

ME2038-B

# 機械製圖

110學年度第二學期

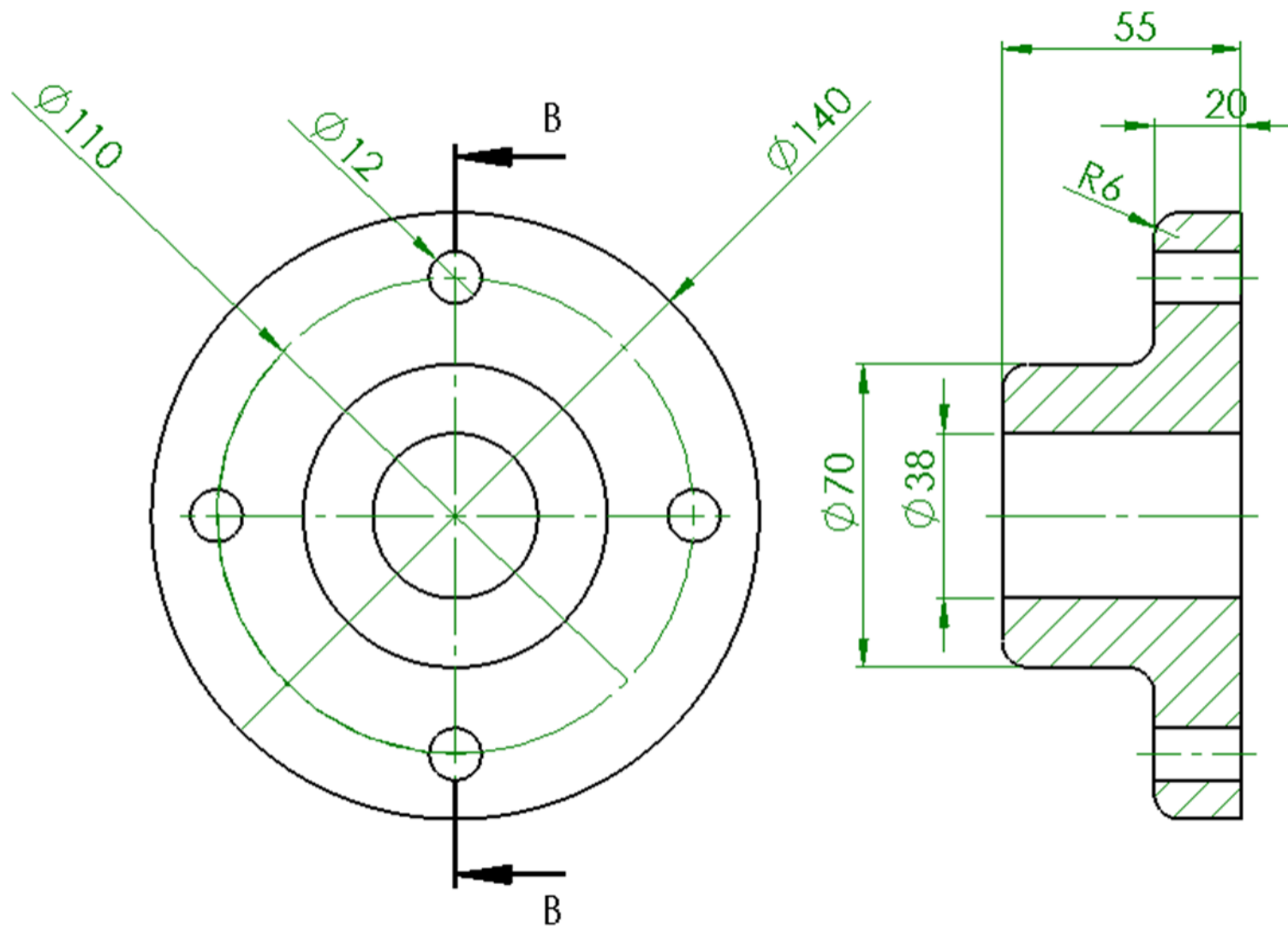
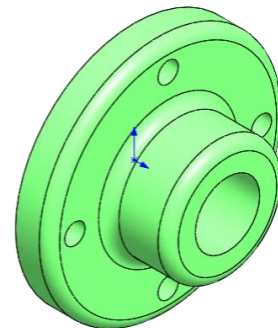
SolidWorks 零件設計1

授課老師：廖展誼



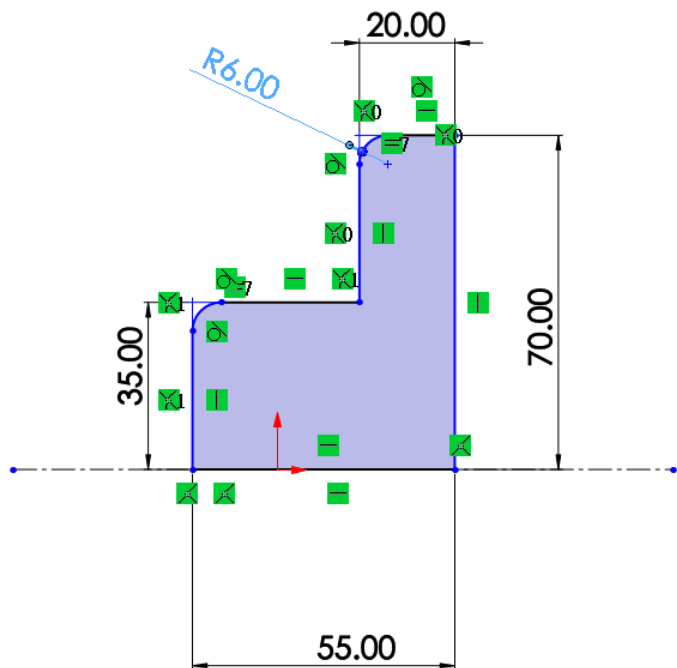
國立中央大學機械工程學系  
Department of Mechanical Engineering,  
National Central University

# ■ 範例

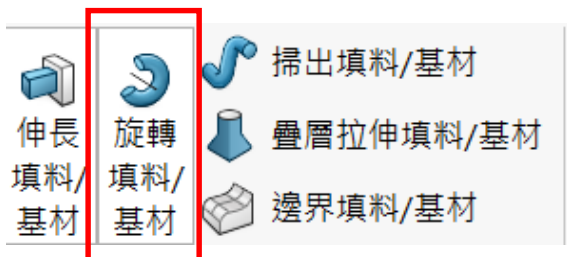


# ■ 旋轉填料

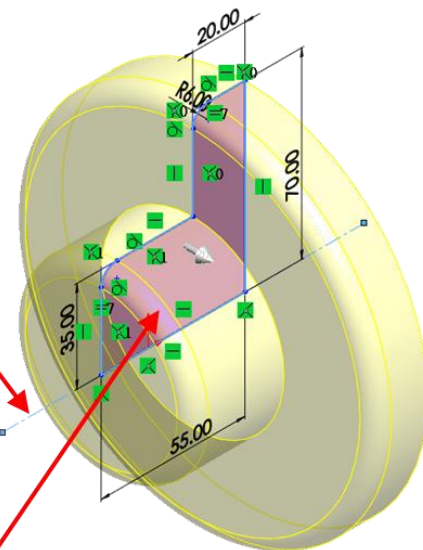
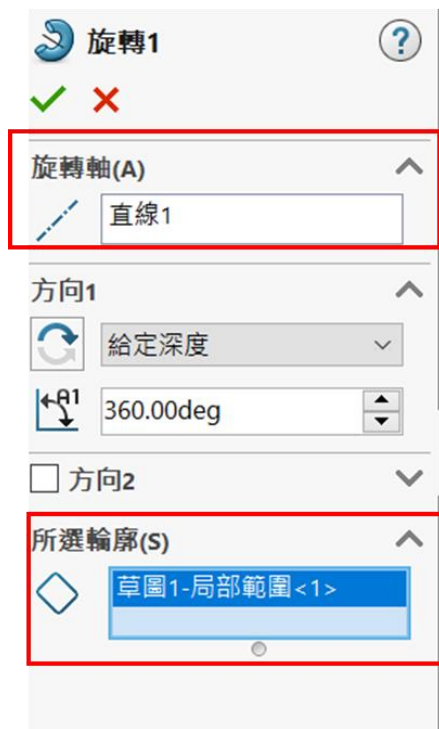
## 1. 選擇右基準面建立以下草圖



## 2. 點選“特徵”>“旋轉填料”

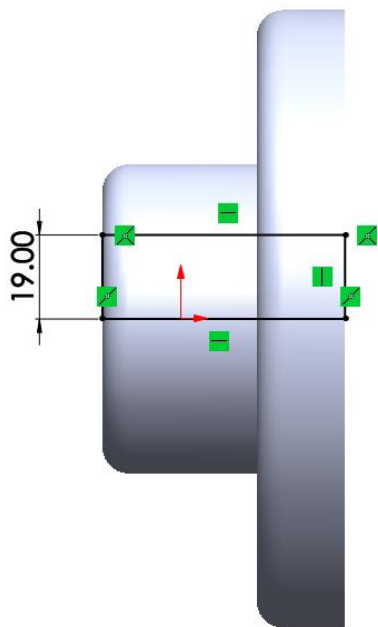


## 3. 指定旋轉軸和輪廓後確認

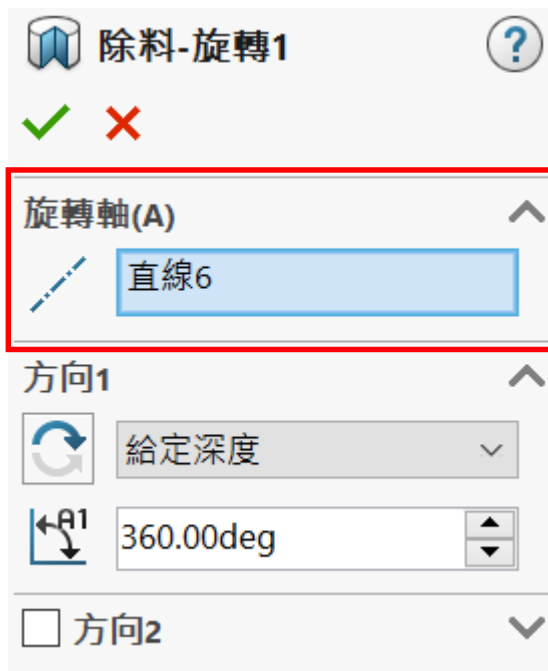


# ■ 旋轉除料

## 1. 選擇右基準面建立以下草圖



## 3. 指定旋轉軸和輪廓後確認

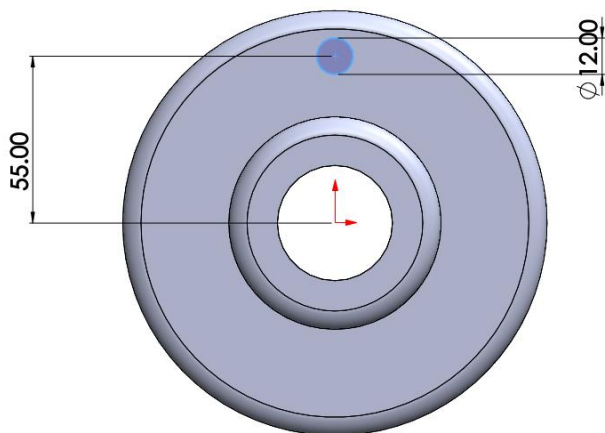


## 2. 點選“特徵”>“旋轉除料”



# ■ 環狀複製排列1

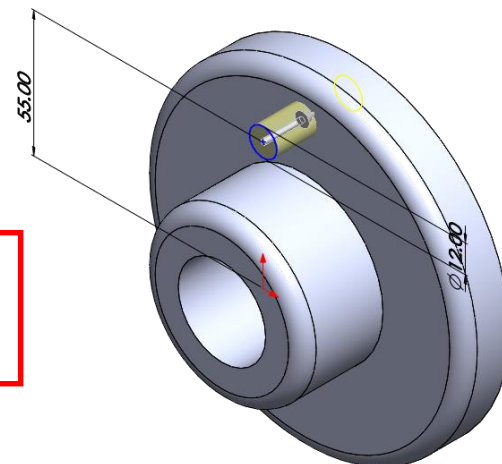
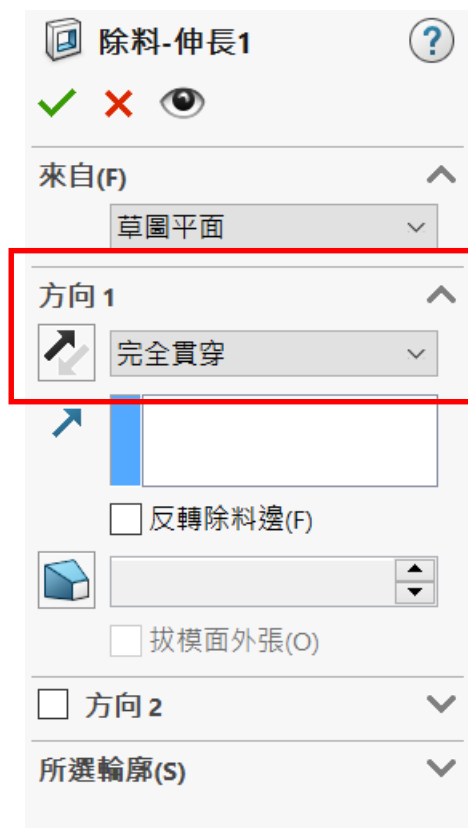
## 1. 選擇前基準面建立圓孔草圖



## 2. 使用”特徵”>”伸長除料”

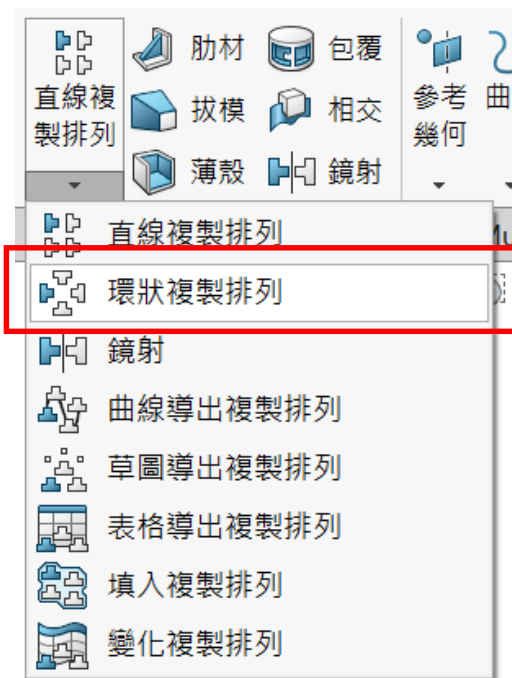
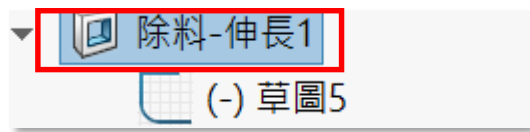


## 3. 選擇完全貫穿

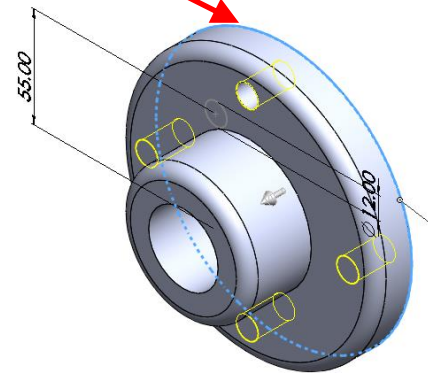


# 環狀複製排列2

1. 點選樹狀列圓孔除料特徵後，  
點選”特徵”>”環狀複製排列”

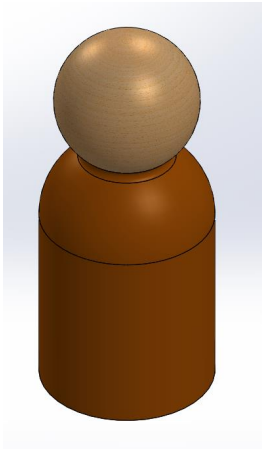


2. 輸入以下參數後按確定

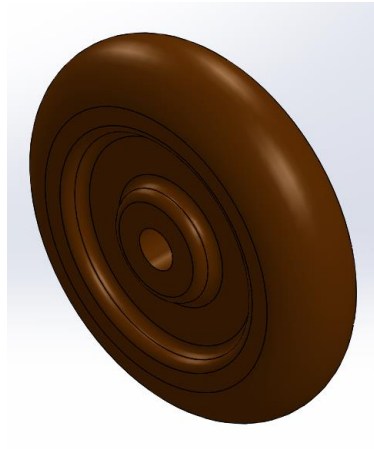


# ■ 作業

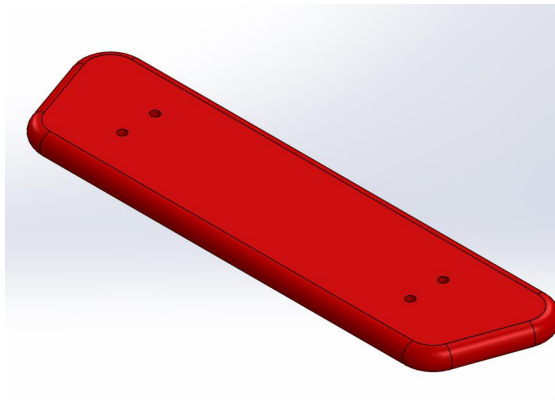
- 請使用SolidWorks繪製以下4個零件(.sldprt)
- 上傳至ee-class作業區(110\_2\_SolidWorks\_HW02)



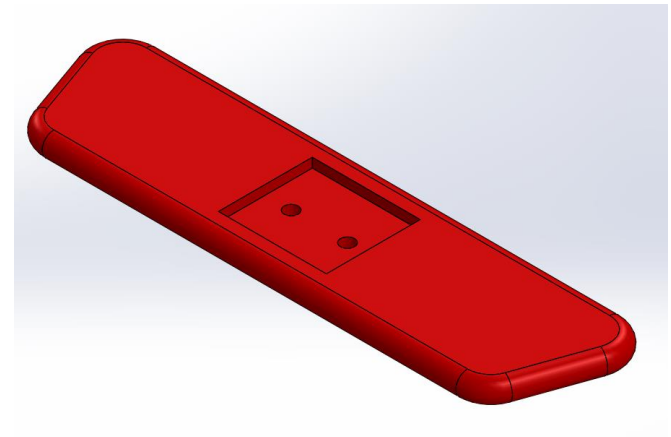
07-Pilot



08-Wheel

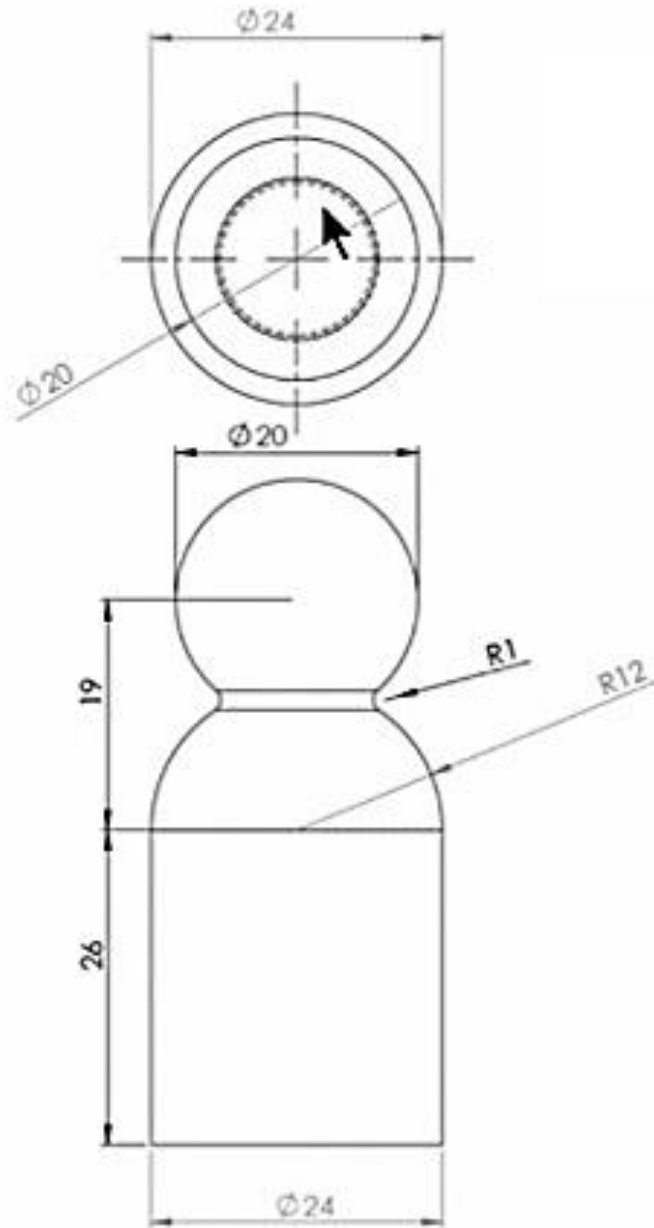
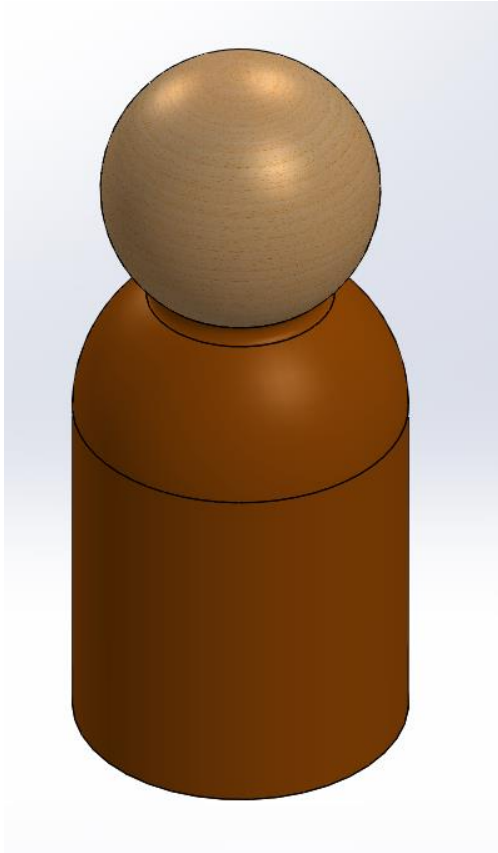


09-Upper wing



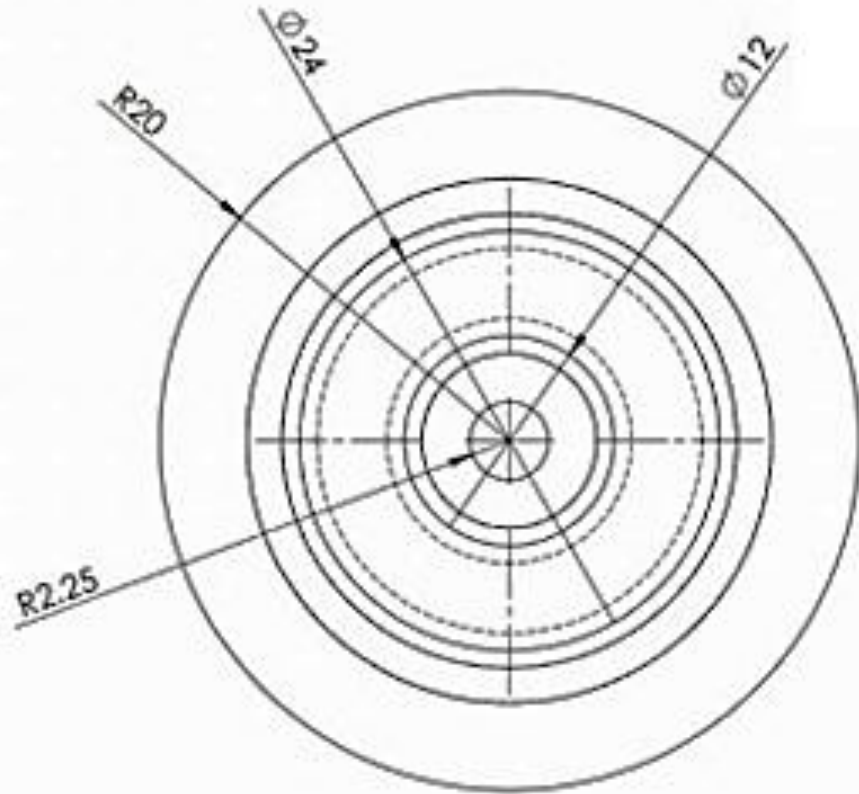
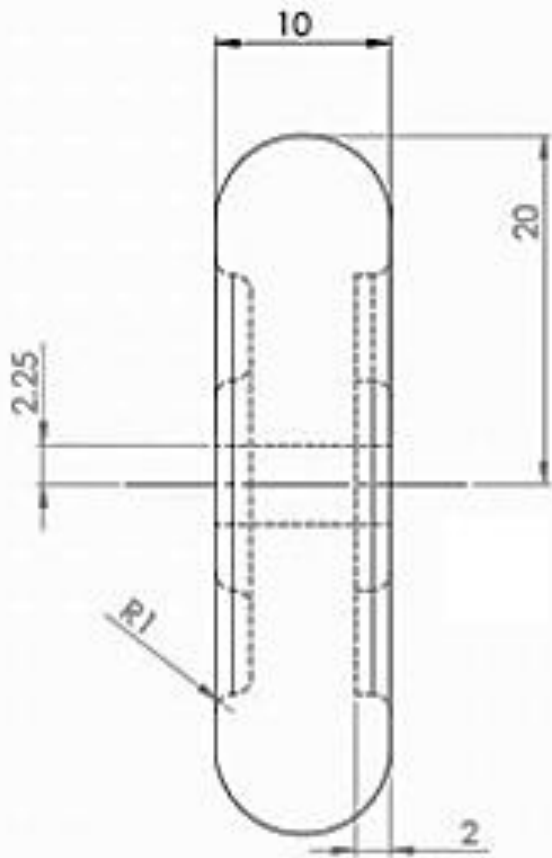
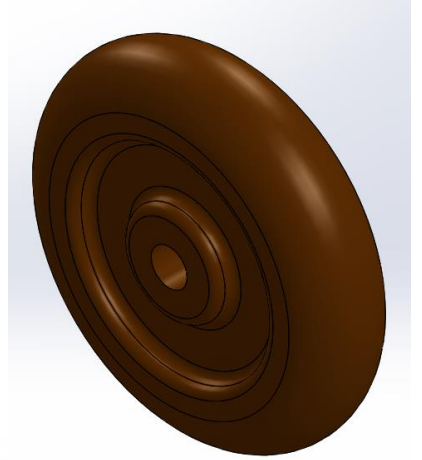
10-Lower wing

# ■ 作業07-Pilot

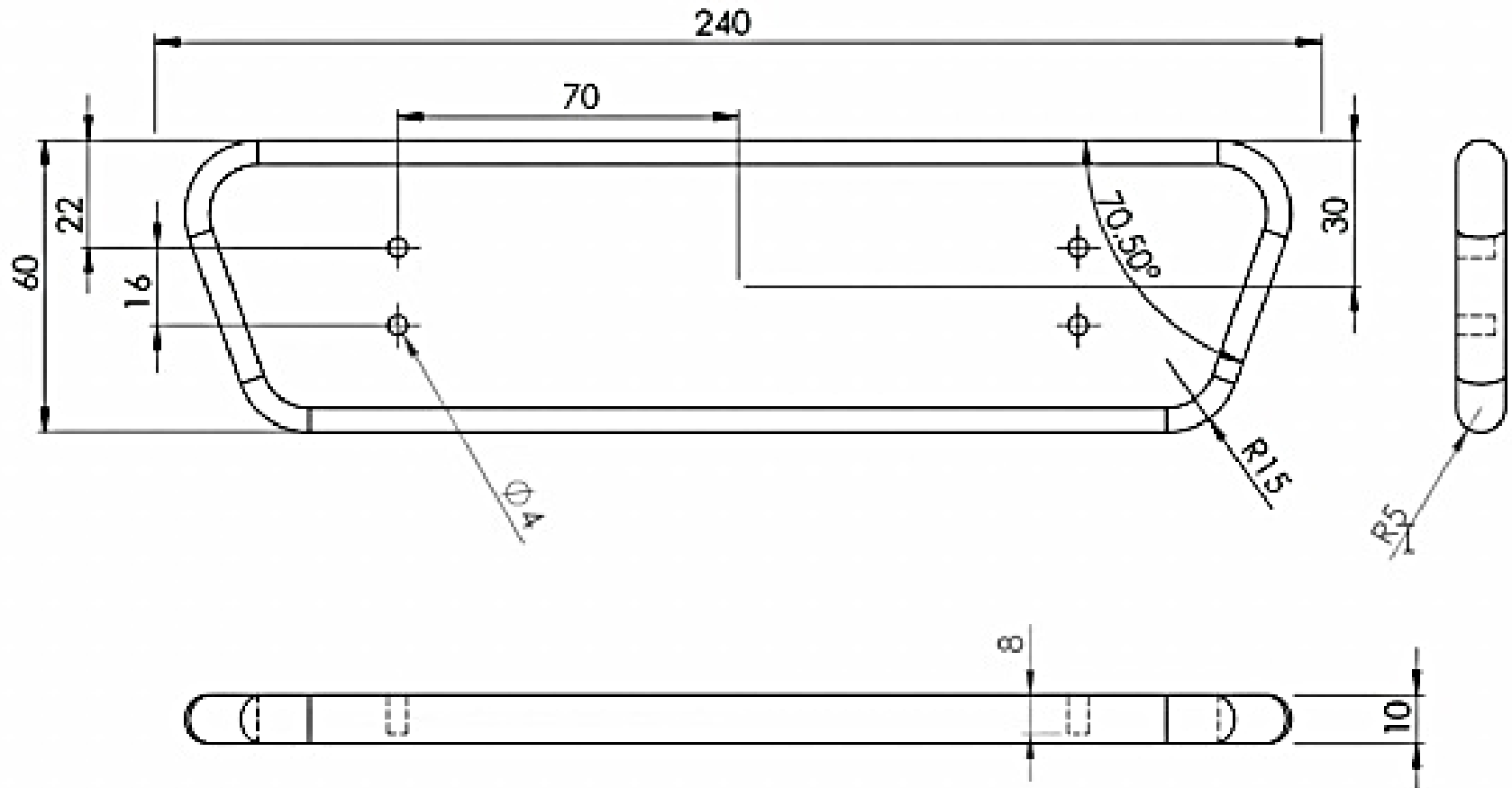
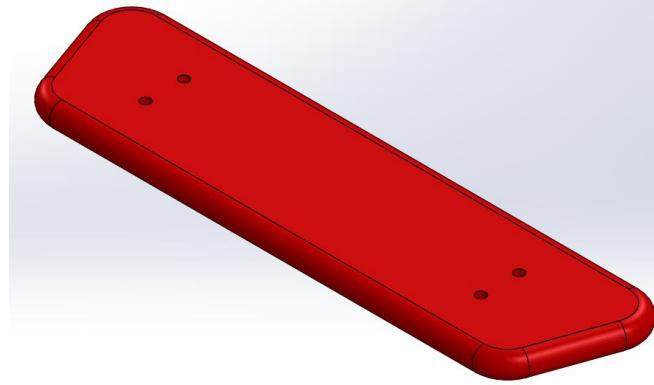




# ■ 作業08-Wheel



# ■ 作業09-Upper wing



# ■ 作業10-Lower wing

