

A

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A

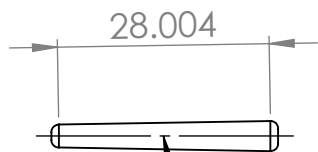
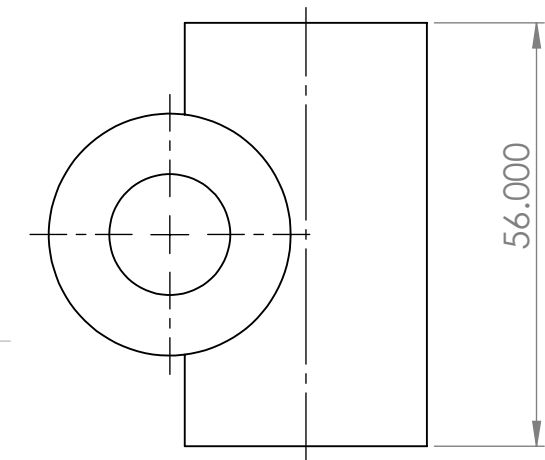
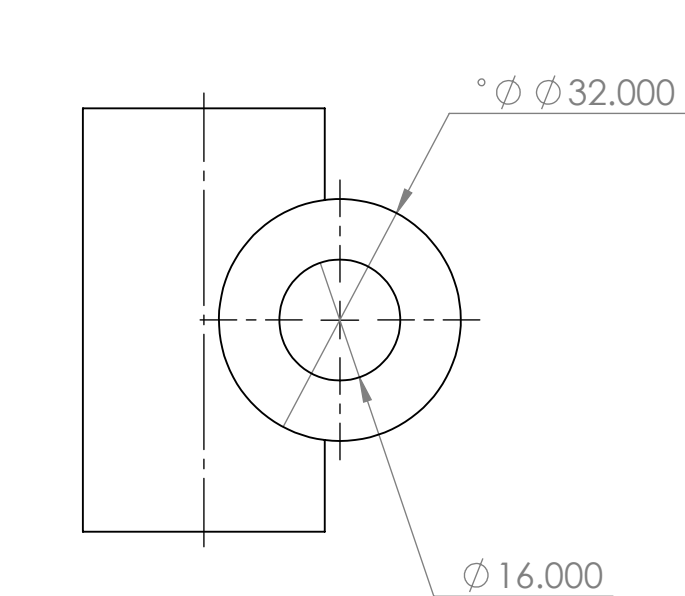
B

C

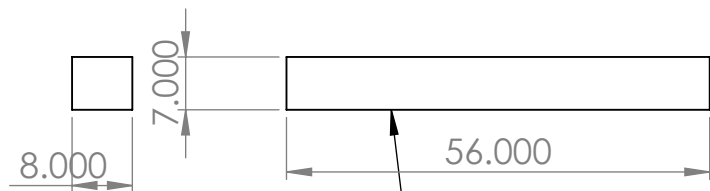
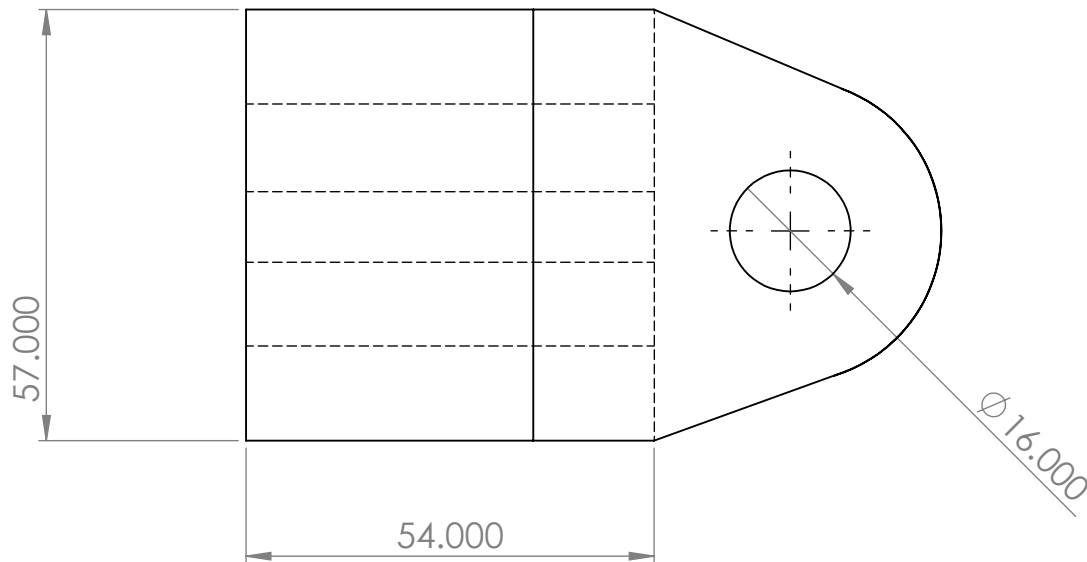
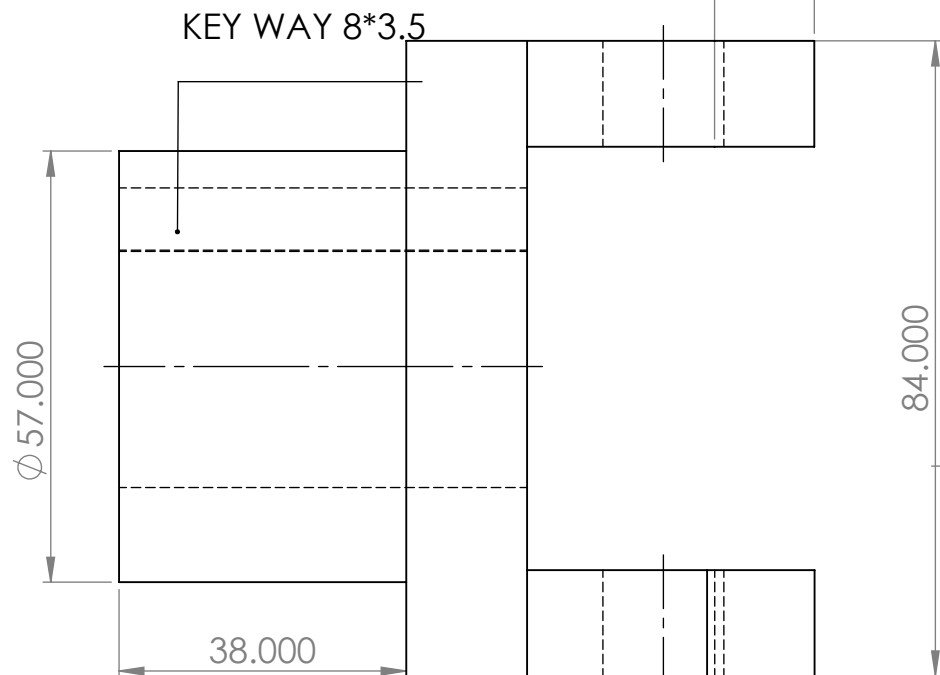
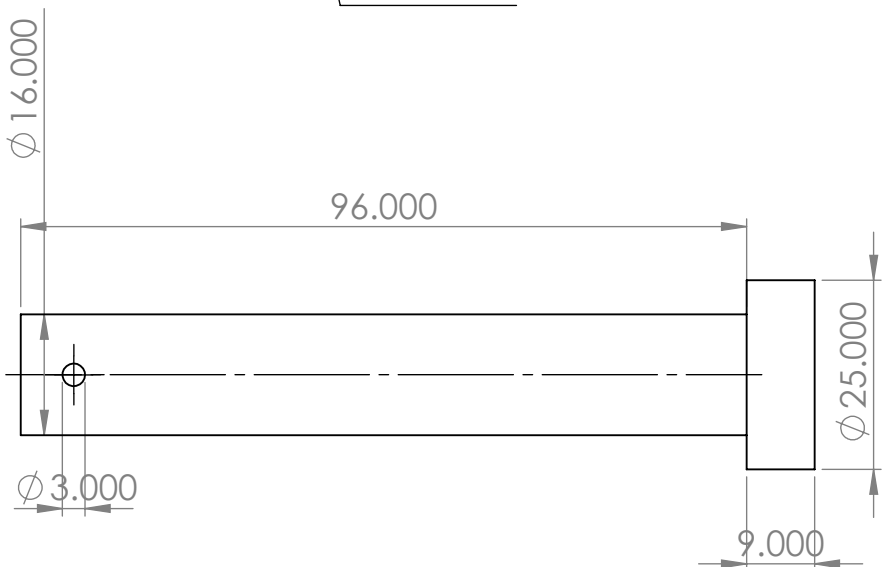
D

E

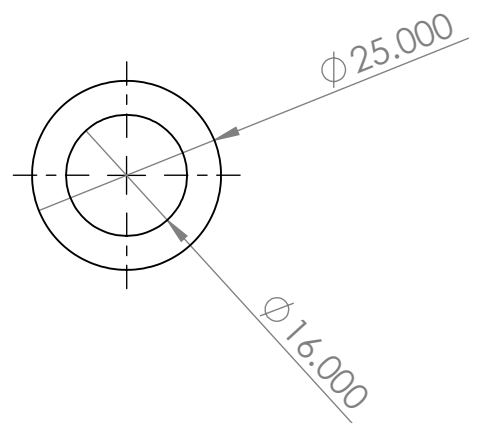
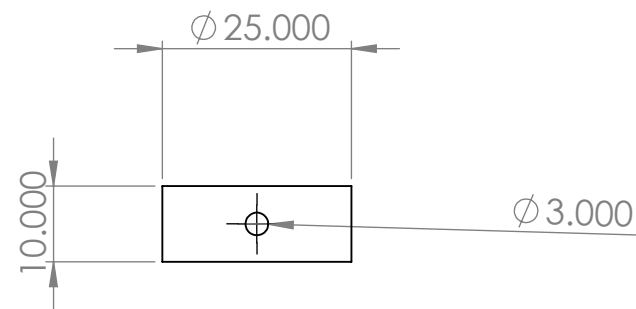
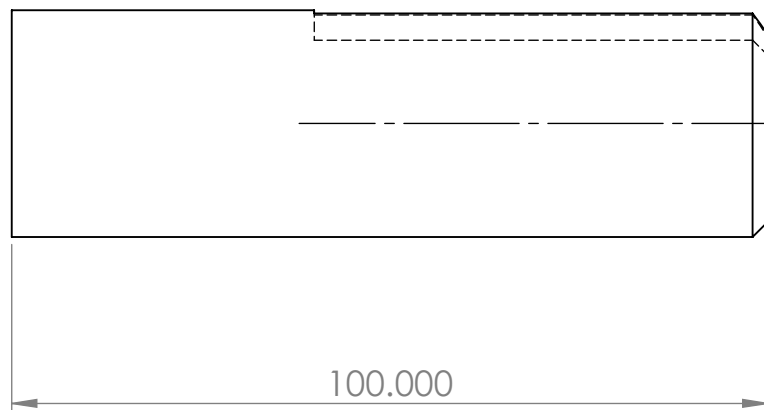
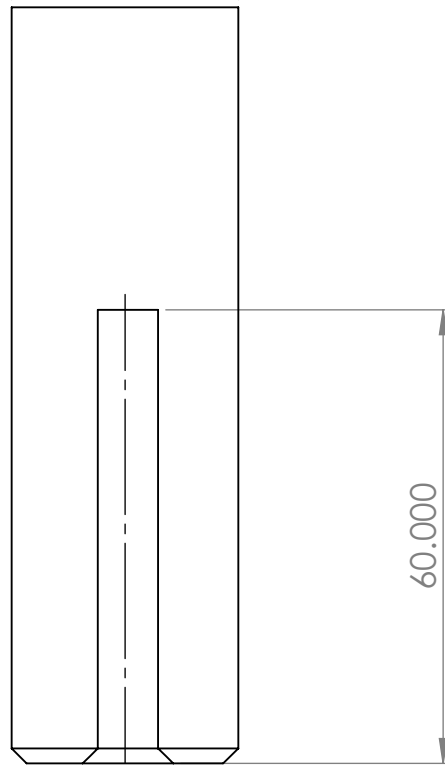
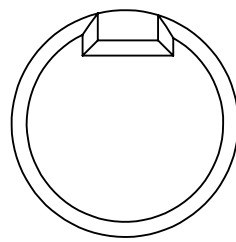
F



TAPERPIN



PARALLEL KEY



ALL DIMENSIONS ARE IN mm

ABHINAV SINGH BHADORIYA

21BME0571

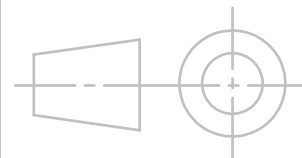
L11+L12+L21+L22

SCALE 1:1

Vellore Institute of Technology
(VIT)

SHEET NO. 1

UNIVERSAL COUPLING



08/09/2022

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A

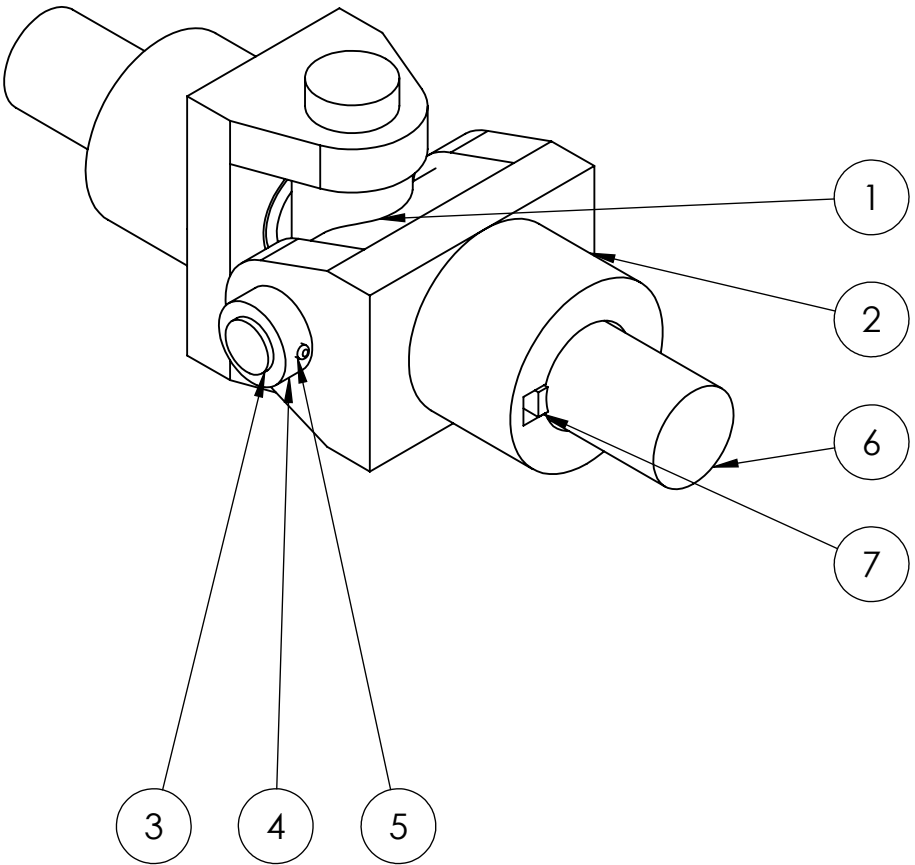
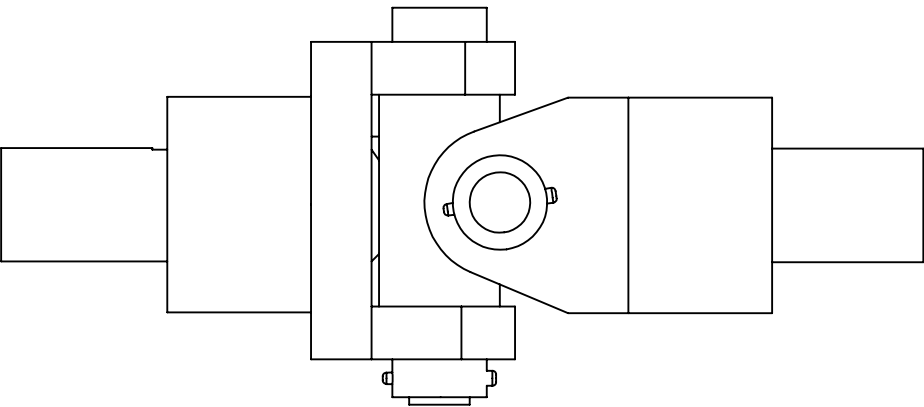
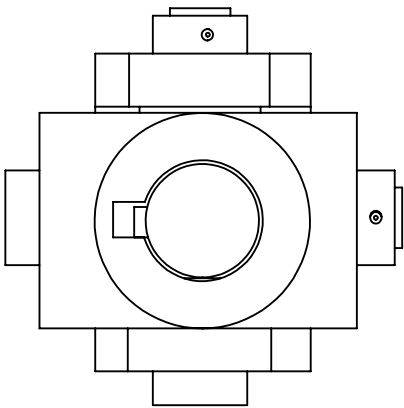
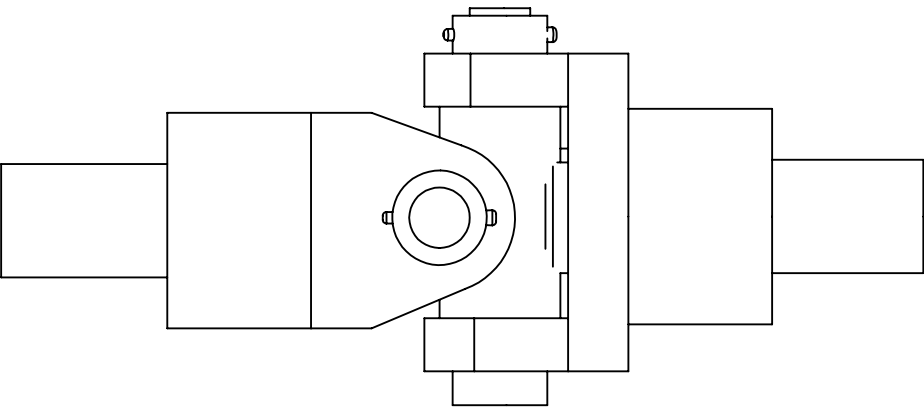
B

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PART NO.	PART NAME	MATERIAL	QTY.
1	CENTRE	CAST STEEL	1
2	Part4 Fork	CAST STEEL	2
3	pin	Fe-410w	2
4	collar	Fe-410w	2
5	Part5 taper pin	Fe-410w	2
6	Shaft	Fe-410w	2
7	PARALLEL KEY	Fe-410w	2

ALL DIMENSIONS ARE IN MM

ABHINAV SINGH BHADORIYA

21BME0571

L11+L12+L21+L22

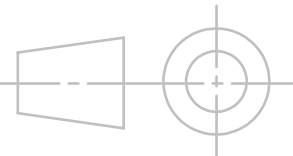
Vellore Institute of Technology
(VIT)

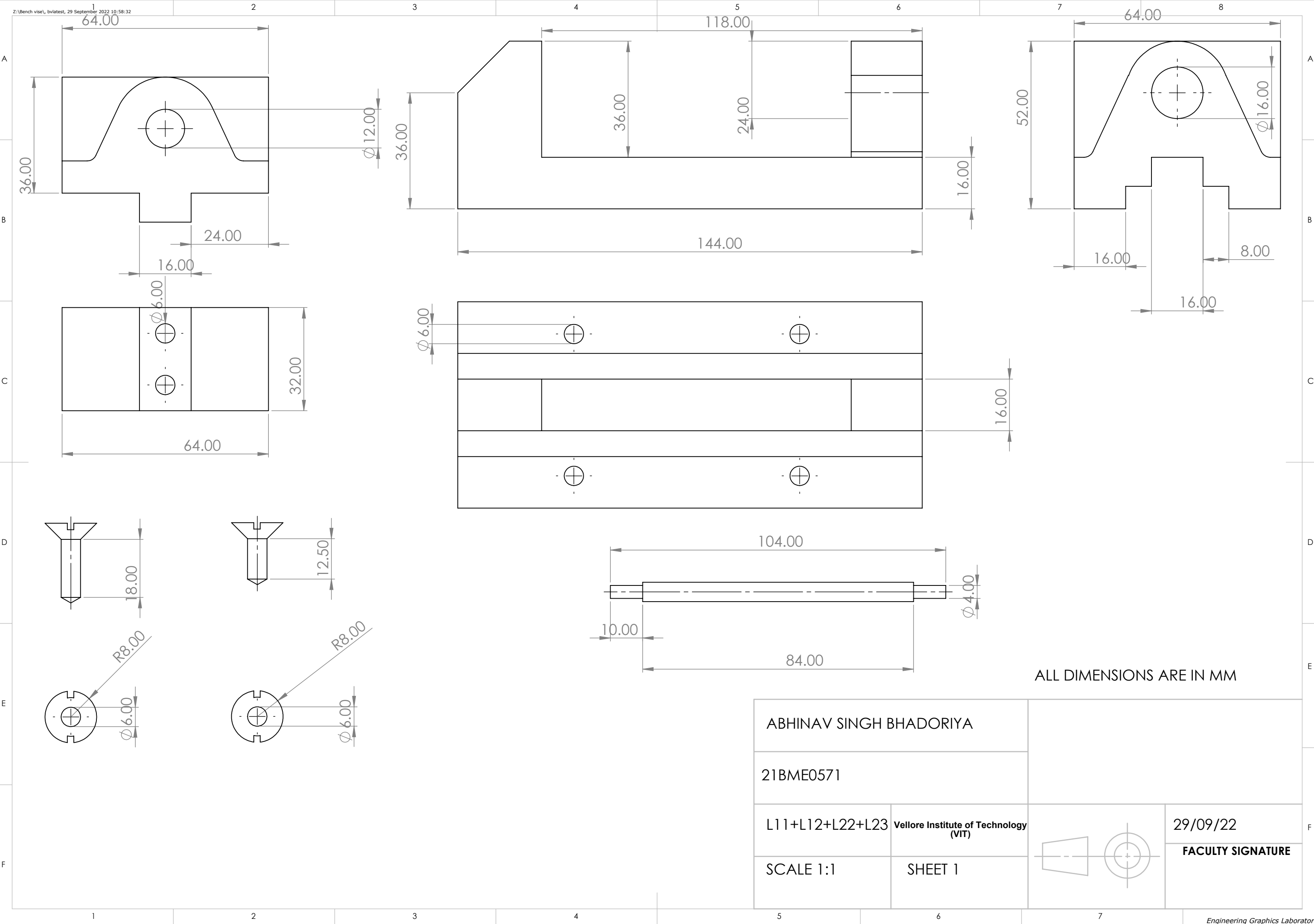
SCALE1:1

SHEET 2

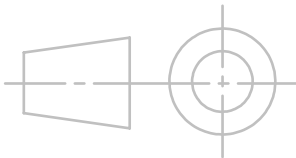
13/09/22

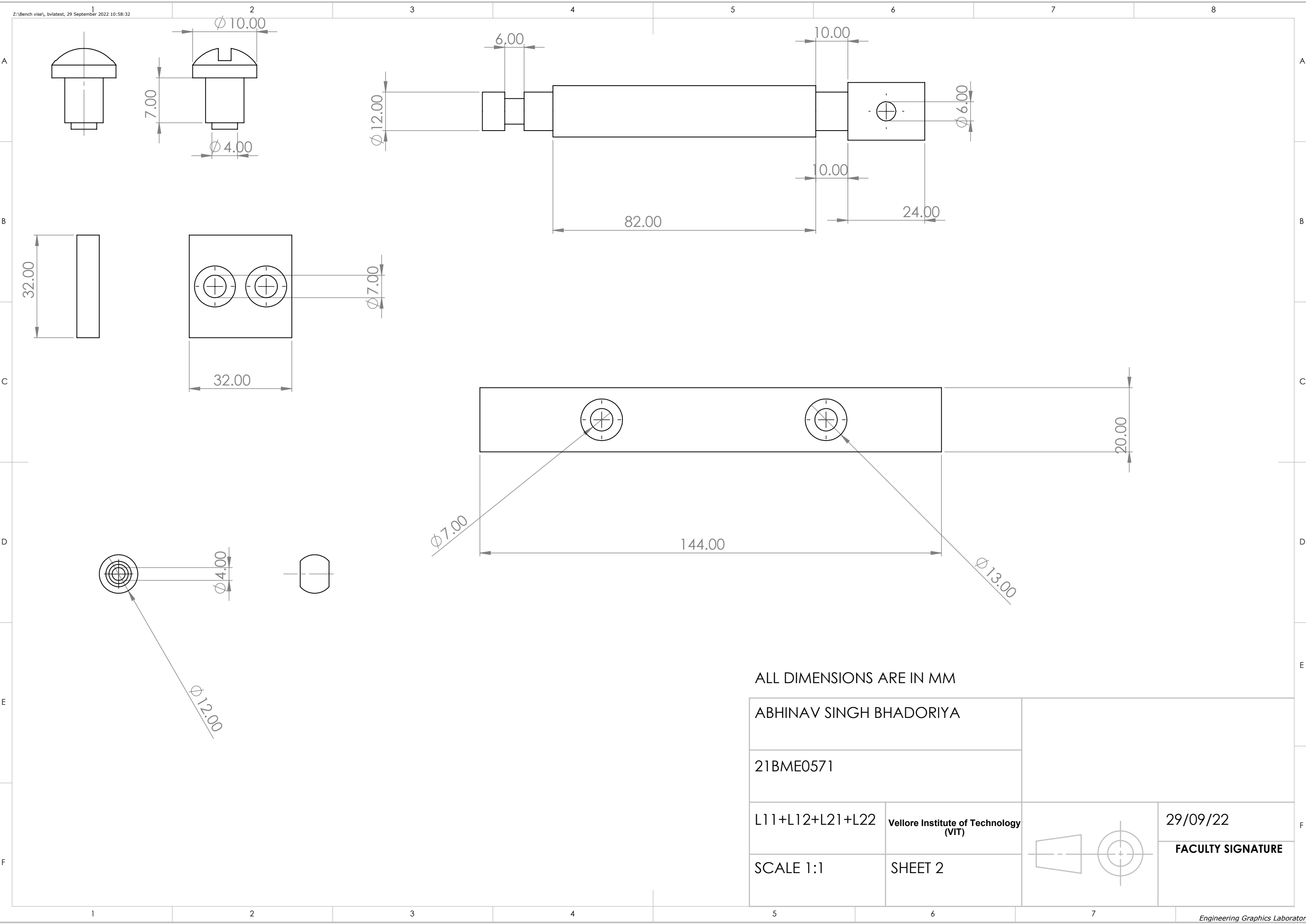
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ALL DIMENSIONS ARE IN MM

ABHINAV SINGH BHADORIYA			
21BME0571			
L11+L12+L22+L23	Vellore Institute of Technology (VIT)		29/09/22
SCALE 1:1	SHEET 1		FACULTY SIGNATURE



ALL DIMENSIONS ARE IN MM

ABHINAV SINGH BHADORIYA

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L11+L12+L21+L22

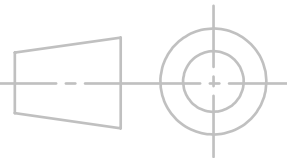
Vellore Institute of Technology
(VIT)

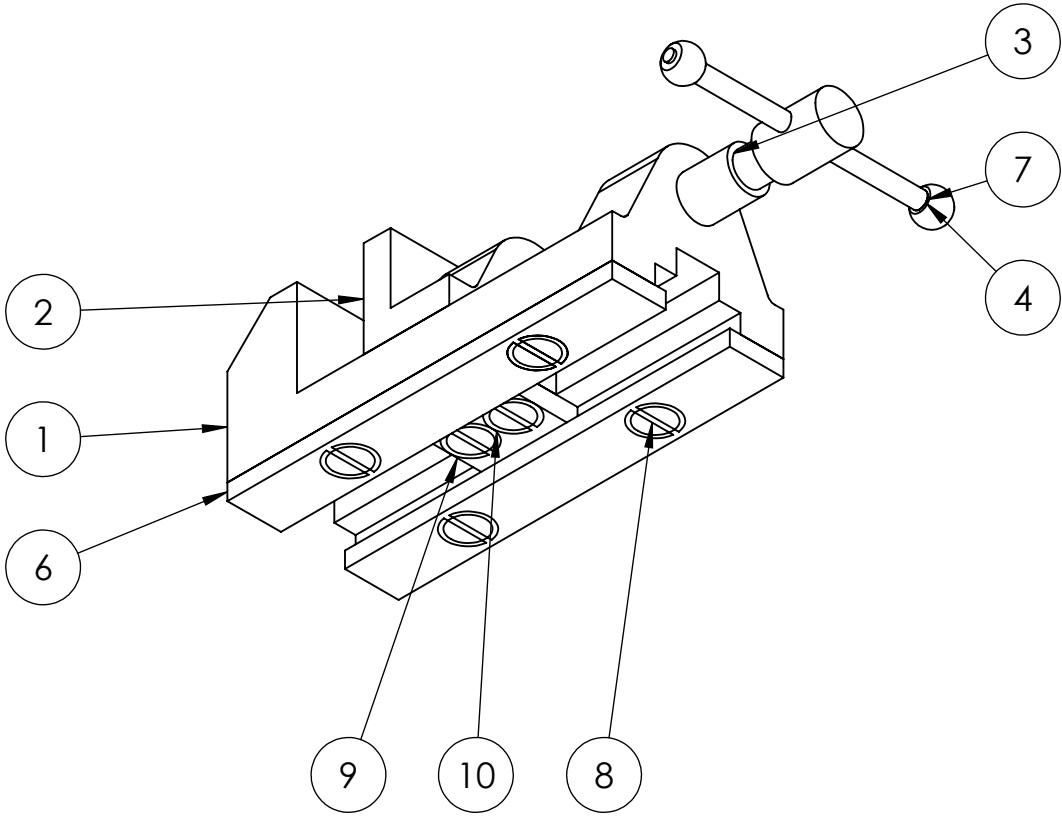
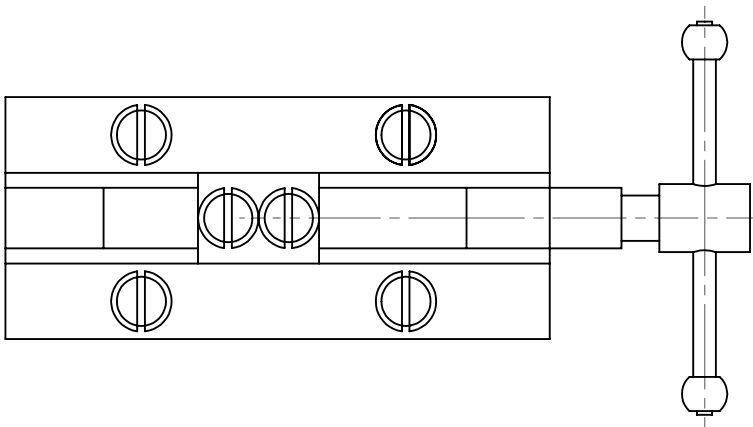
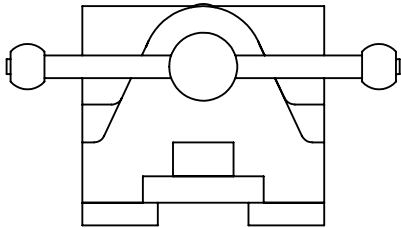
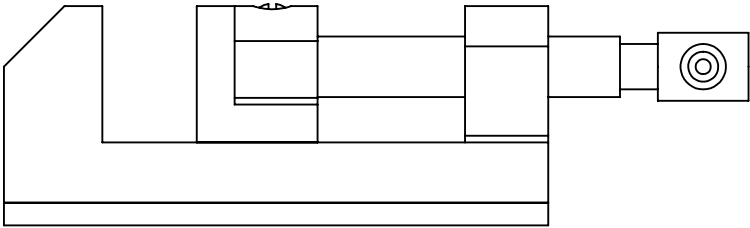
29/09/22

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SCALE 1:1

SHEET 2





PART NO.	PART NAME	MATERIAL	QTY.
1	Vice body	Cast iron	1
2	Vice jaw	Cast iron	1
3	JAW SCREW	Alloy steel	1
4	Screwbar	Stainless steel	1
5	OVAL FILLISTER	stainless steel	1
6	Base plate	Mild steel	2
7	Barglobe	Stainless steel	2
8	Set screw 1	Stainless steel	4
9	Clamping plate	Steel	1
10	Set screw 2	Stainless steel	2

ALL DIMENSIONS ARE IN MM

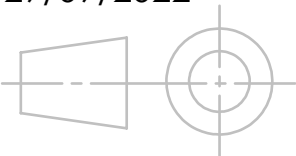
Abhinav Singh Bhadoriya

21BME0571

L11+L12+L21+L22

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29/09/2022



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SCALE1:2

SHEET 3