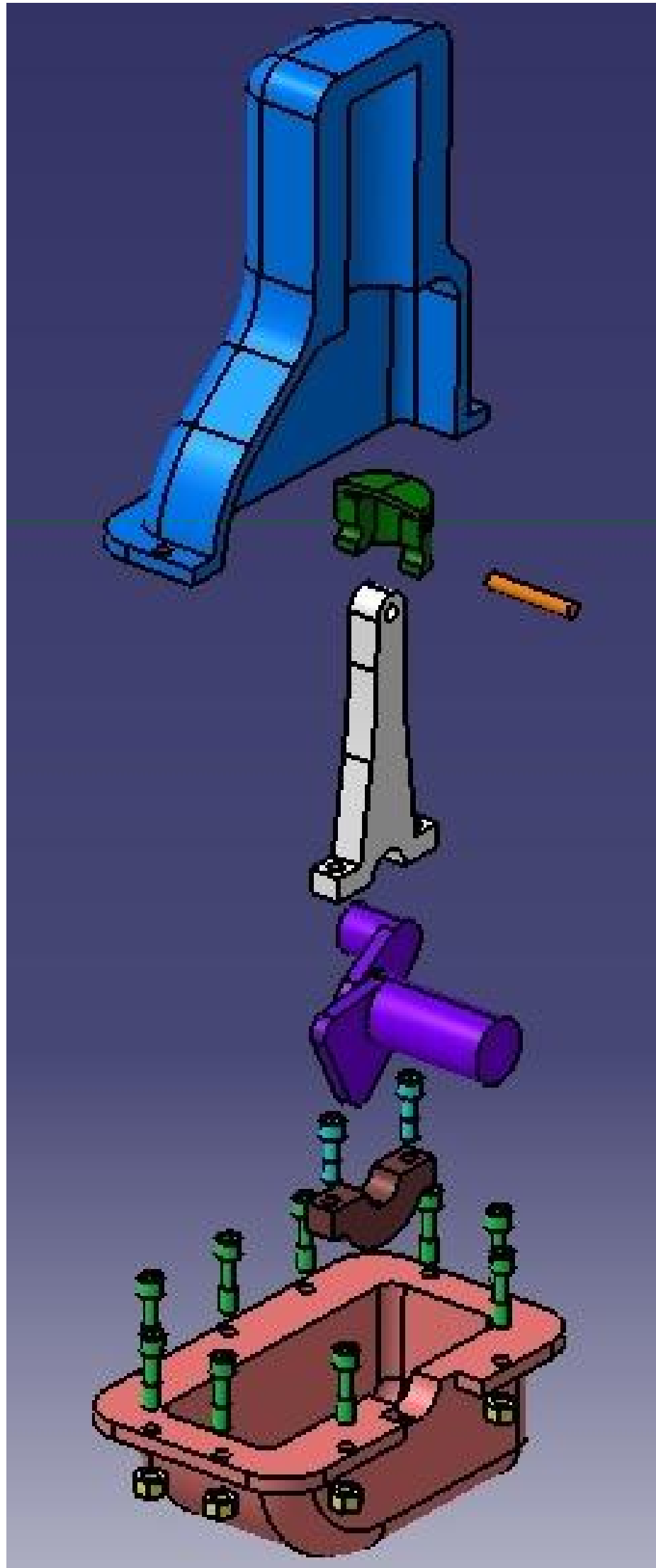
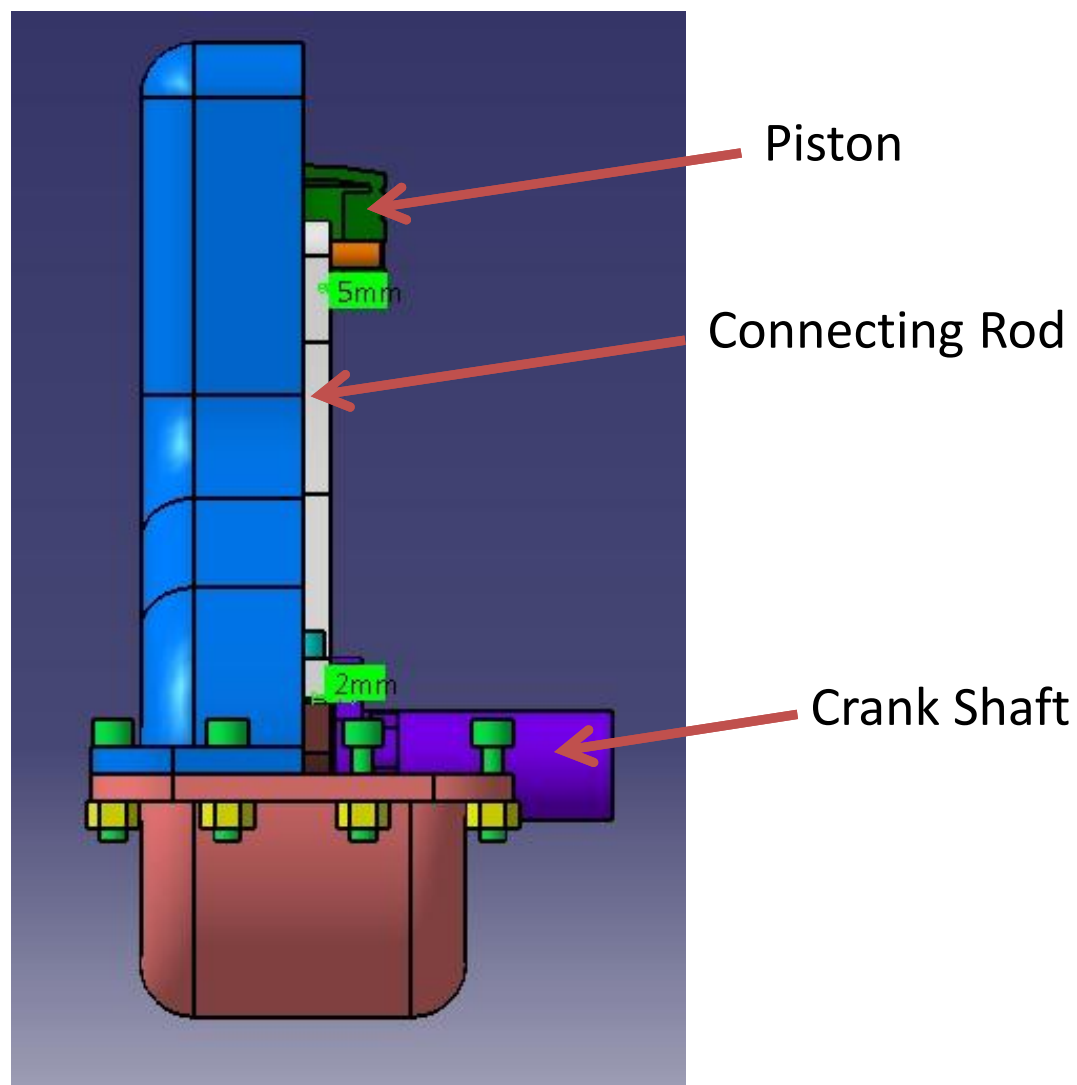
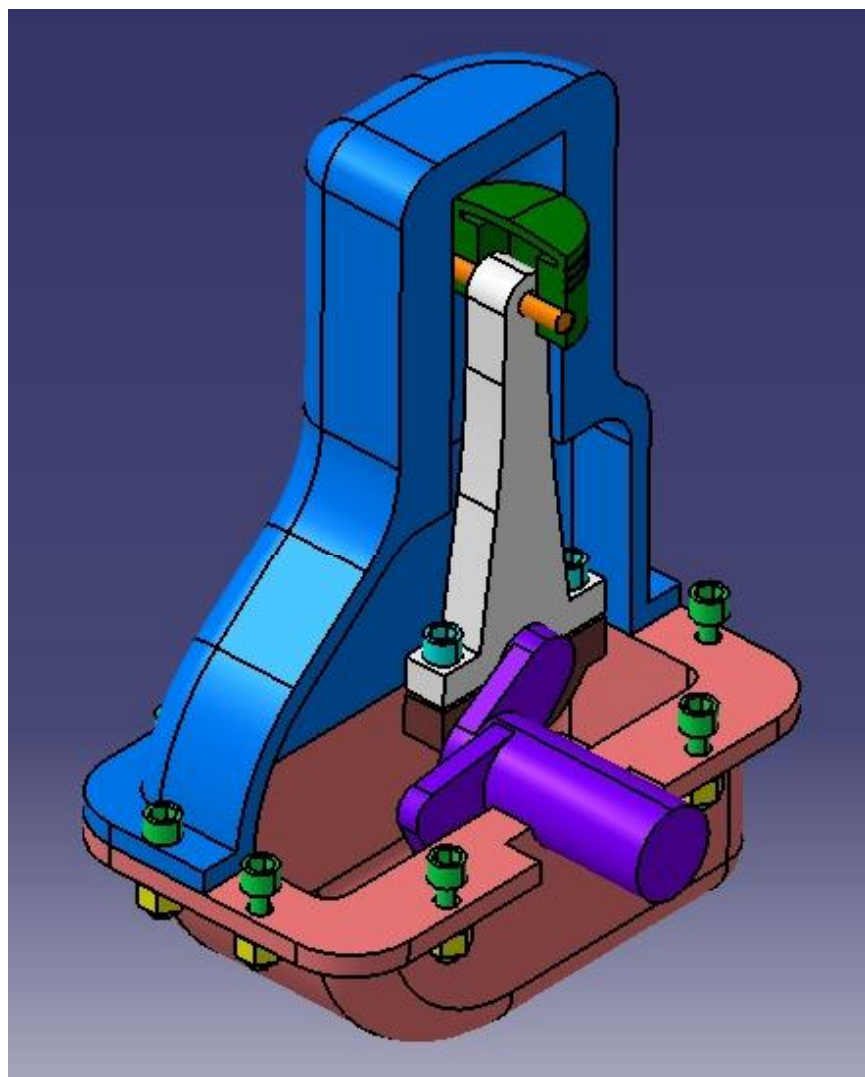


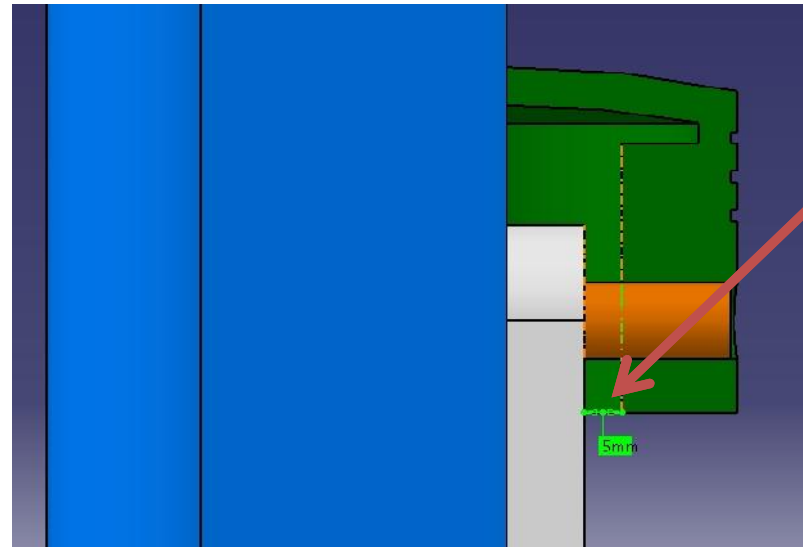
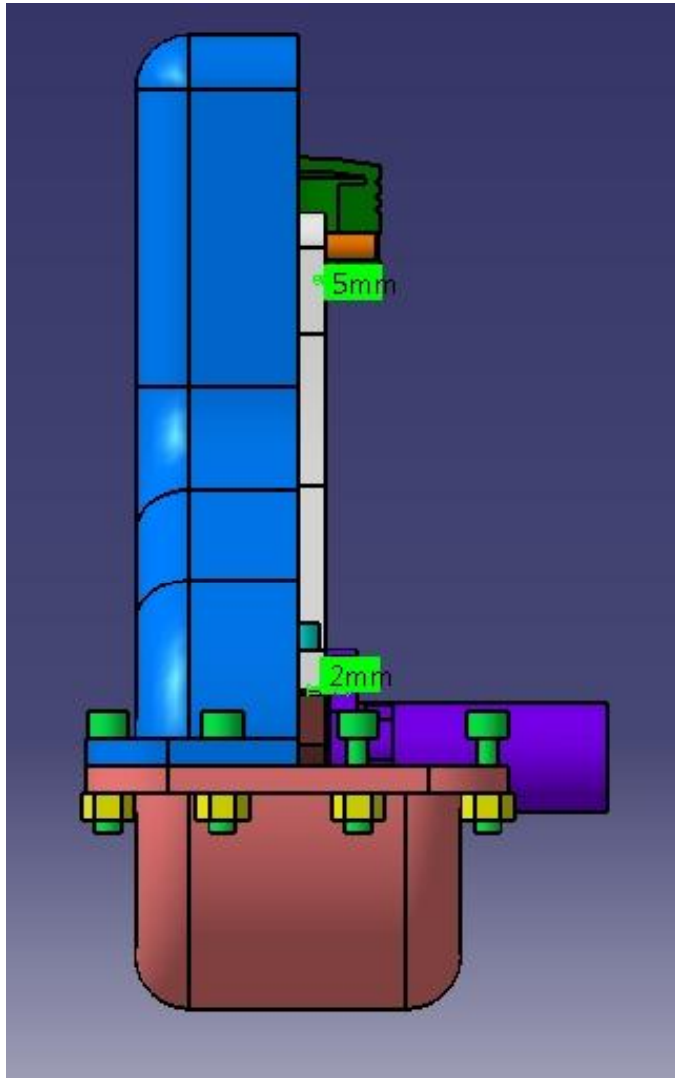
SINGLE CYLINDER ENGINE ASSEMBLY

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



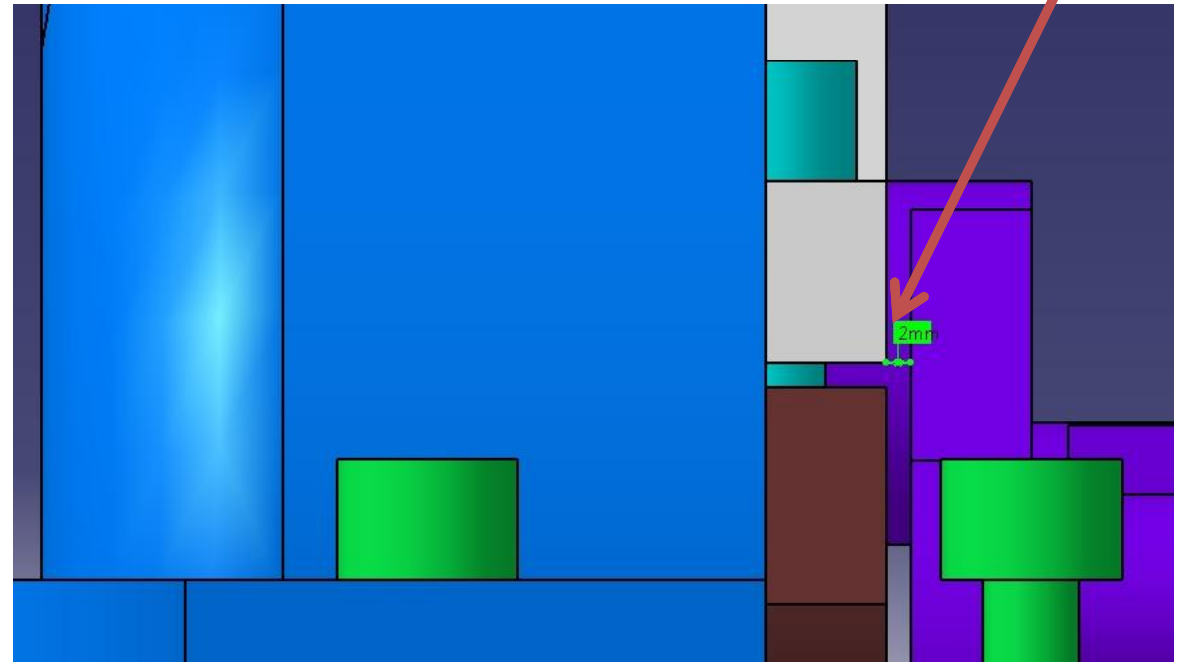
Assembly Offset Conditions



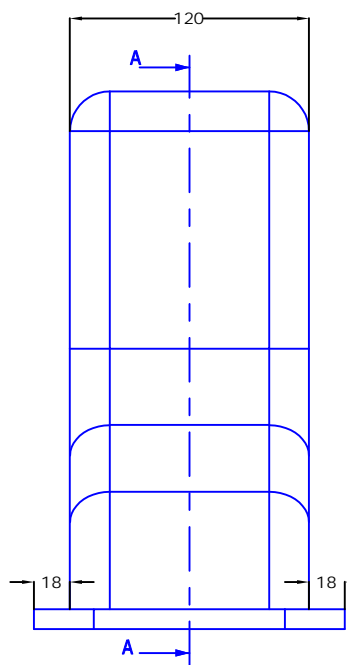
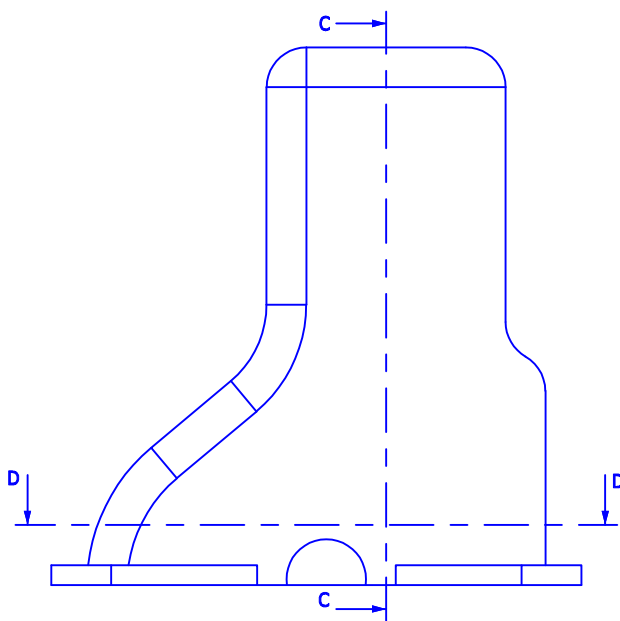
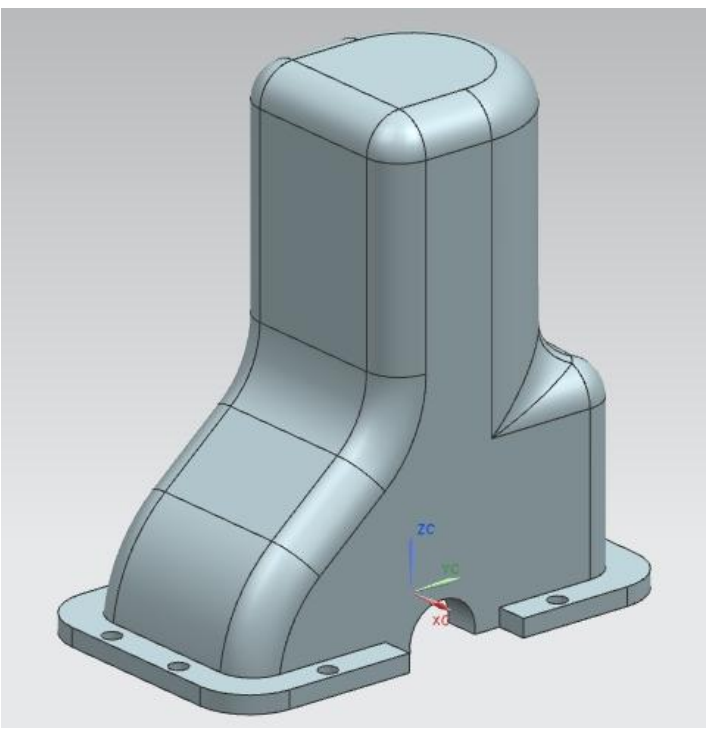
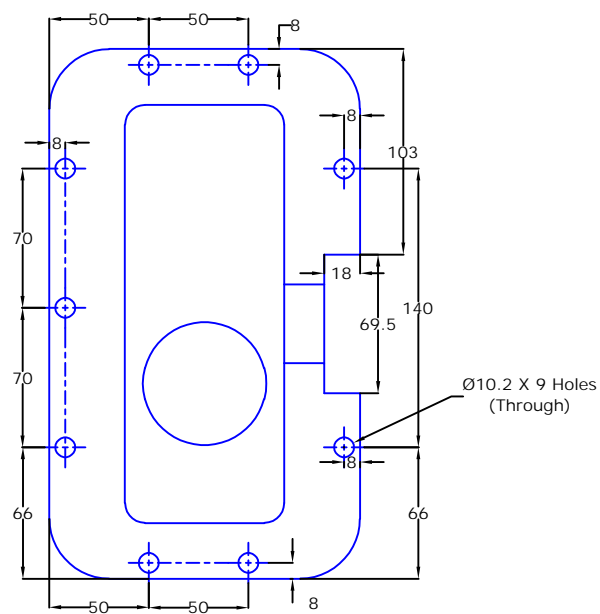
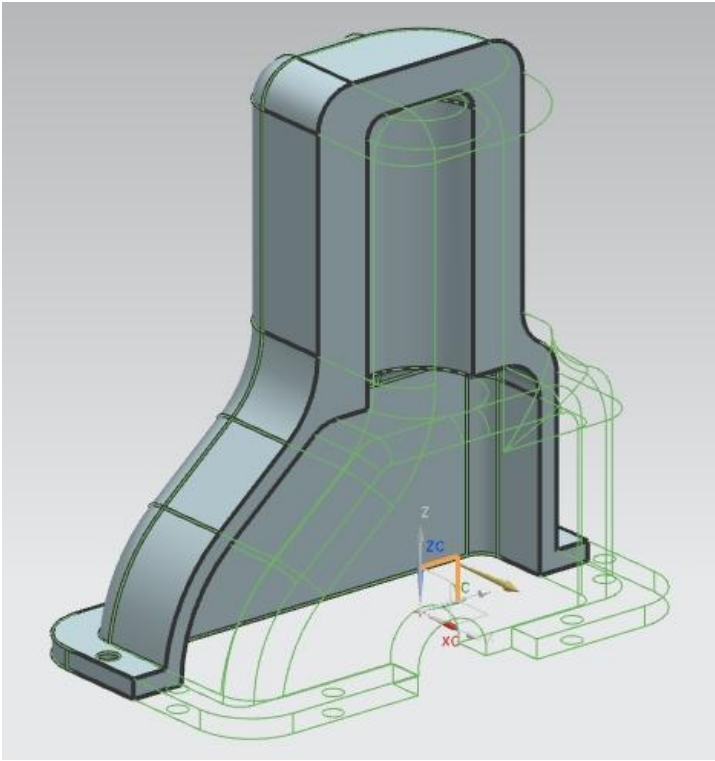


Maintain 5mm gap
between
Connecting rod
and Piston

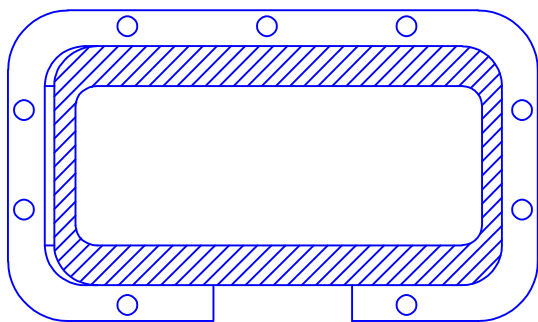
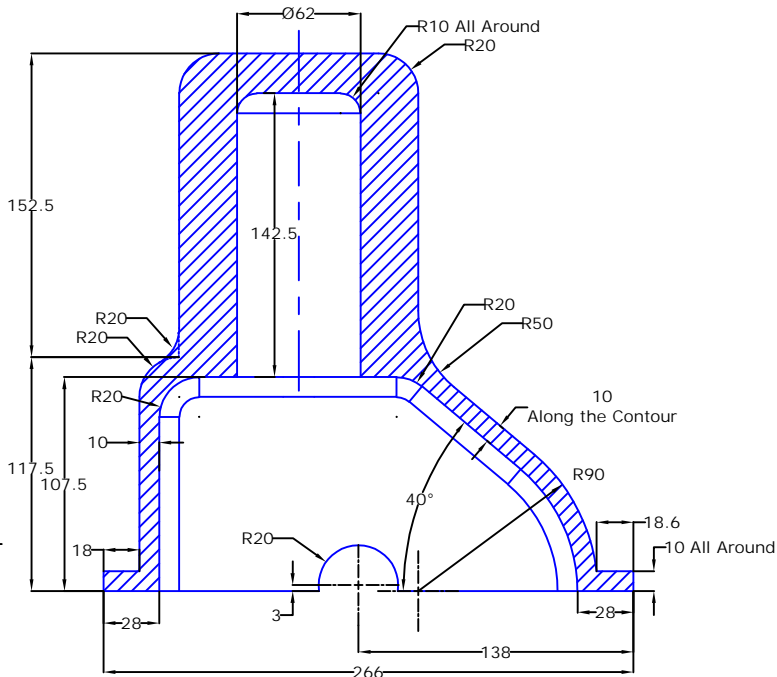
Maintain 2mm gap
between
Connecting rod
and Crank Shaft



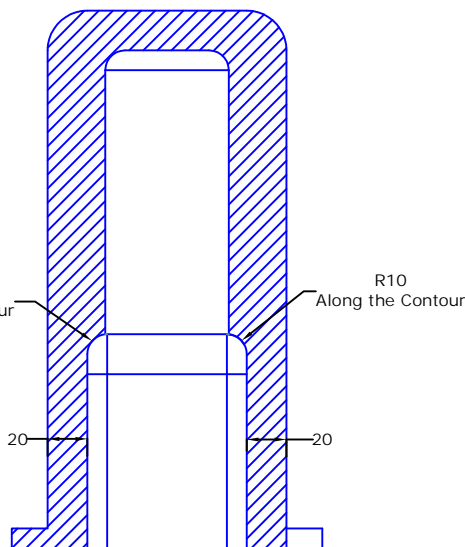
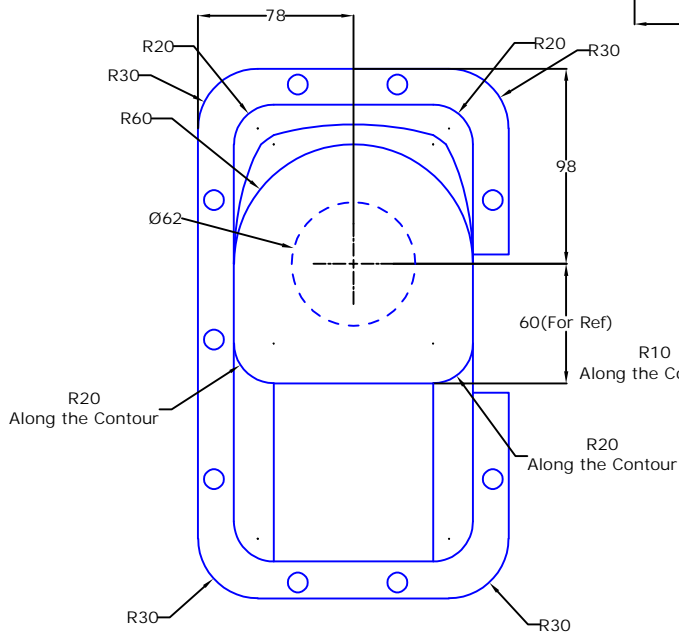
Engine Block



SECTION A-A

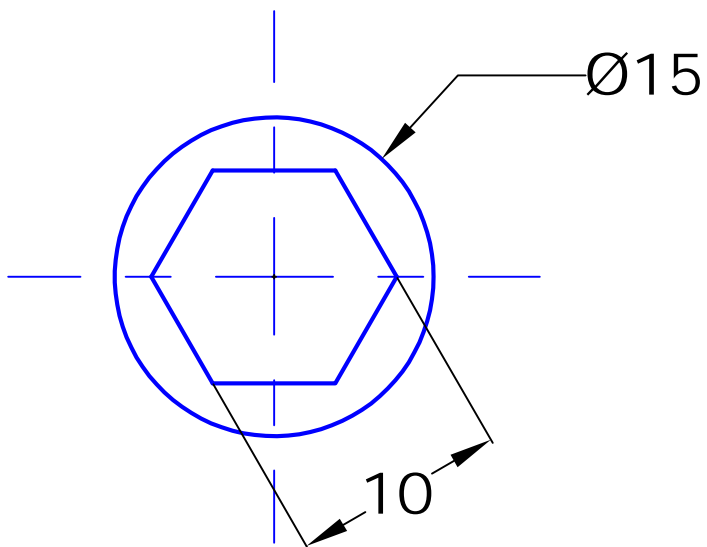
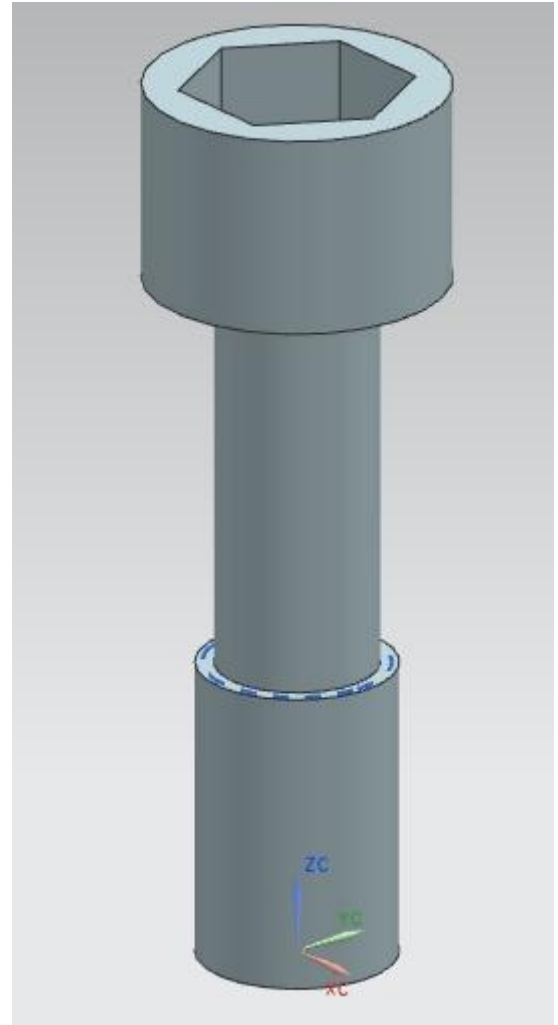
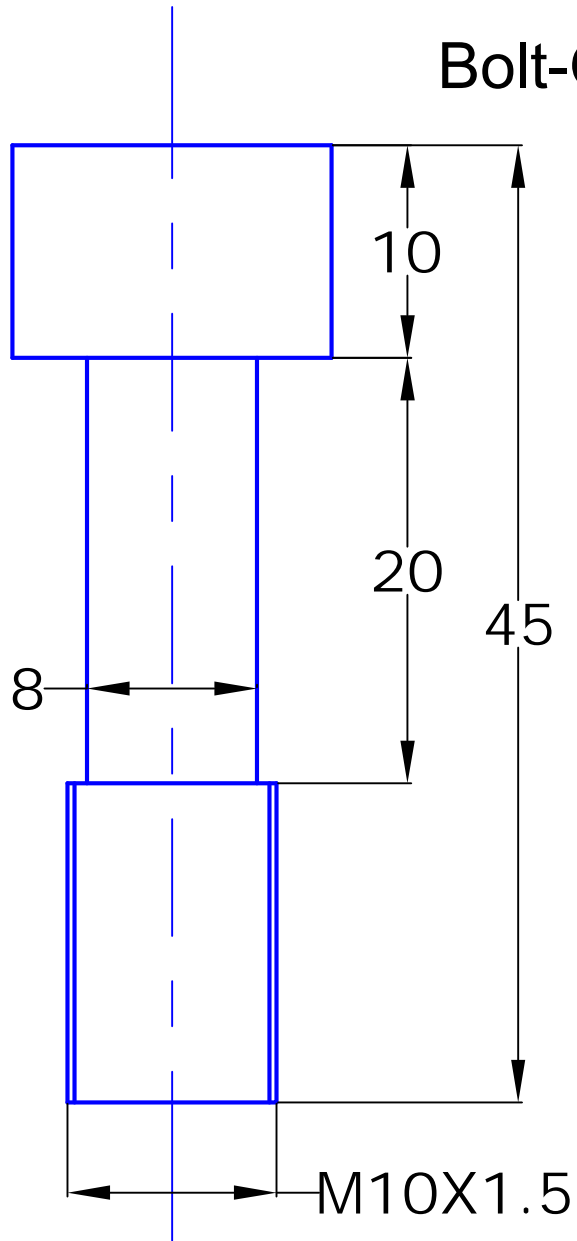


SECTION D-D



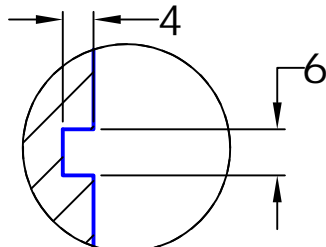
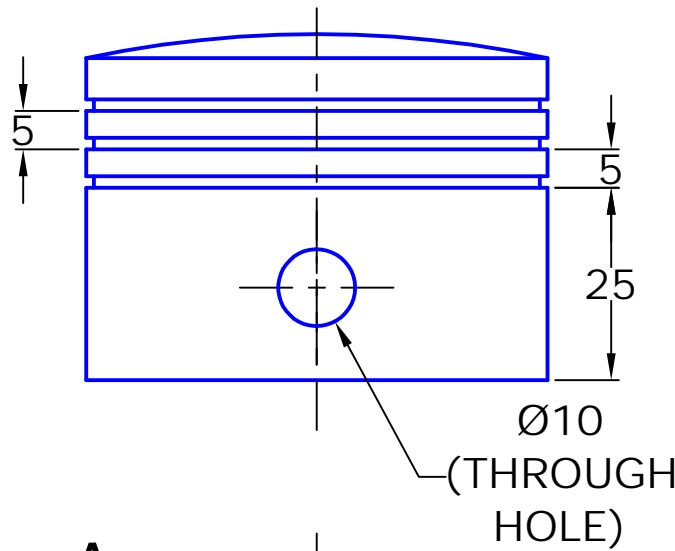
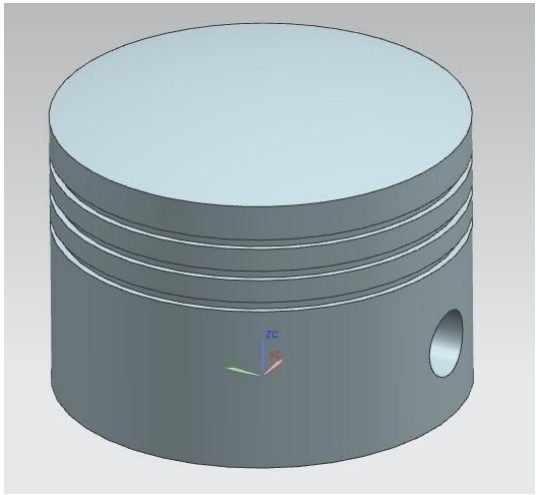
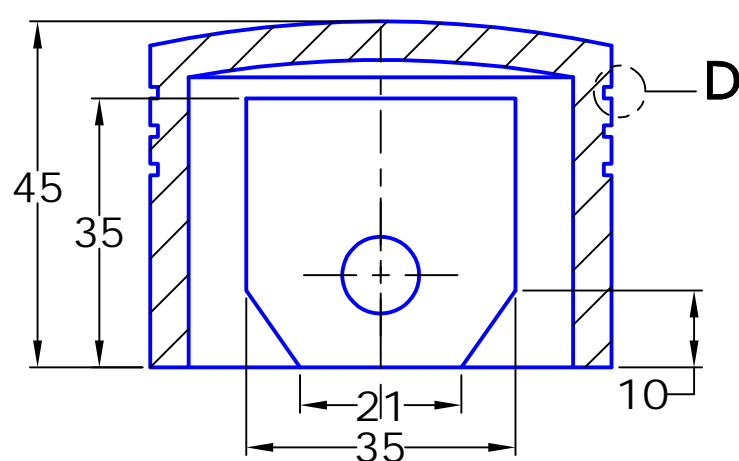
SECTION C-C

Bolt-Oil Pan

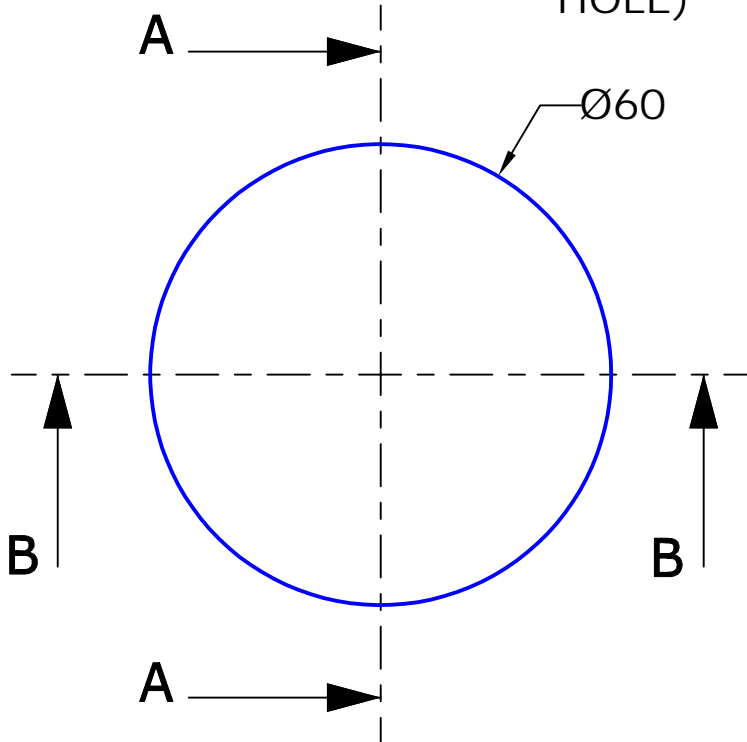


Piston

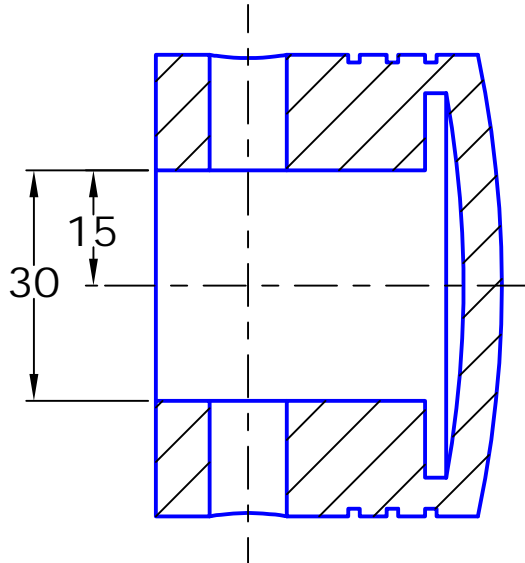
SECTION B-B



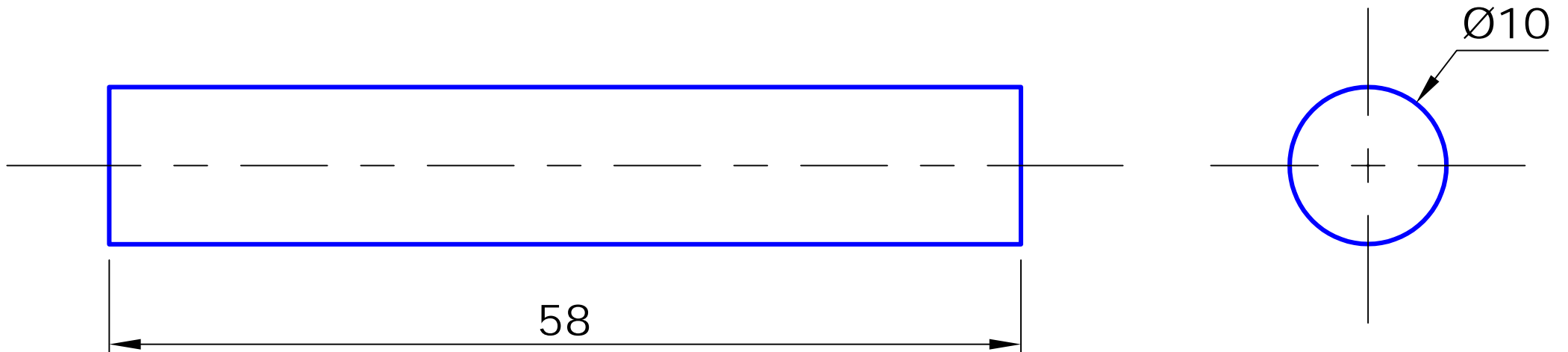
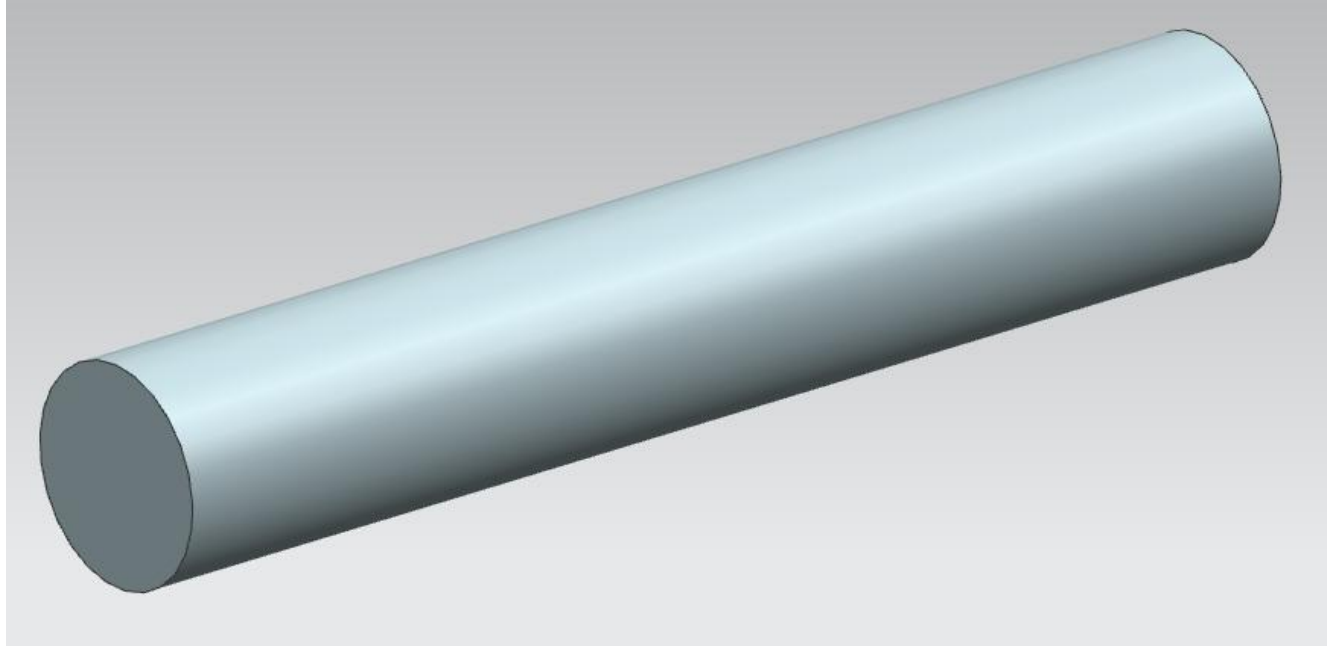
DETAIL D
SCALE 4:1



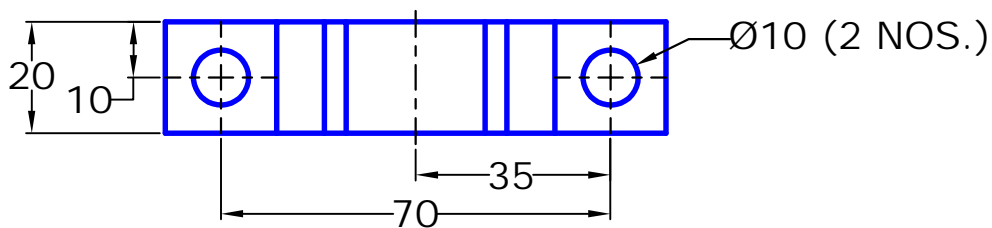
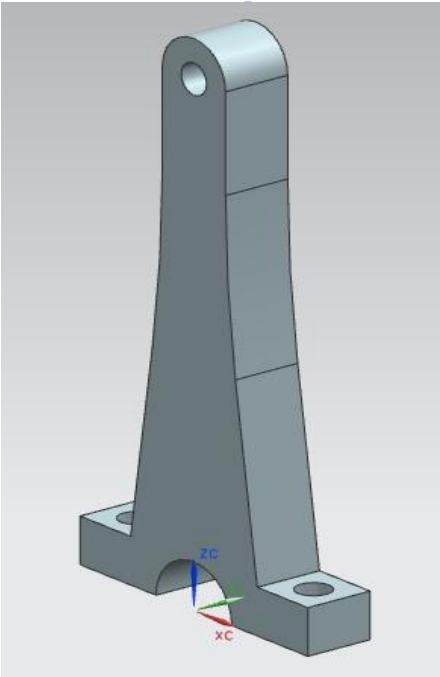
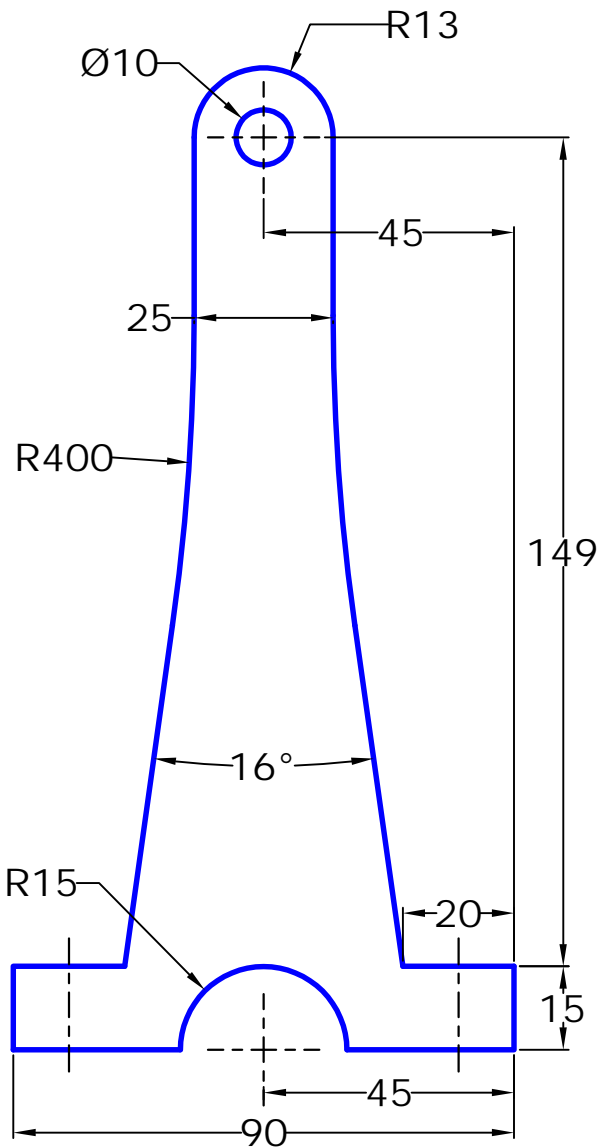
SECTION A-A



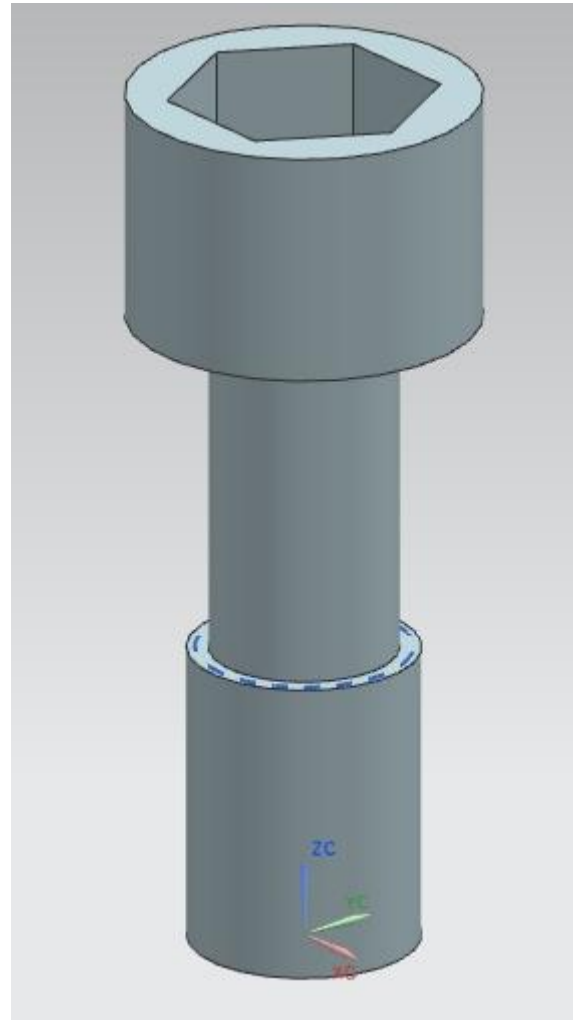
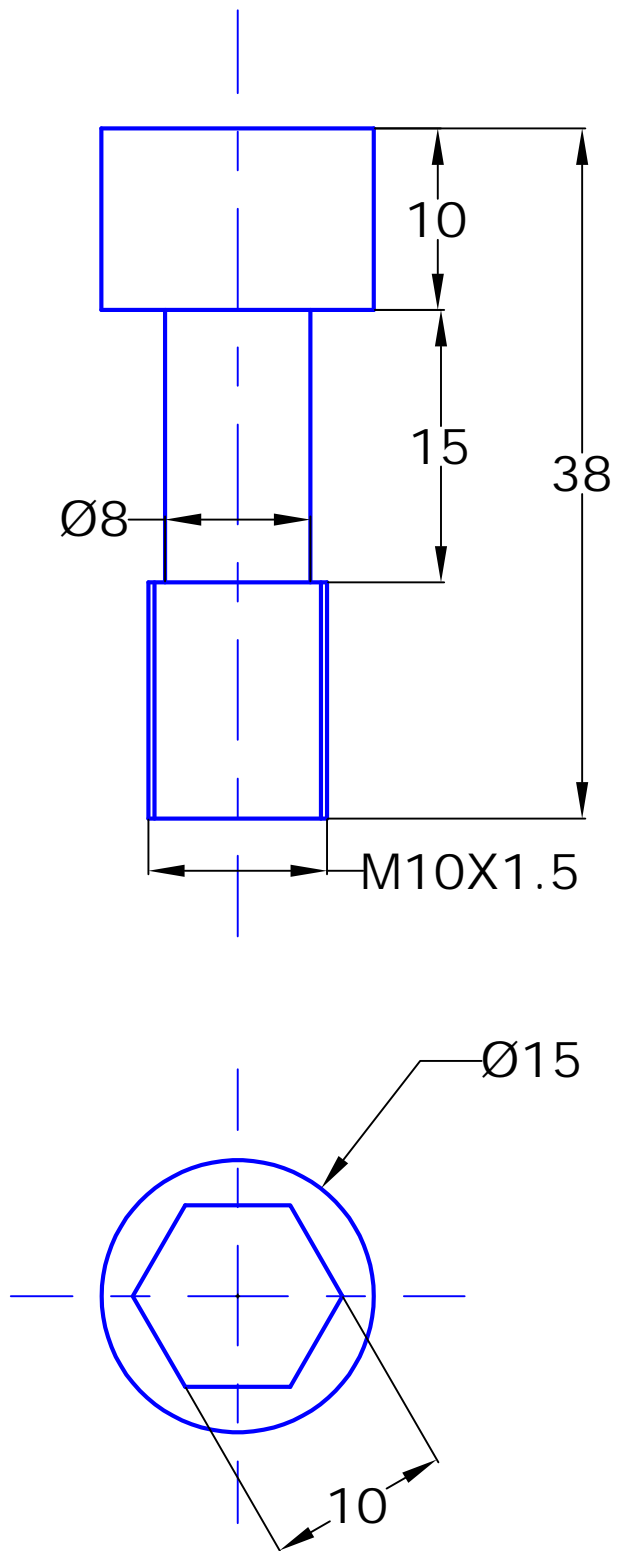
Piston Pin

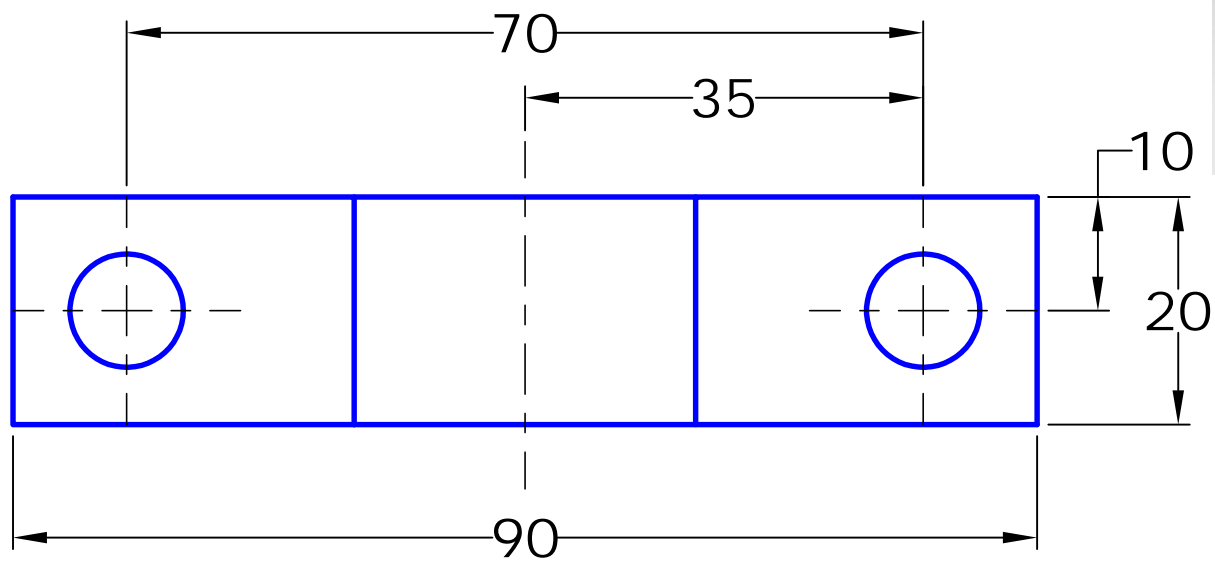
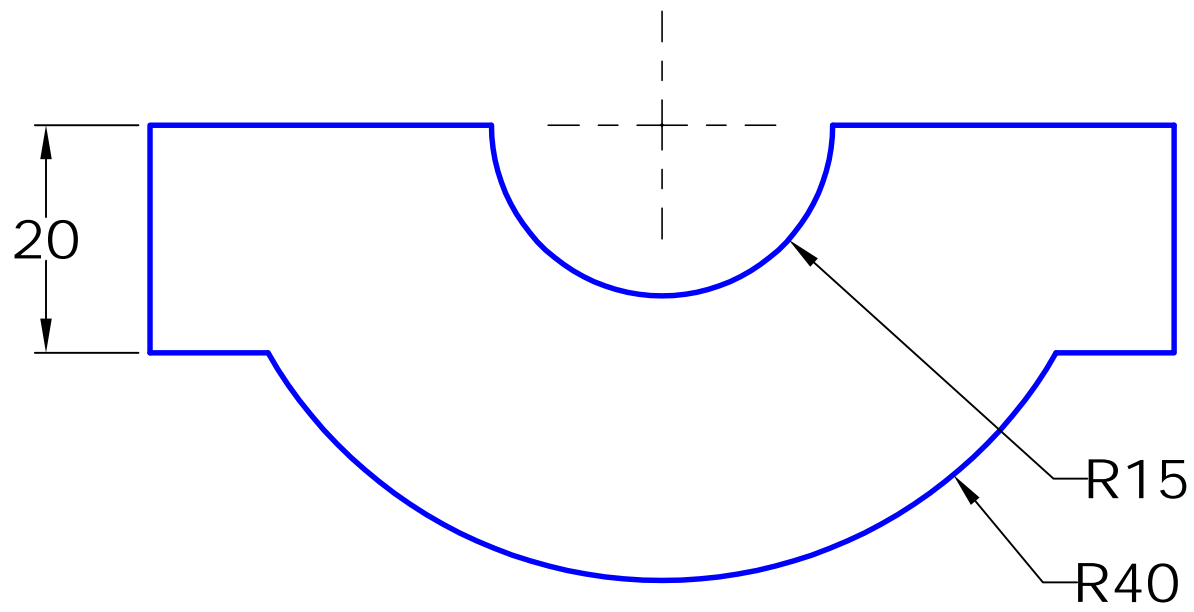


Connecting Rod

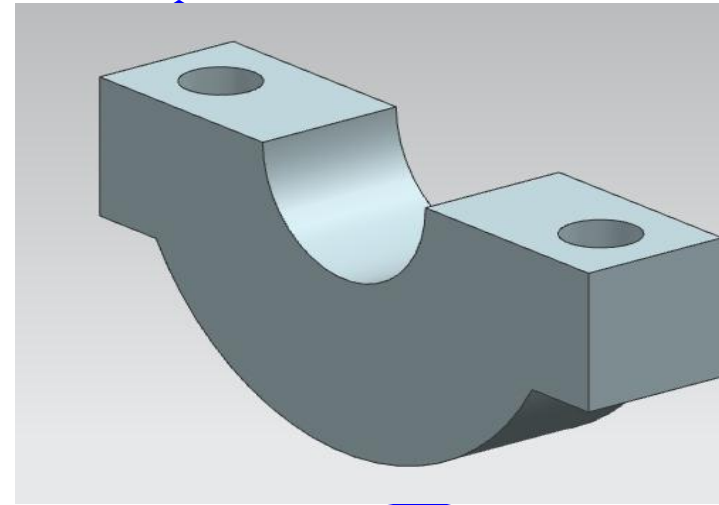


Bolt-Connecting Rod

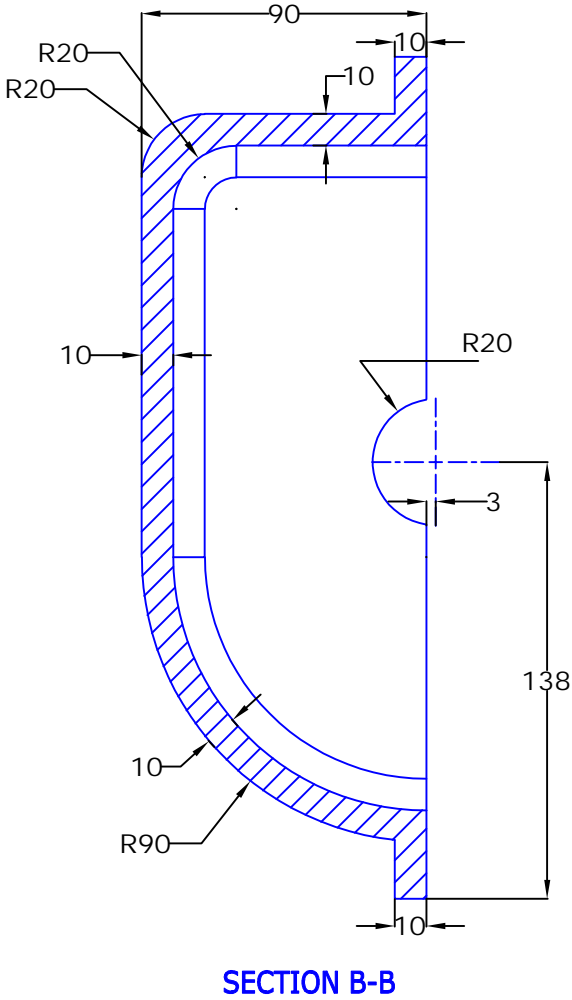
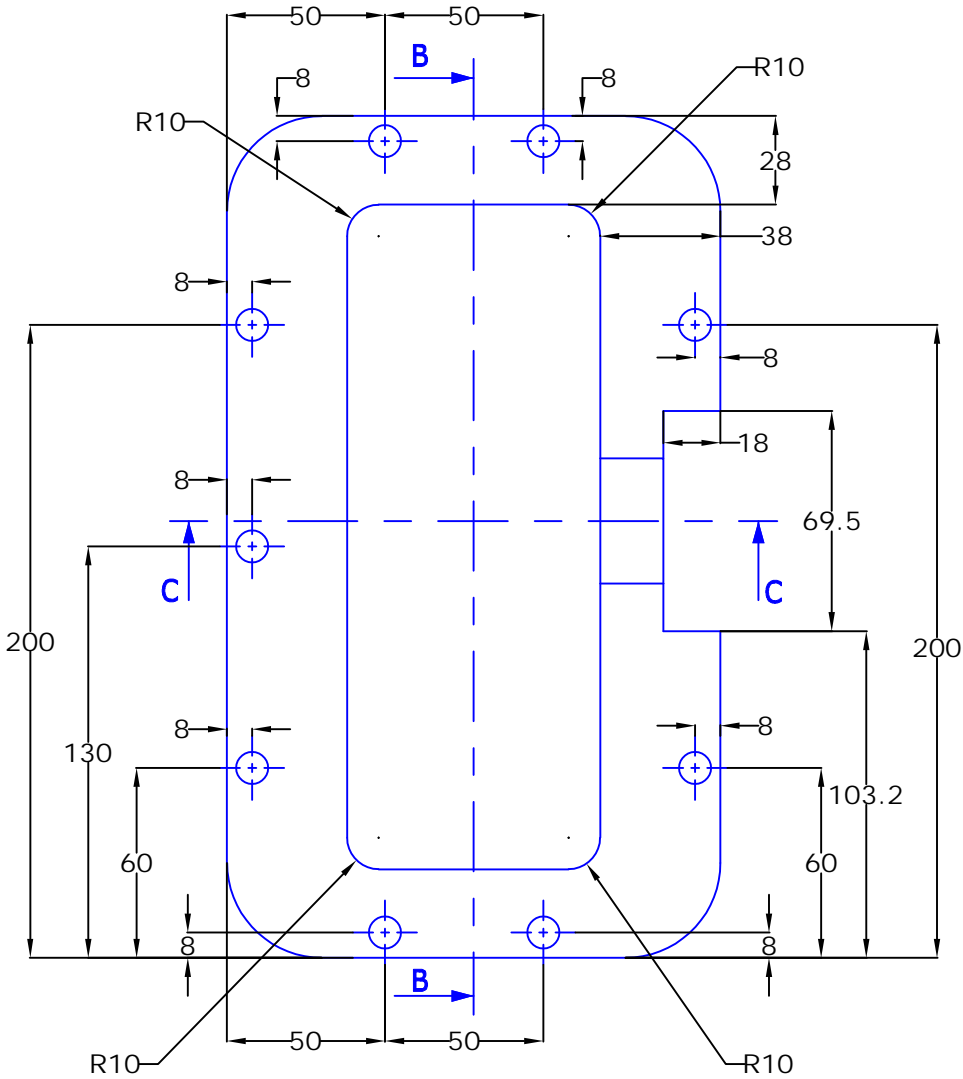
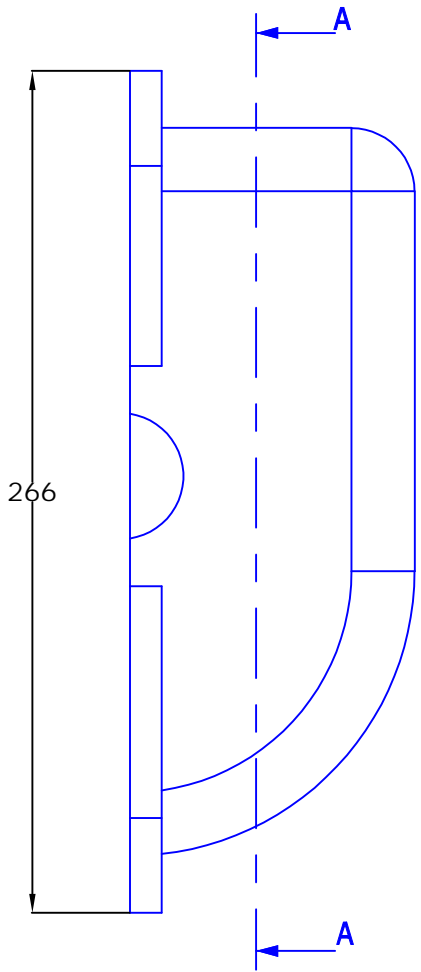
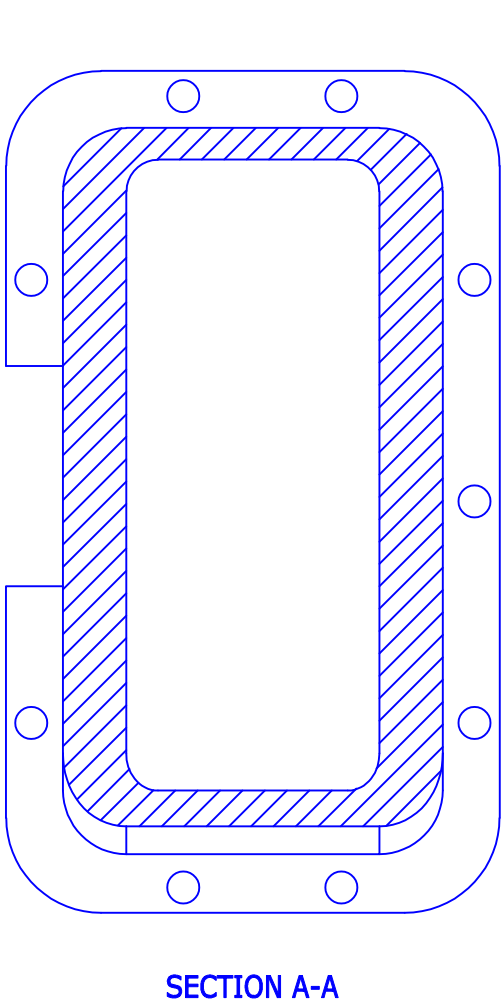
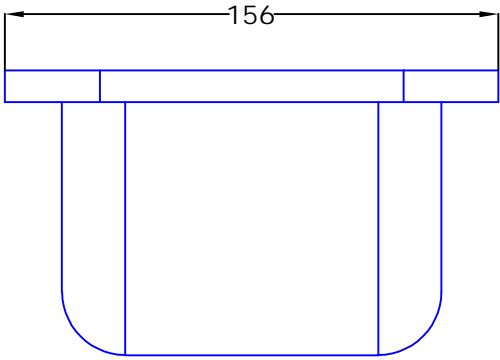
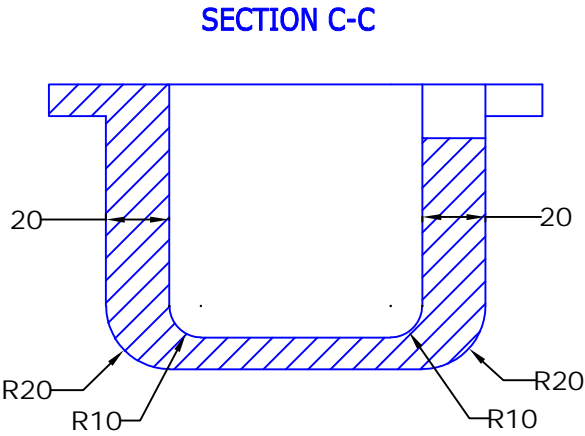
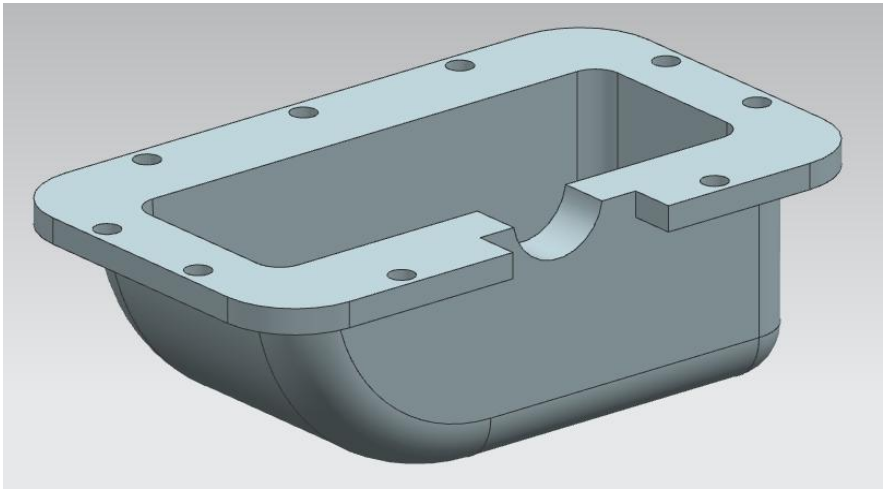




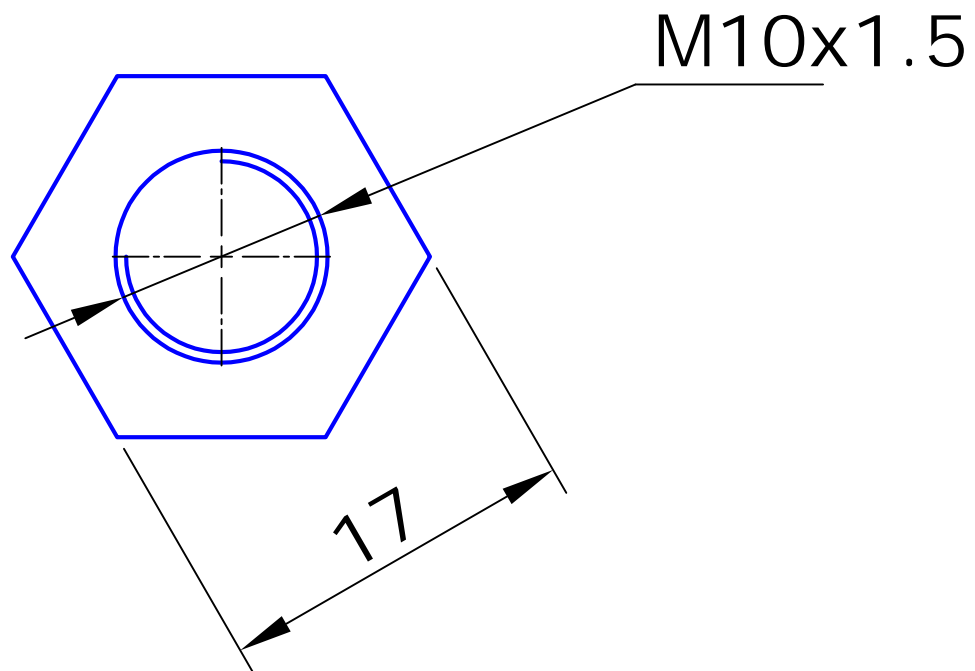
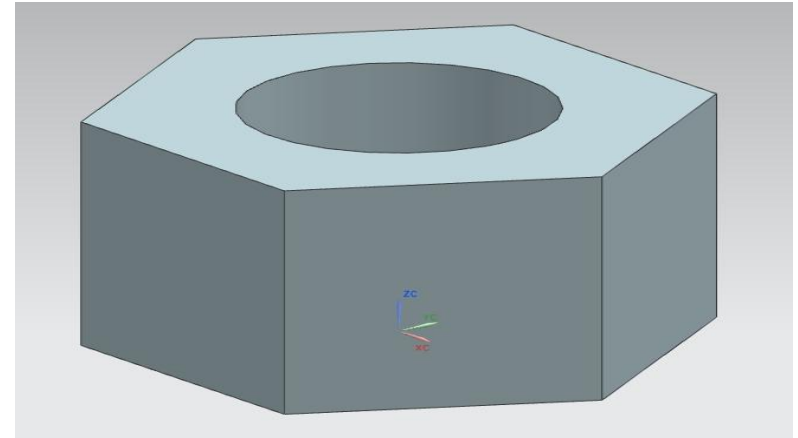
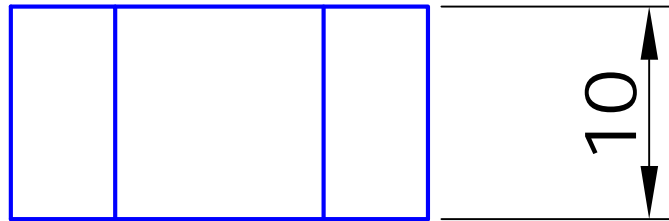
Connecting Rod Base



Oil Pan



Nut



Crank Shaft

