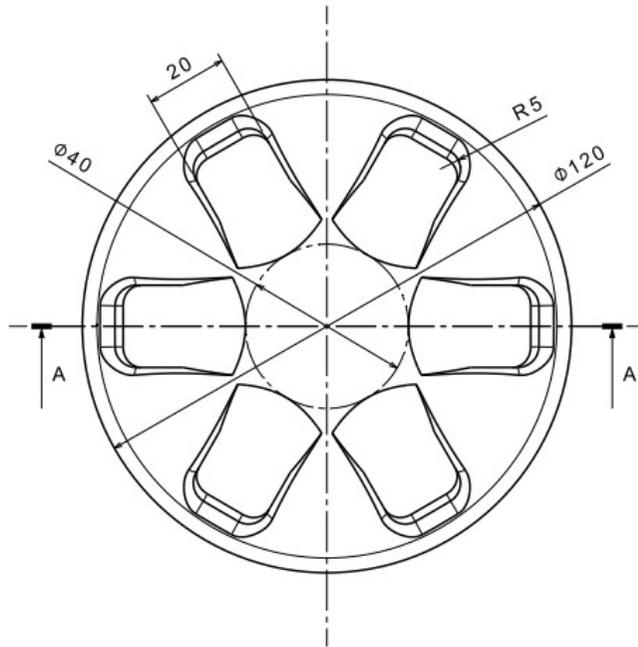
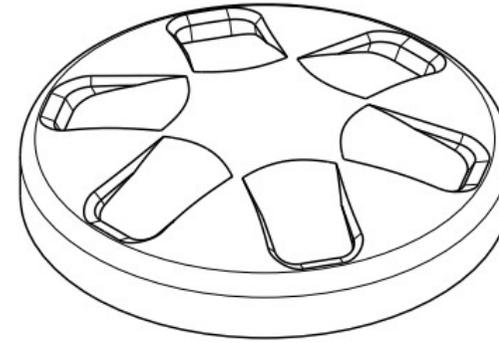
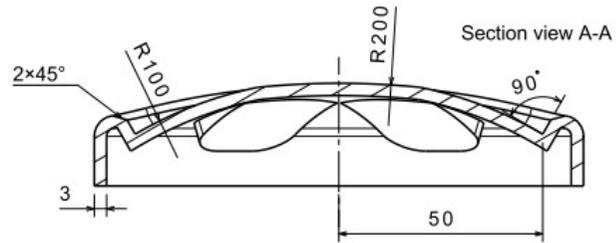


1. Generative Shape Design 기능을 사용하여 아래 도면의 모델을 완성하시오. (30 pts)

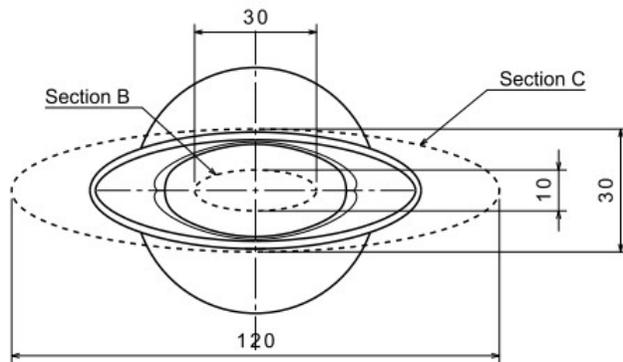
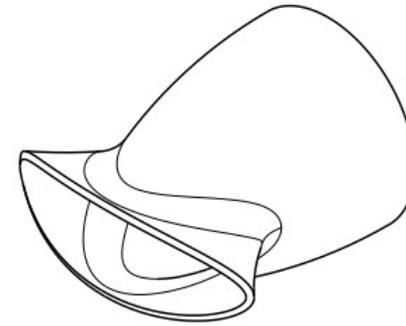
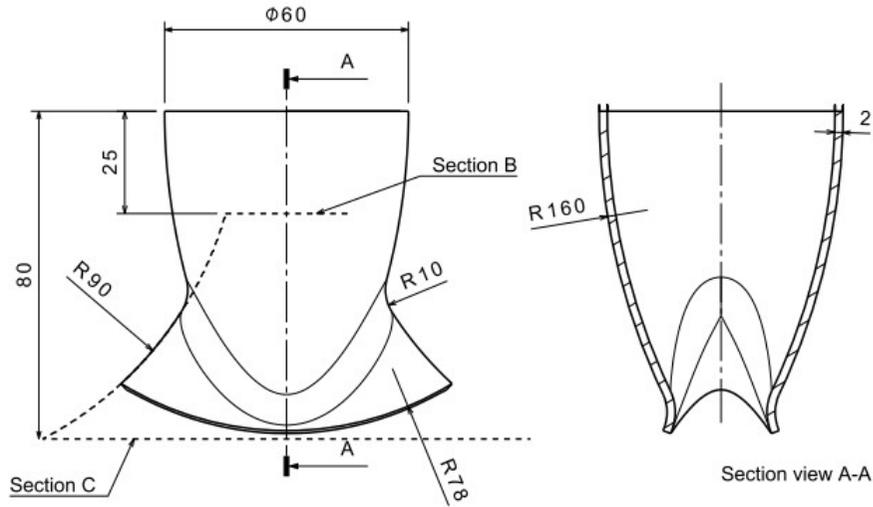


- Surface를 모델링한 뒤 Part Design의 Thick Surface 기능을 사용할 것



- Chamfer는 가장 마지막에 Part Design에서 수행할 것

2. Generative Shape Design 기능을 사용하여 아래 도면의 모델을 완성하십시오. (30 pts)

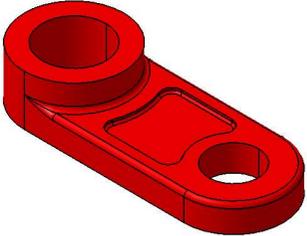
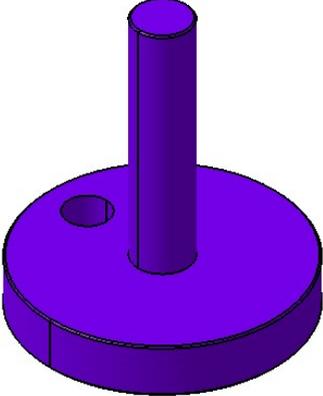
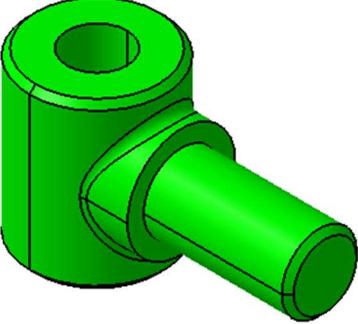
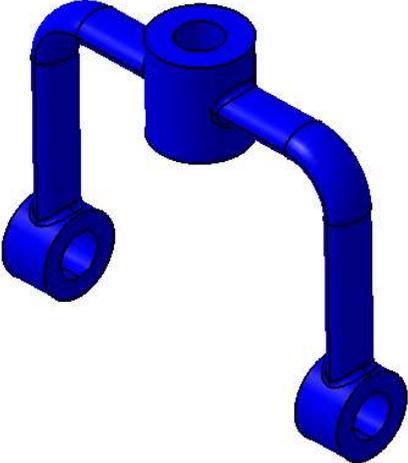
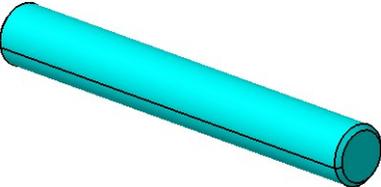
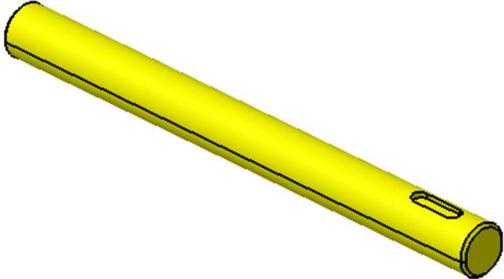


Hint

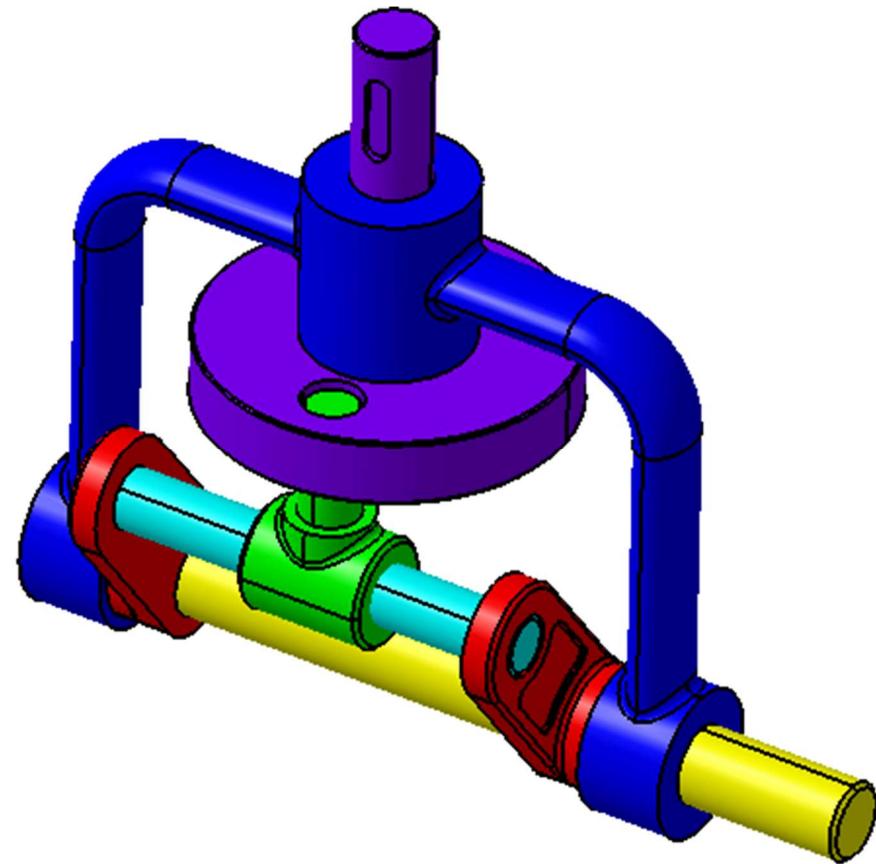
- 도면의 굵은 점선은 모델링을 위한 부연설명임
- Multi-section Surface 
- Thick Surface 

3. 아래 나열된 Part로 Assemble하여 Product를 만들고 Oscillation mechanism을 구현하시오. (20 pts)

4. Drive Shaft가 3바퀴 회전할 동안 Oscillating Shaft의 회전각도를 그래프로 나타내시오. (20 pts)

		
Arm (x2)	Drive Shaft	Tube
		
Frame	Intermediate Shaft	Oscillating Shaft

- OscillationMechanism
- Frame (Frame.1)
- OscillatingShaft (OscillatingShaft.1)
- Arm (Arm.1)
- Arm (Arm.2)
- IntermediateShaft (IntermediateShaft.1)
- Tube (Tube.1)
- DriveShaft (DriveShaft.1)
- Constraints
- Applications

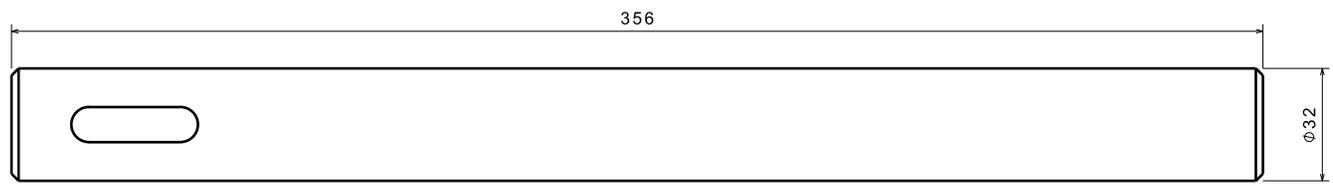
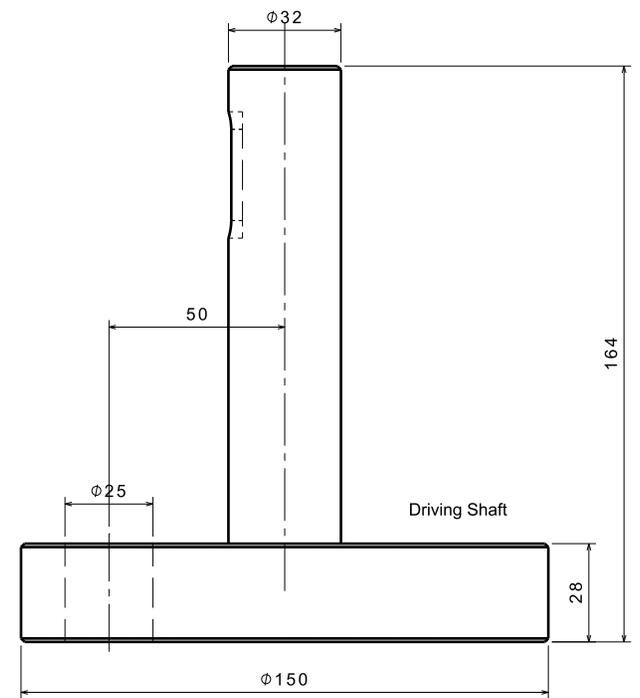
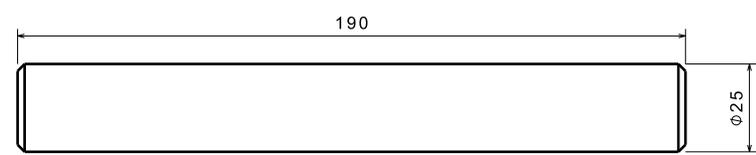
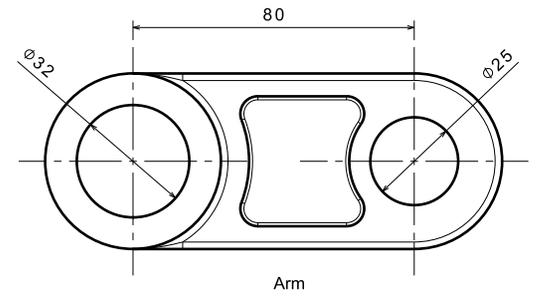
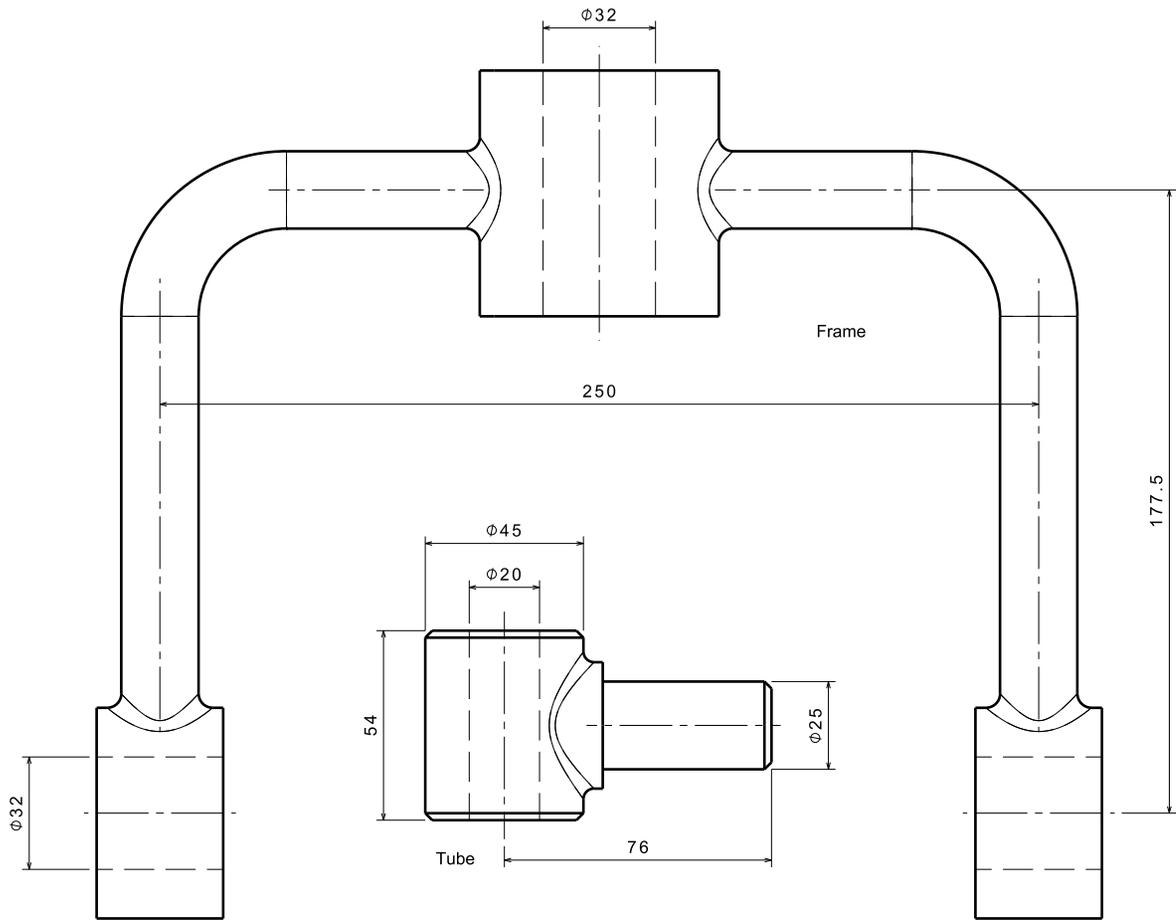


제출해야 할 파일 목록 (하나의 압축파일로 제출):

20XXXXXXXX_GildongHong_final.zip

- 20XXXXXXXX_GildongHong_prob1.CATPart
 - 20XXXXXXXX_GildongHong_prob2.CATPart
 - arm.CATPart
 - drive_shaft.CATPart
 - frame.CATPart
 - intermediate_shaft.CATPart
 - oscillating_shaft.CATPart
 - tube.CATPart
- } 기본 제공 파일
- 20XXXXXXXX_GildongHong_prob3.CATProduct
 - 20XXXXXXXX_GildongHong_prob4.jpg (*.png, *.ppt, *.xls, *.doc, *.pdf 등 4번 문제 답이 포함된 파일형식이면 무엇이든 가능)

!!!!파일이 누락되거나 파일 이름 형식이 다르면 감점할 예정이니 여러 번 확인할 것!!!!



Intermediate Shaft

Driving Shaft

Oscillating Shaft

Frame

Arm

Tube