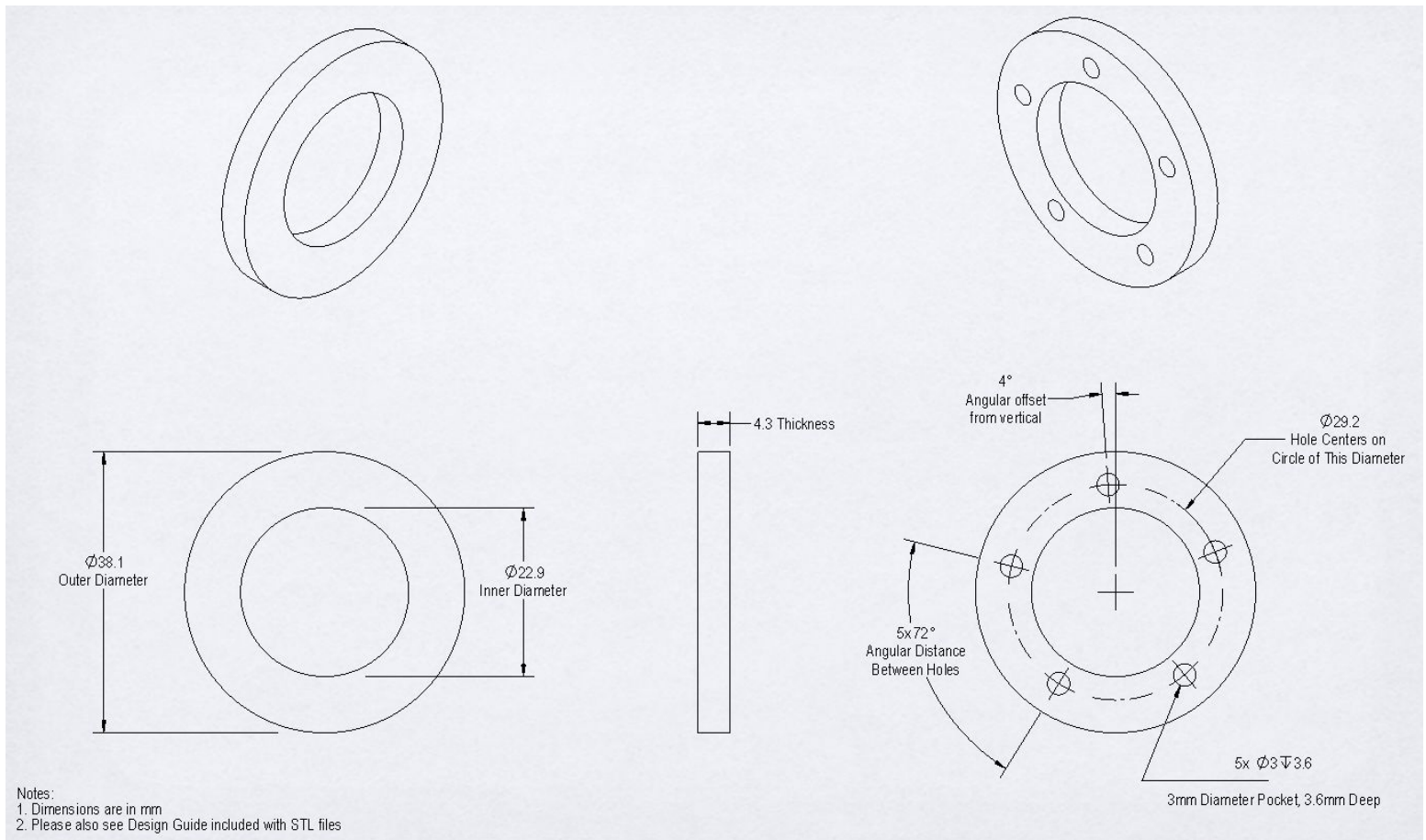


Goal:

Communicate the required structure/geometry for the cover of the iris pendant. That way other designers can use this as a base for creating their own amazing covers for the pendant.

Details:

Below is a drawing that can be used to create the basic cover structure.



A stand alone version of this drawing “Front Cover Dimensions, Iris Pendant.pdf” has been included with the STL files.

Tips:

- It is highly recommended to create protruding features from the Outer Diameter that allow the user to grip the cover and rotate it, which is how the iris mechanism opens.
 - See the cover designs included with the STL files for examples.
 - I tested out the basic circular design shown above and it is difficult to open the iris.
- You can put details on the ring of material between the Inner and Outer Diameters. Just keep in mind you will need to stay clear of the 5x holes for the M3 screws.
- You can also design “upwards” from the visible cover surface in 3-D fashion, it just complicates support during printing.