Lesson: Create a swept solid
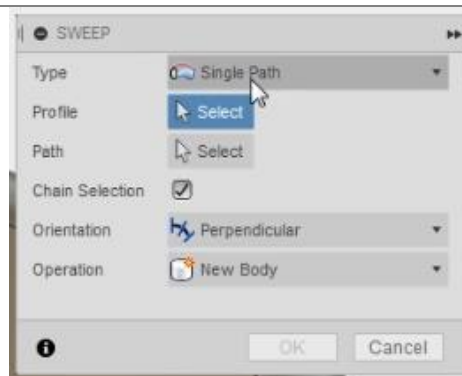
In this lesson, you will create the lamp arm using the Sweep feature.

Learning Objectives:
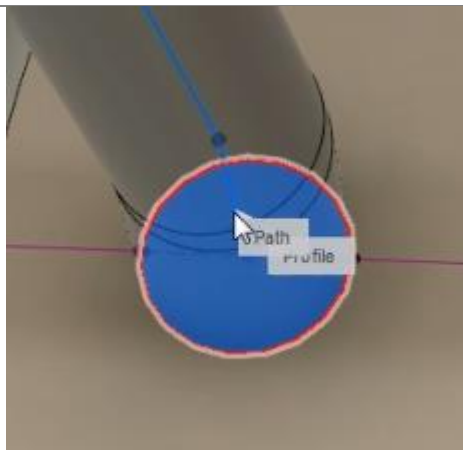
- Use Sweep.

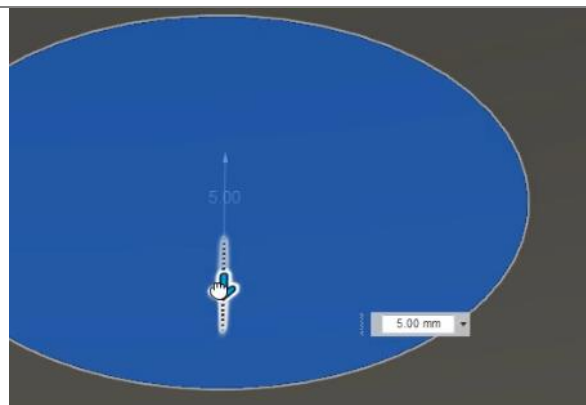## Step 1: Create the lamp arm

1.	Carry on with the file from the previous example. Select Create> Sweep to display the Sweep properties panel.	
2.	For the Profile, choose the 20mm circle that created the hole through the base. For the Path, choose the arm geometry. Click OK after investigating the options in the properties panel.	
3.	Select Modify> Press Pull to pull downwards 5mm on the bottom face of the arm you just created. Click OK.	

4. Hide and Show the components to inspect how the indvidual parts interact. Save the file.