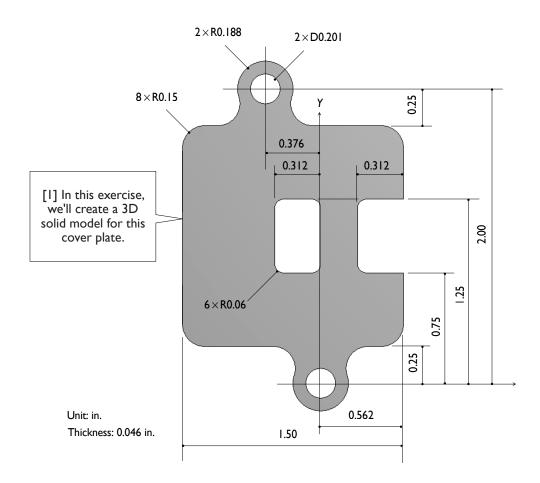
Section 1.4

Cover Plate



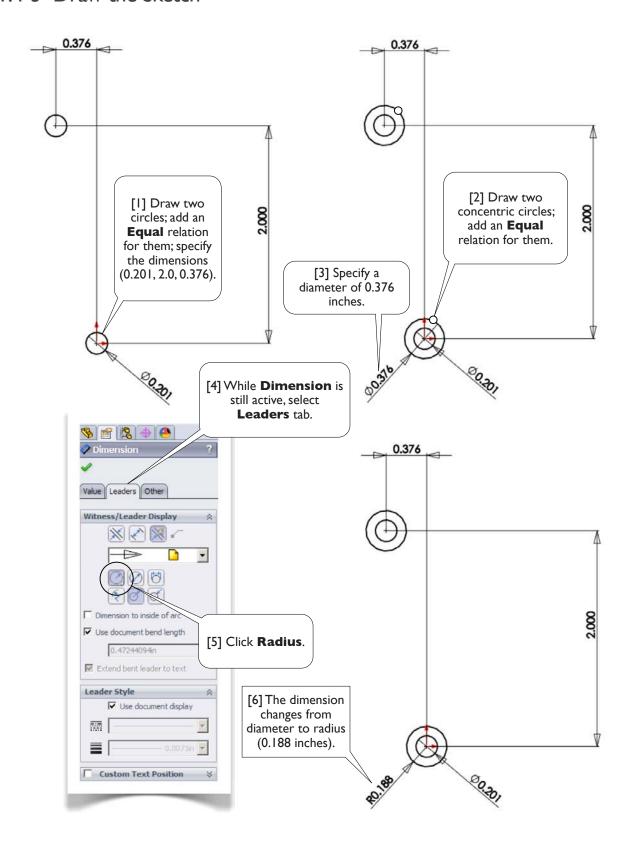
I.4-I About the Cover Plate

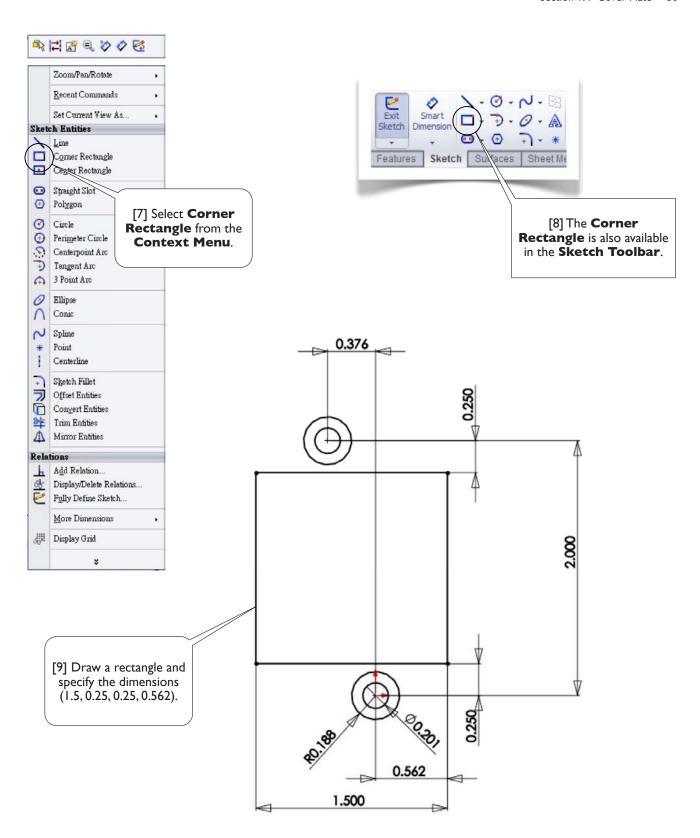


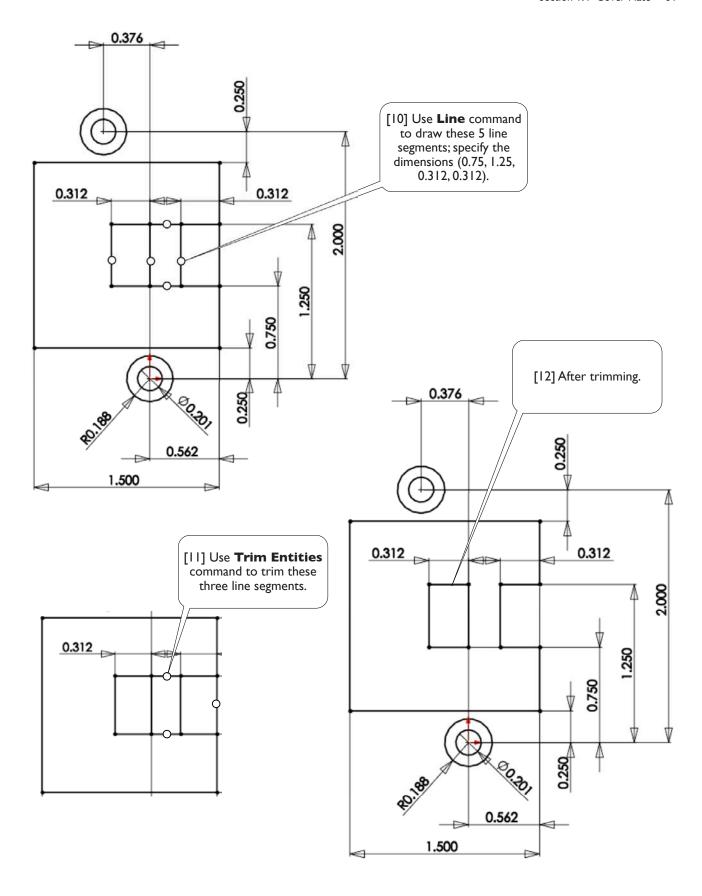
1.4-2 Start Up

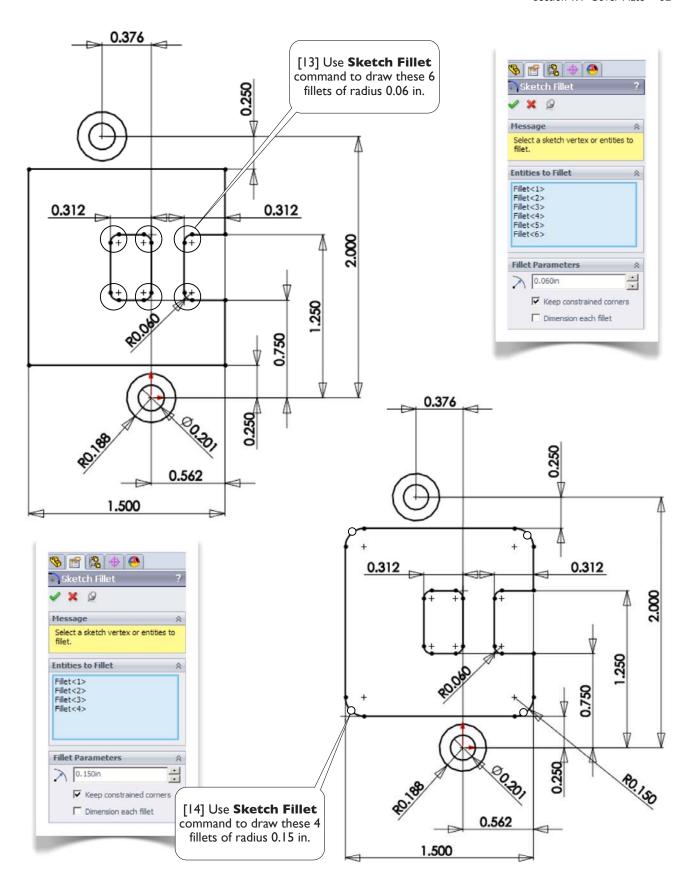
[1] Launch **SolidWorks** and create a new part (1.1-2). Set up **IPS** unit system with 3 decimal places for the length unit (1.1-3). Create a sketch on **Front** plane (1.1-4[1, 2]).

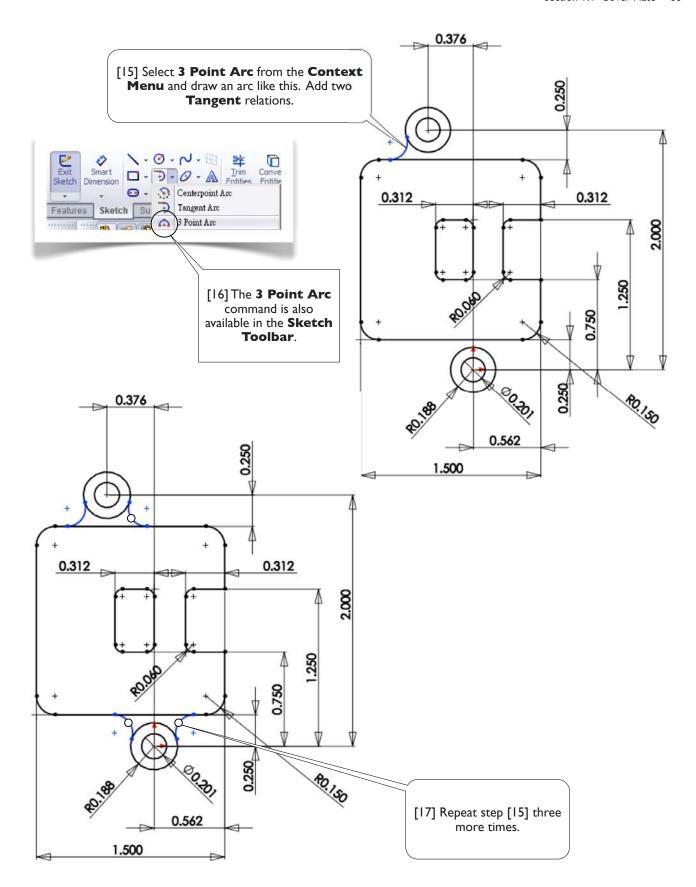
1.4-3 Draw the Sketch

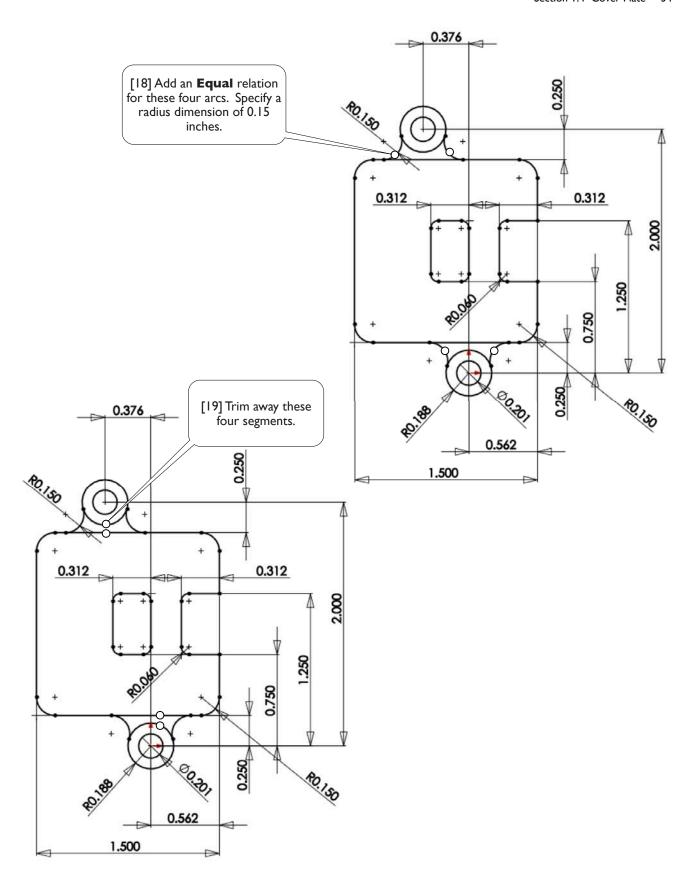


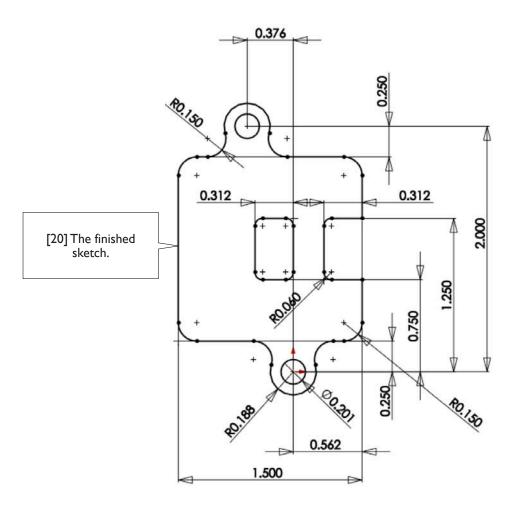


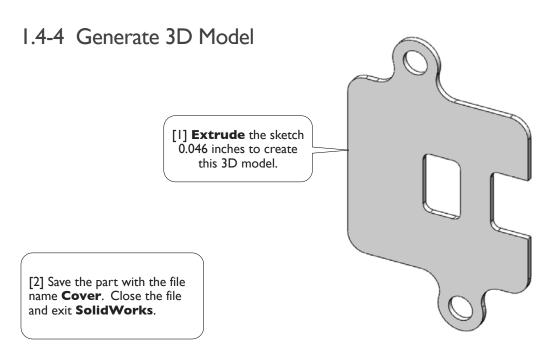












Chapter 2

Part Modeling



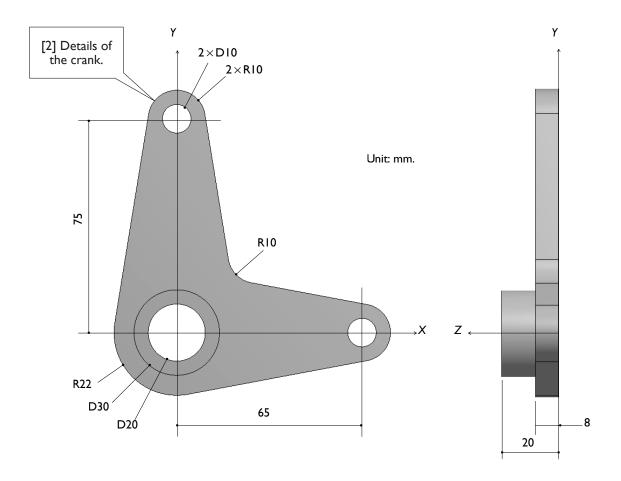
Section 2.1

Crank



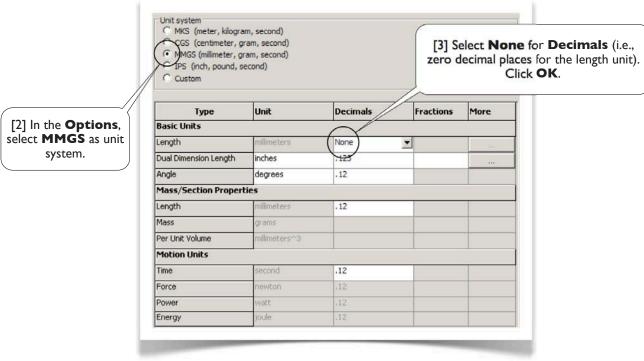
2.1-1 About the Crank

[1] In this exercise, we'll create a 3D solid model for a crank [2]. The crank model can be viewed as a series of three two-step operations; each involves drawing a sketch on a plane and then extruding the sketch to generate a solid body. The material of the body is either added to the existing body or cut from the existing body.



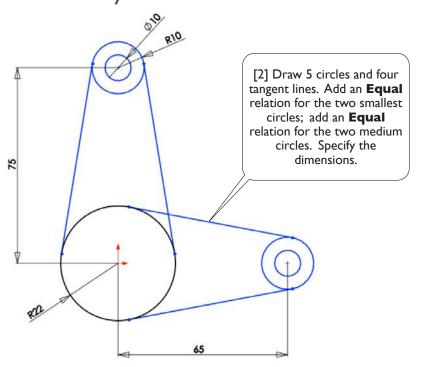
2.1-2 Start Up

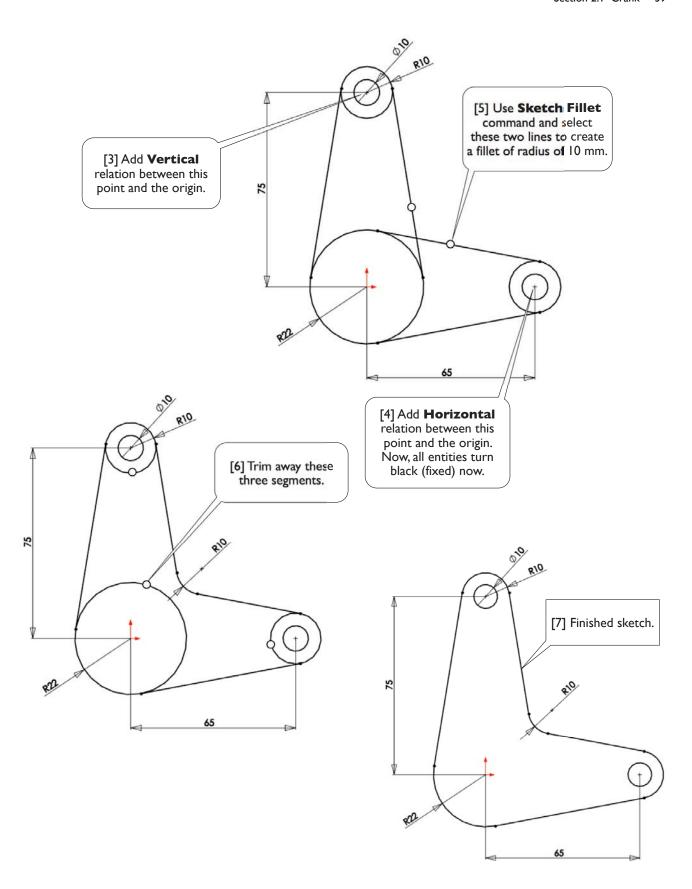
[1] Launch SolidWorks and create a new part.



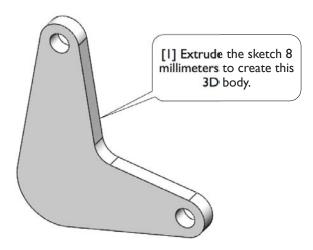
2.1-3 Draw a Sketch for the Base Body







2.1-4 Extrude the Sketch to Create the Base Body



2.1-5 Add Features to the Base Body

