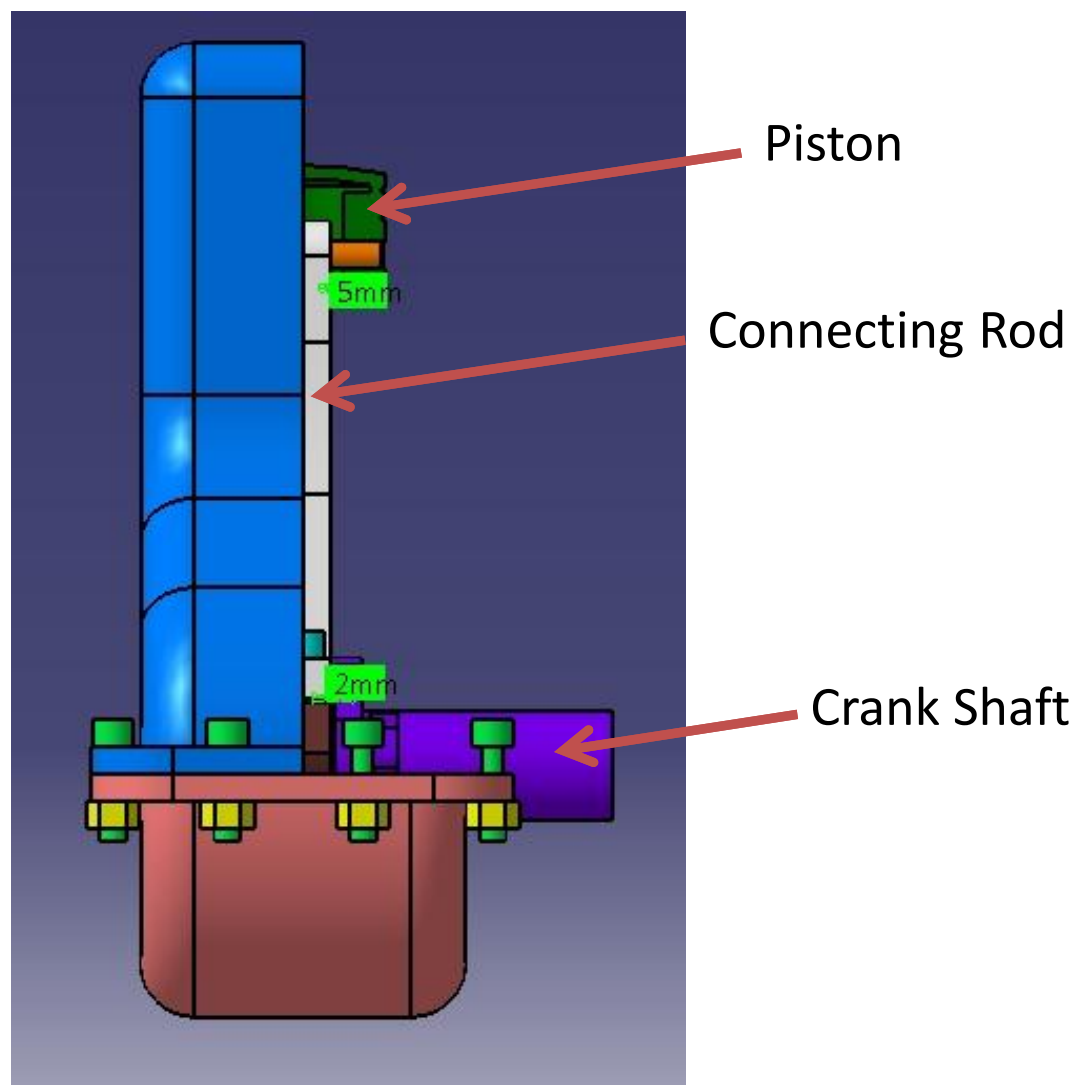
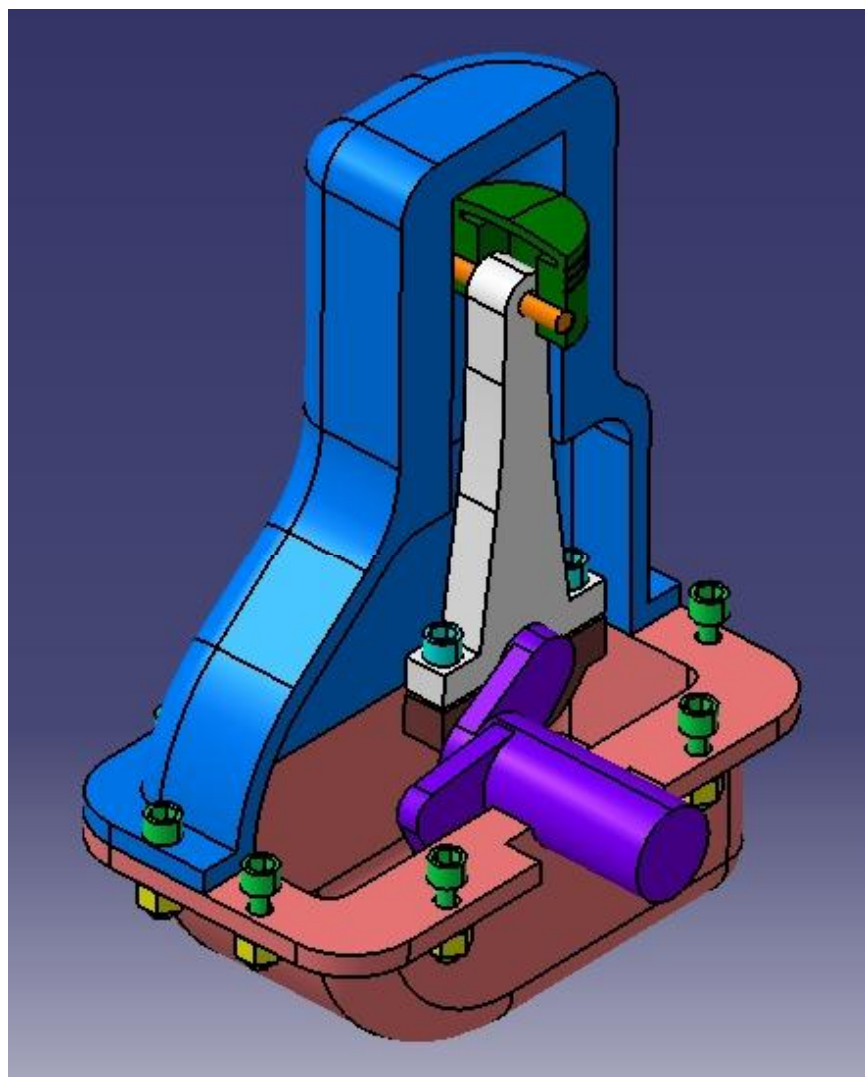


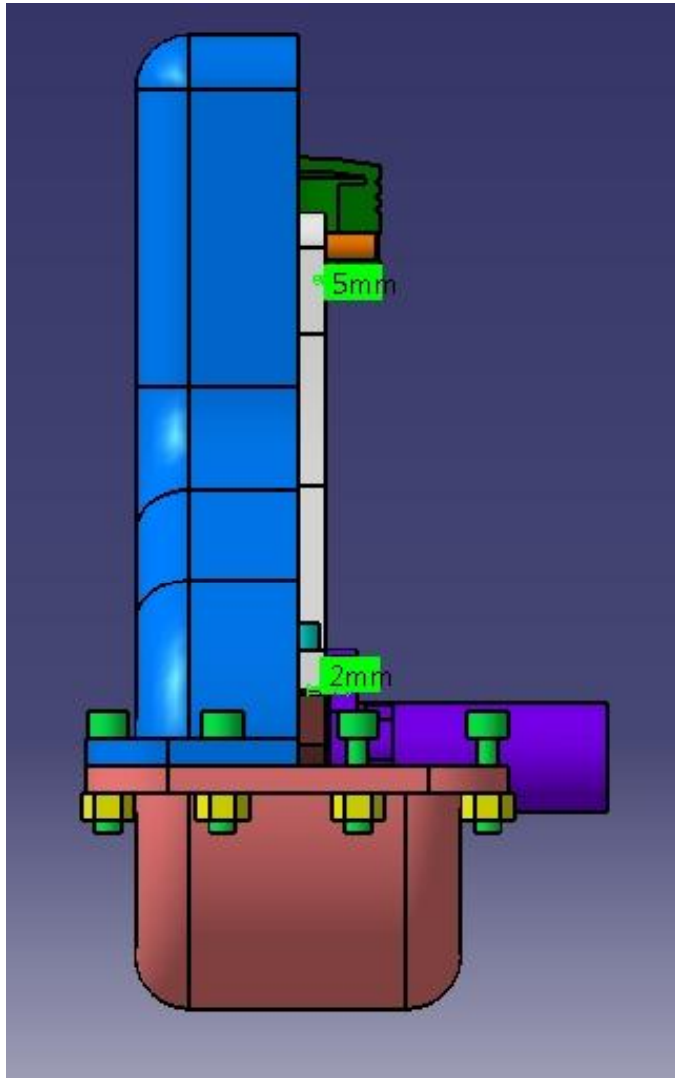
## SINGLE CYLINDER ENGINE ASSEMBLY

BILL OF MATERIAL		
SL.NO.	NOMENCLATURE	QUANTITY
1	Engine Block	1
2	Oil Pan Bolt	9
3	Piston	1
4	Piston Pin	1
5	Connecting Rod	1
6	Connecting Rod Bolt	2
7	Connecting Rod Base	1
8	Oil Pan	1
9	Nut	9
10	Crank Shaft	1



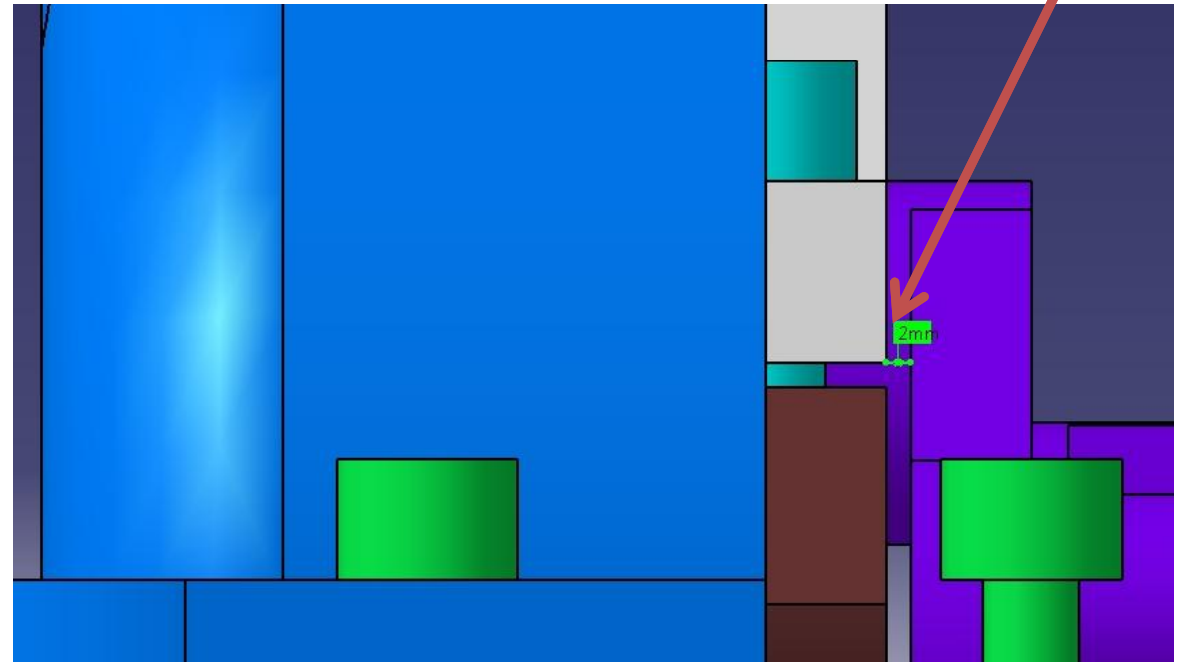
## Assembly Offset Conditions



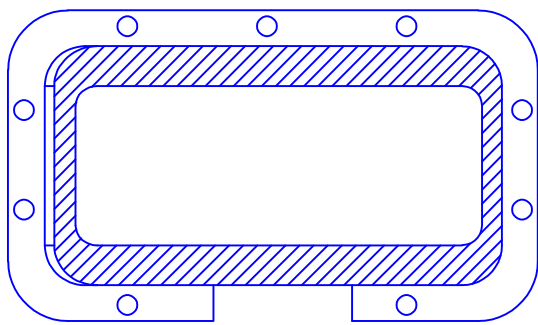
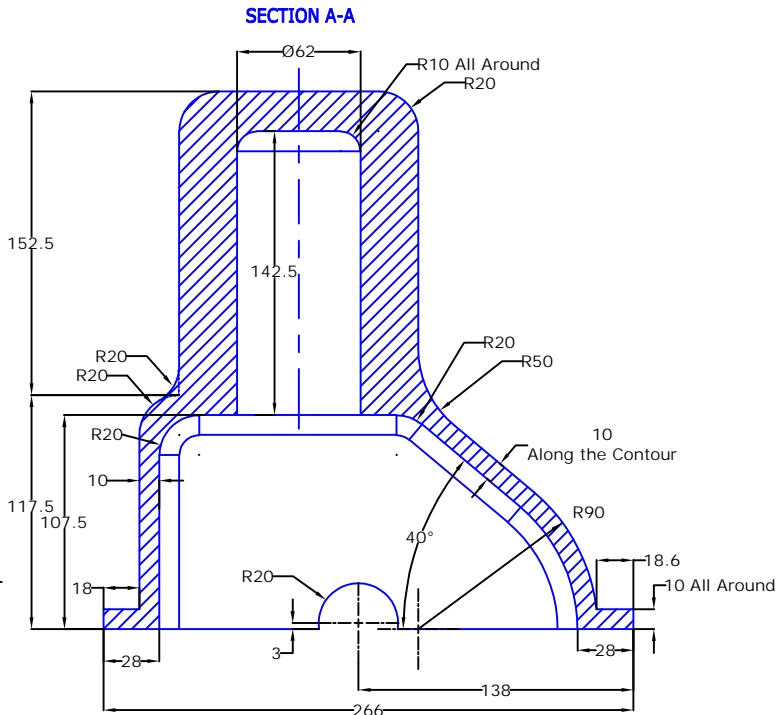
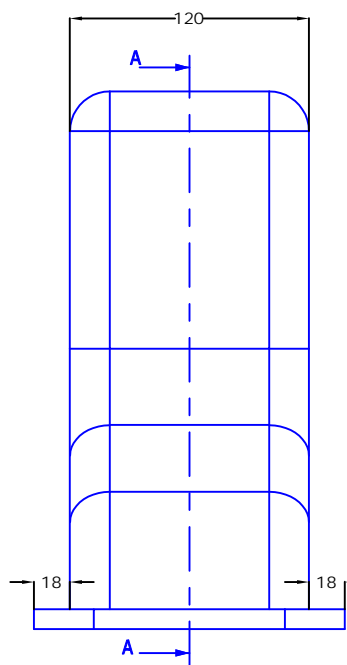
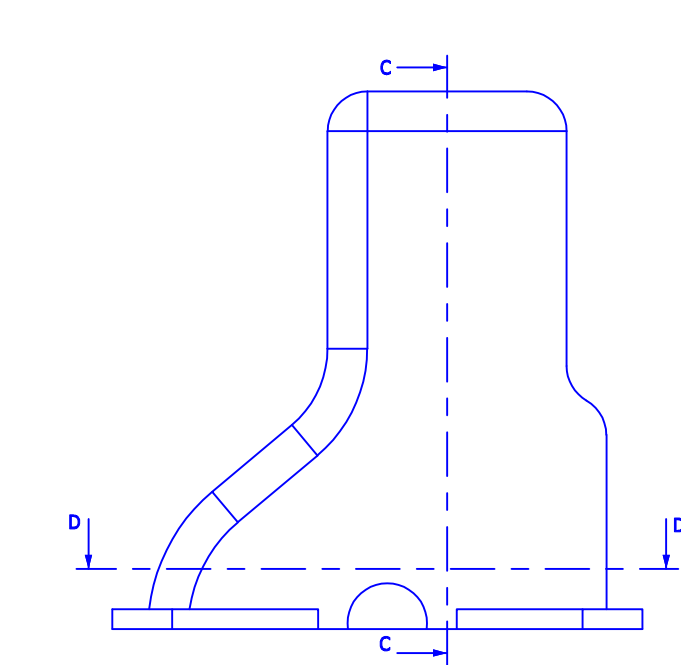
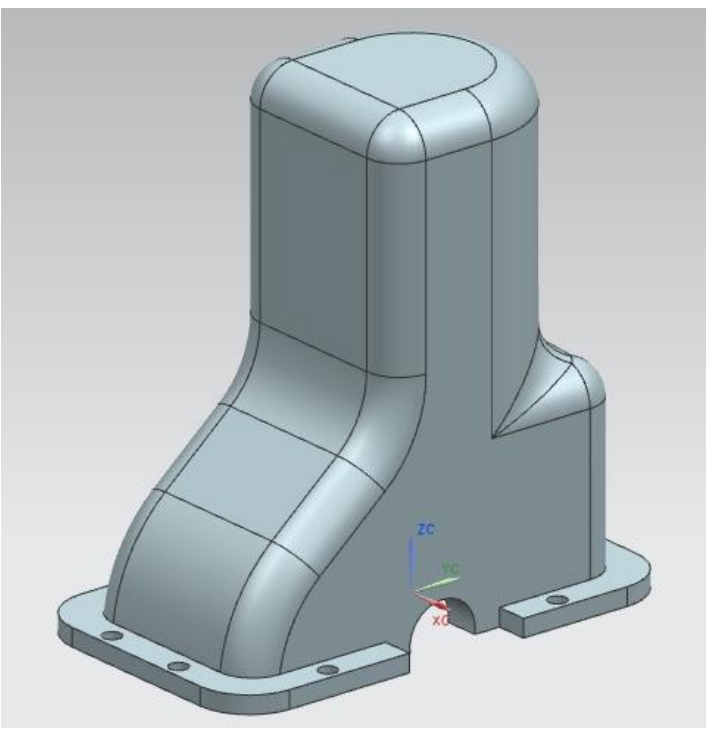
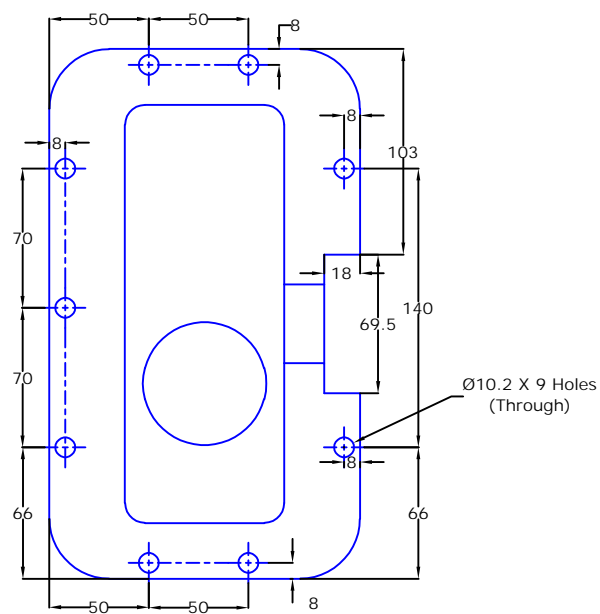
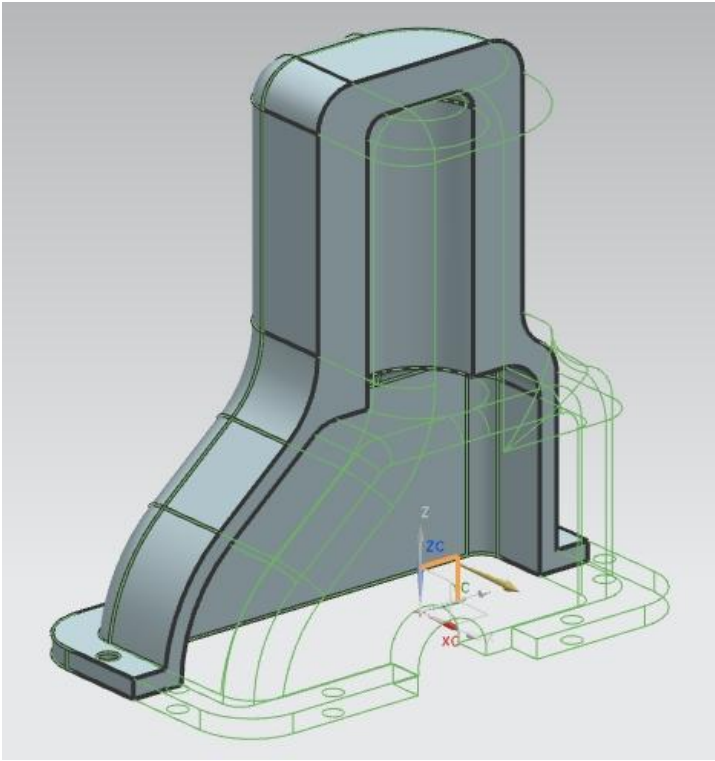


Maintain 5mm gap  
between  
Connecting rod  
and Piston

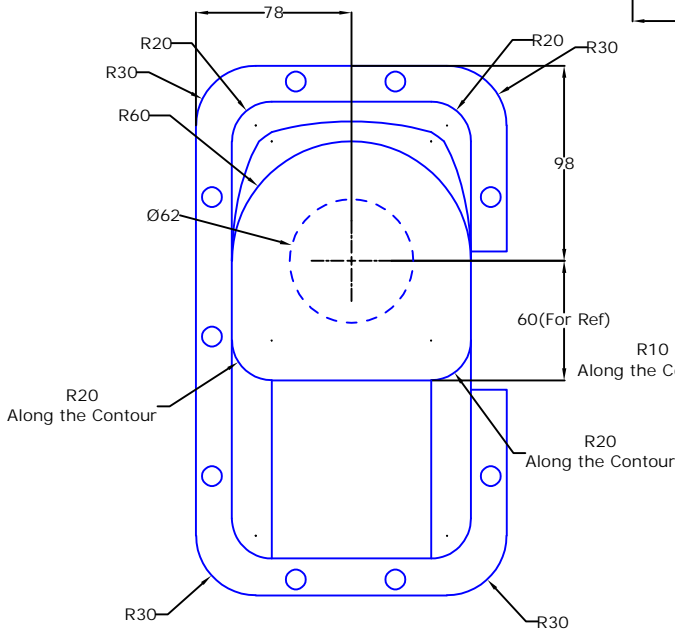
Maintain 2mm gap  
between  
Connecting rod  
and Crank Shaft



Engine Block

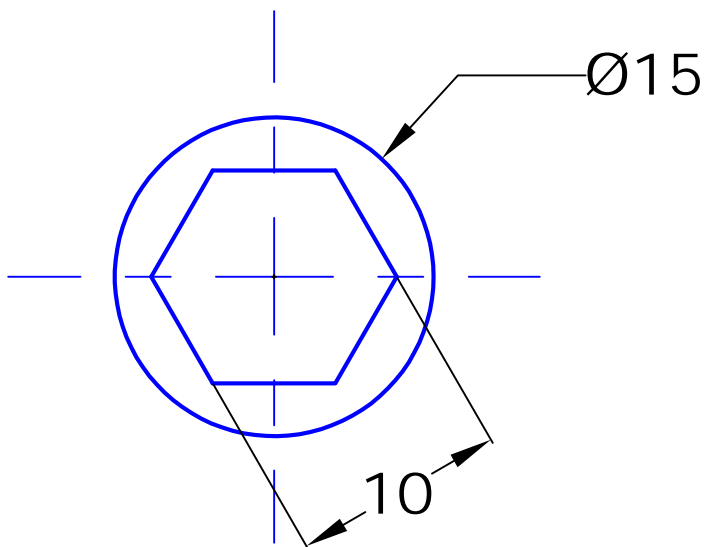
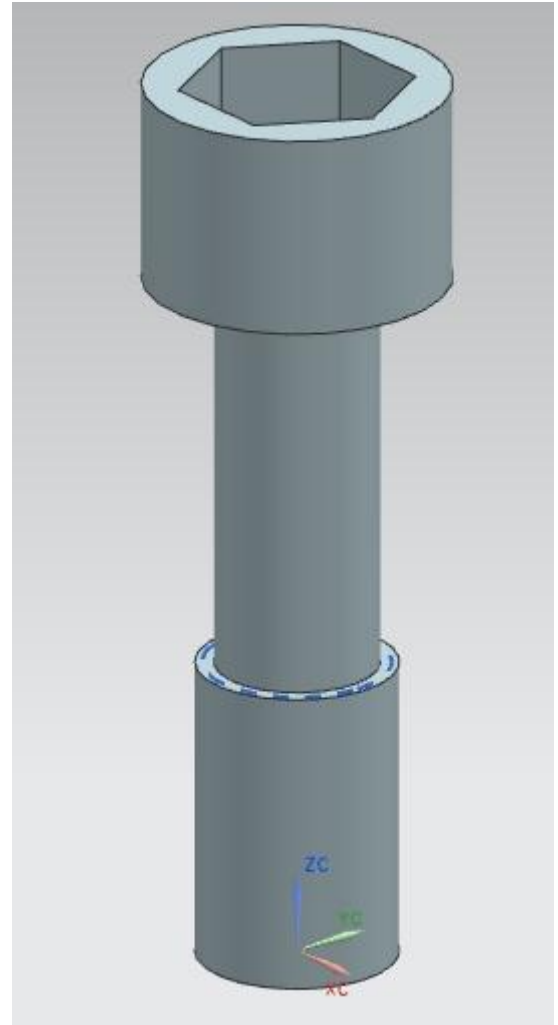
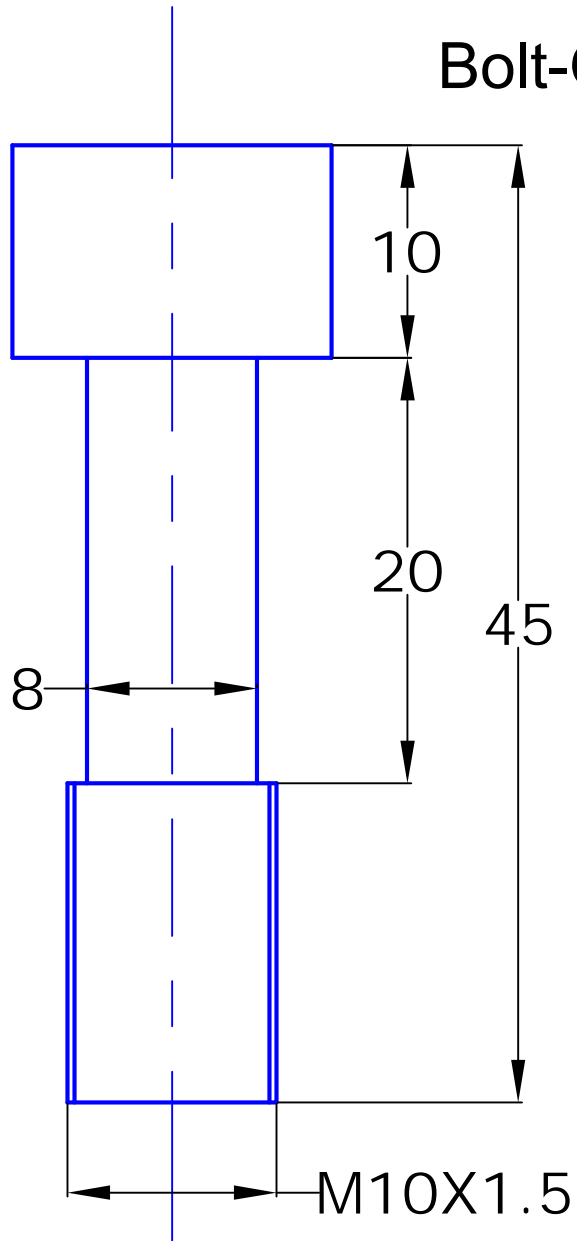


SECTION D-D

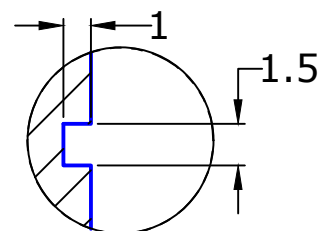
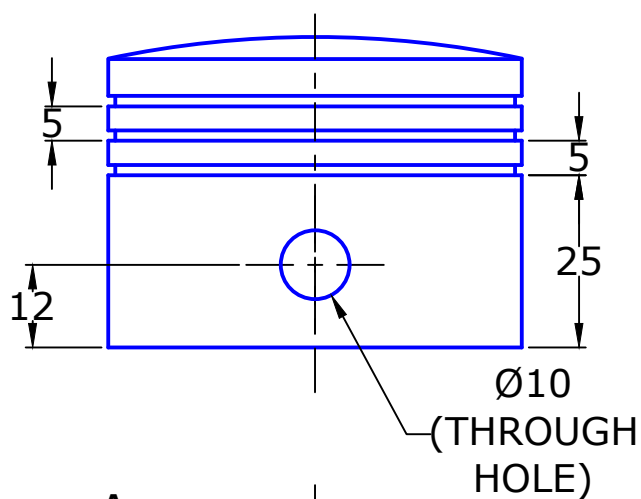
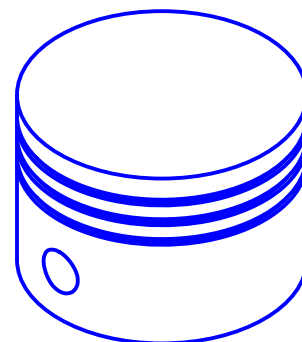
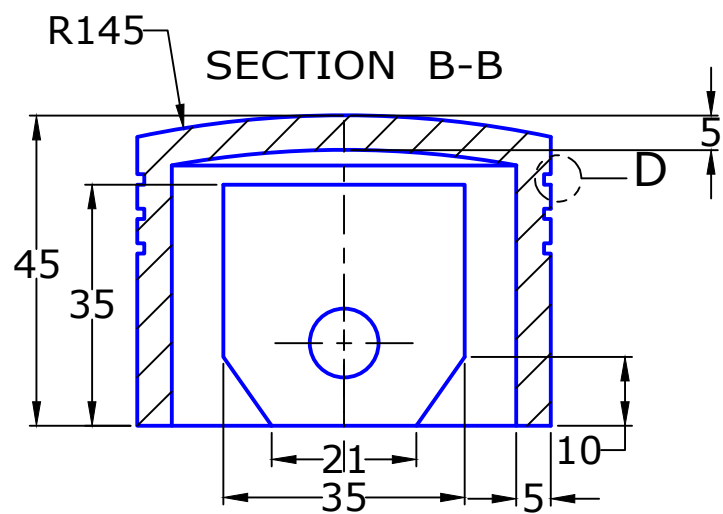


SECTION C-C

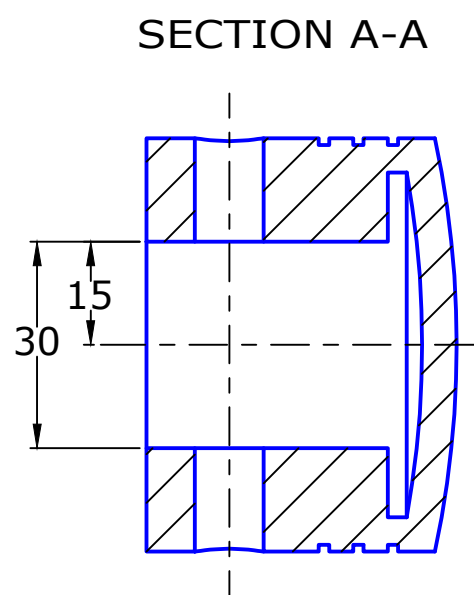
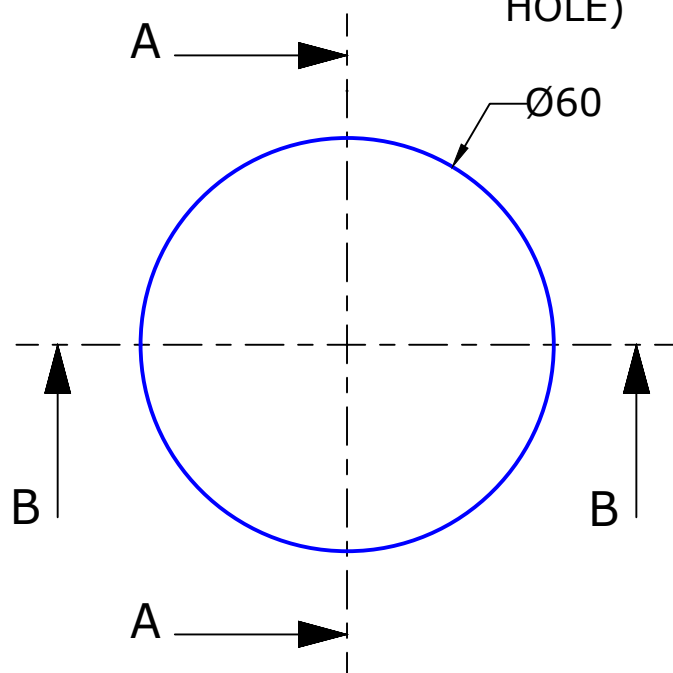
# Bolt-Oil Pan



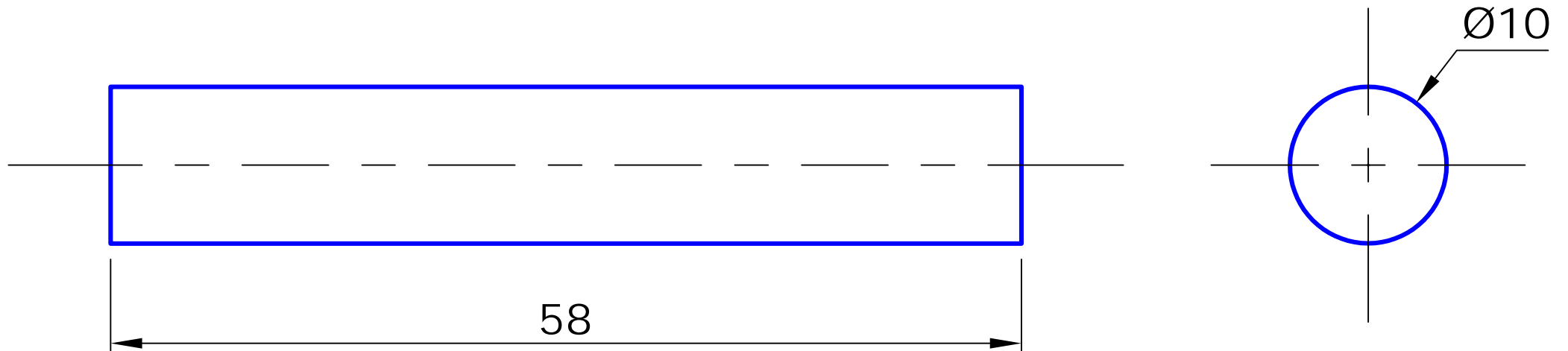
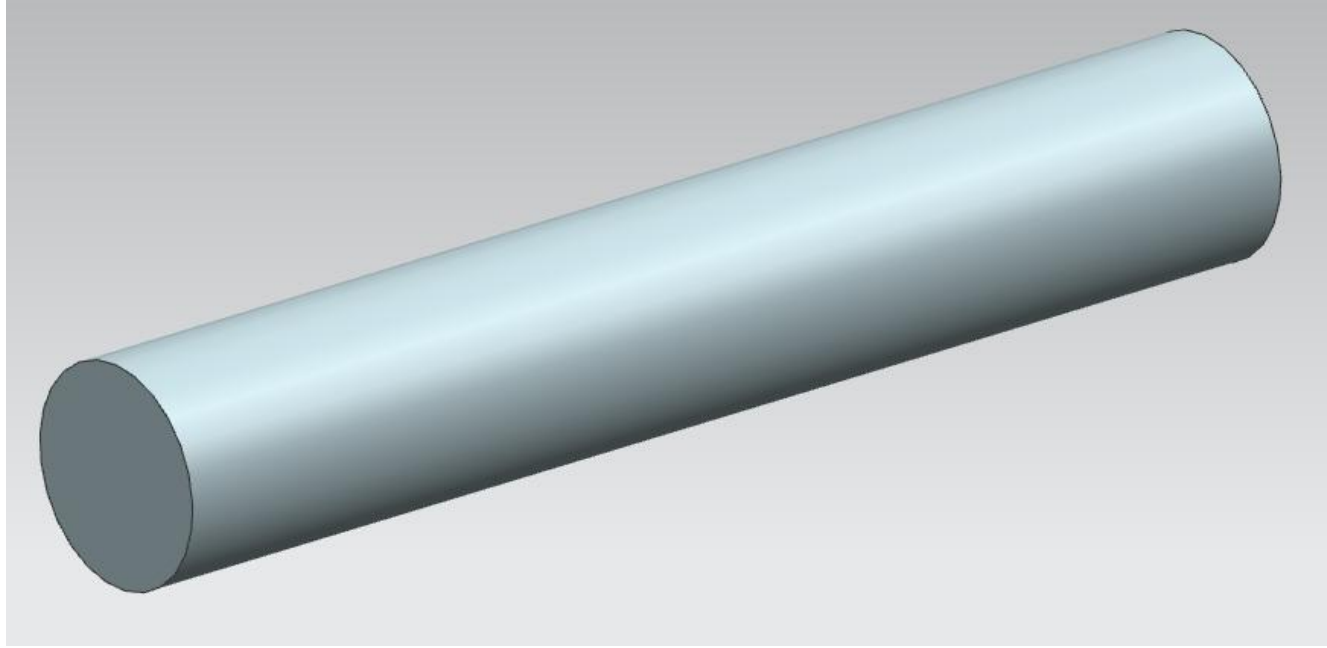
Piston



DETAIL D  
SCALE 4:1

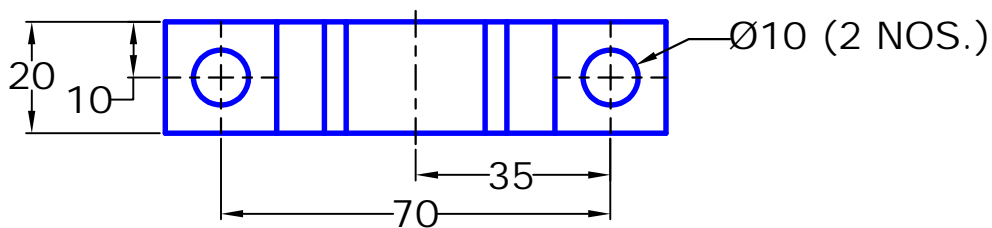
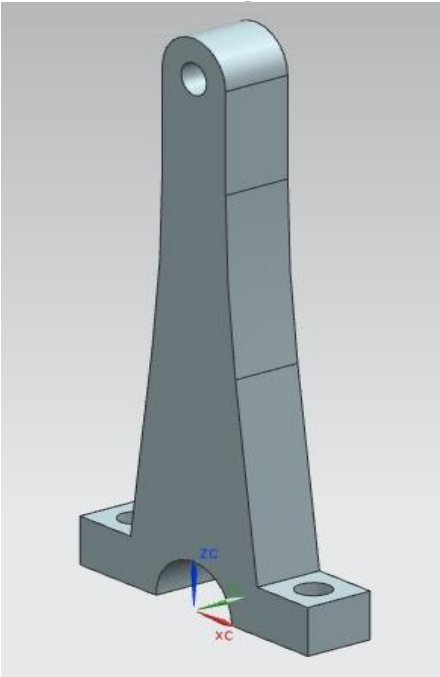
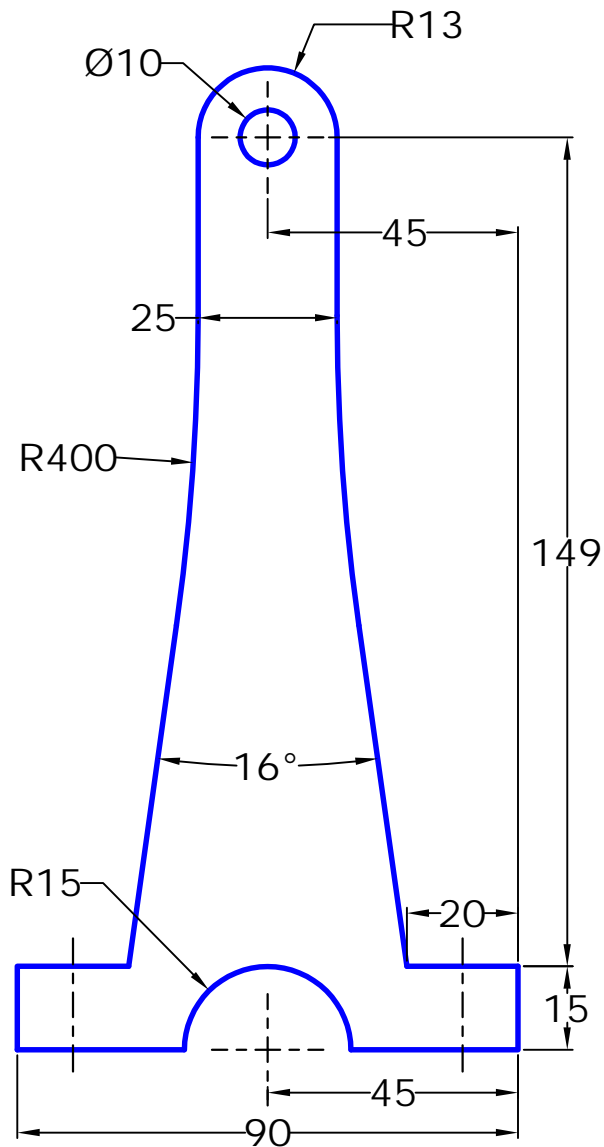


Piston Pin

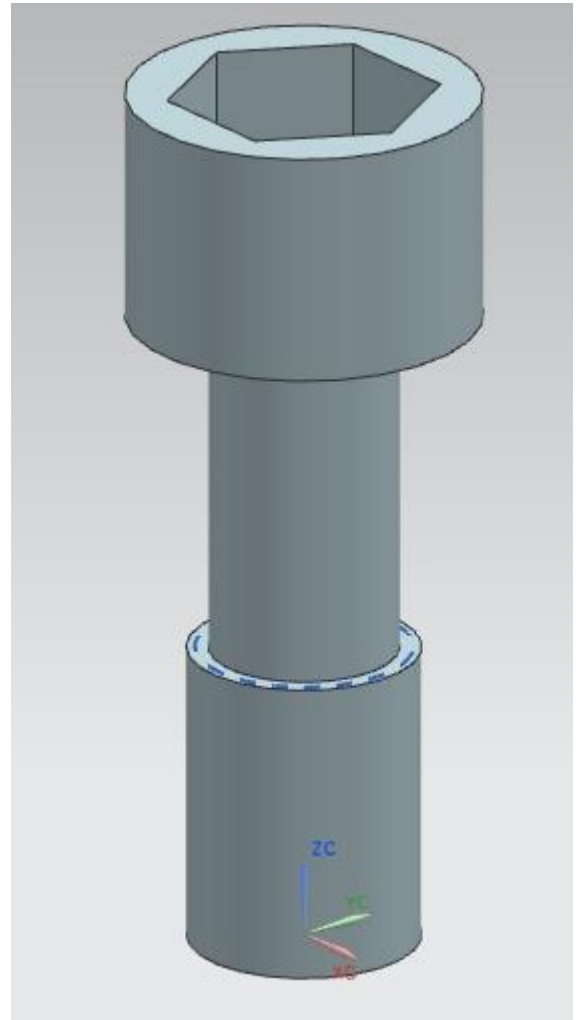
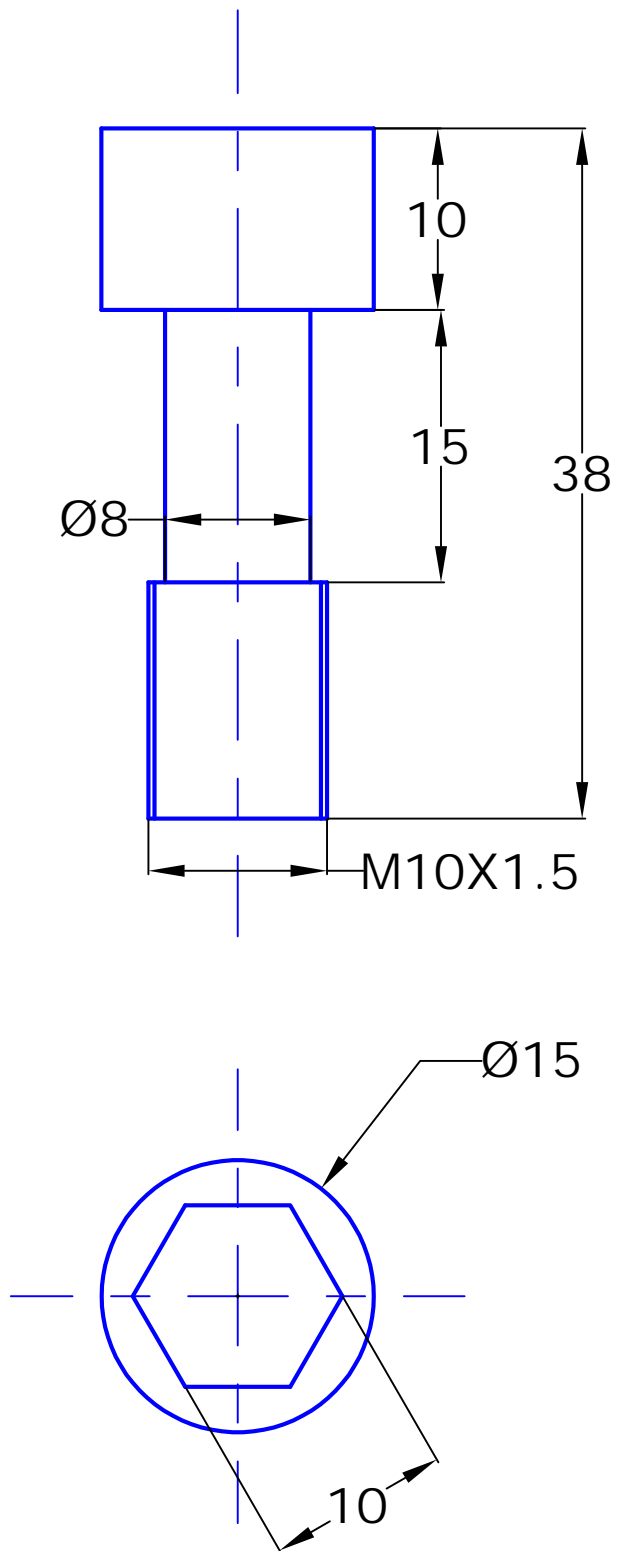




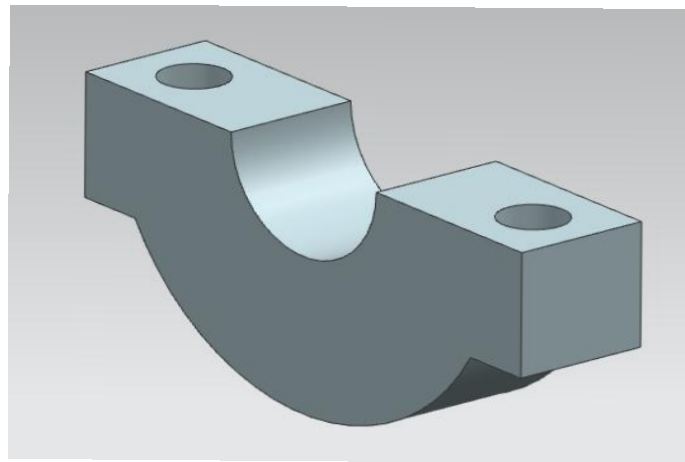
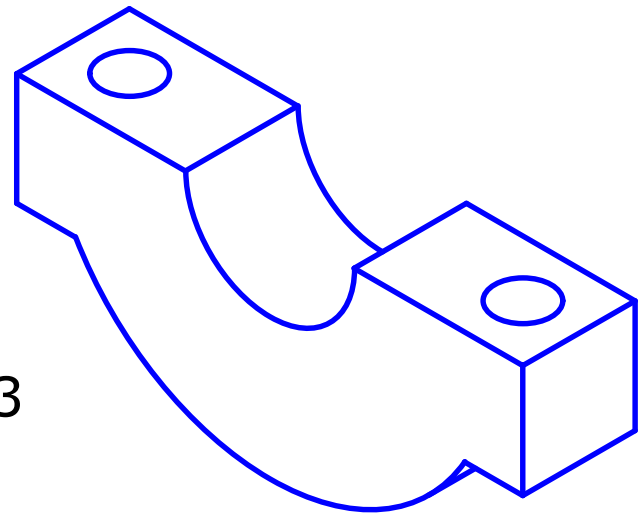
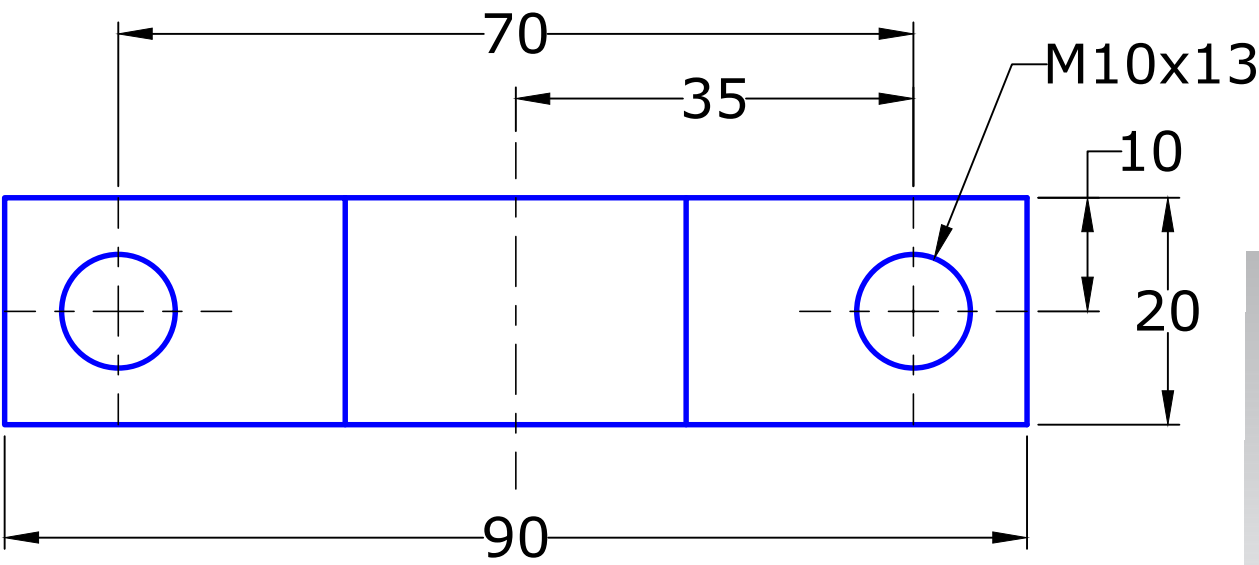
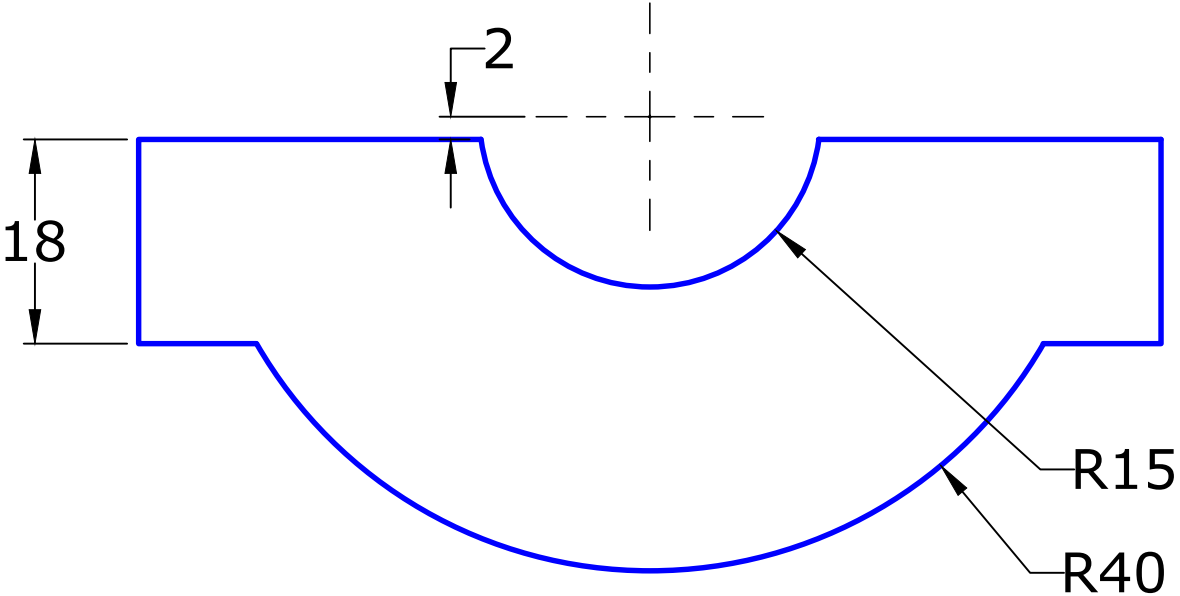
# Connecting Rod



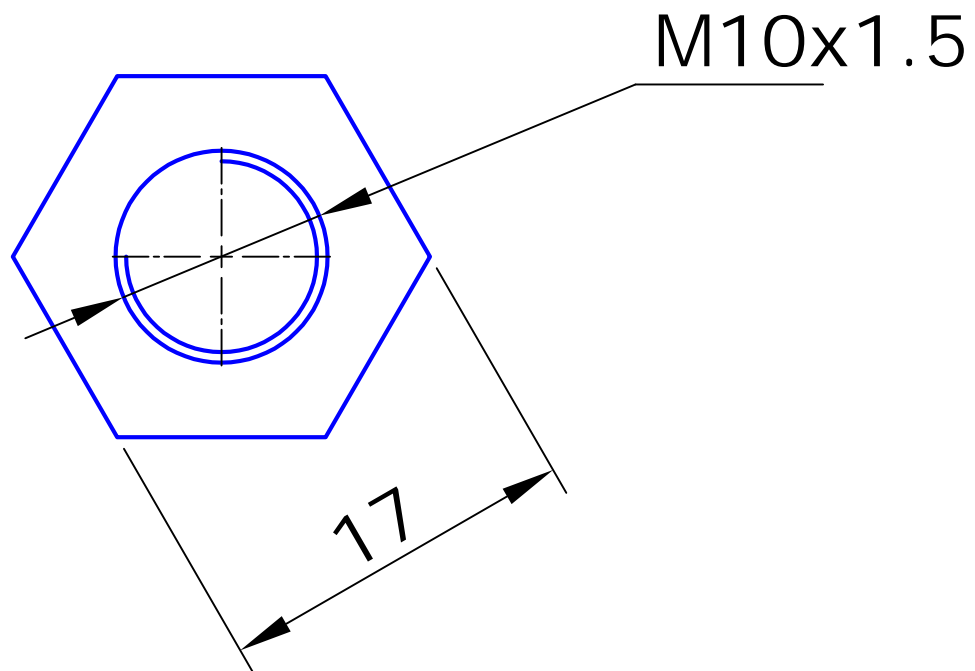
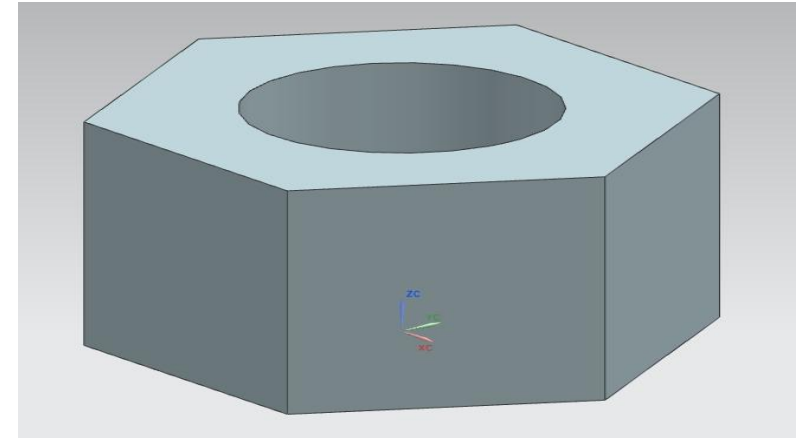
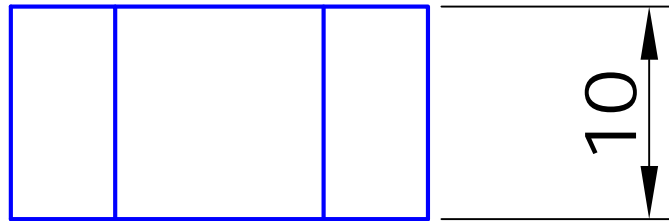
# Bolt-Connecting Rod



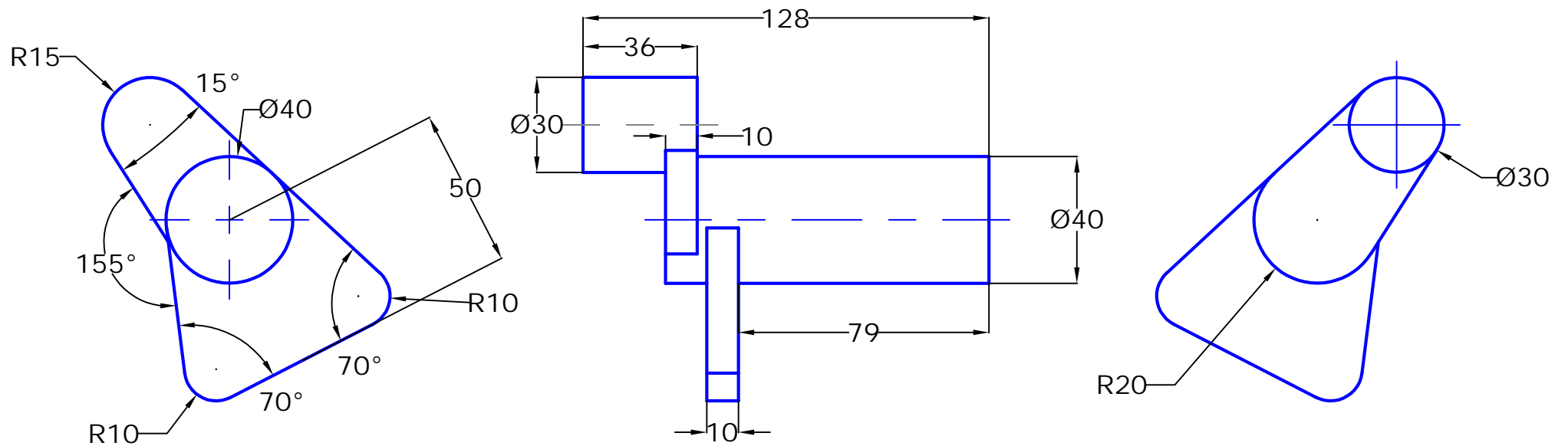
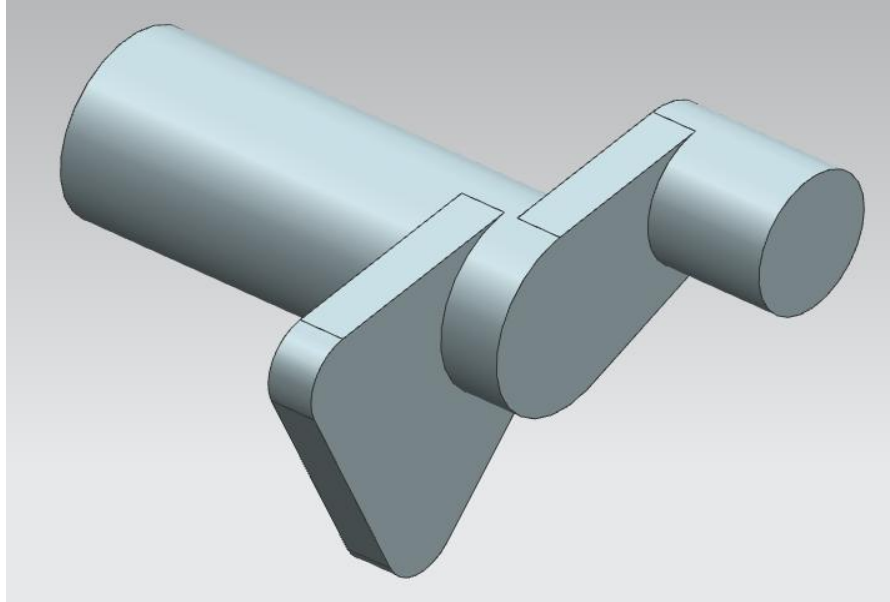
Connecting Rod Base



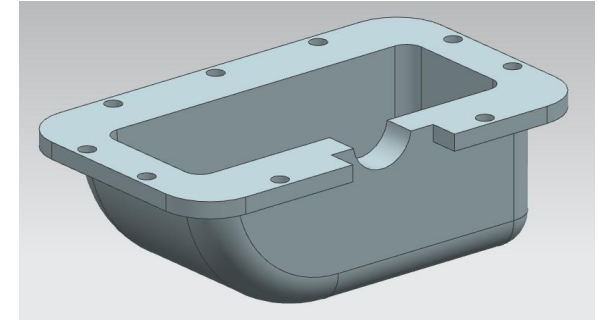
# Nut



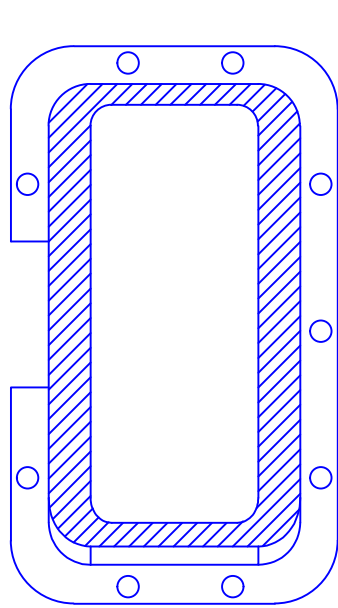
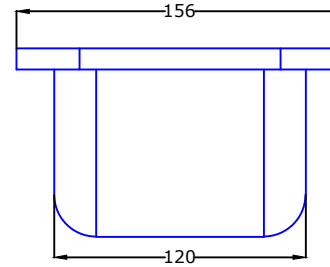
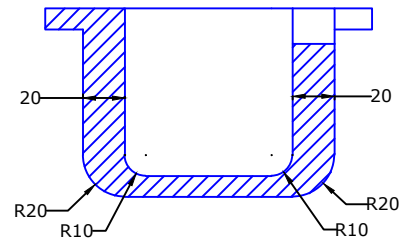
# Crank Shaft



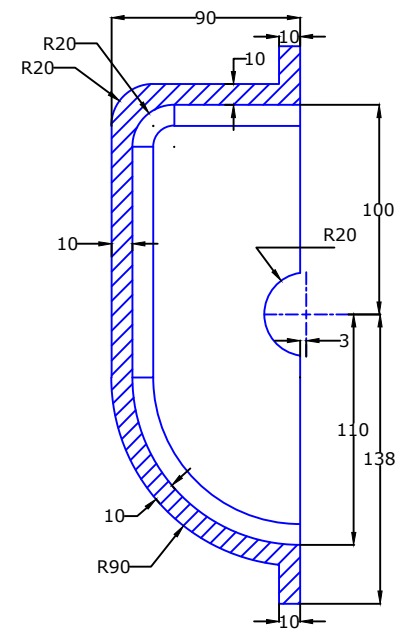
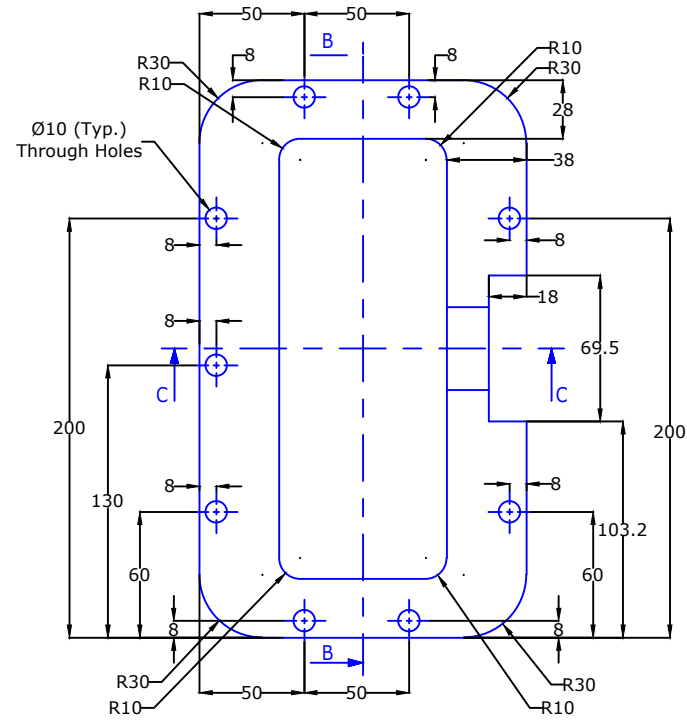
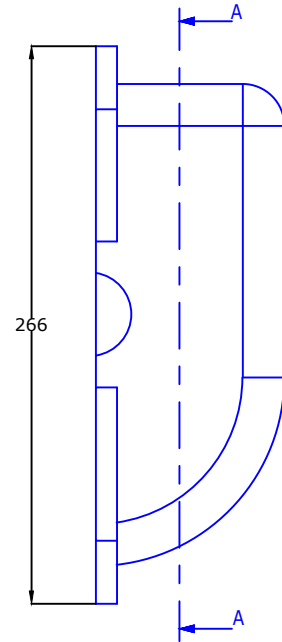
# OIL PAN



SECTION C-C



SECTION A-A



SECTION B-B