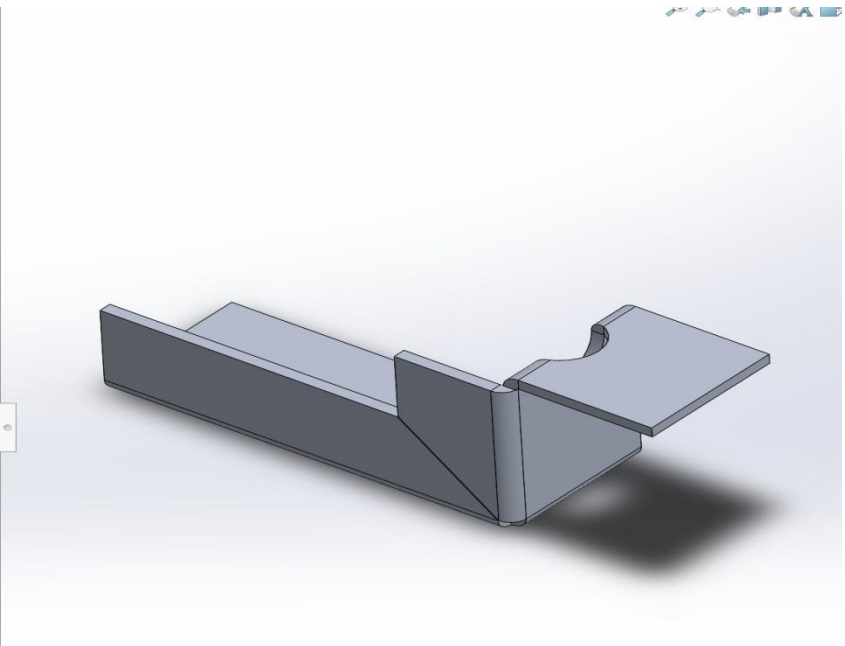
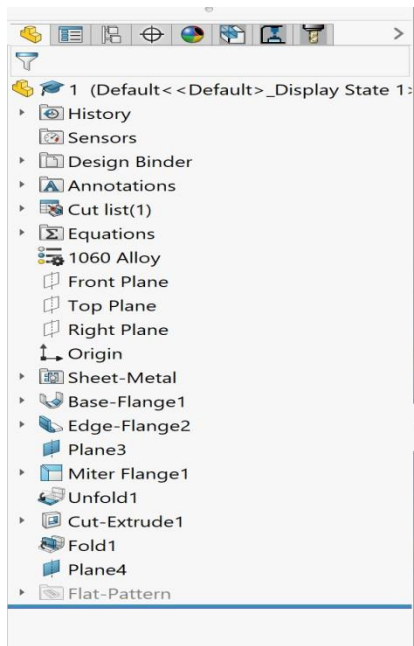
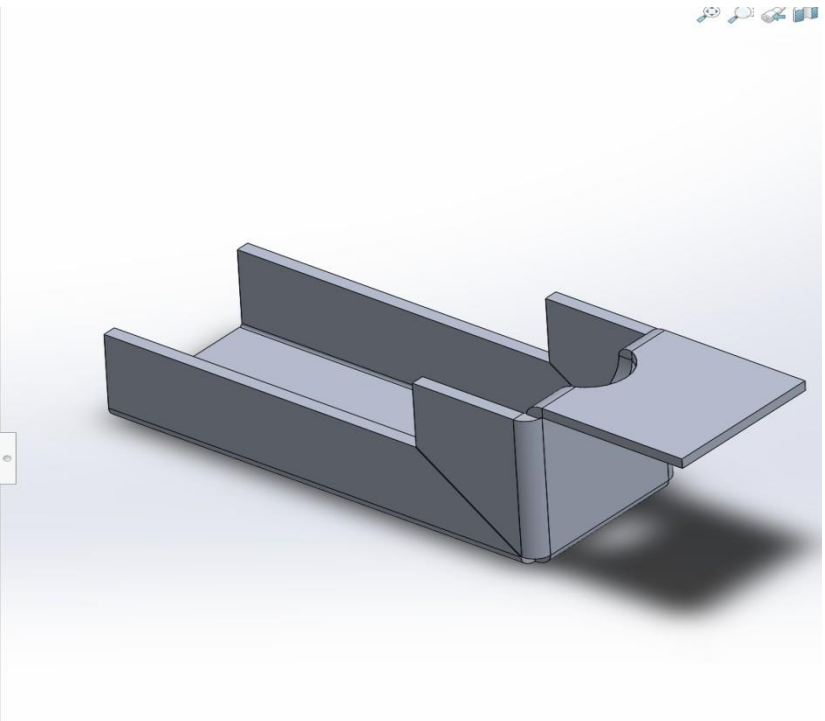
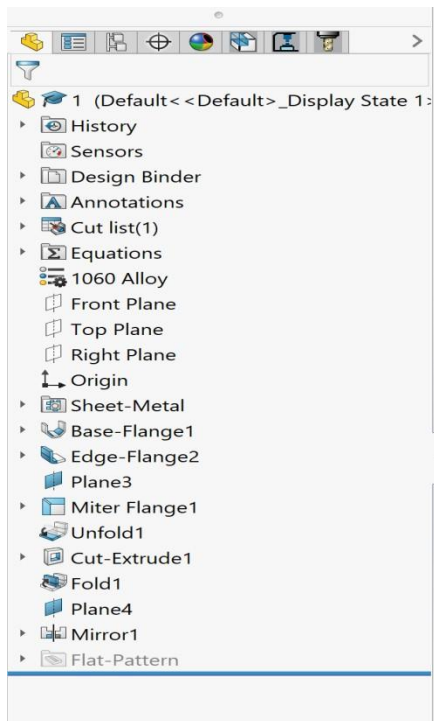
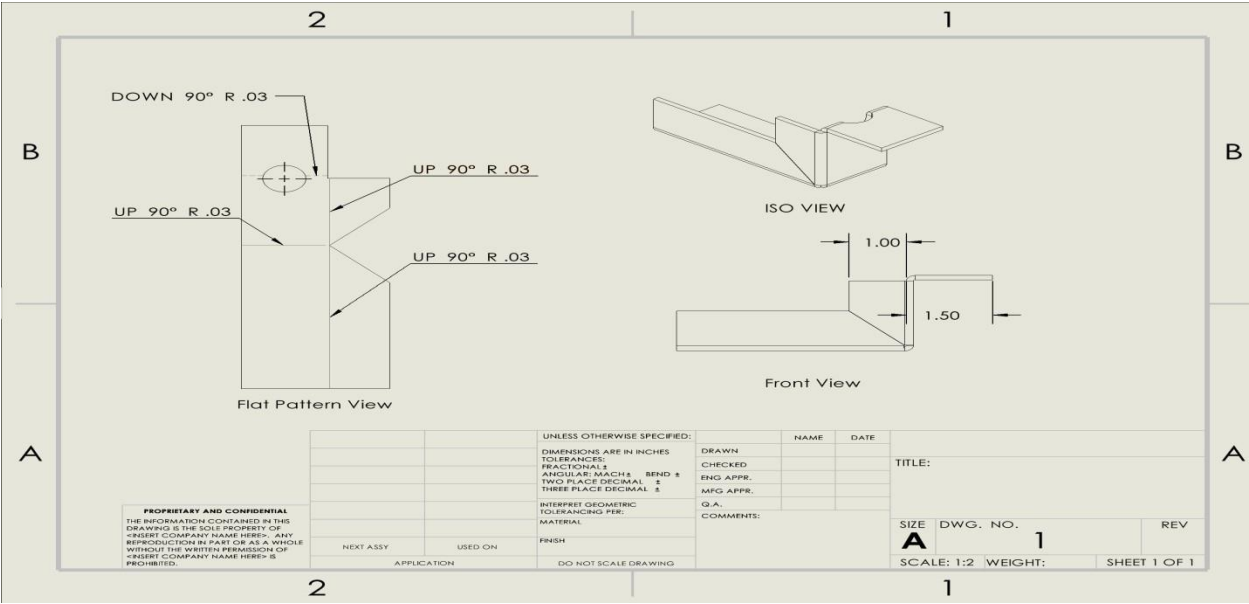


## PART DESIGN PROJECT

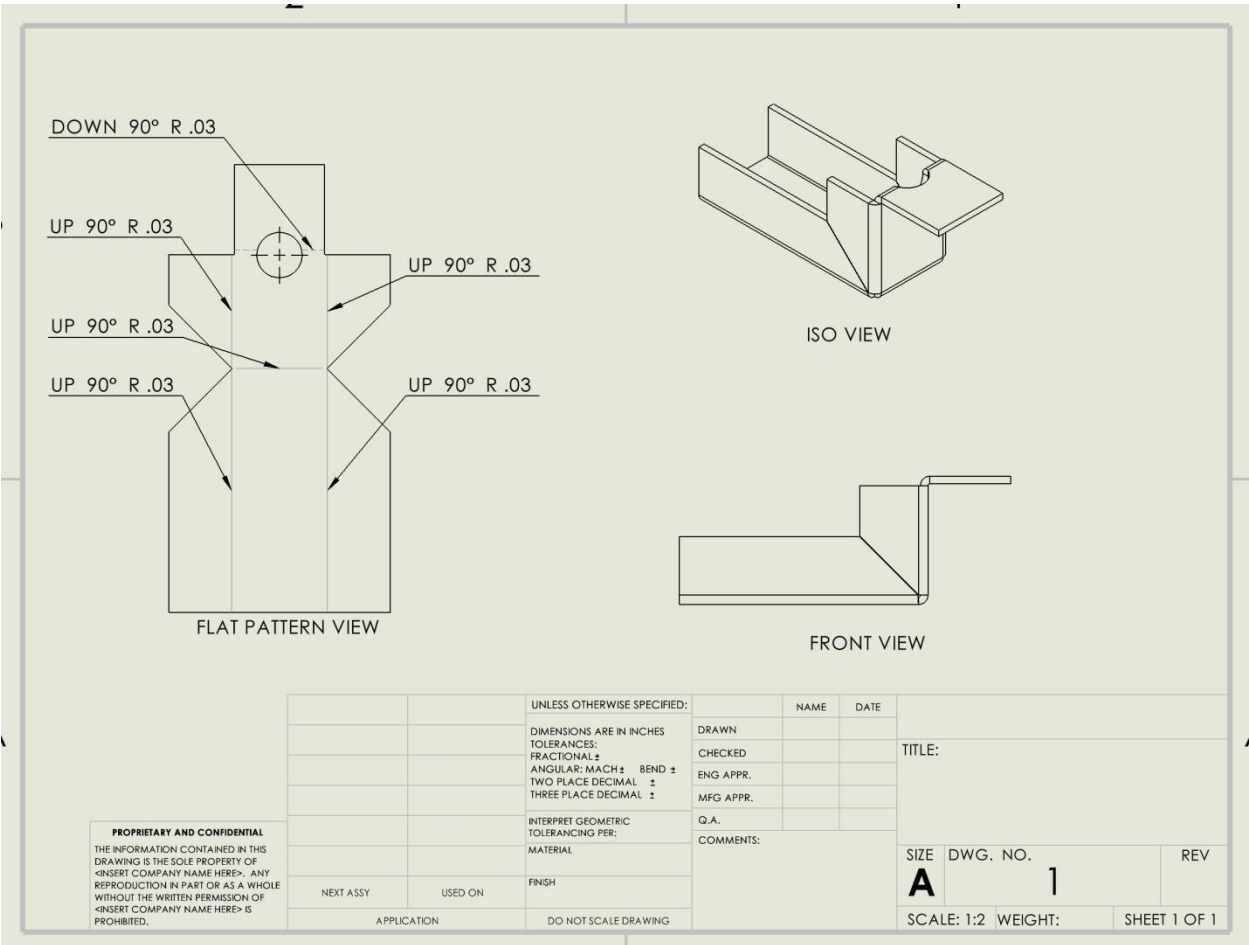


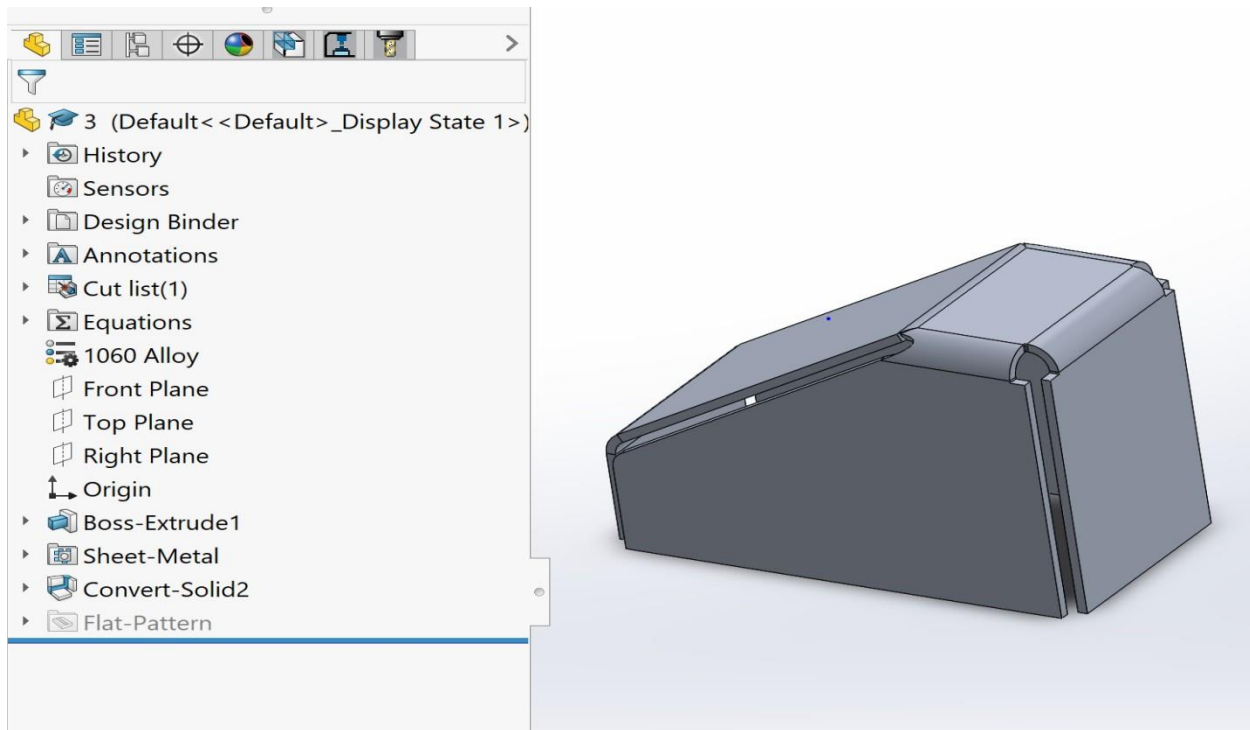
Hands-on



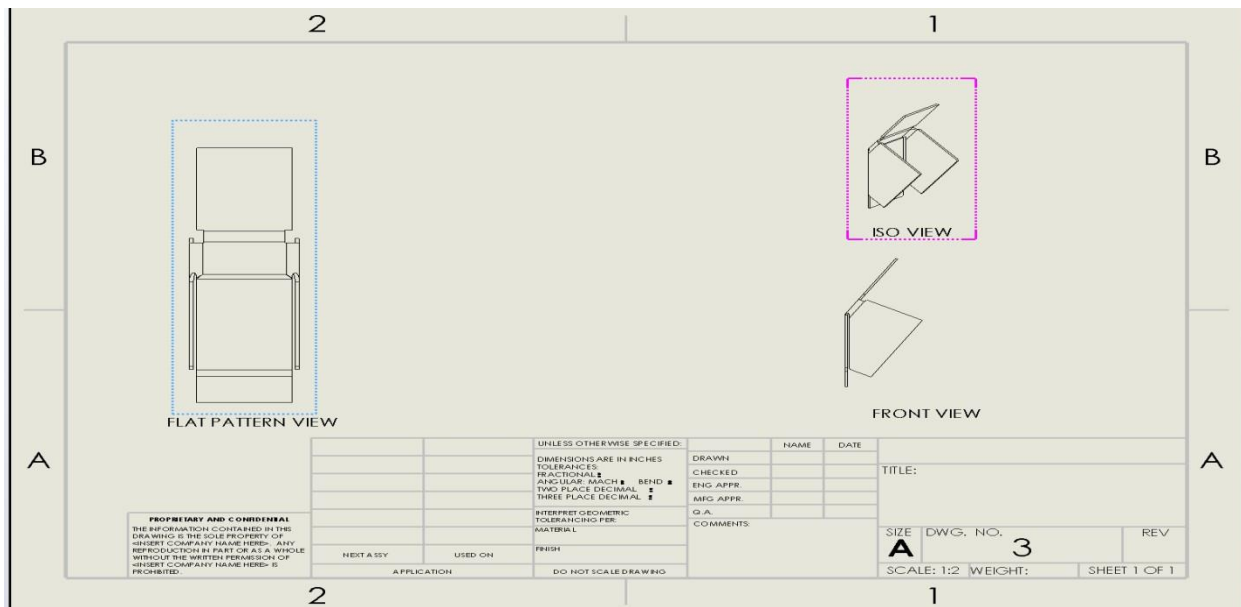


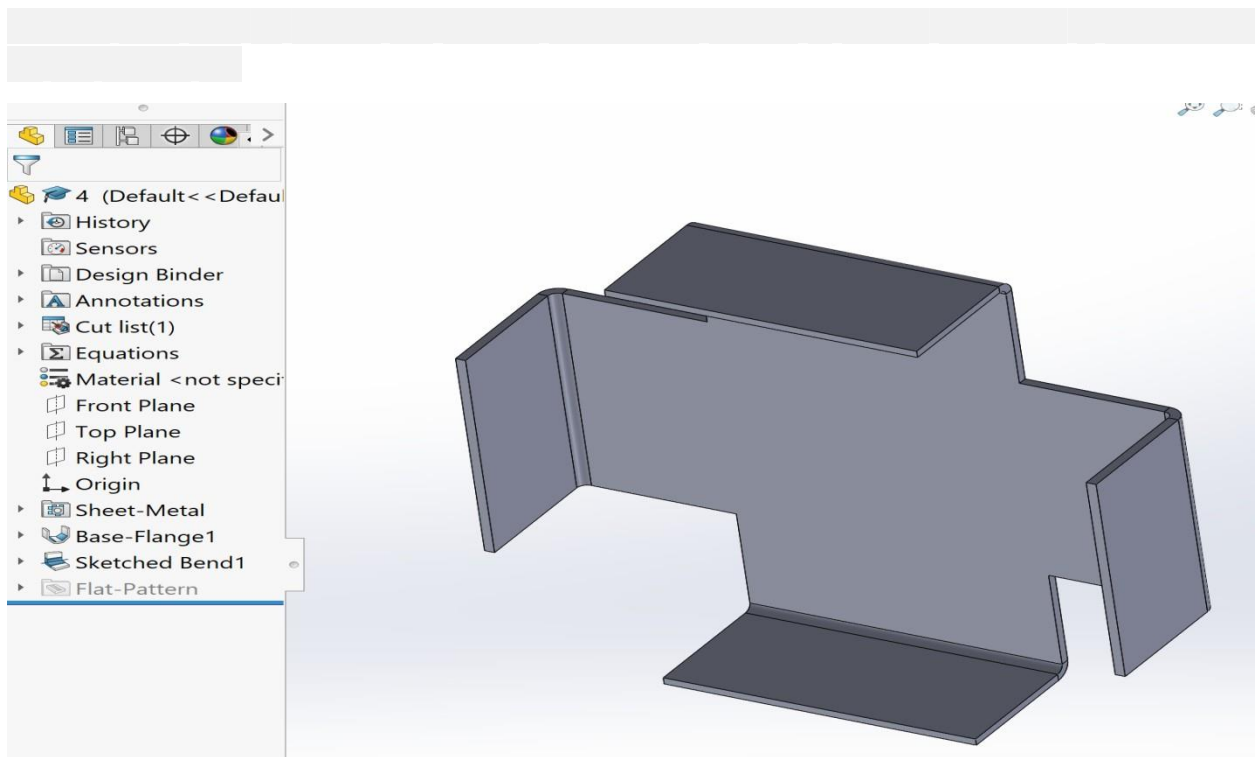
Hands-on



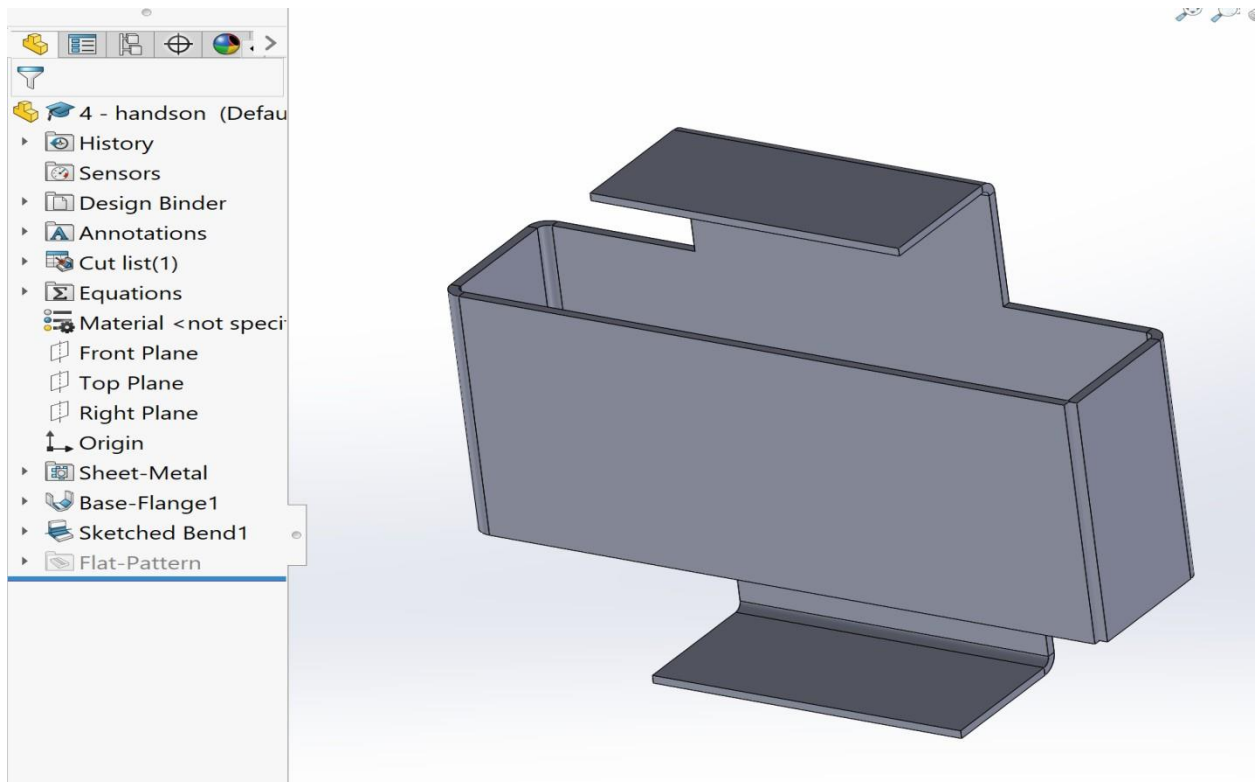


## Hands-on

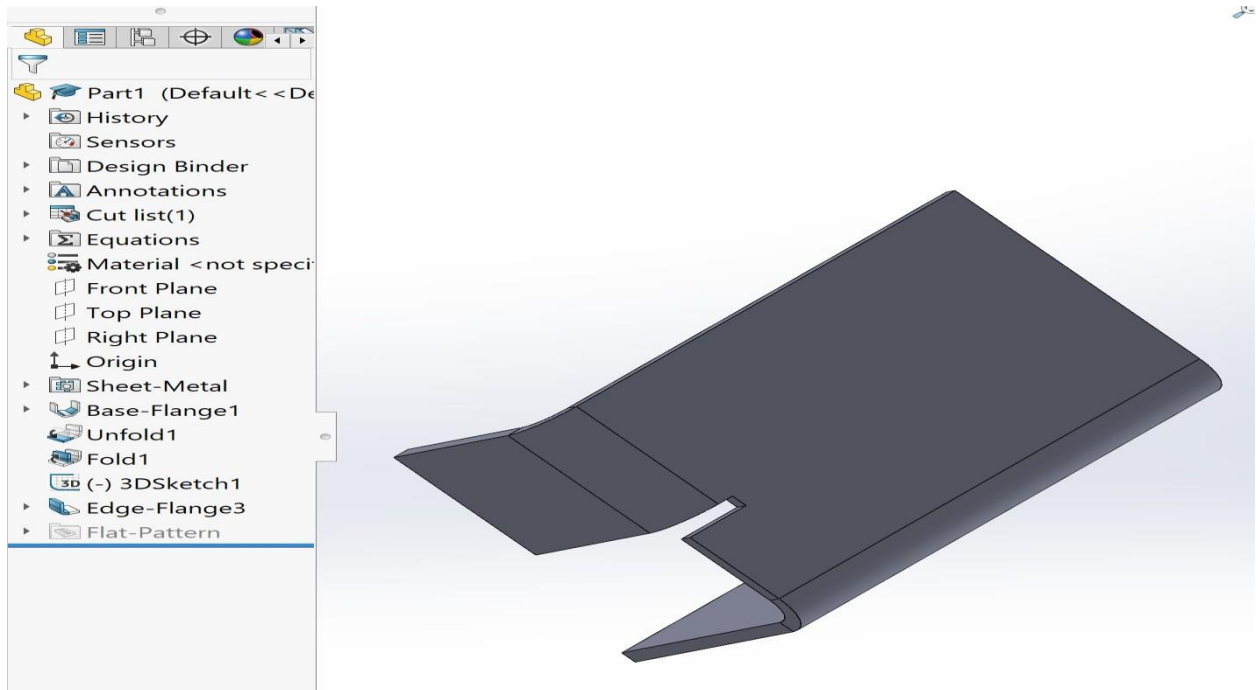




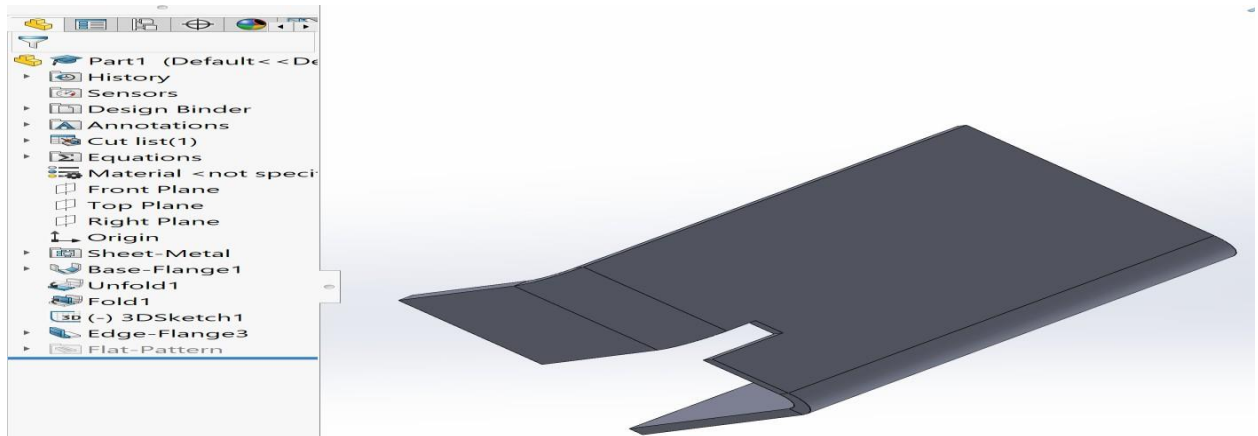
## Hands-on



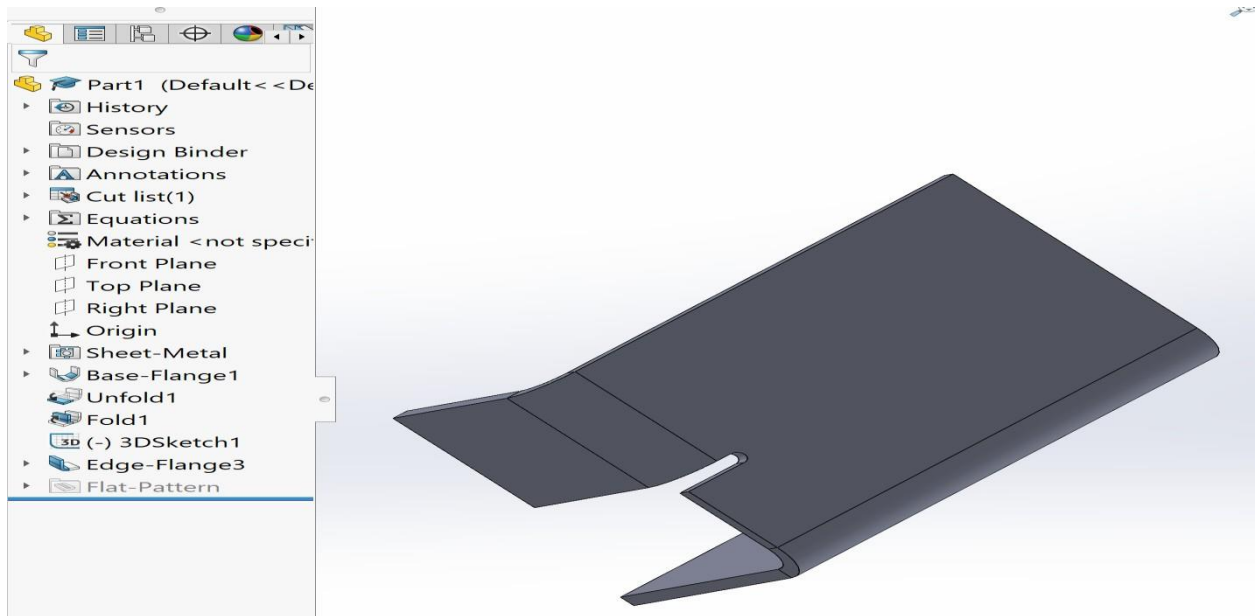
## Rectangular – Auto relief = 1



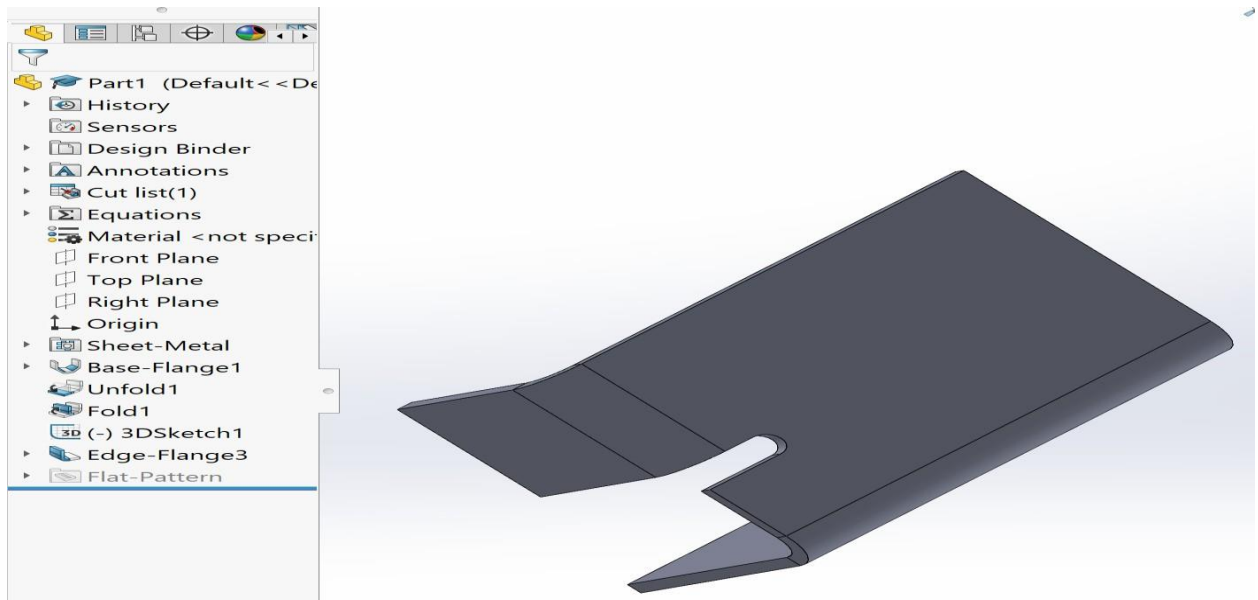
## Auto relief = 2



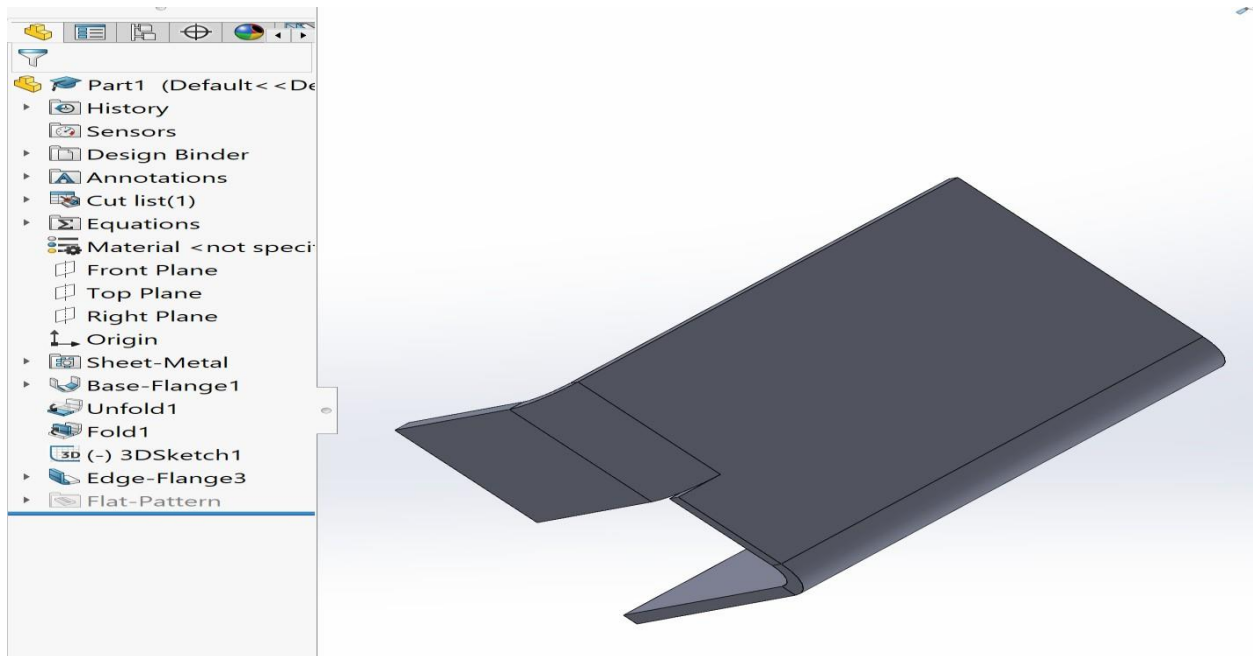
Oround – Auto relief = 1



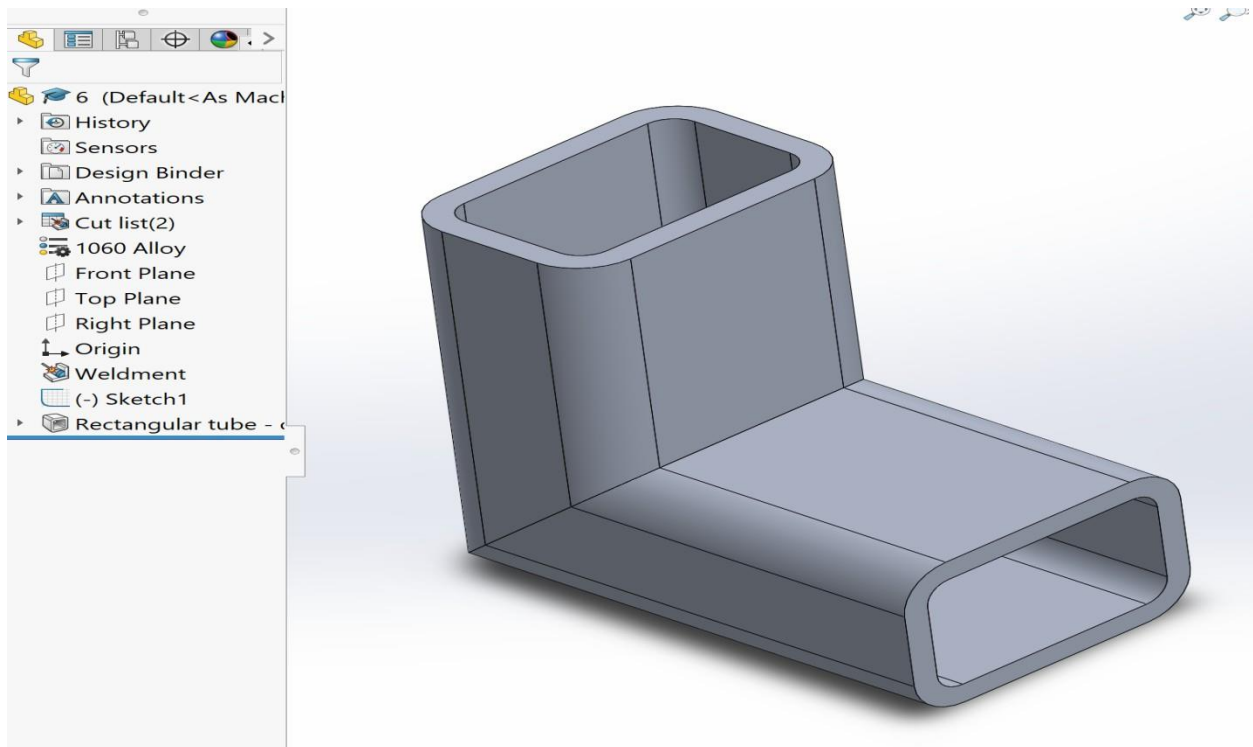
Auto relief = 2



## Tear – Auto relief parameter

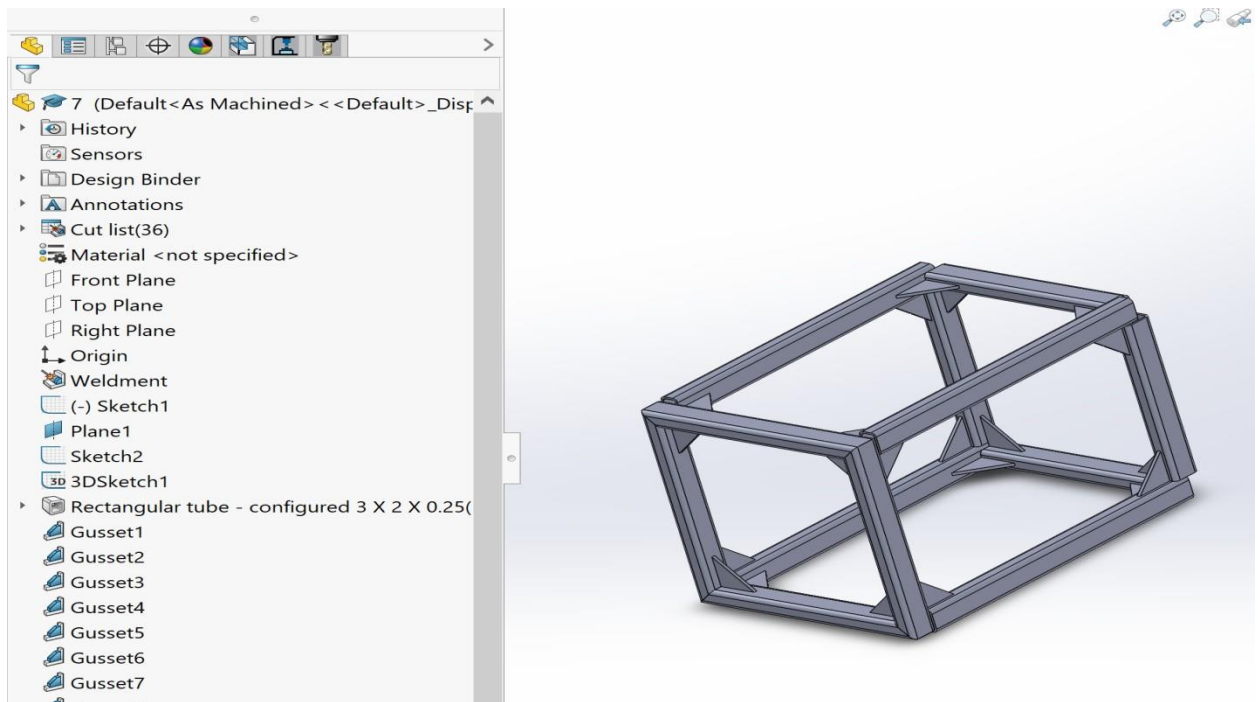
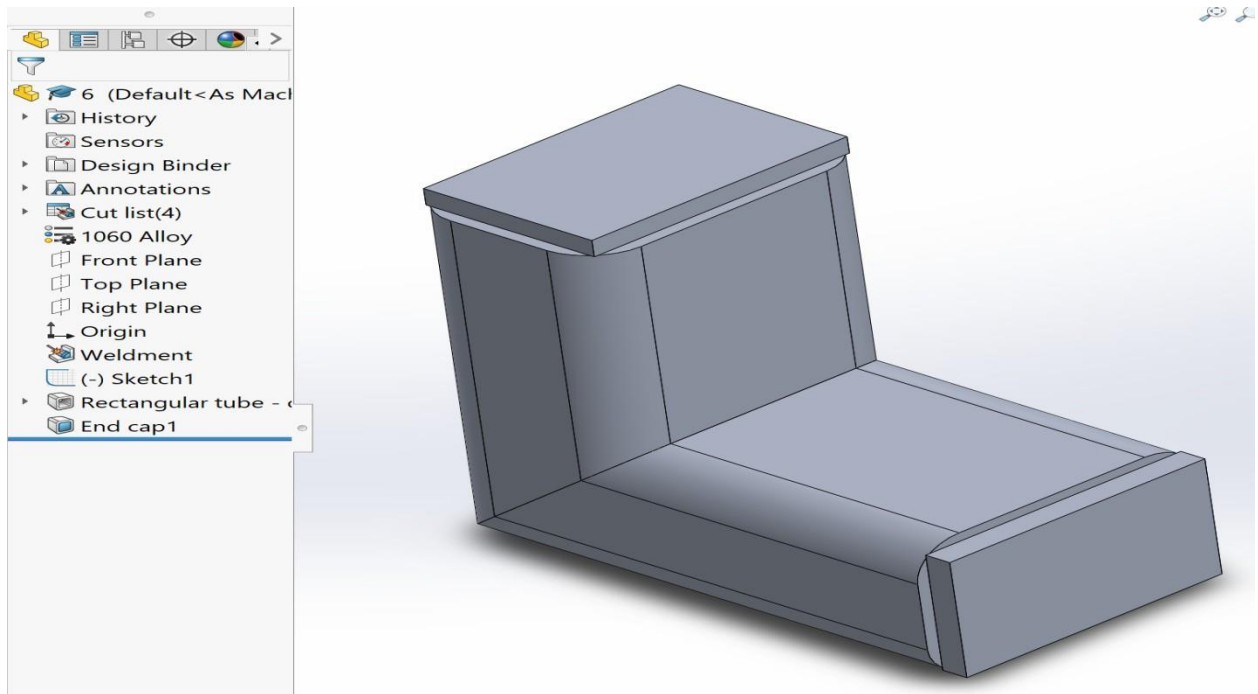


## Before end cap





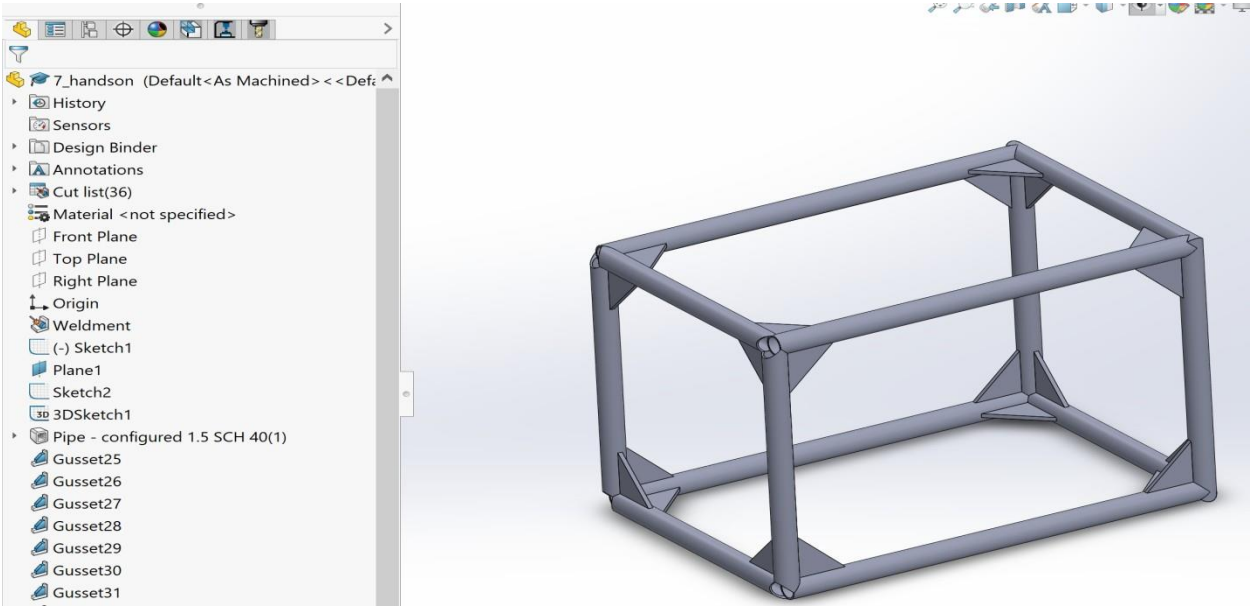
After End cap



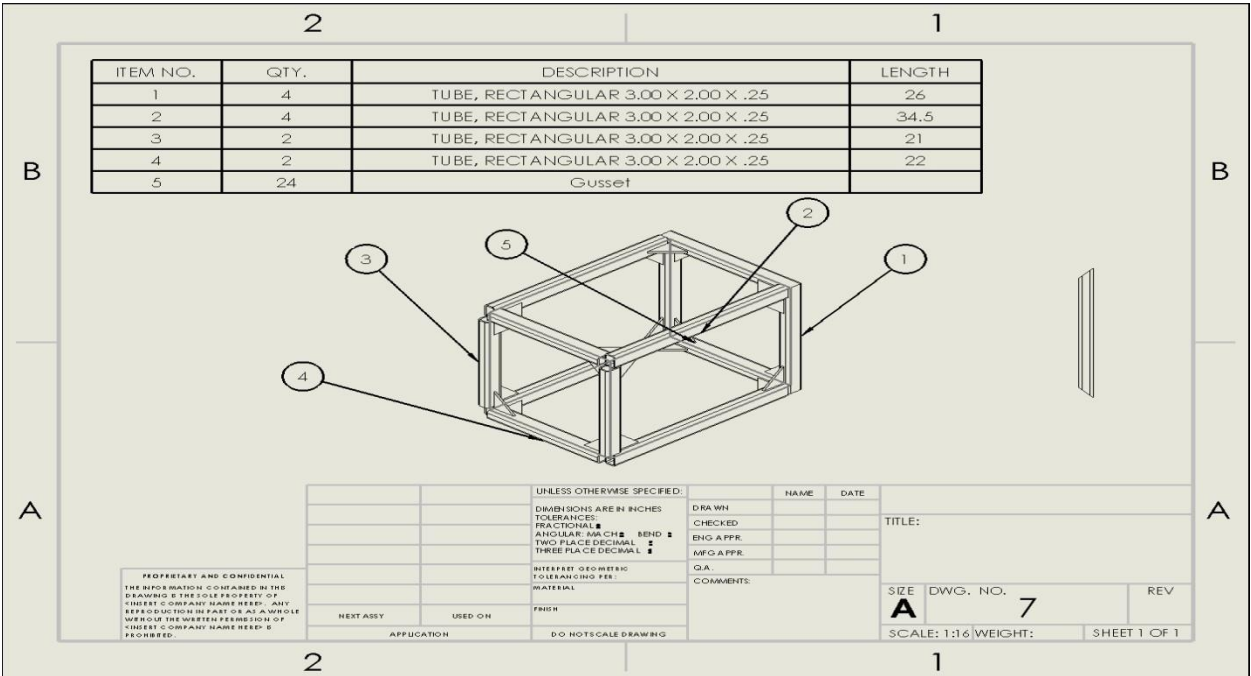


Hands-on

The reason for the failure is the position of the gussets changed and ended up failing in building the gussets with respect to each beam, so had to rebuild the reference to make the gussets in the circular tube.



Tutorial 10.6 (no Hands-on). Submit screenshot shown in Figure 10.13.



## Problem 7 in Chapter 10.

Calculate the flat length of the sheet metal shown in Figure 10.1 . Use the following parameters: material is aluminum,  $L_1 = L_2 = 100$  mm,  $T = 5$  mm,  $R = 10$  mm,  $A = 90^\circ$ , and the K-Factor for aluminum = 0.485.

The length is = 199.52 mm

