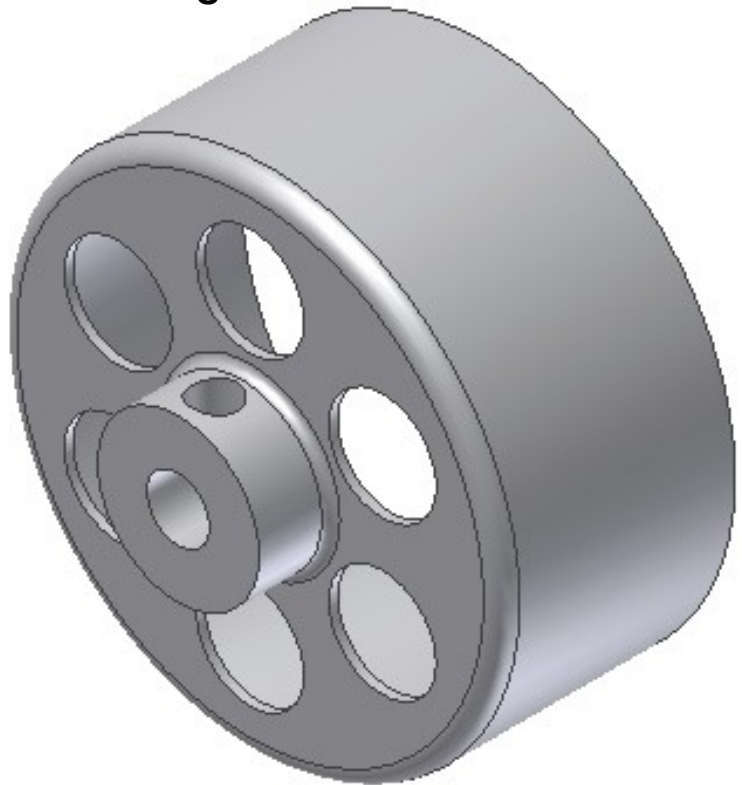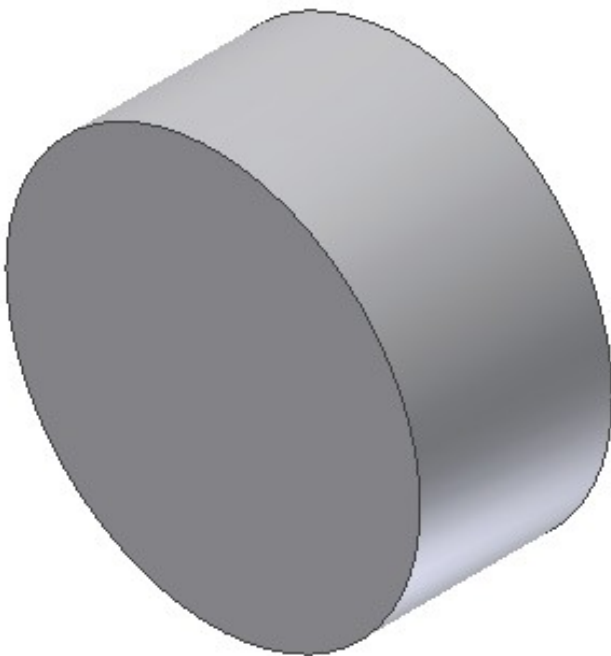# Day 5 Introduction to 3D Parametric Modeling

We will be creating the following model
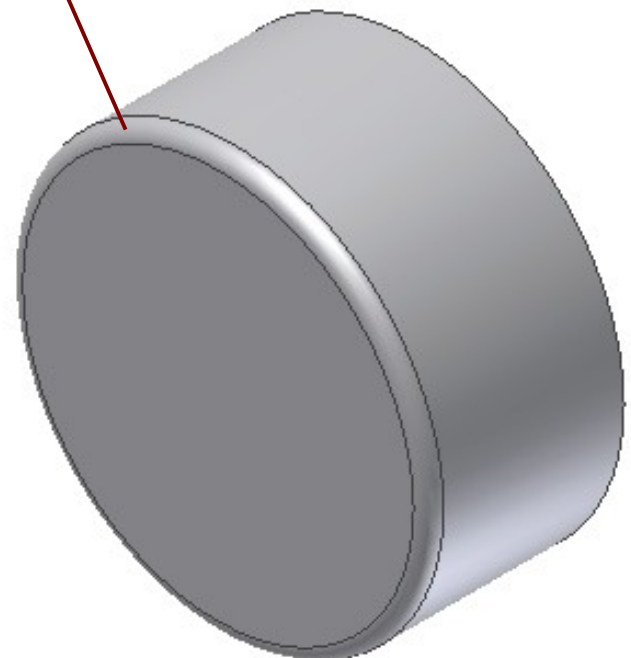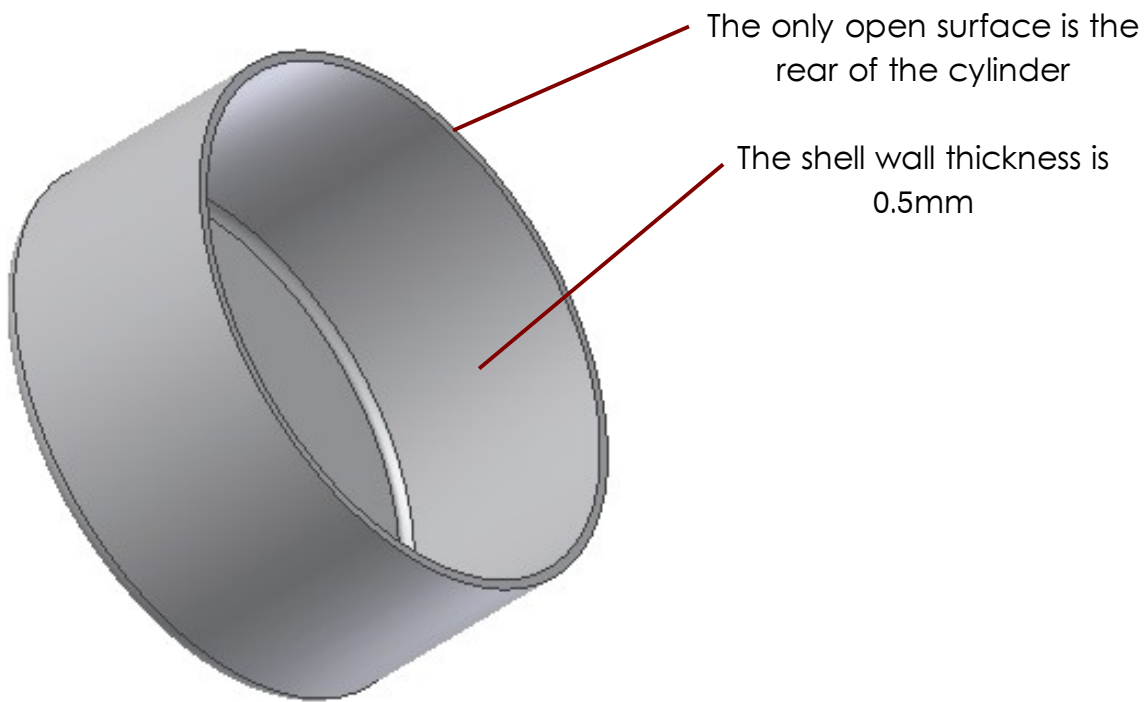
Step 1: Create an extruded feature

The cylinder has a
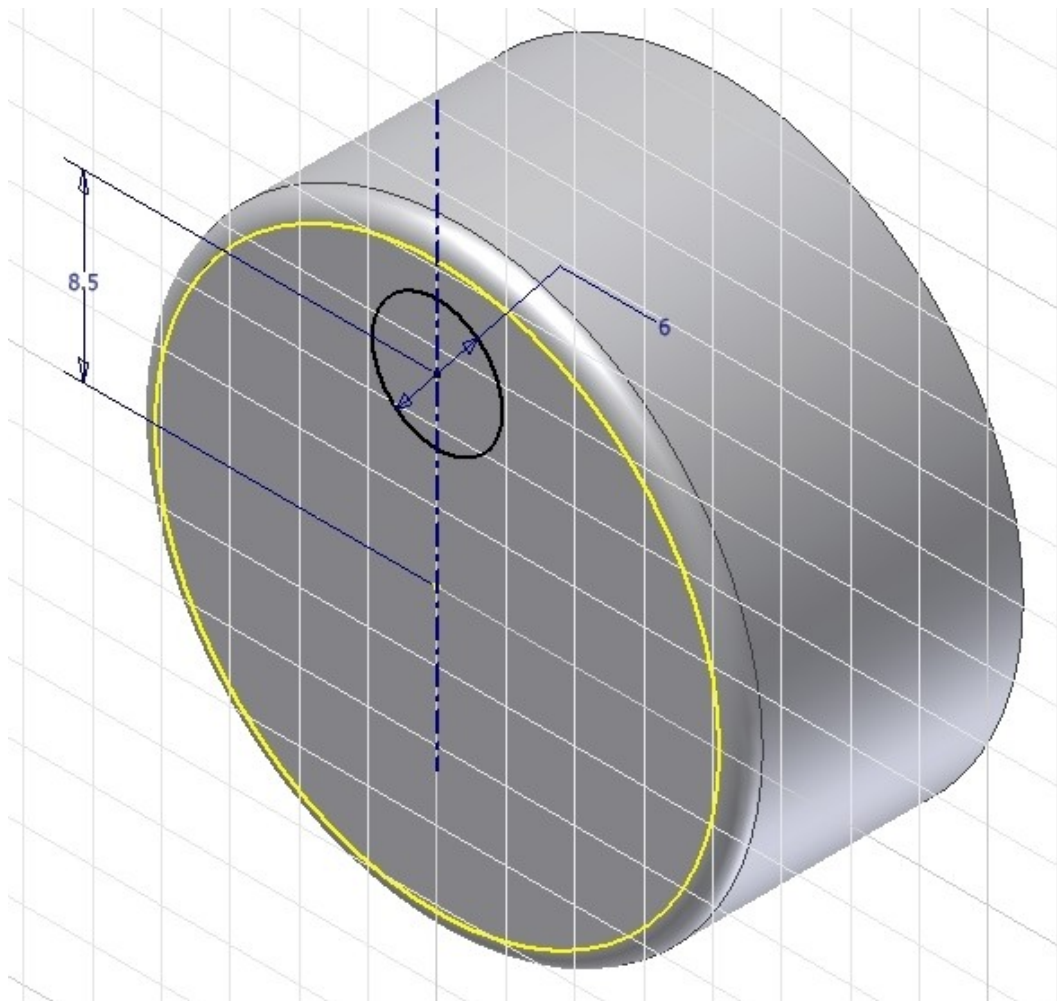diameter of 28mm and is
extruded 13mm

Step 2: Create a 1mm
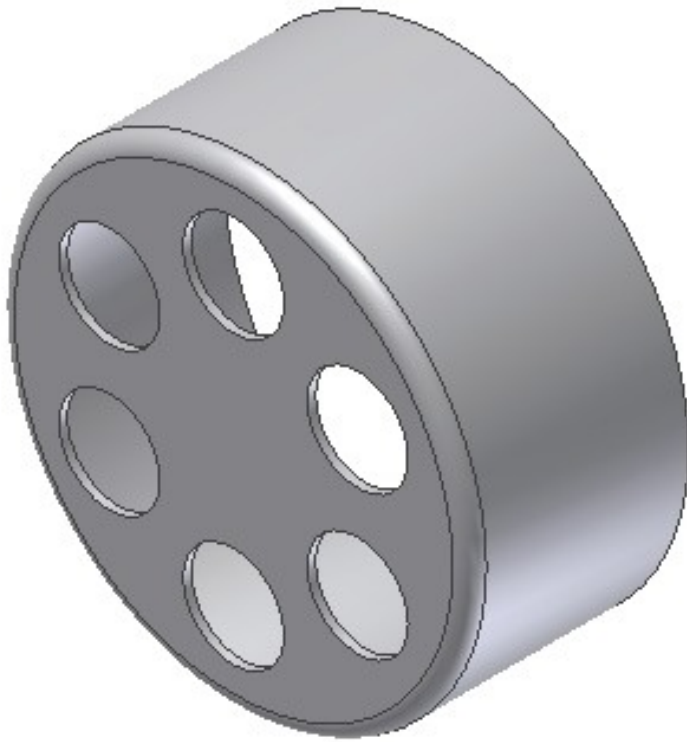round on the front edge
only

Step 3: Create a shell feature

The only open surface is the rear of the cylinder

The shell wall thickness is 0.5mm

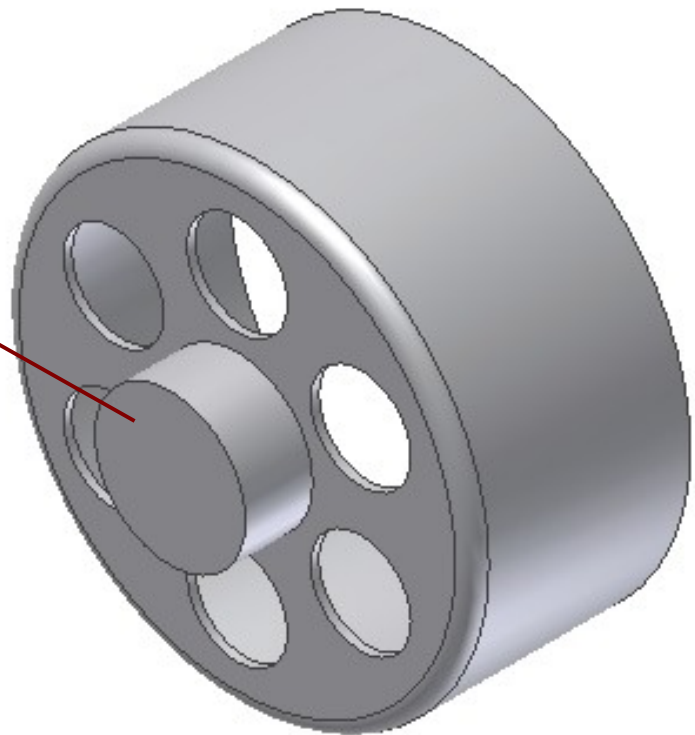## Step 4: Create a hole

8,5

6

Step 5: Create a radial pattern of the hole
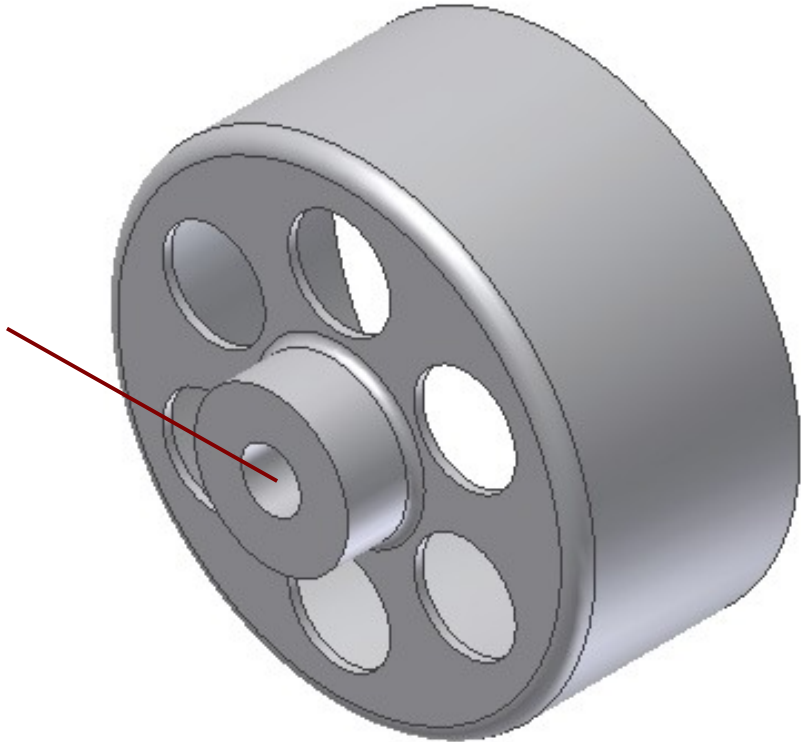- Include six instances of the hole

Step 6: Create an extruded feature

The cylinder has a
diameter of 9mm and is
extruded 4mm

Step 7: Create a hole

Through hole
diameter = 3.5mm

Step 8: Create a cut

2

2.5