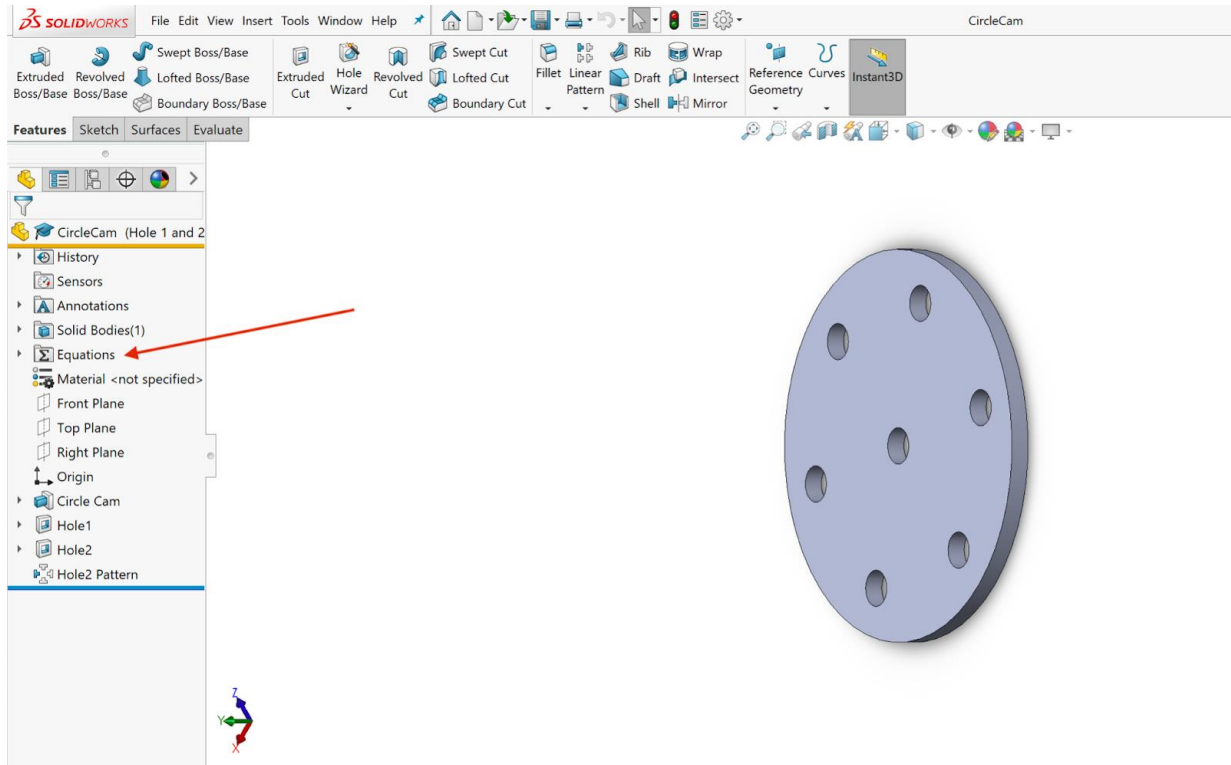


Editing Global Variables:

Global variables can be used as dimensions in your SolidWorks part. To edit these variables you can either click on equations in the feature tree or go to Tools -> Equations.



The main dimensions for this cam are radius (R), Lego Hole Diameter (Lego D) and the distance from the center of the cam to the outer hole (Hole2 Inner R). To edit these values click on the corresponding box under Value/Equation to your desired value. The model will automatically update with the new dimension.

Equations, Global Variables, and Dimensions

Name	Value / Equation	Evaluates to	Comments
Global Variables			
"R"	= 1in	1in	
"LegoD"	= 0.186in	0.186in	
"Hole2 Inner R"	= 0.75in	0.75in	
<i>Add global variable</i>			
Features			
<i>Add feature suppression</i>			
Equations			
"D1@Circle Sketch"	= "R"	1in	
"D1@Hole1 Sketch"	= "LegoD"	0.19in	
"D1@Hole2 Sketch"	= "LegoD"	0.19in	
"D2@Hole2 Sketch"	= "Hole2 Inner R"	0.75in	
<i>Add equation</i>			

☒ Automatically rebuild
 Angular equation units: Degrees
☒ Automatic solve order

☐ Link to external file:

OK

Cancel

Import...

Export...

Help