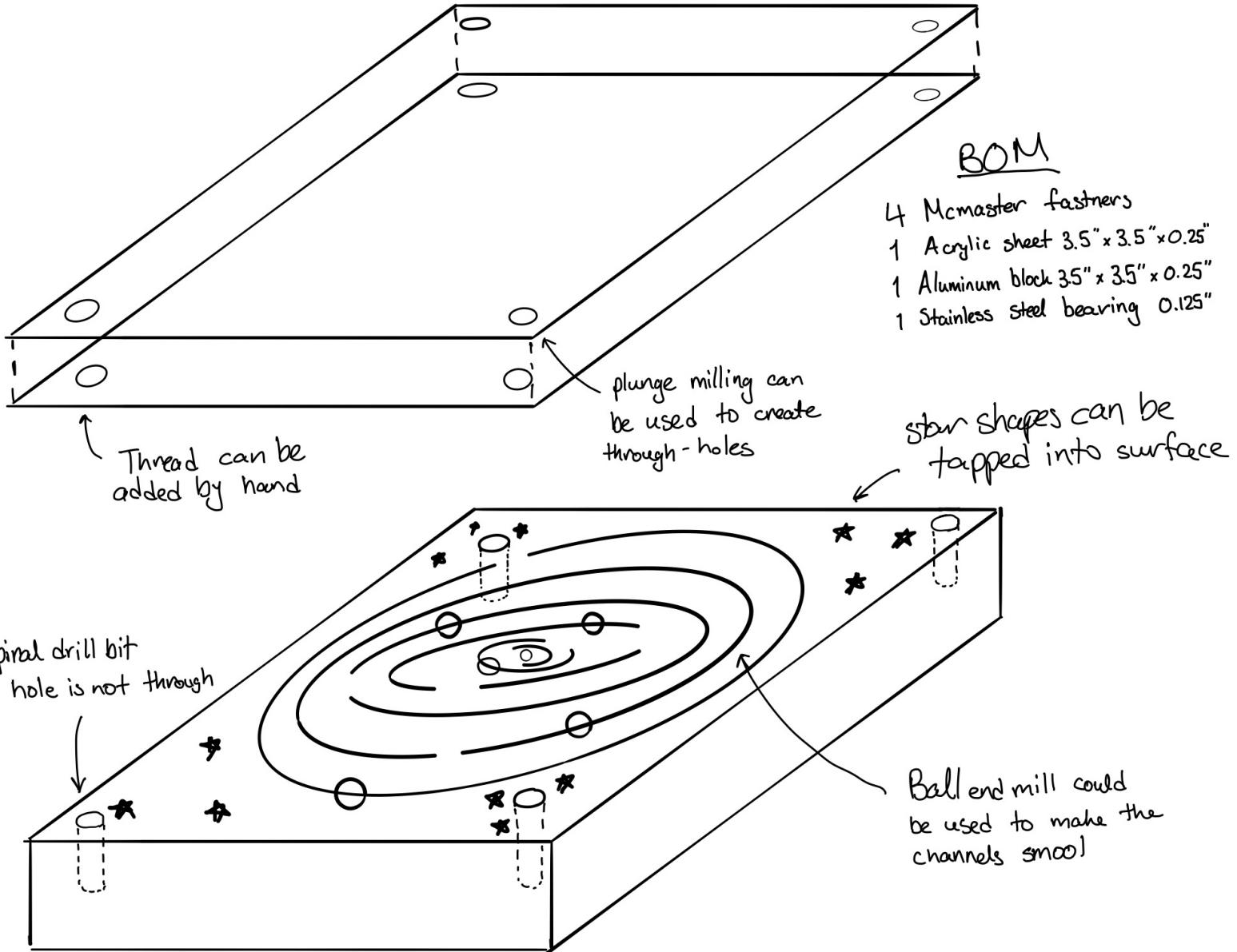
## Design features:

Space is very simple and aesthetic

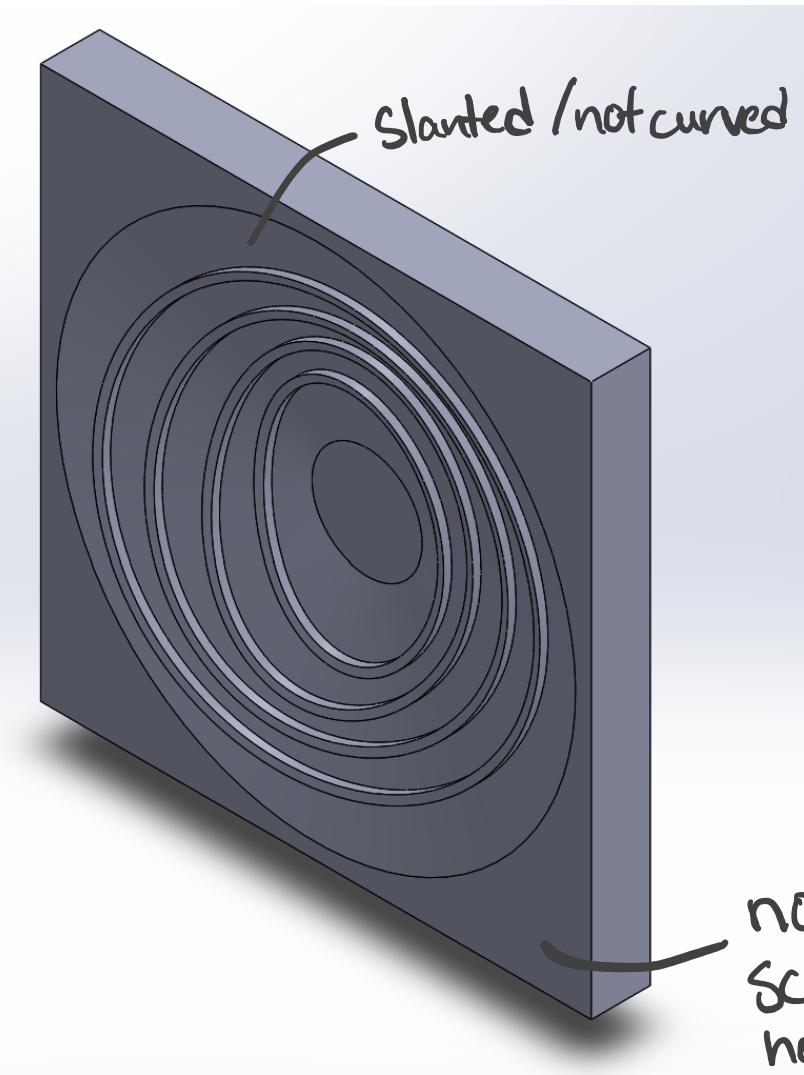
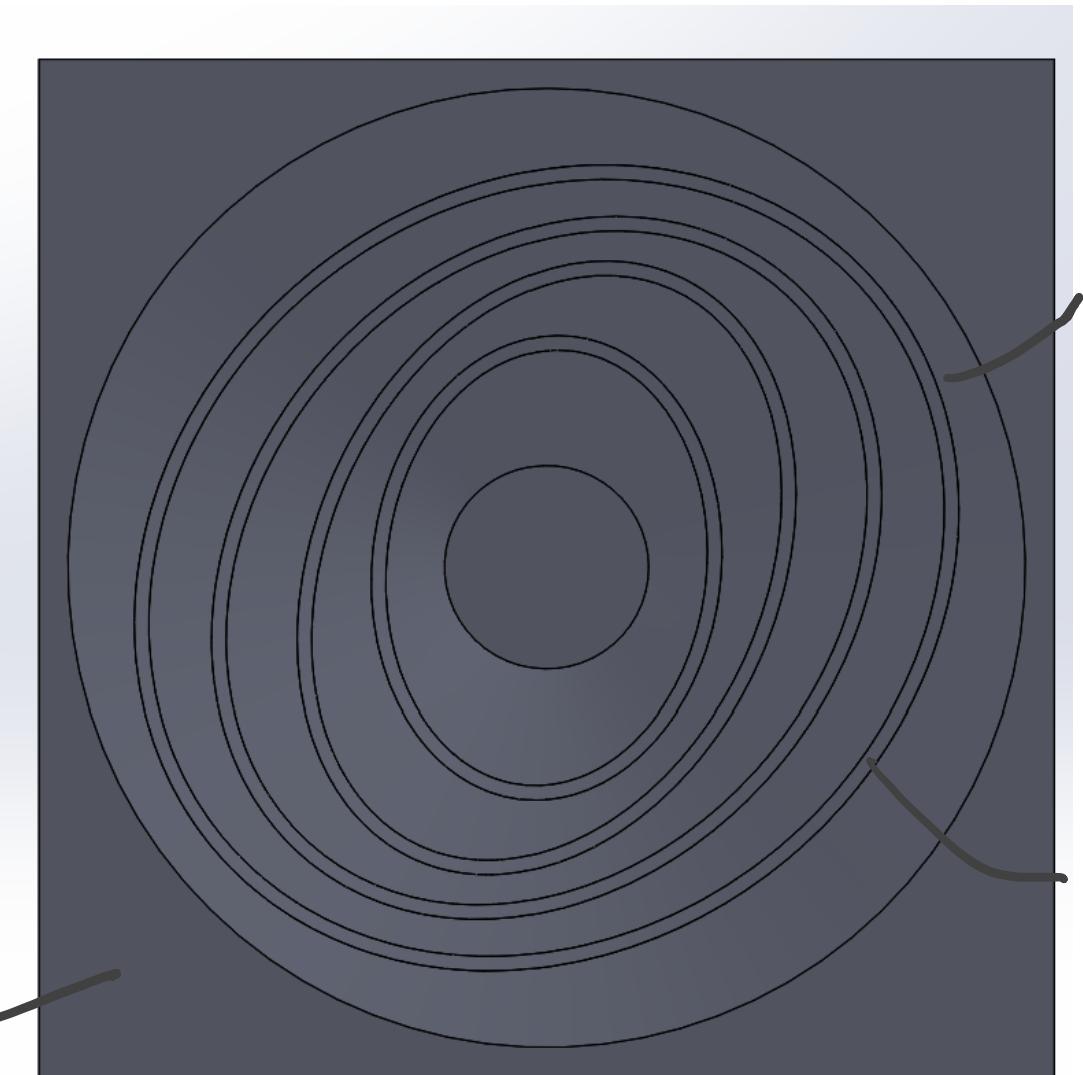
Fun to play with going around in orbits

Eight planets + Sun + Multiple stars

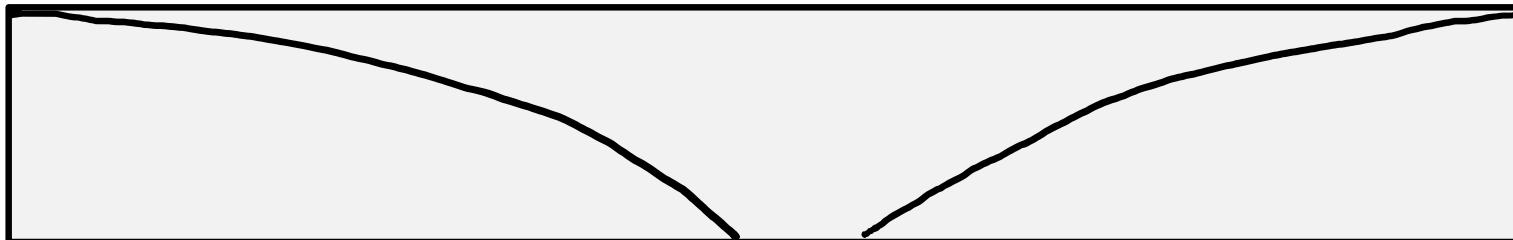
Ball bearing appears to orbit the sun just  
as a planet would



# Preliminary CAD



curved

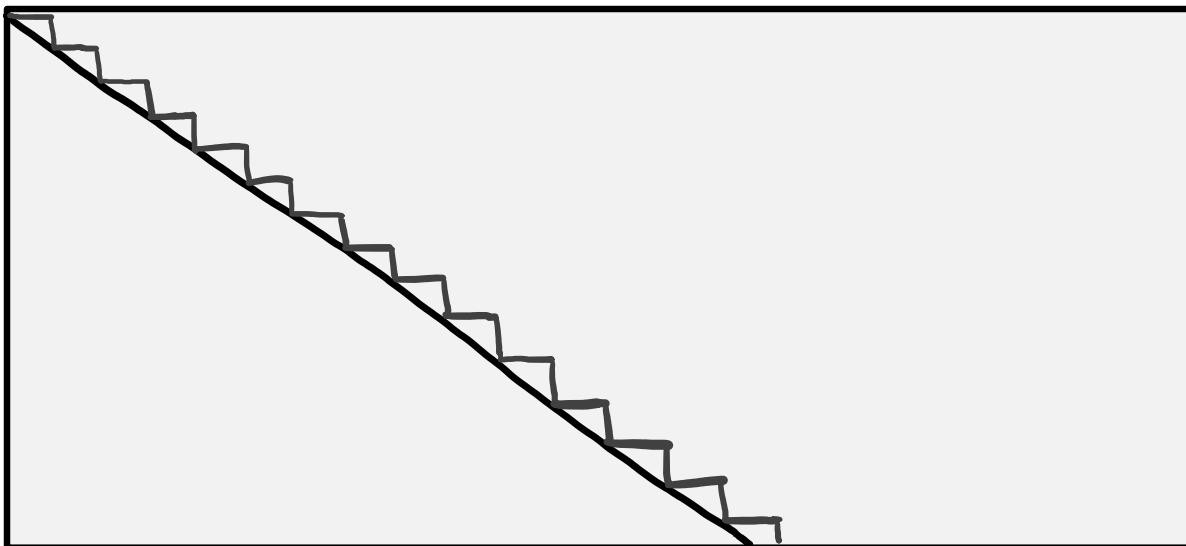


Straight

However this was unnecessary as it turns out both are equally as difficult to construct

# Machining Technique

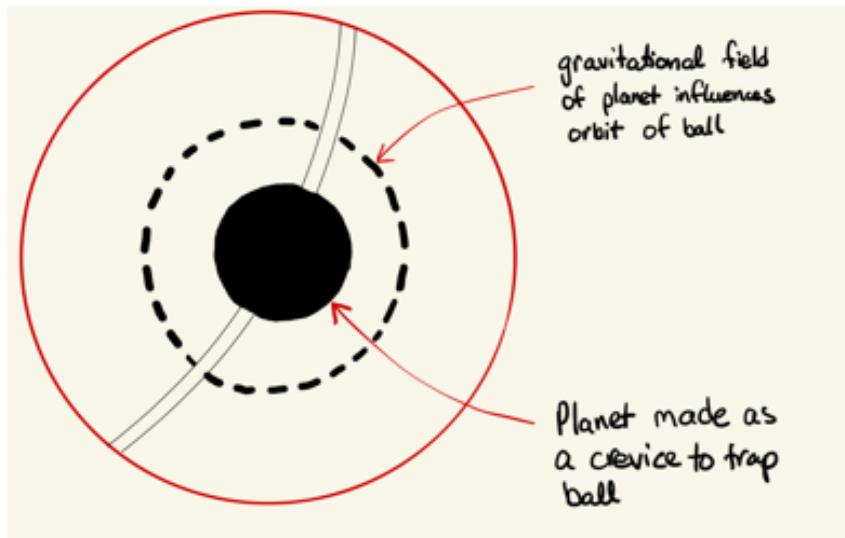
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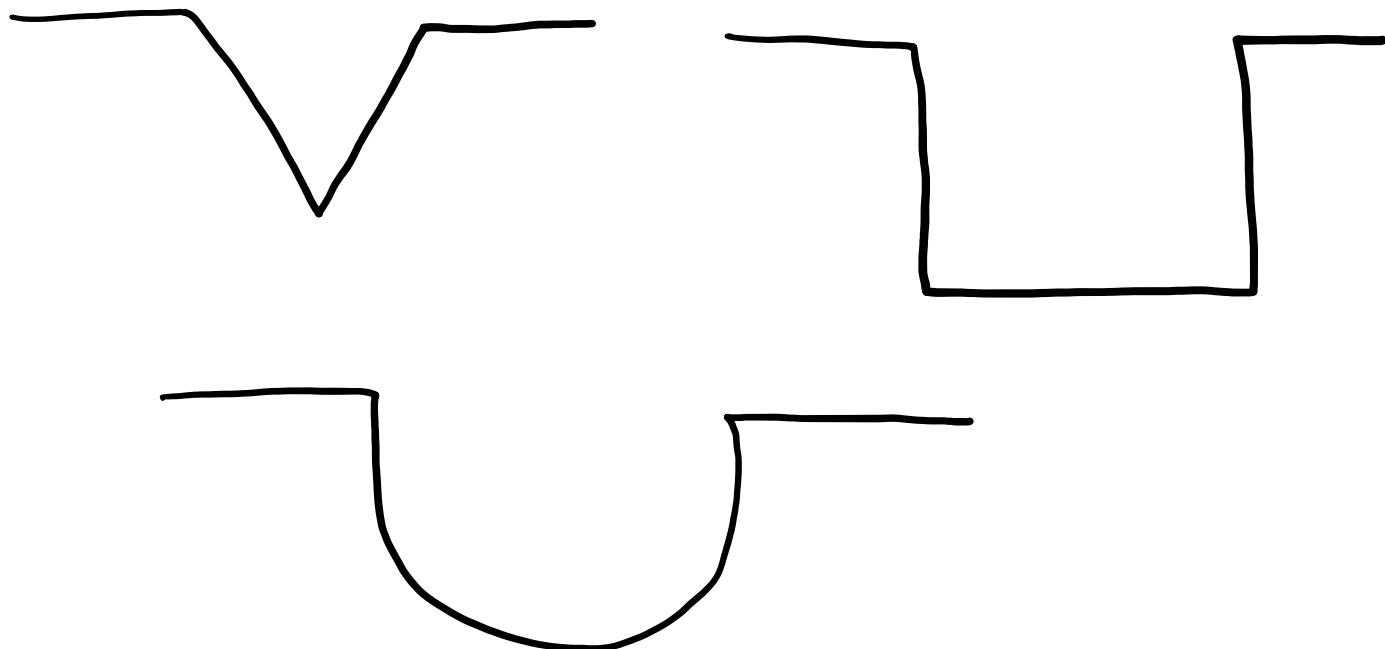
This surface can be refined through post process steps such as grinding / sanding

# Planet gravitational field

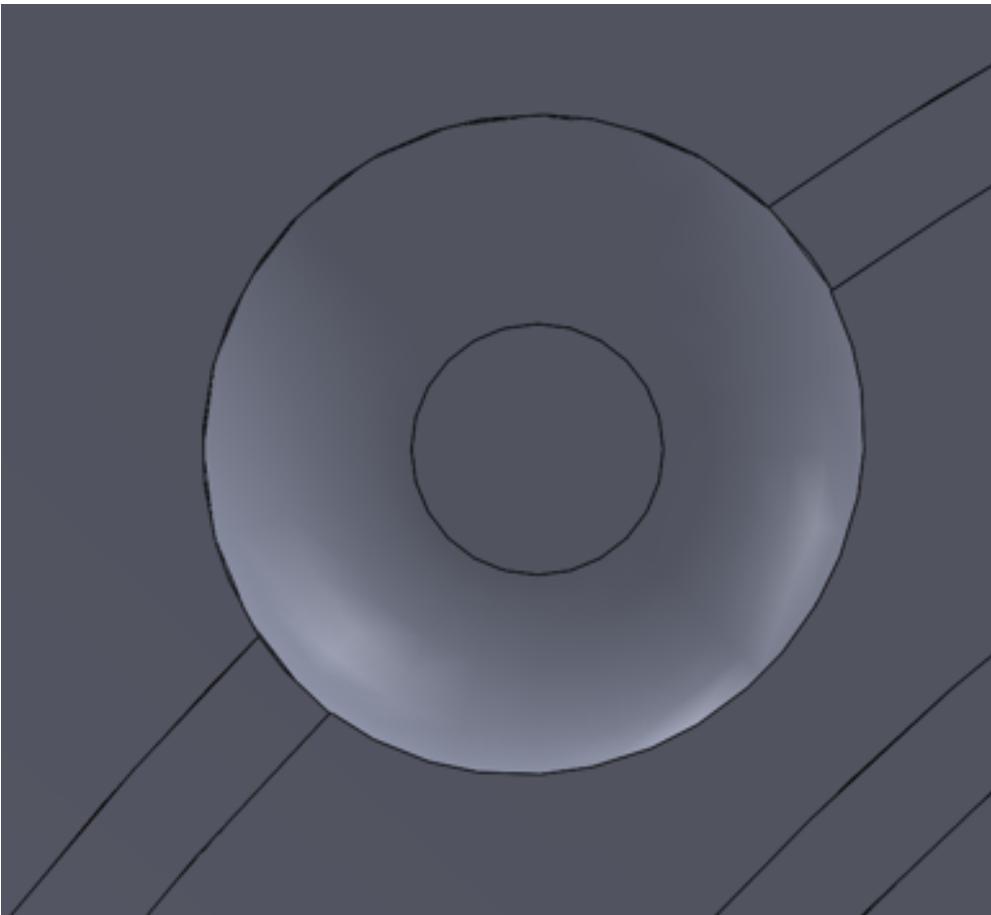
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Potential options

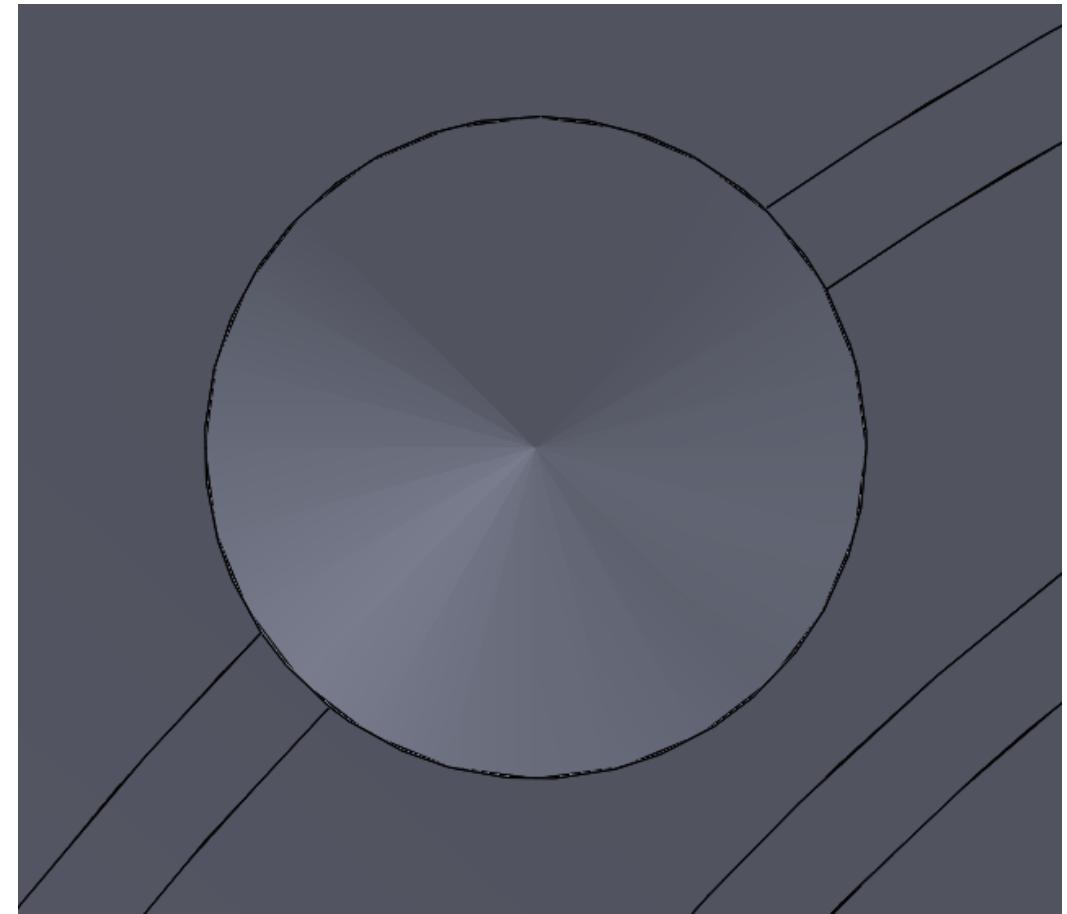


Ball bearing plunge



↑ ball gets stuck which is annoying

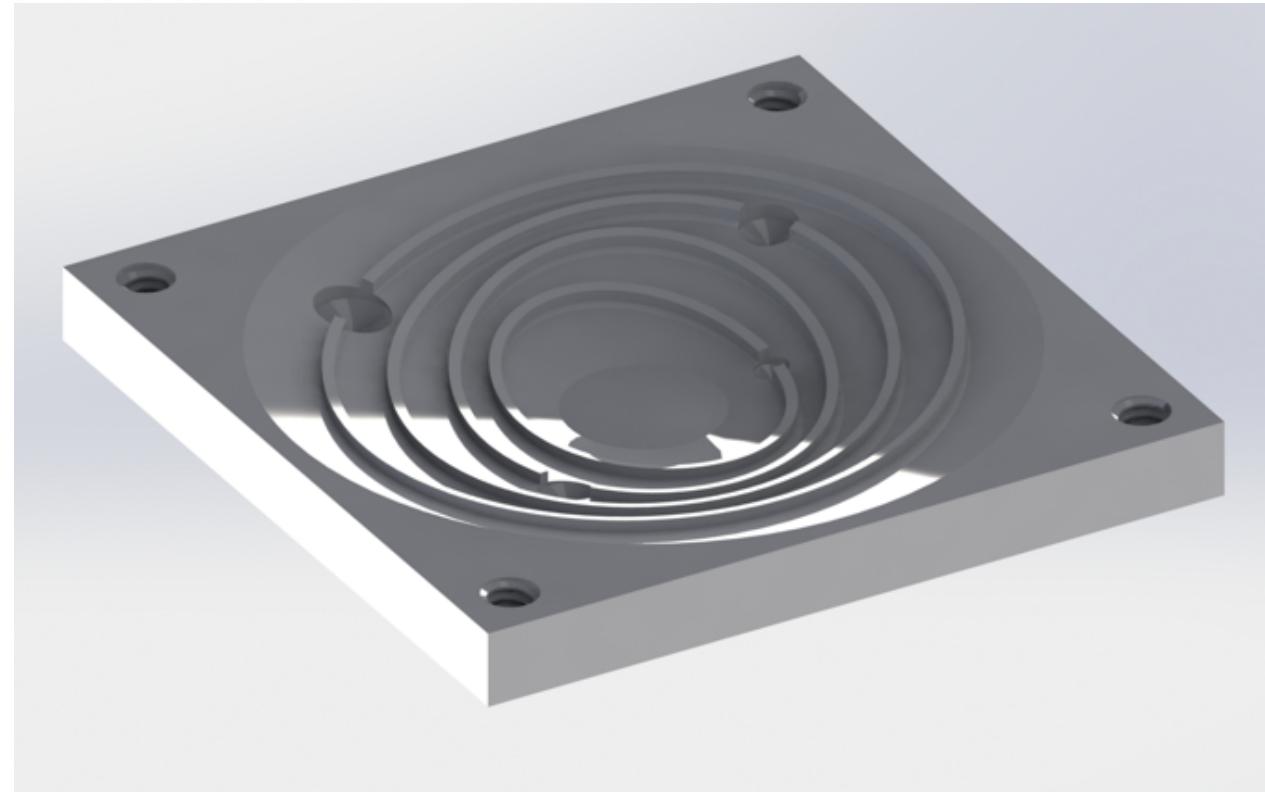
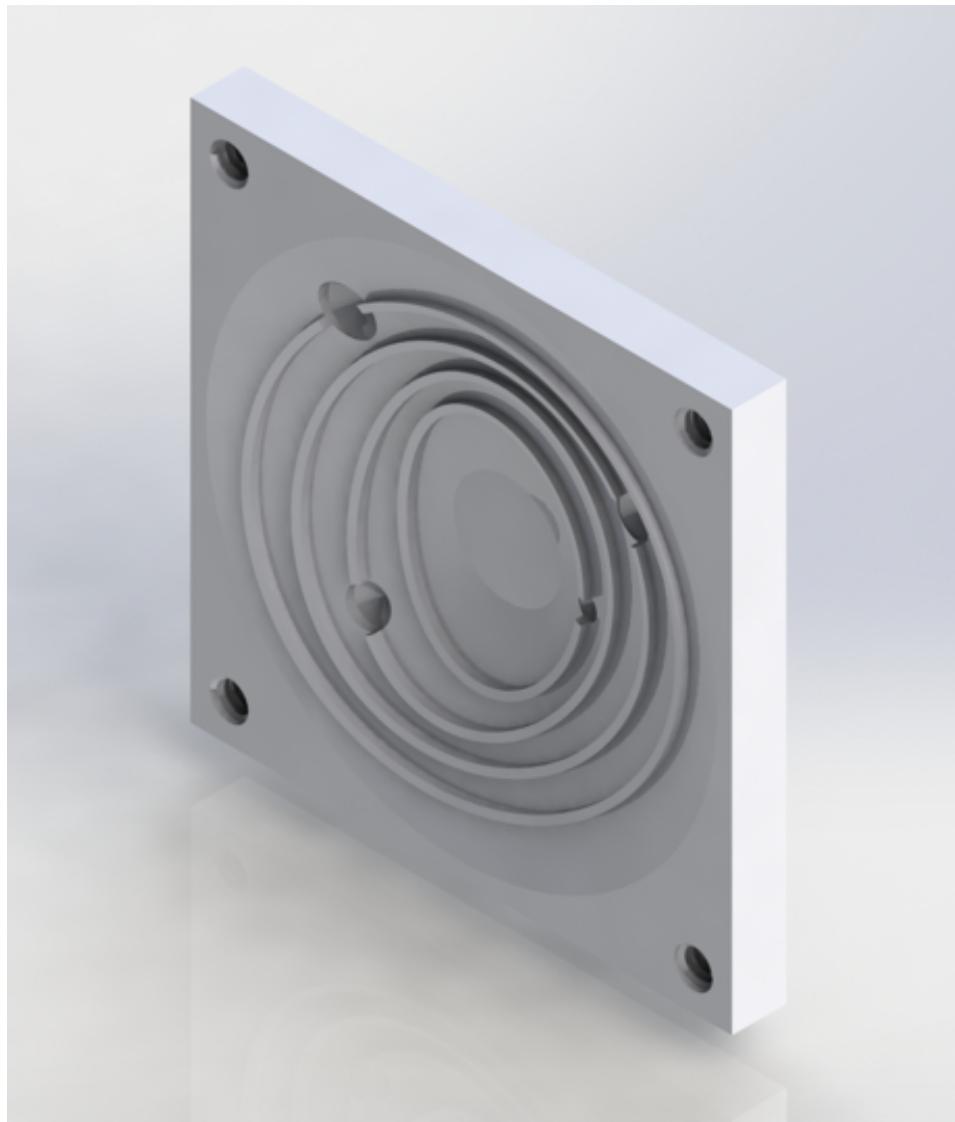
Conical tip drill



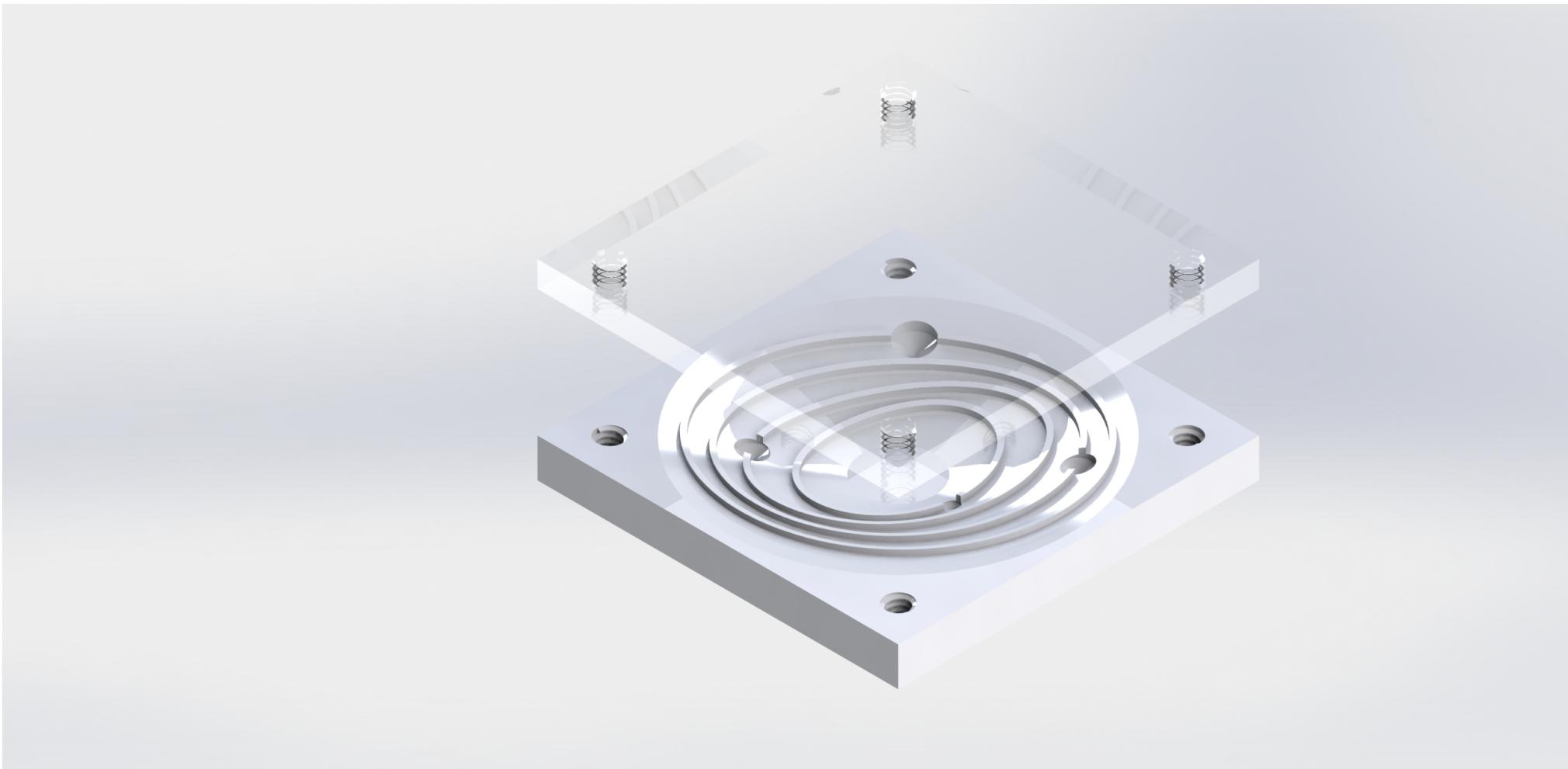
↑ ball can move from one orbit to another



# Final Renders



# Exploded Isometric Render



6

5

4

3

2

1

