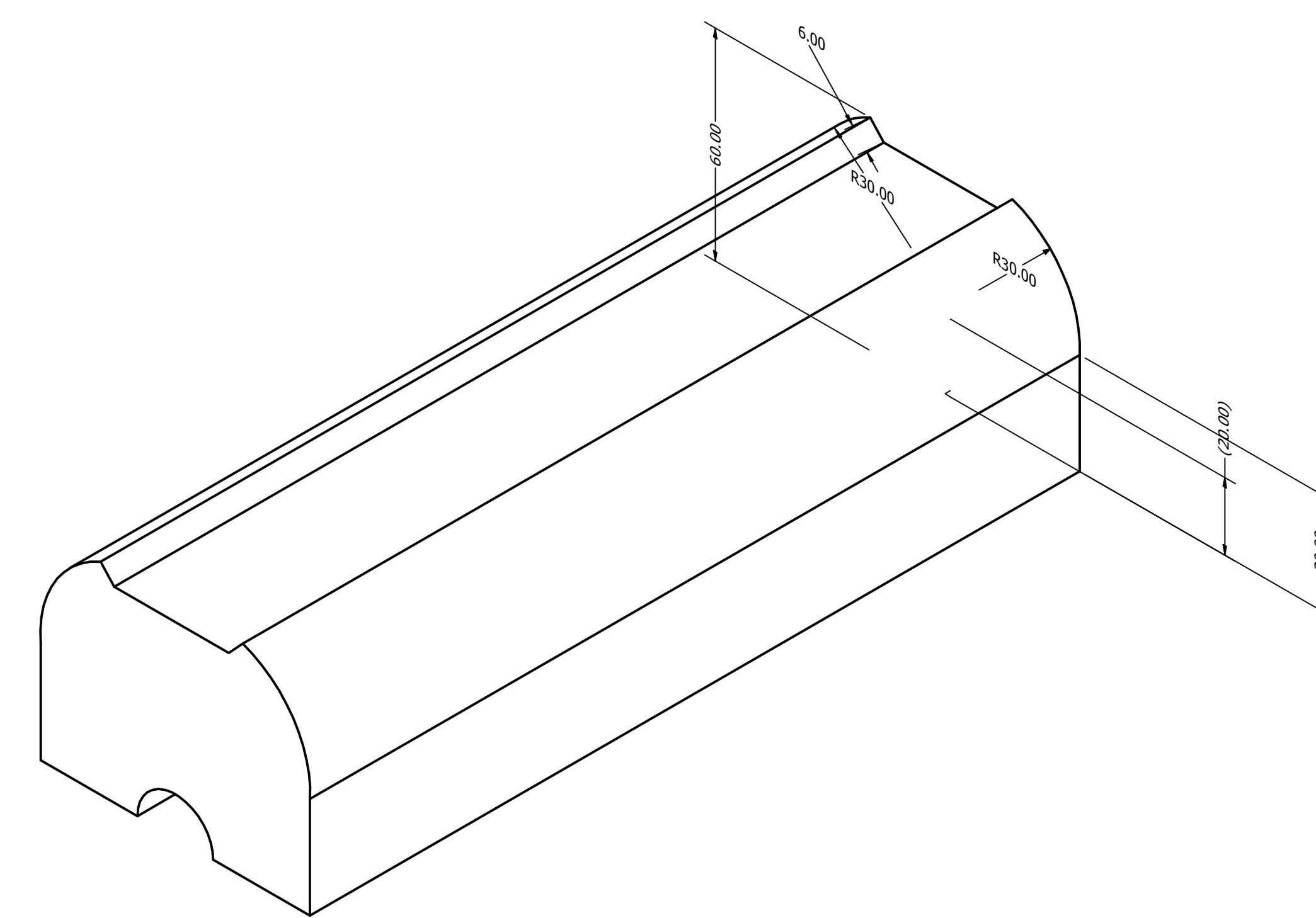
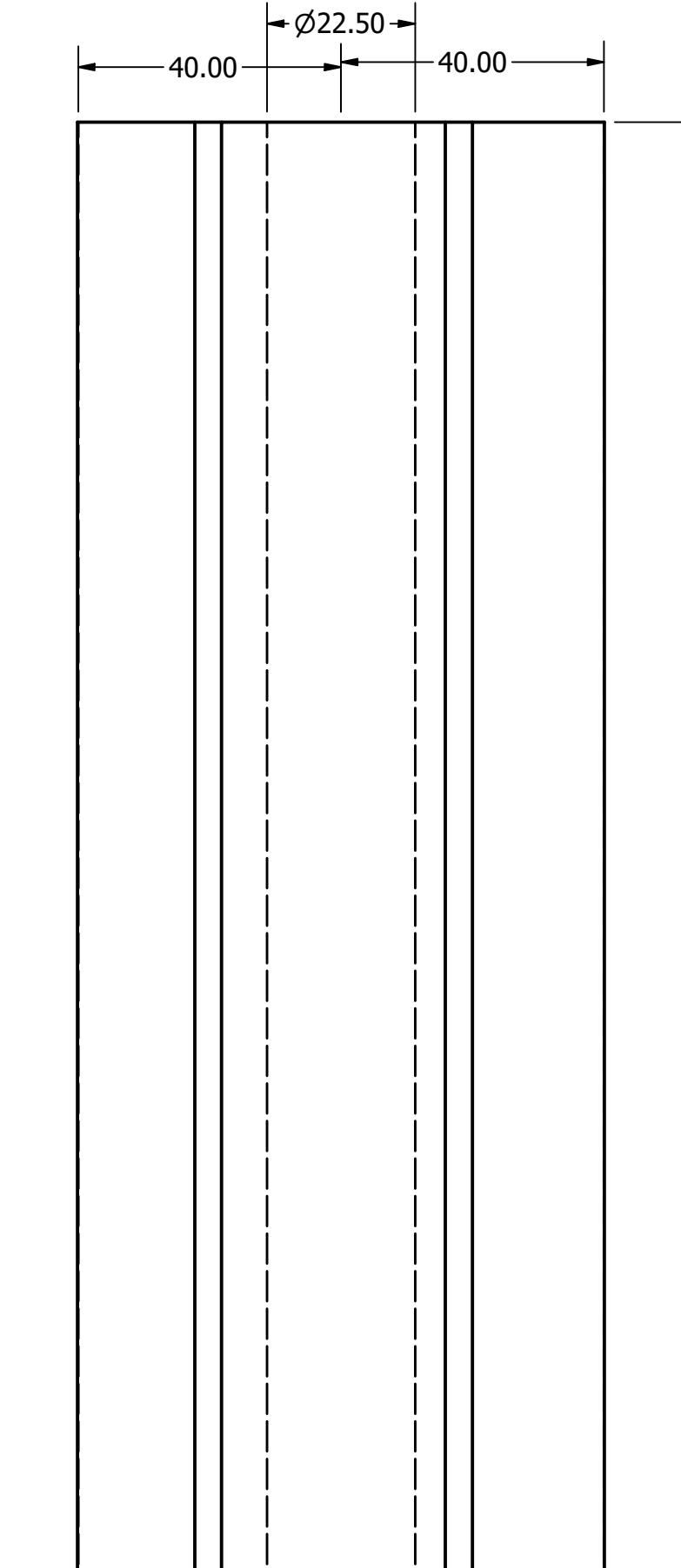
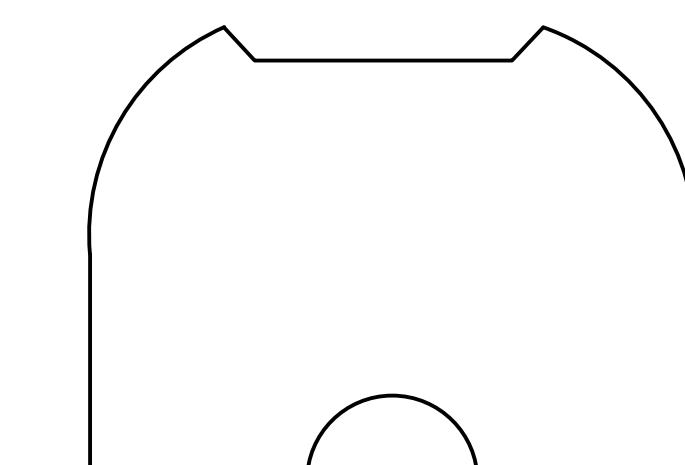


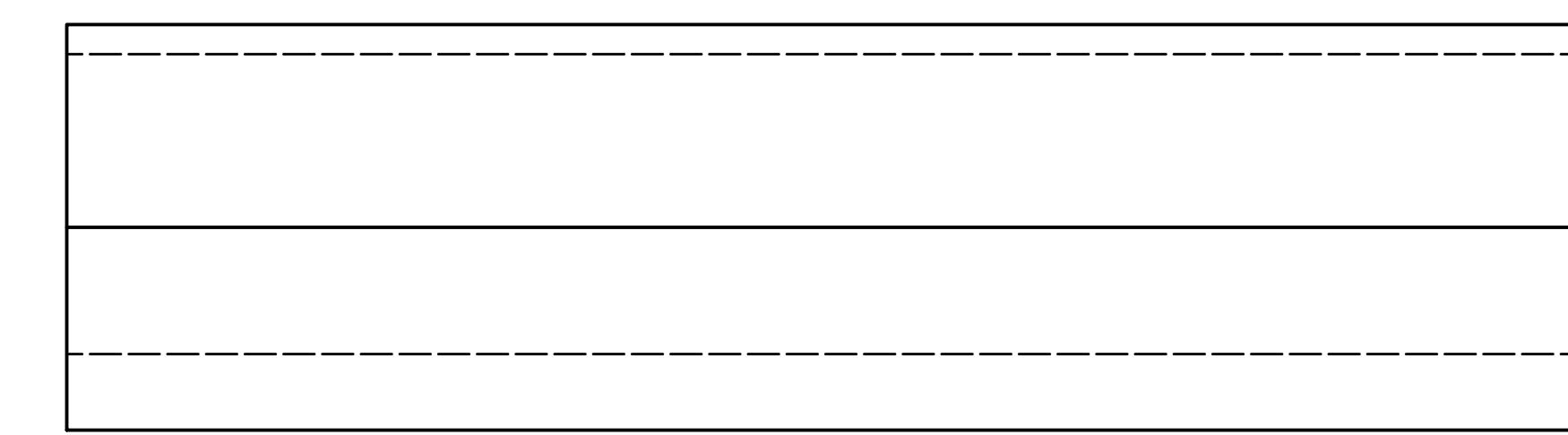
8 7 6 5 4 3 2 1



ISOMETRIC VIEW
SCALE 1 : 1

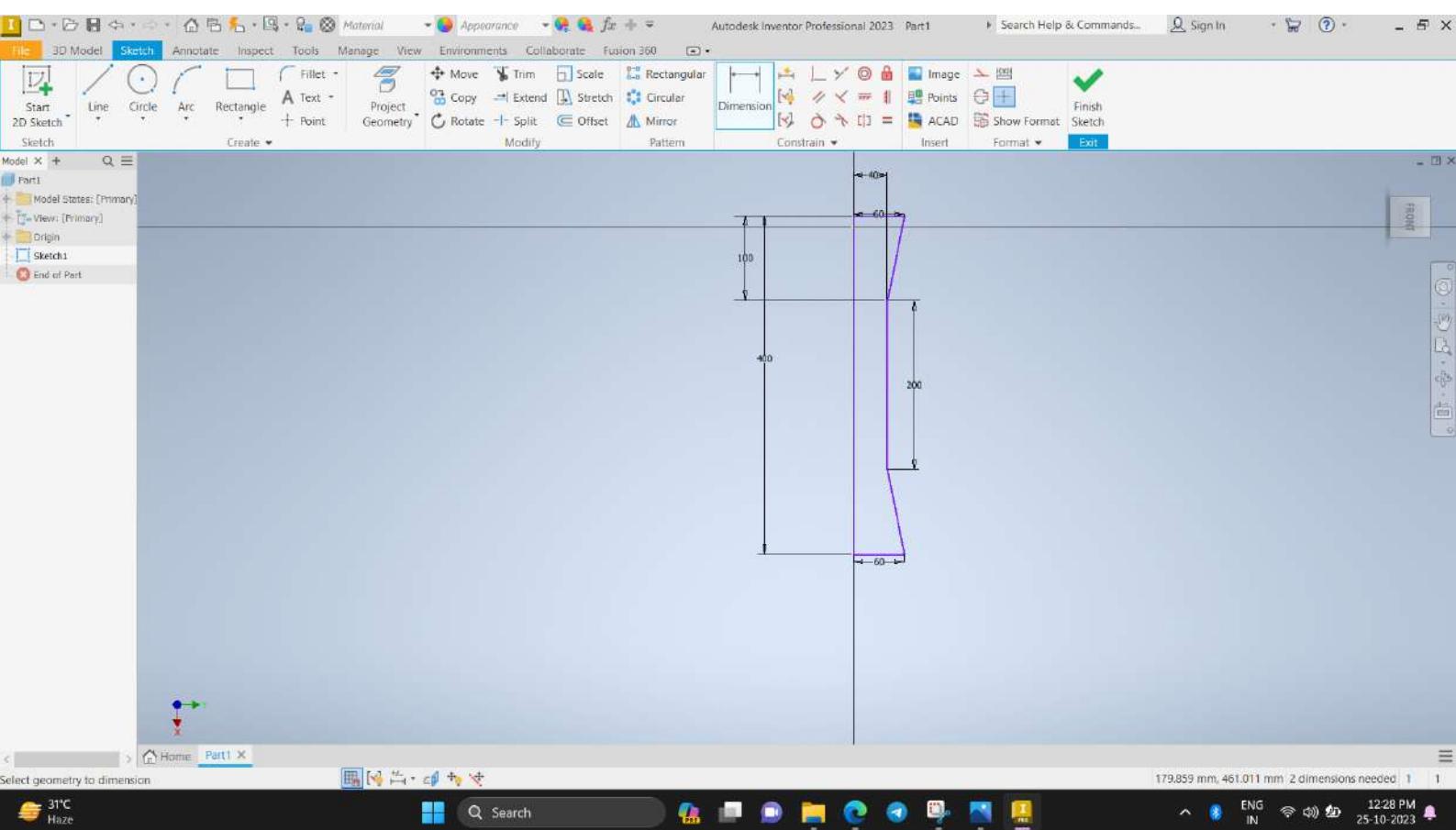


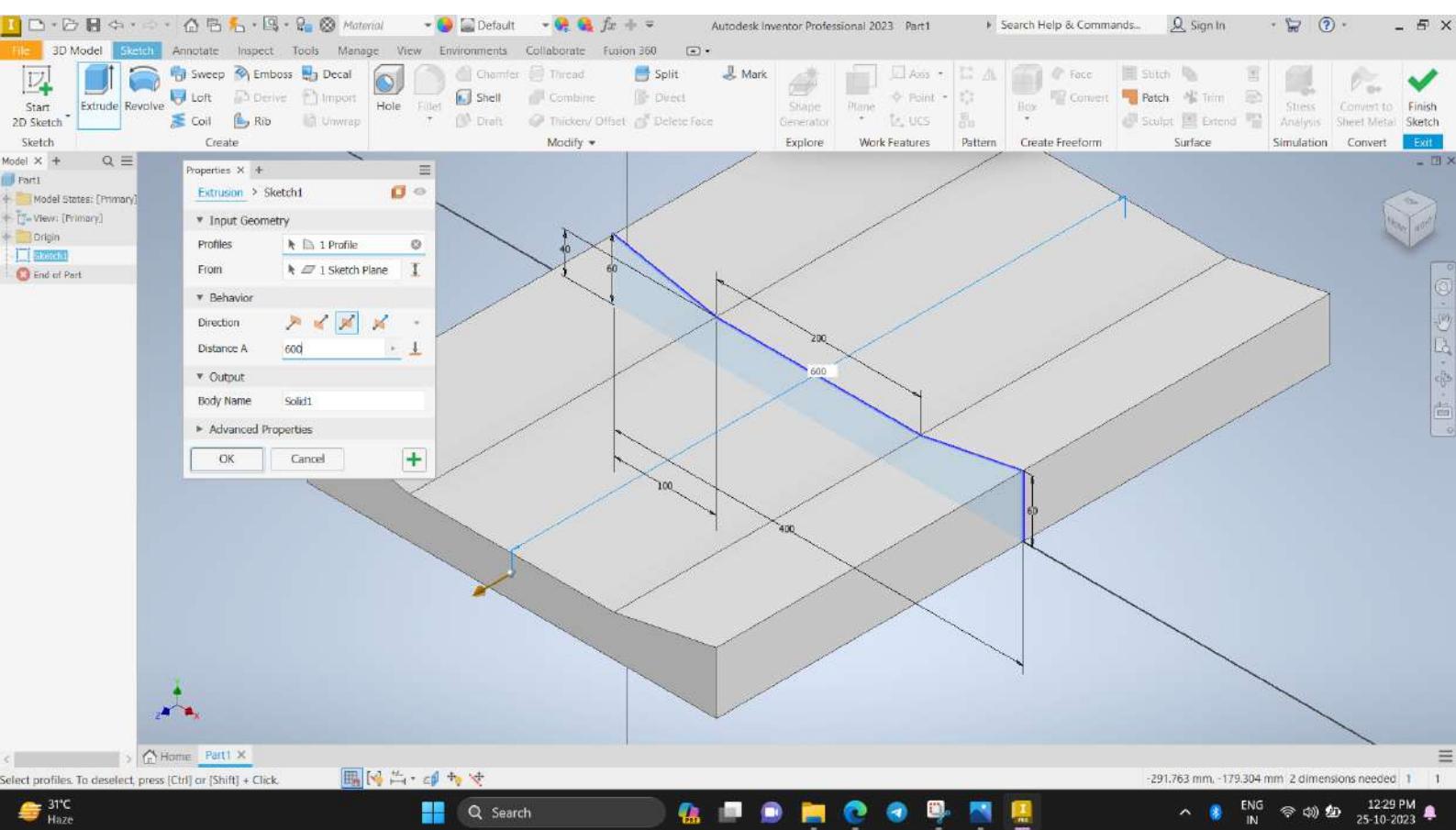
FRONT VIEW
SCALE 1 : 1

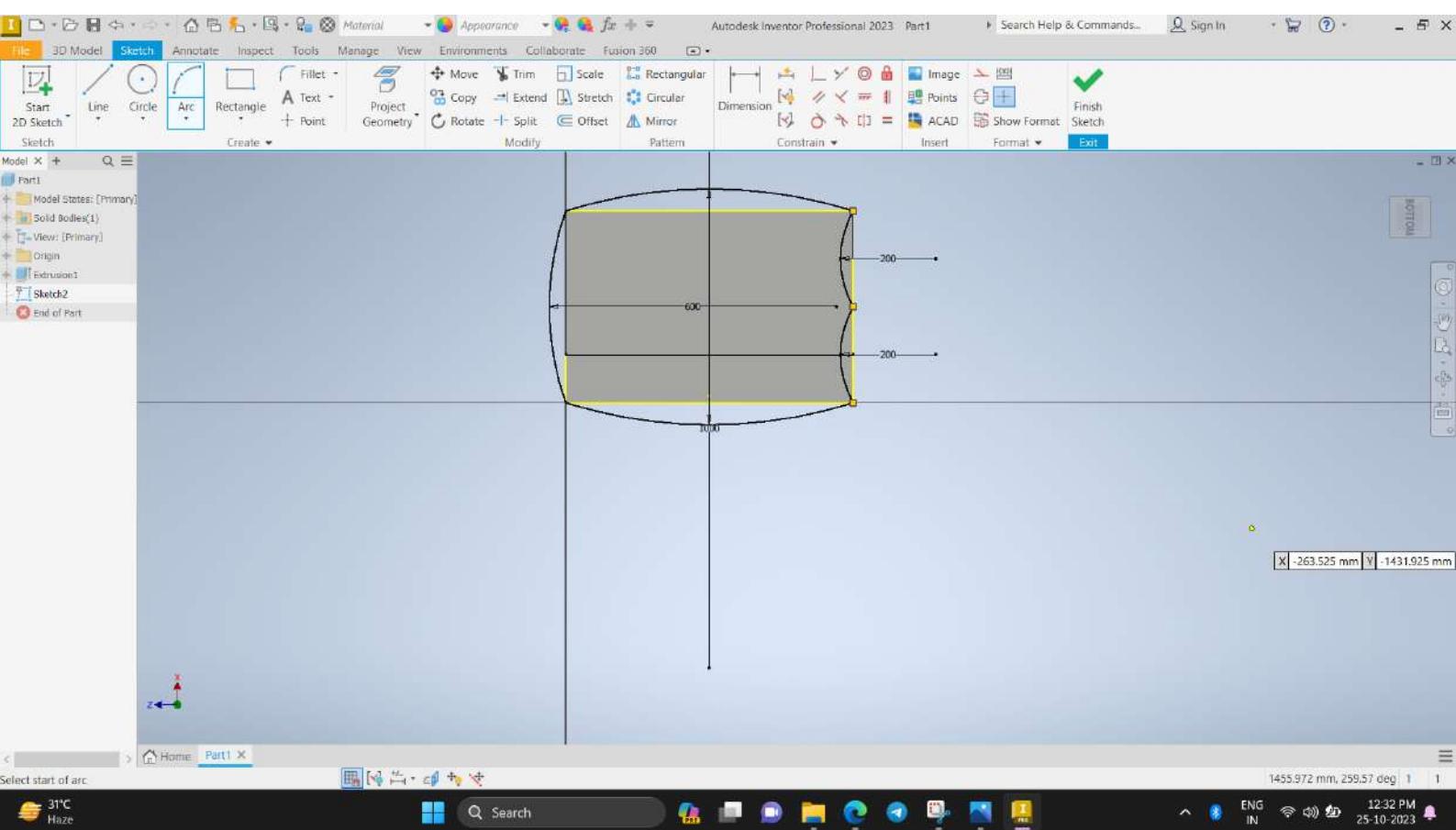


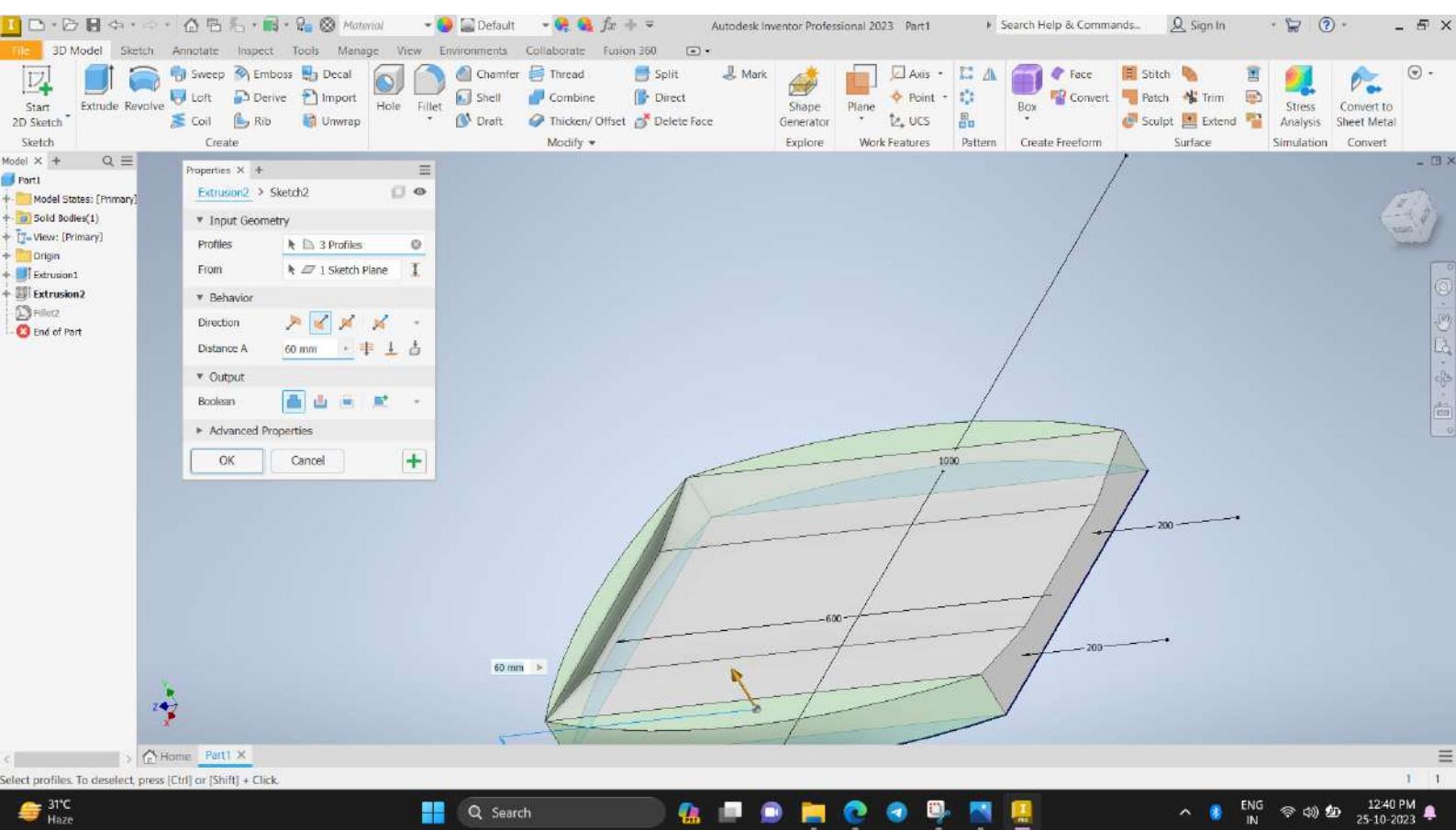
SIDE VIEW
SCALE 1 : 1

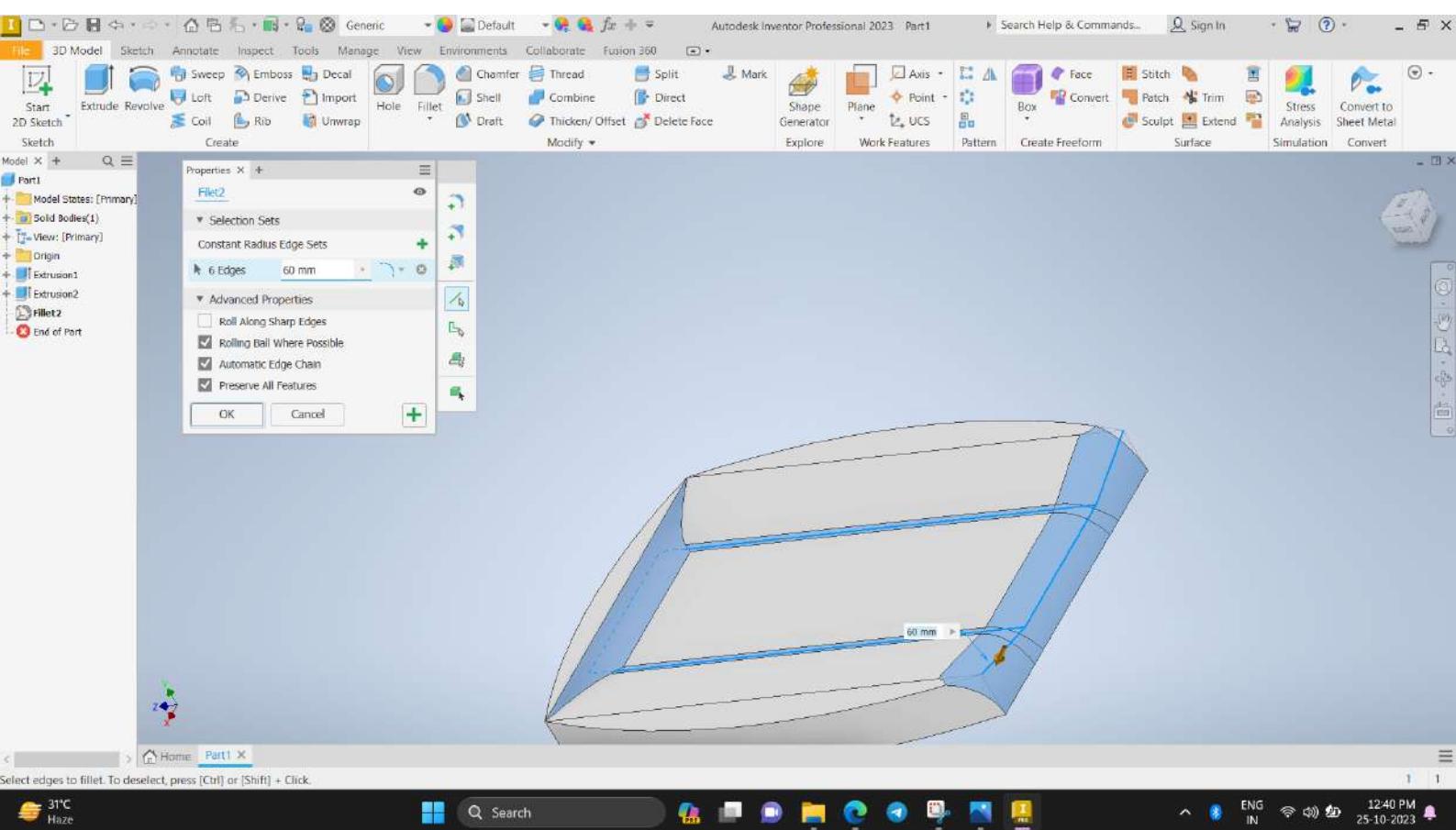
DRAWN RACHIT MEHTA	16-11-2023	TITLE	
CHECKED		ARMREST	
QA			
MFG			
APPROVED		SIZE D	DWG NO arm rest final 1
		SCALE 1 : 1	REV
			SHEET 1 OF 1

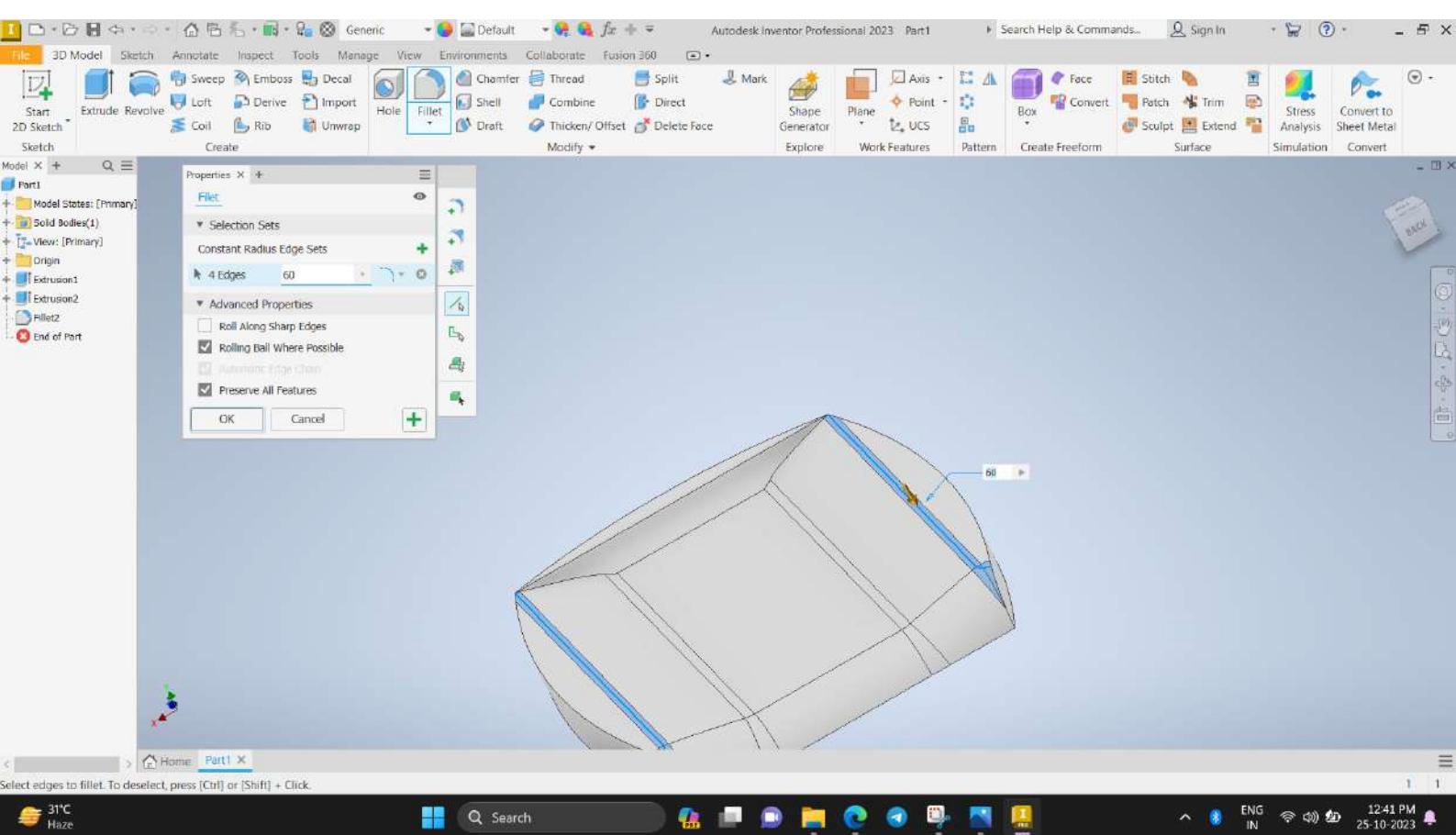


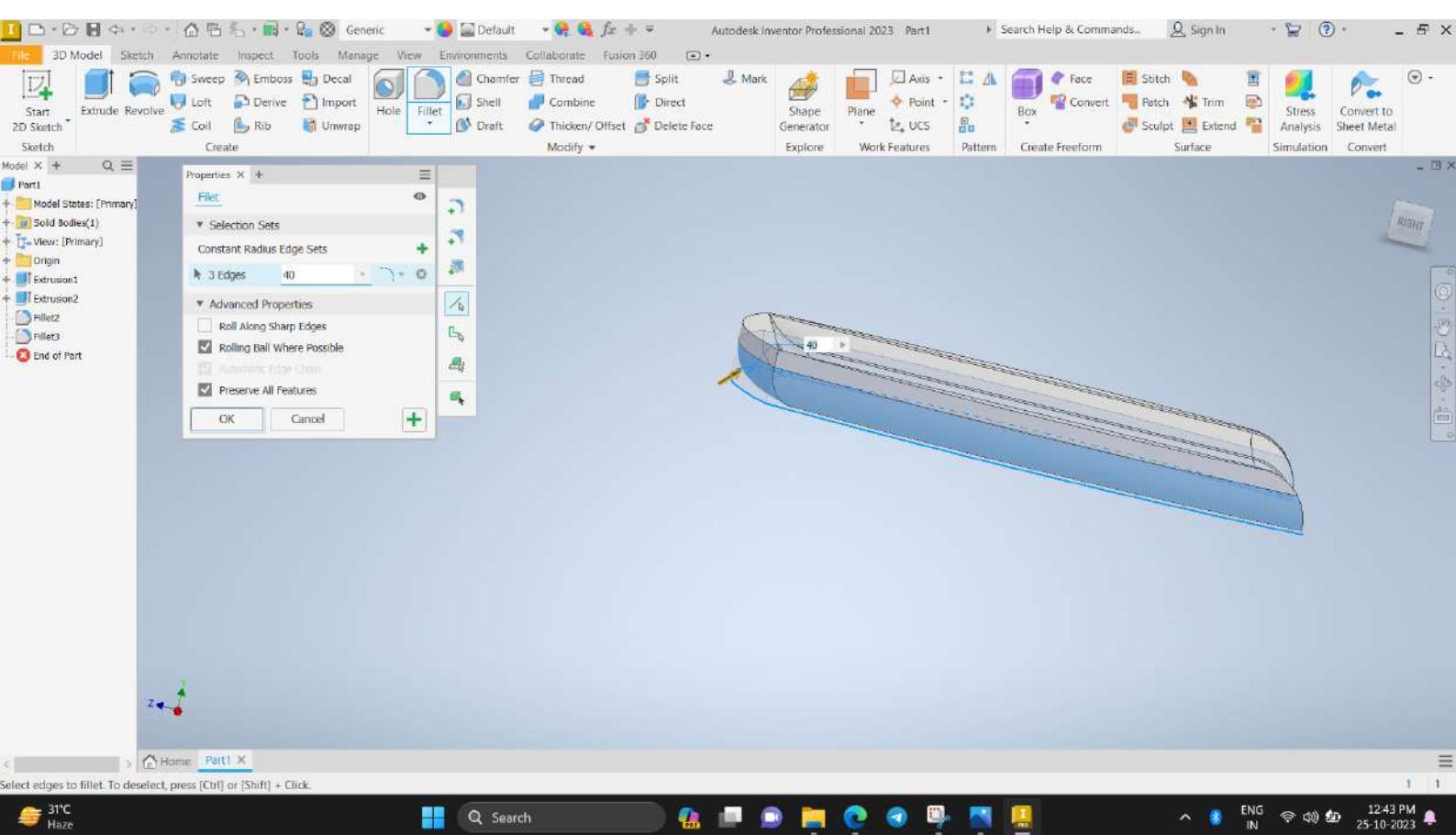




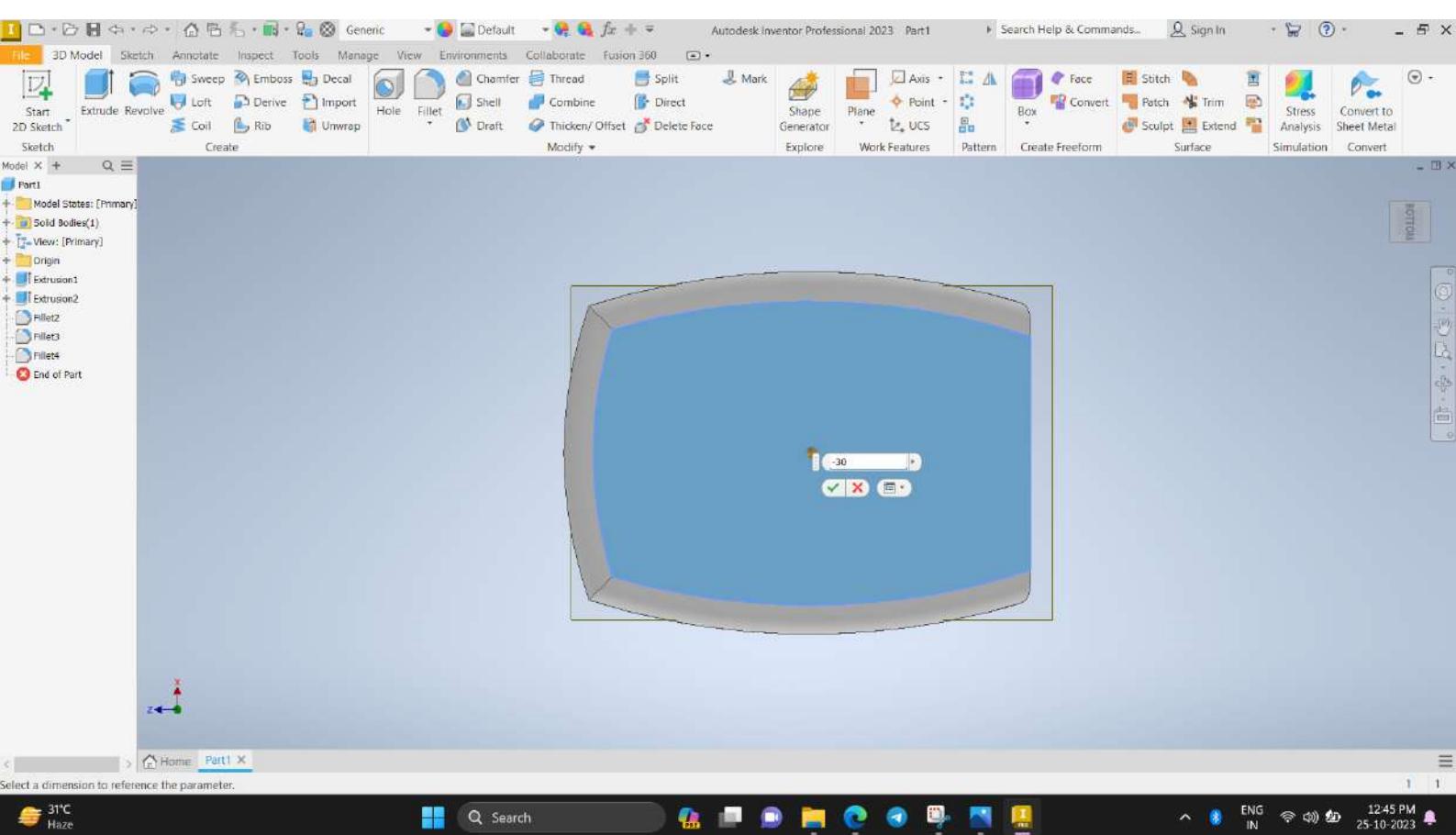


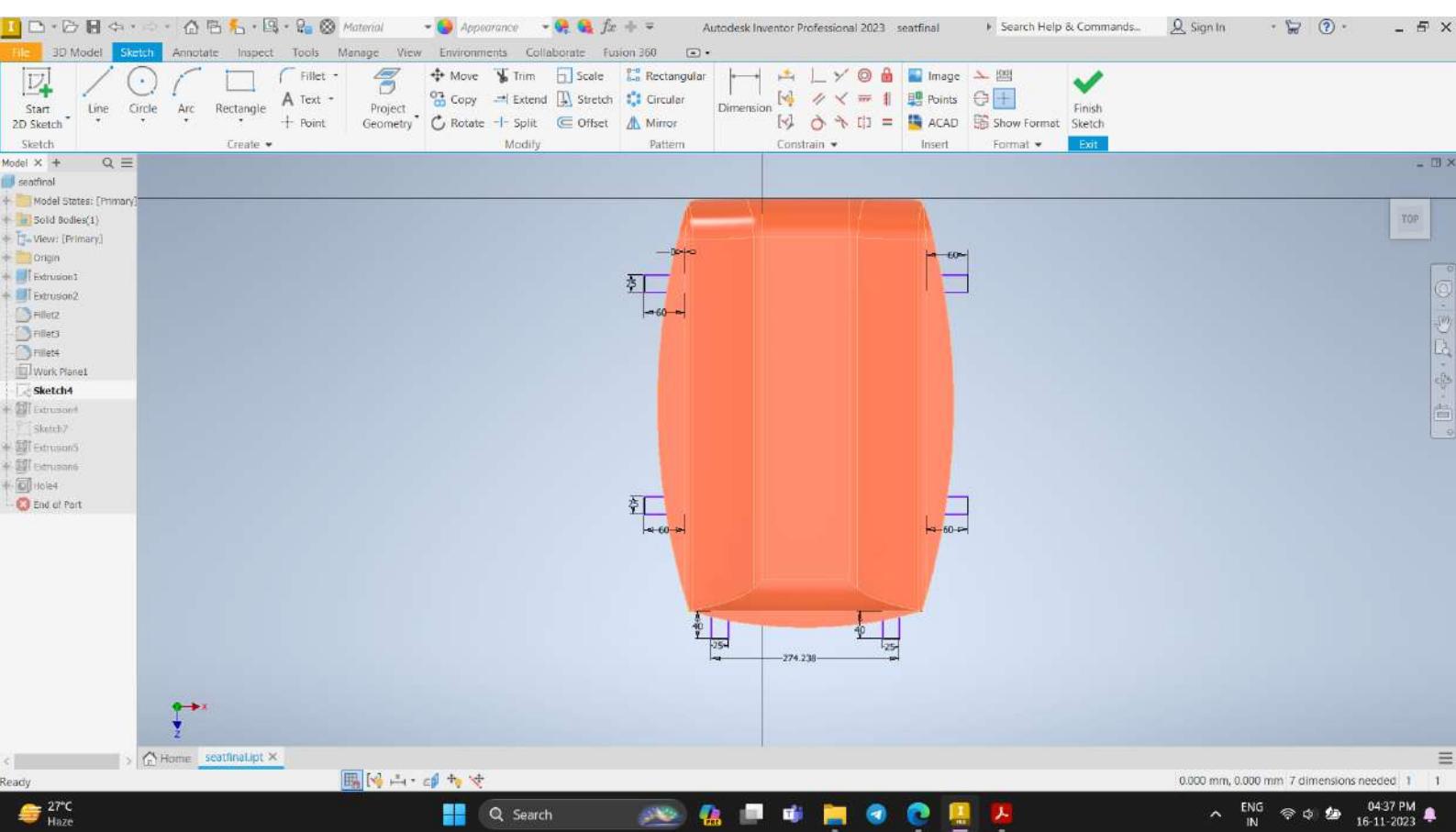


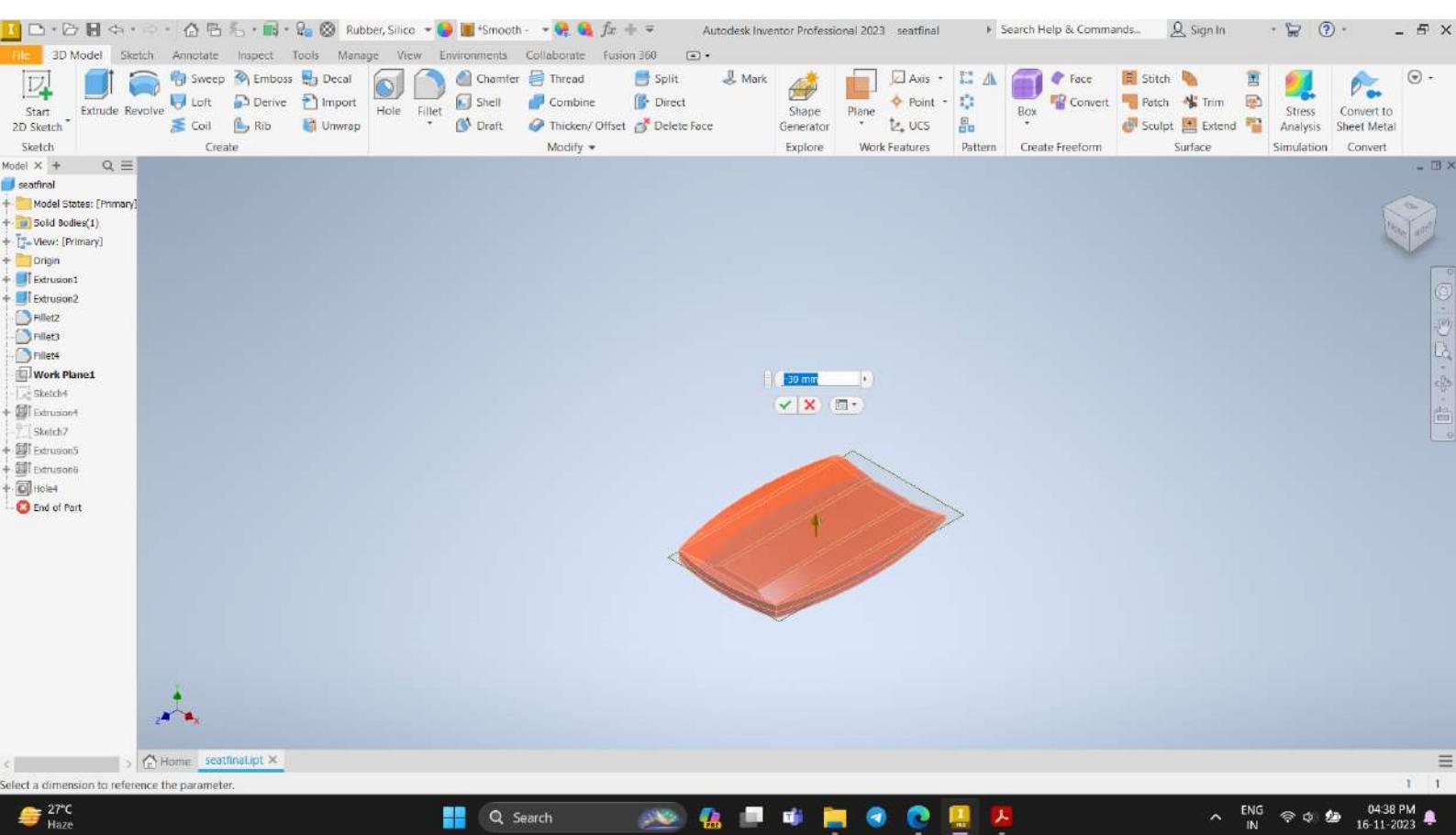


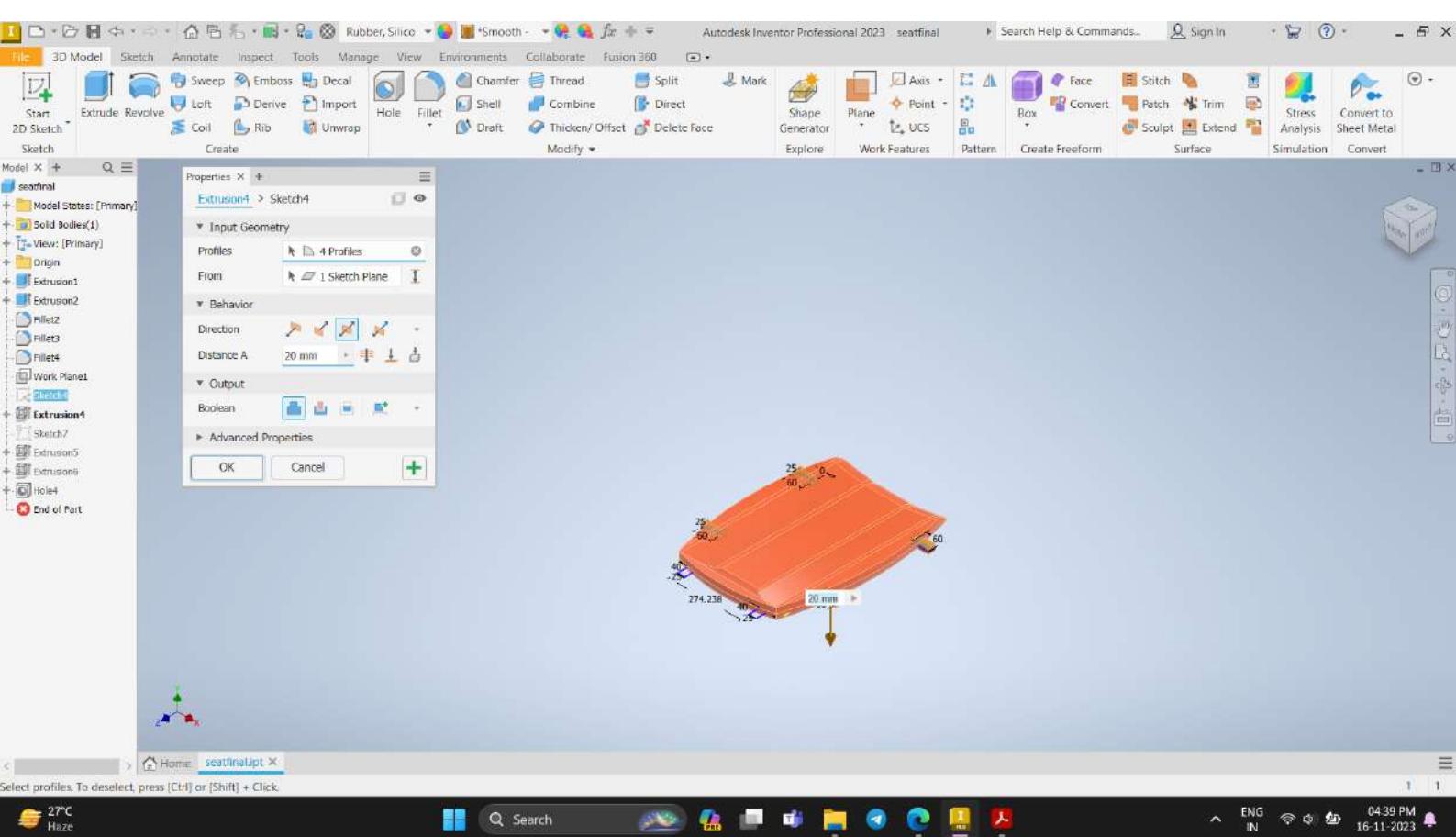


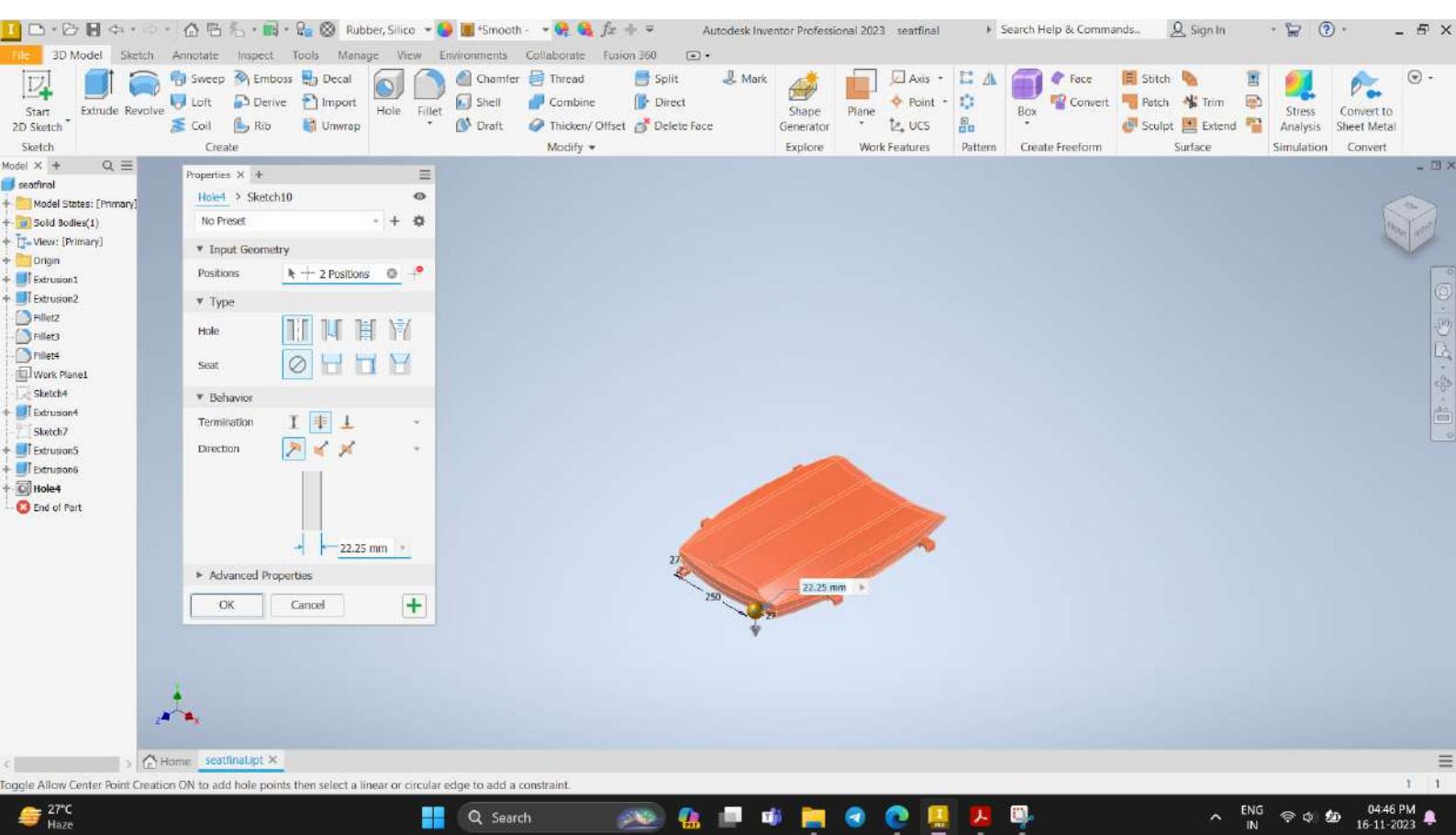
31°C Haze ENG IN 12:43 PM 25-10-2023

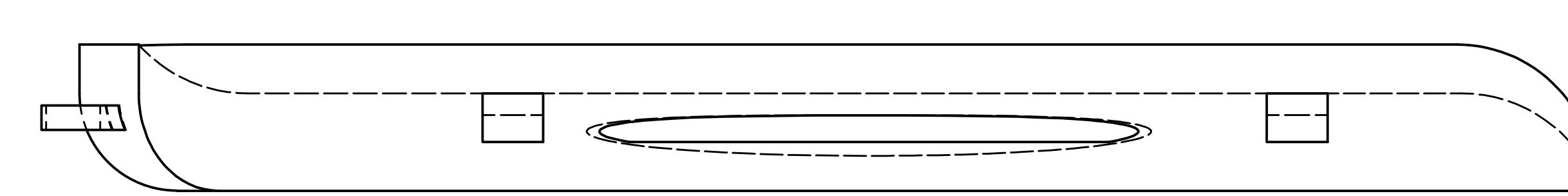
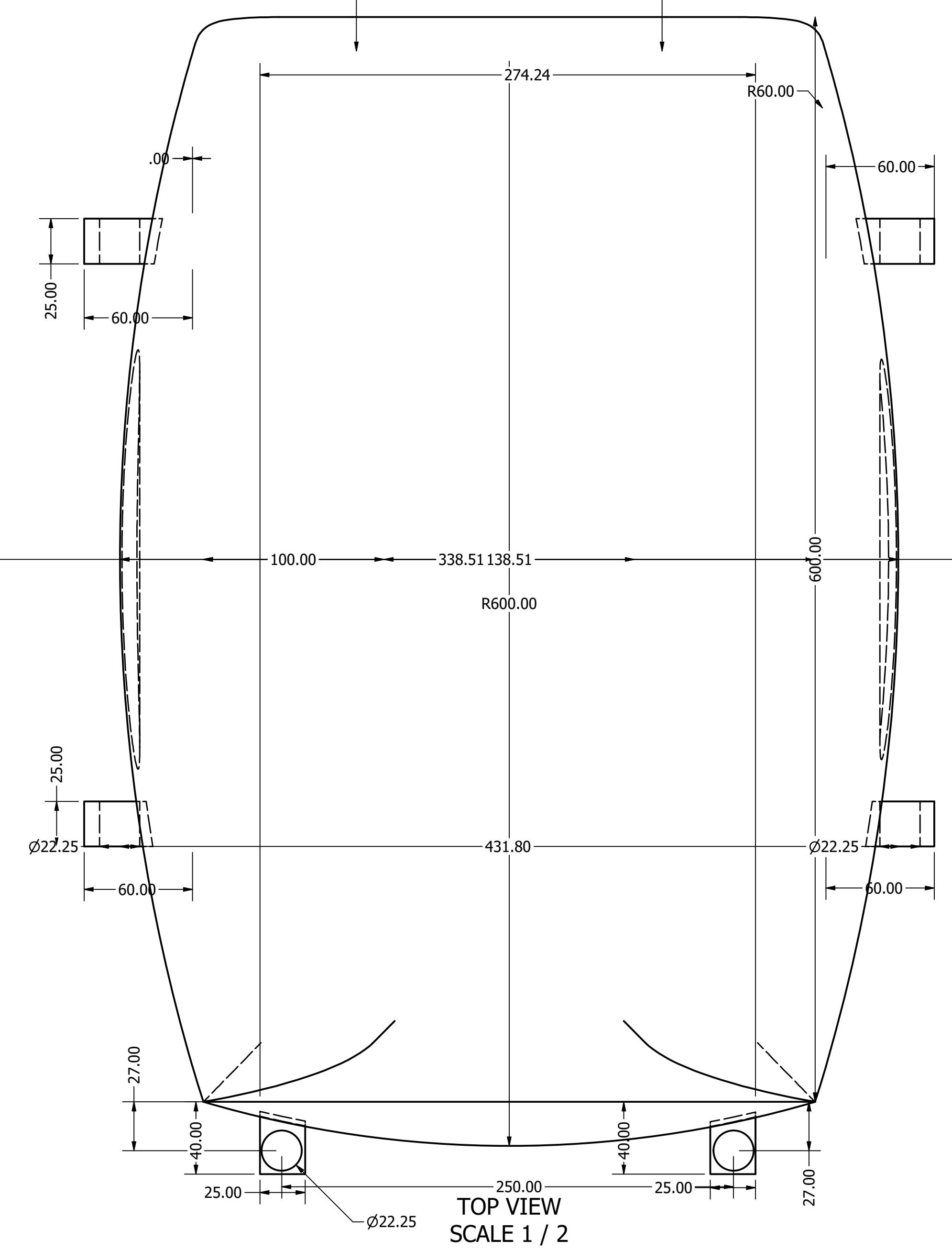




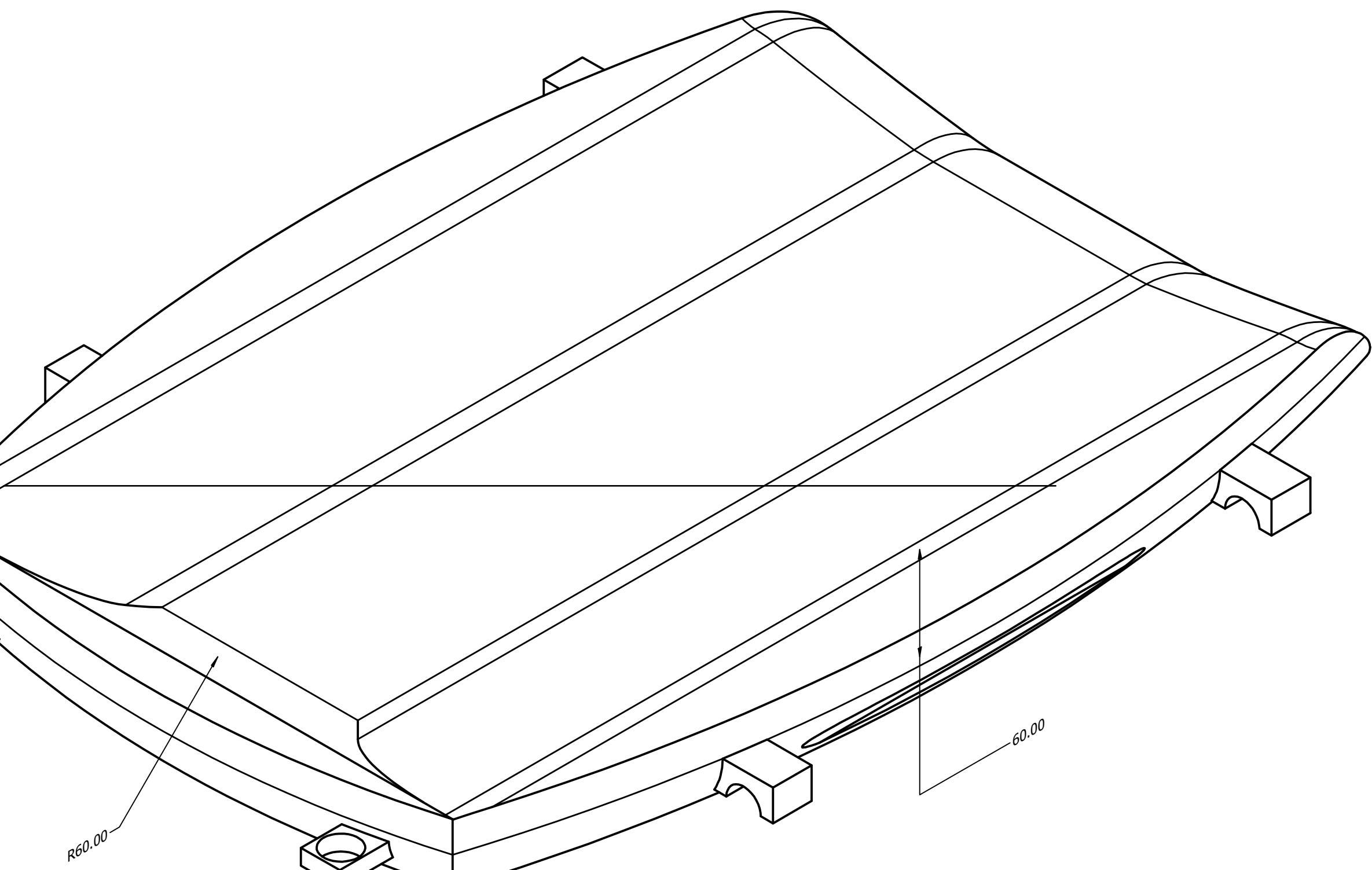






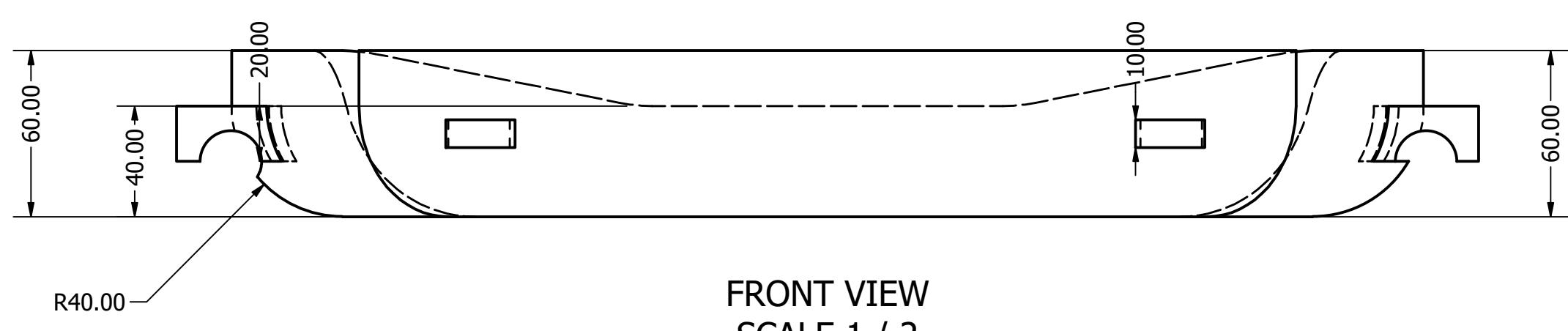


**FRONT VIEW
SCALE 1 / 2**



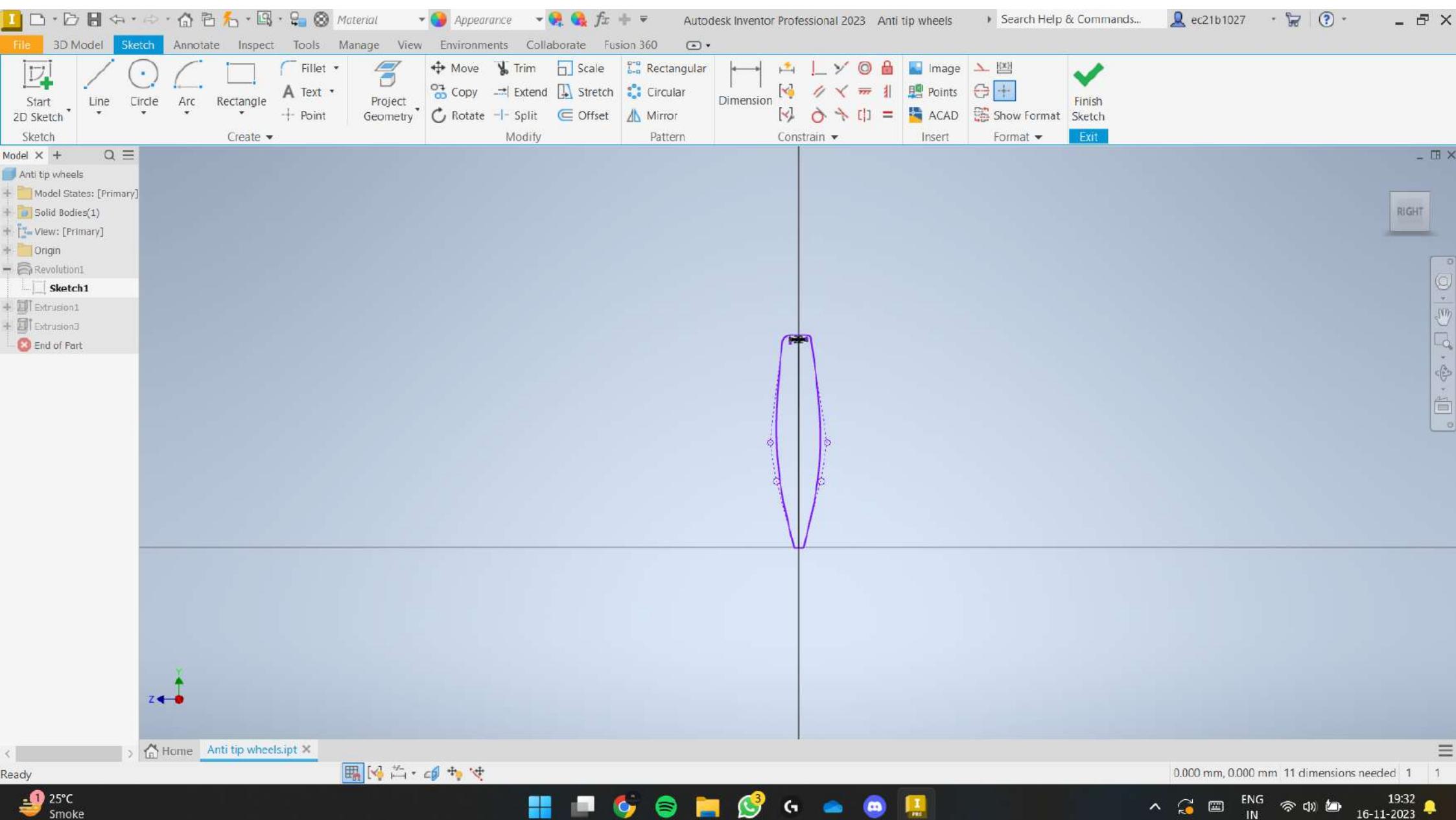
ISOMETRIC VIEW

SCALE 1 / 2



SIDE VIEW
SCALE 1 /

DRAWN RACHIT MEHTA	16-11-2023			
CHECKED				
QA		TITLE		
MFG		SEAT		
APPROVED		SIZE D	DWG NO seatfinal	REV
		SCALE 1 / 2		SHEET 1 OF 1



Autodesk Inventor Professional 2023 Anti tip wheels

File 3D Model Sketch Annotate Tools Manage View Environments Collaborate Fusion 360

Start 2D Sketch Sketch Extrude Revolve Loft Derive Import Create Hole Fillet Shell Draft Thread Split Direct Shape Generator Plane Axis Point UCS Pattern Box Face Stitch Patch Sculpt Convert Trim Extend Surface Stress Analysis Simulation Convert

Anti tip wheels

+ Model States: [Primary]
+ Solid Bodies(1)
+ View: [Primary]
+ Origin
- Revolution1
 Sketch1
- Extrusion1
 Sketch2
- Extrusion2
End of Part

FRONT

Revolution1

Sketch1

Extrusion1

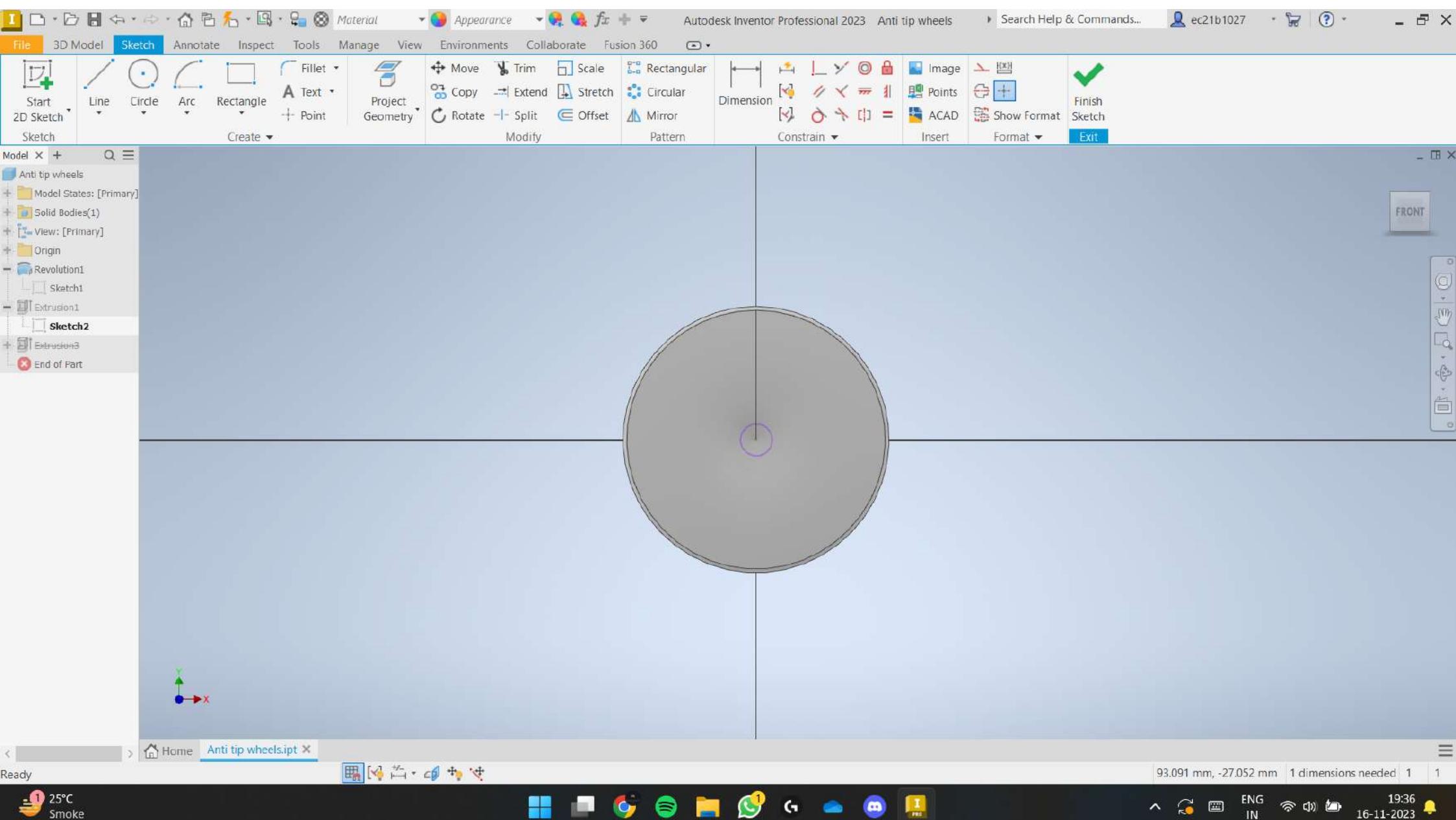
Sketch2

Extrusion2

End of Part

Home Anti tip wheels.upt Ready

25°C Smoke ENG IN 19:36 16-11-2023



Autodesk Inventor Professional 2023 Anti tip wheels

File 3D Model Sketch Annotate Tools Manage View Environments Collaborate Fusion 360

Start 2D Sketch Sketch Extrude Revolve Loft Derive Import Create Hole Fillet Shell Draft Thread Split Direct Shape Generator Plane Axis Point UCS Pattern Box Face Stitch Patch Sculpt Convert Trim Extend Surface Stress Analysis Simulation Convert

Anti tip wheels

+ Model States: [Primary]
+ Solid Bodies(1)
+ View: [Primary]
+ Origin
- Revolution1
 Sketch1
- Extrusion1
 Sketch2
+ Extrusion3
End of Part

FRONT

Revolution1

Sketch1

Extrusion1

Sketch2

Extrusion3

End of Part

Home Anti tip wheels.ipt

Ready

25°C Smoke

ENG IN 19:36 16-11-2023

Autodesk Inventor Professional 2023 Anti tip wheels

File 3D Model Sketch Annotate Inspect Tools Manage View Environments Collaborate Fusion 360

Appearance Search Help & Commands... ec21b1027

Start 2D Sketch Line Circle Arc Rectangle Text Project Geometry Rotate Copy Extend Stretch Rectangular Circular Mirror Dimension Points ACAD Insert Show Format Format Exit

Sketch Create Modify Pattern Constrain

Model Anti tip wheels + Model States: [Primary] Solid Bodies(1) View: [Primary] Origin Revolution1 Sketch1 Extrusion1 Sketch2 Extrusion3 Sketch3 End of Part

FRONT

(360.00)

Home Anti tip wheels.ipt Ready 107.820 mm, -35.970 mm 6 dimensions needed 1 25°C Smoke ENG IN 19:36 16-11-2023

Autodesk Inventor Professional 2023 Anti tip wheels

File 3D Model Sketch Annotate Tools Manage View Environments Collaborate Fusion 360

Start 2D Sketch Sketch Extrude Revolve Loft Derive Import Create Hole Fillet Shell Draft Thread Split Direct Shape Generator Plane Axis Point UCS Pattern Box Face Stitch Patch Sculpt Convert Trim Extend Surface Create Freeform Work Features Explore Pattern Stress Analysis Simulation Convert

Anti tip wheels

+ Model States: [Primary]
+ Solid Bodies(1)
+ View: [Primary]
+ Origin
- Revolution1
 Sketch1
- Extrusion1
 Sketch2
- Extrusion3
 Sketch3
End of Part

FRONT

Revolution1

Extrusion1

Extrusion3

Sketch1

Sketch2

Sketch3

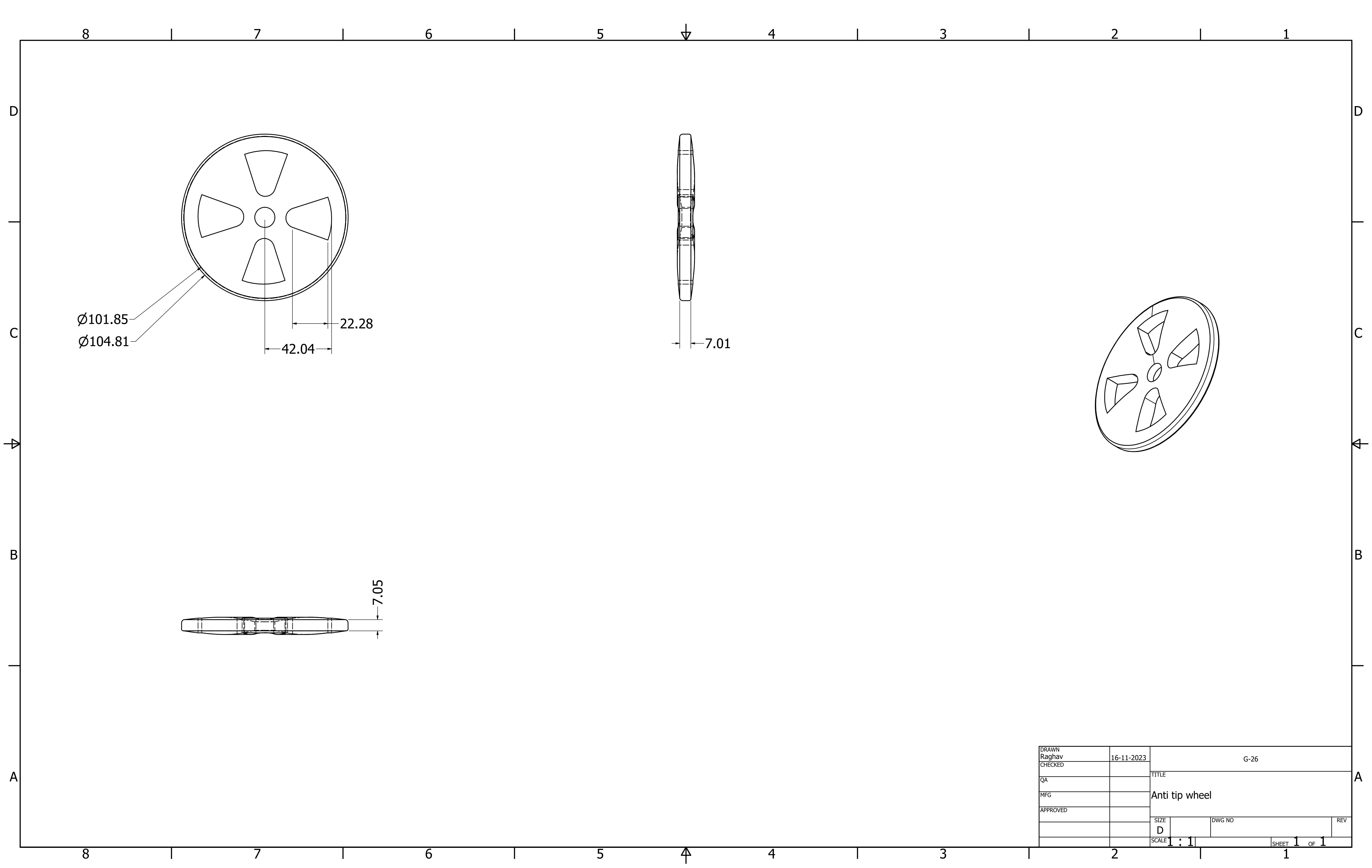
25°C Smoke

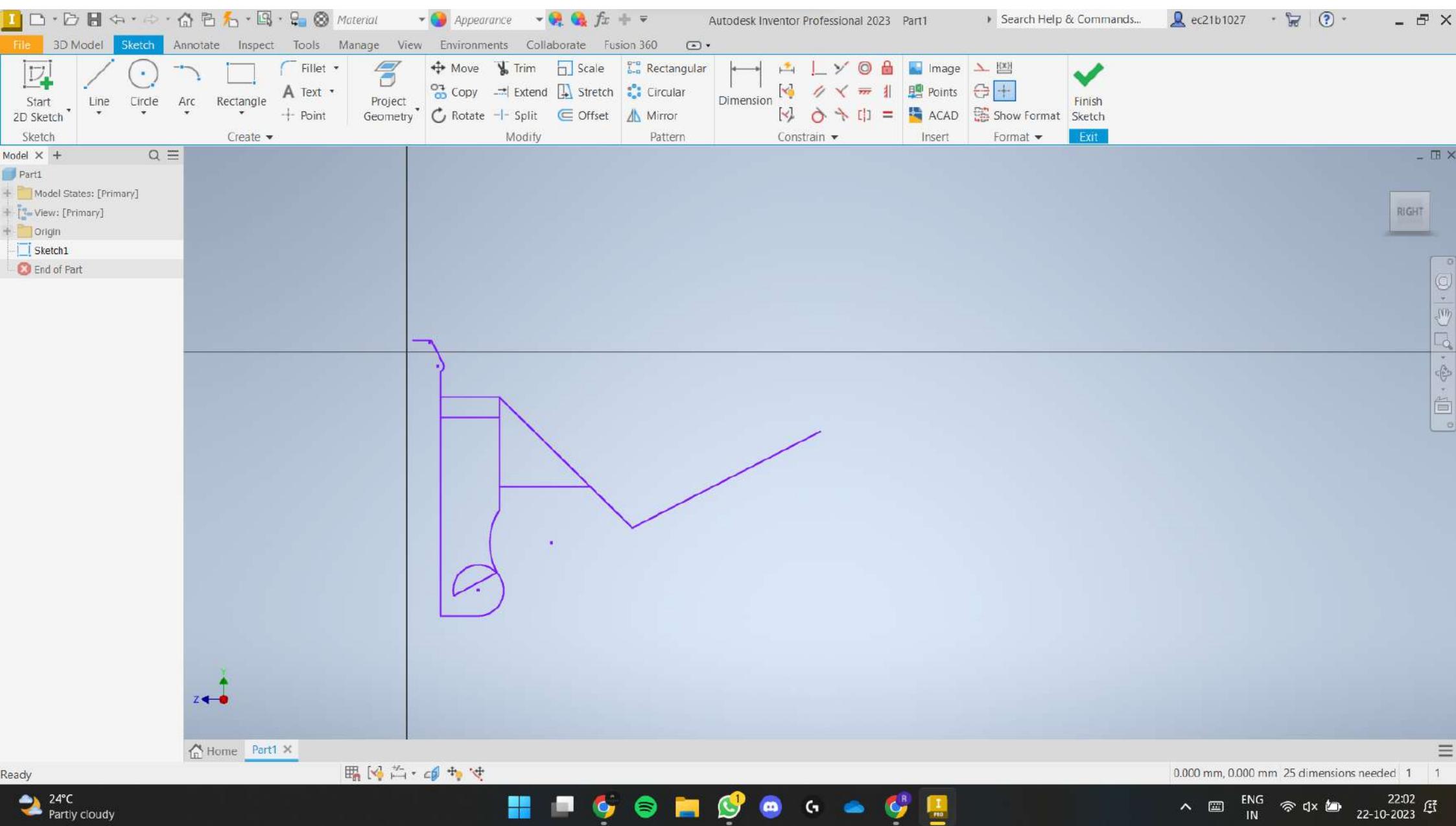
Home Anti tip wheels.ipt

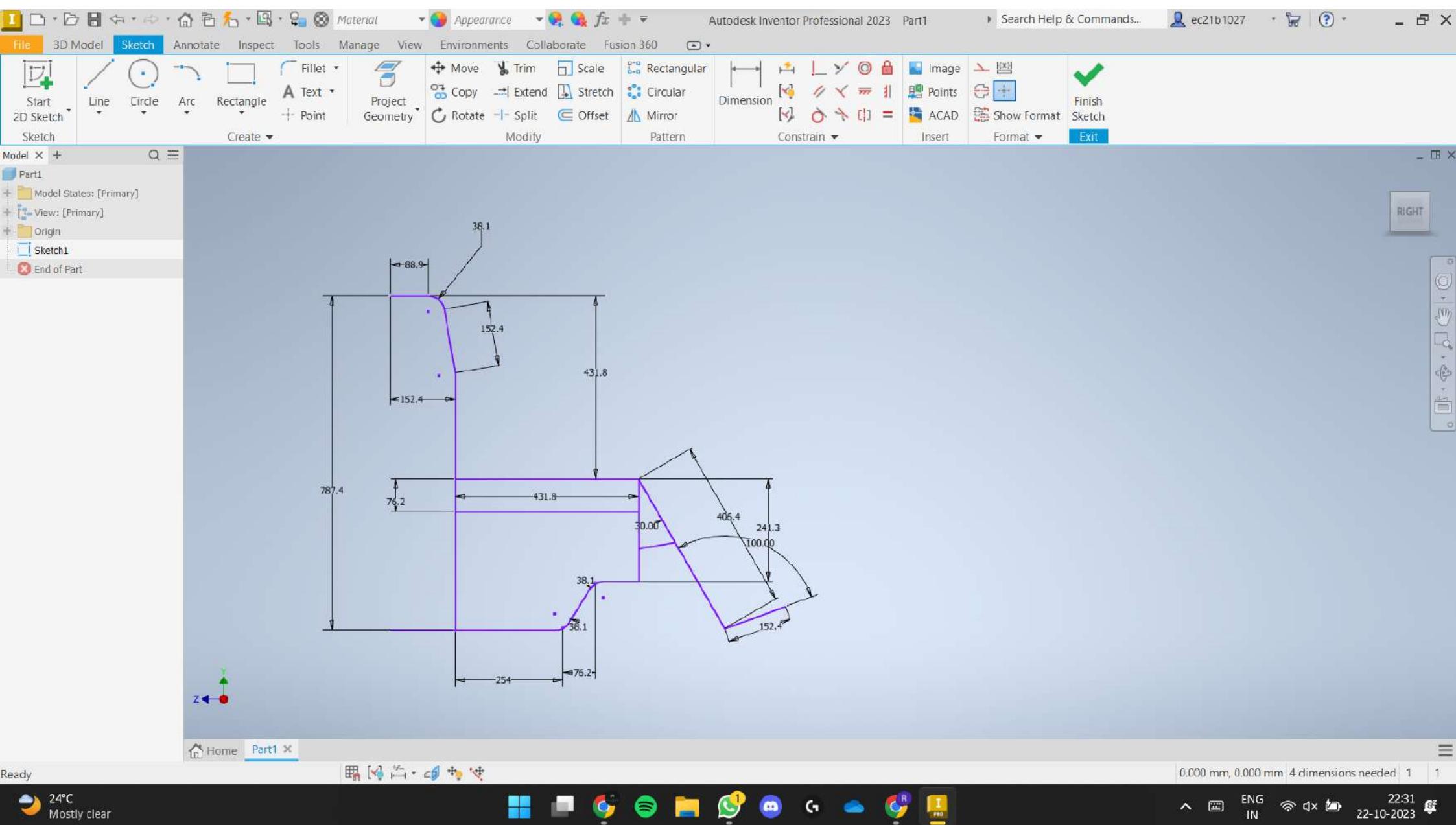
For Help, press F1

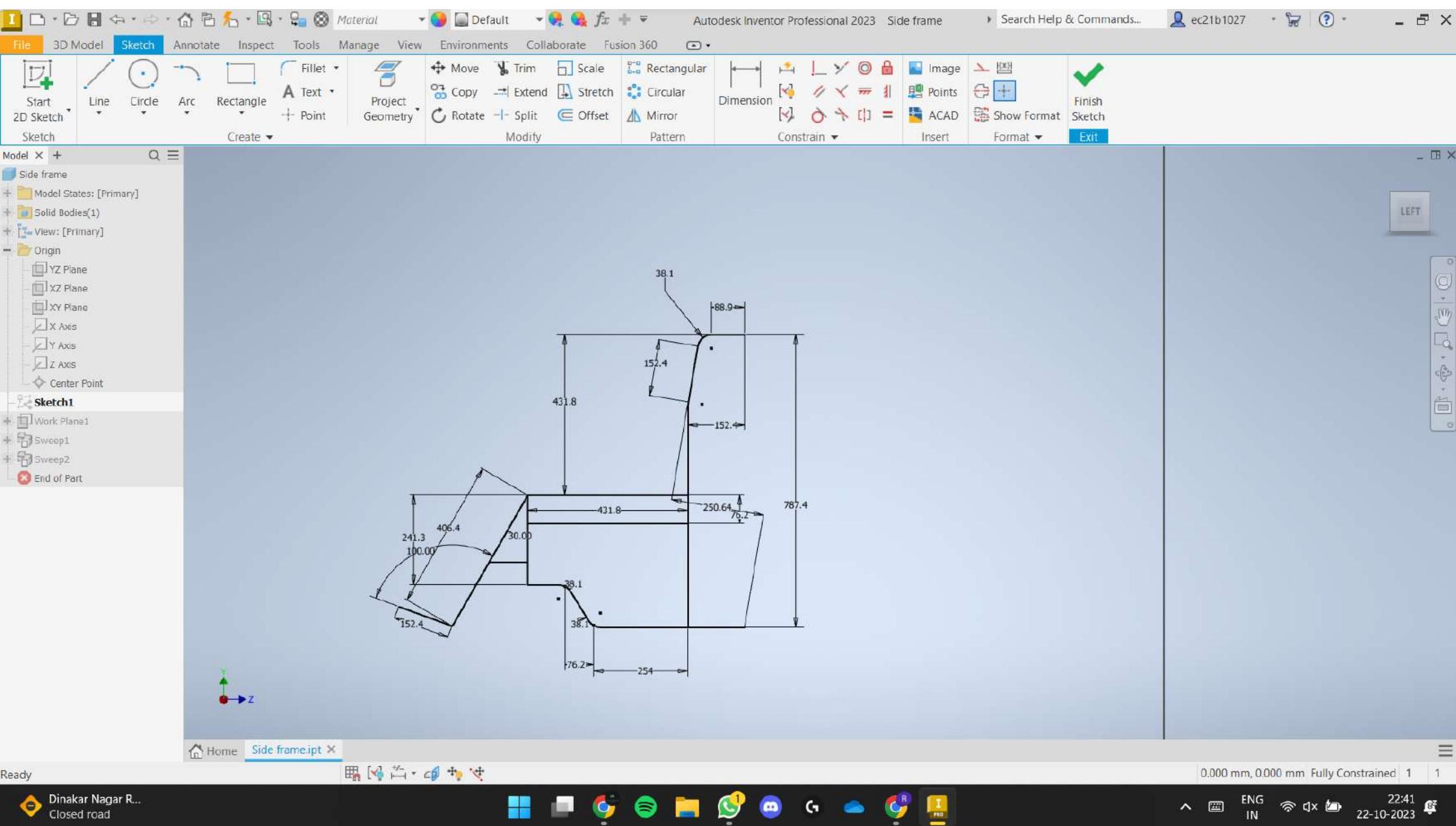
1 1

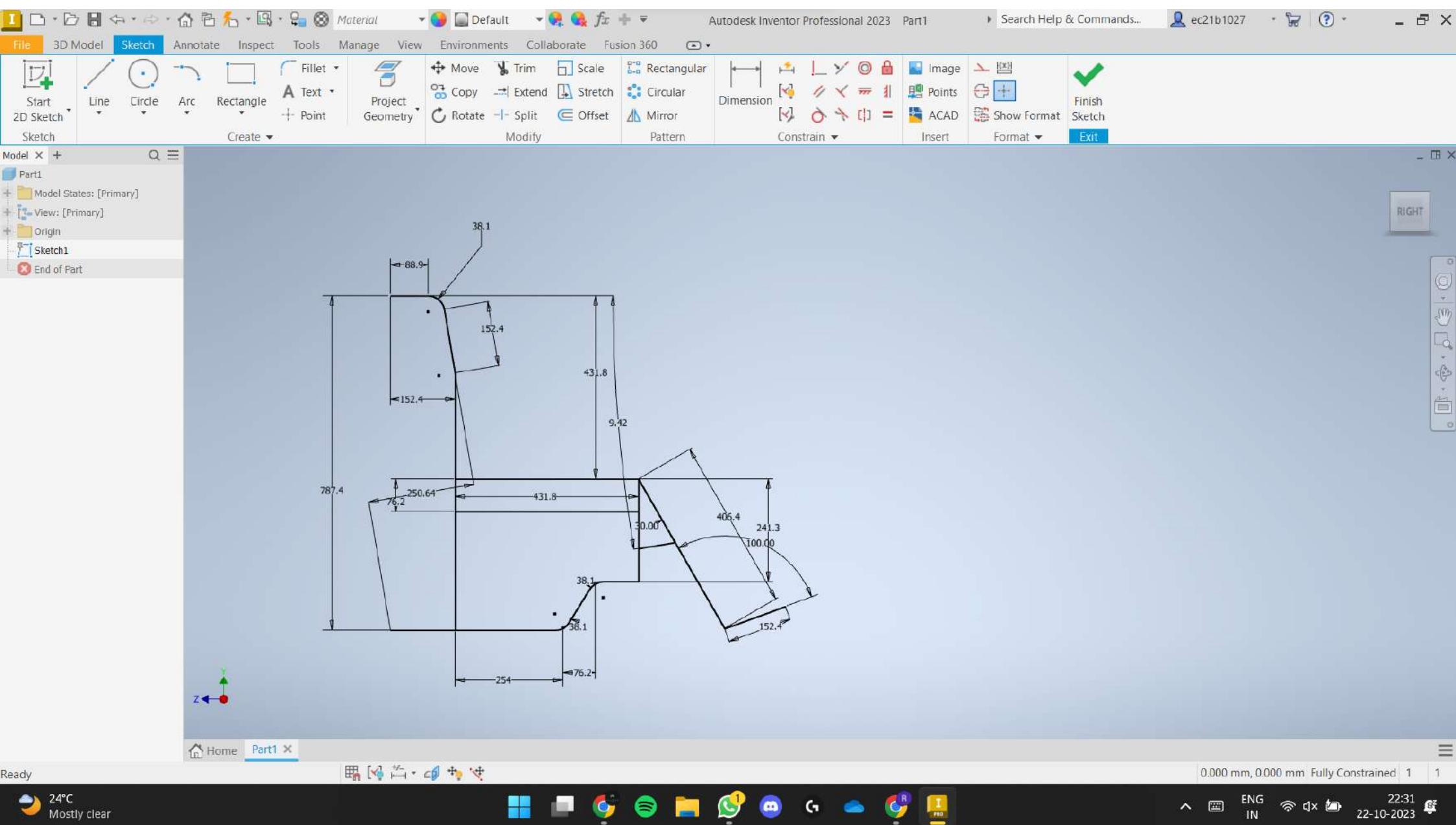
19:37 ENG IN 16-11-2023

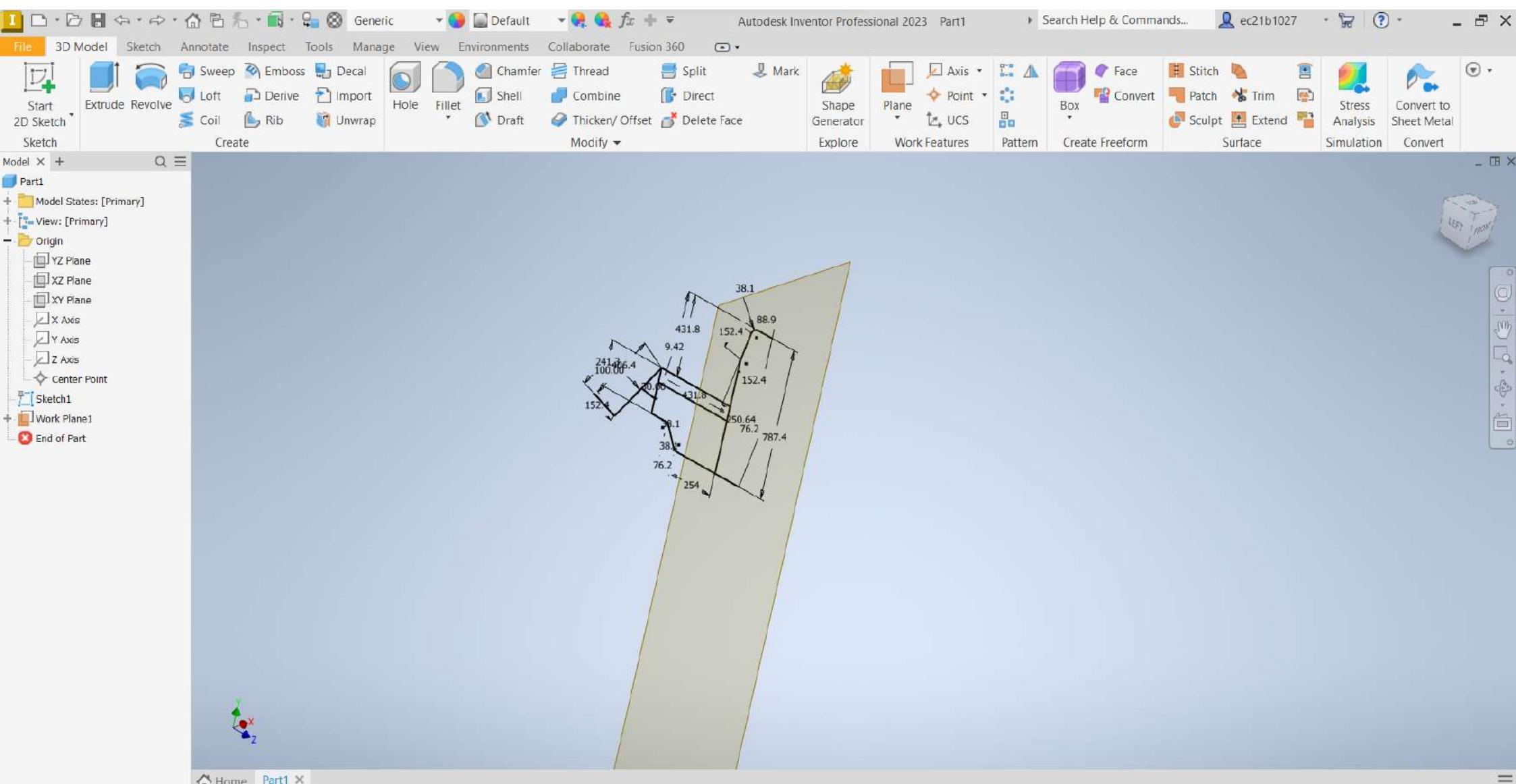


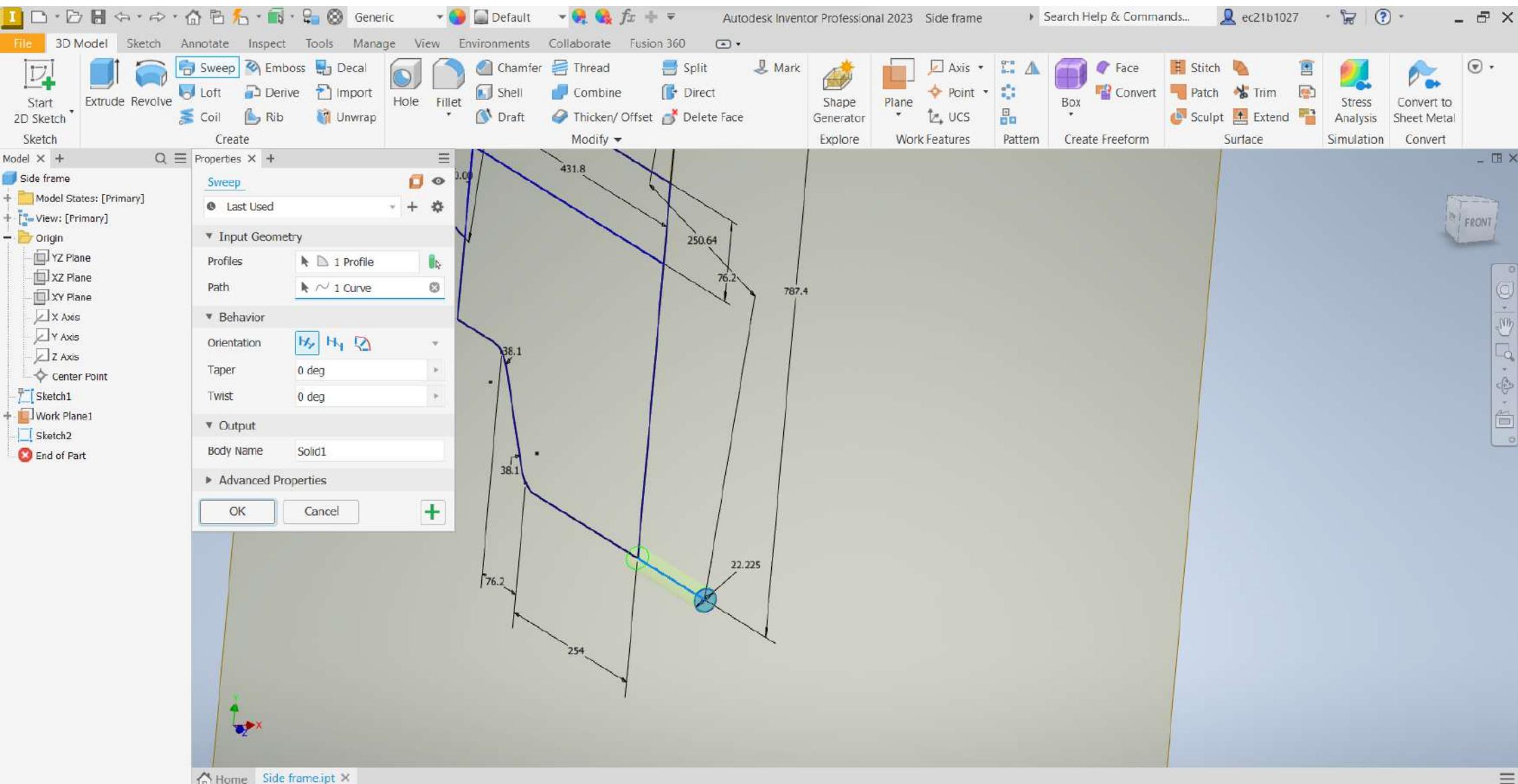


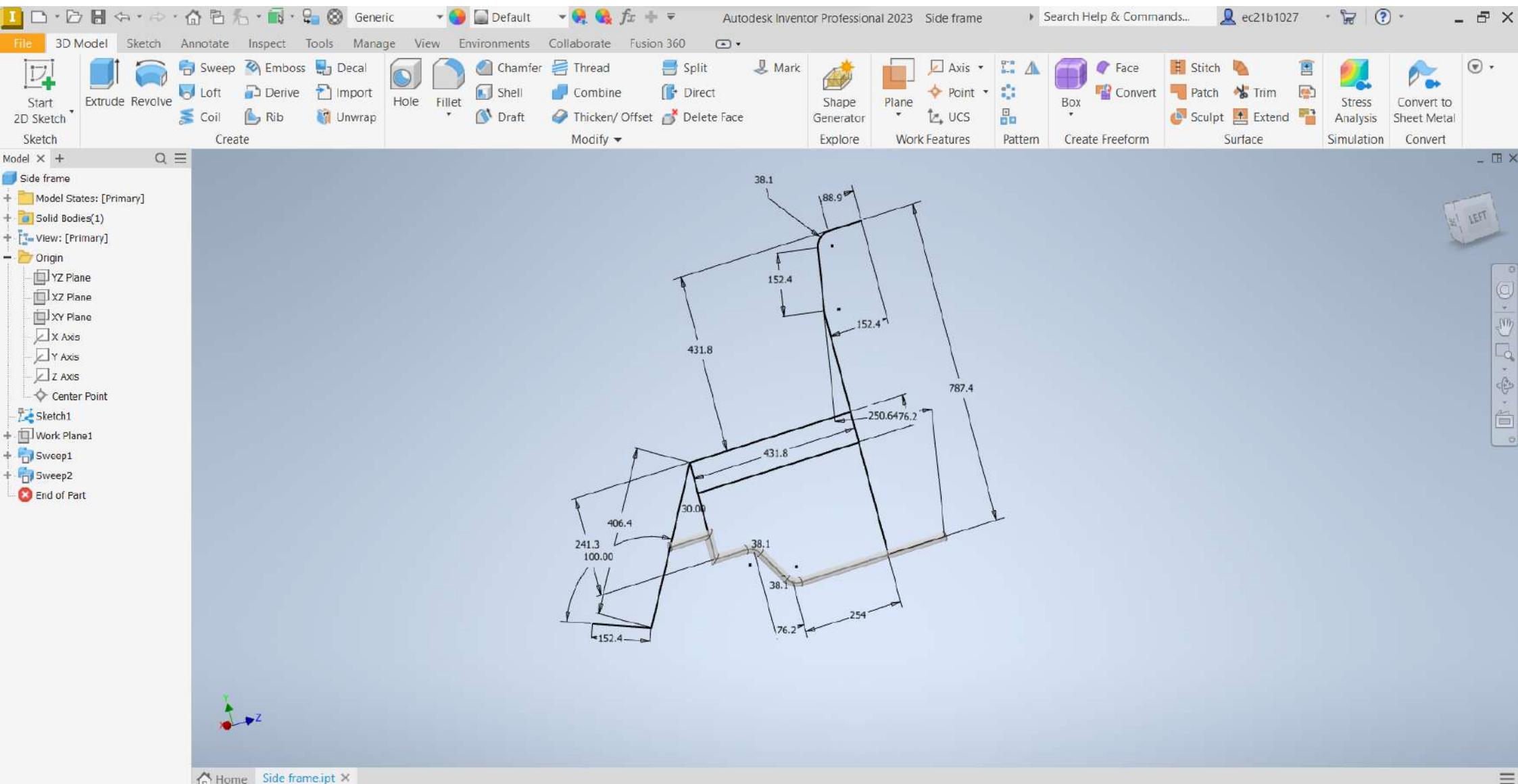


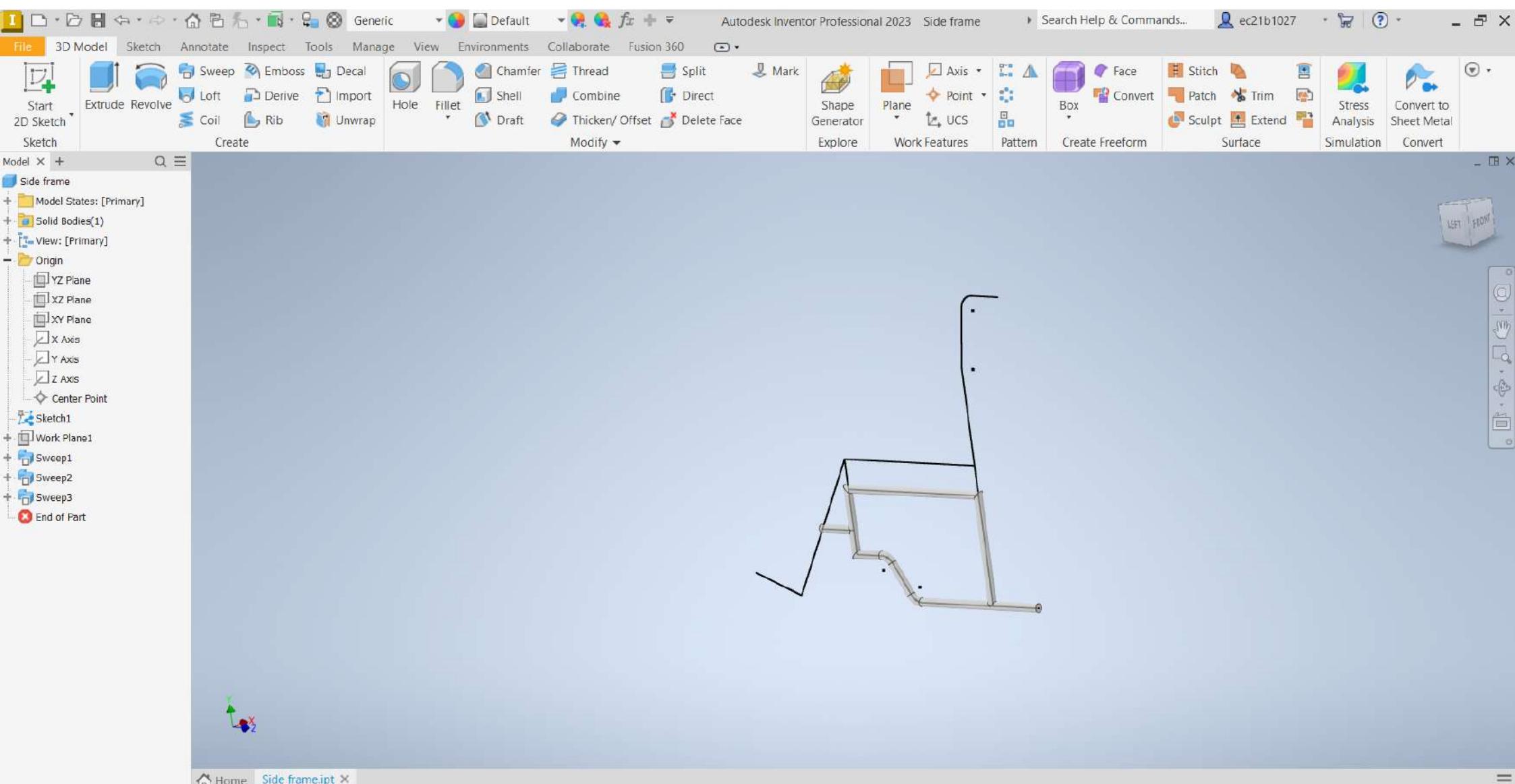


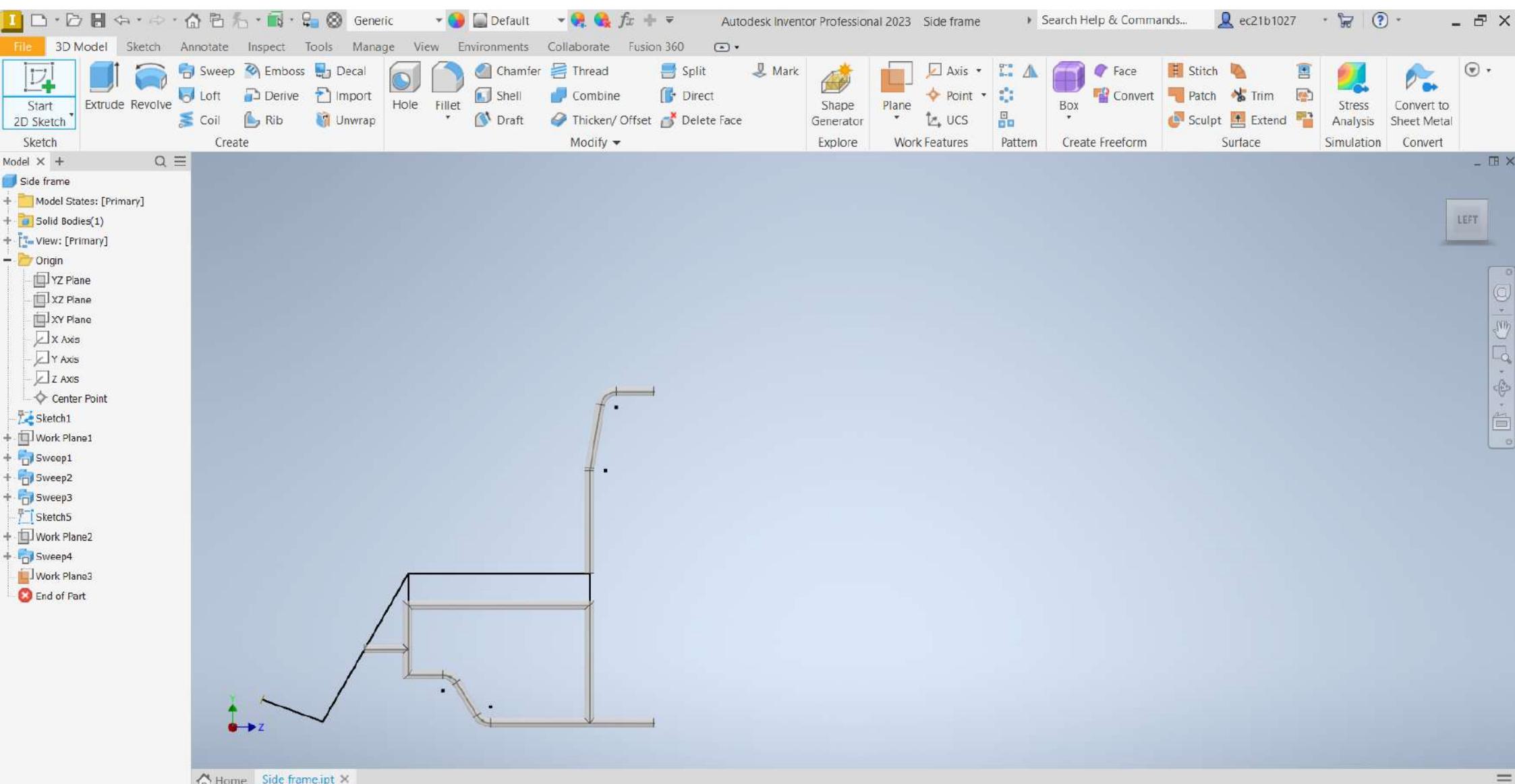








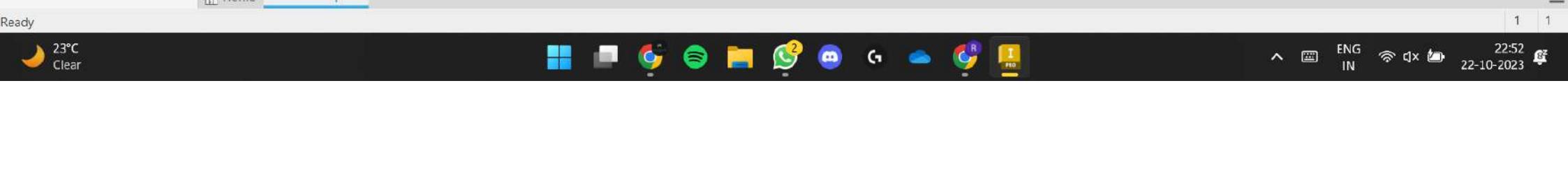
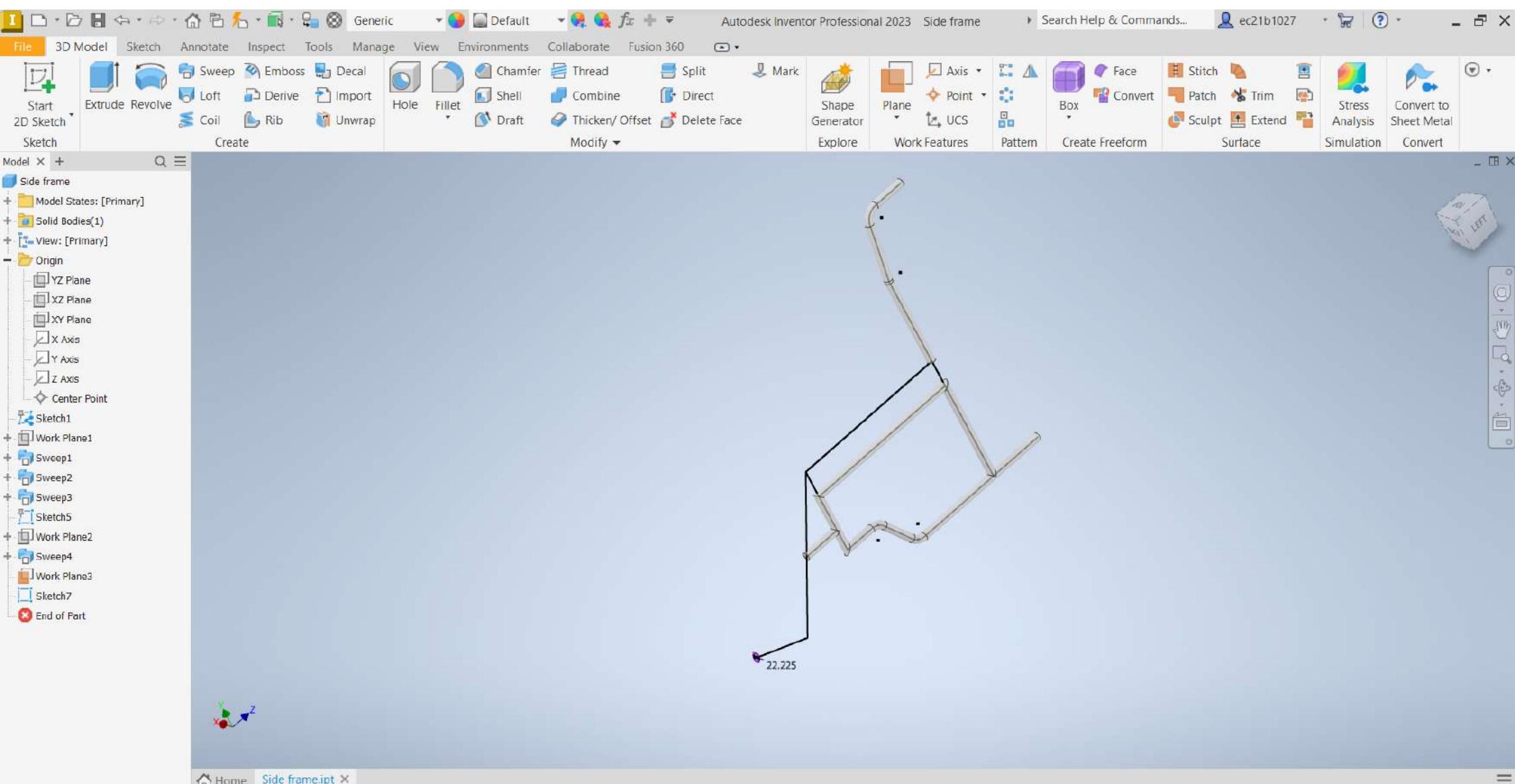




Select plane to create sketch or an existing sketch to edit



23°C Clear ENG IN 22-10-2023



Autodesk Inventor Professional 2023 Side frame

File 3D Model Sketch Annotate Tools Manage View Environments Collaborate Fusion 360

Start 2D Sketch Sketch Extrude Revolve Loft Derive Import Create Hole Fillet Shell Draft Thread Split Direct Shape Generator Plane Axis Point UCS Pattern Work Features Box Face Convert Stitch Patch Trim Sculpt Extend Surface Create Freeform Stress Analysis Simulation Convert

Model + Side frame

+ Model States: [Primary]
+ Solid Bodies(1)
+ View: [Primary]
- Origin
 YZ Plane
 XZ Plane
 XY Plane
 X Axis
 Y Axis
 Z Axis
 Center Point
Sketch1
+ Work Plane1
+ Sweep1
+ Sweep2
+ Sweep3
+ Sketch5
+ Work Plane2
+ Sweep4
+ Work Plane3
+ Sweep5
End of Part

LEFT

Home Side frame.upt

Ready

23°C Clear ENG IN 22-10-2023

Autodesk Inventor Professional 2023 Side frame

File 3D Model Sketch Annotate Tools Manage View Environments Collaborate Fusion 360

Start 2D Sketch Sketch Extrude Revolve Loft Derive Import Create Hole Fillet Shell Draft Thread Split Direct Shape Generator Plane Axis Point UCS Pattern Work Features Box Face Stitch Patch Trim Sculpt Extend Surface Create Freeform Convert Stress Analysis Simulation Convert

Model + Side frame

+ Model States: [Primary]
+ Solid Bodies(1)
+ View: [Primary]
- Origin
 YZ Plane
 XZ Plane
 XY Plane
 X Axis
 Y Axis
 Z Axis
 Center Point
Sketch1
+ Work Plane1
+ Sweep1
+ Sweep2
+ Sweep3
+ Sketch5
+ Work Plane2
+ Sweep4
+ Work Plane3
+ Sweep5
+ Work Plane4
+ Sweep6
+ Sweep7
+ Work Plane5
+ Sweep8
End of Part

Side frame.ipt

Ready

23°C Clear 23:01 22-10-2023 ENG IN

The image shows the Autodesk Inventor Professional 2023 software interface. The main window displays a 3D model of a mechanical part labeled "Side frame". The model is composed of several solid bodies, including a base frame with a rib and a vertical support. The software's ribbon menu is visible at the top, featuring tabs for File, 3D Model, Sketch, Annotate, Tools, Manage, View, Environments, Collaborate, and Fusion 360. Below the ribbon is a toolbar with icons for common operations like Start, 2D Sketch, Sketch, Extrude, Revolve, Loft, Derive, Import, Create, Hole, Fillet, Shell, Draft, Thread, Split, Direct, Shape Generator, Plane, Axis, Point, UCS, Pattern, Work Features, Box, Face, Stitch, Patch, Trim, Sculpt, Extend, Surface, Create Freeform, Convert, Stress Analysis, Simulation, and Convert. On the left side, the Feature Manager Design Tree shows the hierarchical structure of the model, listing items such as Model States: [Primary], Solid Bodies(1), View: [Primary], Origin, YZ Plane, XZ Plane, XY Plane, X Axis, Y Axis, Z Axis, Center Point, Sketch1, Work Plane1, Sweep1, Sweep2, Sweep3, Sketch5, Work Plane2, Sweep4, Work Plane3, Sweep5, Work Plane4, Sweep6, Sweep7, Work Plane5, Sweep8, and End of Part. The bottom of the screen shows the Windows taskbar with icons for various applications like File Explorer, Google Chrome, Spotify, and Microsoft Word.

Autodesk Inventor Professional 2023 Side frame

File 3D Model Sketch Annotate Tools Manage View Environments Collaborate Fusion 360

Generic Default fx

Search Help & Commands... ec21b1027

Start 2D Sketch Sketch Create Modify Explore Work Features Pattern Create Freeform Surface Convert

Extrude Revolve Loft Derive Import Hole Fillet Shell Combine Direct Thicken/ Offset Delete Face Shape Generator Plane Axis UCS

Coil Rib Unwrap Draft

Stitch Patch Trim Sculpt Extend Stress Analysis Simulation Convert to Sheet Metal Convert

Model Side frame

+ Model States: [Primary]

+ Solid Bodies(1)

+ View: [Primary]

- Origin

- YZ Plane
- XZ Plane
- XY Plane
- X Axis
- Y Axis
- Z Axis
- Center Point

Sketch1

+ Work Plane1

+ Sweep1

+ Sweep2

+ Sweep3

+ Sketch5

+ Work Plane2

+ Sweep4

+ Work Plane3

+ Sweep5

+ Work Plane4

+ Sweep6

+ Sweep7

+ Work Plane5

+ Sweep8

+ Extrusion1

+ Work Plane6

End of Part

Side frame.ipt

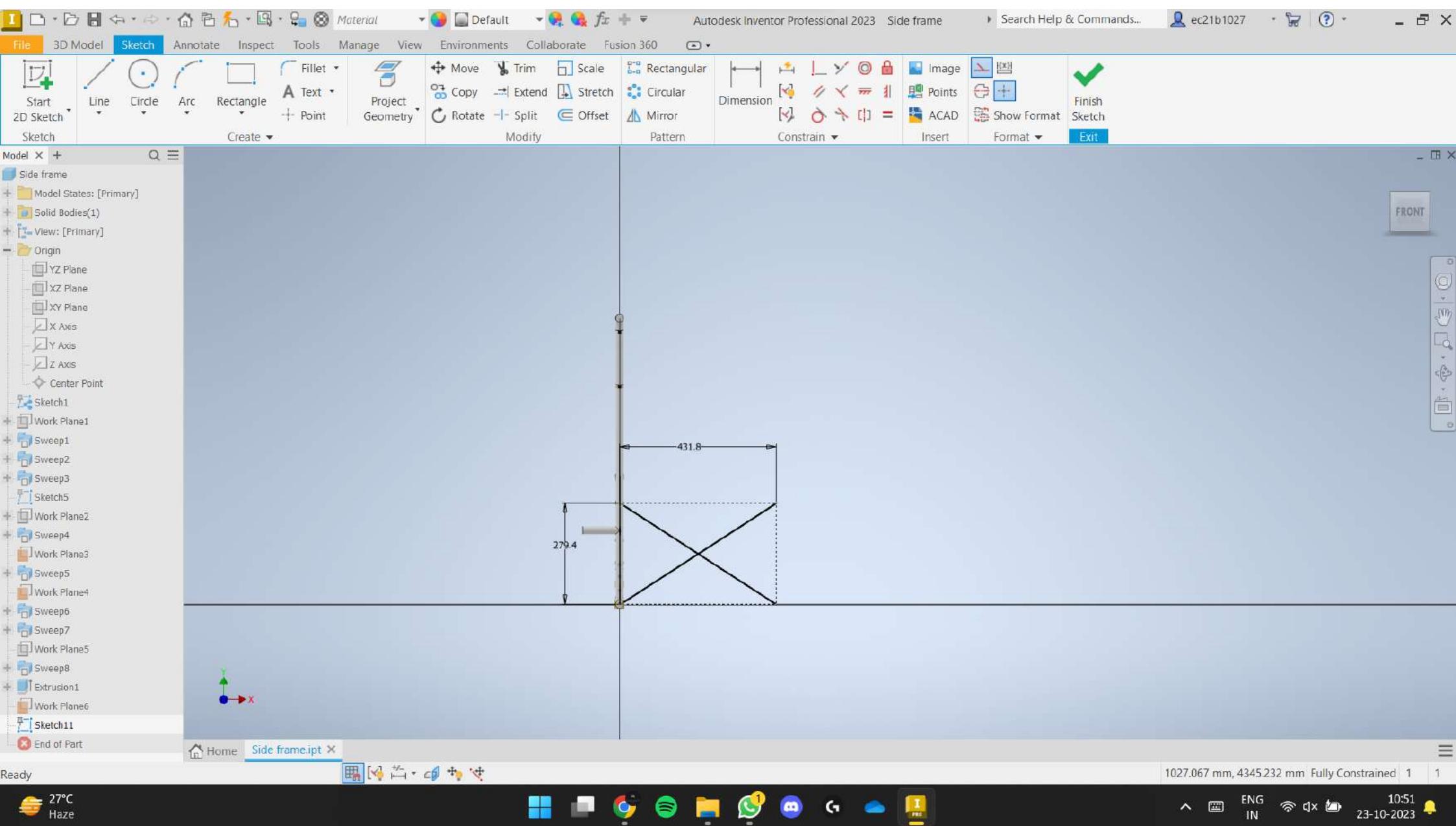
Ready

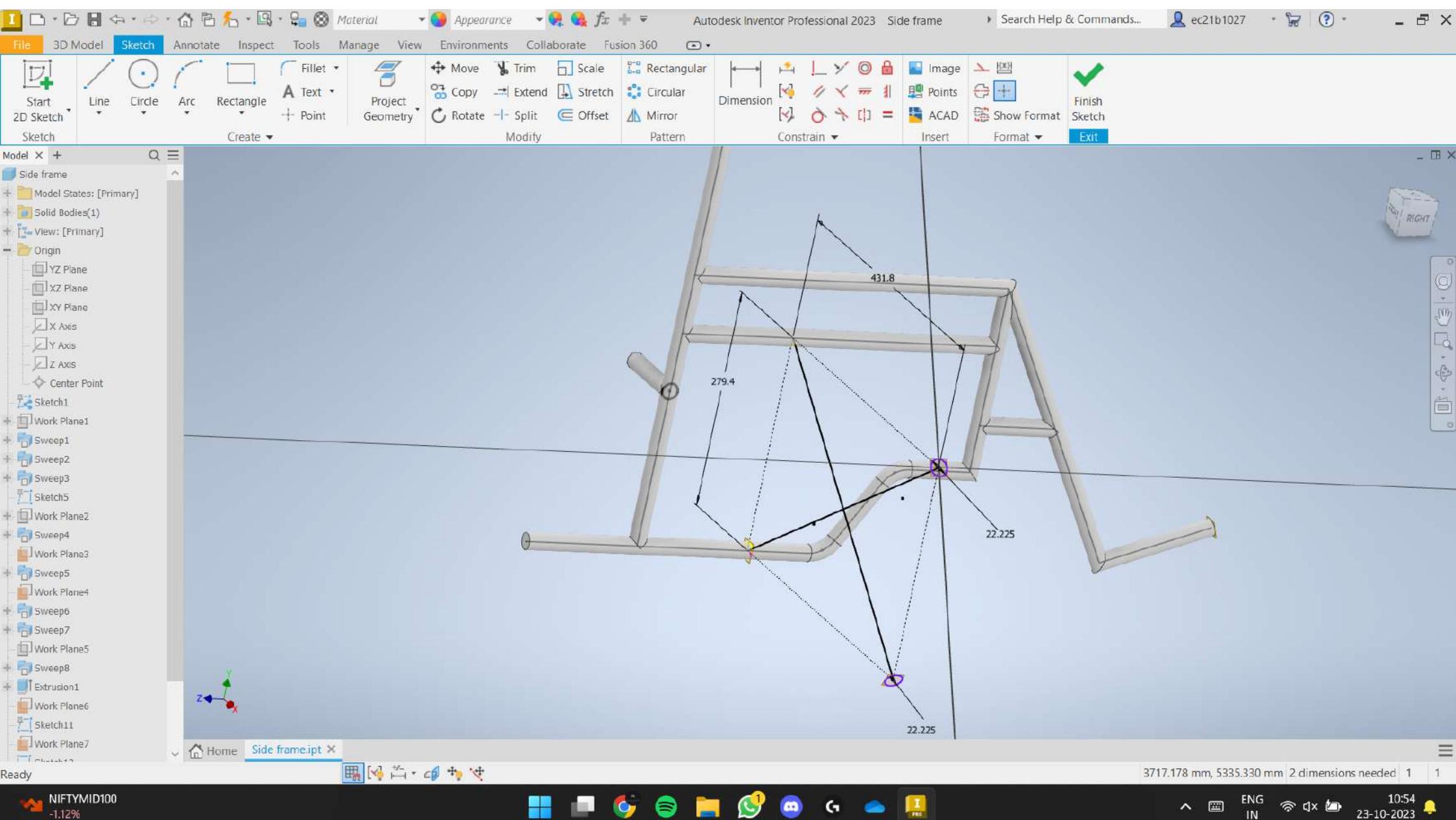
27°C Haze

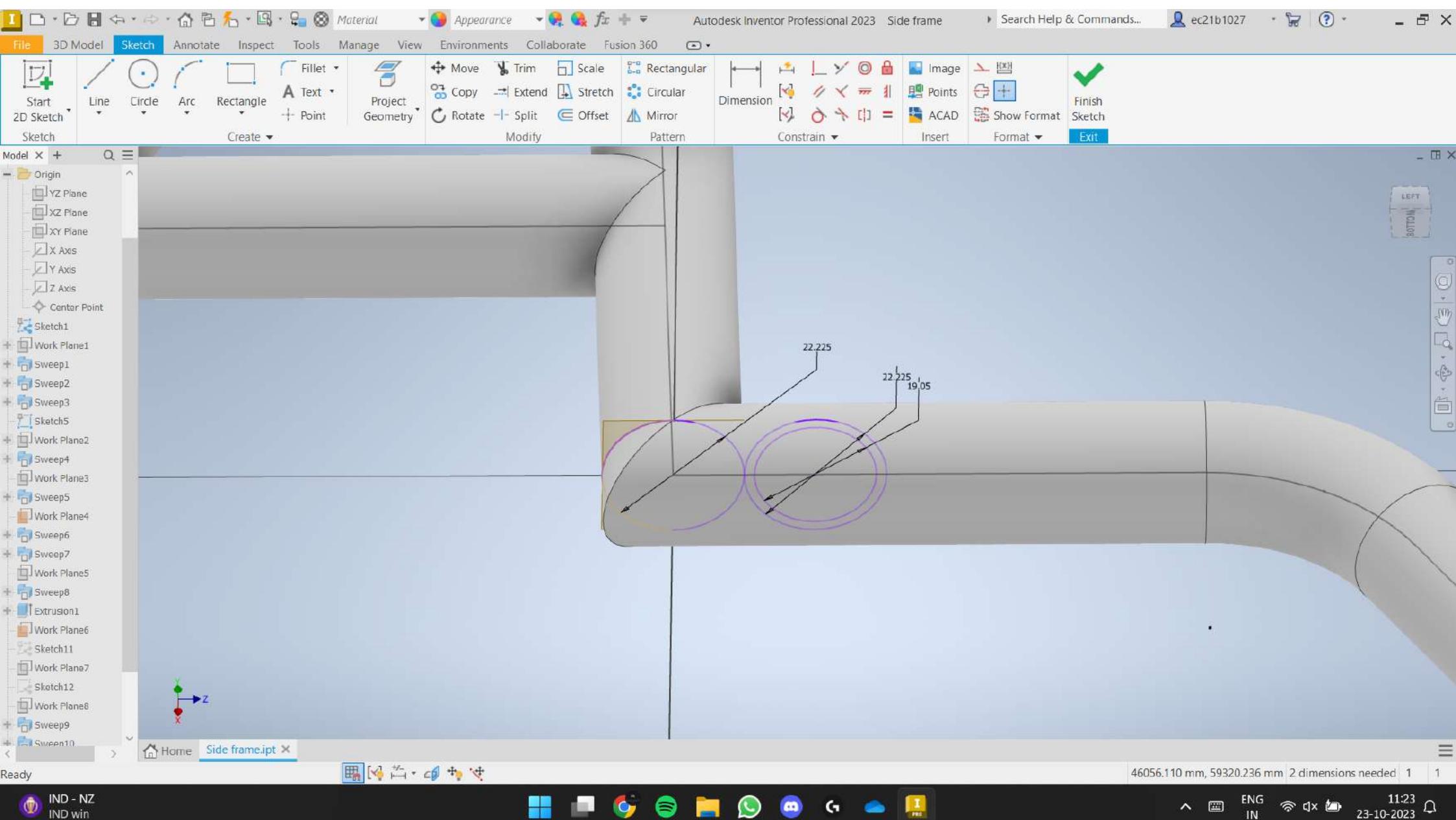
10:40 ENG IN

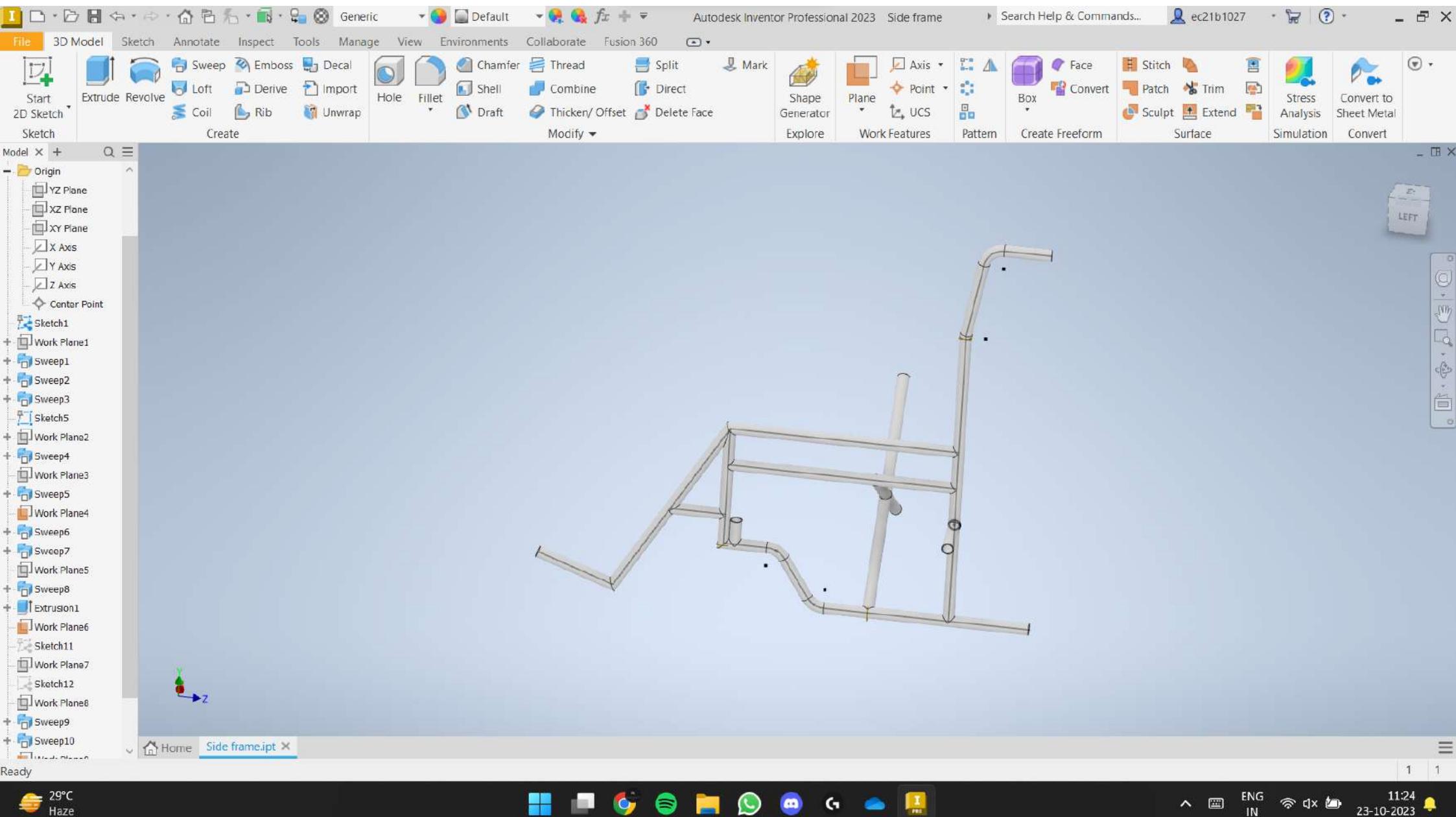
23-10-2023

The image shows a 3D model of a side frame assembly in Autodesk Inventor. The model is a complex structure with a vertical central column and multiple horizontal and diagonal beams extending from it, creating a ladder-like or frame-like appearance. The model is displayed on a light blue background, likely a workplane. The Inventor interface is visible, showing the ribbon menu with tabs like File, 3D Model, Sketch, Annotate, Tools, Manage, View, Environments, Collaborate, and Fusion 360. Below the ribbon is a toolbar with icons for various tools such as Start, 2D Sketch, Sketch, Create, Modify, Explore, Work Features, Pattern, Create Freeform, Surface, and Convert. On the left side, there is a model browser tree showing the hierarchical structure of the part, including Solid Bodies, Views, Origin, Sketches, Work Planes, Sweeps, and other features. The bottom of the screen shows the Windows taskbar with icons for various applications like File Explorer, Google Chrome, Spotify, and Microsoft Word. The status bar at the bottom right shows the date and time (23-10-2023, 10:40), language (ENG IN), and battery status.









Autodesk Inventor Professional 2023 Side frame

File 3D Model Sketch Annotate Tools Manage View Environments Collaborate Fusion 360

Generic Default fx

Search Help & Commands... ec21b1027

Start 2D Sketch Sketch Create

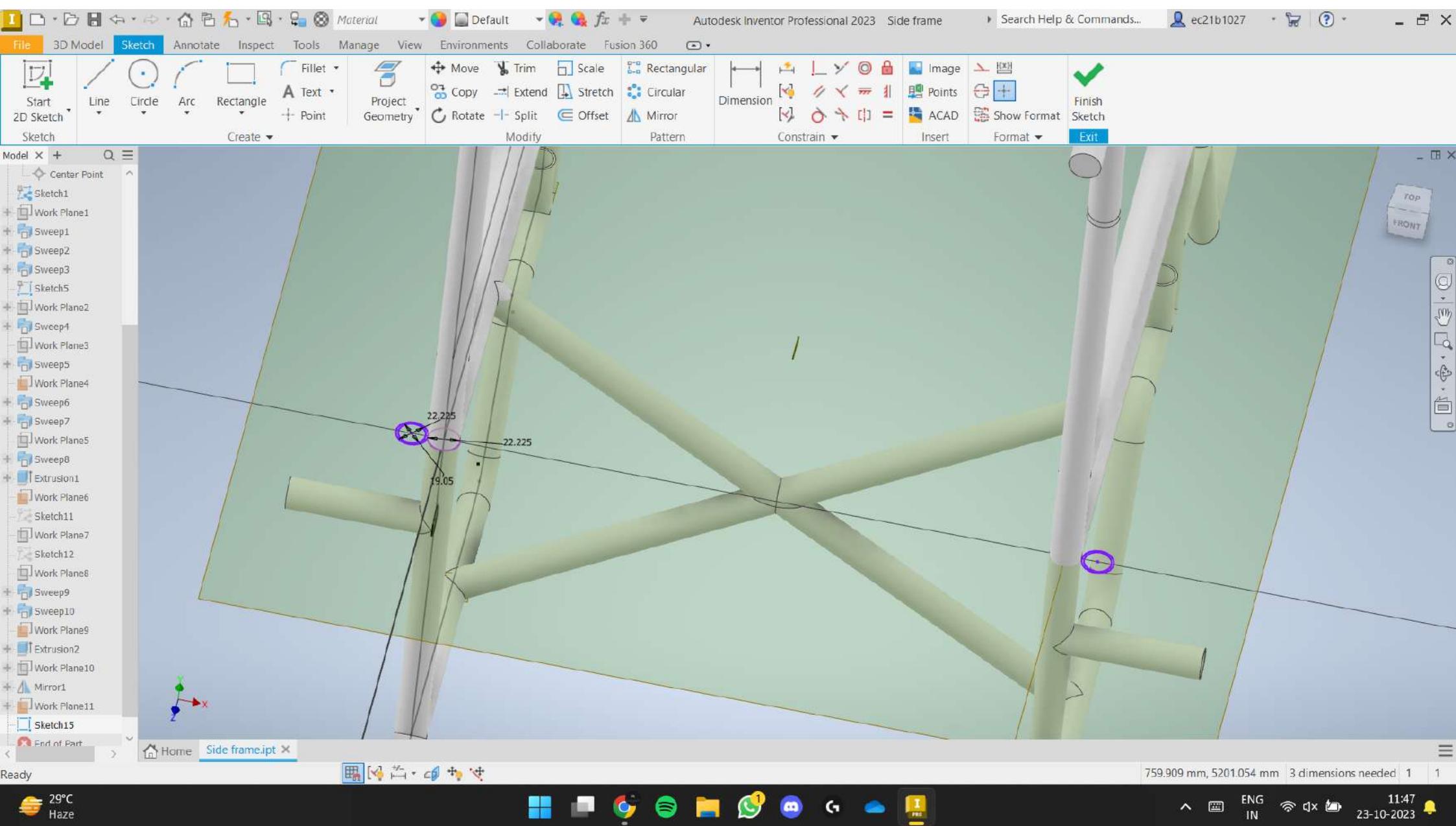
Extrude Revolve Loft Derive Import Hole Fillet Shell Combine Direct Shape Generator Plane Axis Point UCS Pattern Create Freeform Box Convert Patch Trim Sculpt Extend Surface Stress Analysis Simulation Convert

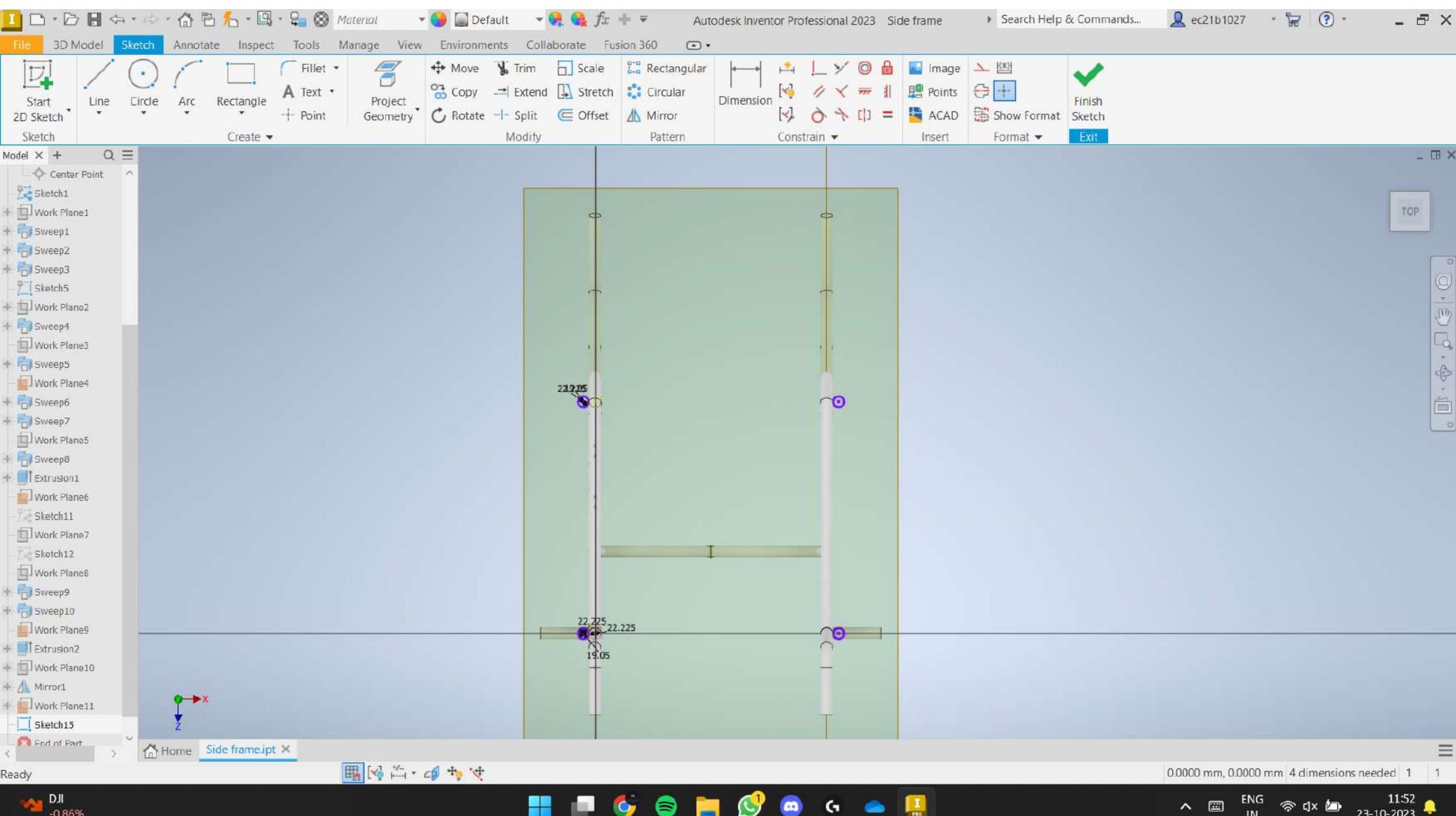
Model Origin YZ Plane XZ Plane XY Plane X Axis Y Axis Z Axis Center Point Sketch1 Work Plane1 Sweep1 Sweep2 Sweep3 Sketch5 Work Plane2 Sweep4 Work Plane3 Sweep5 Work Plane4 Sweep6 Work Plane5 Sweep7 Work Plane6 Sweep8 Extrusion1 Work Plane7 Sketch11 Work Plane8 Sketch12 Work Plane9 Sweep9 Work Plane10 Sweep10

Side frame.ipt

Ready 29°C High winds soon ENG IN 11:27 23-10-2023

The image shows the Autodesk Inventor Professional 2023 software interface. The main window displays a 3D model of a mechanical part, specifically a 'Side frame'. The model is composed of a large green plane and several grey structural elements. On the left, the 'Model' browser shows the hierarchical structure of the part, listing features like 'Origin', 'Sketch1', 'Work Plane1', 'Sweep1', 'Sweep2', 'Sweep3', 'Sketch5', 'Work Plane2', 'Sweep4', 'Work Plane3', 'Sweep5', 'Work Plane4', 'Sweep6', 'Work Plane5', 'Sweep7', 'Work Plane6', 'Sweep8', 'Extrusion1', 'Work Plane7', 'Sketch11', 'Work Plane8', 'Sketch12', 'Work Plane9', 'Sweep9', 'Work Plane10', and 'Sweep10'. The top menu bar includes 'File', '3D Model', 'Sketch', 'Annotate', 'Tools', 'Manage', 'View', 'Environments', 'Collaborate', and 'Fusion 360'. A toolbar below the menu contains icons for 'Start', '2D Sketch', 'Extrude', 'Revolve', 'Loft', 'Derive', 'Import', 'Hole', 'Fillet', 'Shell', 'Combine', 'Direct', 'Shape Generator', 'Plane', 'Axis', 'Point', 'UCS', 'Pattern', 'Create Freeform', 'Box', 'Convert', 'Patch', 'Trim', 'Sculpt', 'Extend', 'Surface', 'Stress Analysis', 'Simulation', and 'Convert'. The bottom status bar shows the temperature (29°C), weather (High winds soon), language (ENG IN), time (11:27), date (23-10-2023), and battery level.





Autodesk Inventor Professional 2023 Side frame

File 3D Model Sketch Annotate Tools Manage View Environments Collaborate Fusion 360 Autodesk Inventor Professional 2023 Side frame Search Help & Commands... ec21b1027

Start 2D Sketch Sketch Create

Extrude Revolve Loft Derive Import Hole Fillet Shell Draft Thread Split Direct Thicken/ Offset Delete Face Shape Generator Plane Axis Point UCS Pattern Work Features Box Face Stitch Patch Trim Sculpt Extend Surface Create Freeform Convert Stress Analysis Simulation Convert

Model + Sketch1 Work Plane1 Sweep1 Sweep2 Sweep3 Sketch5 Work Plane2 Sweep4 Work Plane3 Sweep5 Work Plane4 Sweep6 Sweep7 Work Plane5 Sweep8 Extrusion1 Work Plane6 Sketch11 Work Plane7 Sketch12 Work Plane8 Sweep9 Sweep10 Work Plane9 Extrusion2 Work Plane10 Mirror1 Work Plane11 Extrusion3 End of Part

RIGHT BACK

Home Side frame.ipt

Ready 29°C Sunny ENG IN 11:56 23-10-2023

Autodesk Inventor Professional 2023 Side frame

File 3D Model Sketch Annotate Tools Manage View Environments Collaborate Fusion 360

Aluminum 60i Aluminum fx + Autodesk Inventor Professional 2023 Side frame Search Help & Commands... ec21b1027

Start 2D Sketch Sketch Create Extrude Revolve Loft Derive Import Hole Fillet Shell Combine Direct Thicken/ Offset Delete Face Shape Generator Plane Axis Point UCS Pattern Create Freeform Box Face Stitch Patch Trim Sculpt Extend Surface Stress Analysis Simulation Convert

Model View: [Primary] Origin Sketch1 Work Plane1 Sweep1 Sweep2 Sweep3 Sketch5 Work Plane2 Sweep4 Work Plane3 Sweep5 Work Plane4 Sweep6 Work Plane5 Sweep7 Work Plane6 Sketch11 Work Plane7 Sketch12 Work Plane8 Sweep9 Work Plane9 Sweep10 Work Plane10 Extrusion2 Sketch14 Work Plane11 Mirror1 End of Part

LEFT

Home Side frame.ipt

For Help, press F1

21°C Mostly clear ENG IN 22:23 23-10-2023

Autodesk Inventor Professional 2023 Side frame

Search Help & Commands... ec21b1027

File 3D Model Sketch Annotate Tools Manage View Environments Collaborate Fusion 360

Start 2D Sketch Sketch Create Extrude Revolve Loft Derive Import Hole Fillet Shell Combine Direct Thicken/ Offset Delete Face Shape Generator Plane Axis Point UCS Pattern Create Freeform Box Face Stitch Patch Trim Sculpt Extend Surface Stress Analysis Simulation Convert

RIGHT

Model

Work Plane14
Extrusion6
Extrusion7
Sketch23
Work Plane15
Sketch24
Sweep11
Work Plane16
Sketch25
Sketch26
Sweep12
Extrusion8
Mirror2
Work Plane17
Extrusion9
Work Plane18
Extrusion10
Work Plane19
Extrusion11
Work Plane20
Sketch31
Work Plane21
Extrusion12
Extrusion13
Sketch33
Work Plane22
Sketch34
Work Plane23
Sweep13
Mirror4
End of Part

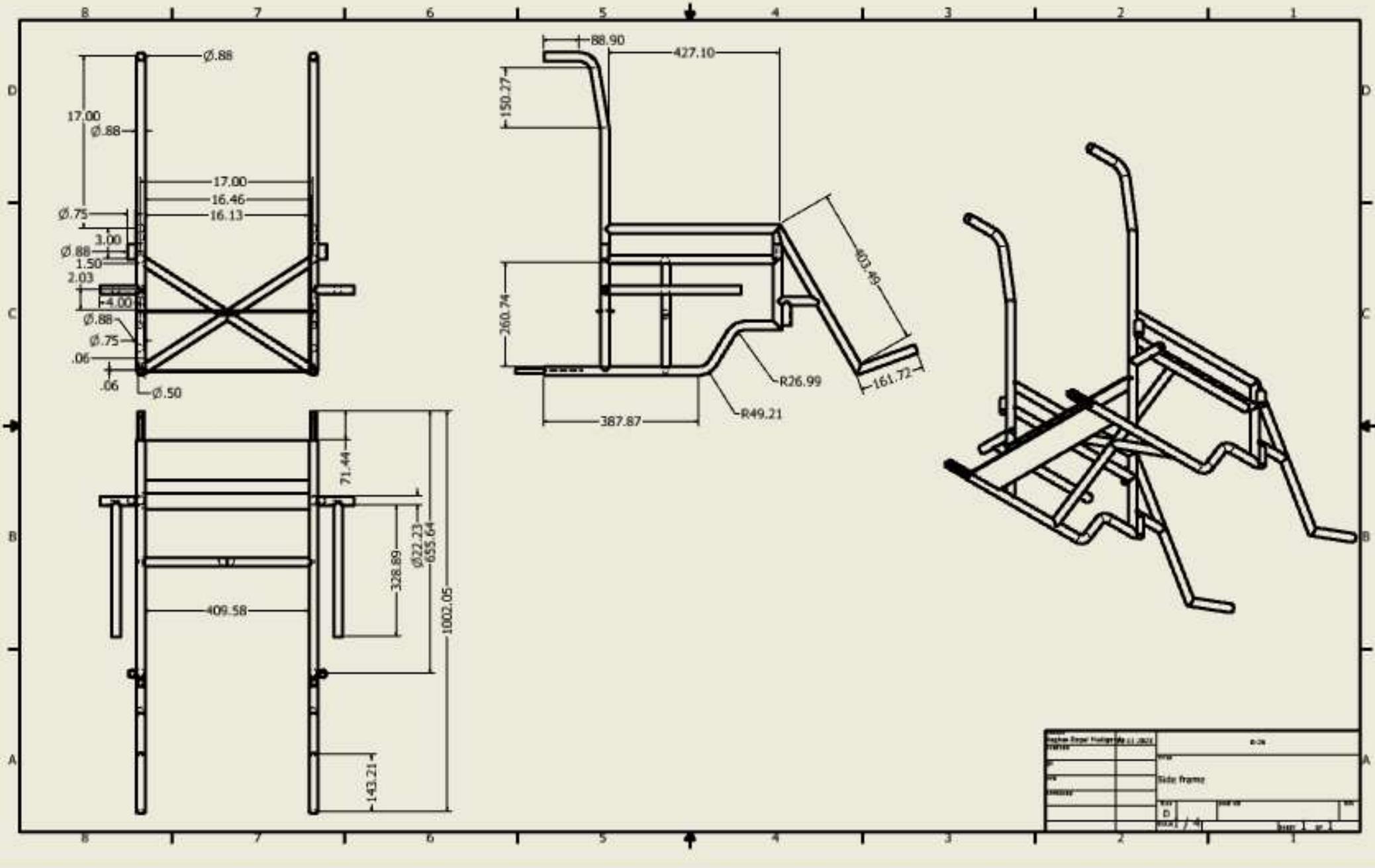
Home Final test assembly.iam Side frame.ipt

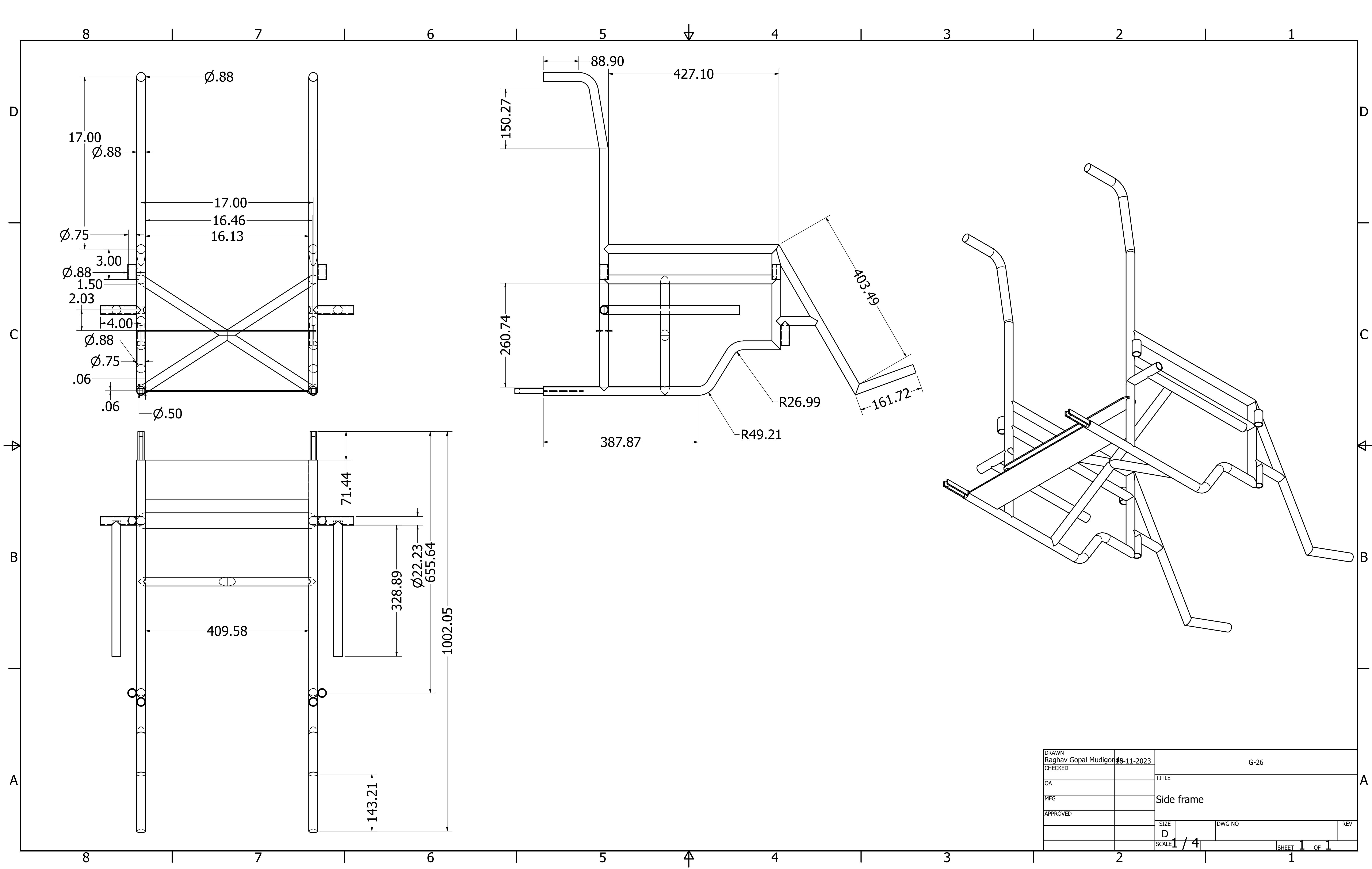
Ready

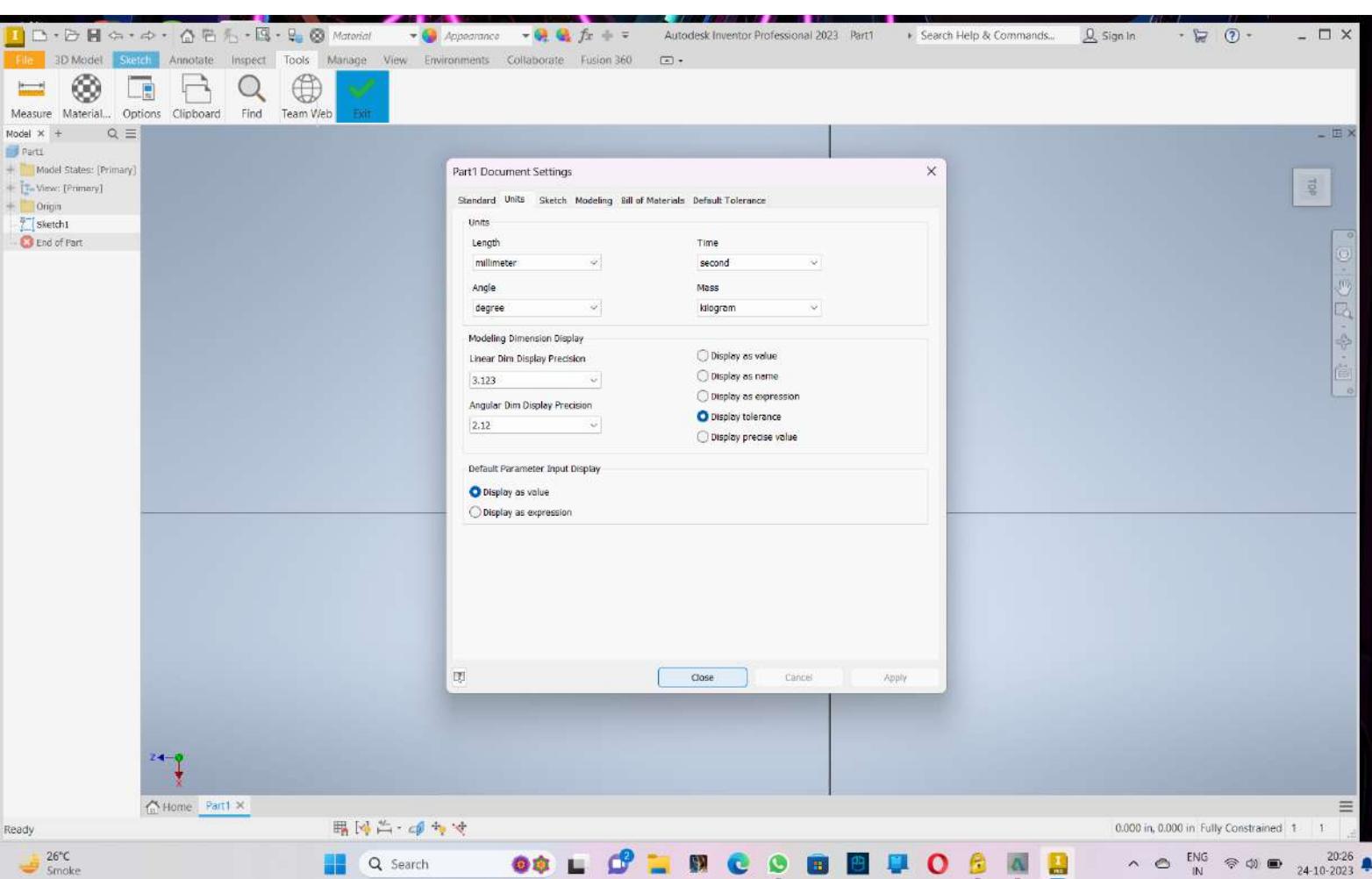
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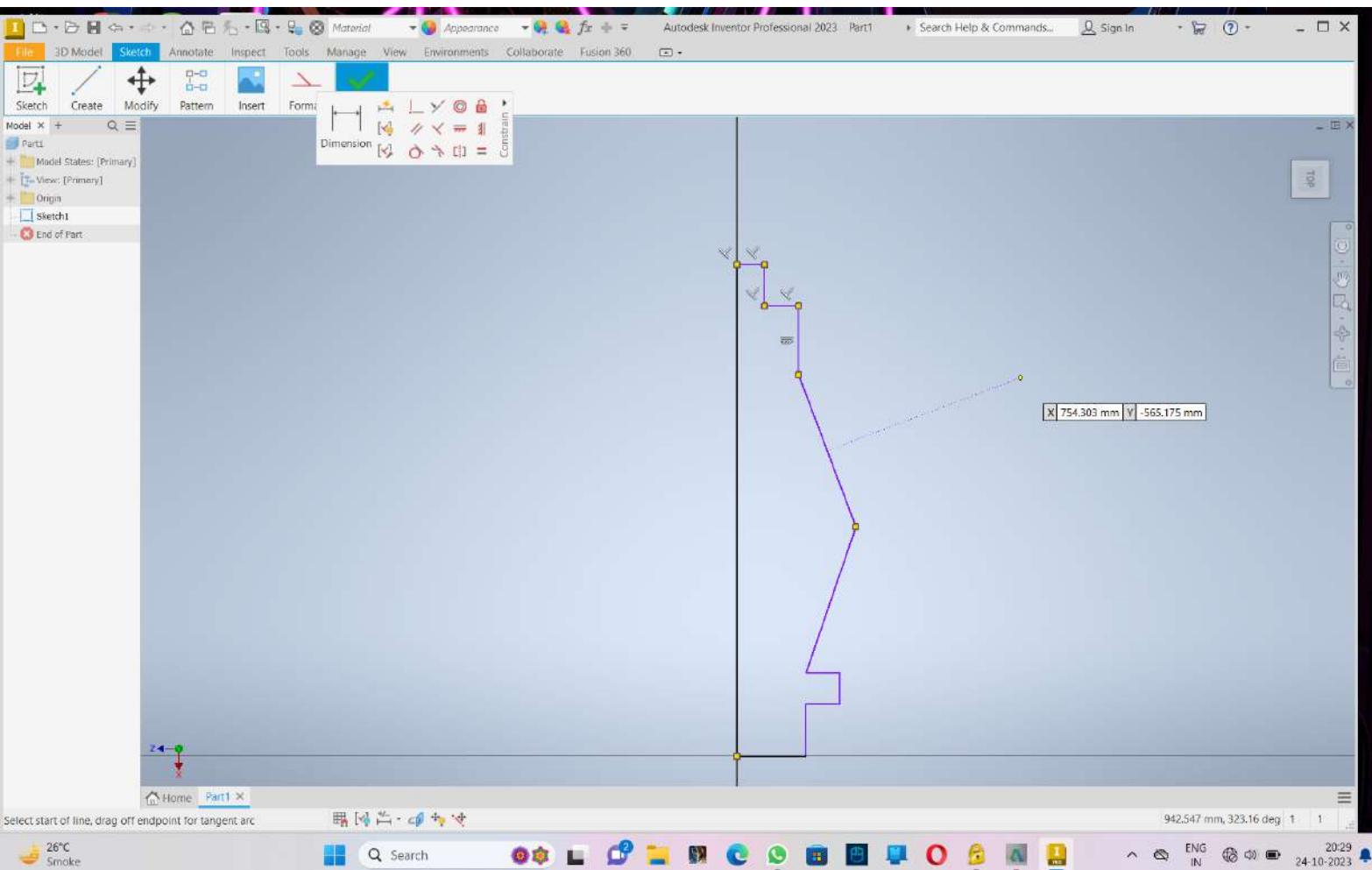
16:56 ENG IN 16-11-2023

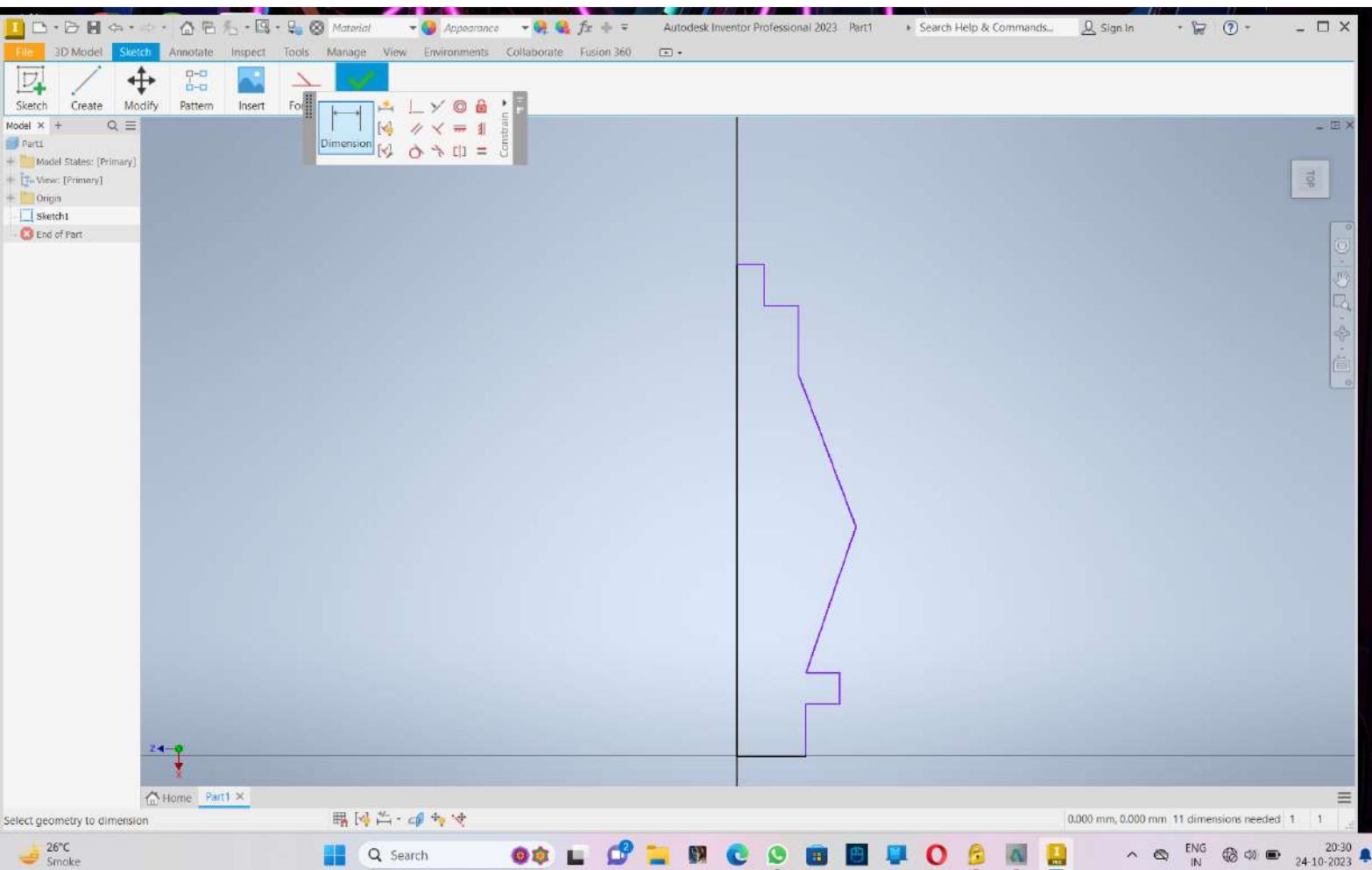


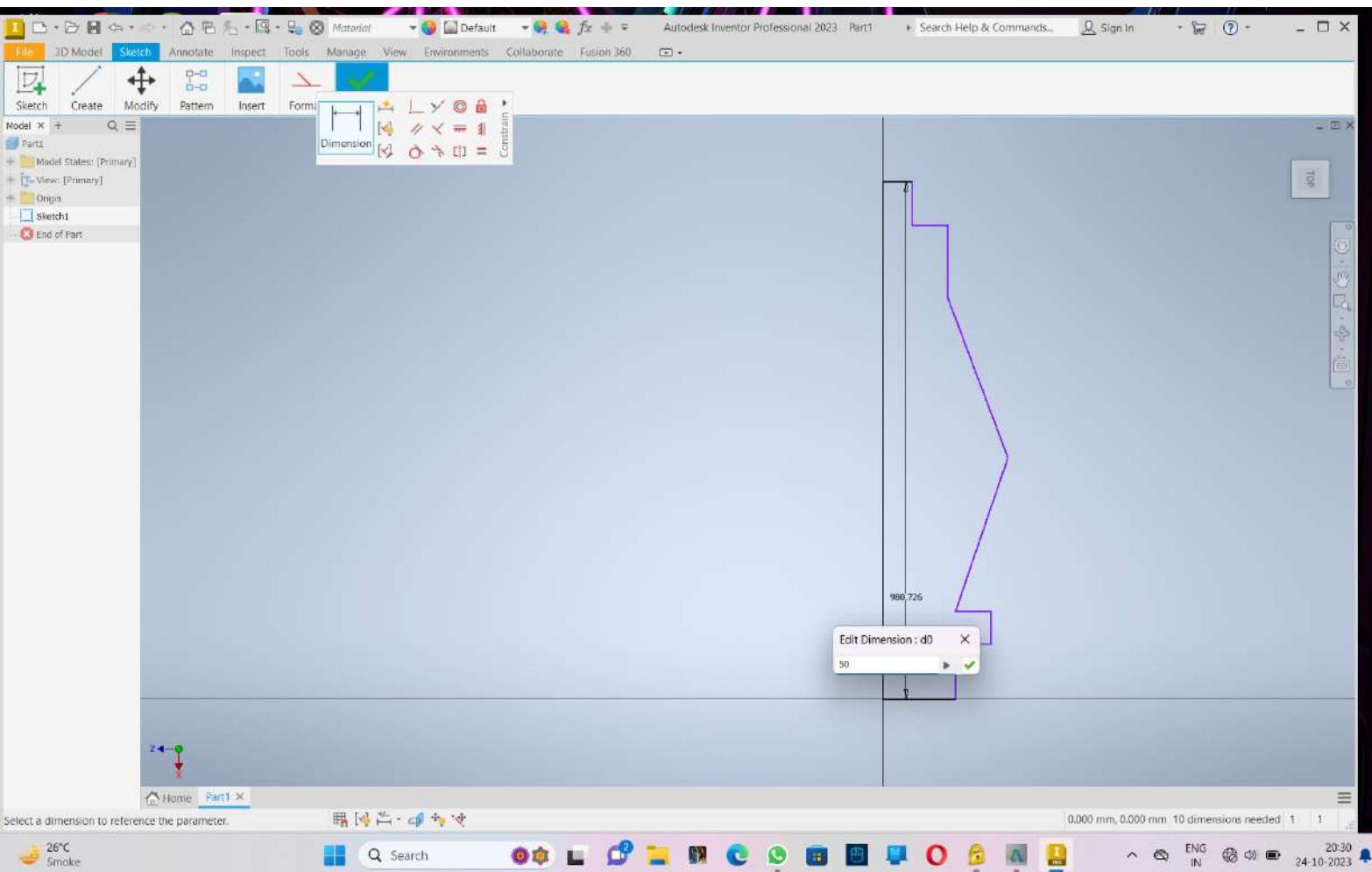


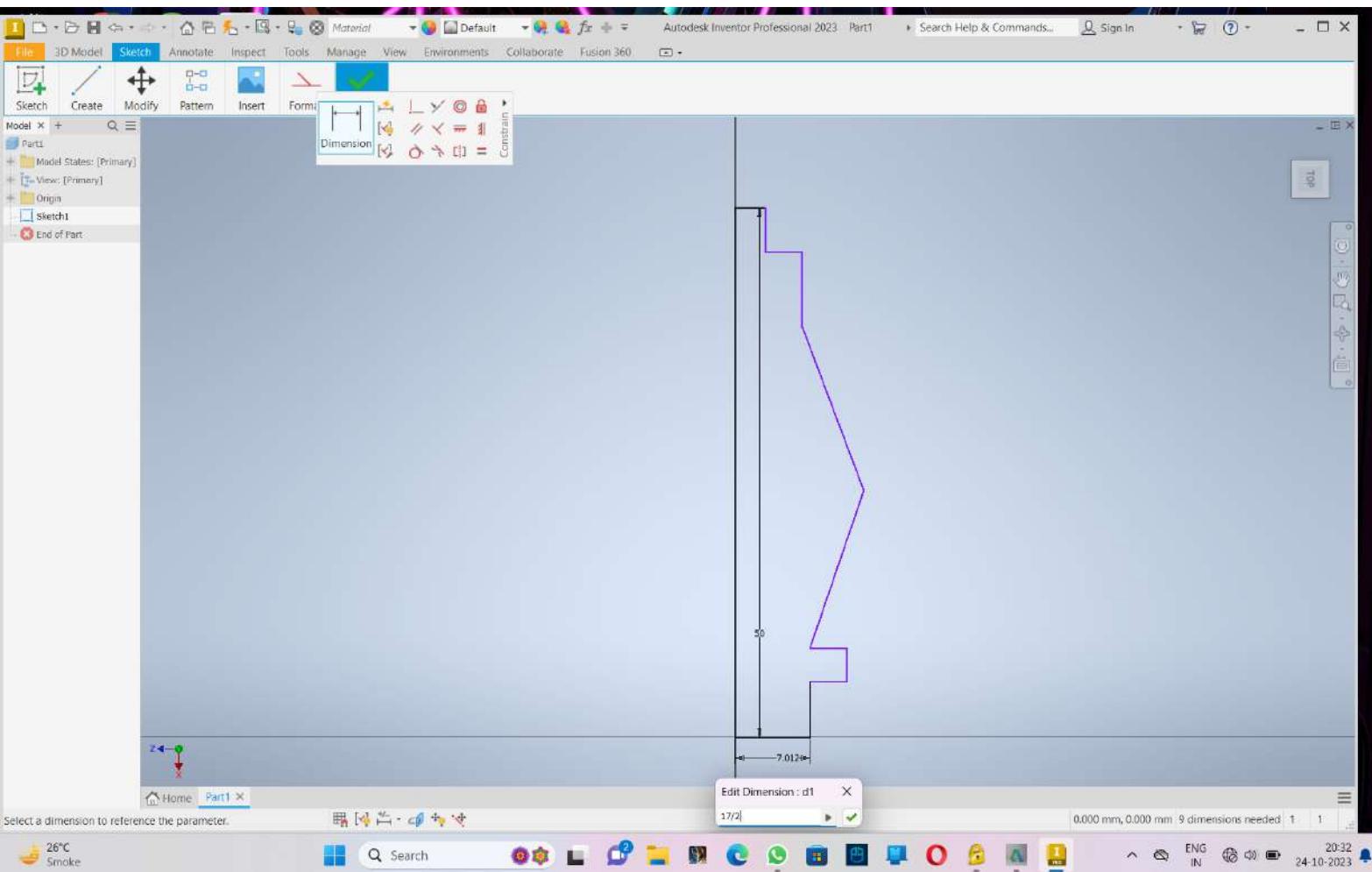






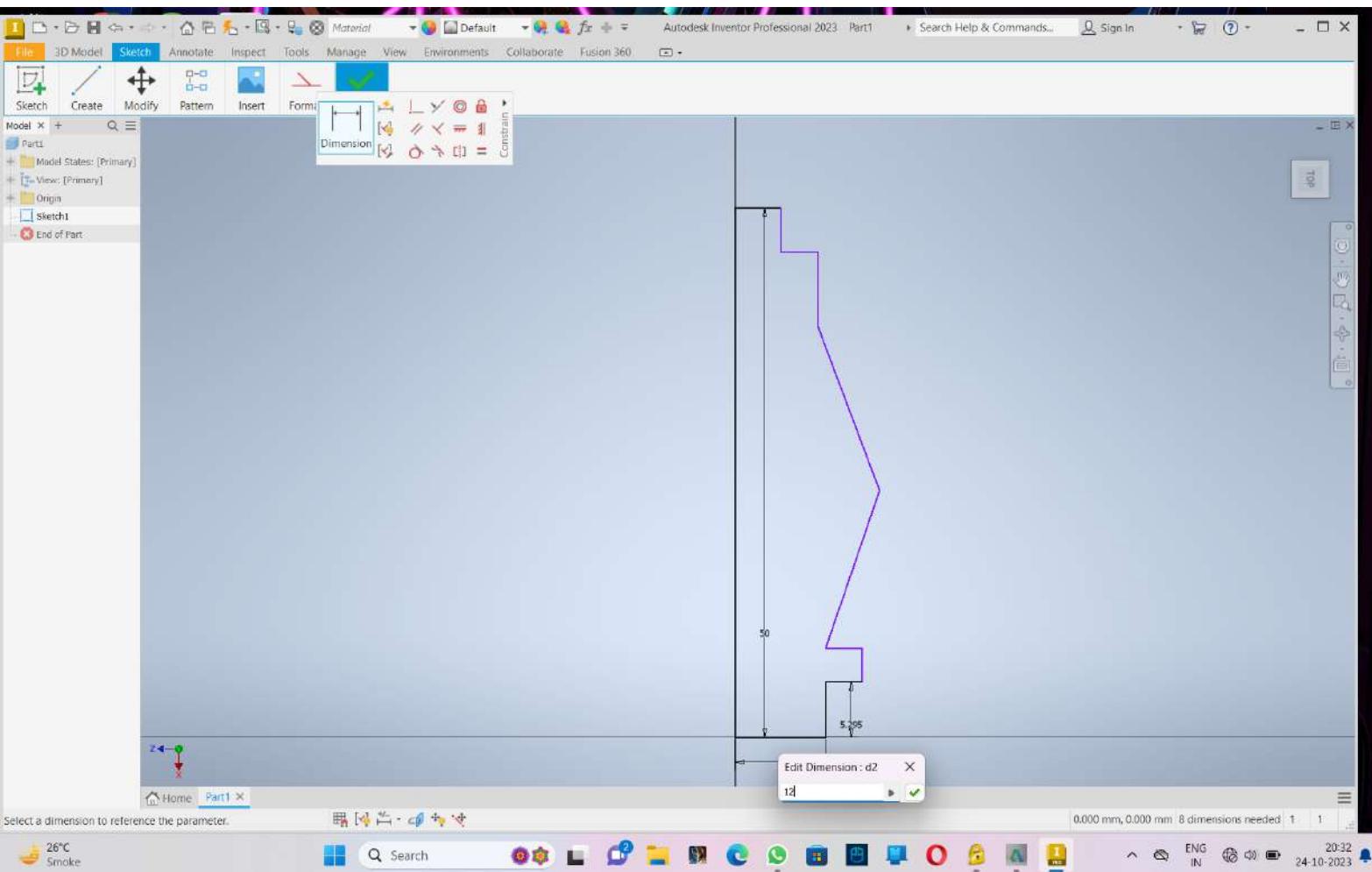


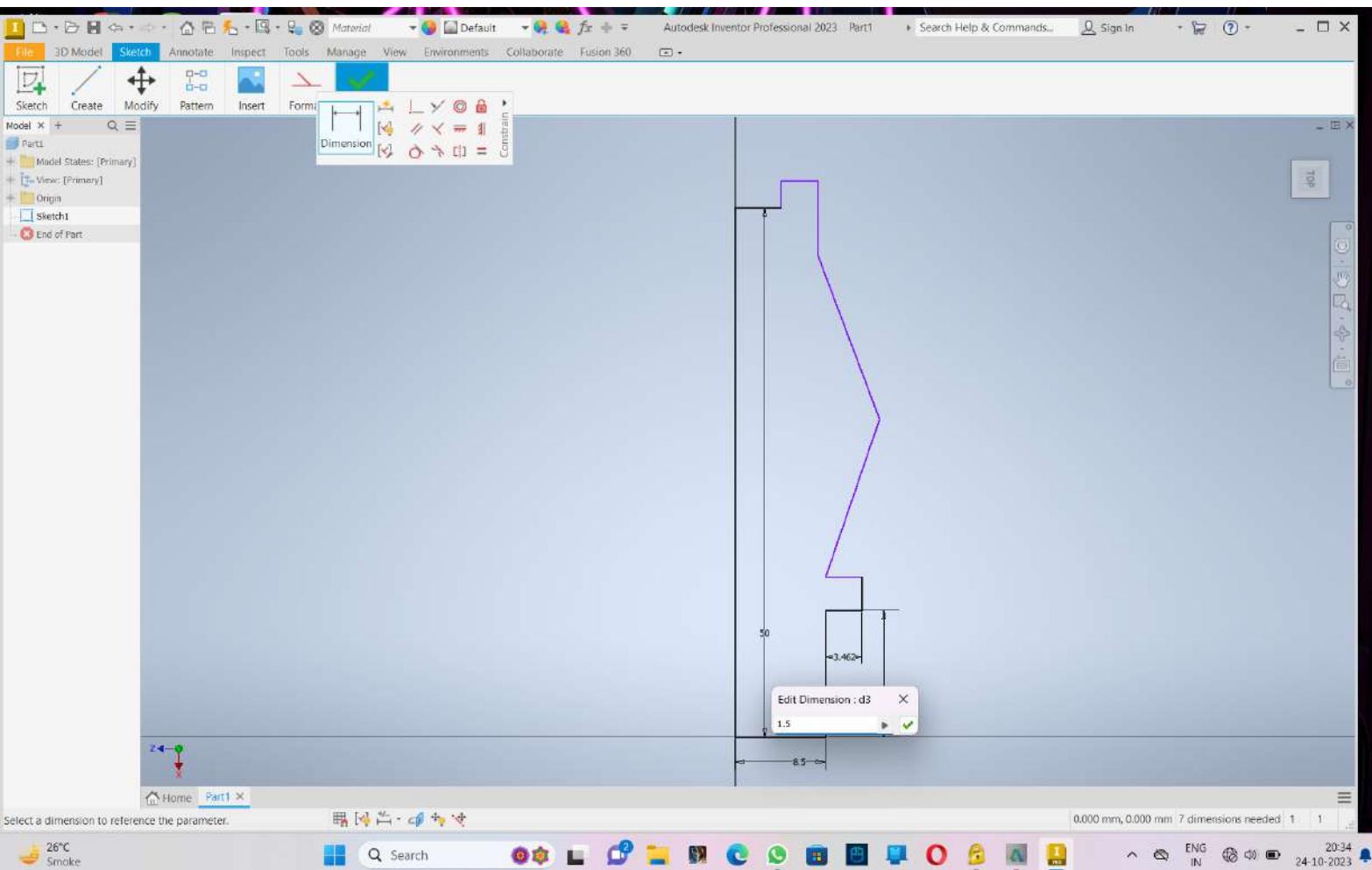


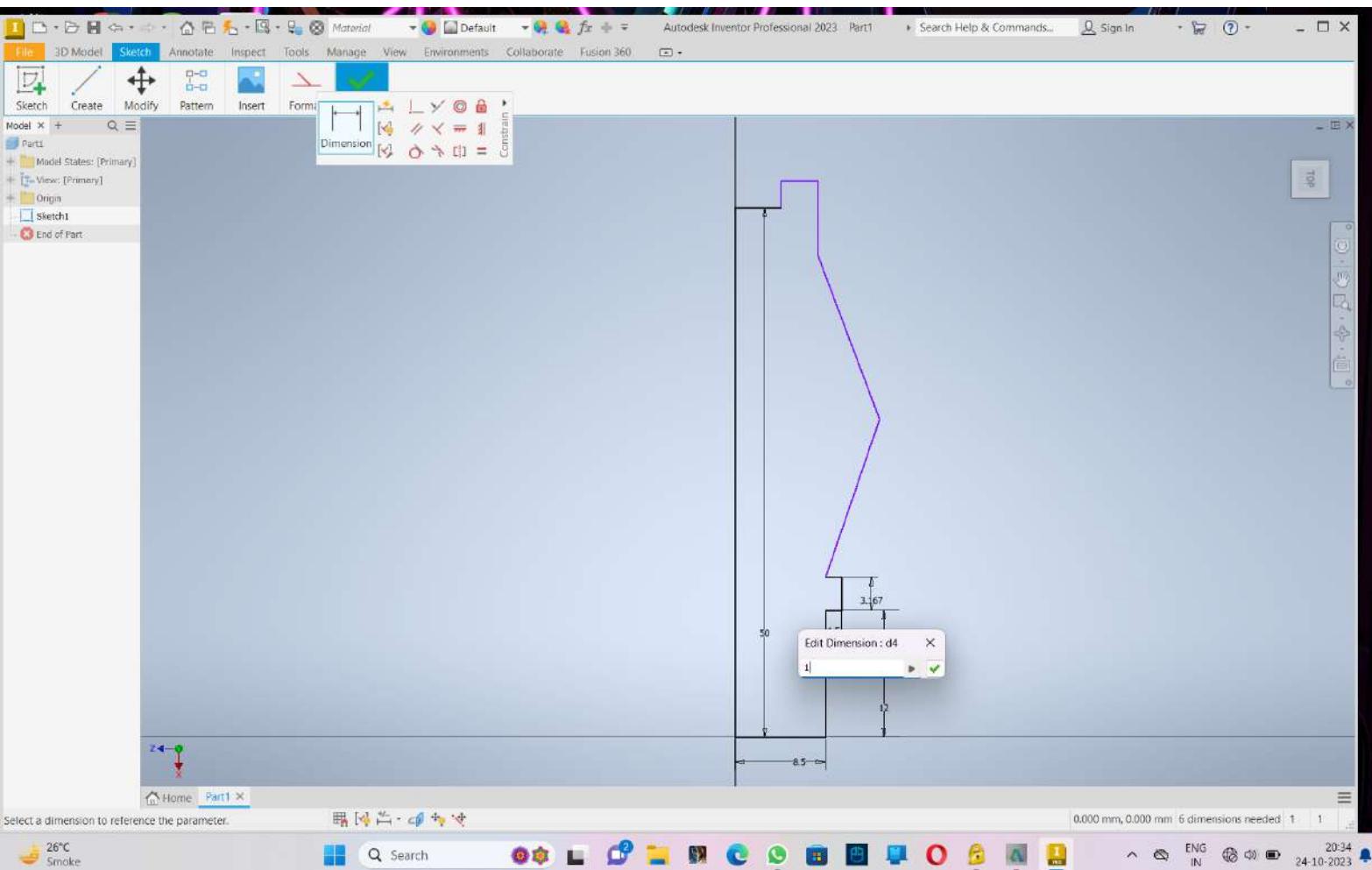


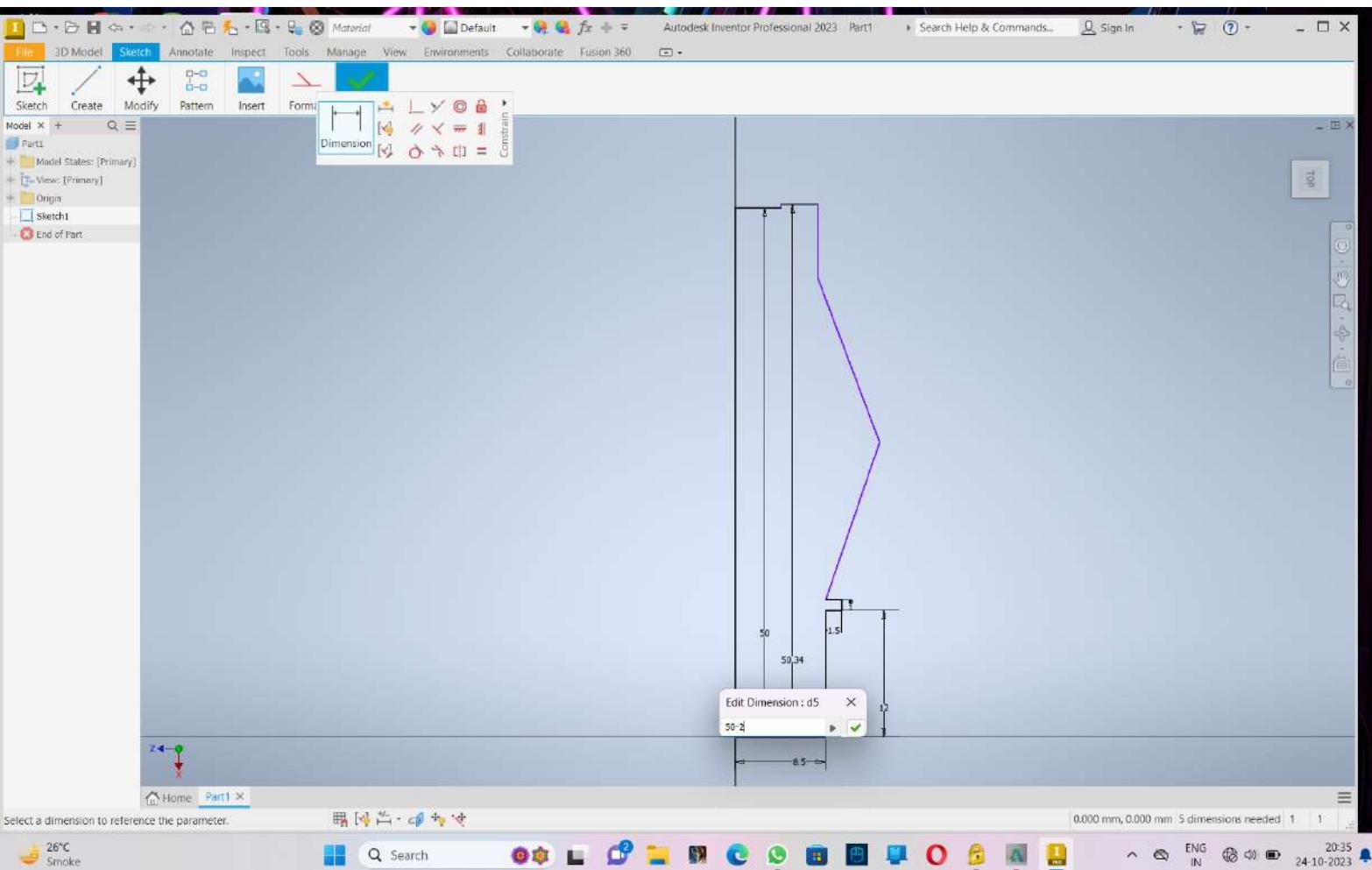
26°C
Smoke

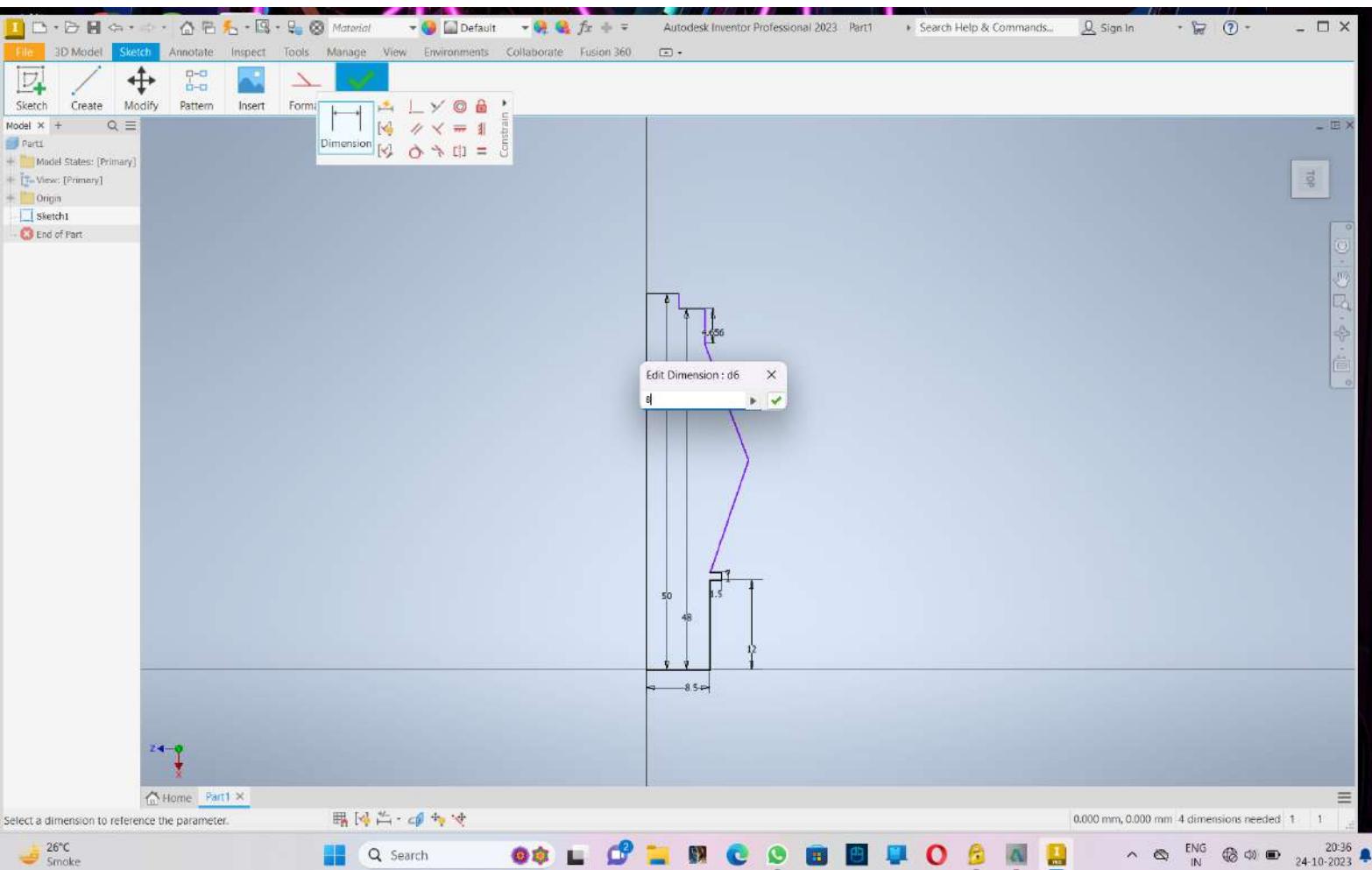
ENG IN 20:32 24-10-2023

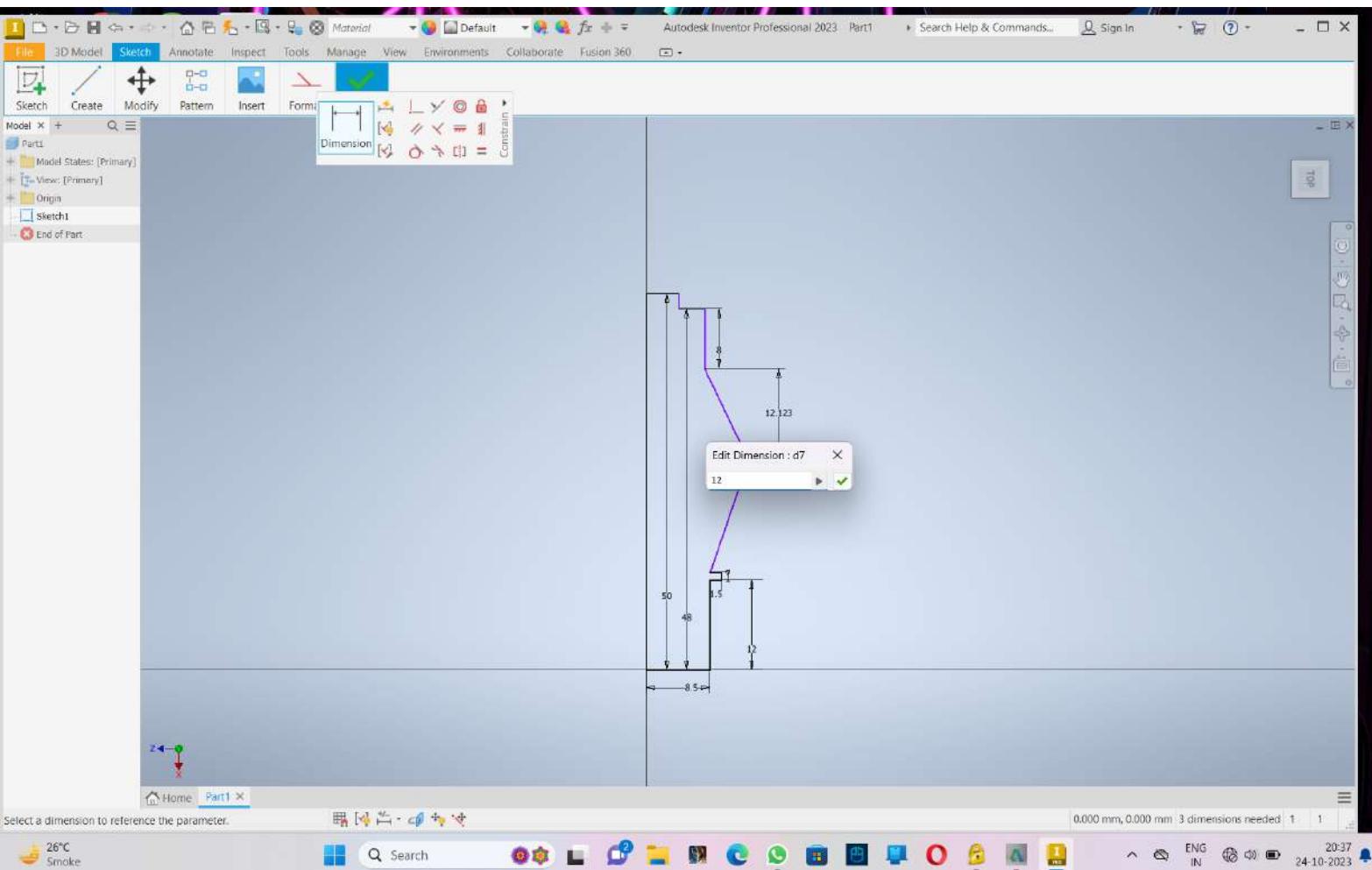


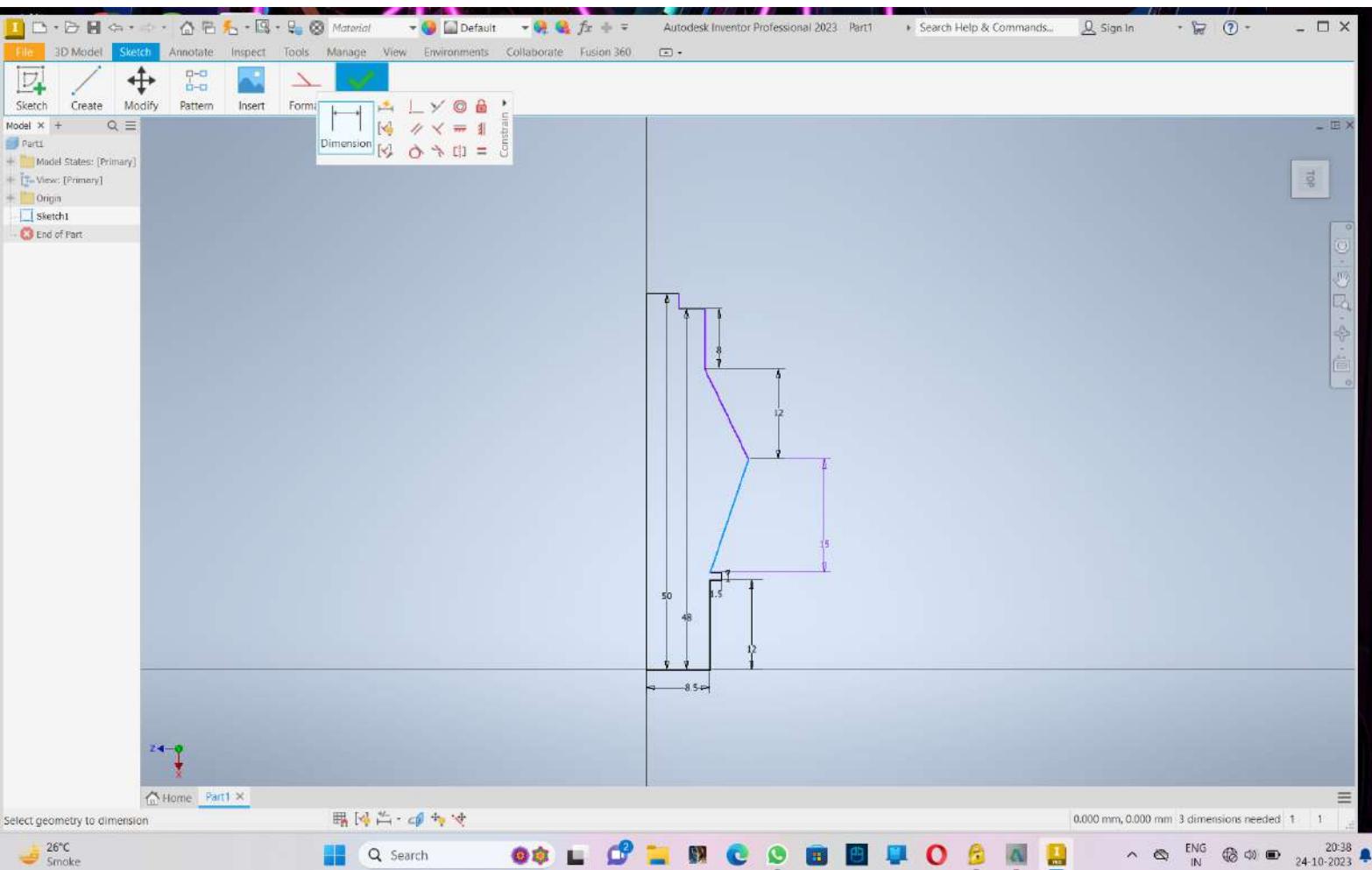


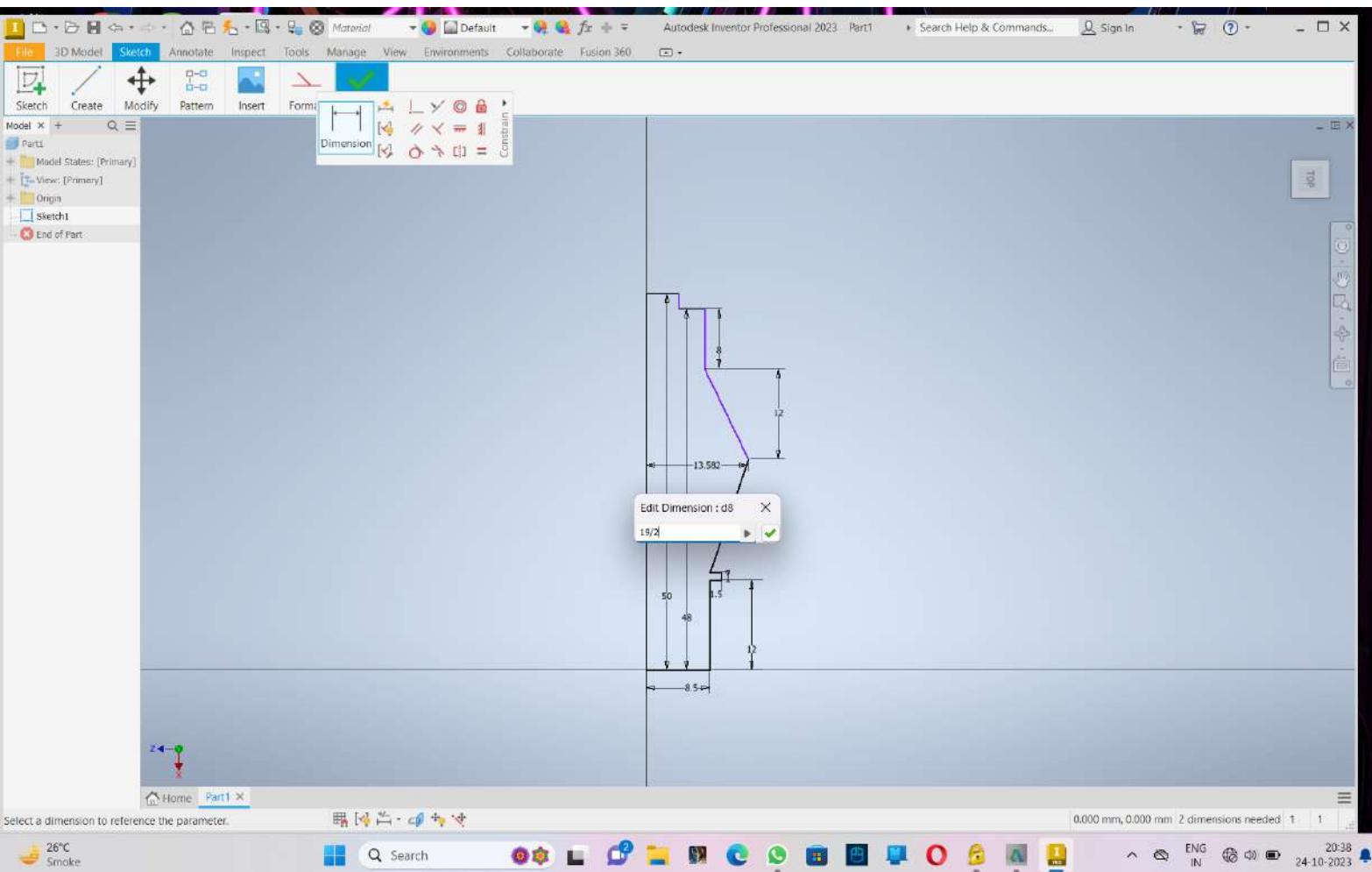


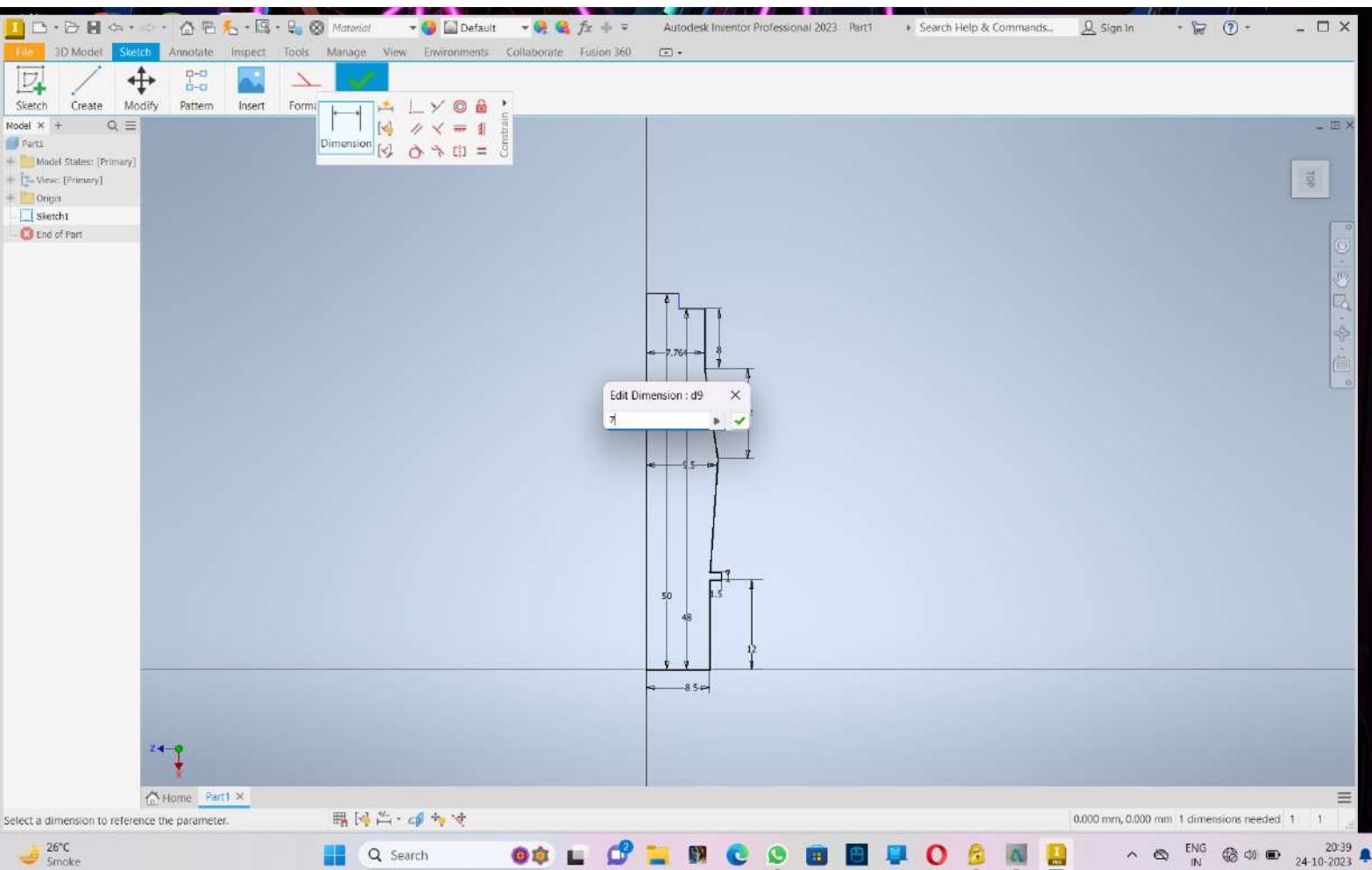






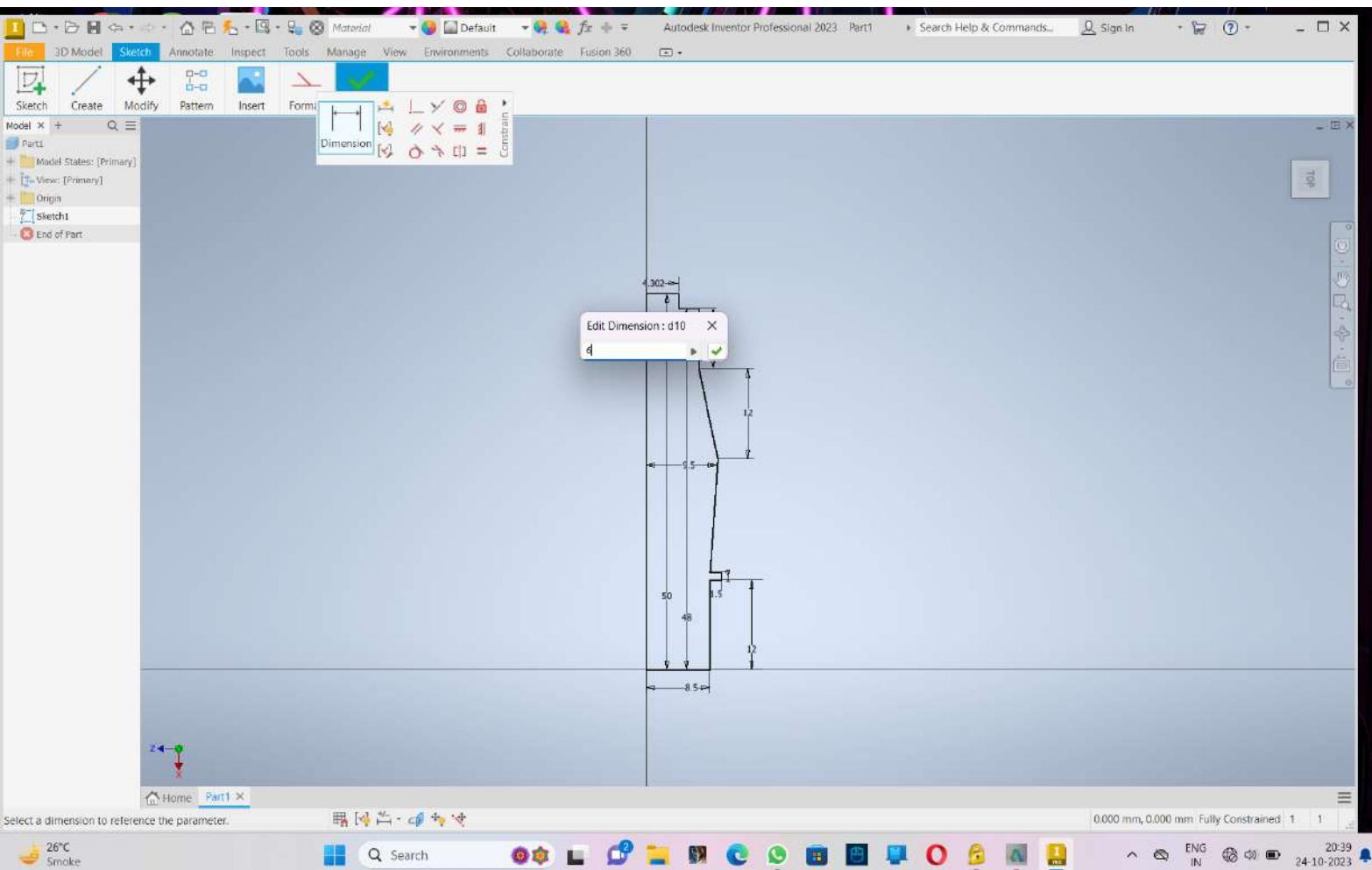


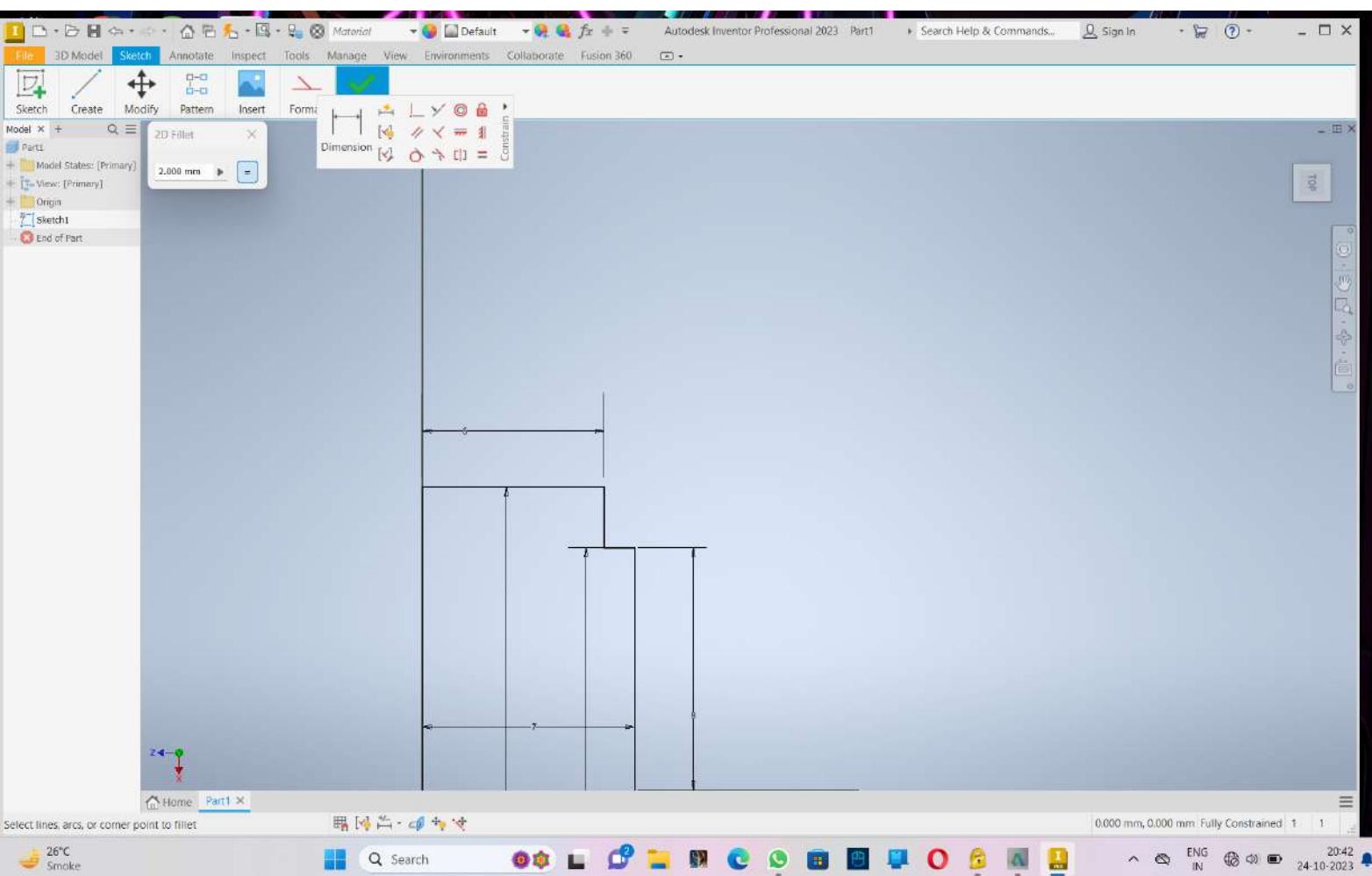


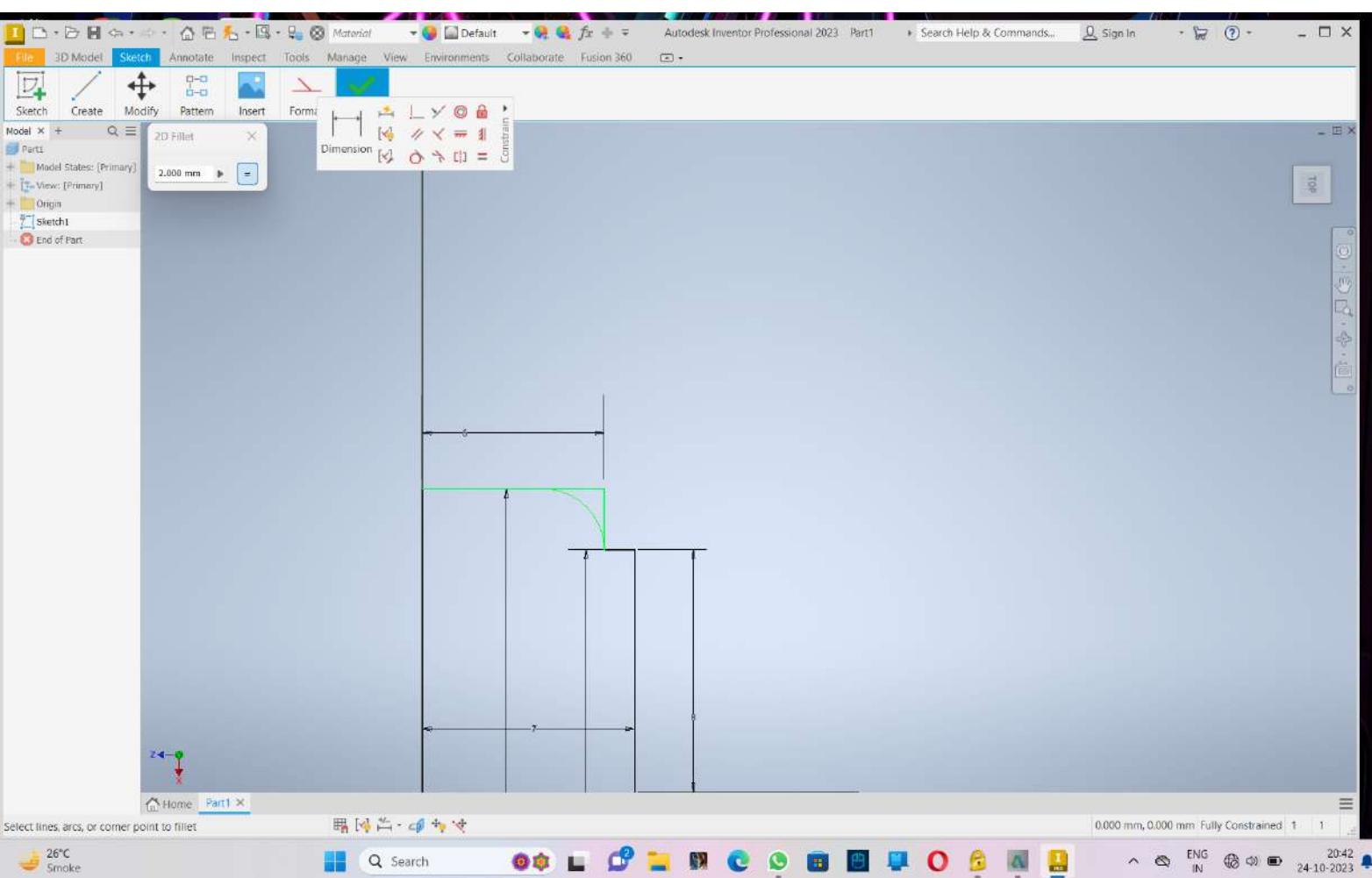


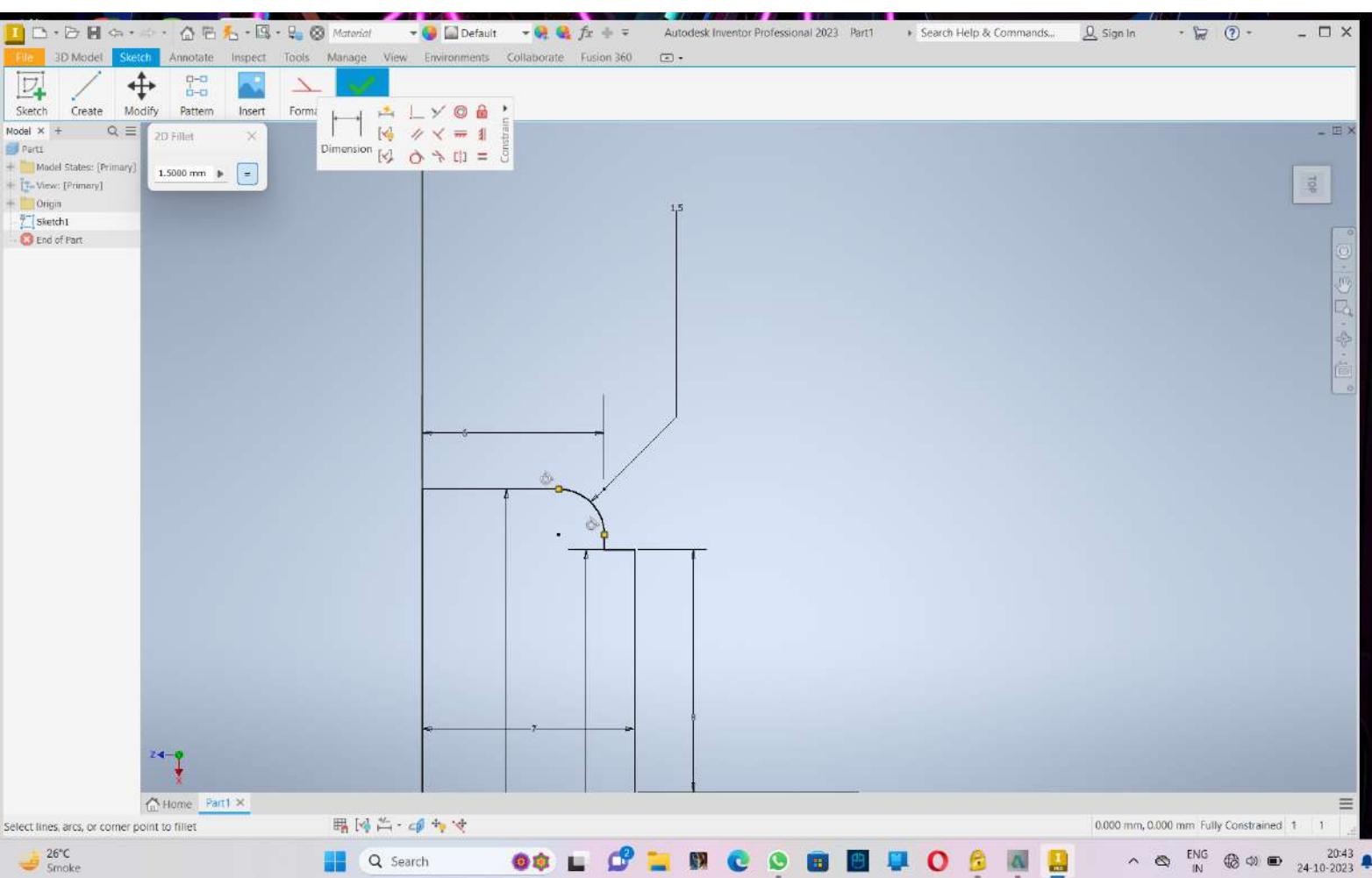
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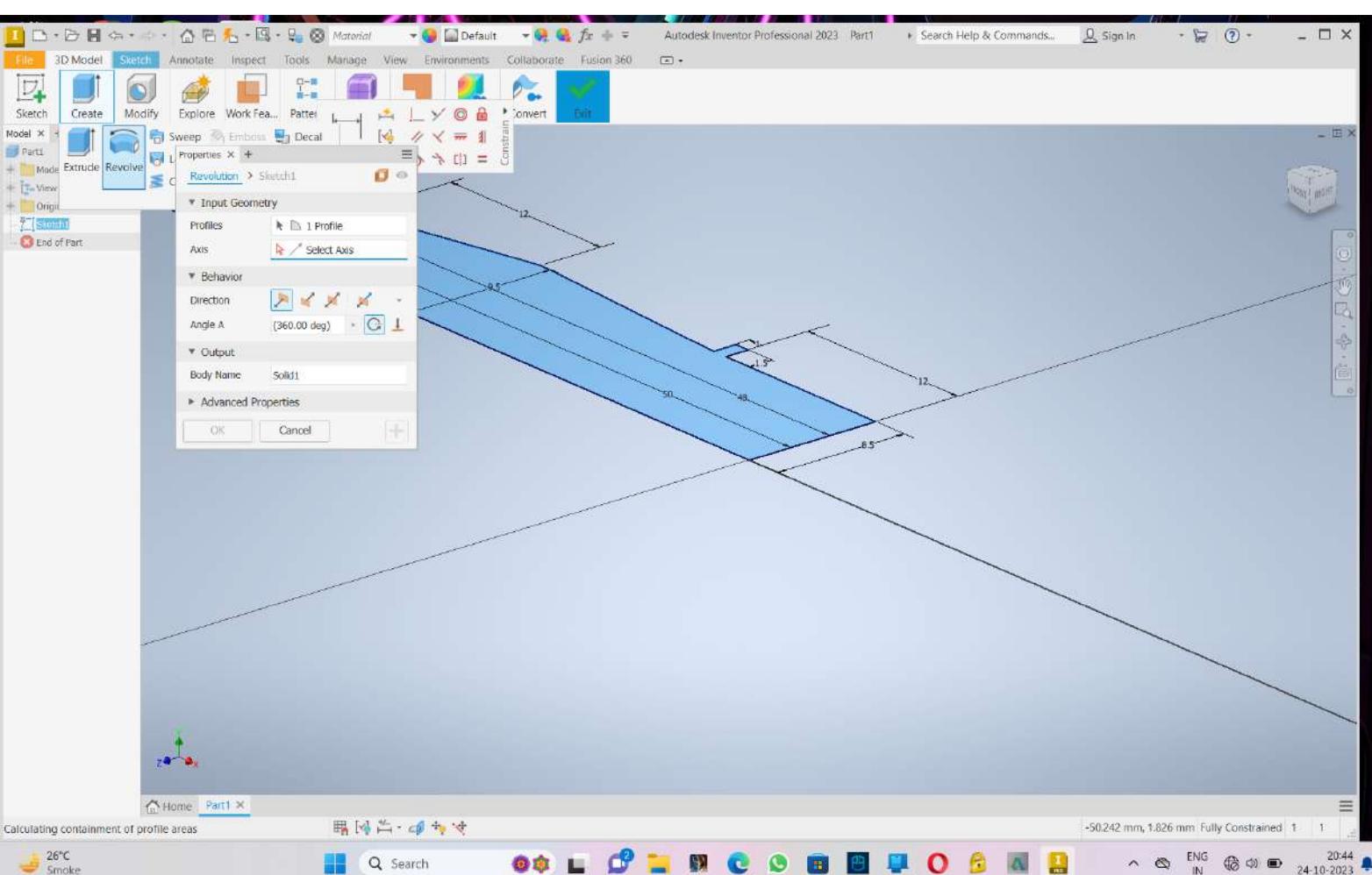
26°C ENG IN 20:39 24-10-2023

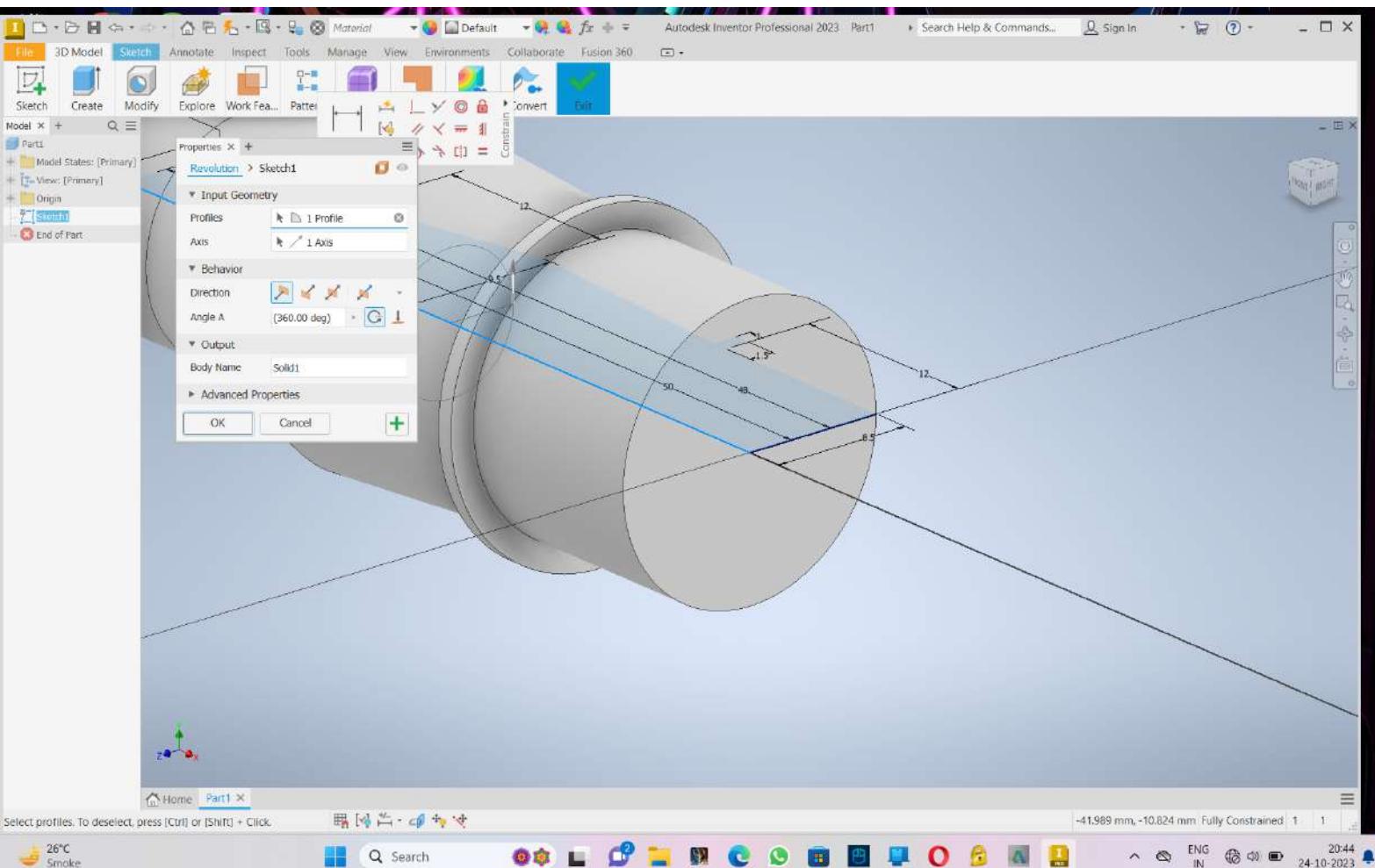


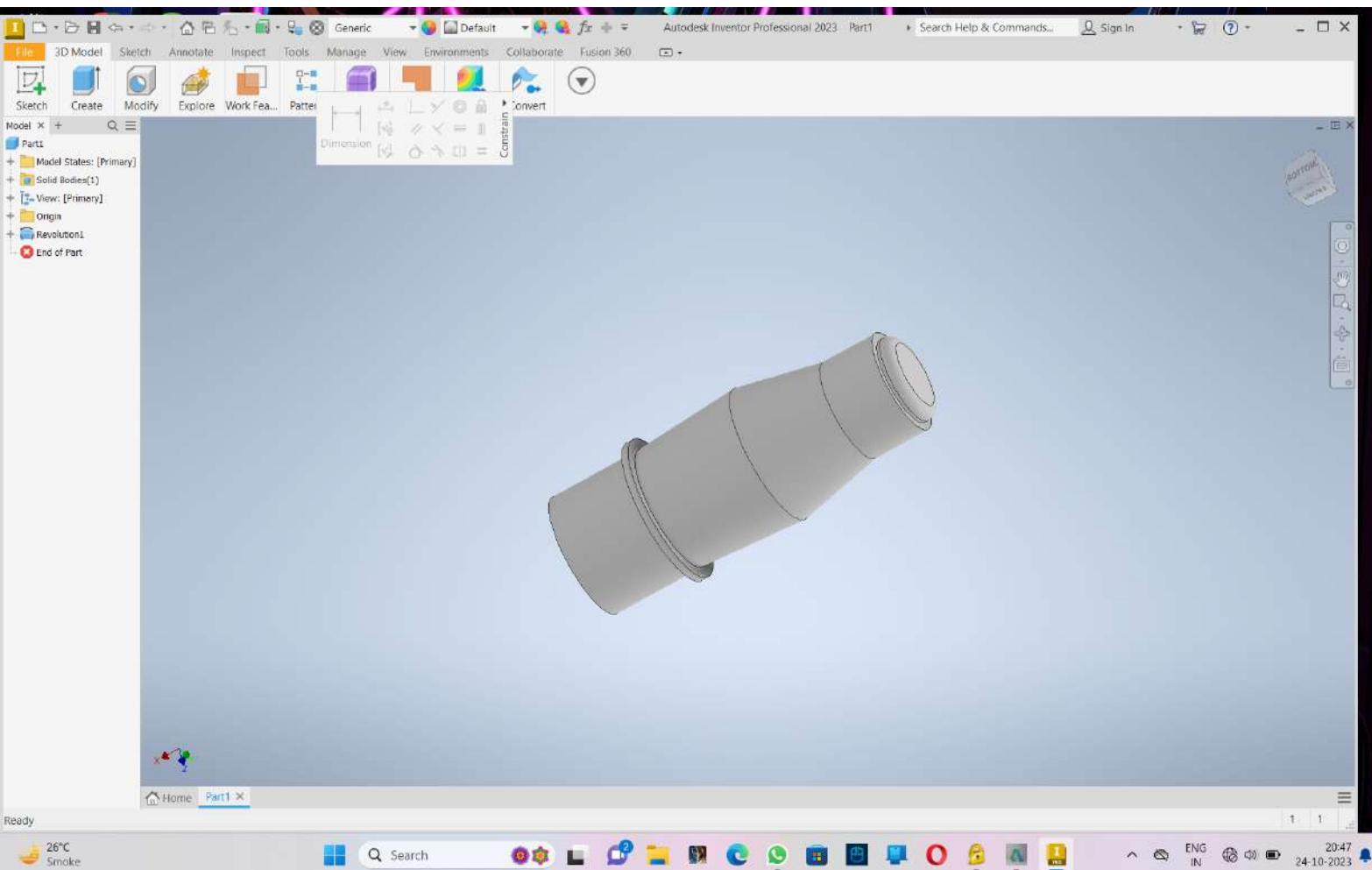


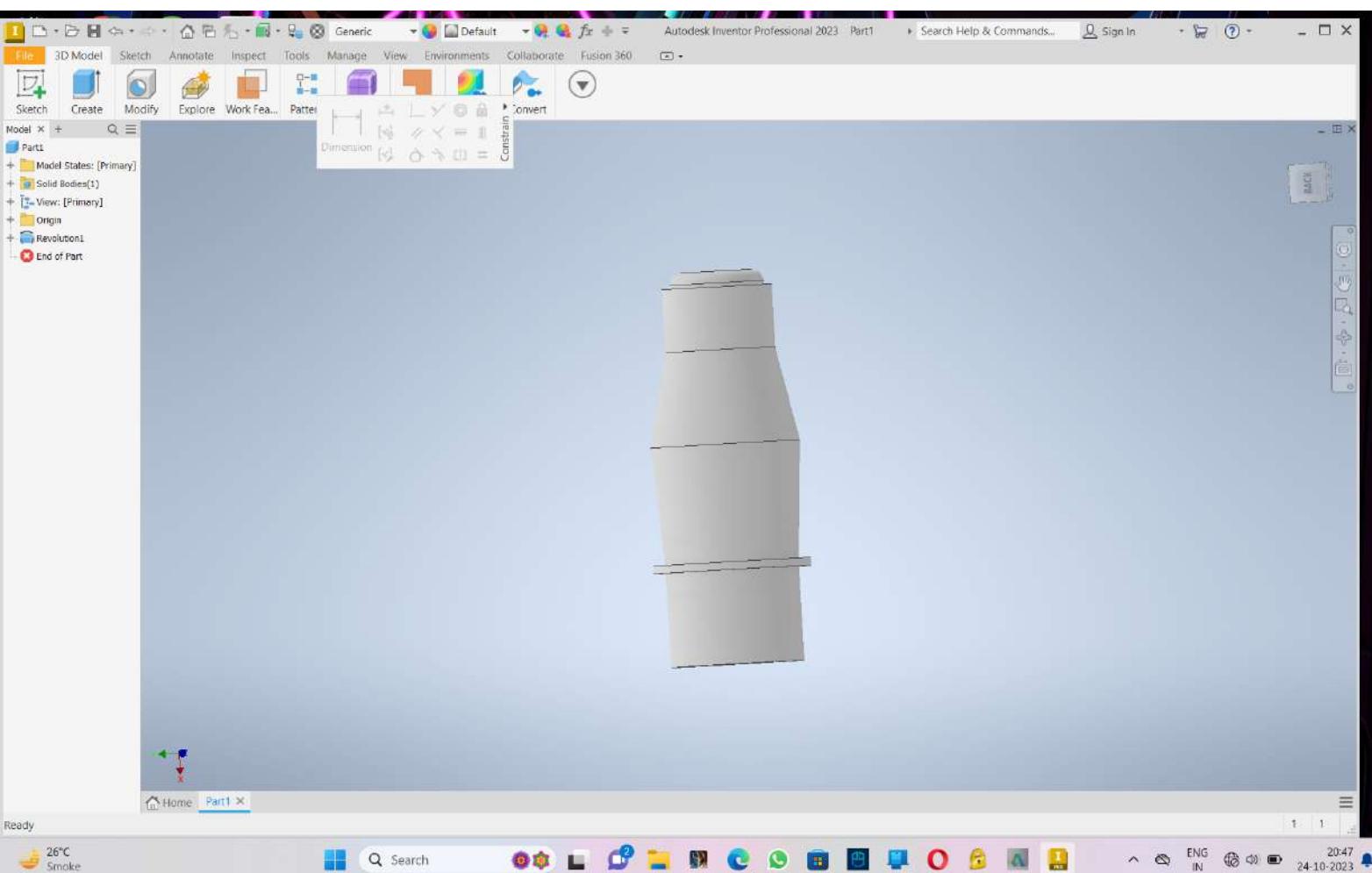


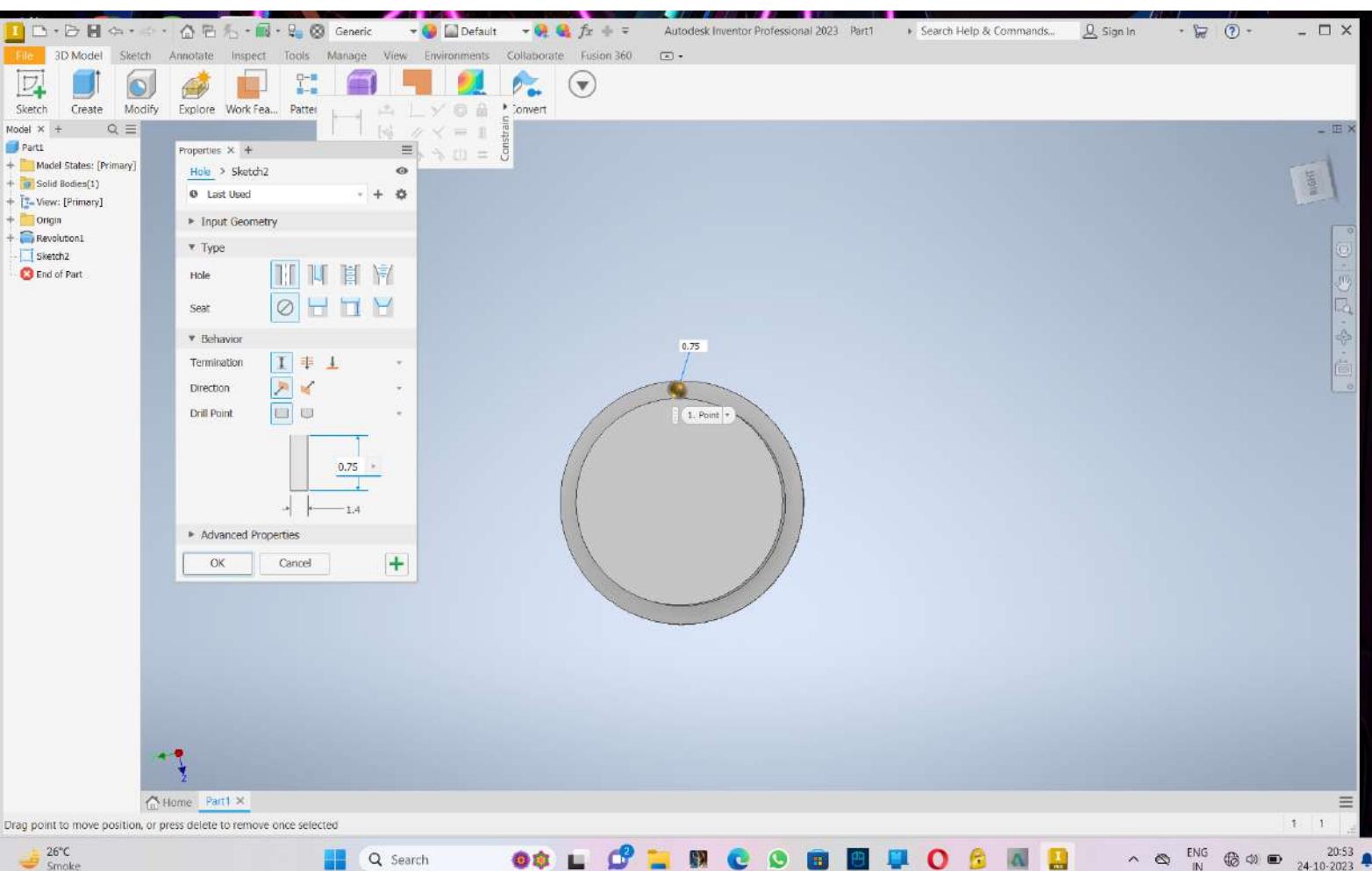


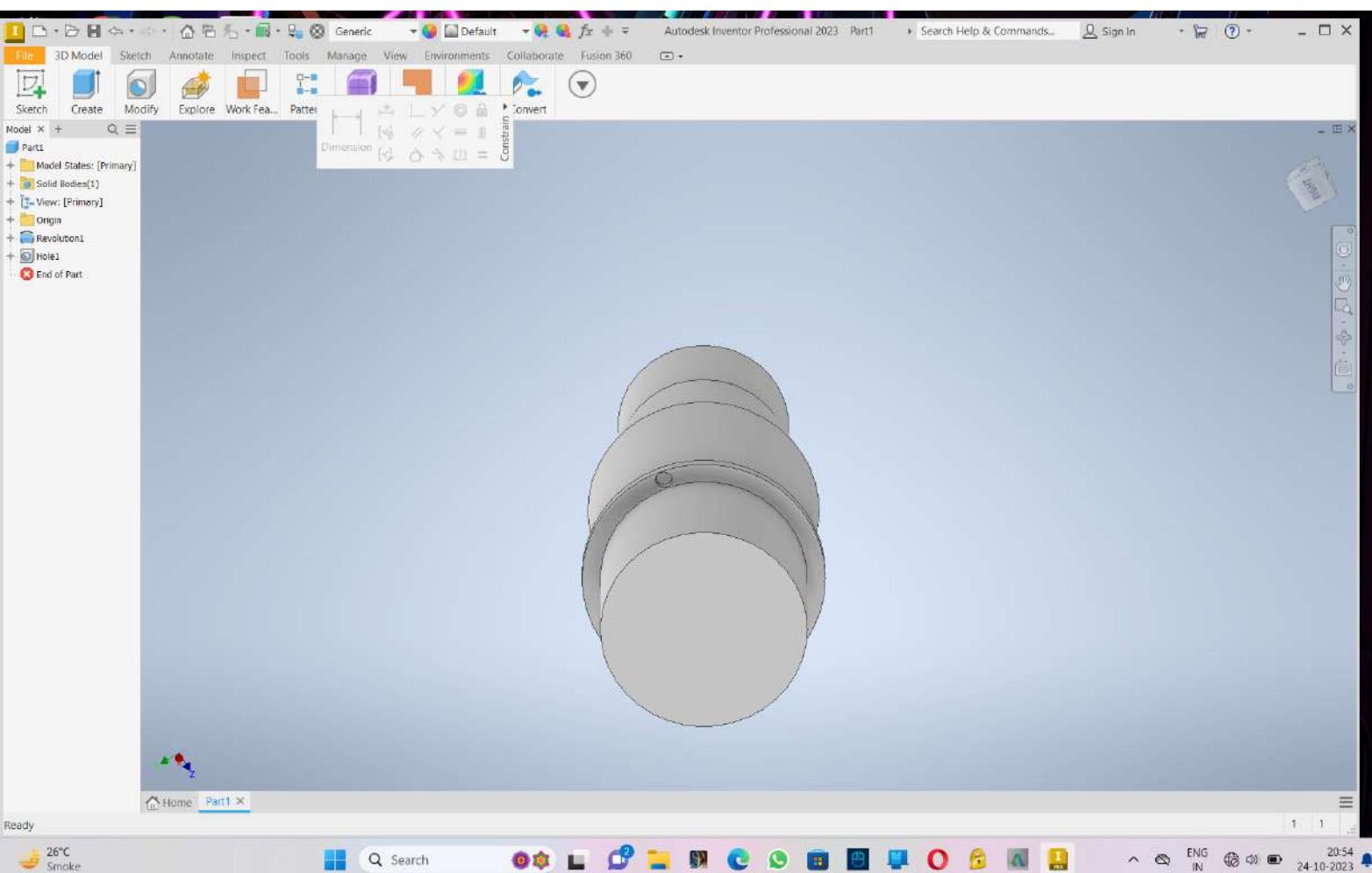


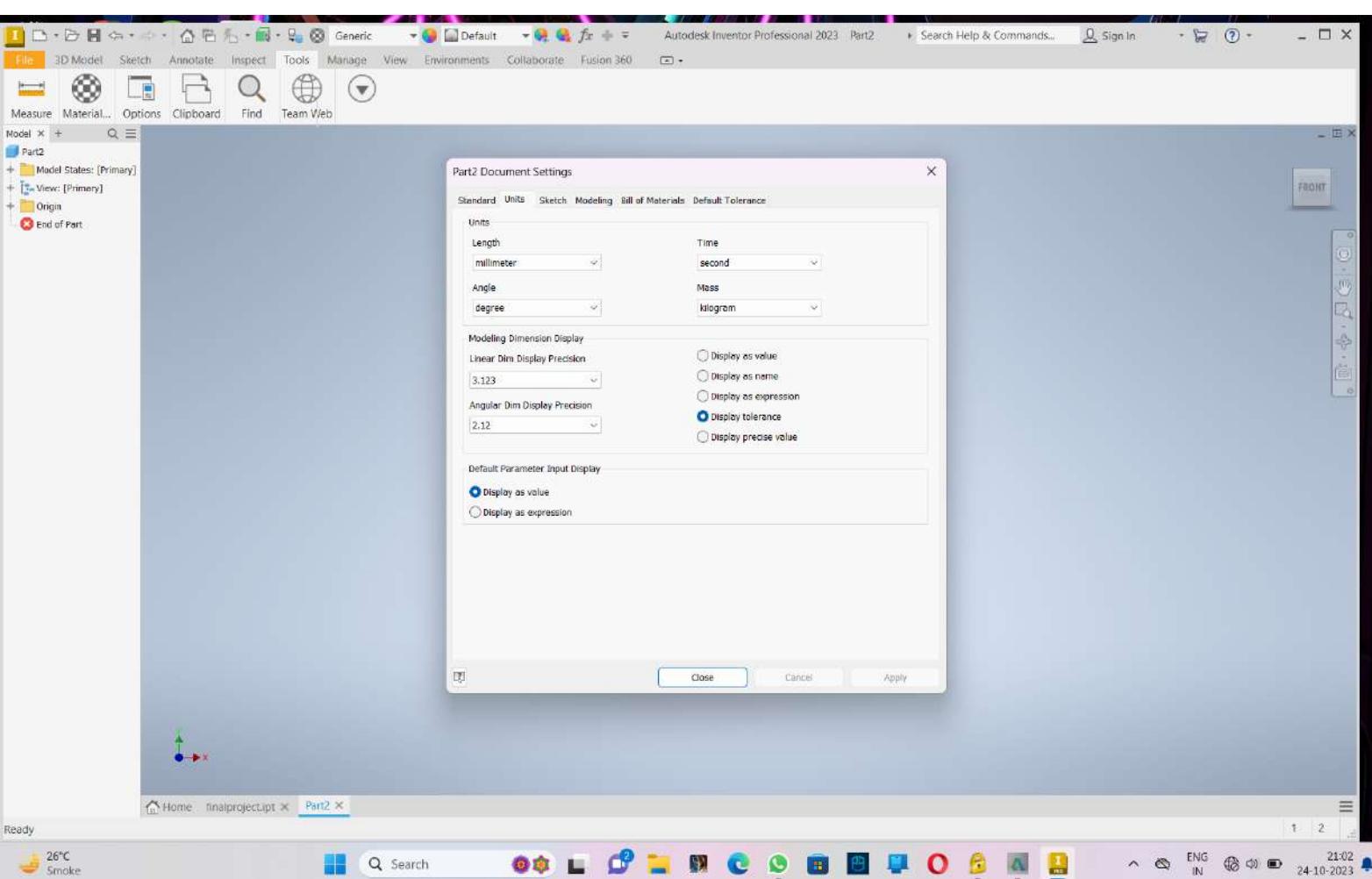


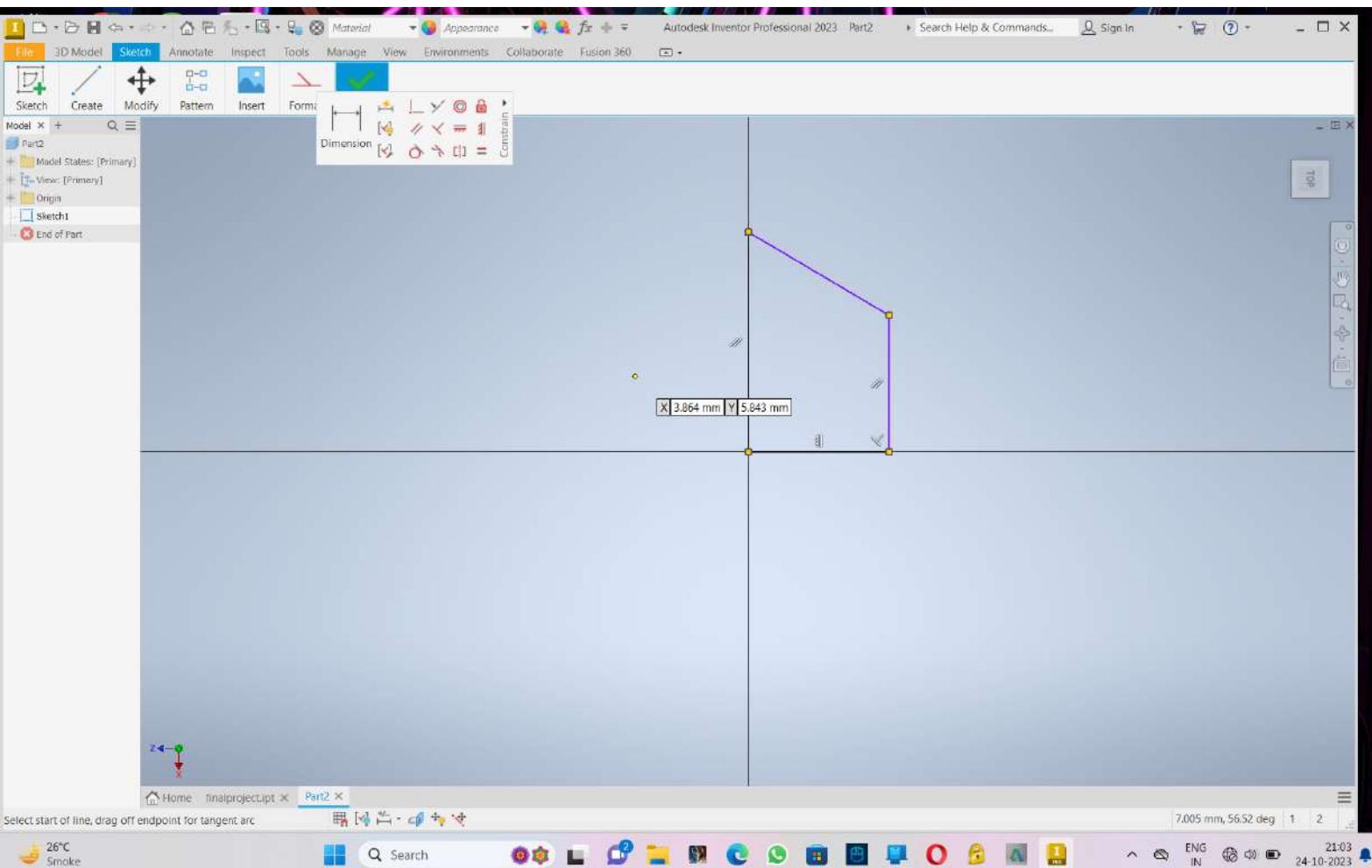


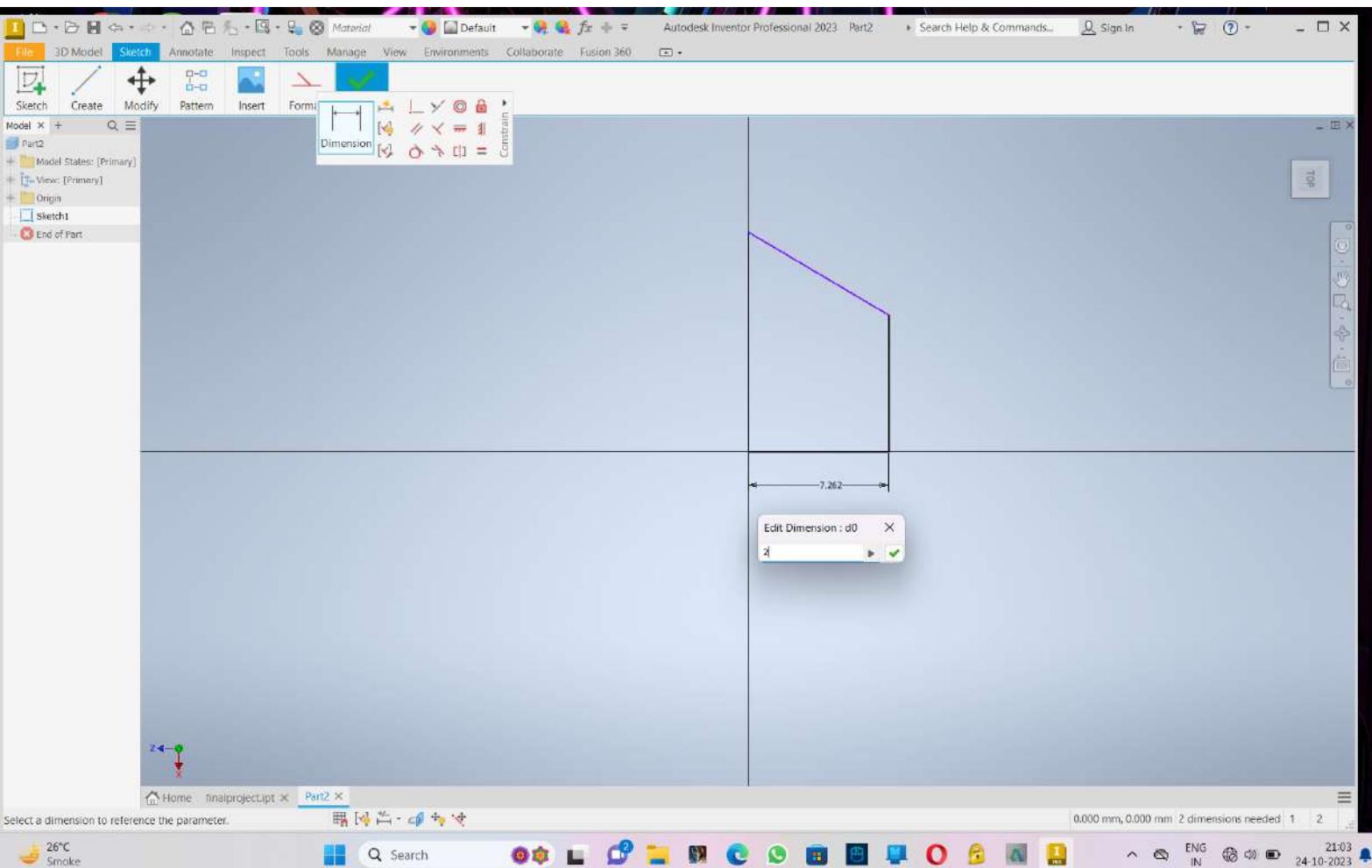








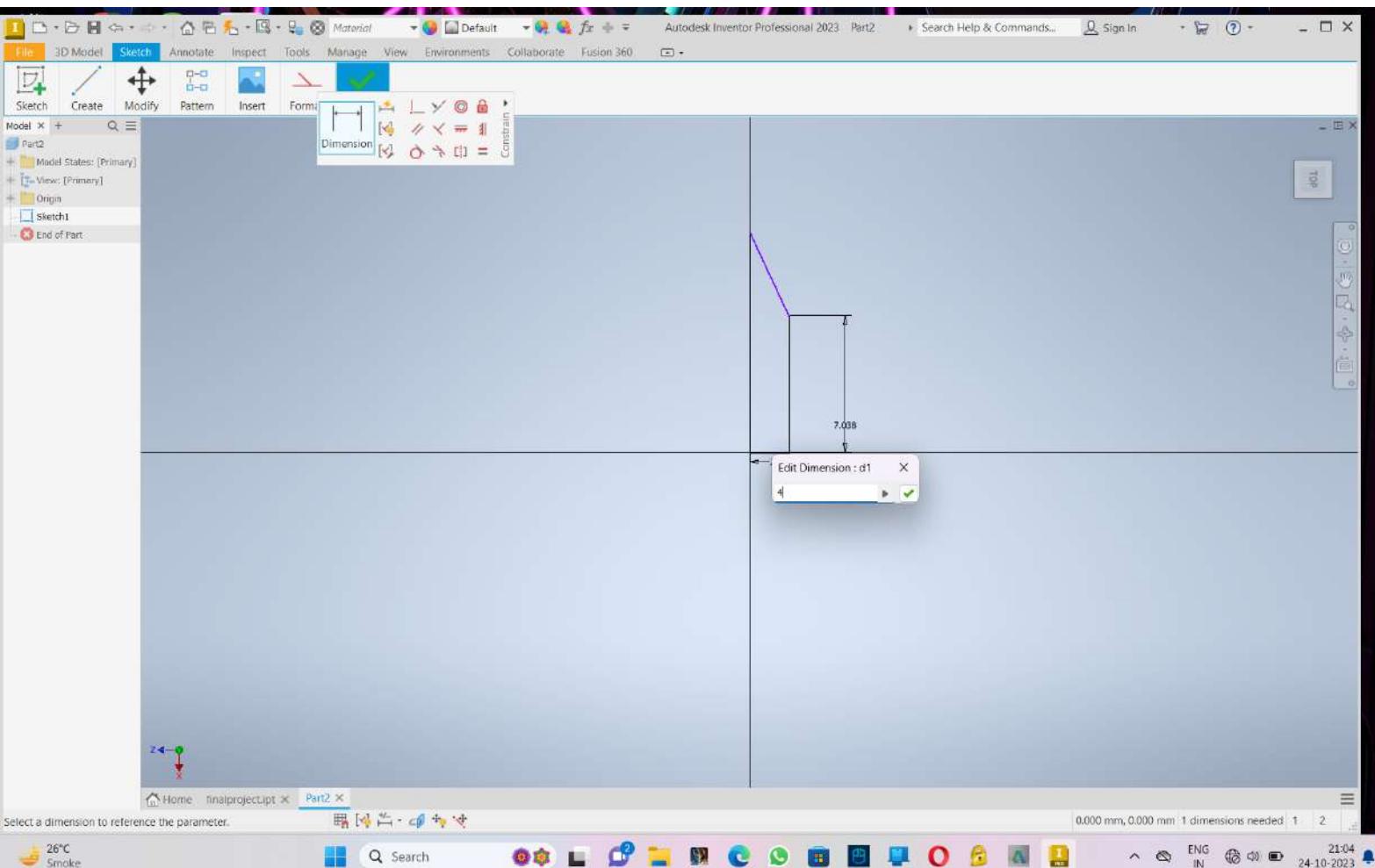




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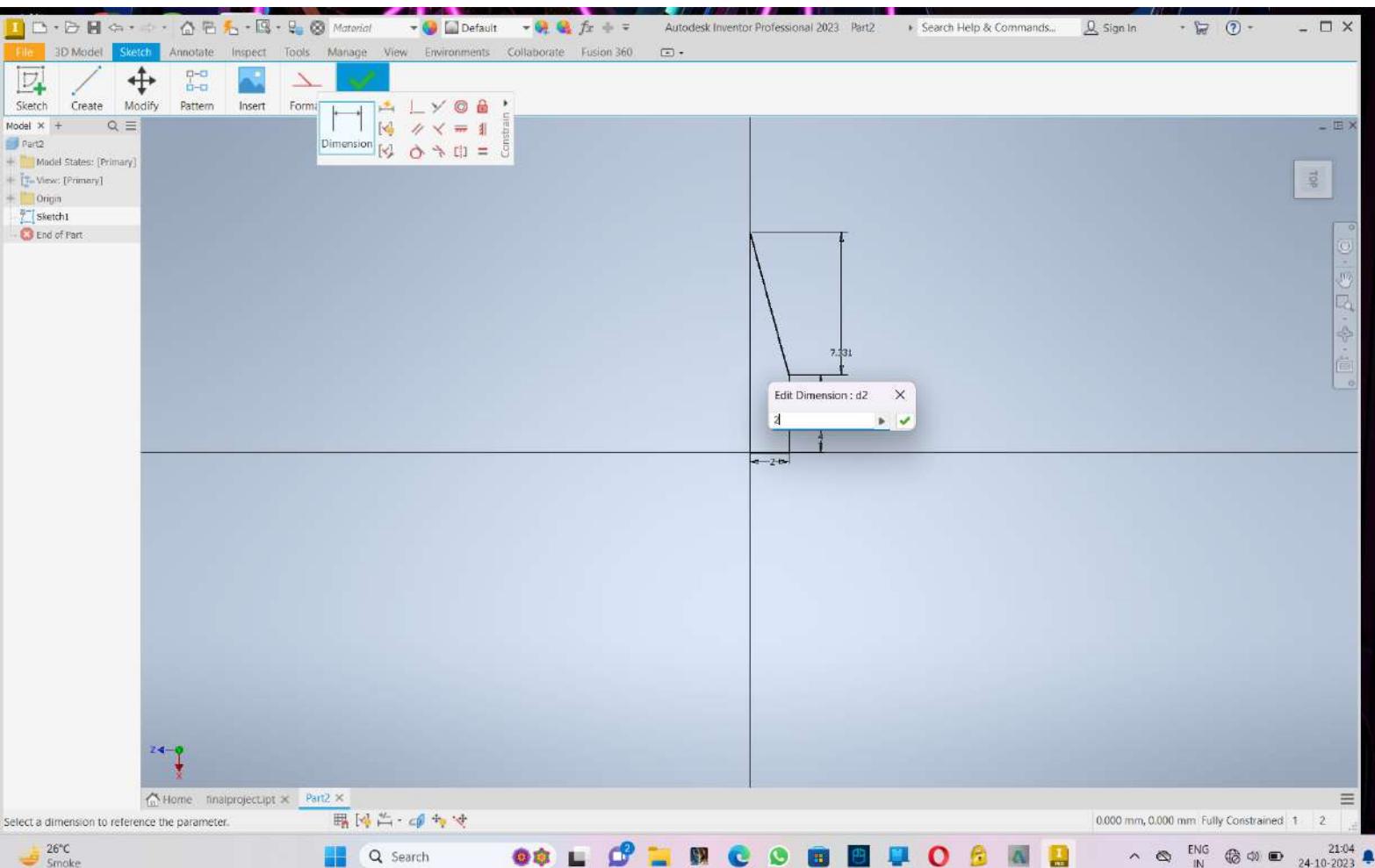
0.000 mm, 0.000 mm; 2 dimensions needed

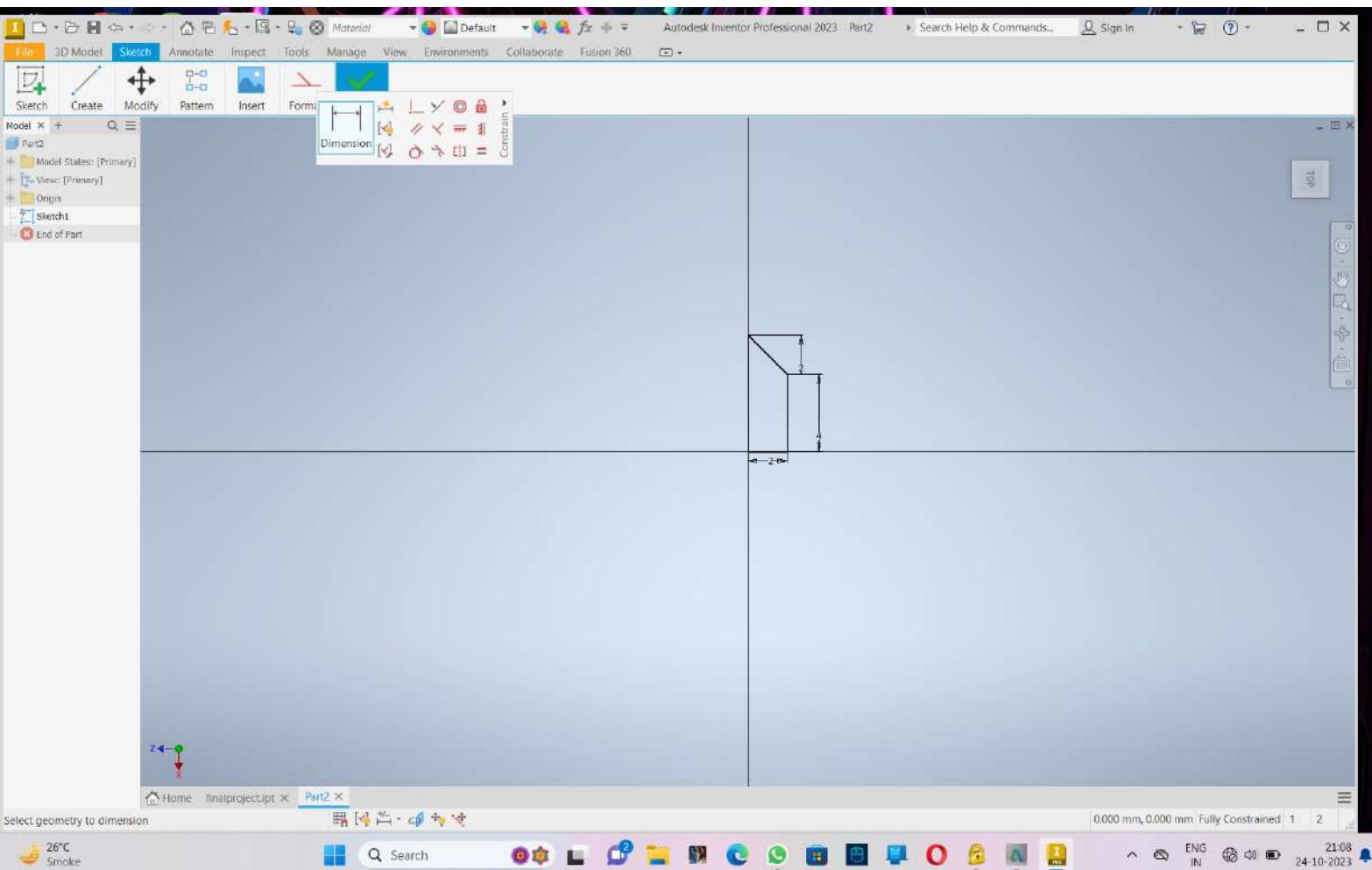
21:03
24-10-2023



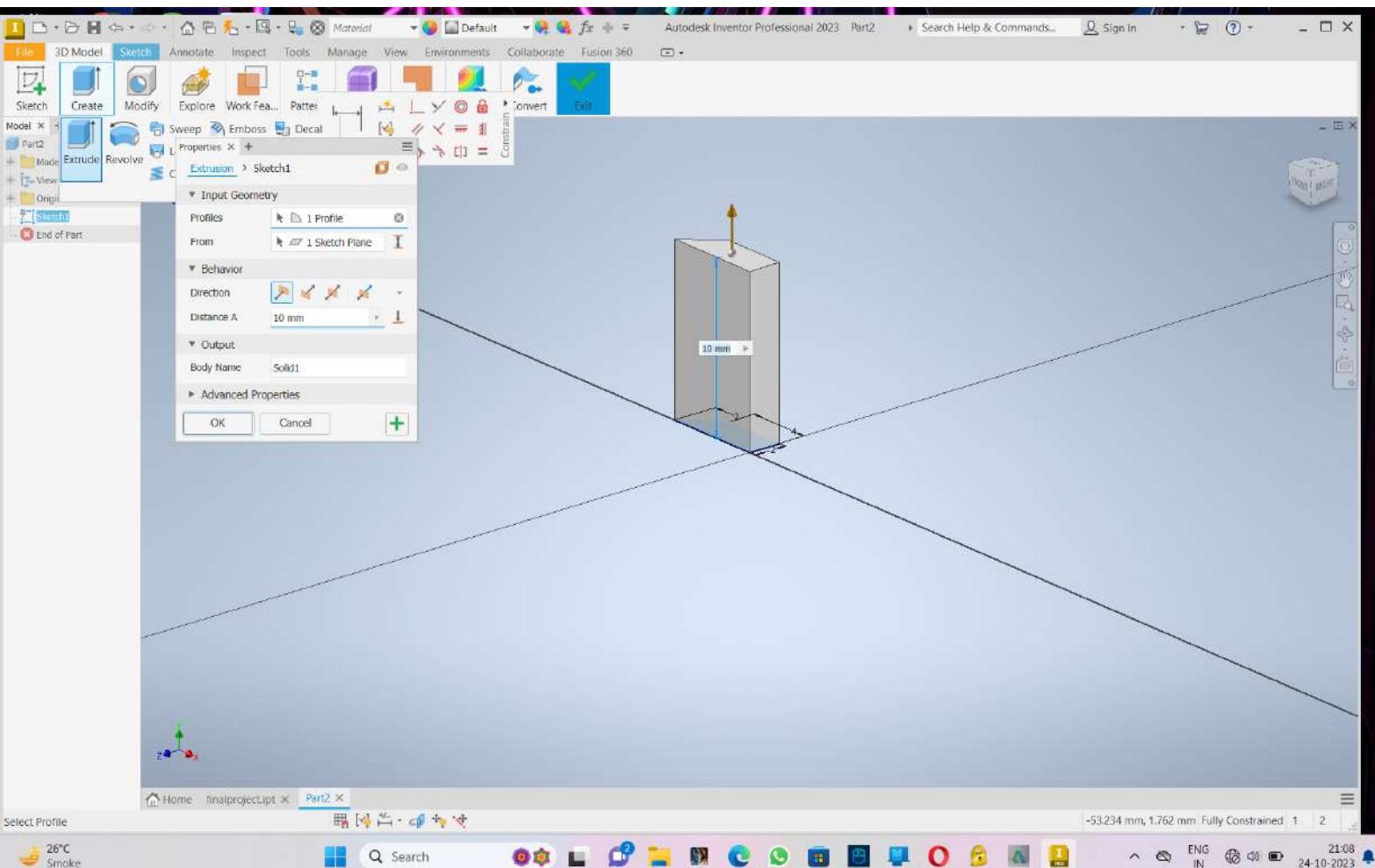
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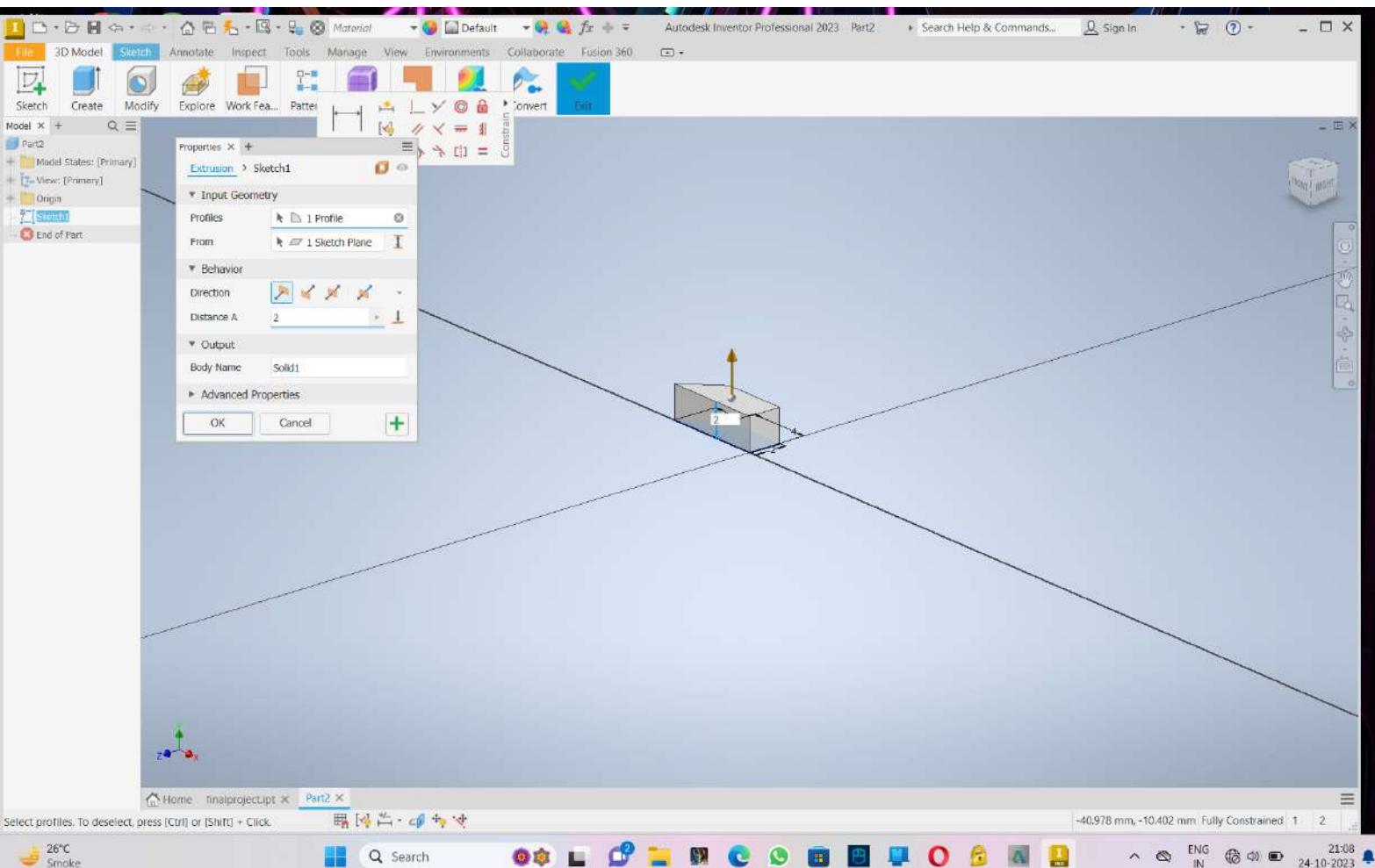
0.000 mm, 0.000 mm | 1 dimensions needed 1 2 21:04 ENG IN 24-10-2023

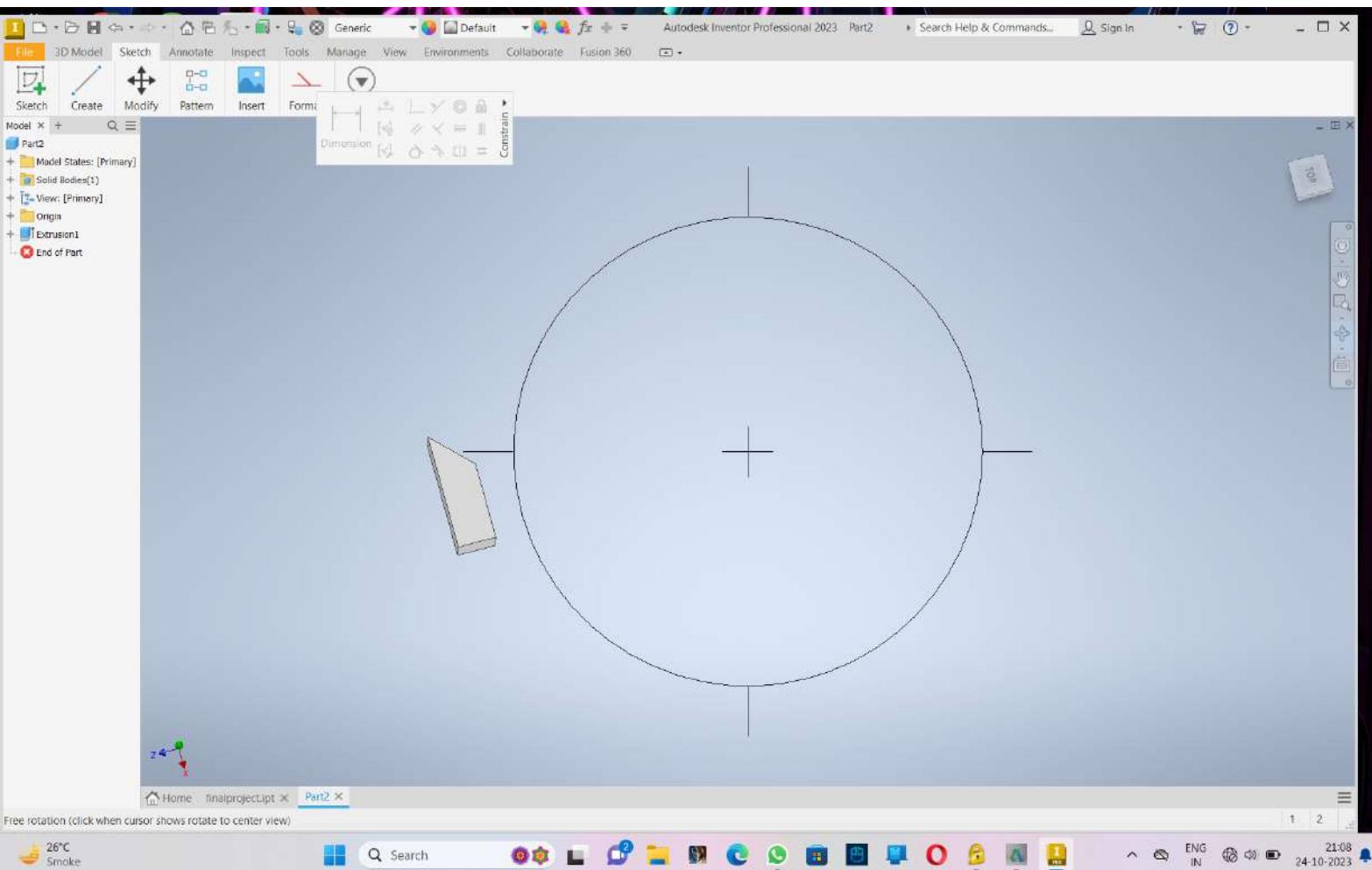


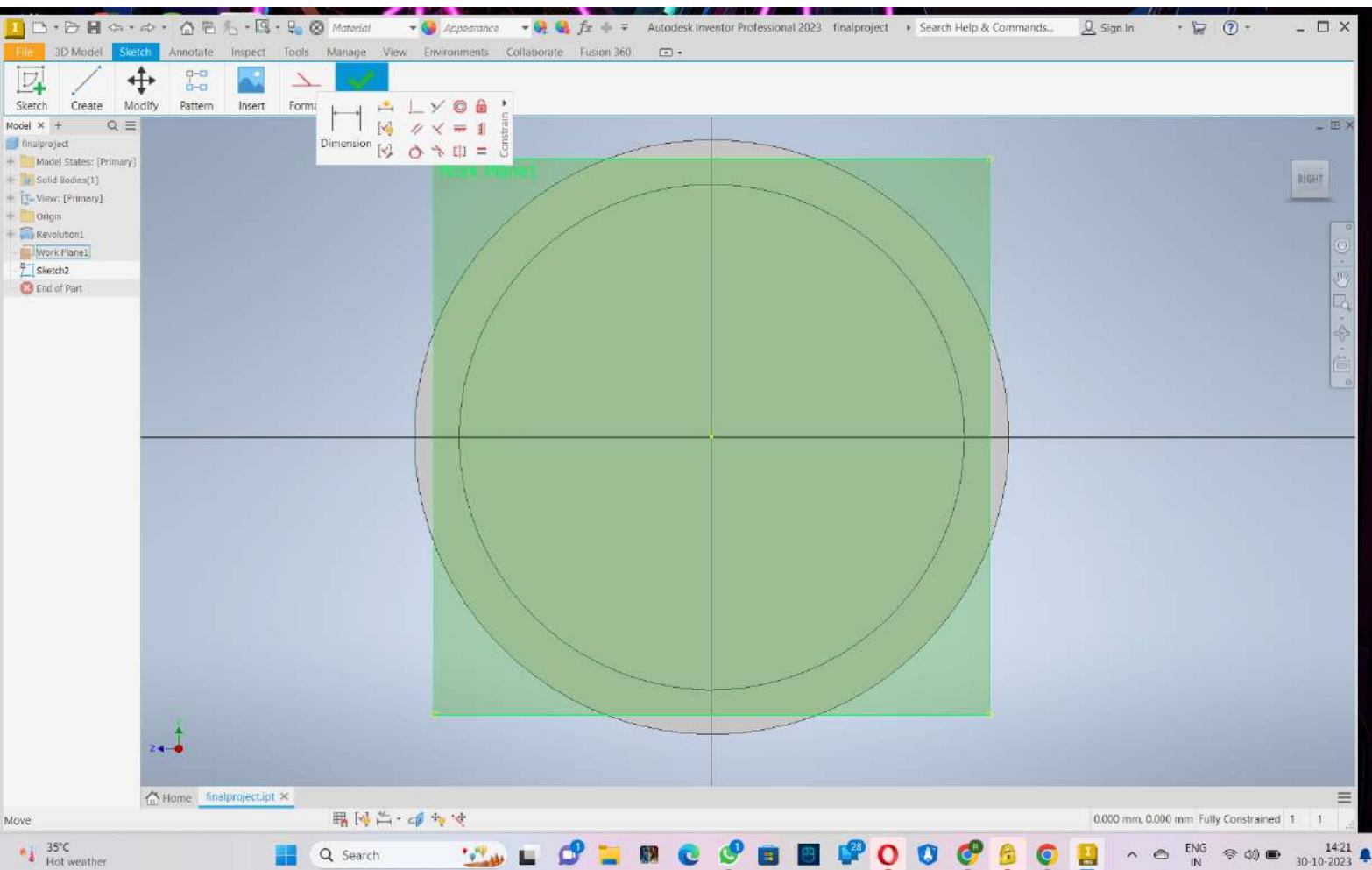


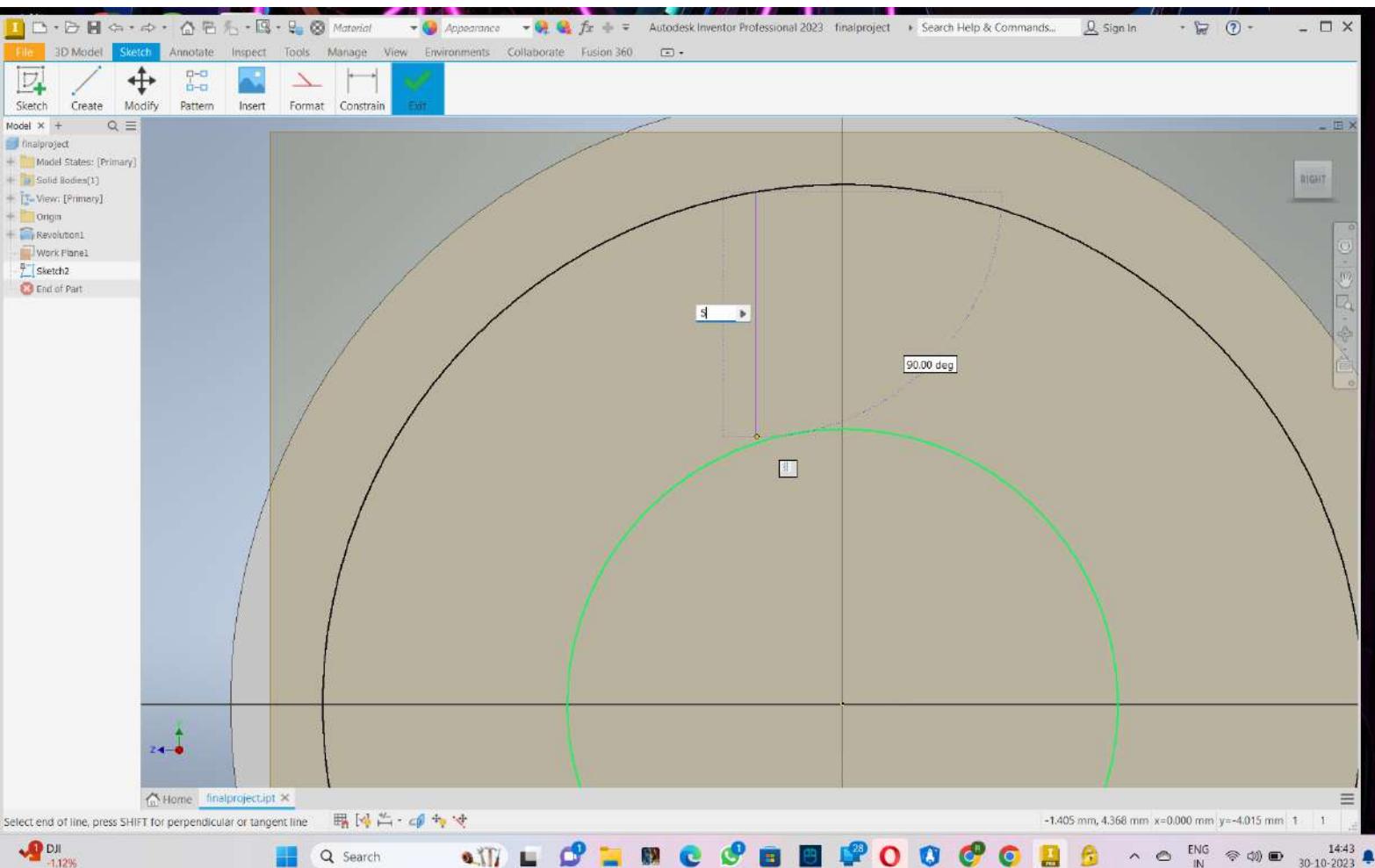
Select geometry to dimension 0.000 mm, 0.000 mm Fully Constrained 1 2 21:08 24-10-2023

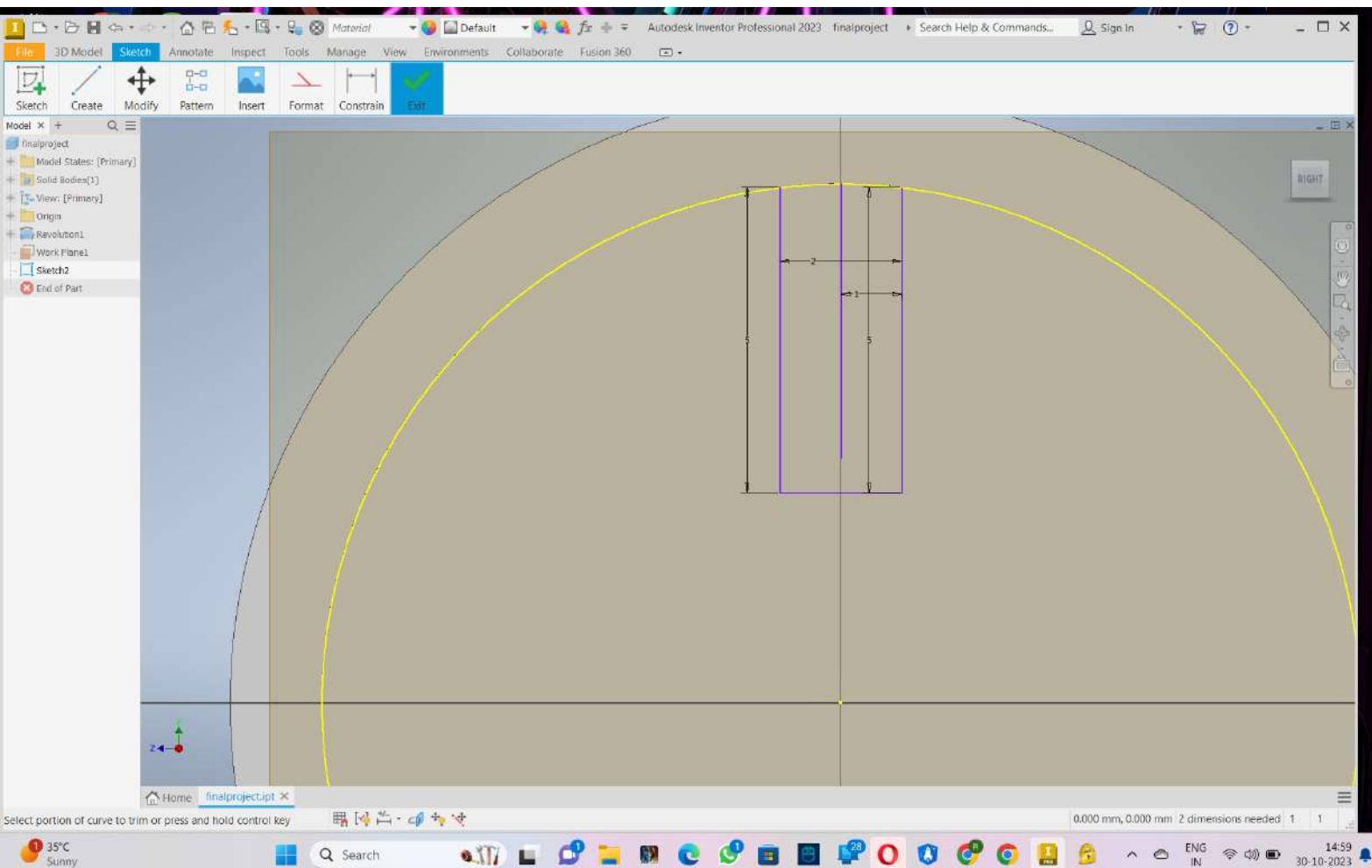


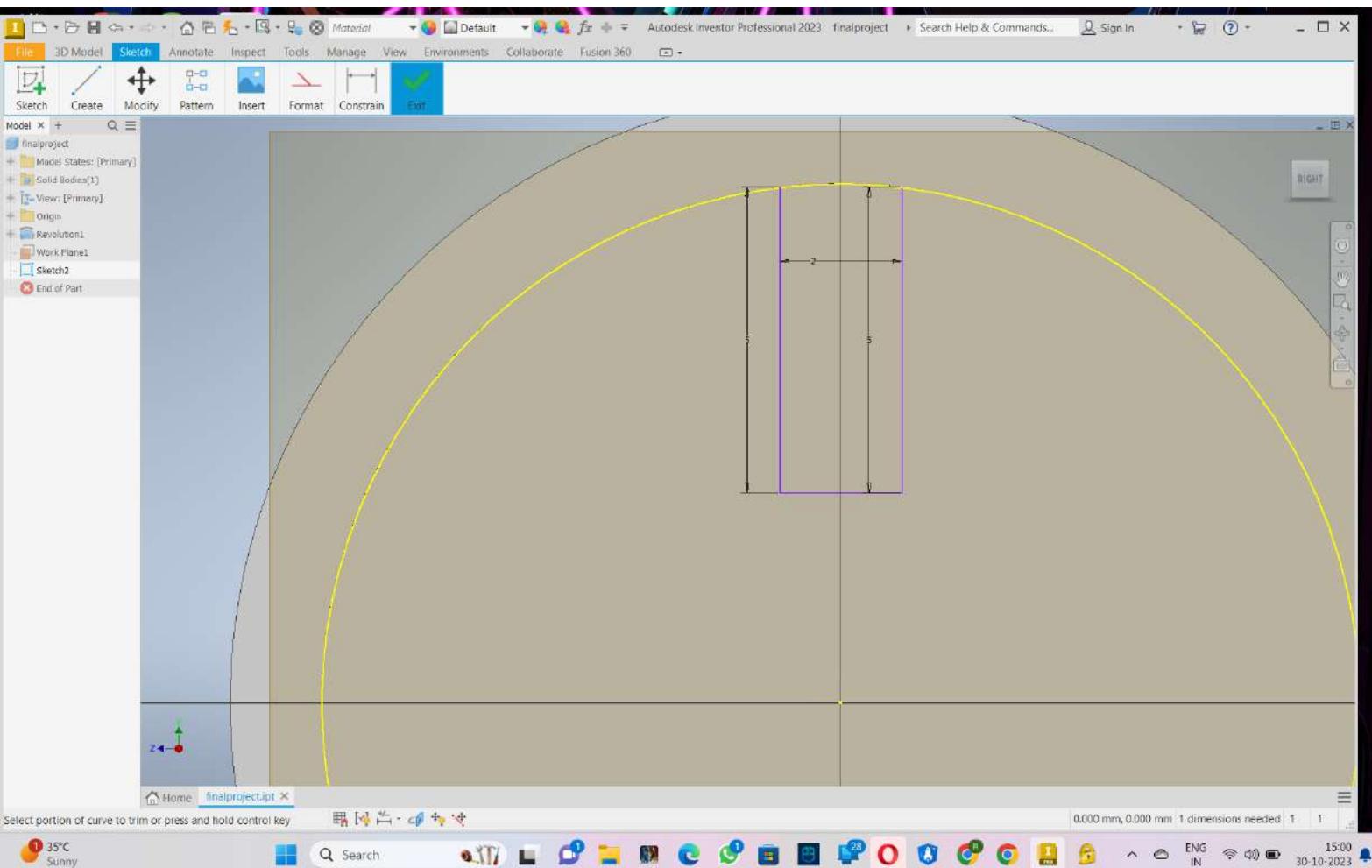


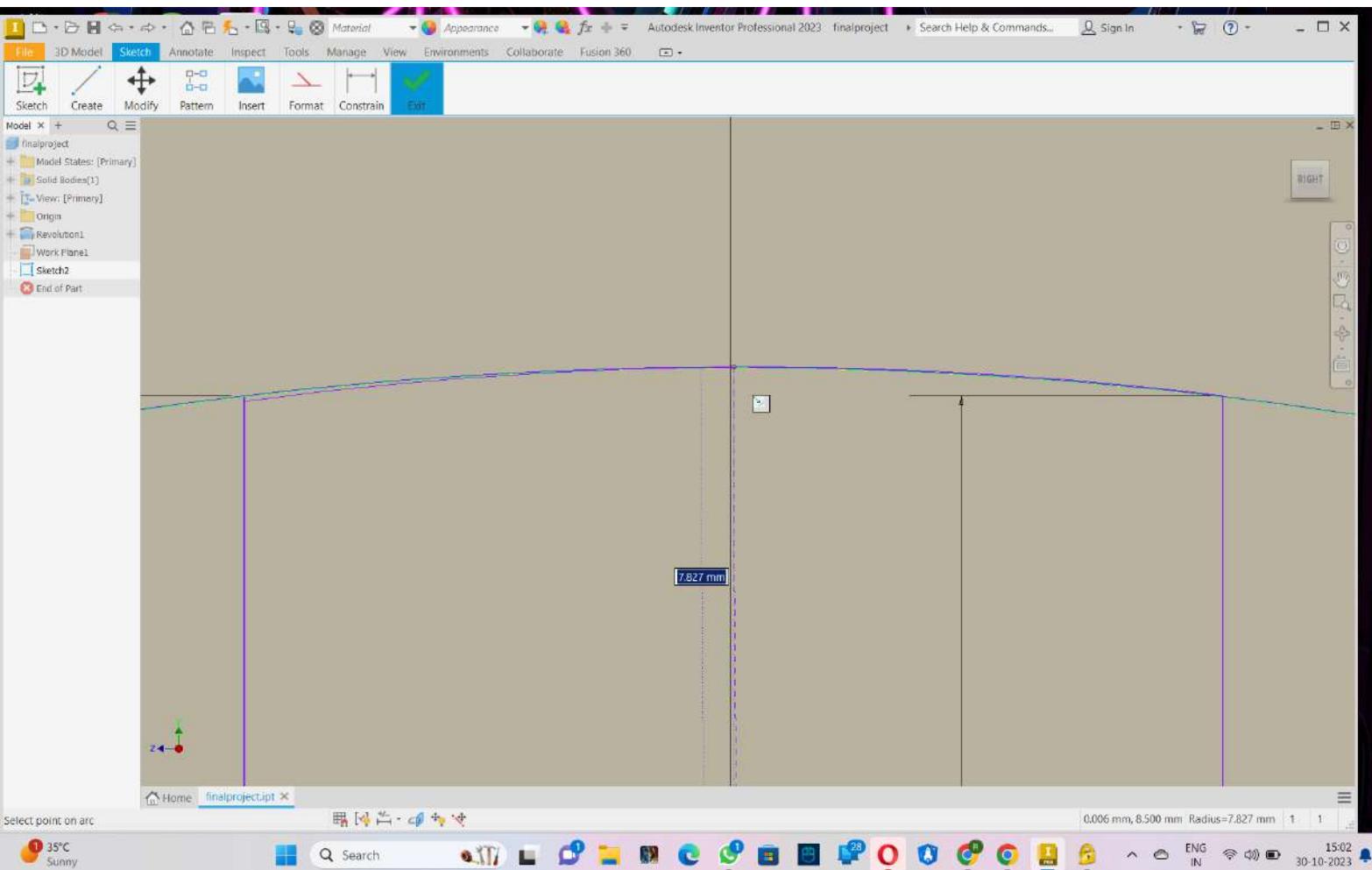


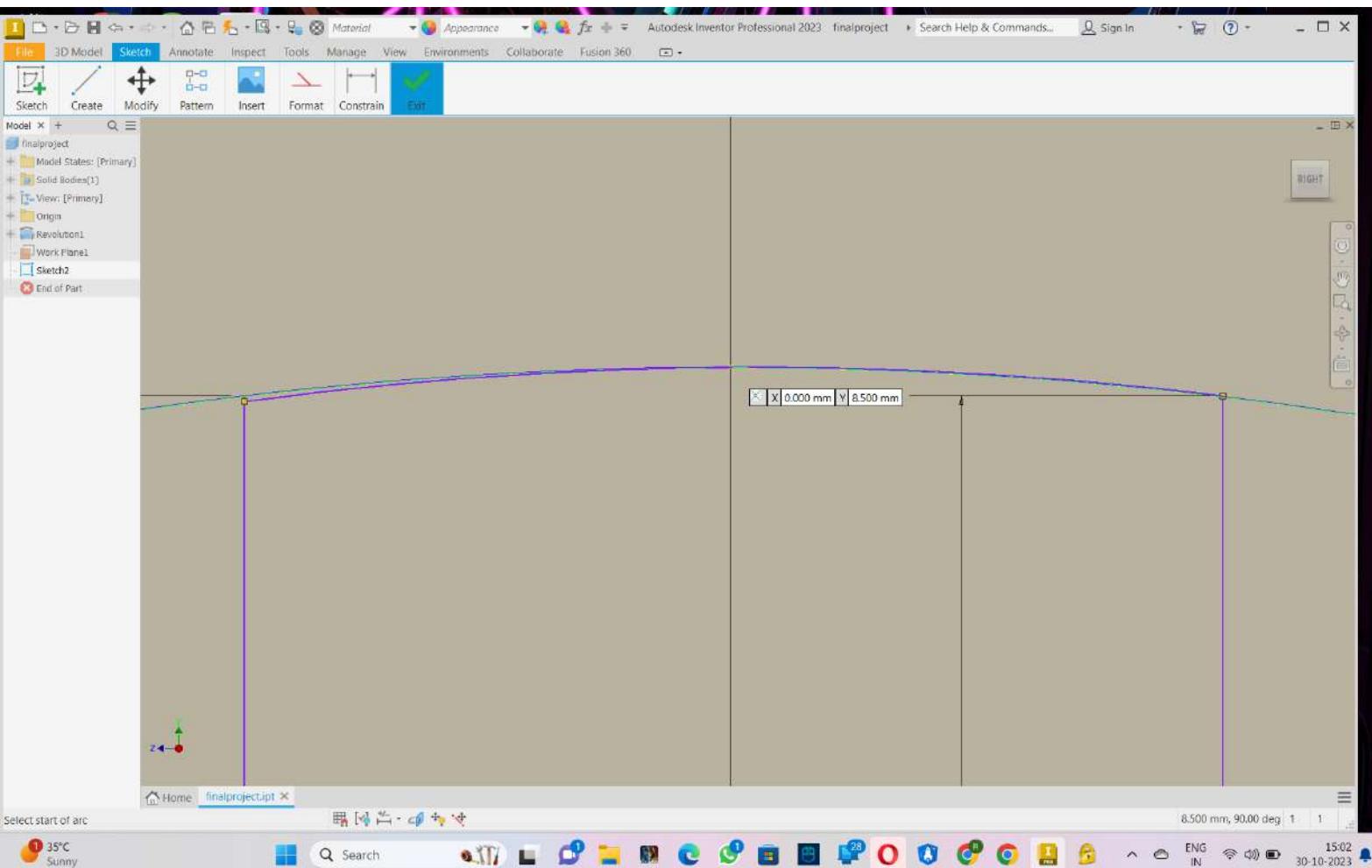


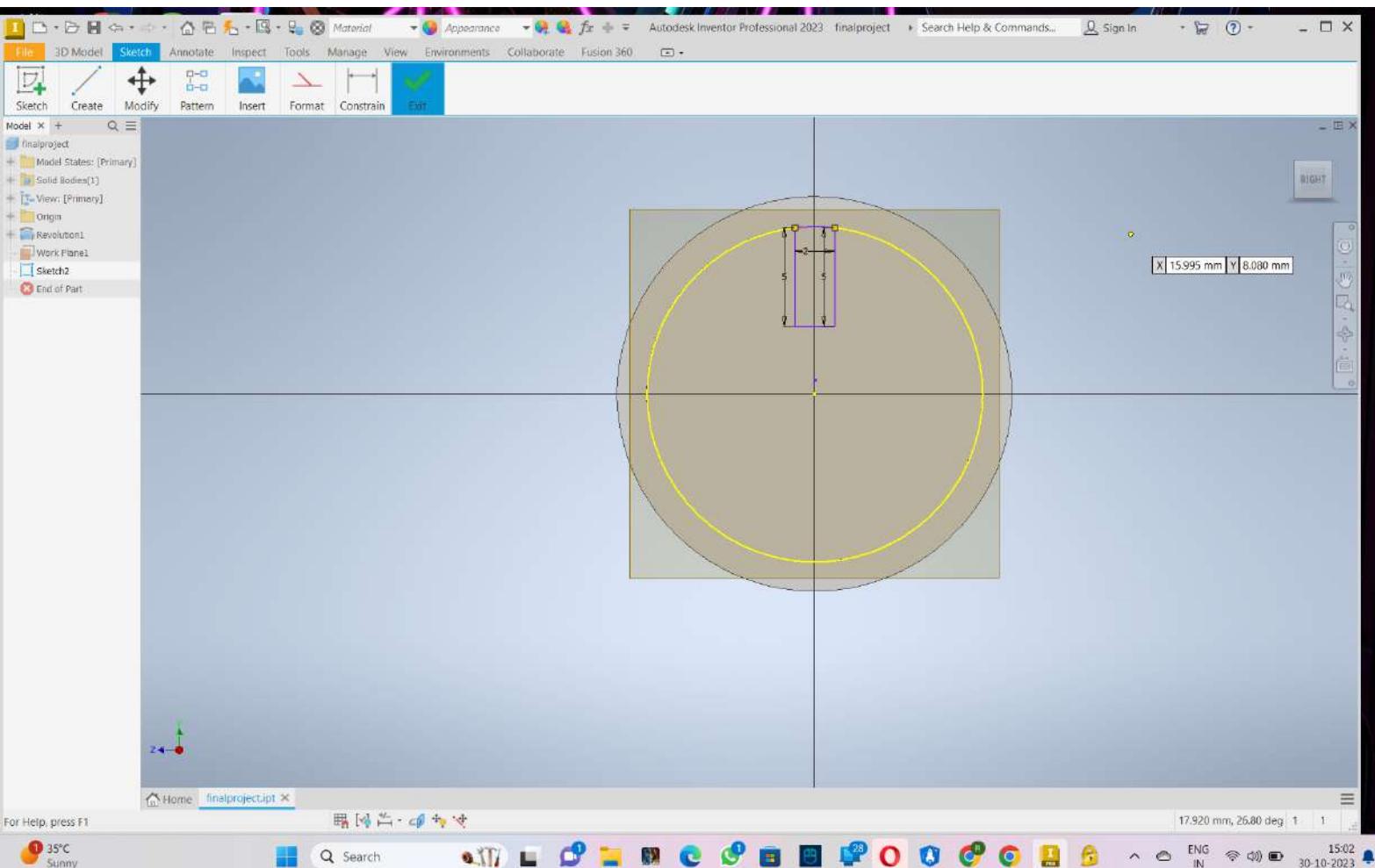


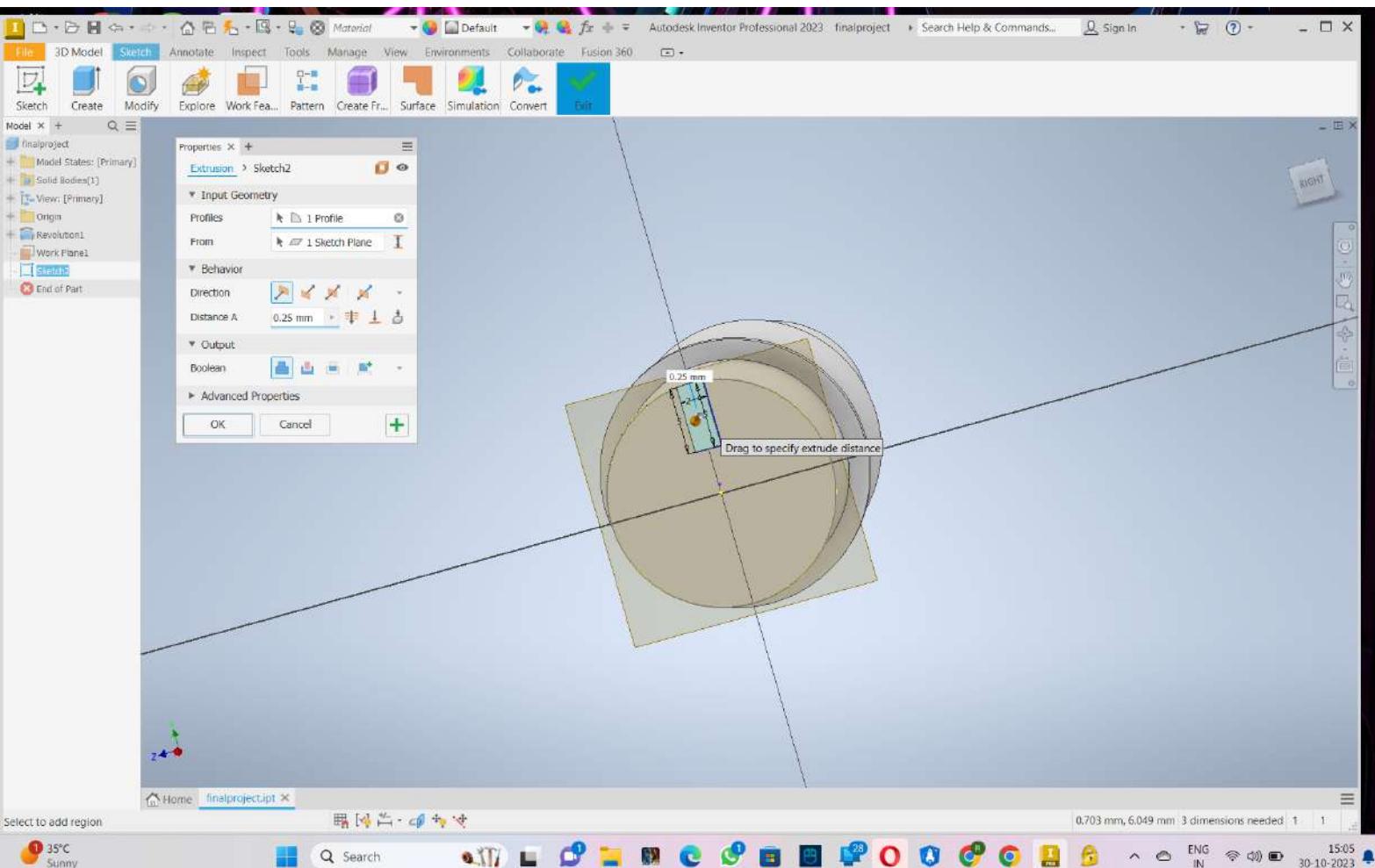


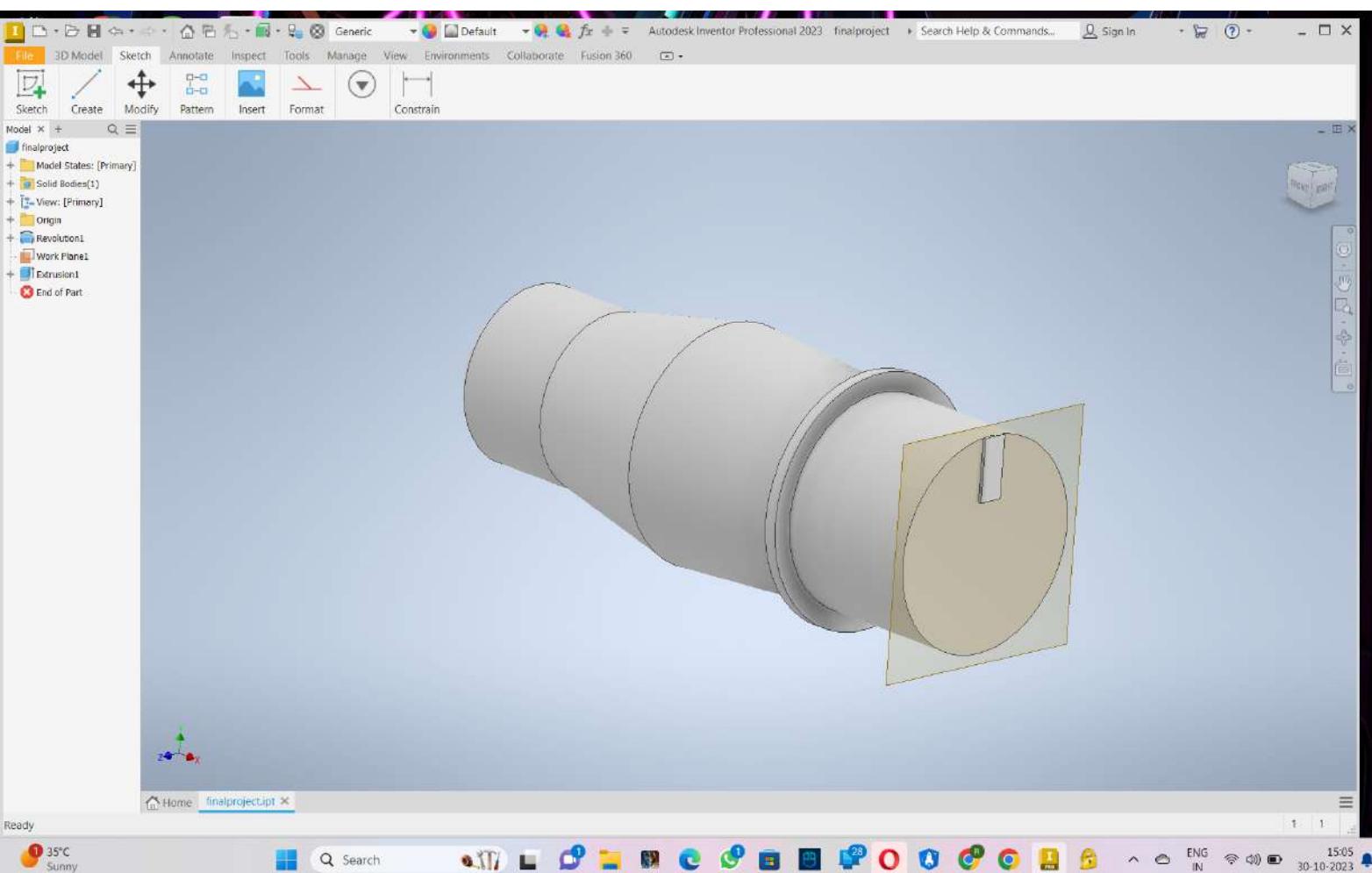


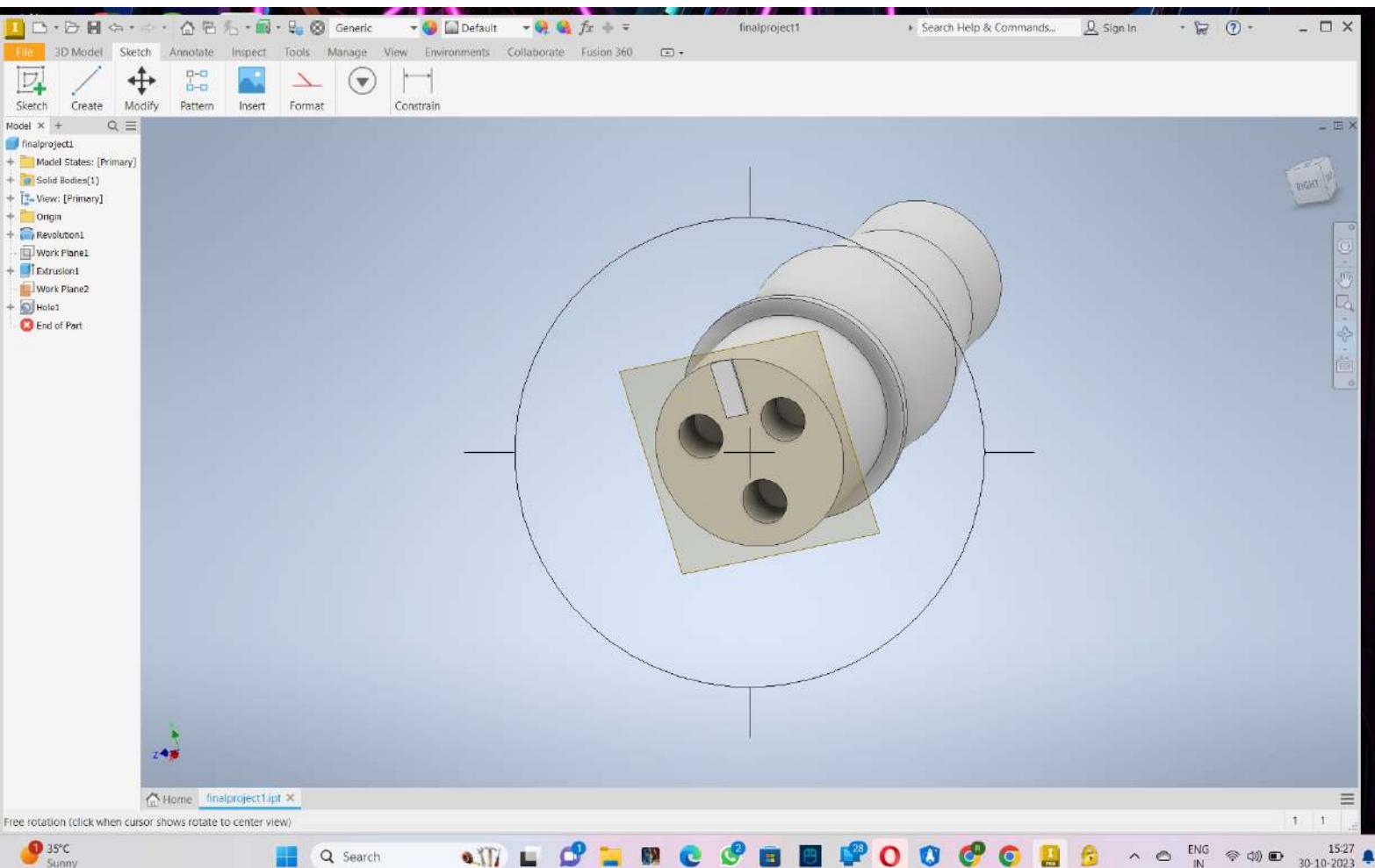


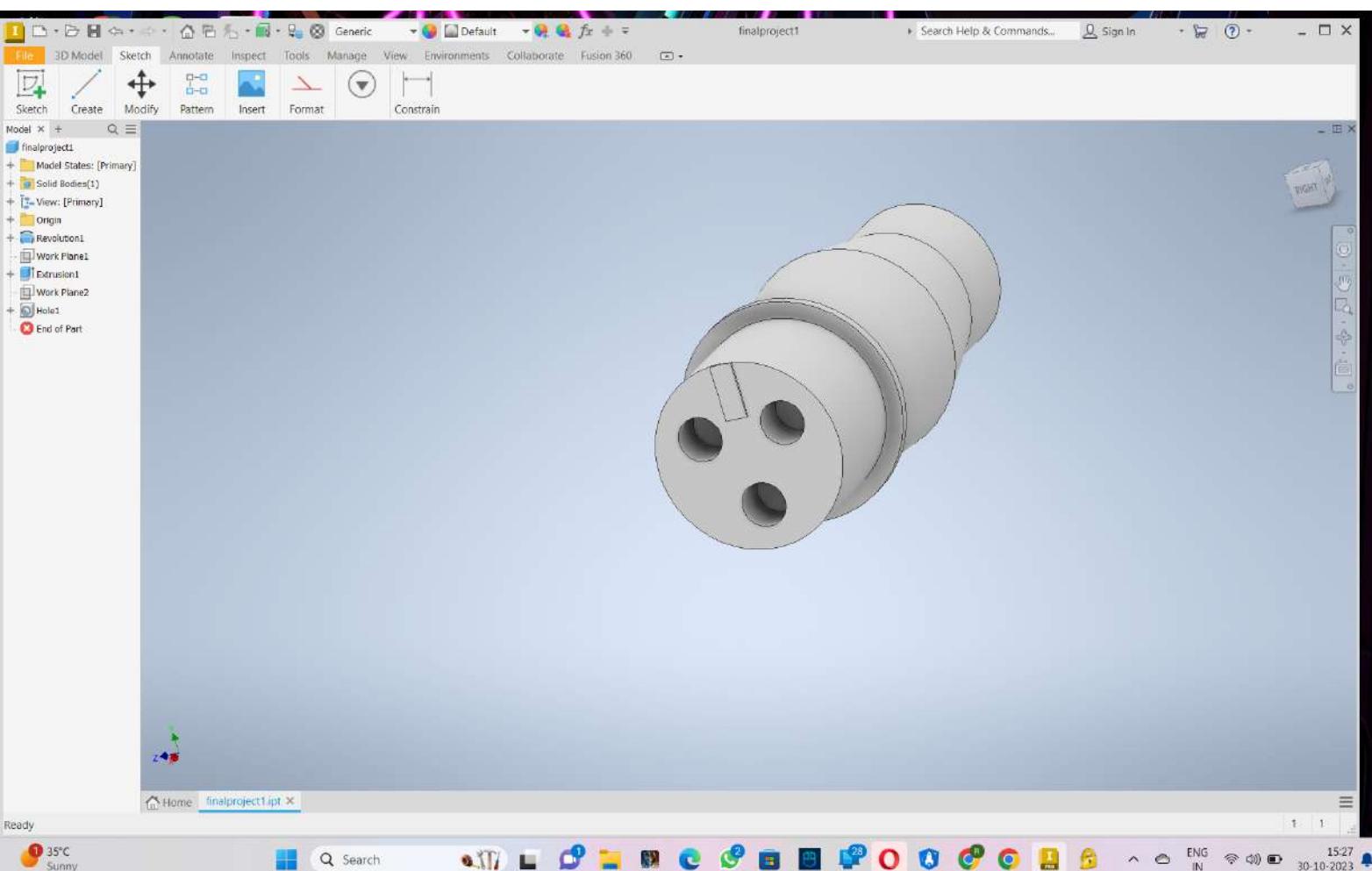


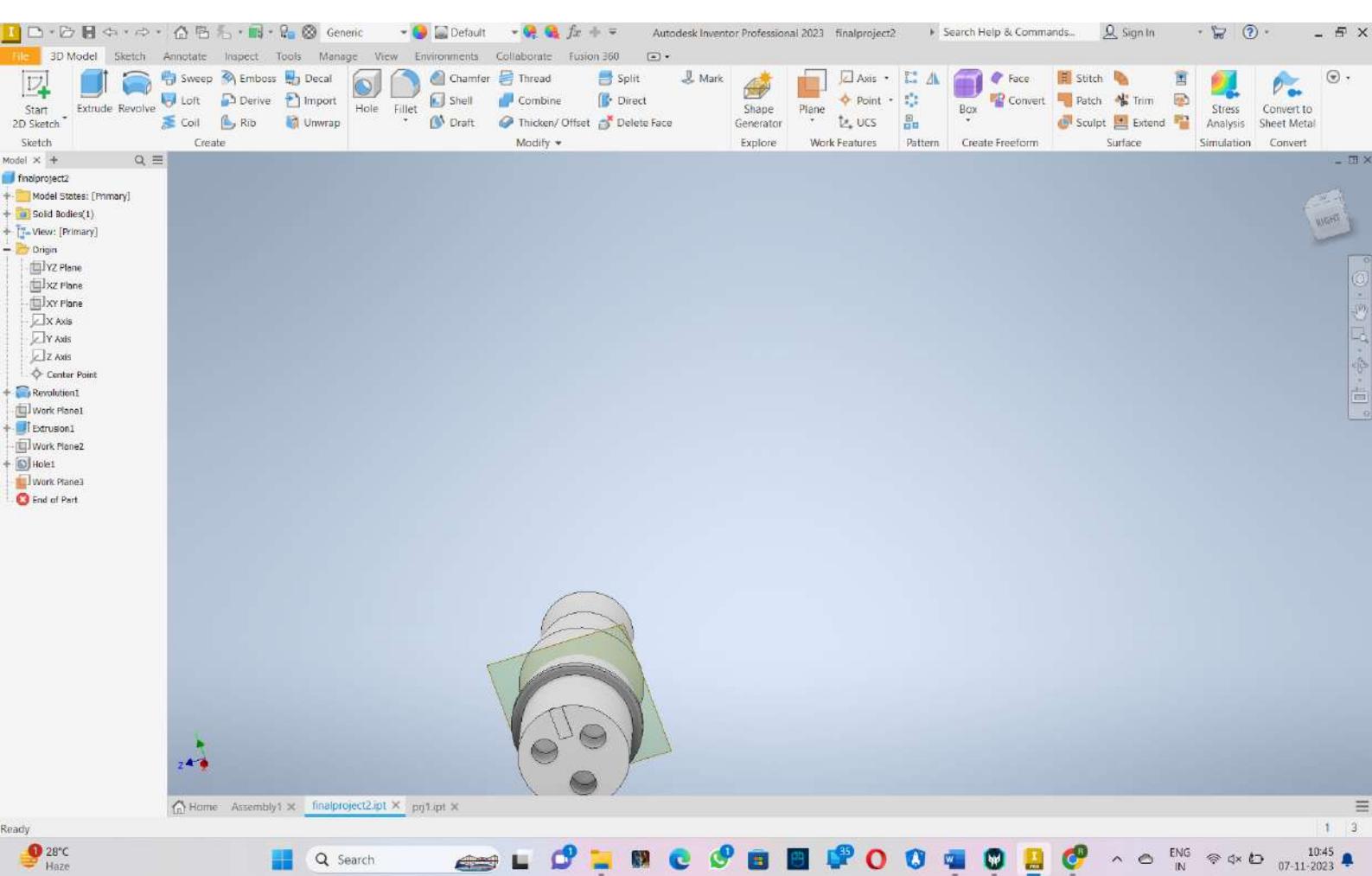


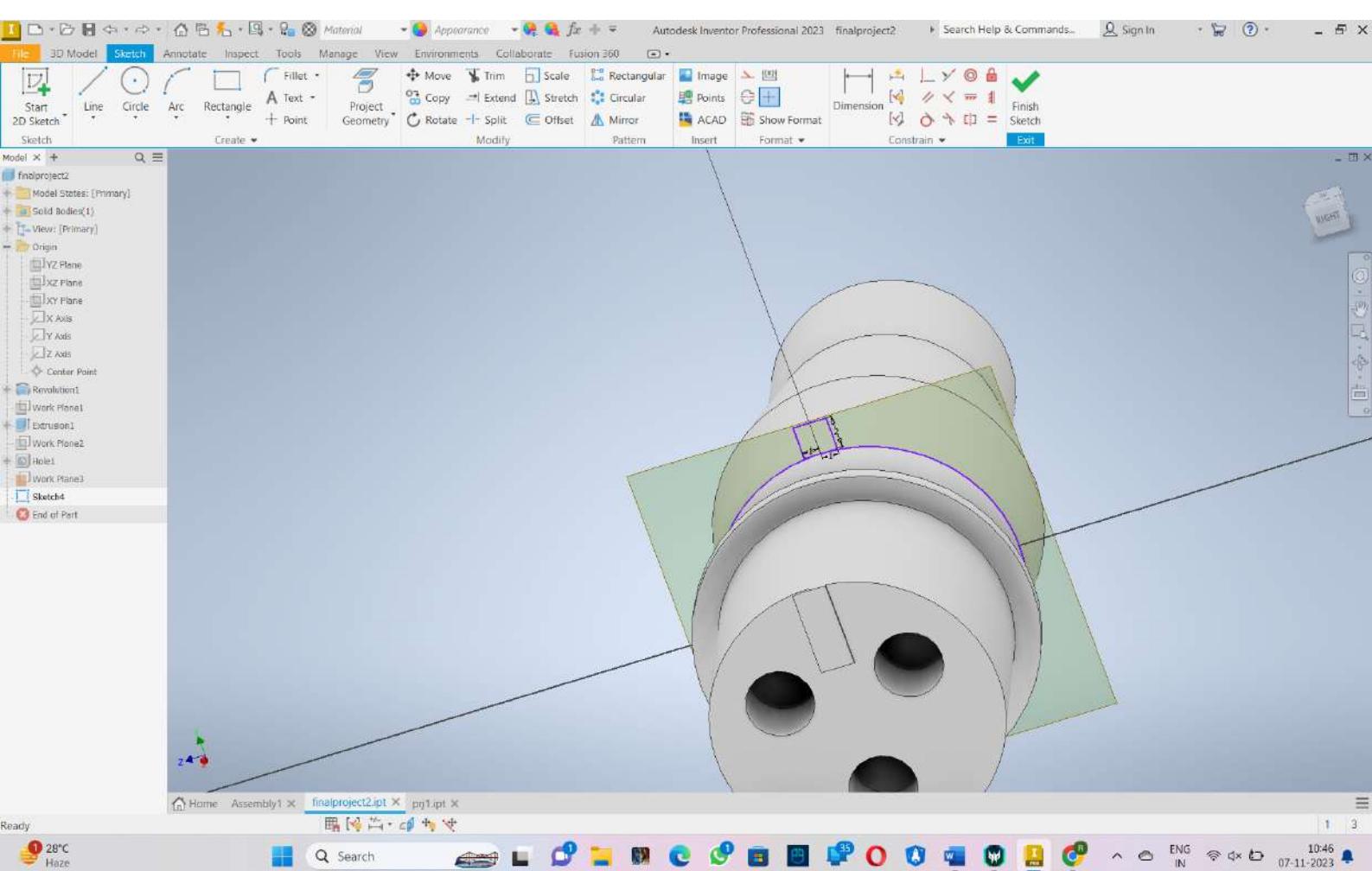


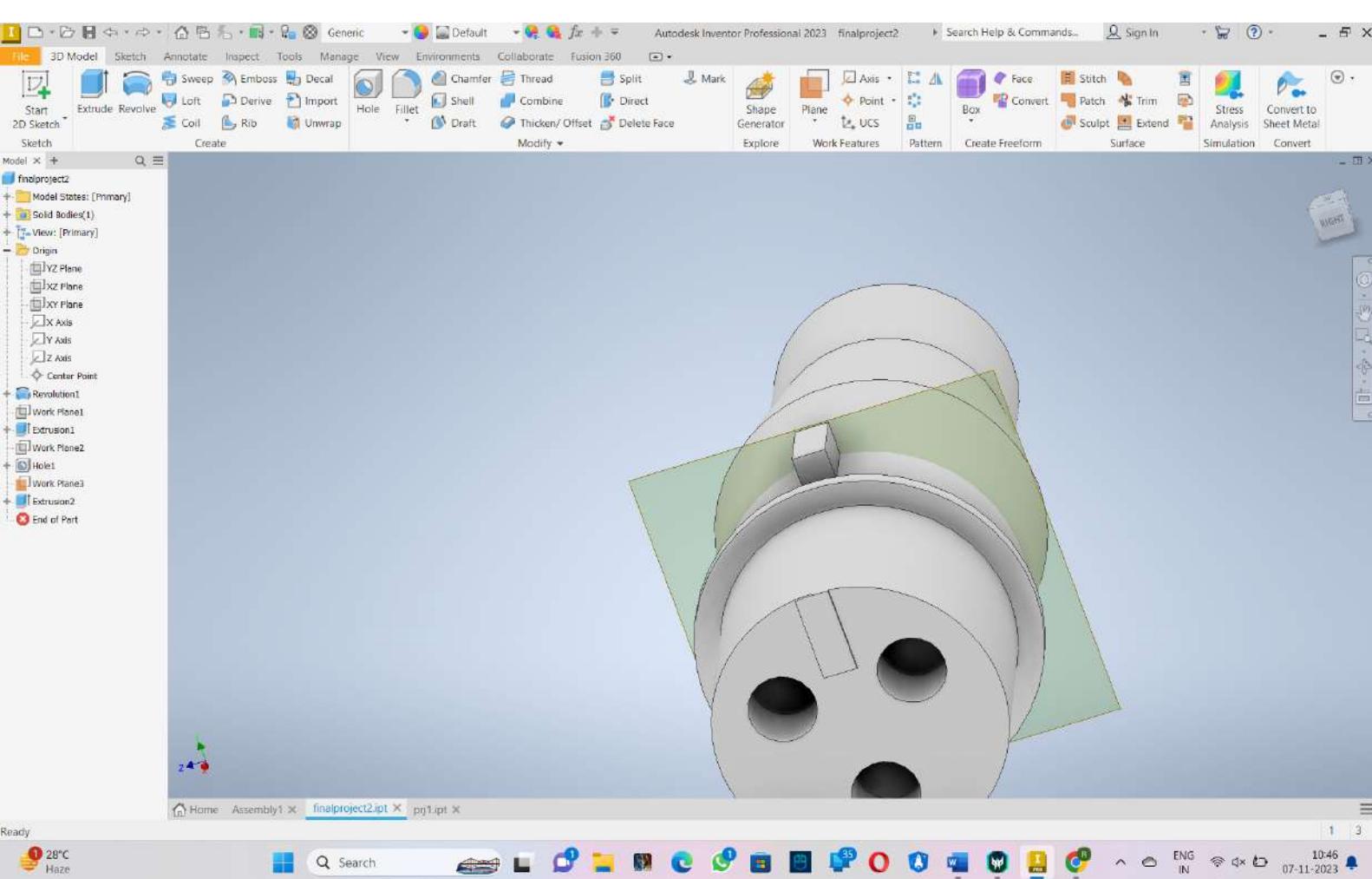


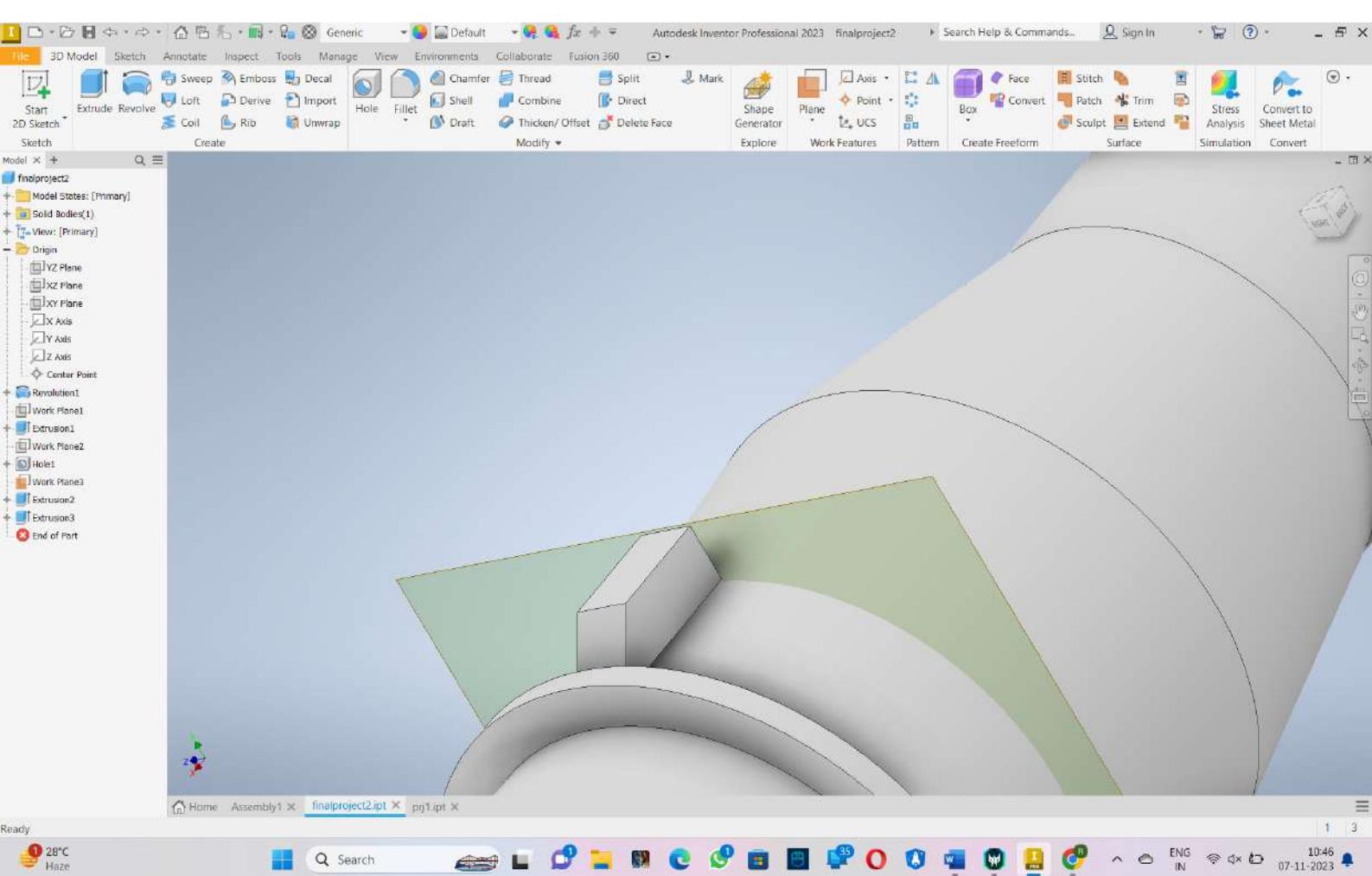


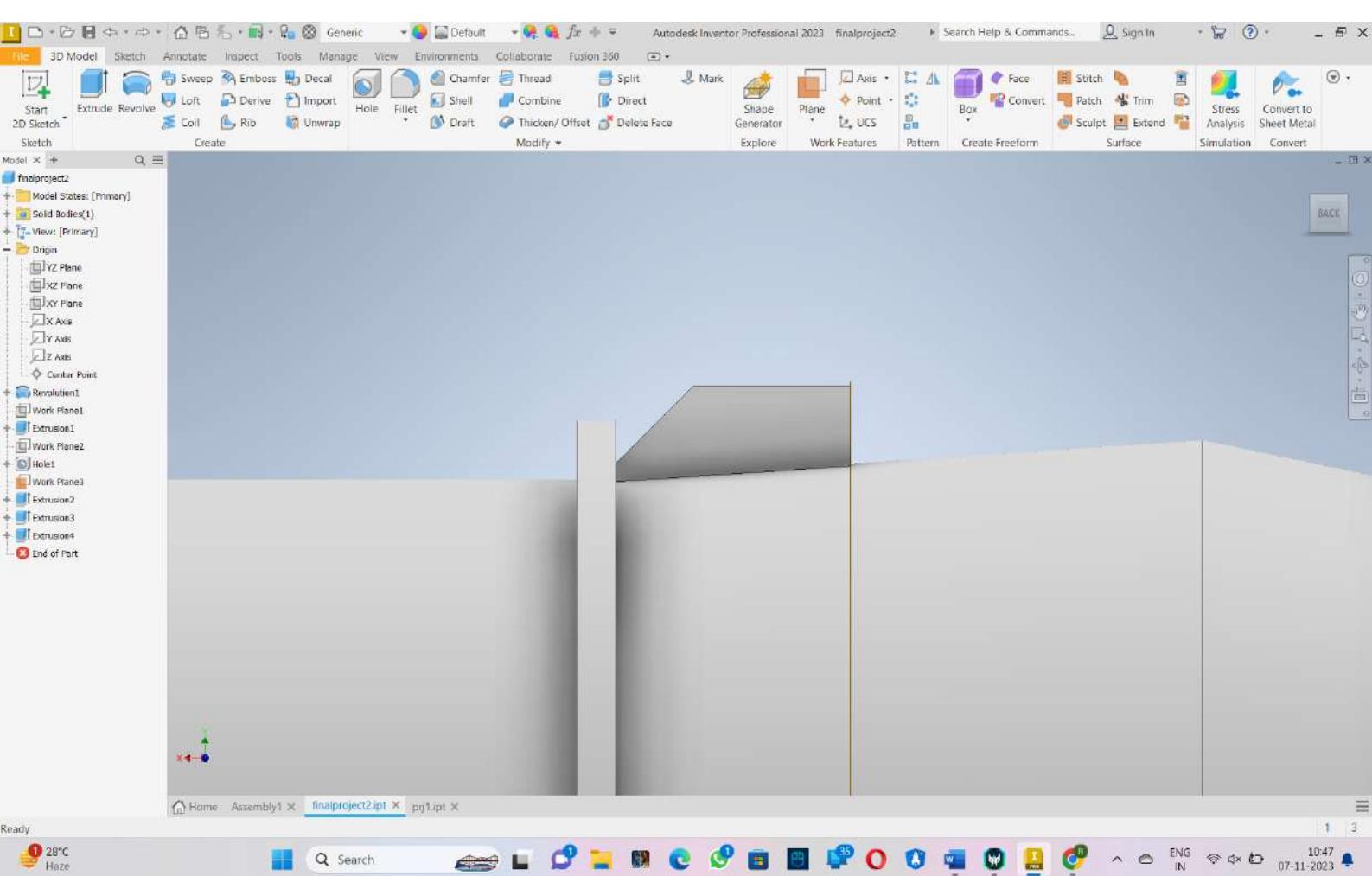


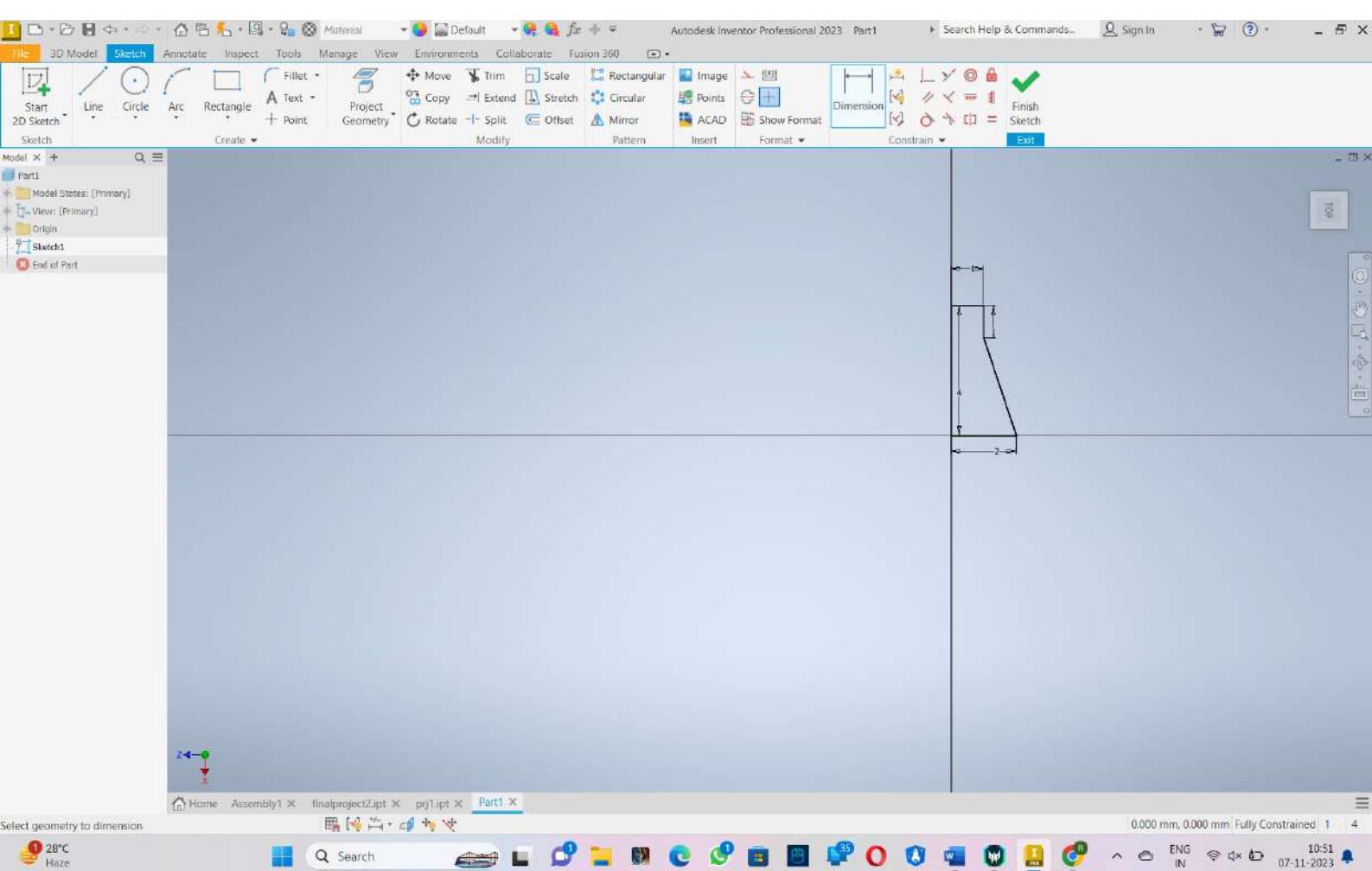


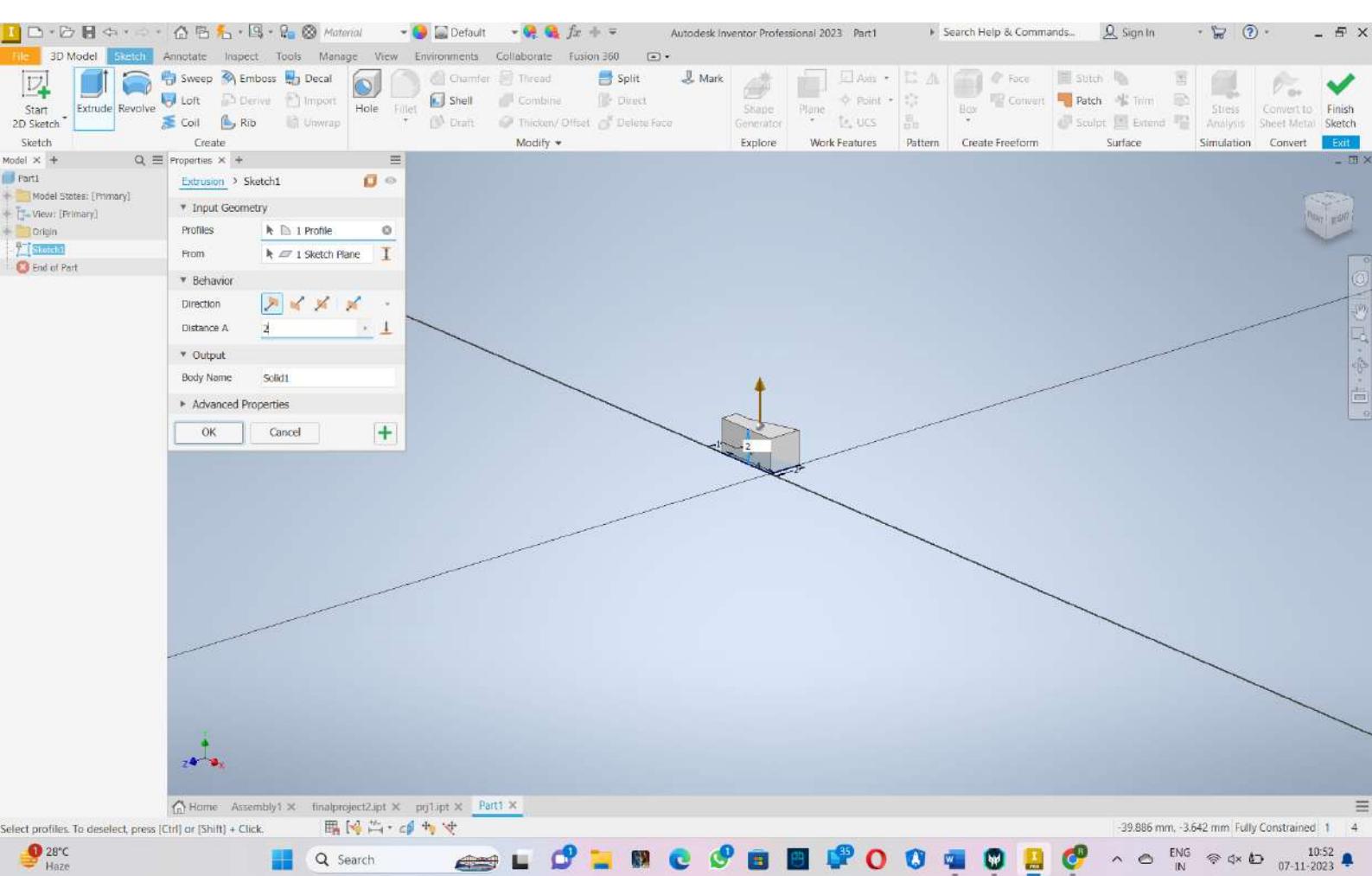


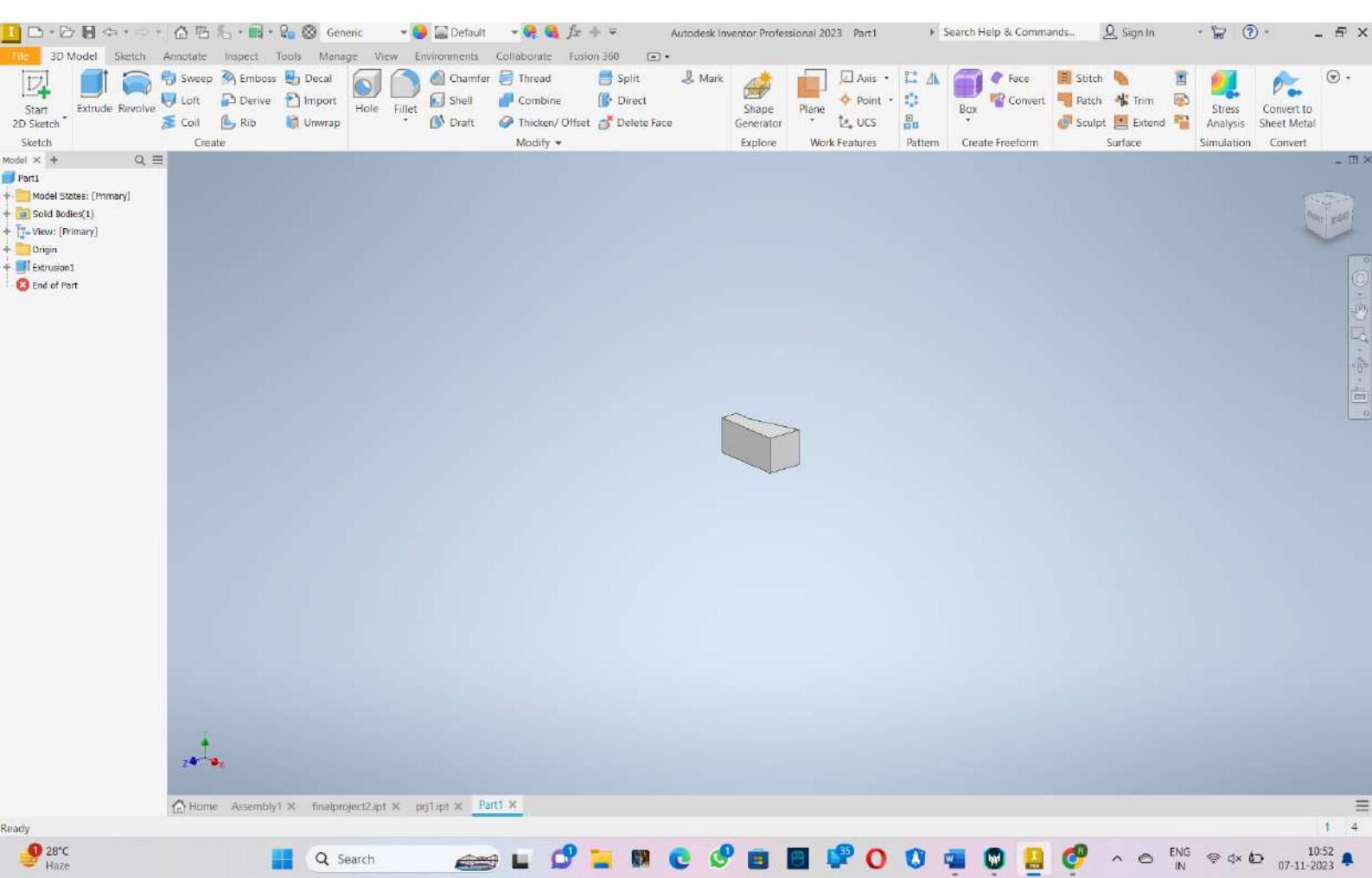


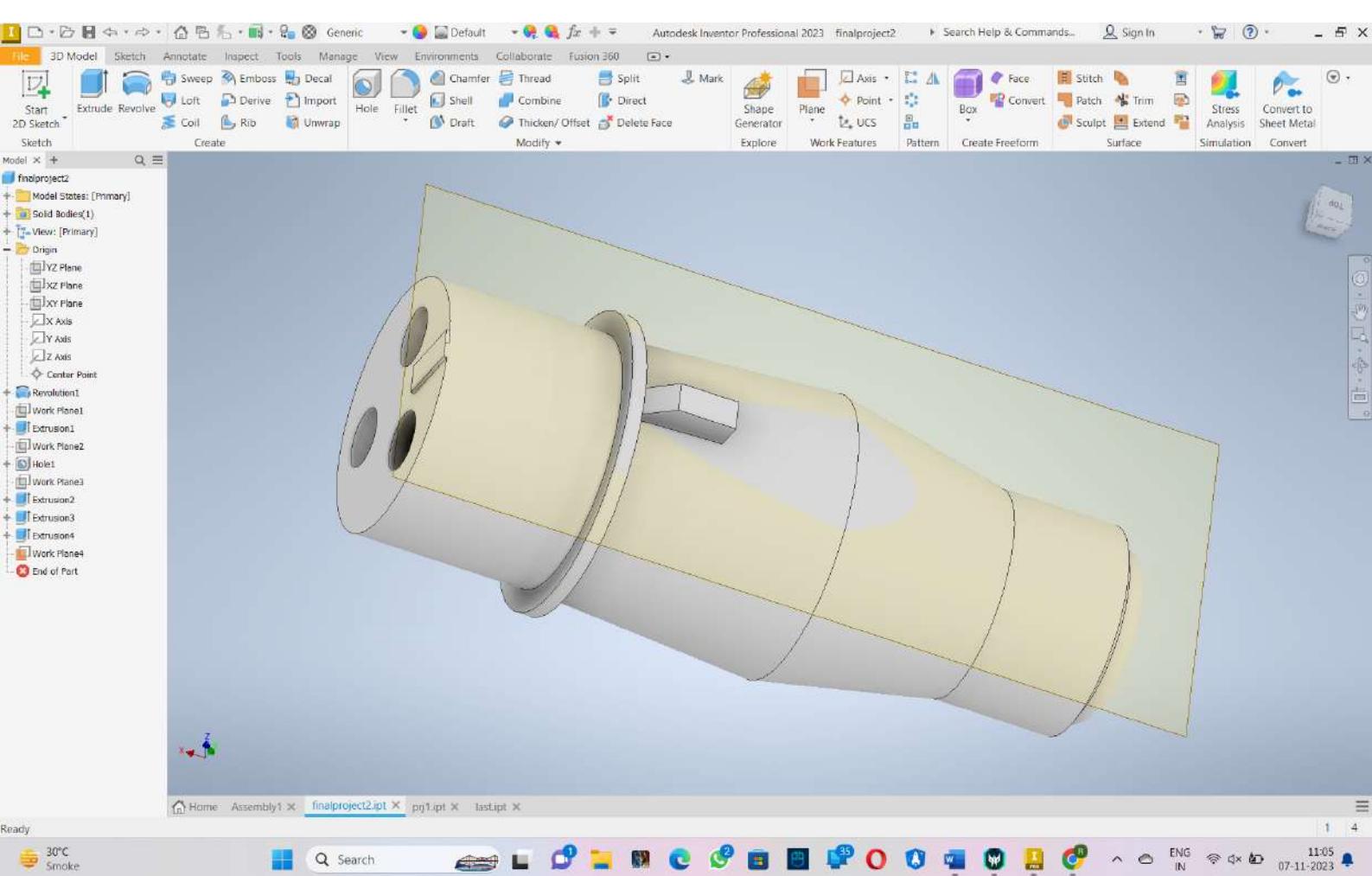


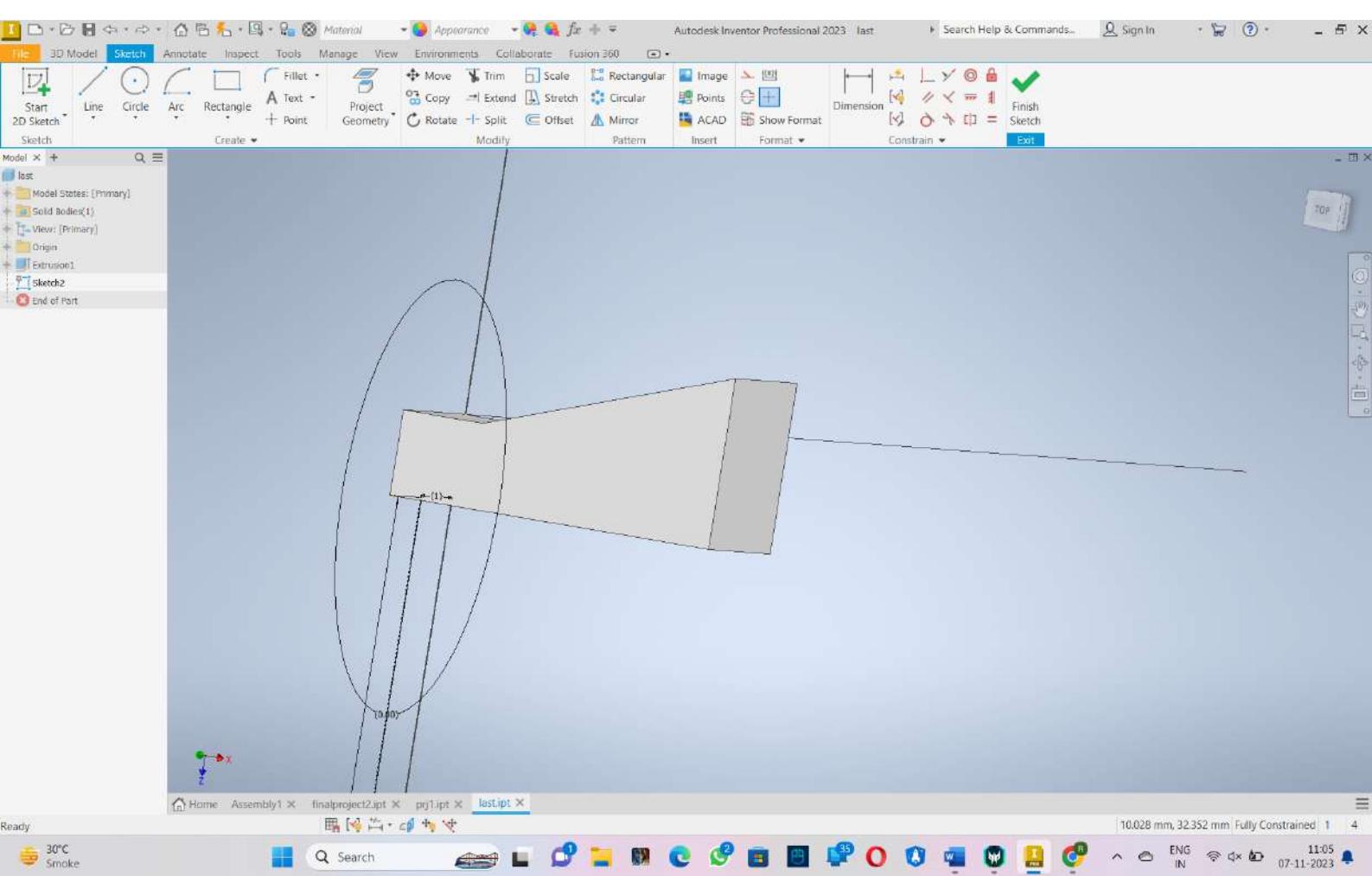


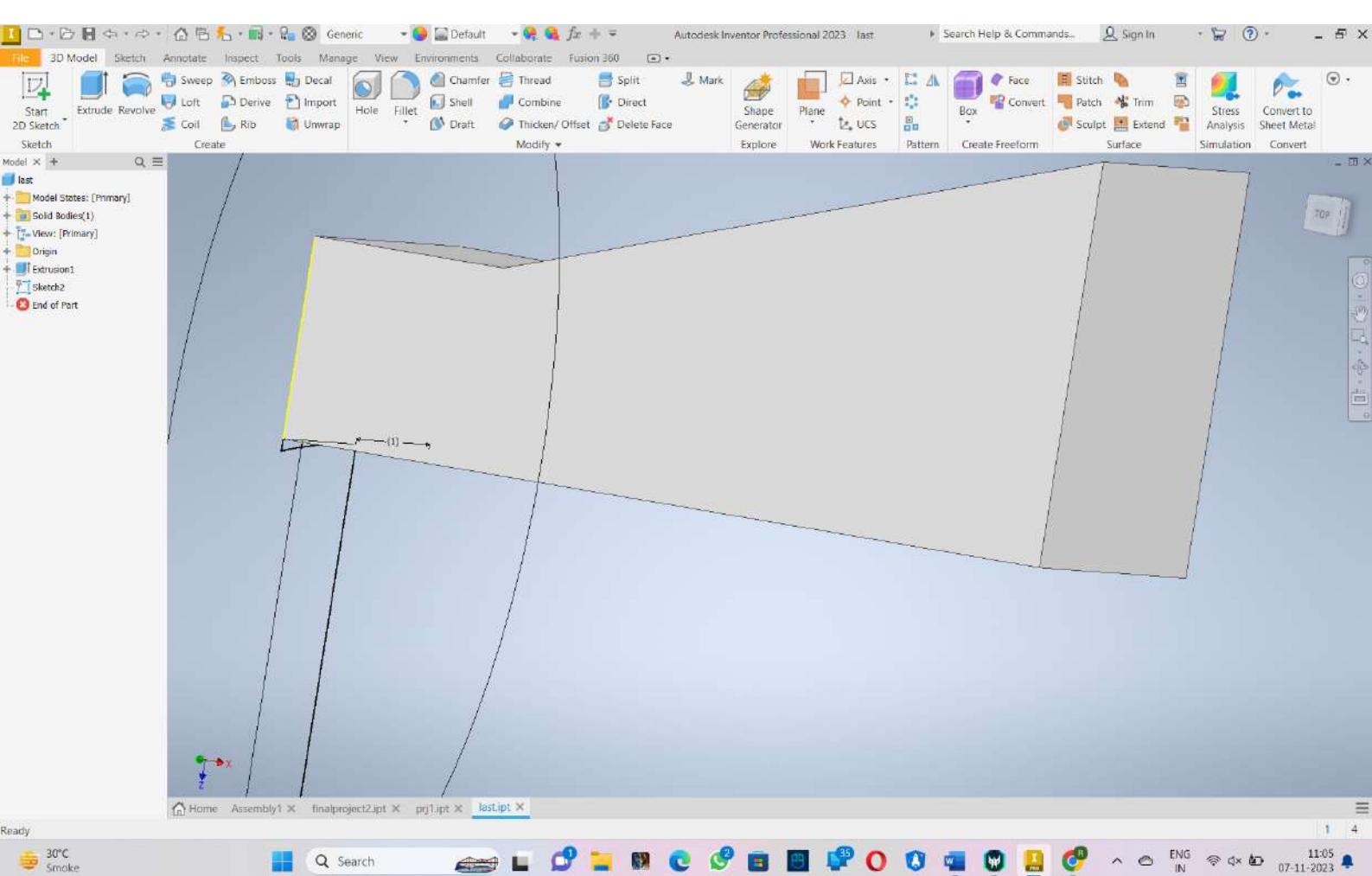


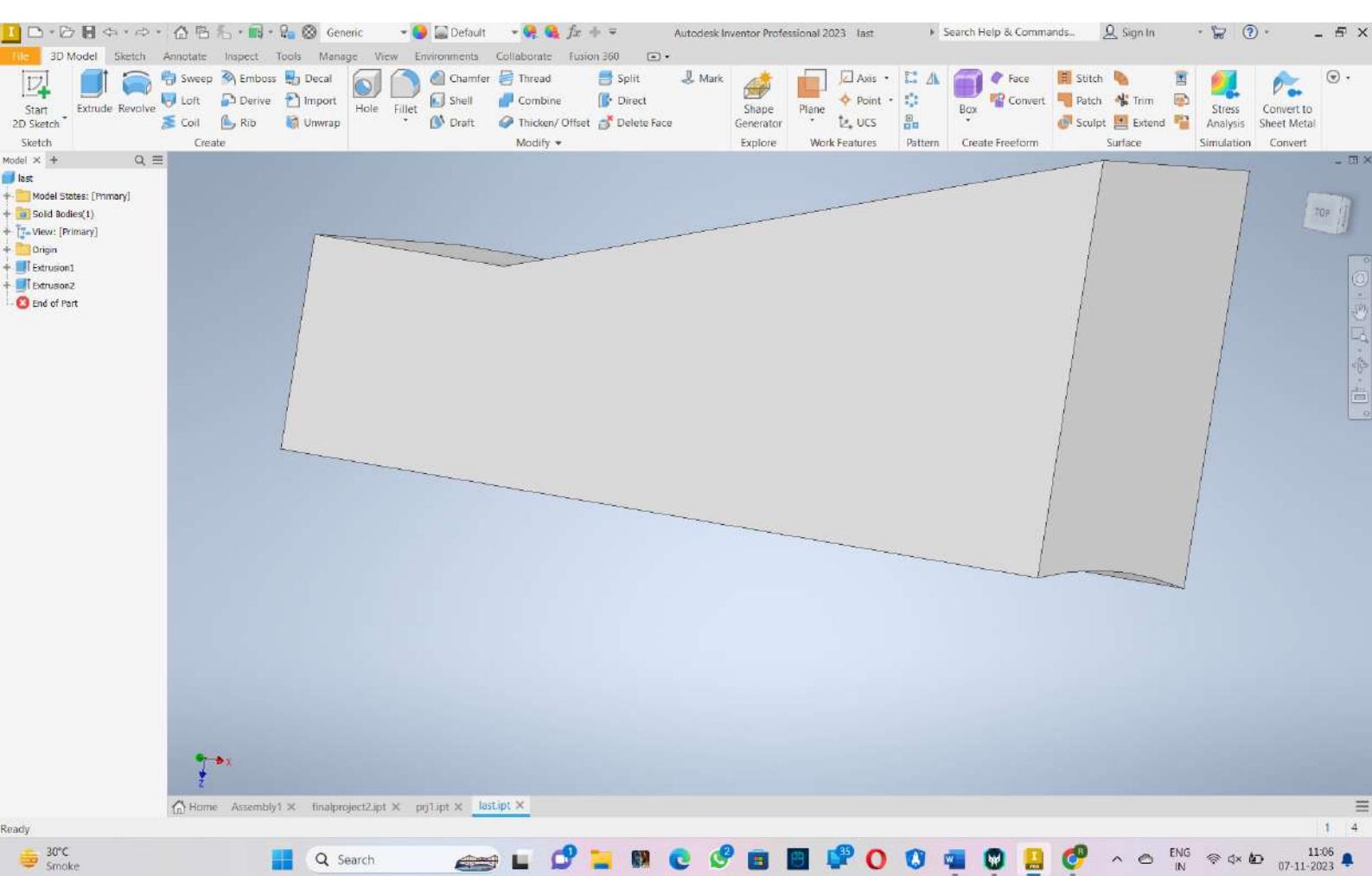


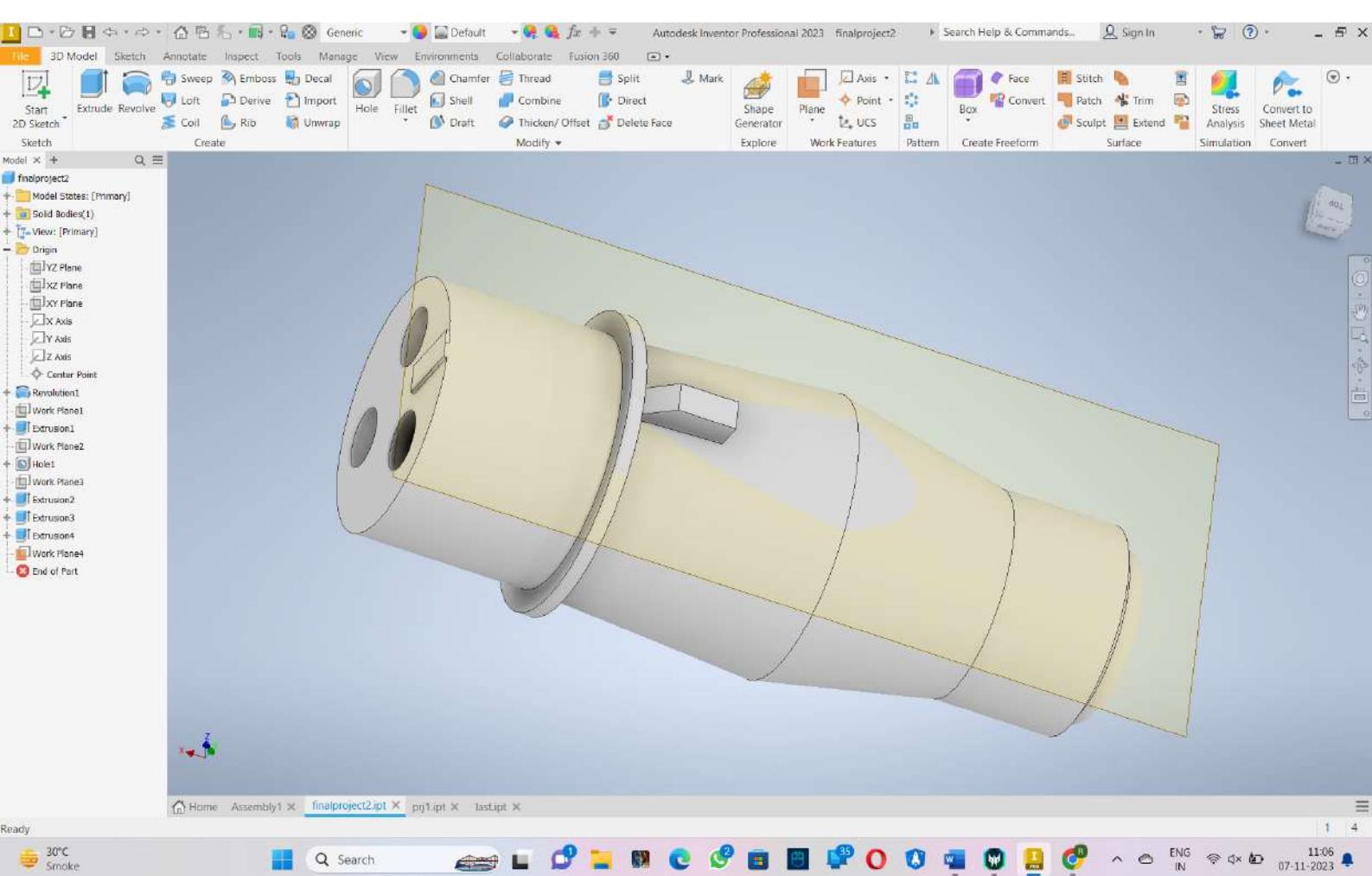


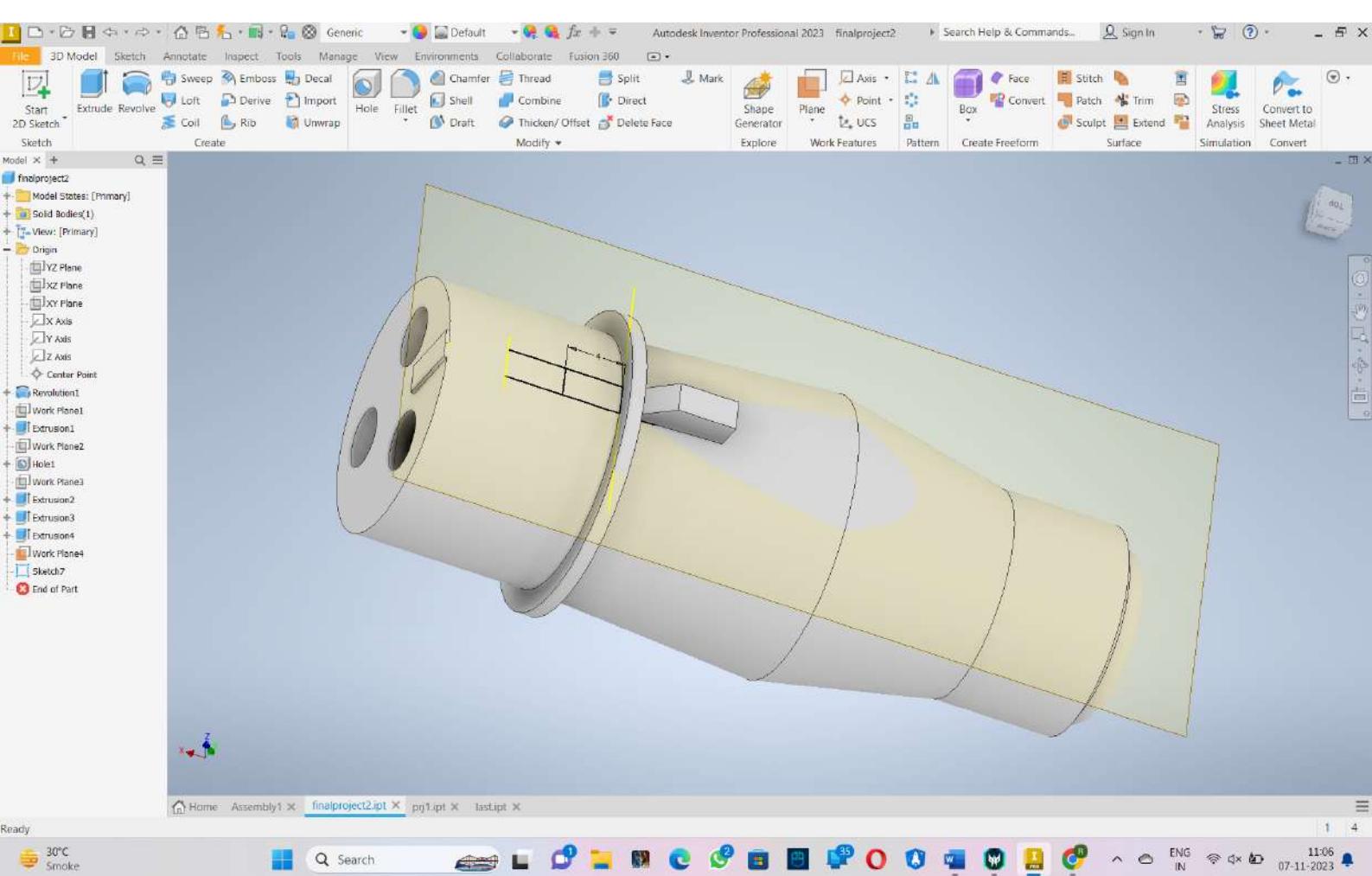


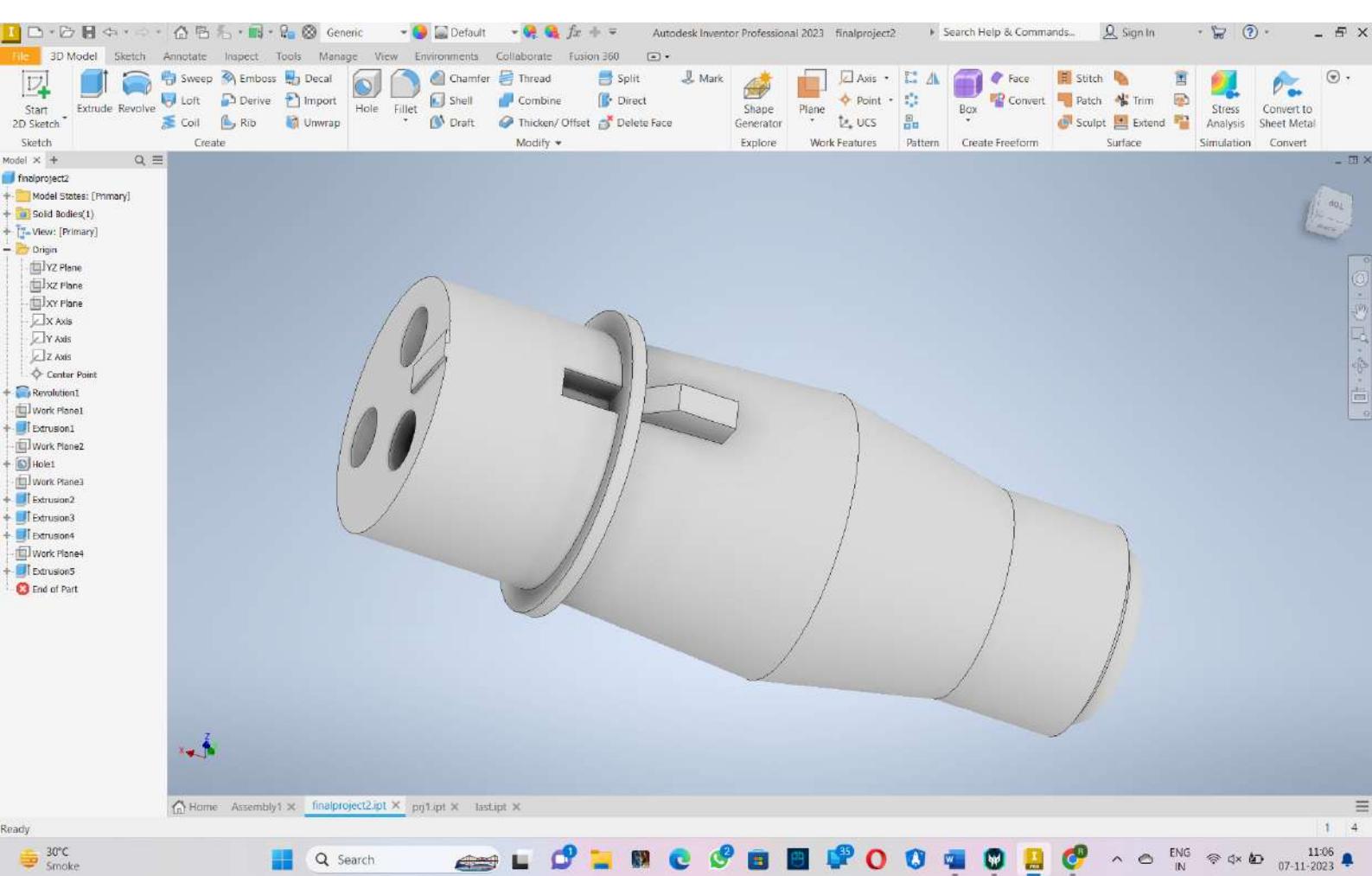


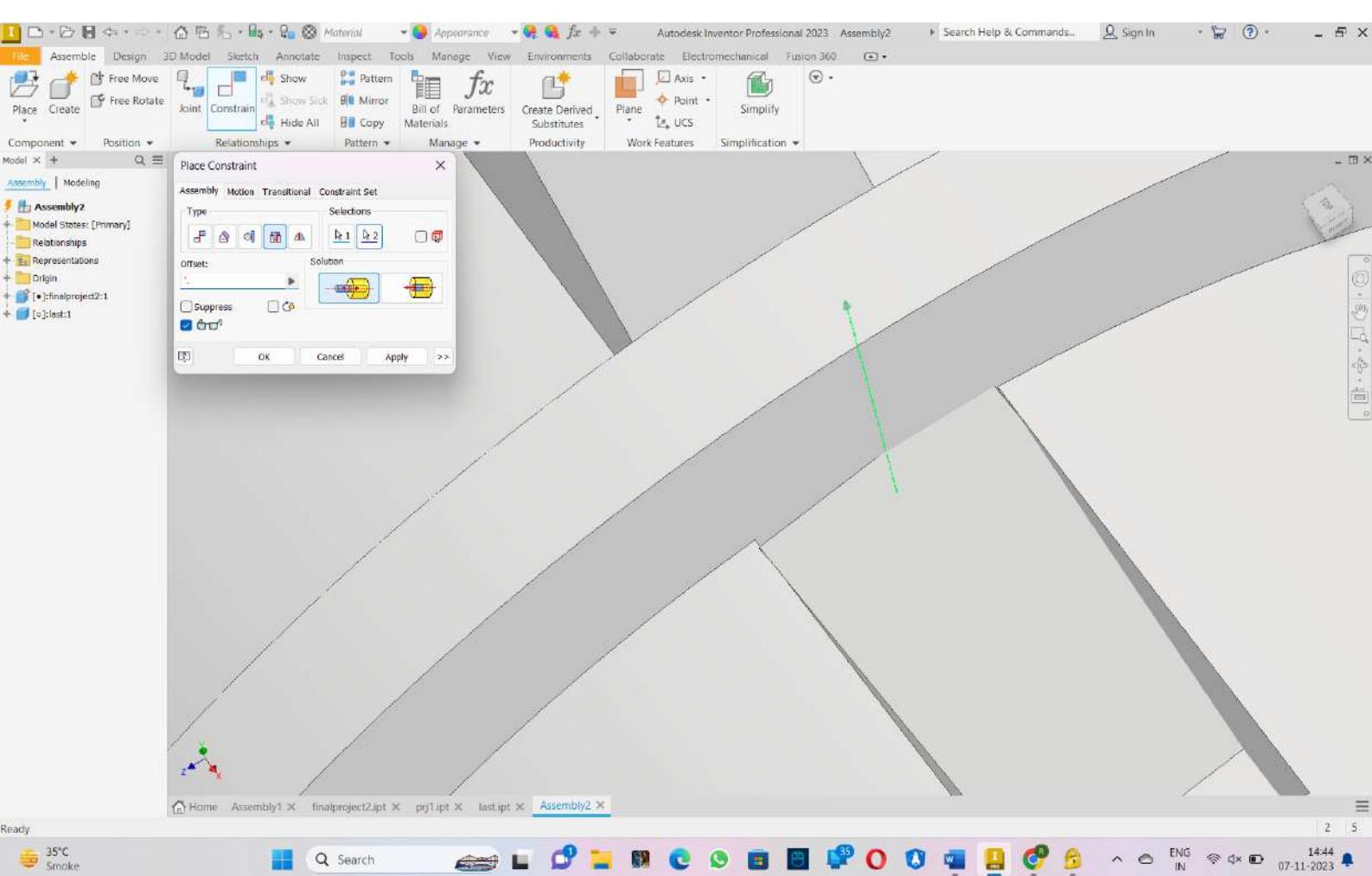


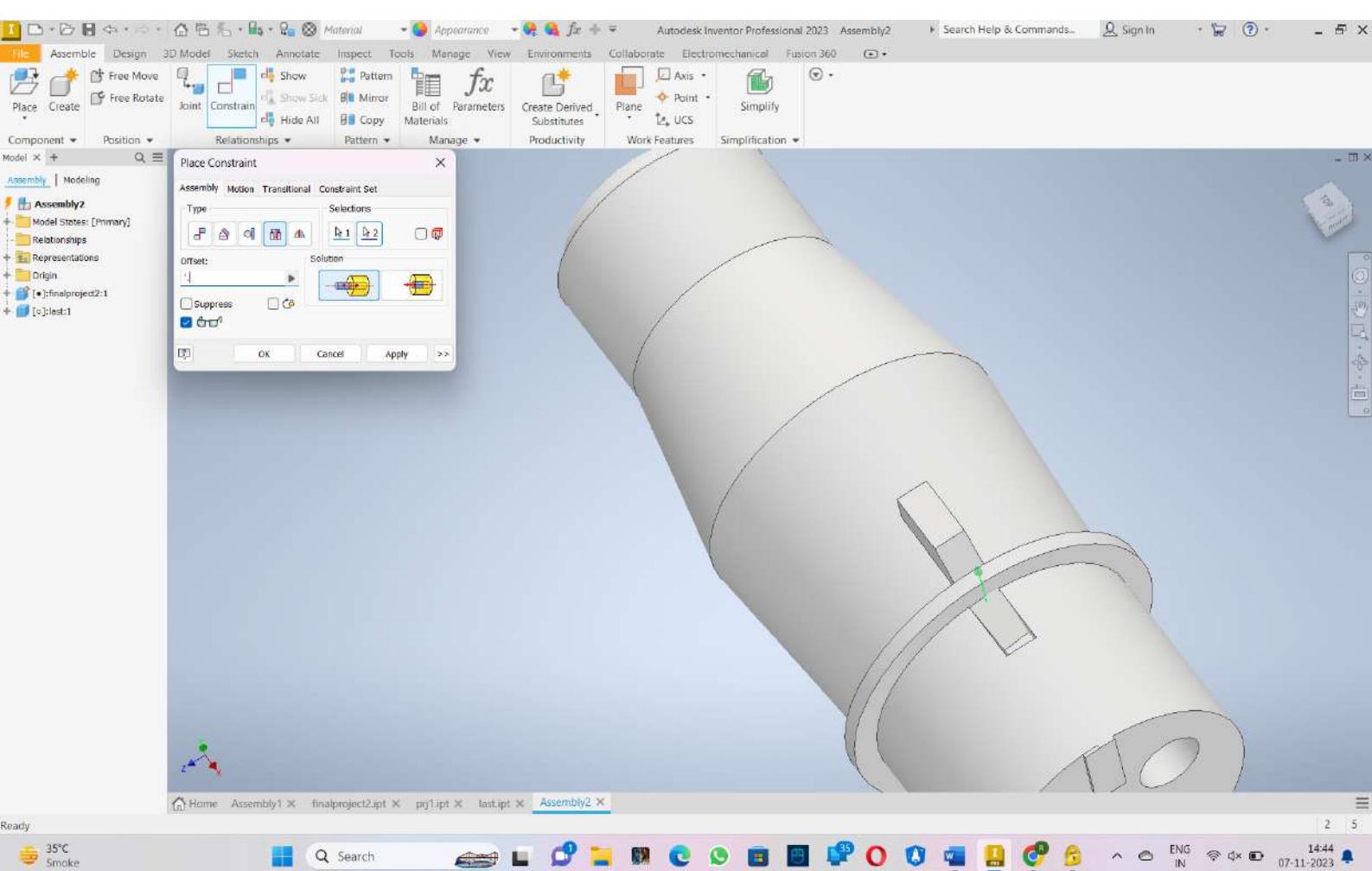


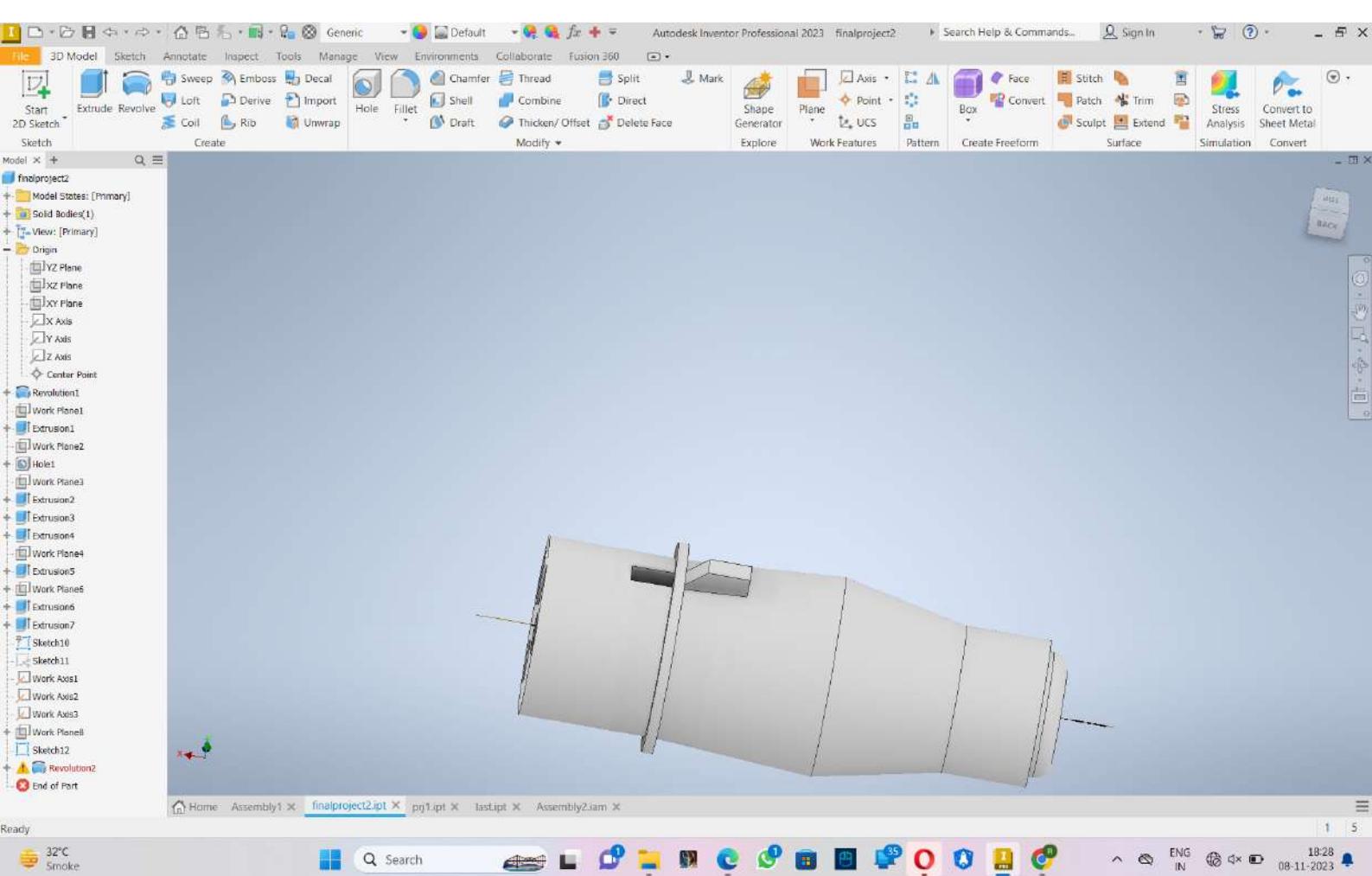


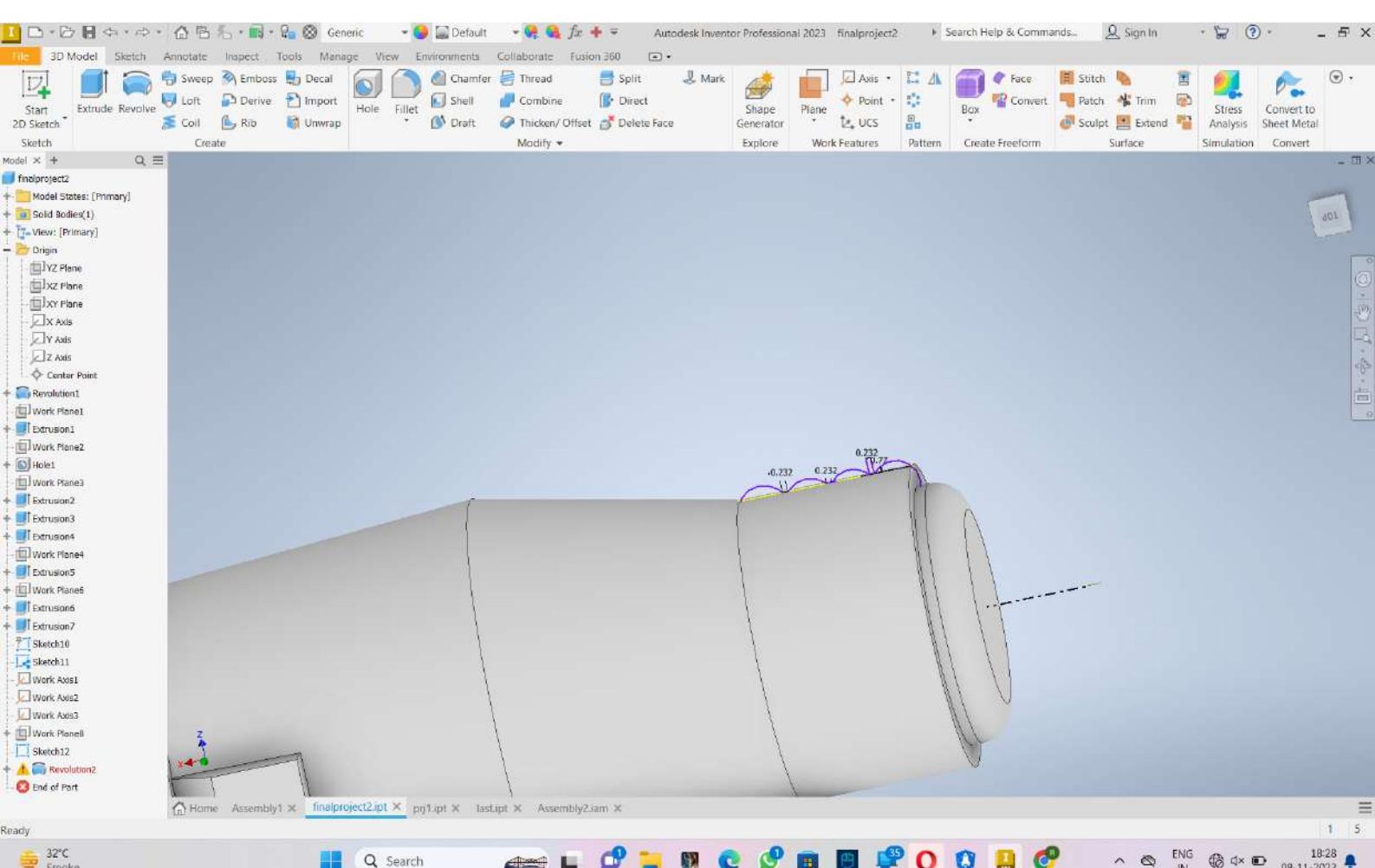


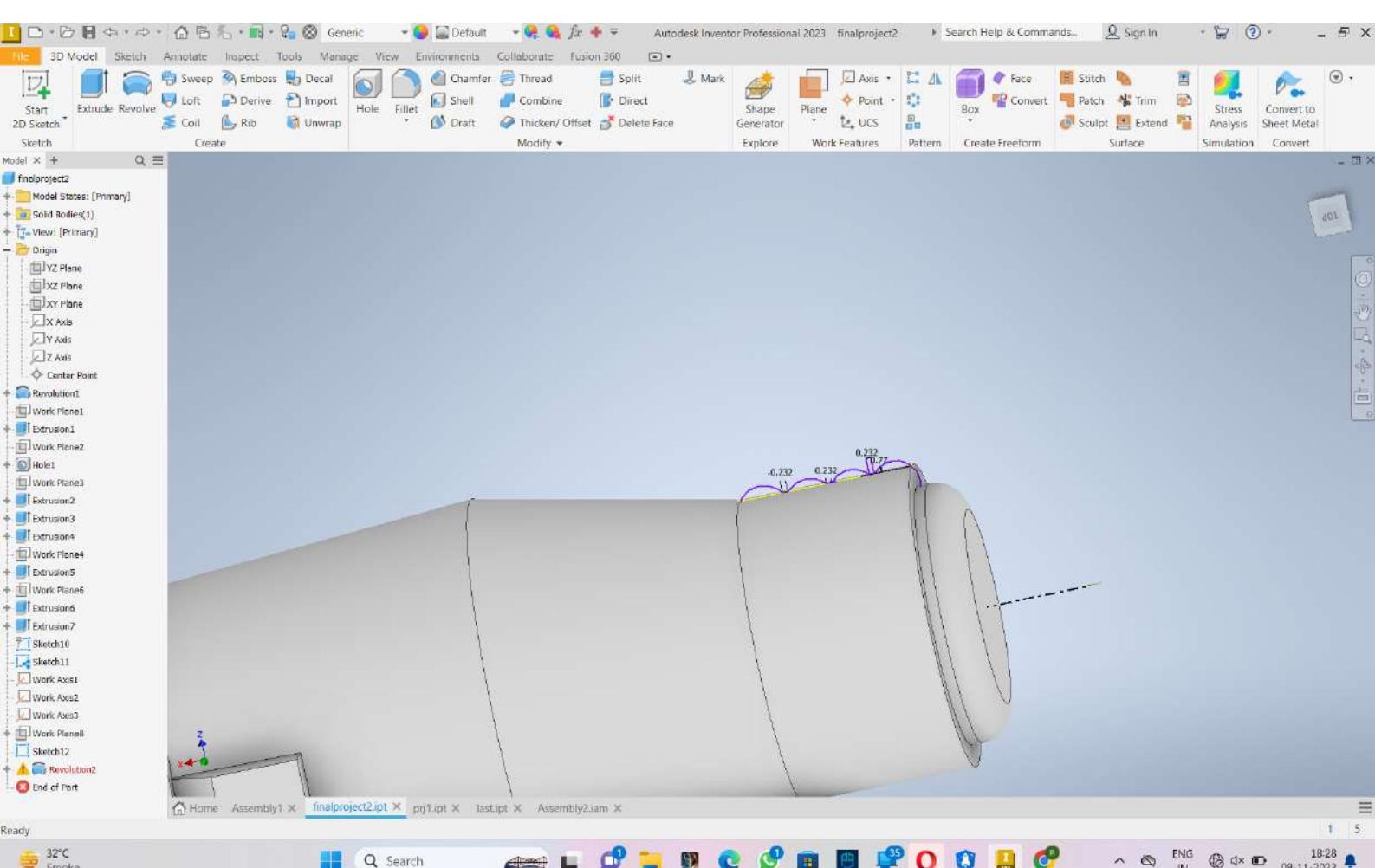


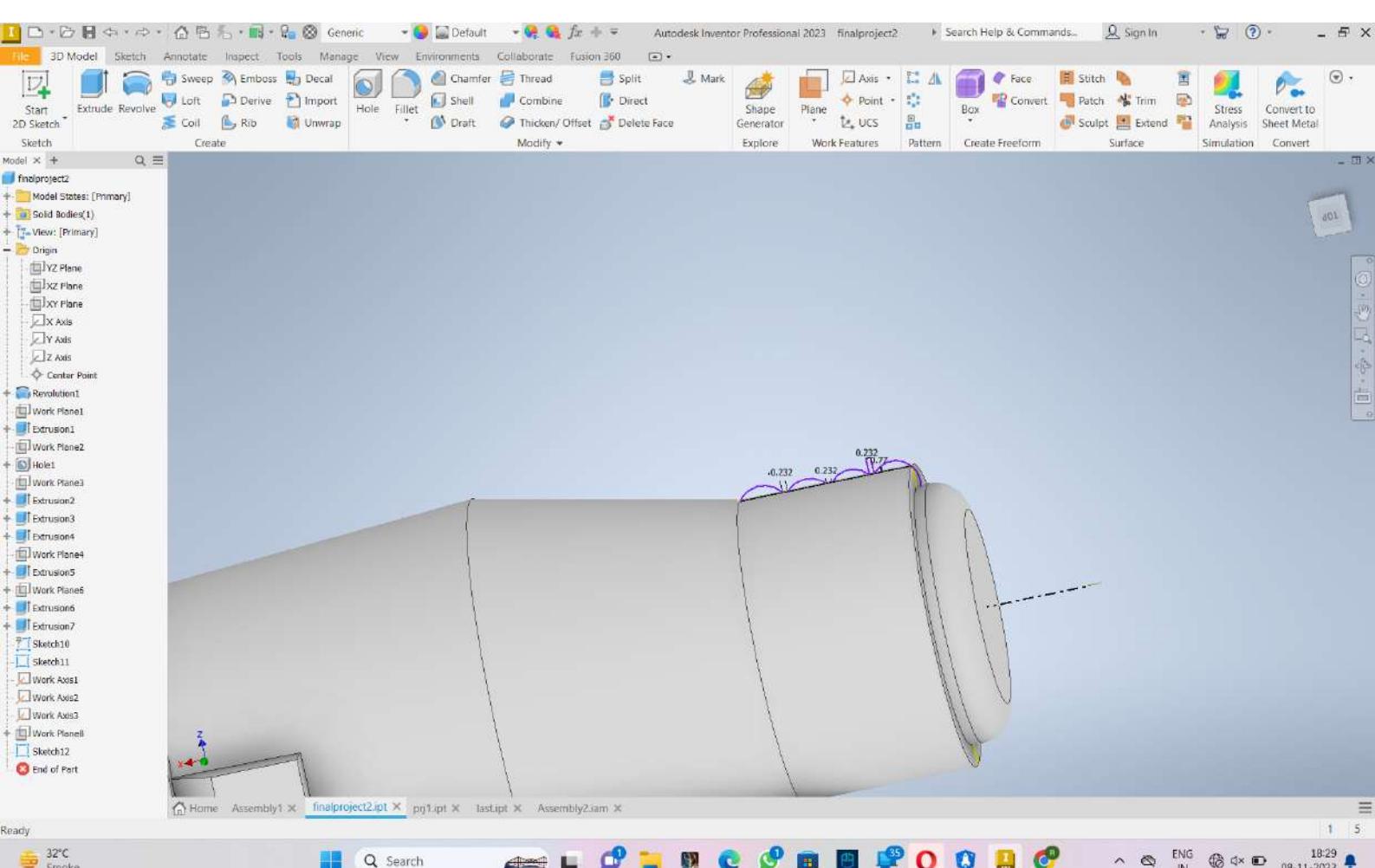


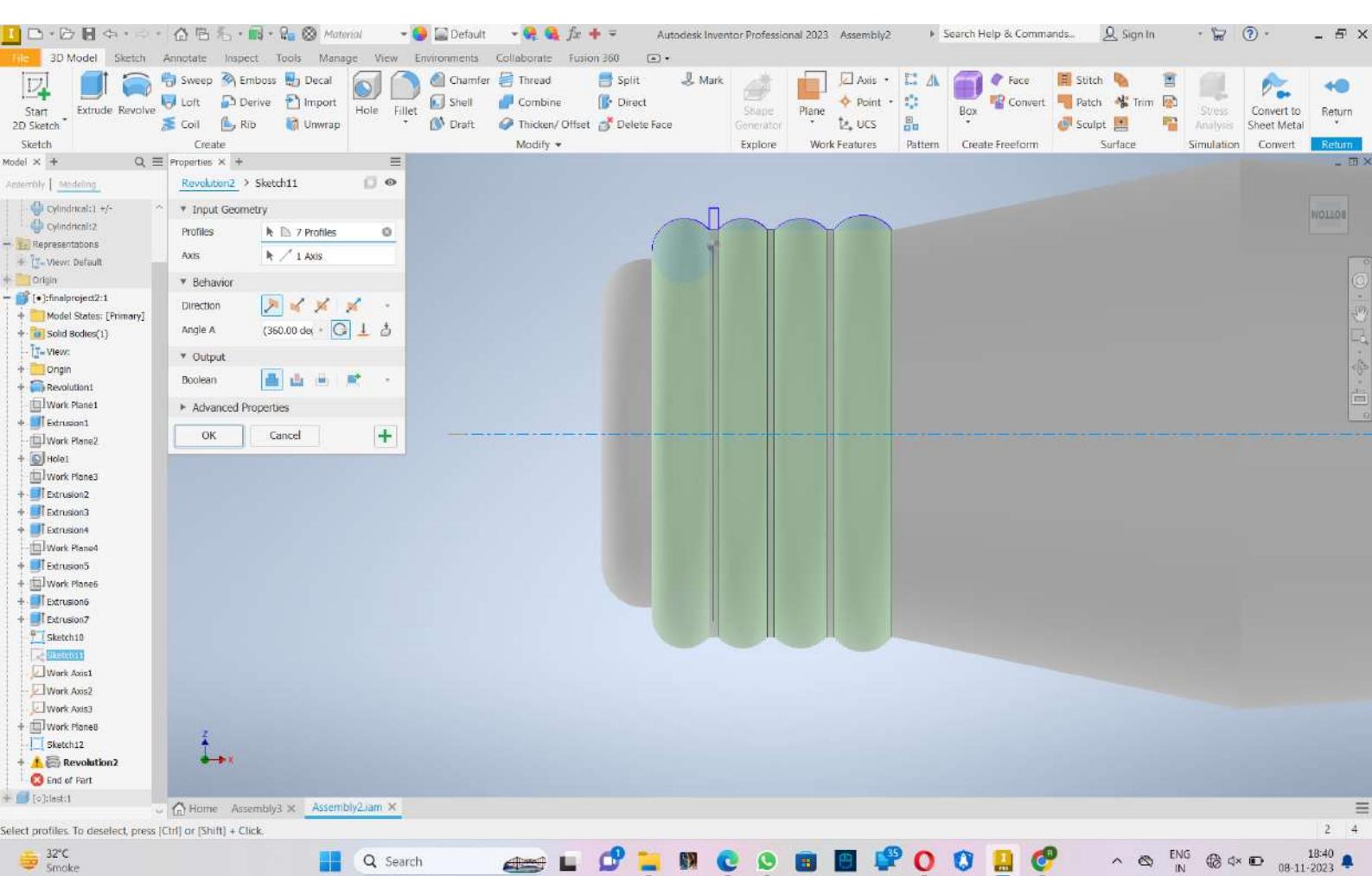


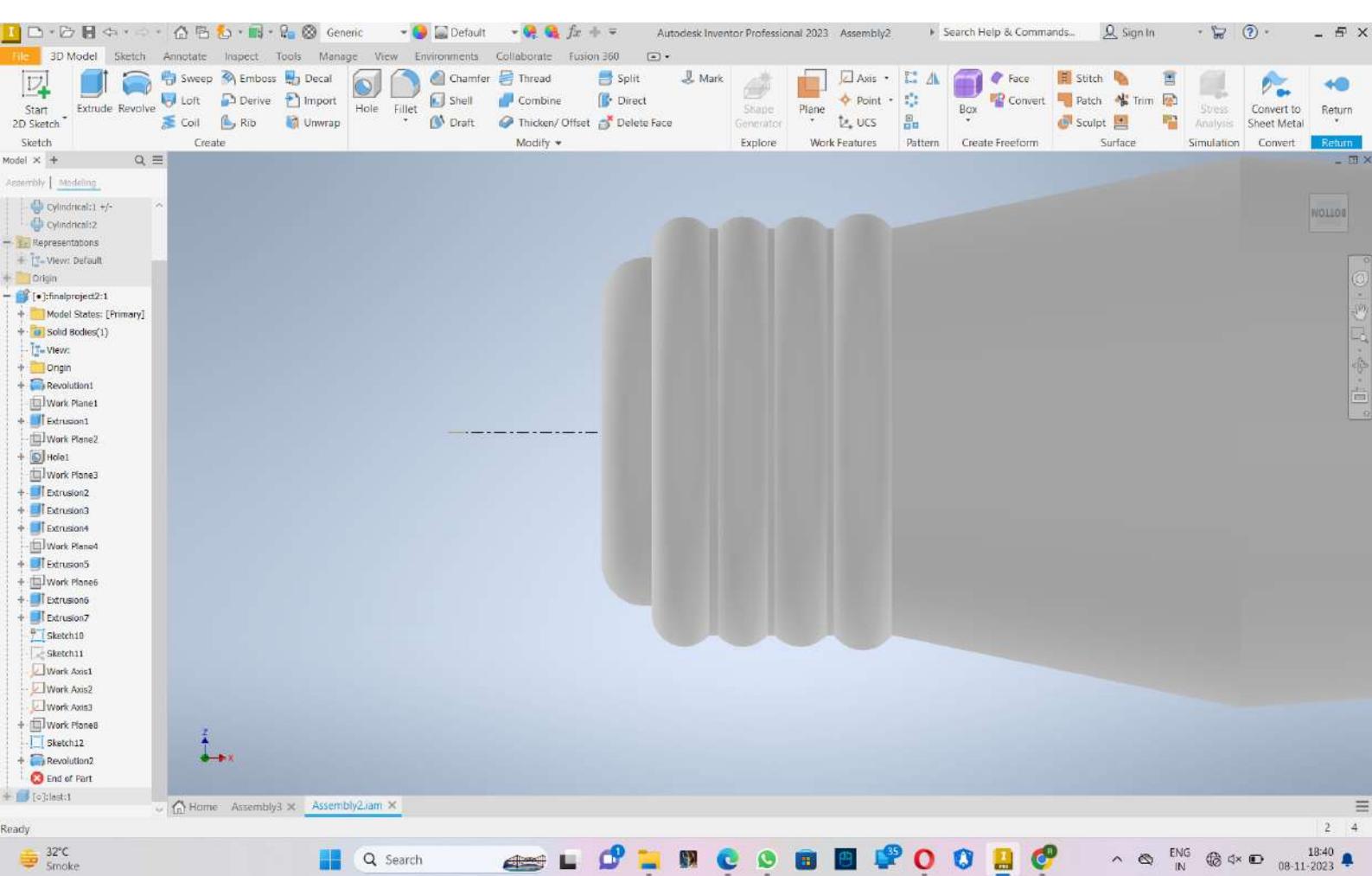


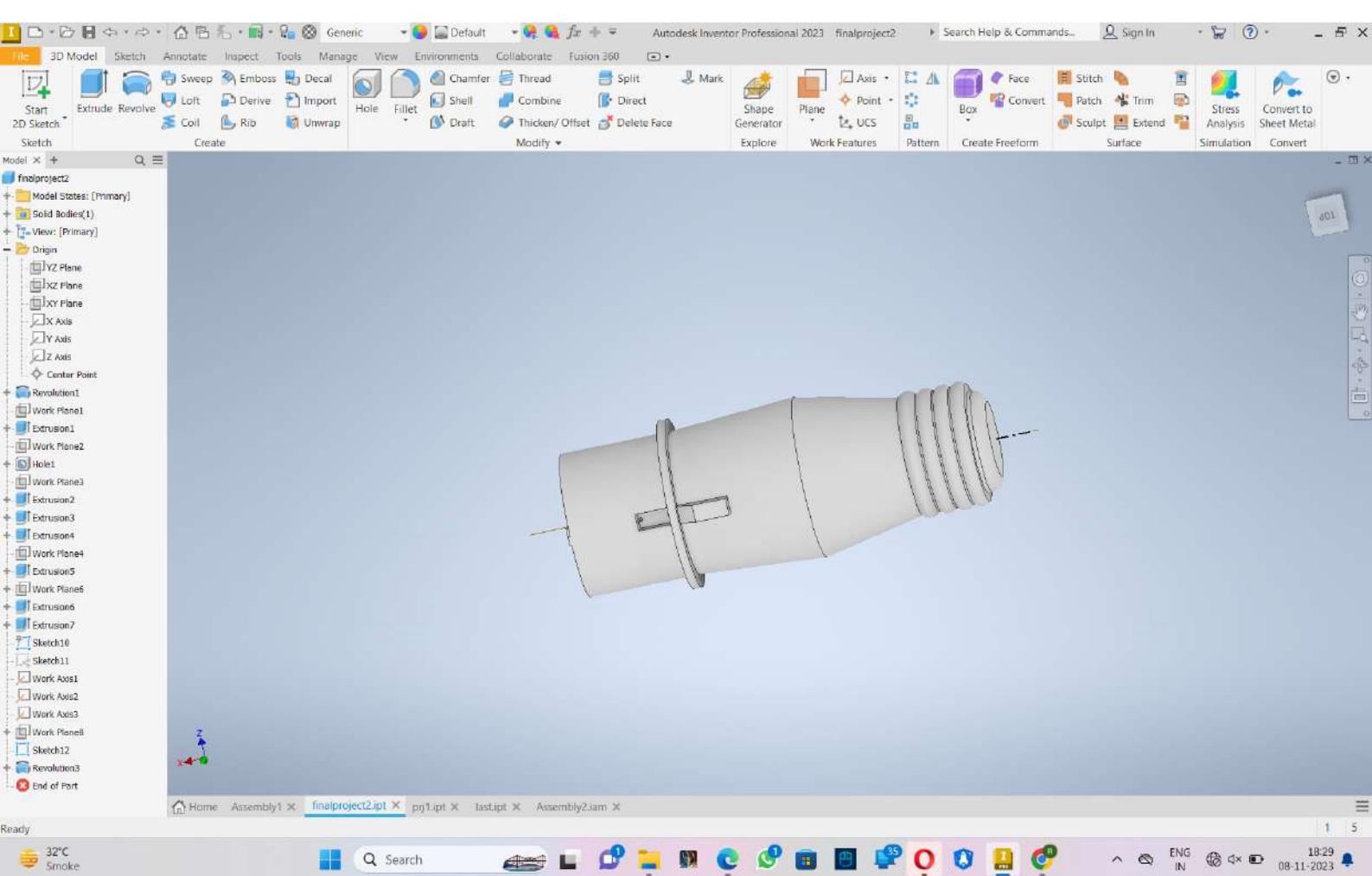


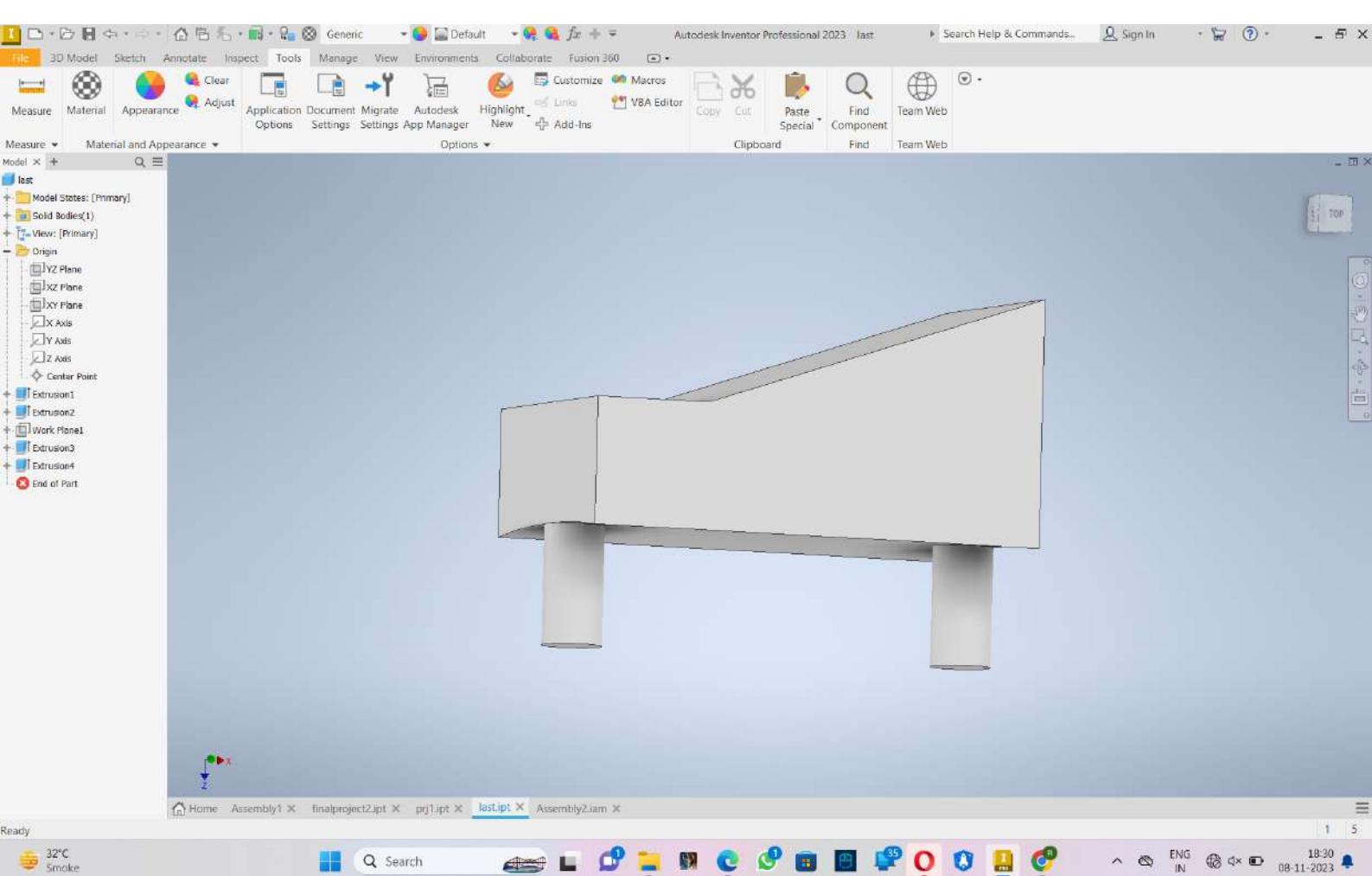


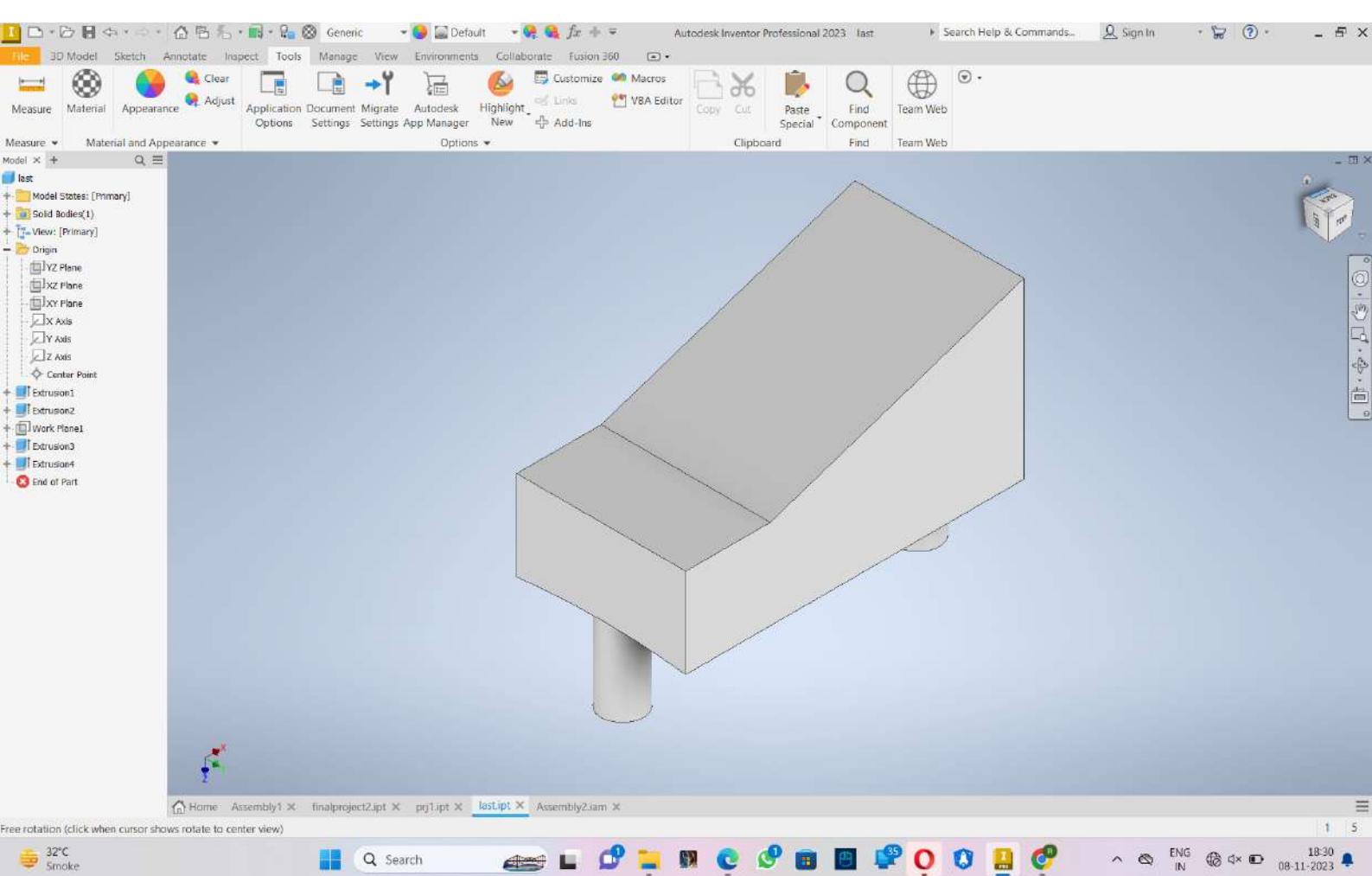


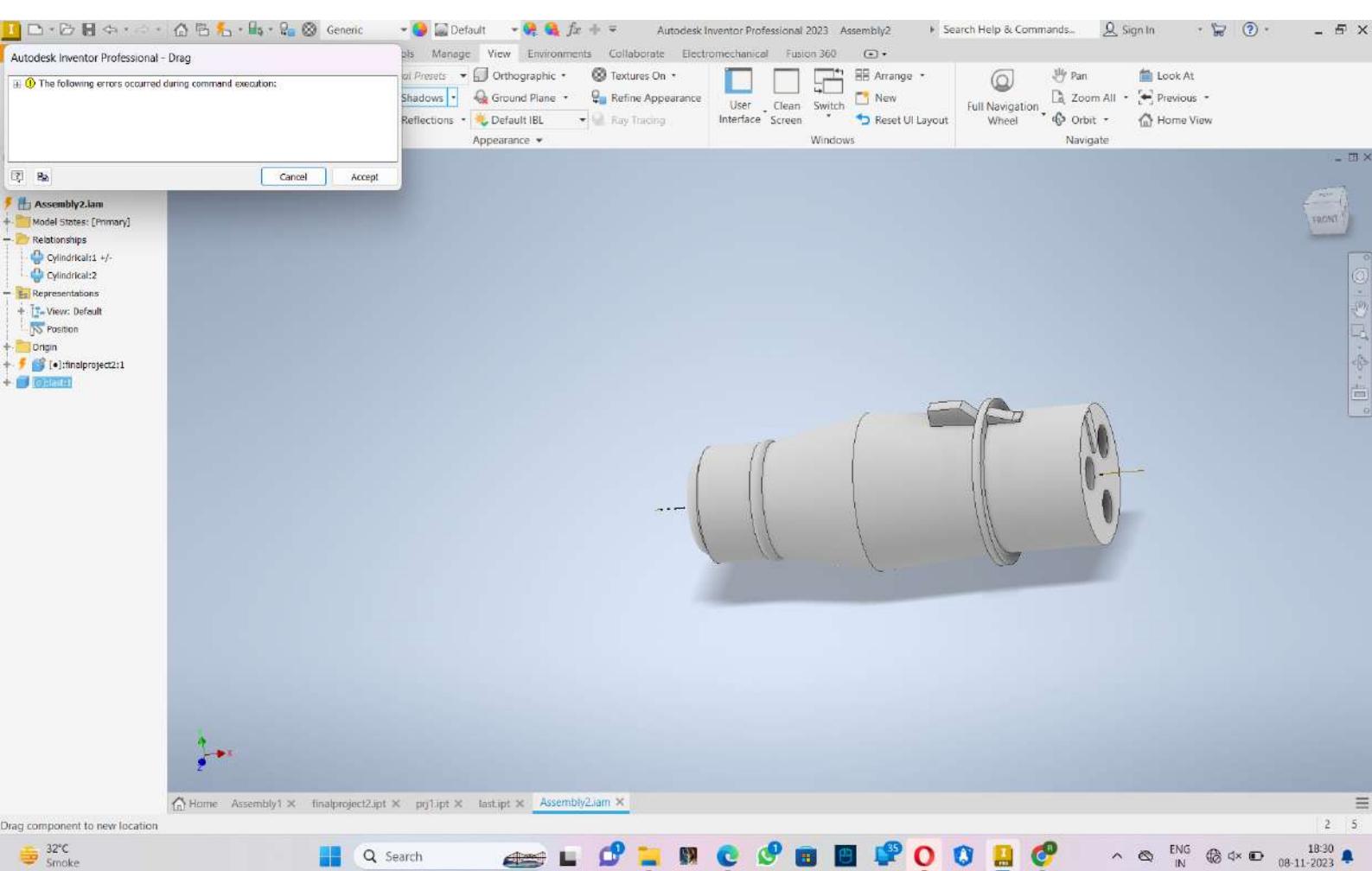


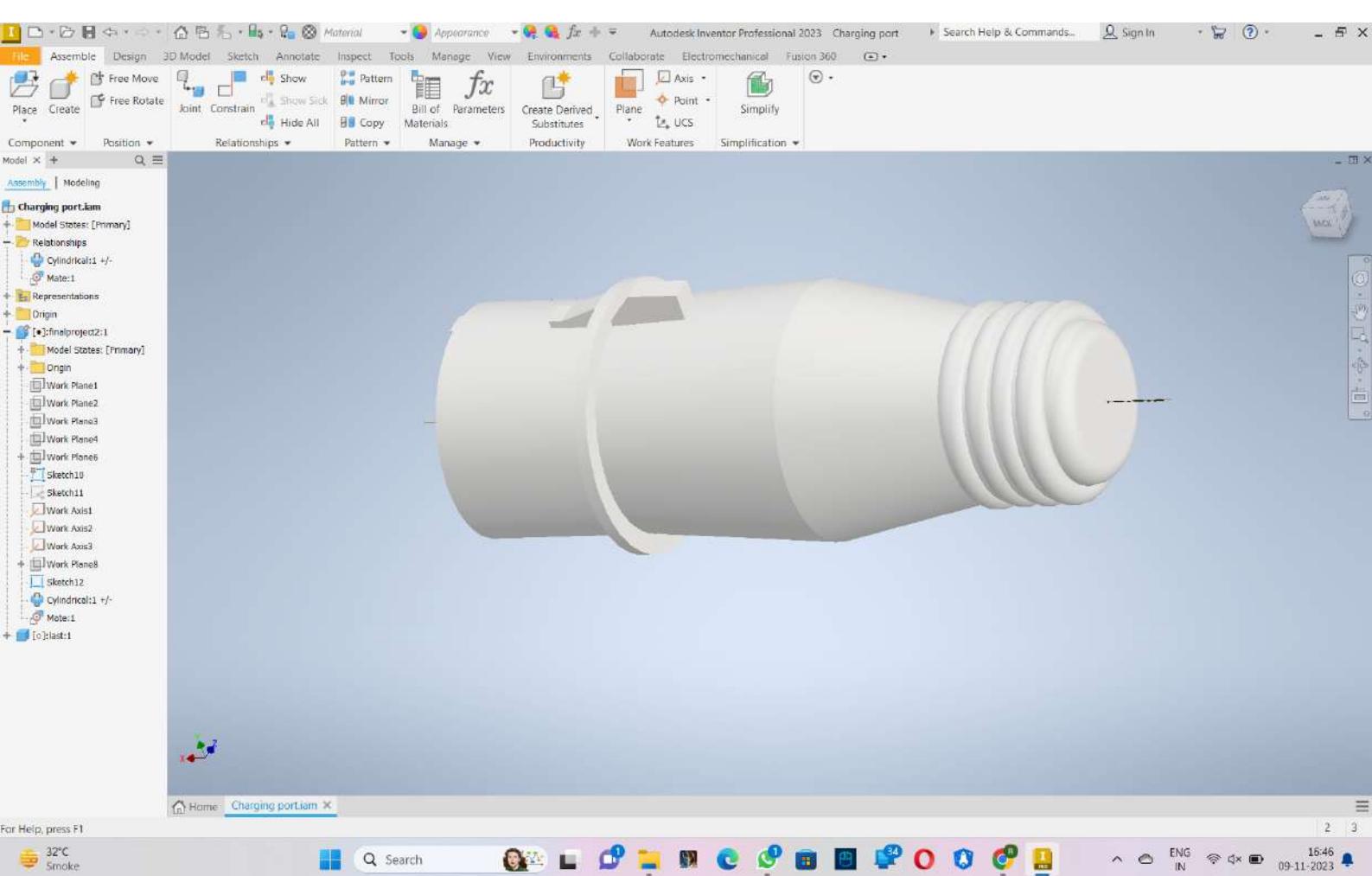


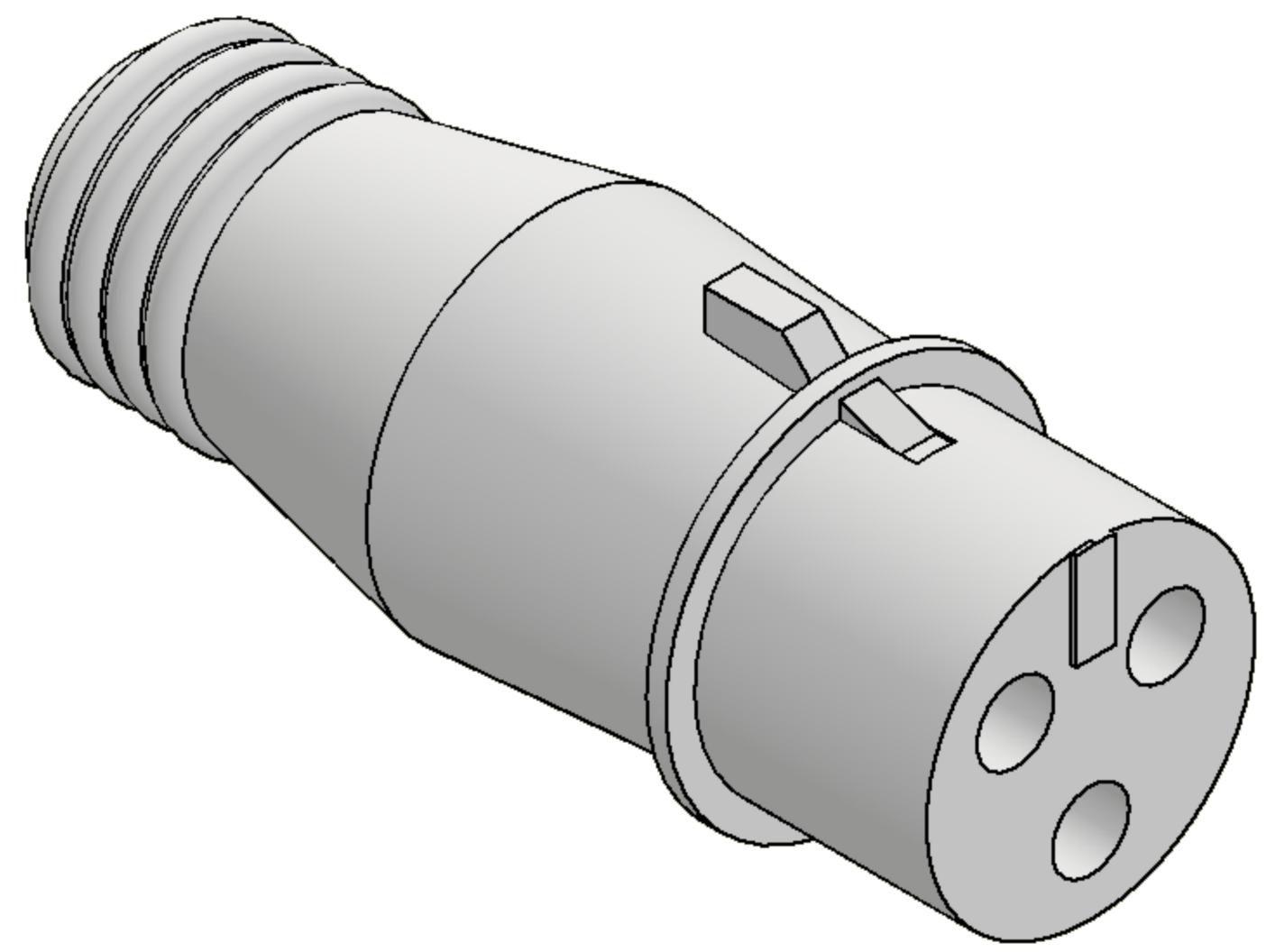
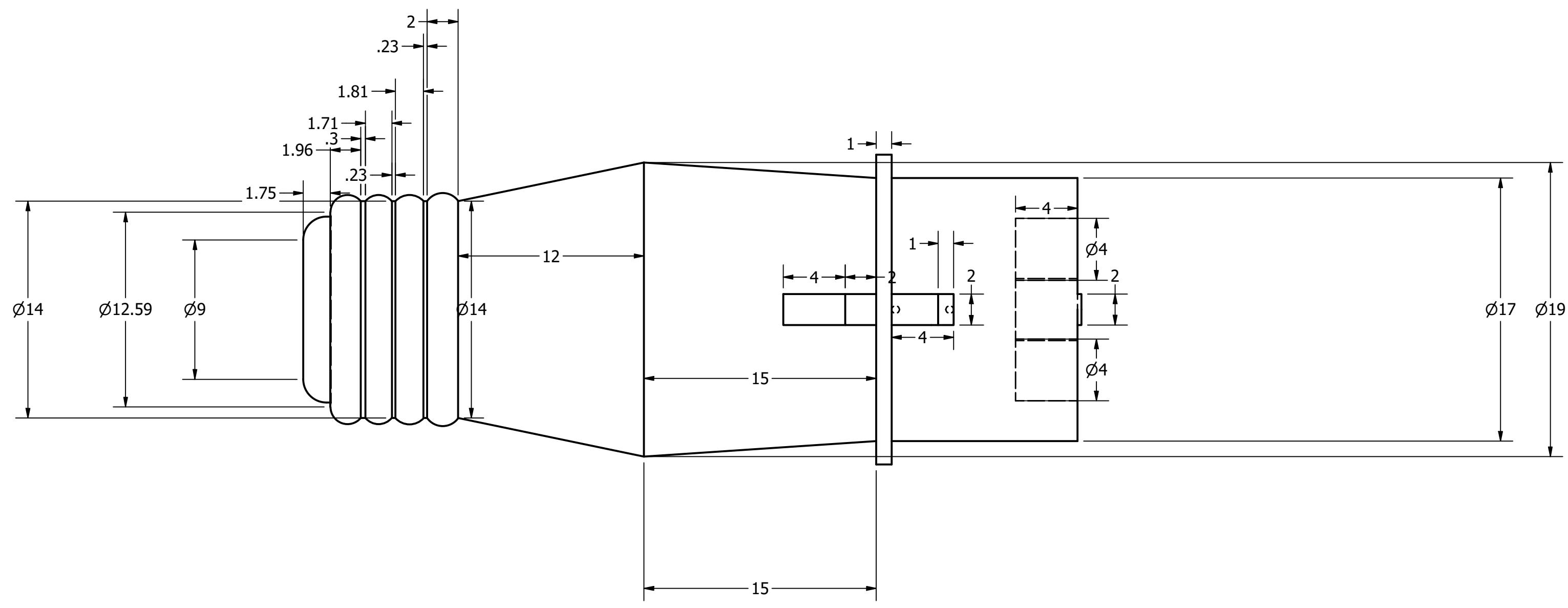




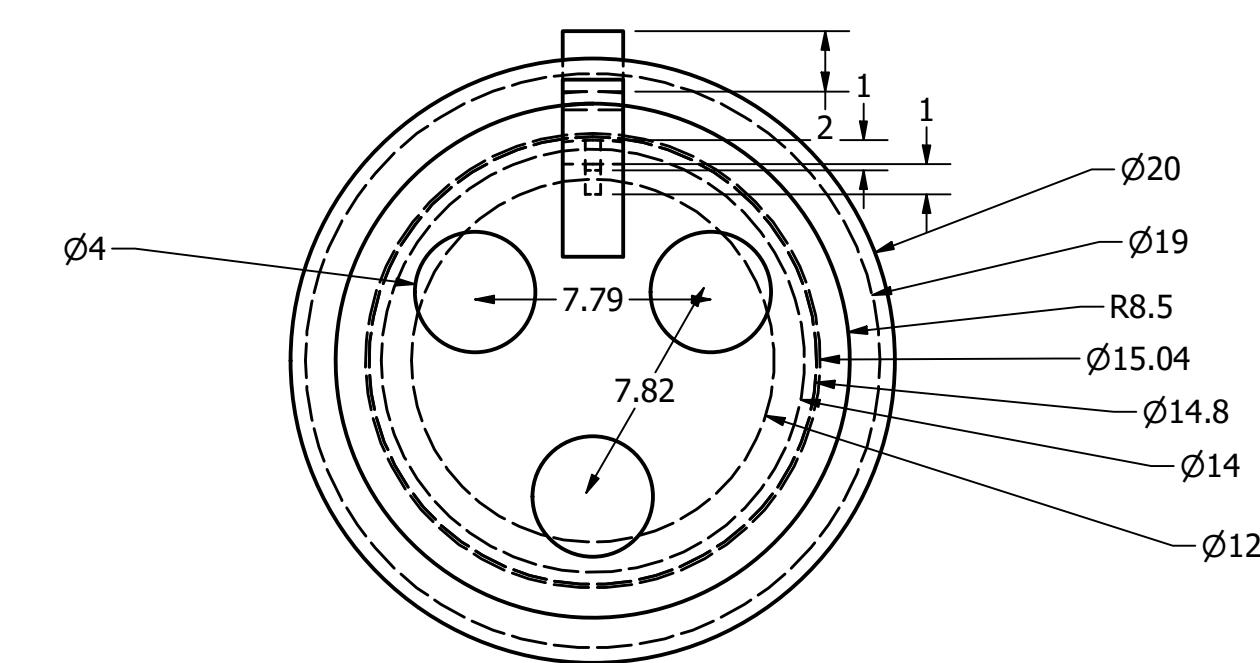
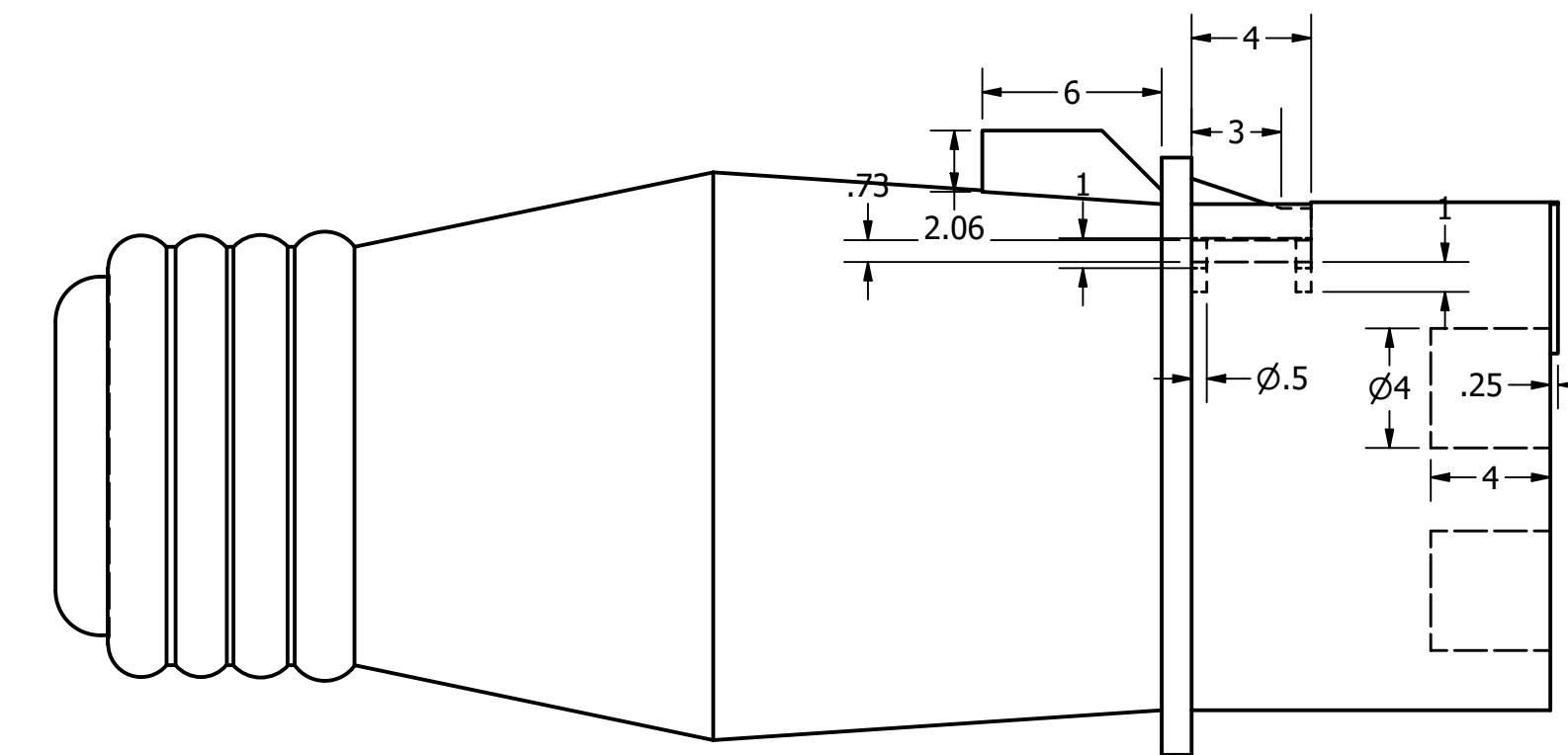




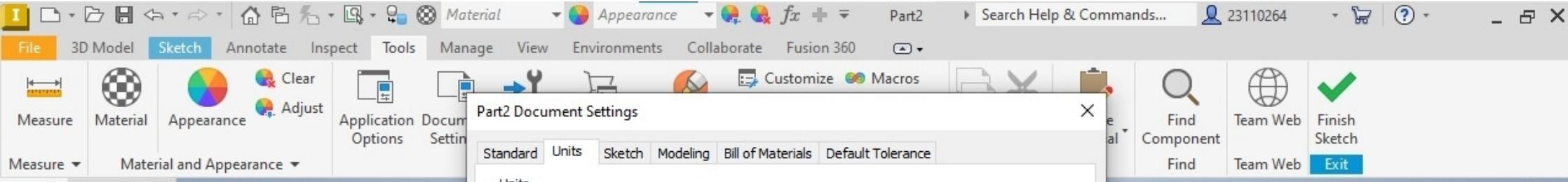




Iometric Projection SCALE 4 : 1



DRAWN			
Rahul	14-11-2023		
CHECKED			
QA			
MFG			
APPROVED			
TITLE		RAHUL_CHARGINGPORT	
SIZE		DWG NO	REV
D		Charging port	
SCALE		4 : 1	SHEET 1 OF 1
2		1	



Part2 Document Settings

Standard Units Sketch Modeling Bill of Materials Default Tolerance

Length Time
millimeter second

Angle Mass
degree lbmass

Modeling Dimension Display

Linear Dim Display Precision: 3.123
Angular Dim Display Precision: 2.12

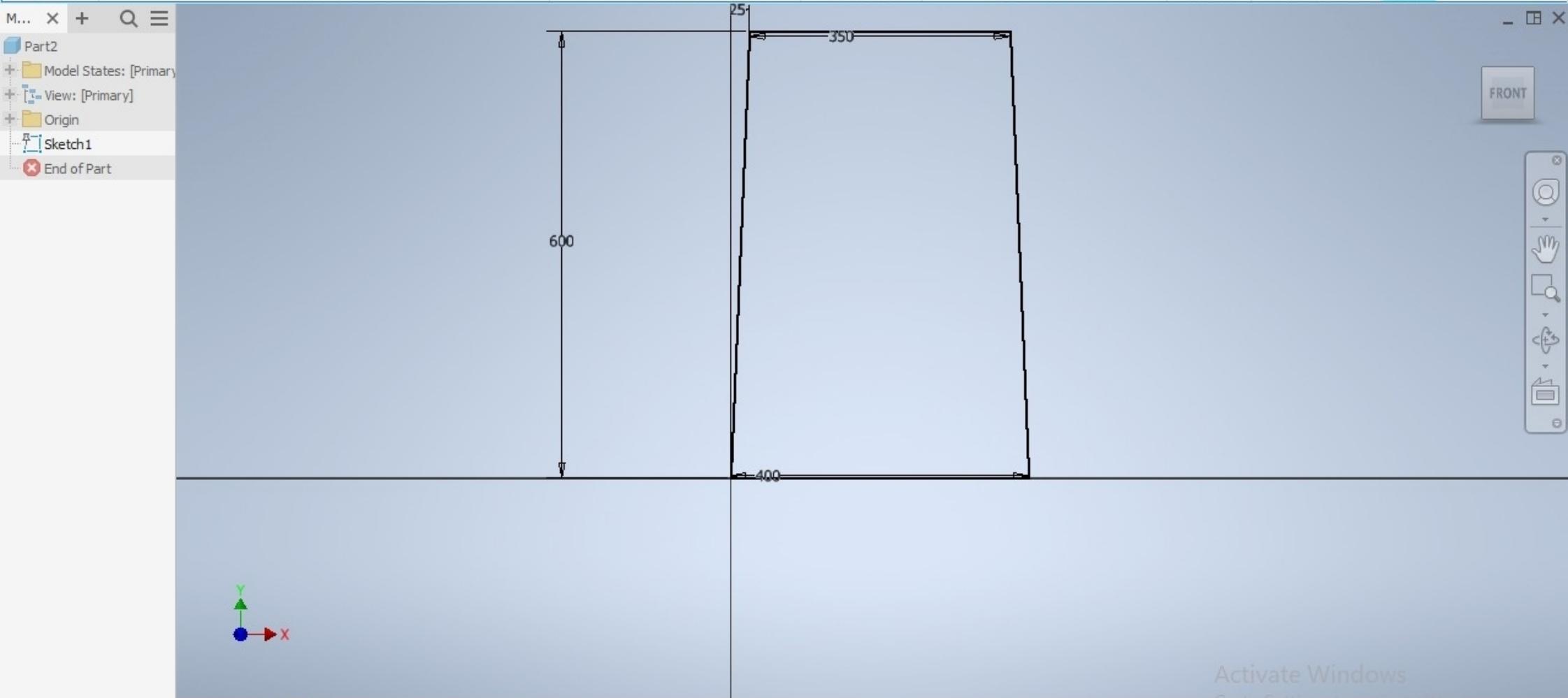
Display as value
Display as name
Display as expression
 Display tolerance
Display precise value

Default Parameter Input Display

Display as value
 Display as expression

OK Cancel Apply







Properties > Sketch1

Extrusion

Input Geometry

- Profiles: 1 Profile
- From: 1 Sketch Plane

Behavior

- Direction:
- Distance A: 50

Output

- Body Name: Solid1

Advanced Properties

- Taper A: 0.00 deg
- iMate
- Match Shape

OK **Cancel** **+**

The 3D model shows a solid body with dimensions: height 600, top width 25, top depth 50, front depth 175, and a base width of 400. A sketch plane is shown at the top left of the model. The coordinate system (X, Y, Z) is indicated at the bottom left.

Activate Windows
Go to Settings to activate Windows.



Properties

Fillet

Selection Sets

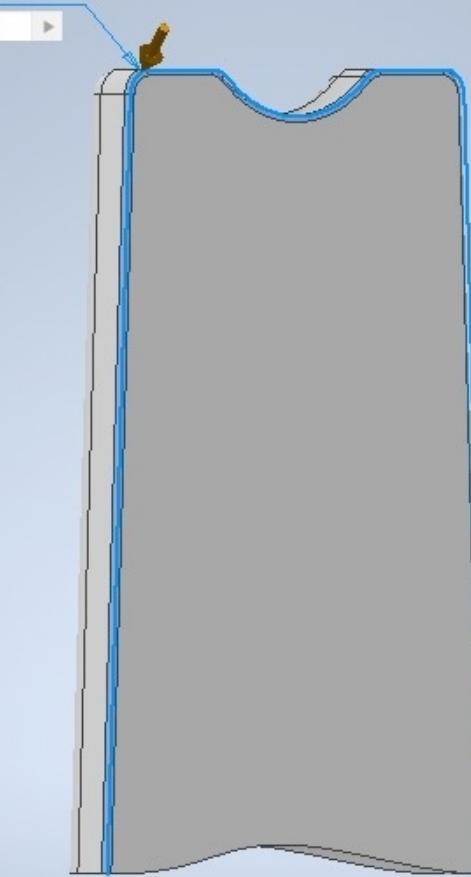
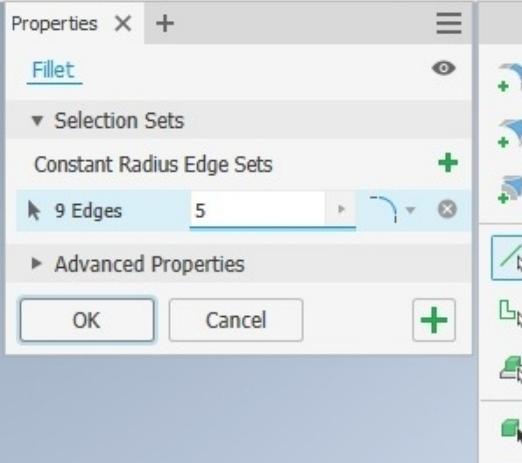
Constant Radius Edge Sets

9 Edges 20

Advanced Properties

OK Cancel

The 3D model consists of a vertical wall with a horizontal slot cutout. A fillet with a radius of 20 is applied to the top edge of the slot. The model is shown in a light gray color, while the fillet is highlighted in blue. The workspace includes a toolbar on the right with icons for selection, zoom, and orientation, and a status bar at the bottom right indicating 'Activate Windows'.



LEFT FRONT



Activate Windows
Go to Settings to activate Windows.

Home Part2 Select edges to fillet. To deselect, press [Ctrl] or [Shift] + Click.

1

1

10:19 AM
10/18/2023

7



M... X + Q =

Part2

- + Model States: [Primary]
- + Solid Bodies(1)
- + View: [Primary]
- + Origin
- + Extrusion1
- Fillet1
- Fillet2
- End of Part

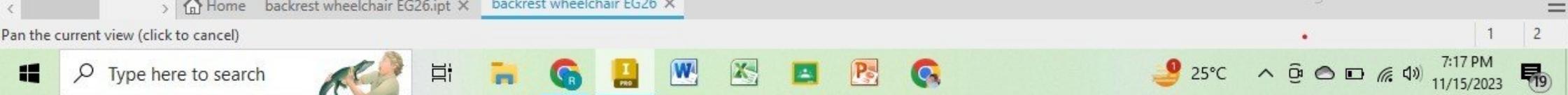
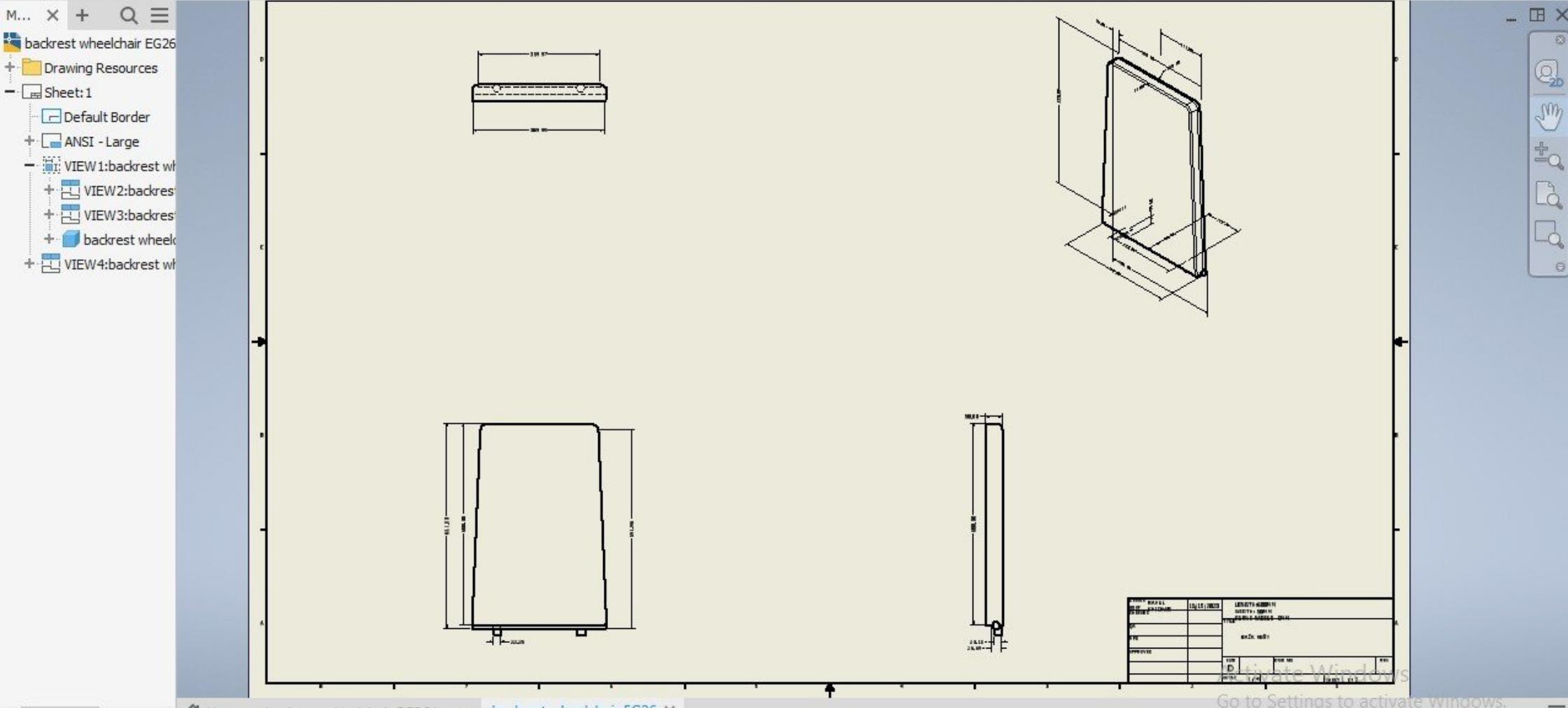
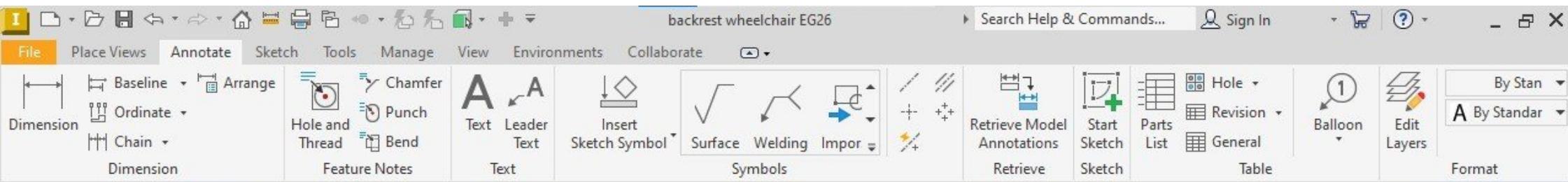
Activate Windows
Go to Settings to activate Windows.

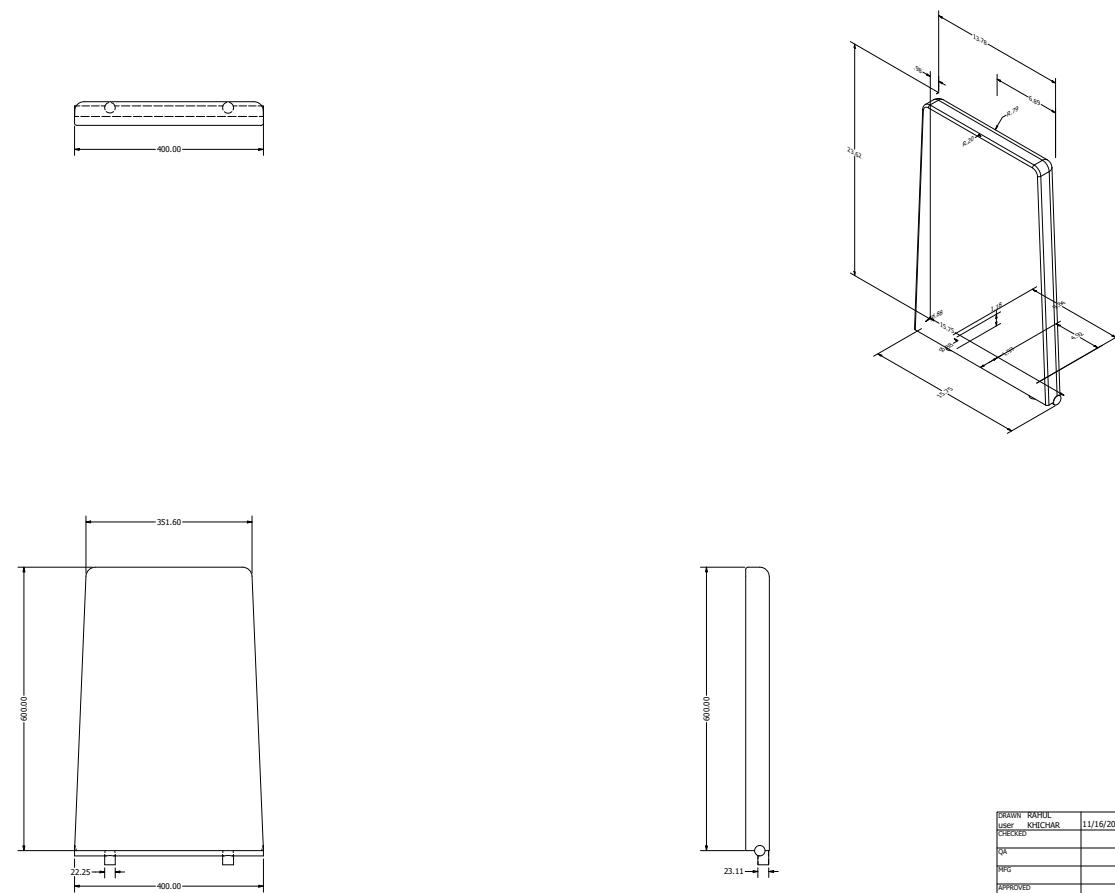
Home Part2

Ready

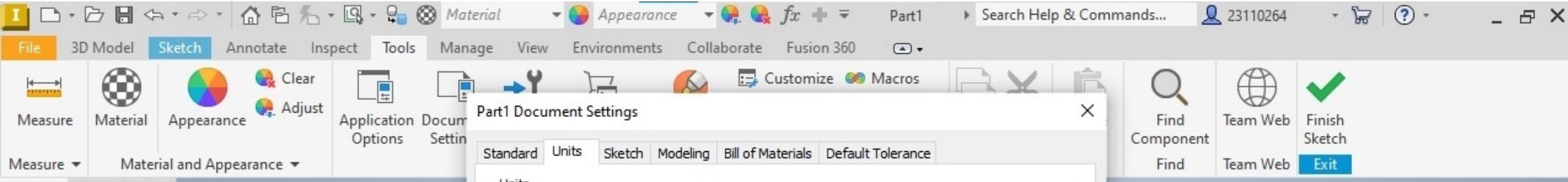
The main workspace displays a 3D model of a rectangular plate with rounded corners and a central slot. A coordinate system (X, Y, Z) is visible at the bottom left. On the right side, there is a vertical toolbar with icons for selection, zoom, and other modeling functions. A watermark for 'BRIGHT RACY' is present in the top right corner.







BROWN, RAVIL	11/16/2023	LENGTH: 600MM - THICKNESS: 50MM
ASON, KIRCHAR		WIDTH: - UPPER PART: 350MM LOWER PART: 400MM
CHECKED		TITLE: BACKREST
QA		SIZE: D
MFG		DWG NO:
APPROVED		REV:
	1 / 4	SHEET 1 OF 1



Part1 Document Settings

Standard Units Sketch Modeling Bill of Materials Default Tolerance

Units

Length: millimeter Time: second

Angle: degree Mass: lbmass

Modeling Dimension Display

Linear Dim Display Precision: 3.123

Angular Dim Display Precision: 2.12

Display as value Display as name Display as expression Display tolerance Display precise value

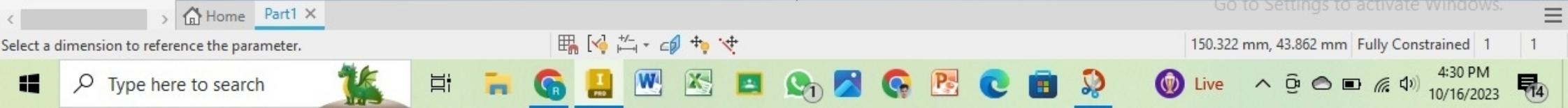
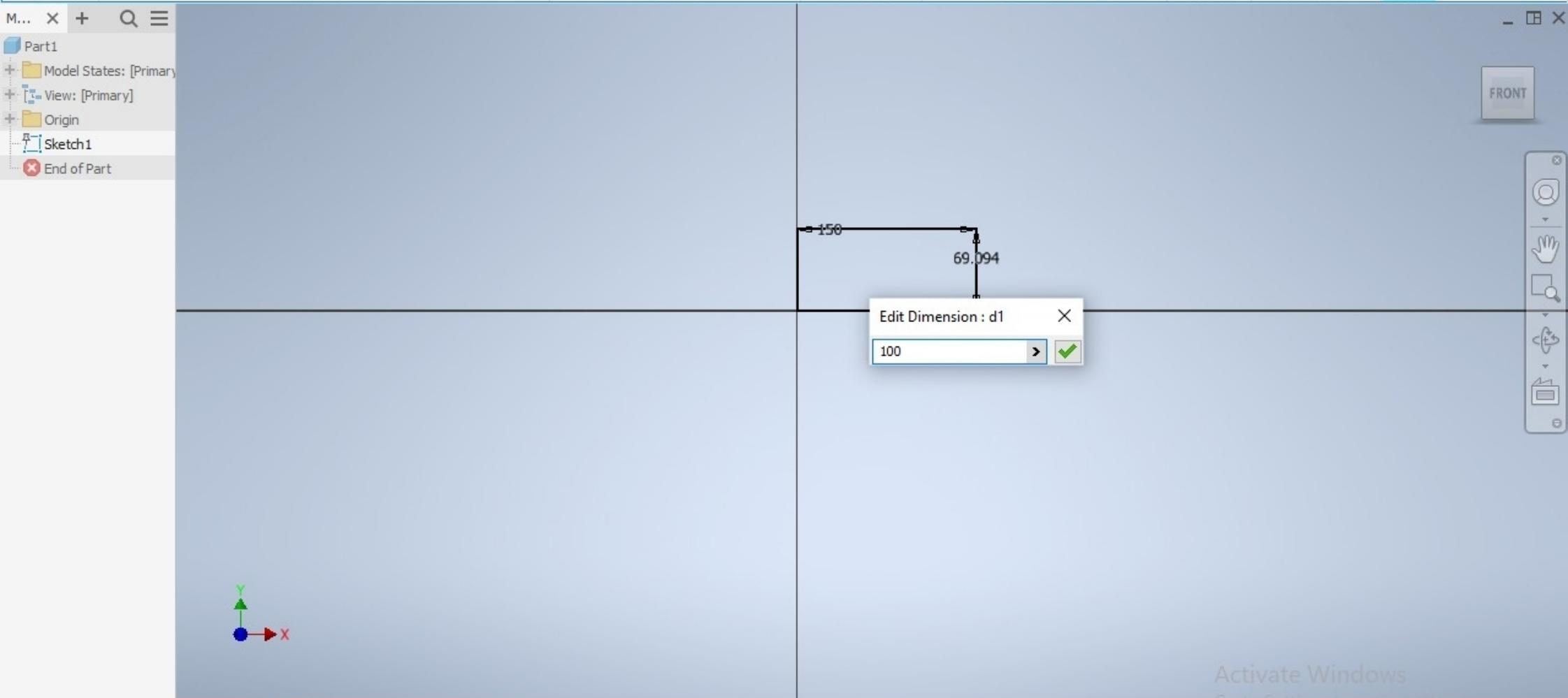
Default Parameter Input Display

Display as value Display as expression

OK Cancel Apply

Activate Windows
Go to Settings to activate Windows.







M... X + Q =

Part1

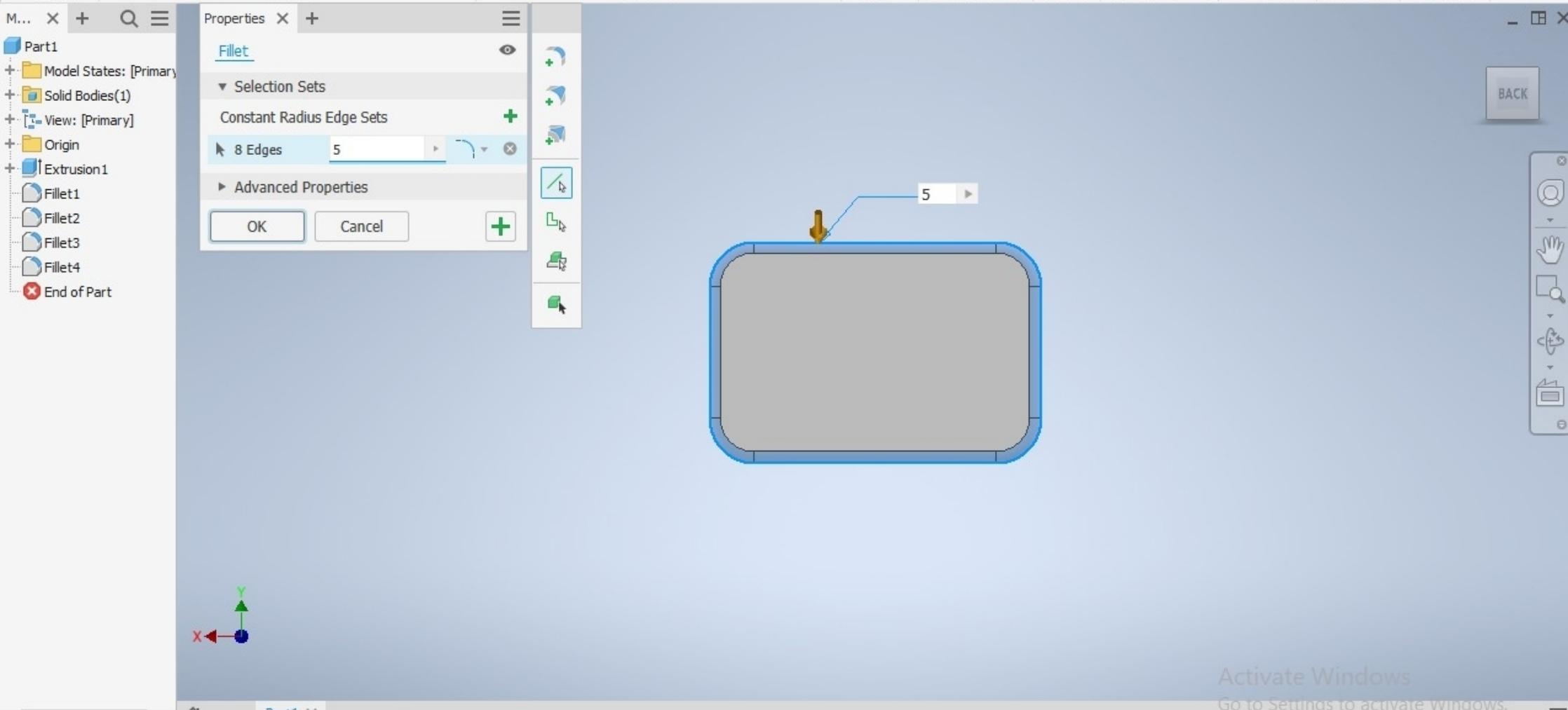
- + Model States: [Primary]
- + Solid Bodies(1)
- + View: [Primary]
- + Origin
- + Extrusion1
 - Fillet1
 - Fillet2
 - Fillet3
 - Fillet4
- End of Part

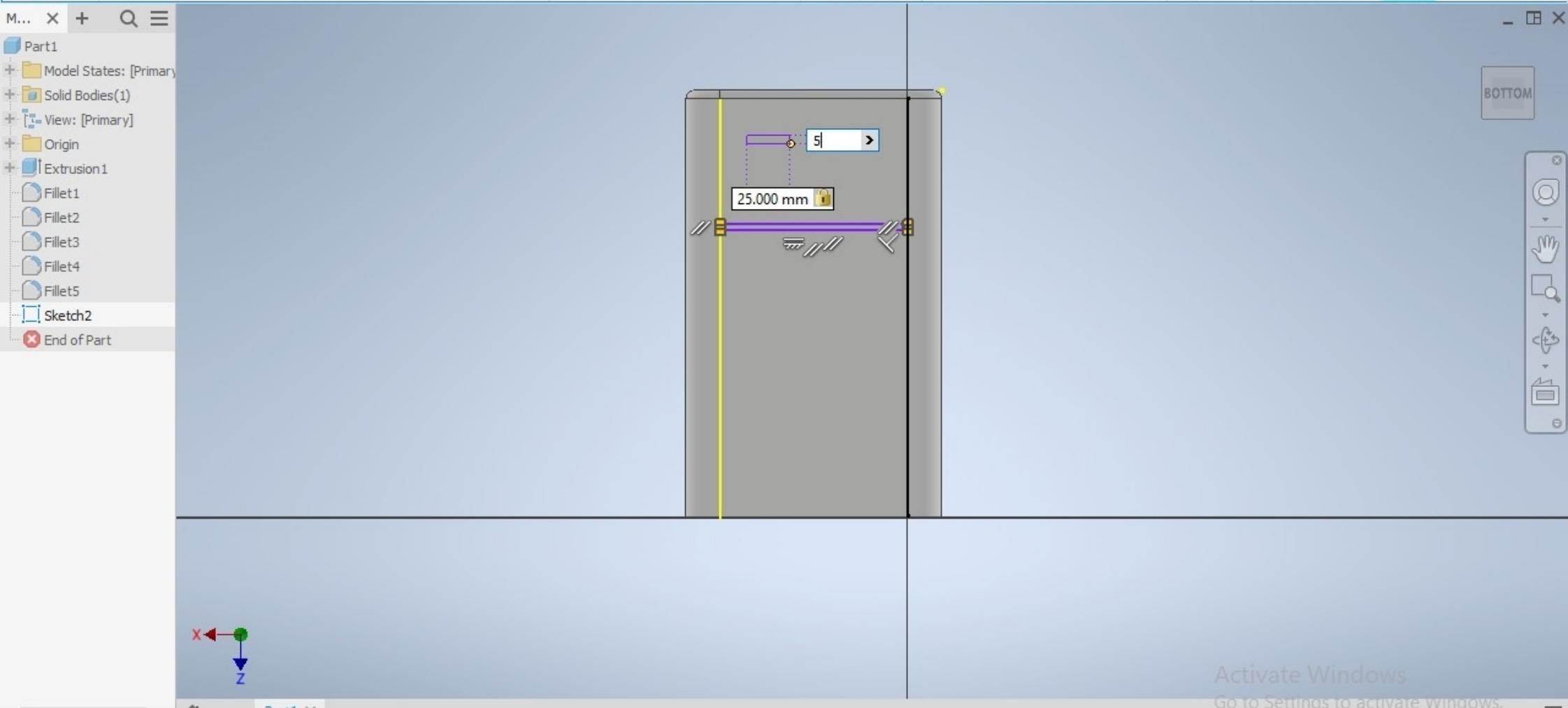
BACK LEFT

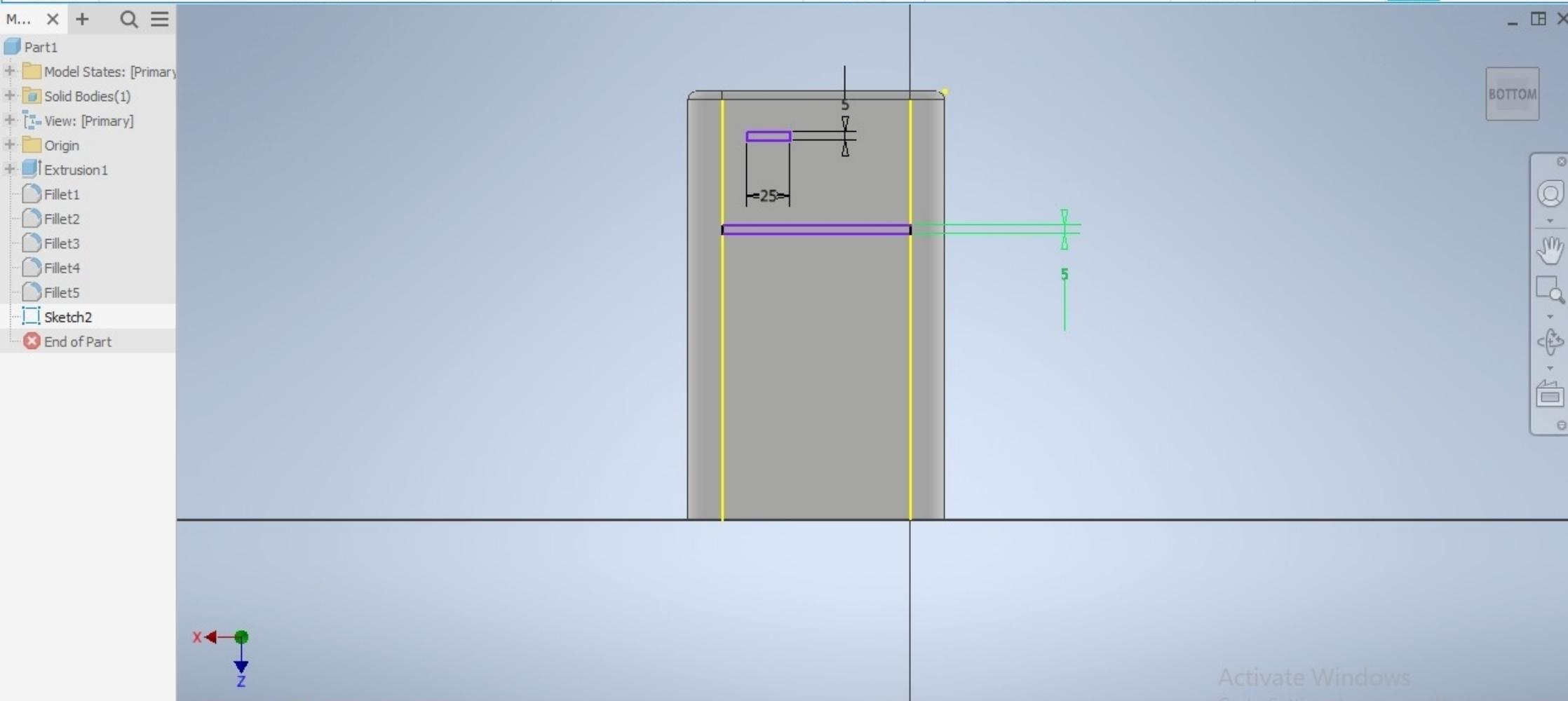
Activate Windows
Go to Settings to activate Windows.

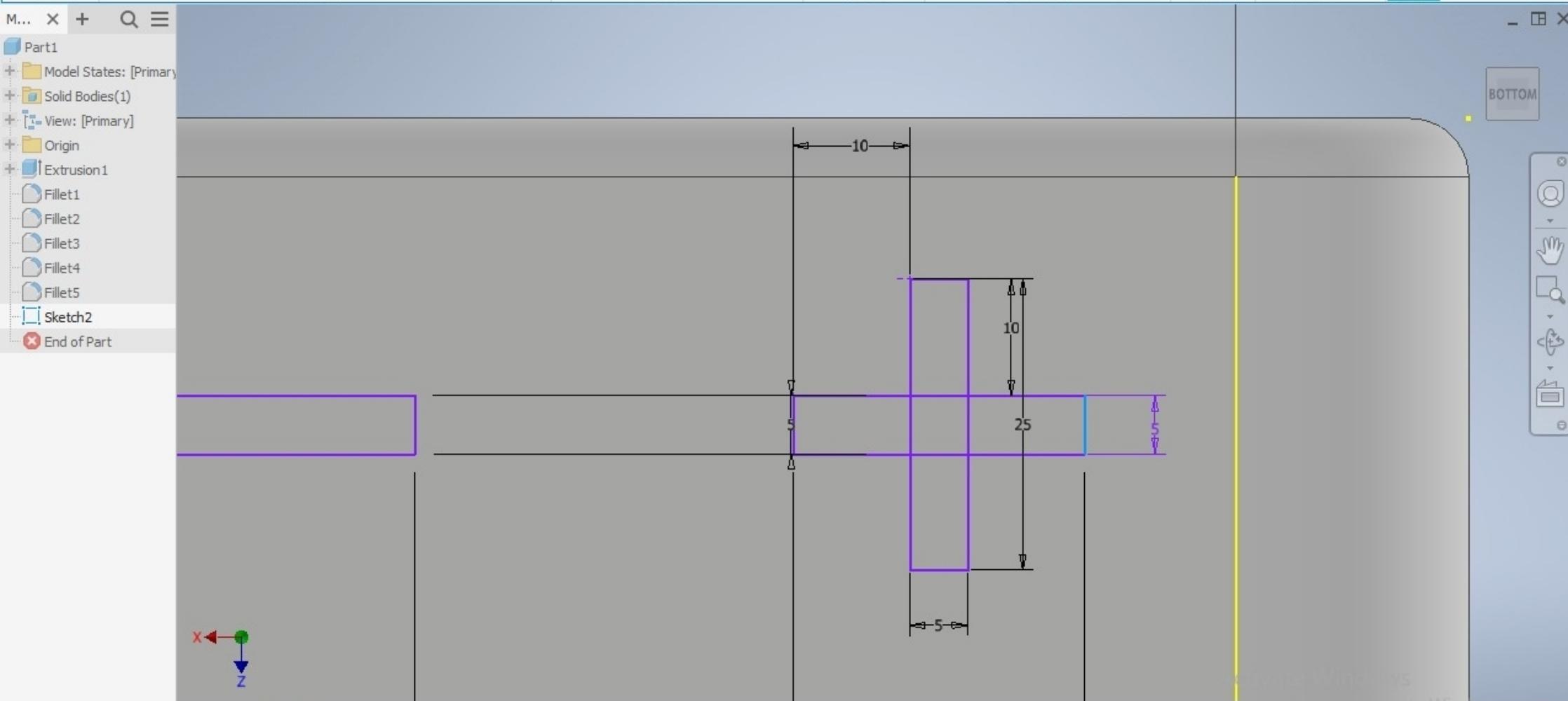
Home Part1 X













Properties > Sketch2

Input Geometry

- Profiles: 7 Profiles
- From: 1 Sketch Plane

Behavior

- Direction: Four arrows pointing outwards from the center.
- Distance A: 5

Output

- Boolean: Union, Subtract, Intersect, Difference

Advanced Properties

- Taper A: 0.00 deg
- iMate
- Match Shape

Buttons: OK, Cancel, +

The main workspace shows a 3D model of a rectangular block with a vertical slot. The slot has dimensions labeled on its right side: 10 at the top, 5, 5, 25, 5, and 5 at the bottom. The model is oriented with a coordinate system (X, Y, Z) at the bottom left corner. The status bar at the bottom right shows "Activate Windows Go to Settings to activate windows."



M... X + Q =

Part1

- + Model States: [Primary]
- + Solid Bodies(1)
- + View: [Primary]
- + Origin
- + Extrusion1
 - Fillet1
 - Fillet2
 - Fillet3
 - Fillet4
 - Fillet5
- + Extrusion2
- End of Part

Activate Windows
Go to Settings to activate Windows.

Home Part1 X

Ready



Part1

Model States: [Primary]

Solid Bodies(1)

View: [Primary]

Origin

Extrusion1

Fillet1

Fillet2

Fillet3

Fillet4

Fillet5

Extrusion2

Sketch3

End of Part

Activate Windows
Go to Settings to activate windows.





Properties > Sketch4

Extrusion

Input Geometry

- Profiles: 2 Profiles
- From: 1 Sketch Plane

Behavior

- Direction: Upward (indicated by a blue arrow)
- Distance A: 15

Output

- Boolean: Union

Advanced Properties

- Taper A: 0.00 deg
- iMate
- Match Shape

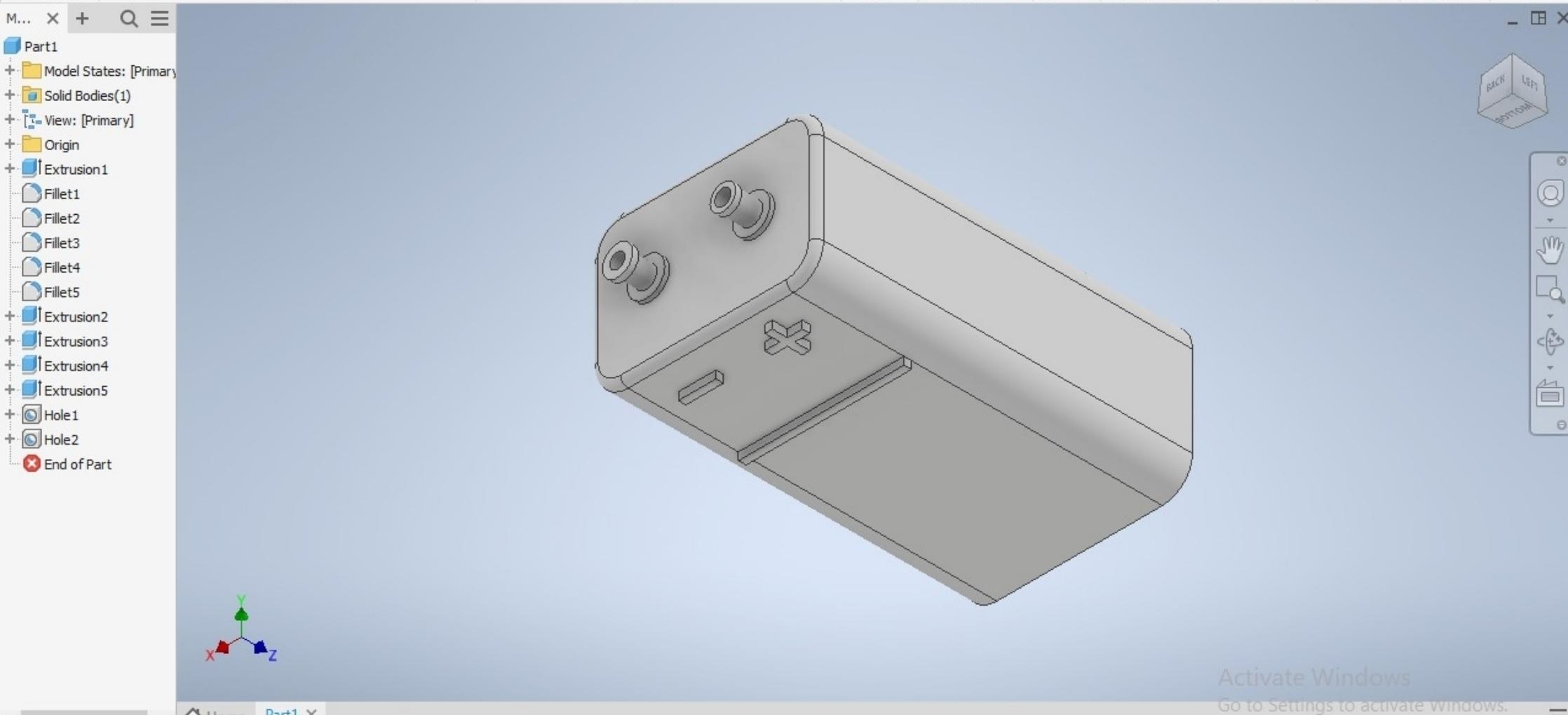
Buttons: OK, Cancel, +

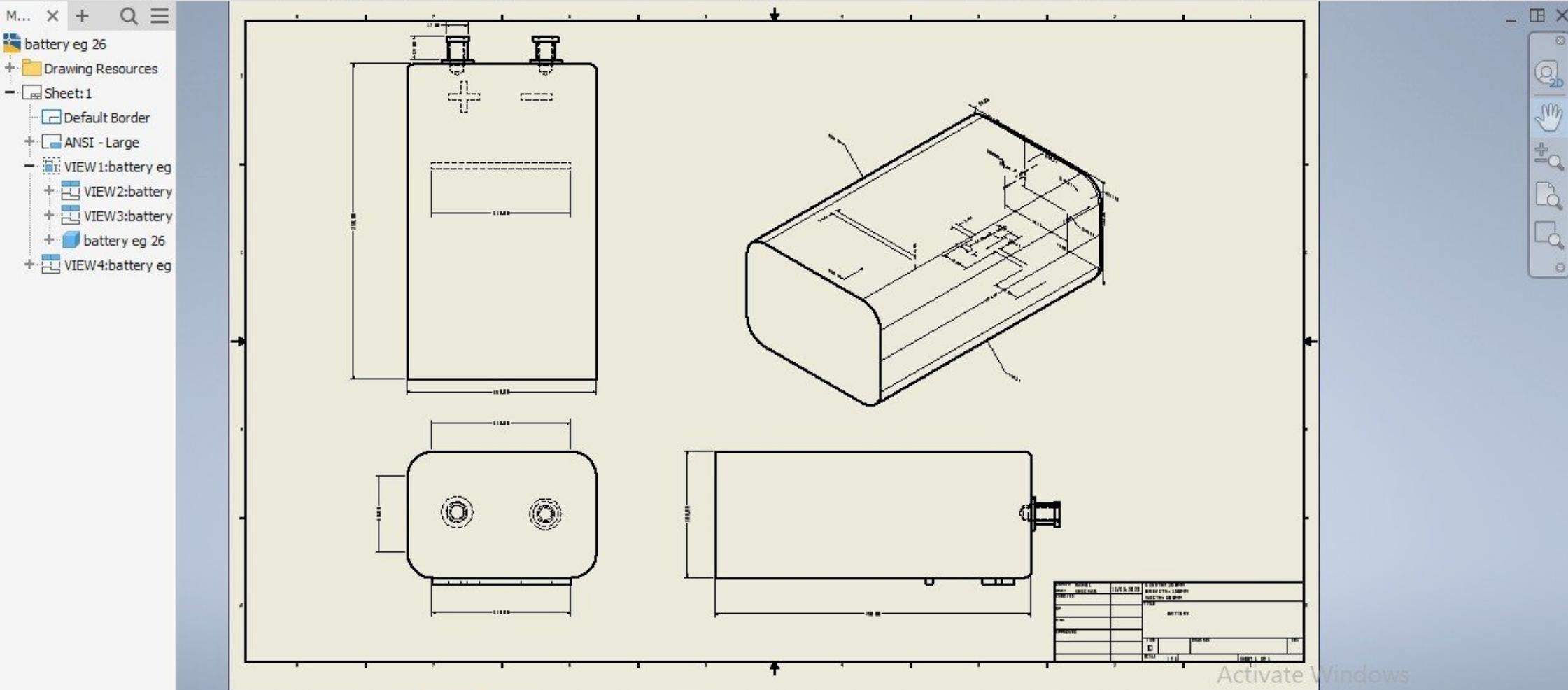
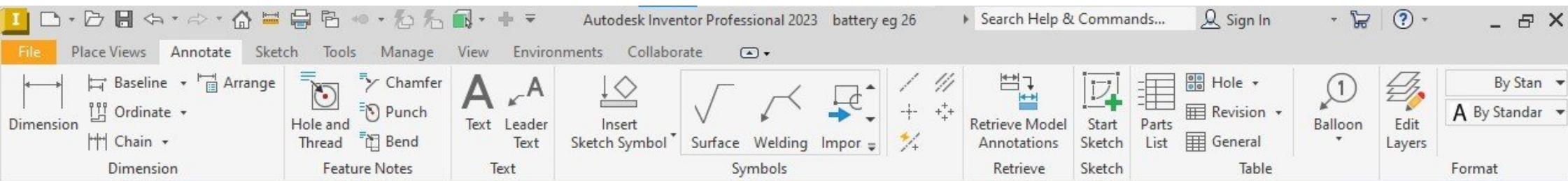
The 3D model shows a cylindrical part with two circular features on top. One feature has a radius of 15 and a height of 15. The model also features several rectangular cutouts and a central cross-shaped slot. A coordinate system (X, Y, Z) is shown at the bottom left.

Home Part1

Select profiles. To deselect, press [Ctrl] or [Shift] + Click.

Activate Windows
Go to Settings to activate Windows.





< > Home battery eg 26.ipt X battery eg 26 X

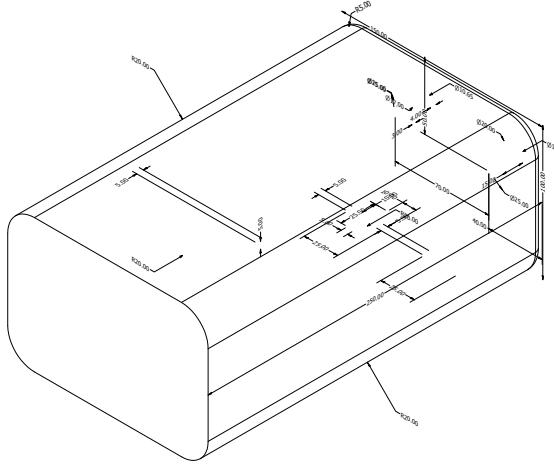
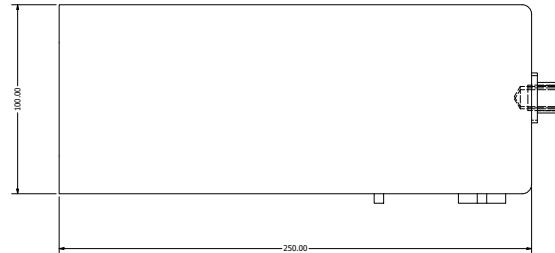
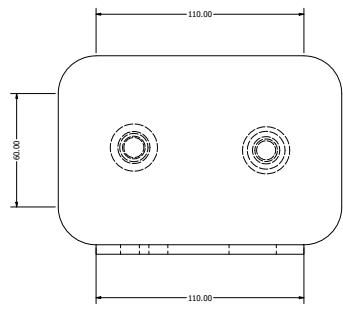
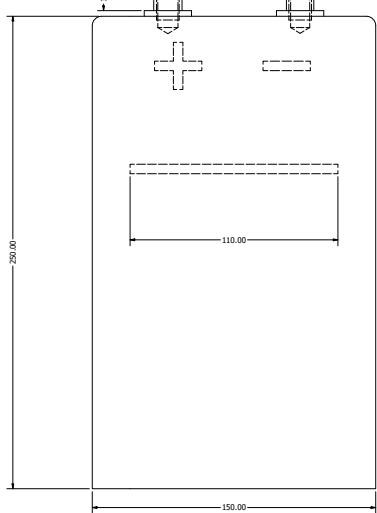
Pan the current view (click to cancel)

Activate Windows

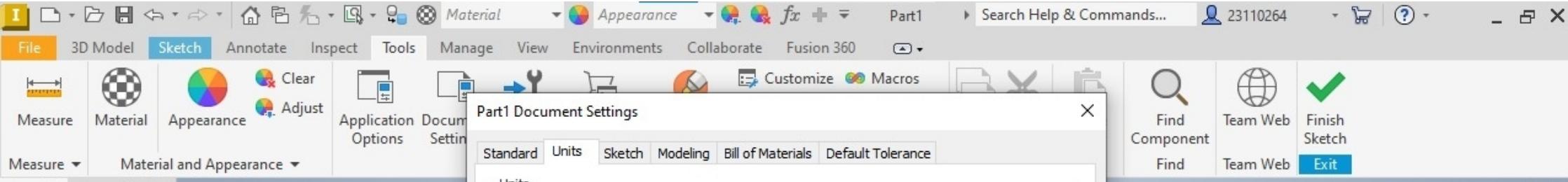
Go to Settings to activate Windows.

1 2





BROWN RAHUL	11/15/2023	LENGTH: 250MM
RAJESH KUMHAR		WIDTH: 150MM
CHECKED		DEPTH: 120MM
QA		TITLE:
MFG		BATTERY
APPROVED		
	SIZE D	DRAWING NO. battery eg 26
	SCALE 1:1	REV.
		SHEET 1 OF 1



Part1 Document Settings

Standard Units Sketch Modeling Bill of Materials Default Tolerance

Length Time
millimeter second

Angle Mass
degree lbmass

Modeling Dimension Display

Linear Dim Display Precision: 3.123
Angular Dim Display Precision: 2.12

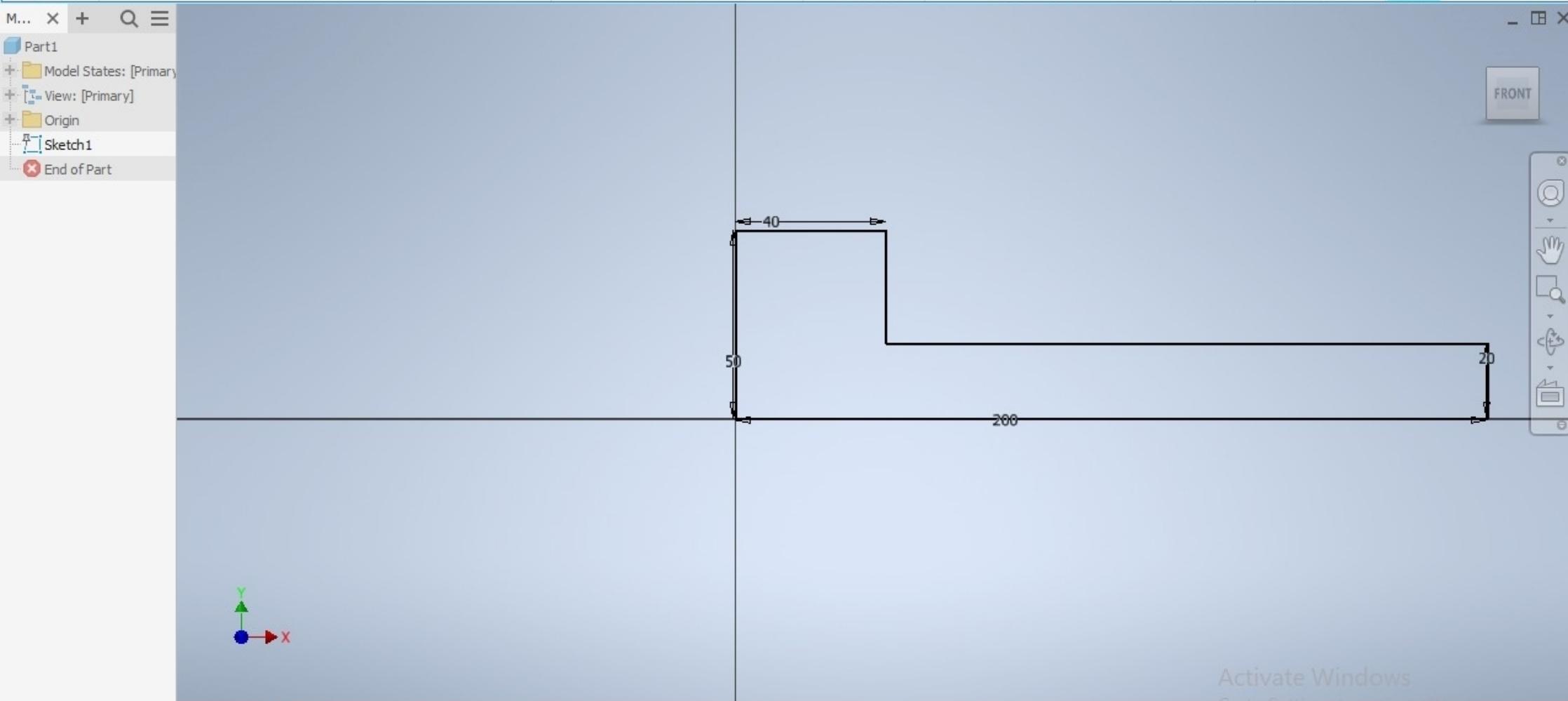
Display as value
Display as name
Display as expression
 Display tolerance
Display precise value

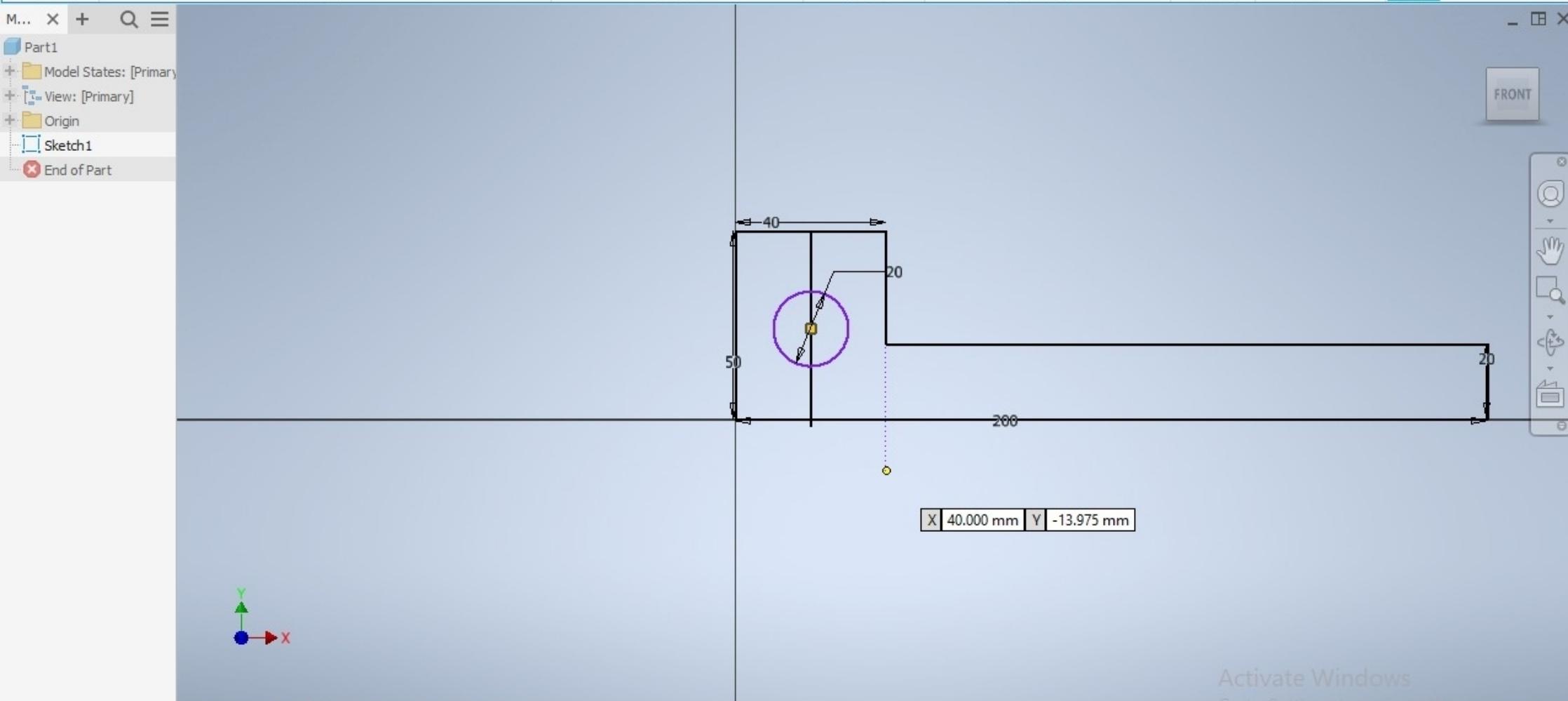
Default Parameter Input Display

Display as value
 Display as expression

OK Cancel Apply









Properties > Sketch1

Input Geometry

- Profiles: 2 Profiles
- From: 1 Sketch Plane

Behavior

- Direction:
- Distance A: 140

Output

- Body Name: Solid1

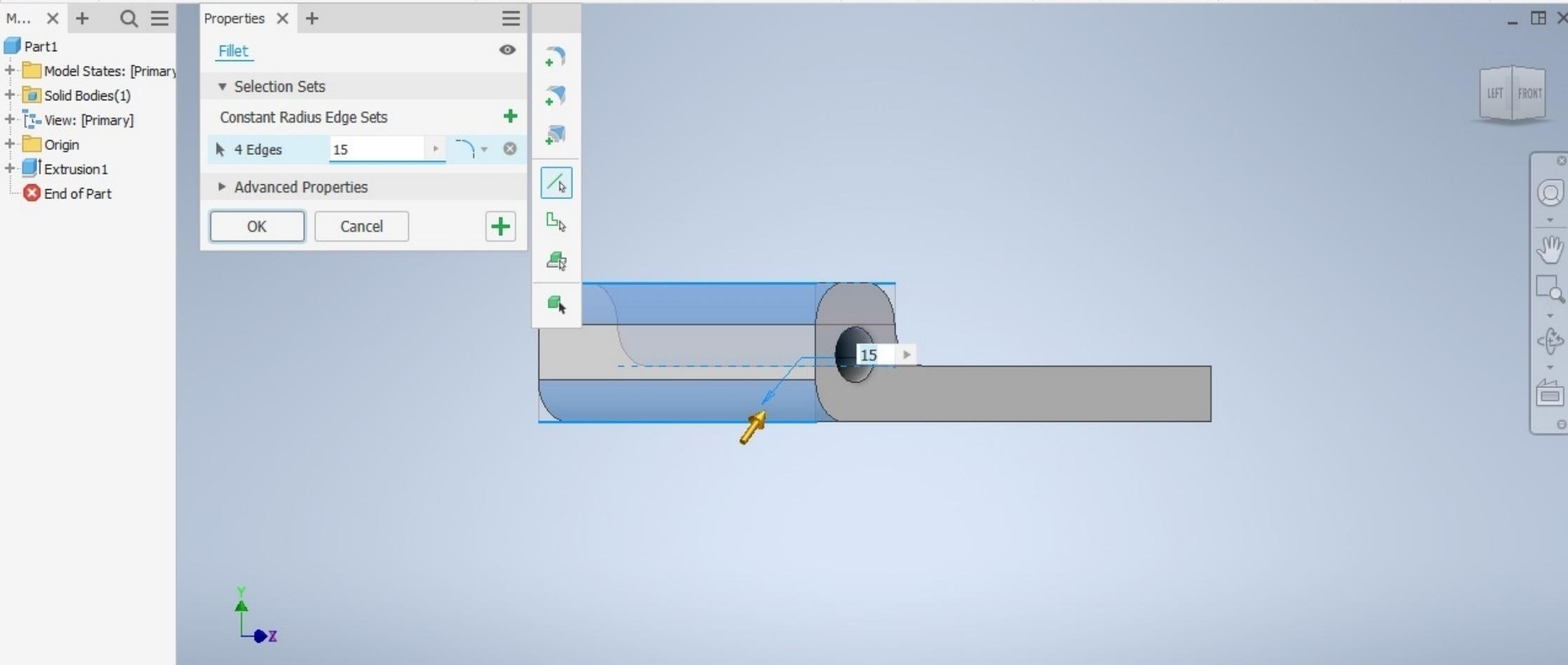
Advanced Properties

- Taper A: 0.00 deg
- iMate
- Match Shape

OK Cancel +

The 3D model consists of a rectangular base with a total width of 200 and a height of 50. A slot is cut into the top surface, starting from the front edge and extending 140 units towards the back. The slot has a constant width of 20 and tapers to zero at the back edge. A circular hole with a diameter of 40 is located in the top surface, centered vertically above the slot's end point. The model is shown in a perspective view with coordinate axes (X, Y, Z) and a local coordinate system (L, R, U).







Properties

Fillet

Selection Sets

Constant Radius Edge Sets

2 Edges 20

Advanced Properties

OK Cancel

Part1

Model States: [Primary]

Solid Bodies(1)

View: [Primary]

Origin

Extrusion1

Fillet1

End of Part

TOP FRONT

Activate Windows
Go to Settings to activate Windows.

Select edges to fillet. To deselect, press [Ctrl] or [Shift] + Click.

Home Part1

Type here to search

23°C 10:01 AM 10/18/2023

The screenshot displays the Fusion 360 software environment. The ribbon at the top includes tabs for File, 3D Model, Sketch, Annotate, Inspect, Tools, Manage, View, Environments, Collaborate, and Fusion 360. The 'Create' tab is currently selected, showing icons for various modeling operations such as Extrude, Revolve, Sweep, Loft, Derive, Import, Hole, Fillet, Chamfer, Thread, Shell, Combine, Draft, Shape Generator, Plane, Box, Pattern, Create Freeform, Surface, Stress Analysis, and Convert. A 'Properties' panel is open on the left, specifically for the 'Fillet' tool, showing settings for 'Constant Radius Edge Sets' (2 Edges, 20 mm) and 'Advanced Properties'. The main workspace shows a 3D model of a mechanical part with a cylindrical hole and a rectangular base. A fillet is being applied to the corner where the base meets the side wall. The status bar at the bottom indicates 'Select edges to fillet. To deselect, press [Ctrl] or [Shift] + Click.' A watermark for 'Activate Windows' is visible in the bottom right. The taskbar at the bottom shows various application icons and system status.



M... X + Q =

Part1

+ Model States: [Primary]

+ Solid Bodies(1)

+ View: [Primary]

+ Origin

+ Extrusion1

- Fillet1

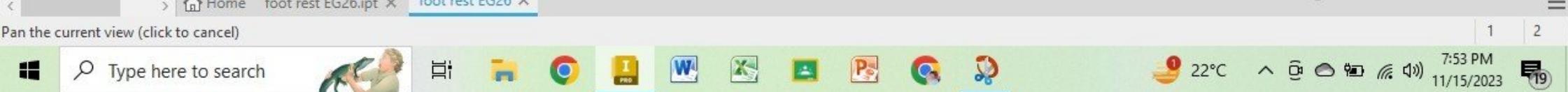
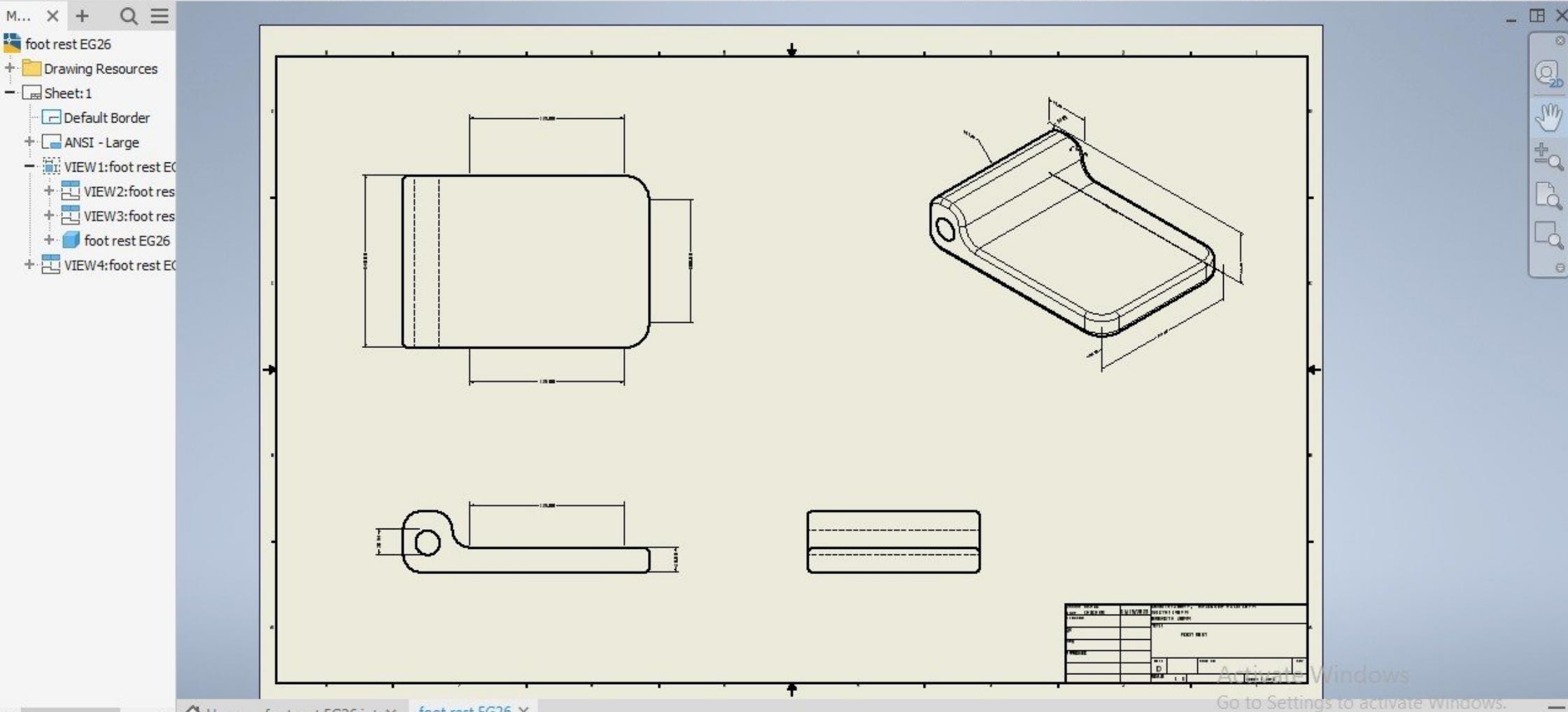
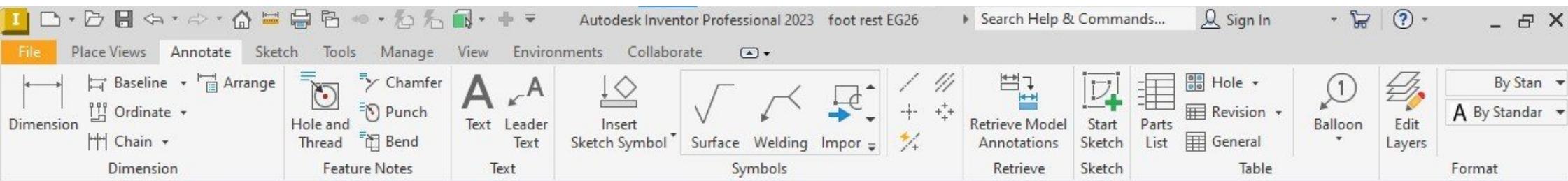
- Fillet2

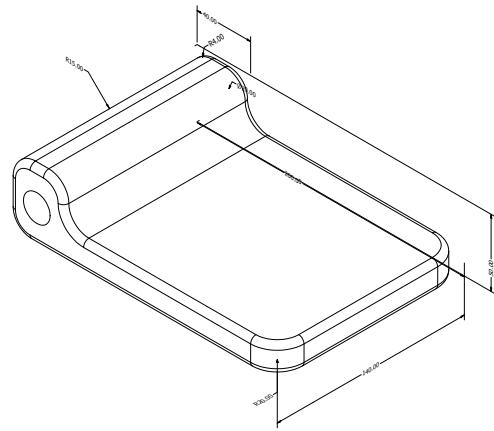
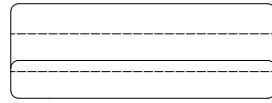
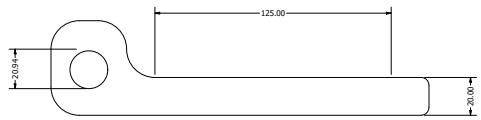
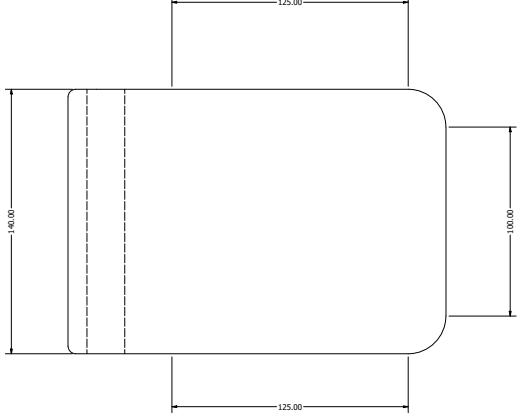
- Fillet3

End of Part

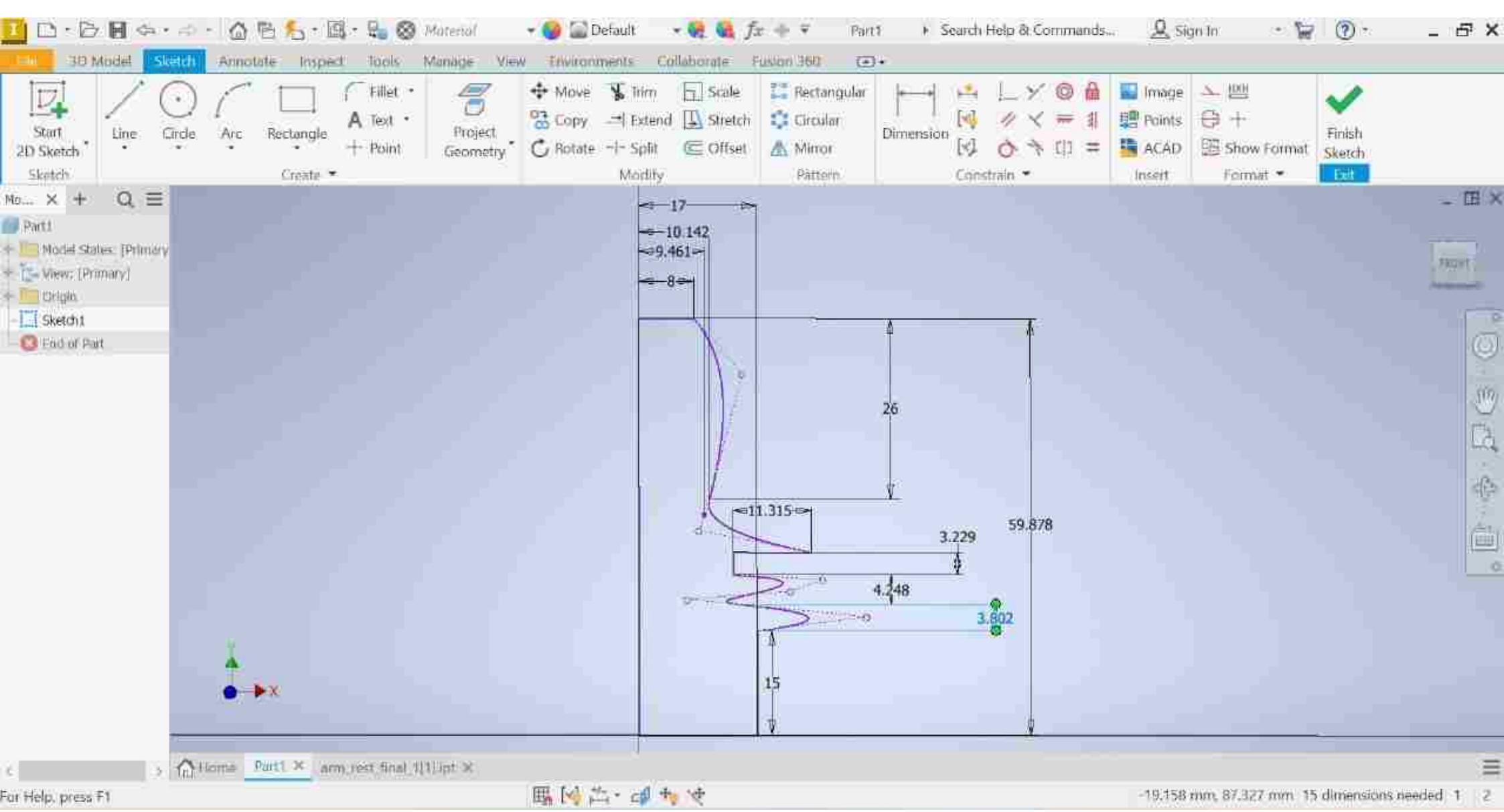
Activate Windows
Go to Settings to activate Windows.

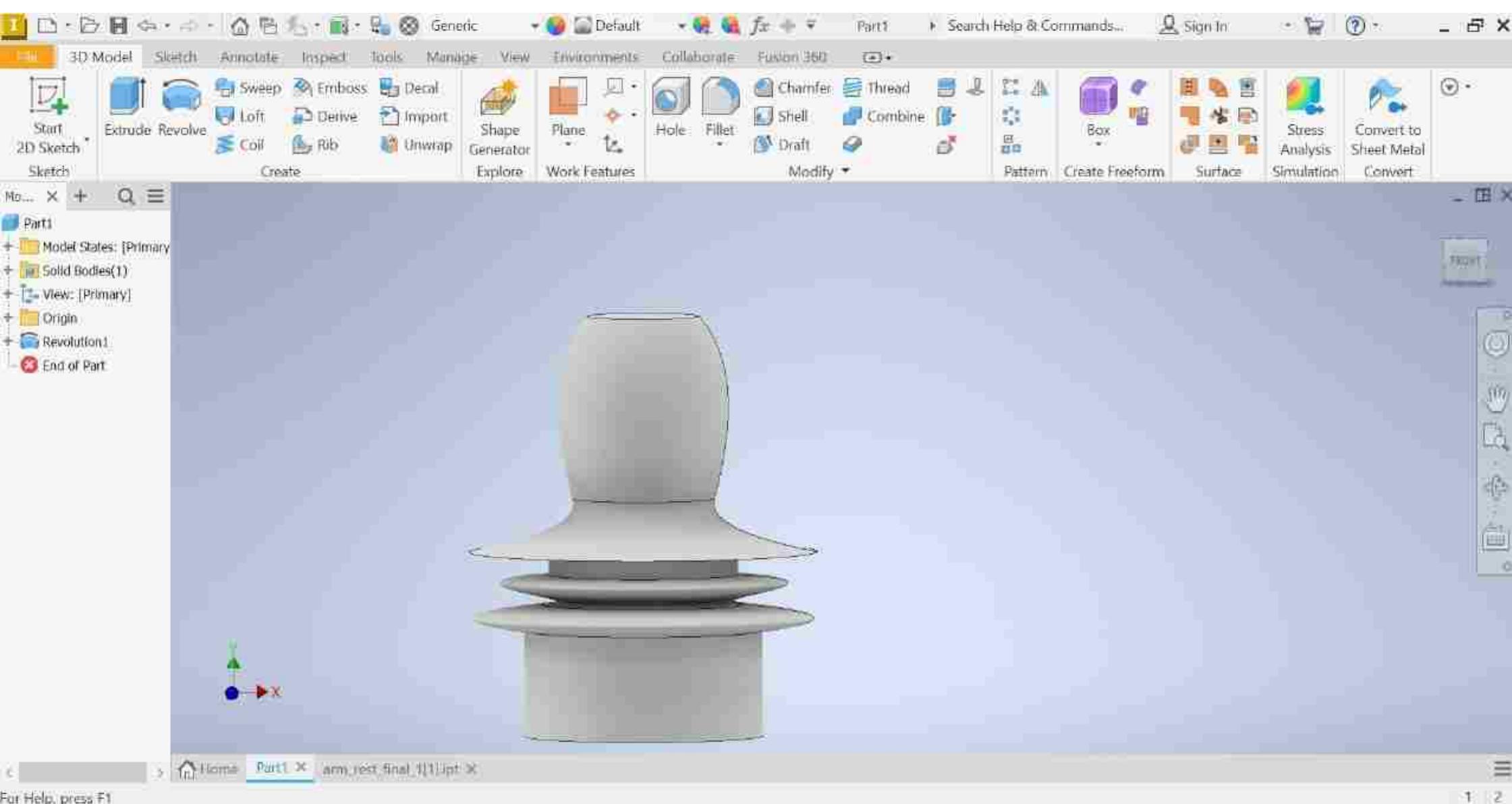
Home Part1 X

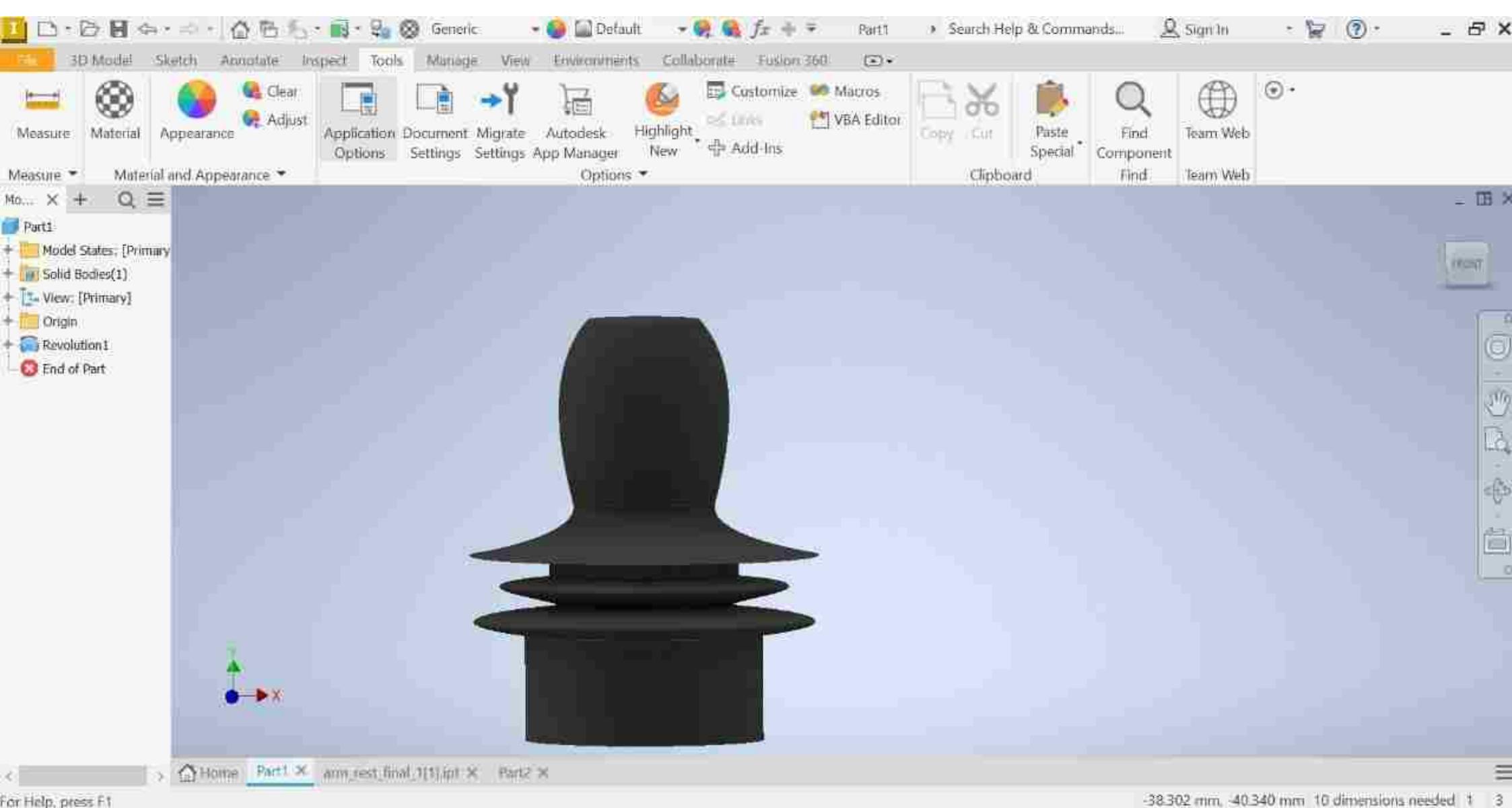




BROWN TORELL	11/15/2023	LENGTH: 200MM
Assem - RIGGAR		WIDTH: 140MM
CHECKED		BREADTH: 20MM
QA		TITLE
MFG		FOOT REST
APPROVED		SIZE D
		DWG NO EG26
		SCALE 1:1
		REV A
		SHEET 1 OF 1

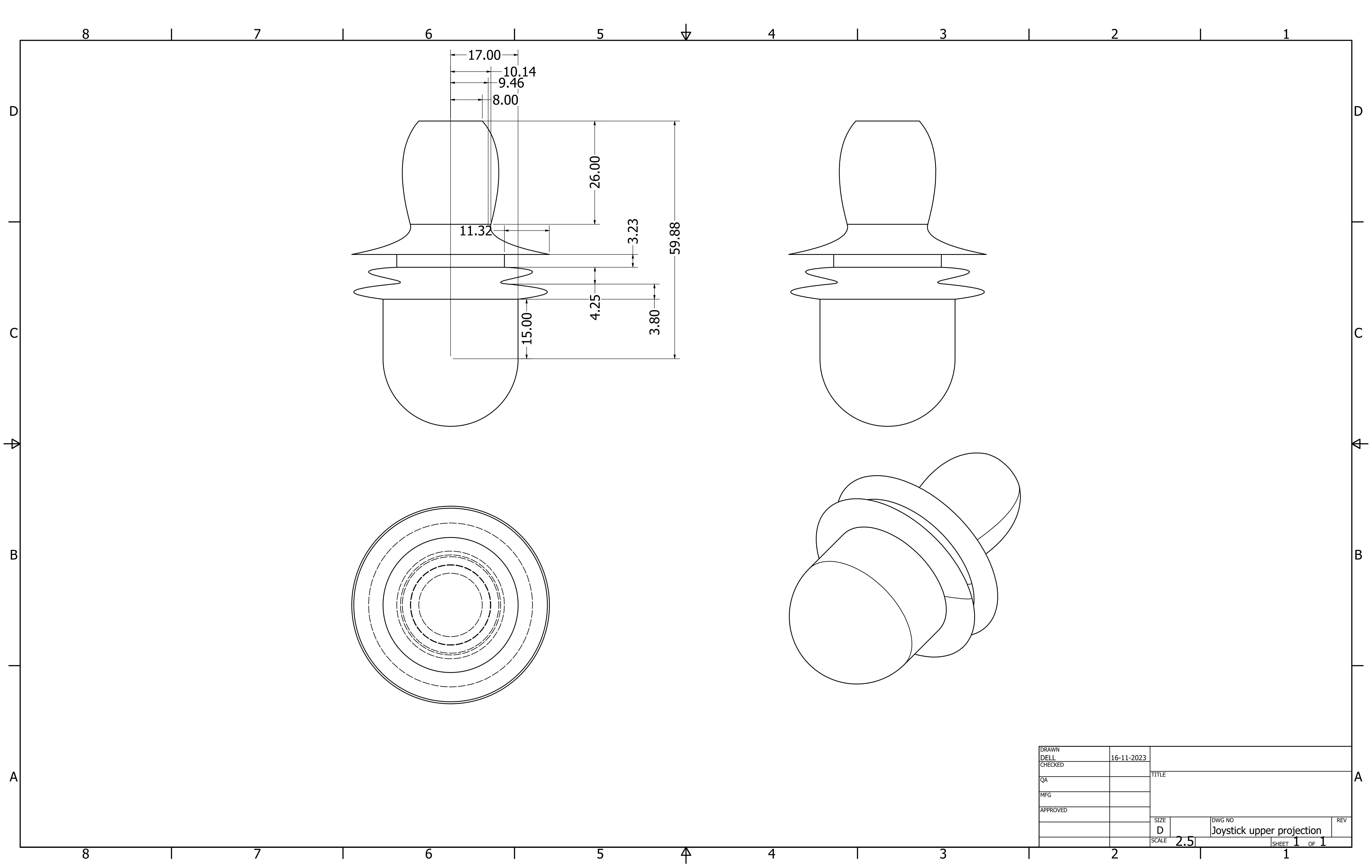




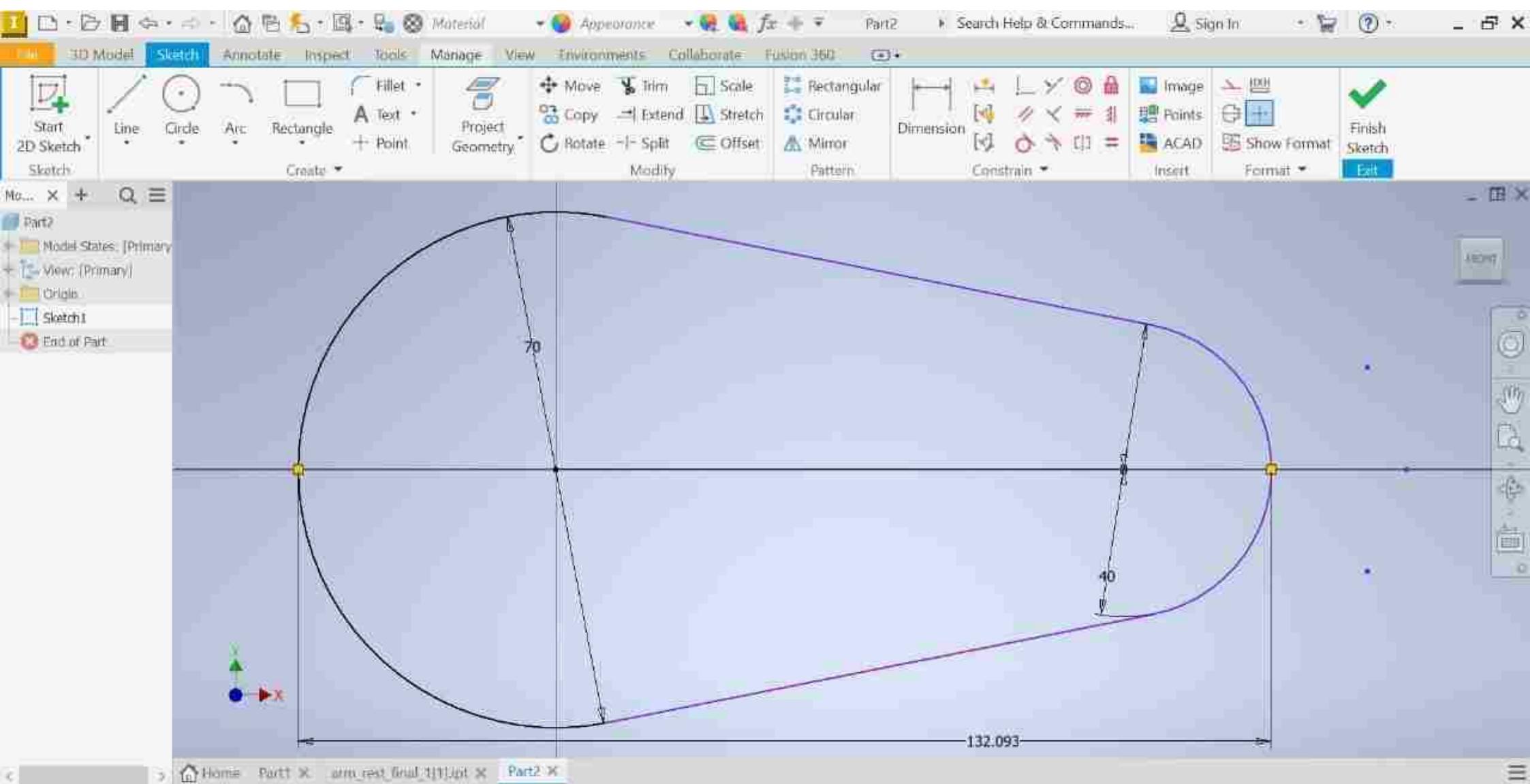


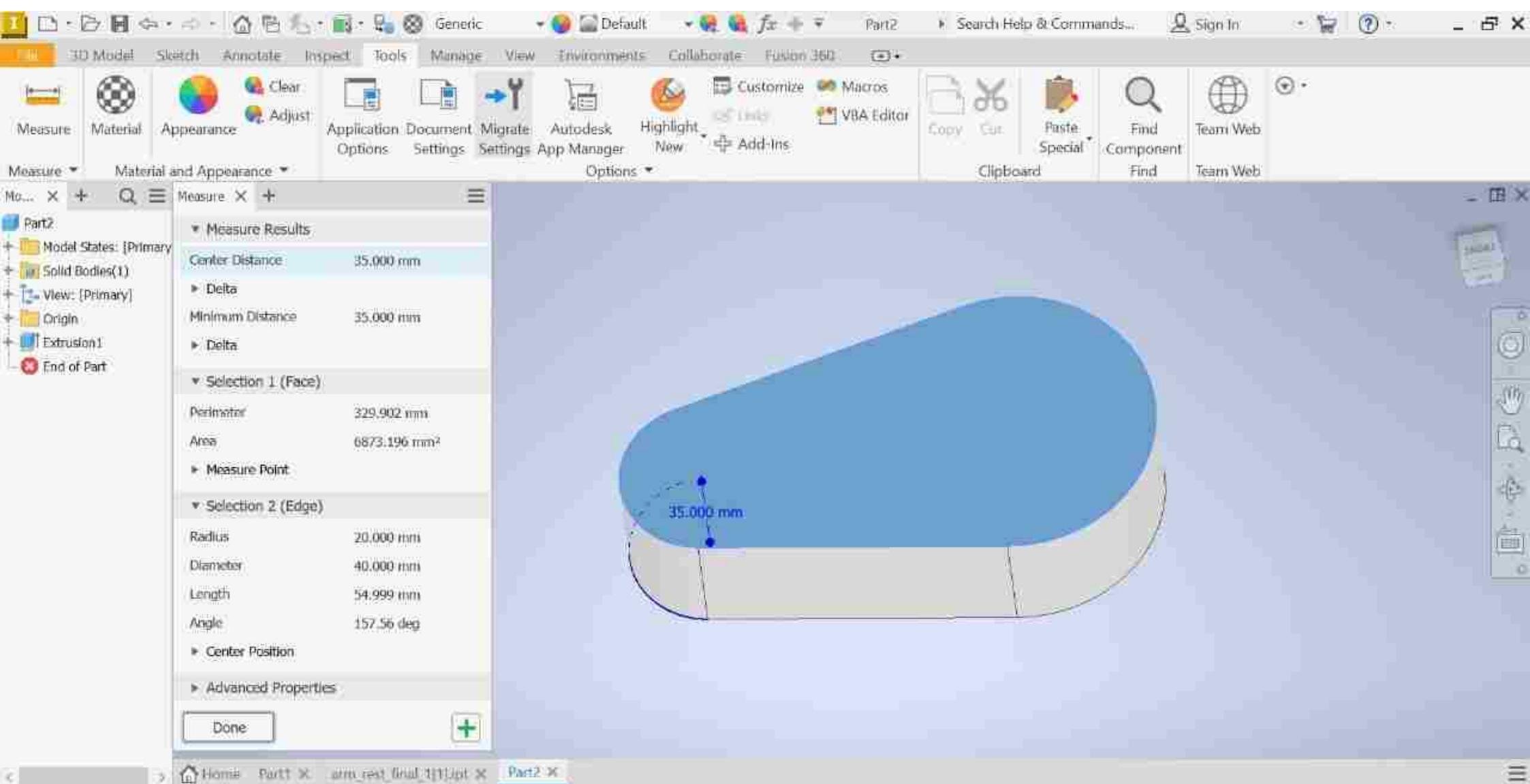
For Help, press F1

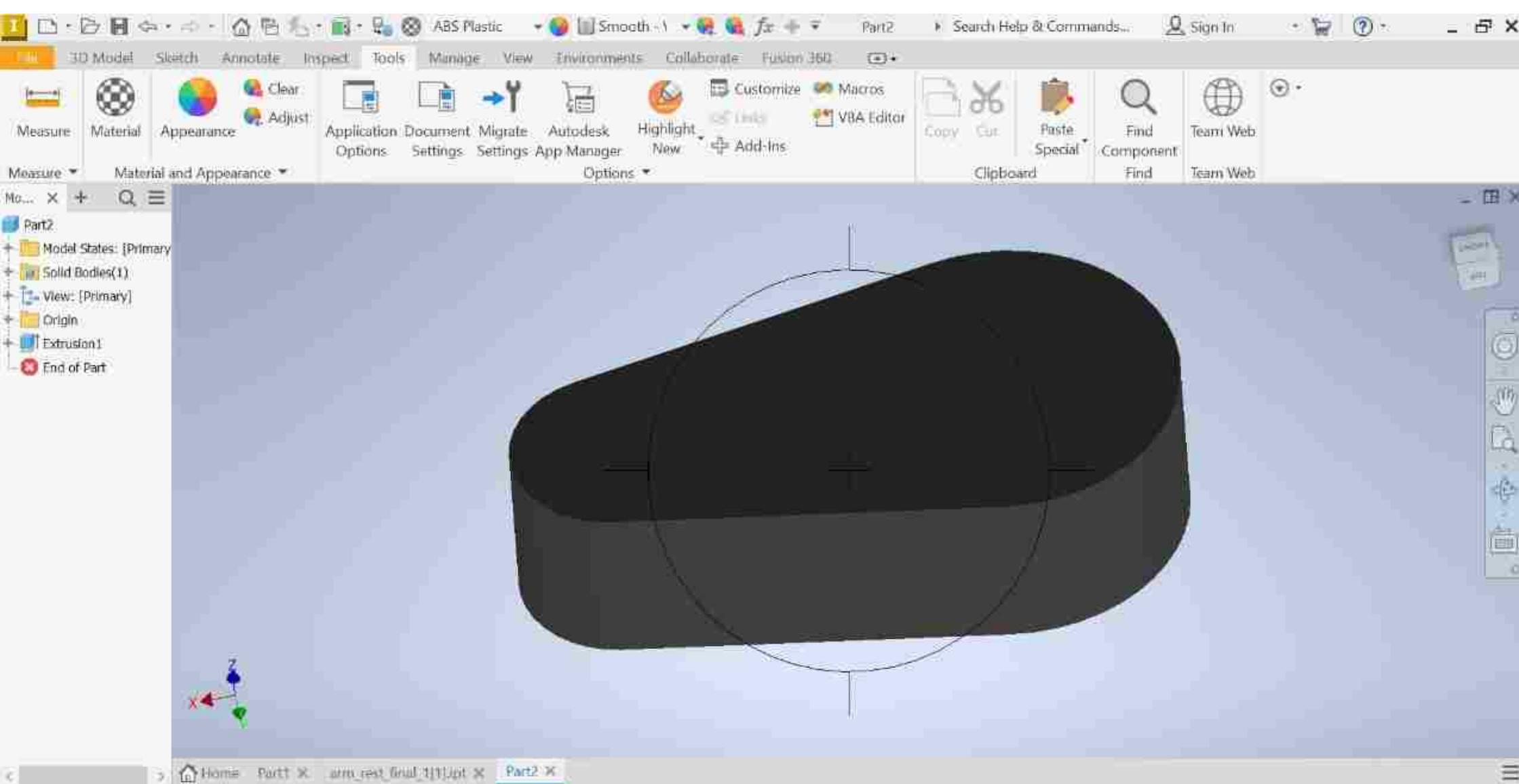
-38.302 mm, -40.340 mm 10 dimensions needed 1 3

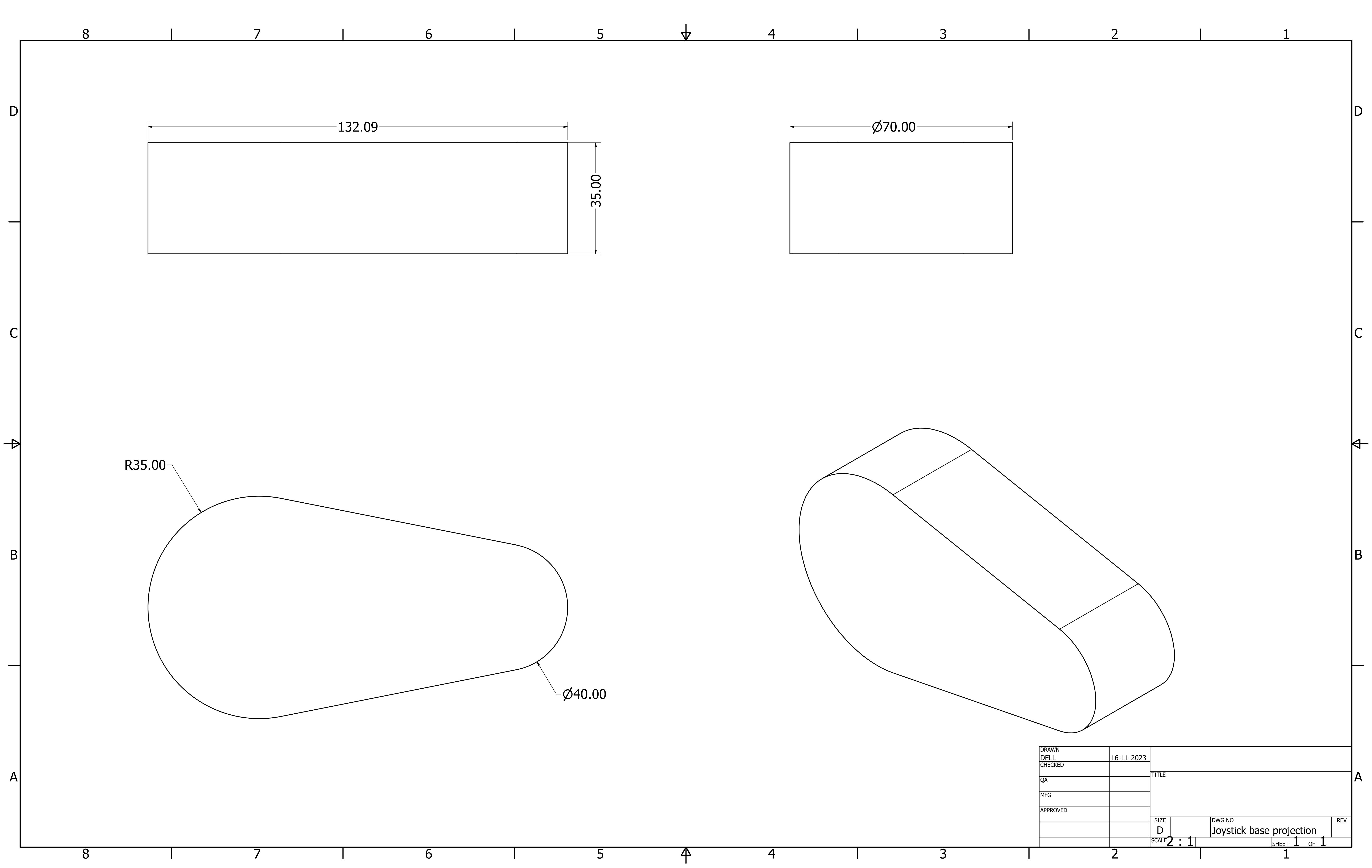


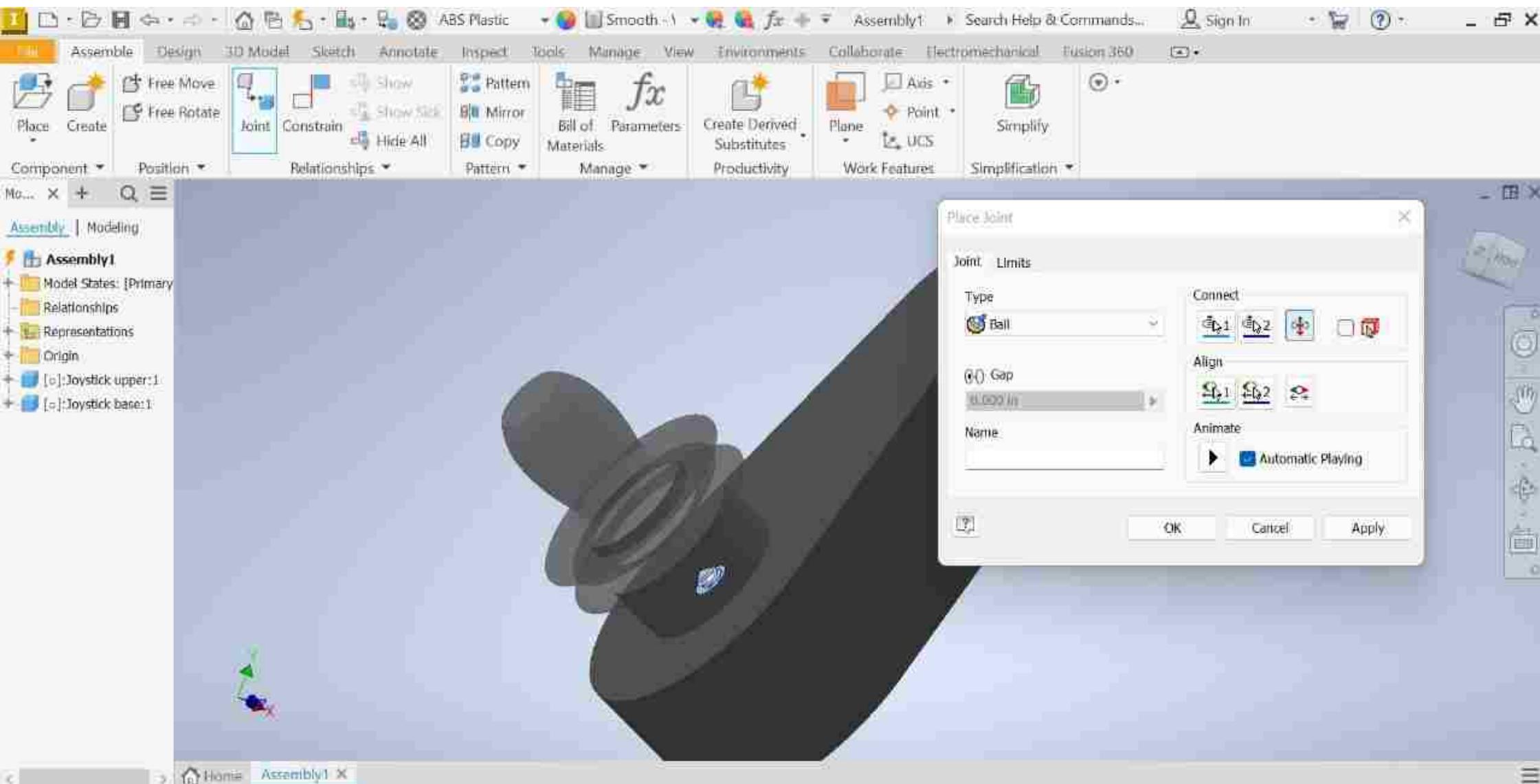
DRAWN DELL	16-11-2023	TITLE		
CHECKED				
QA				
MFG				
APPROVED				
		SIZE D	SCALE 2.5	DWG NO Joystick upper projection
				REV 1 OF 1

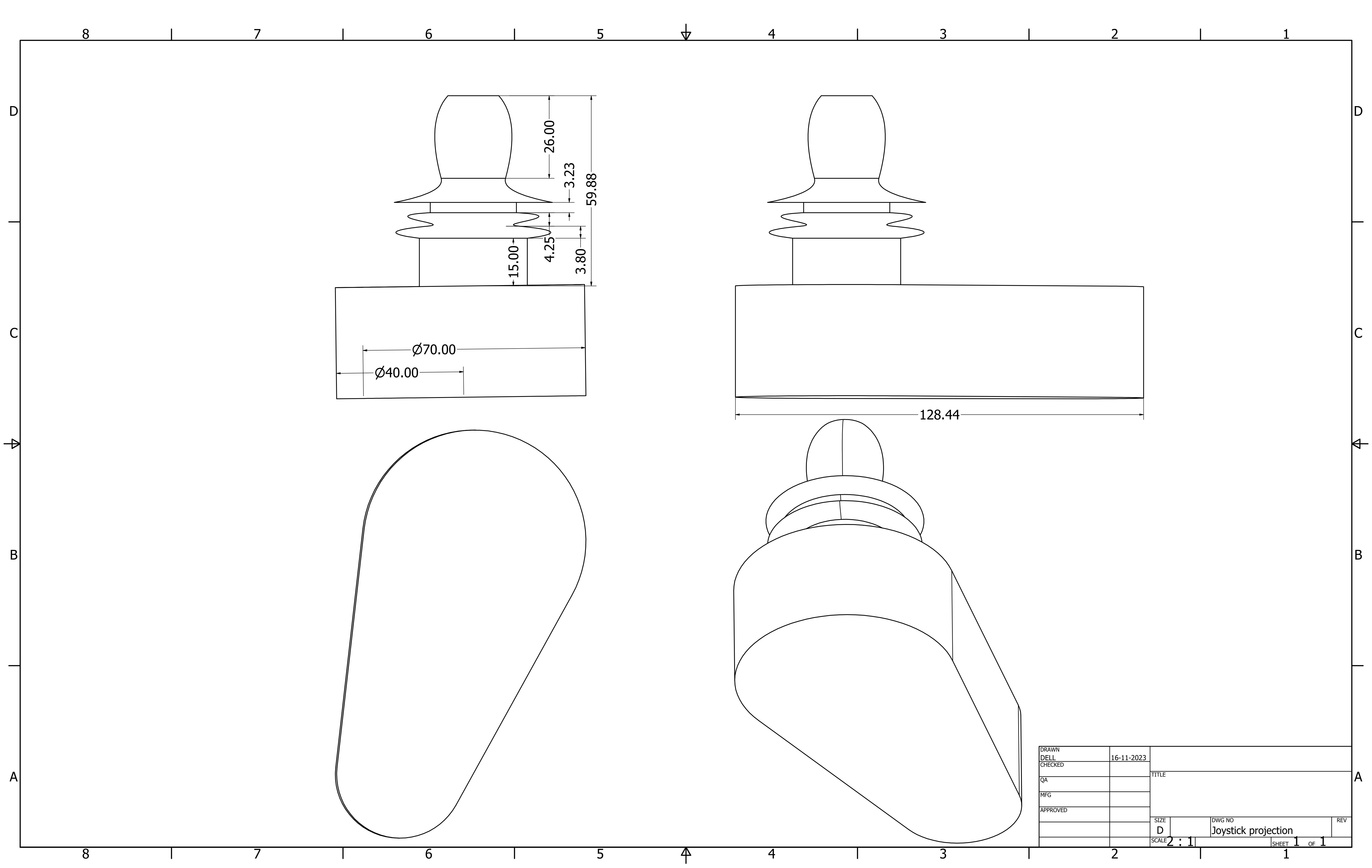


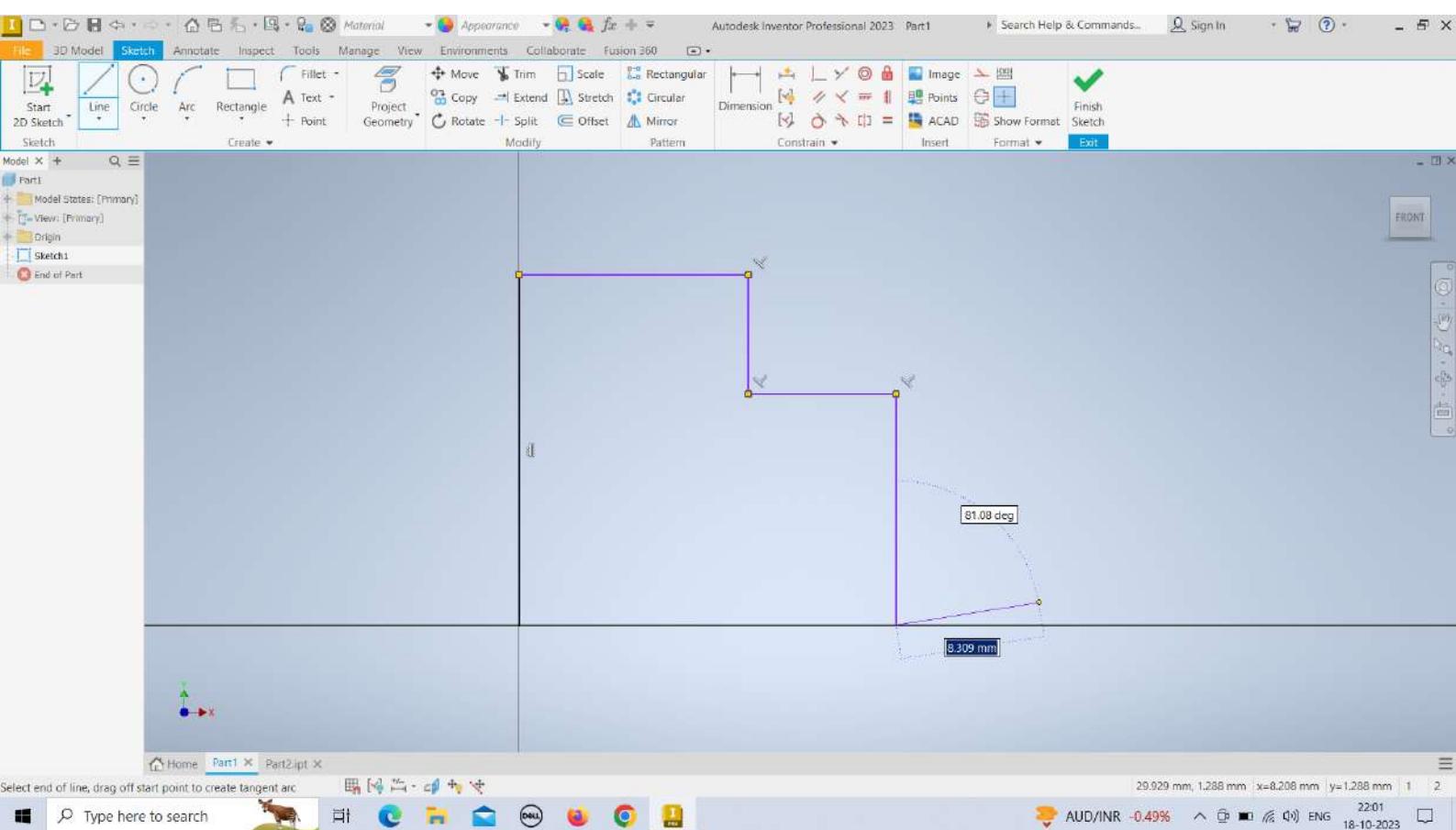


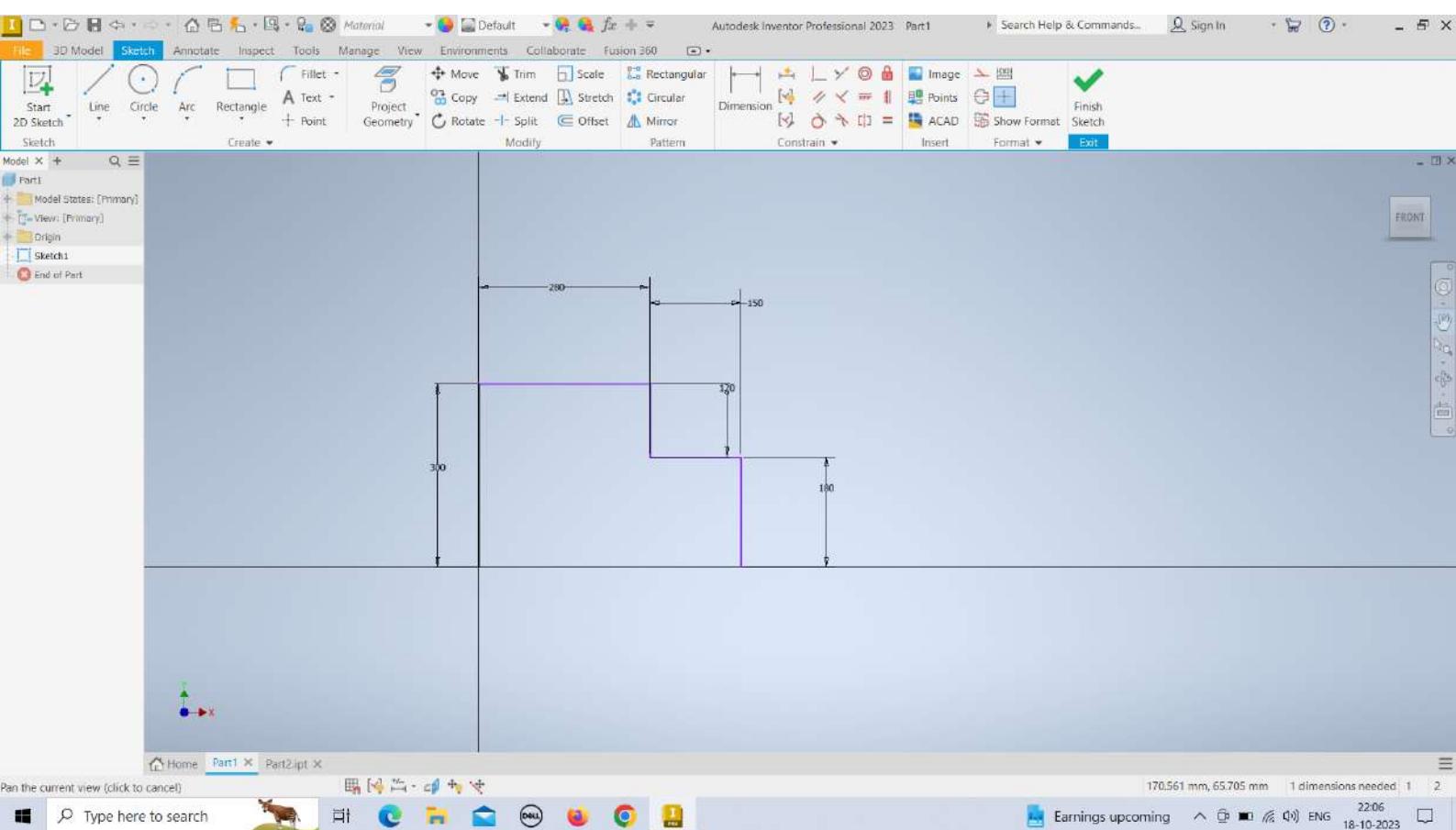








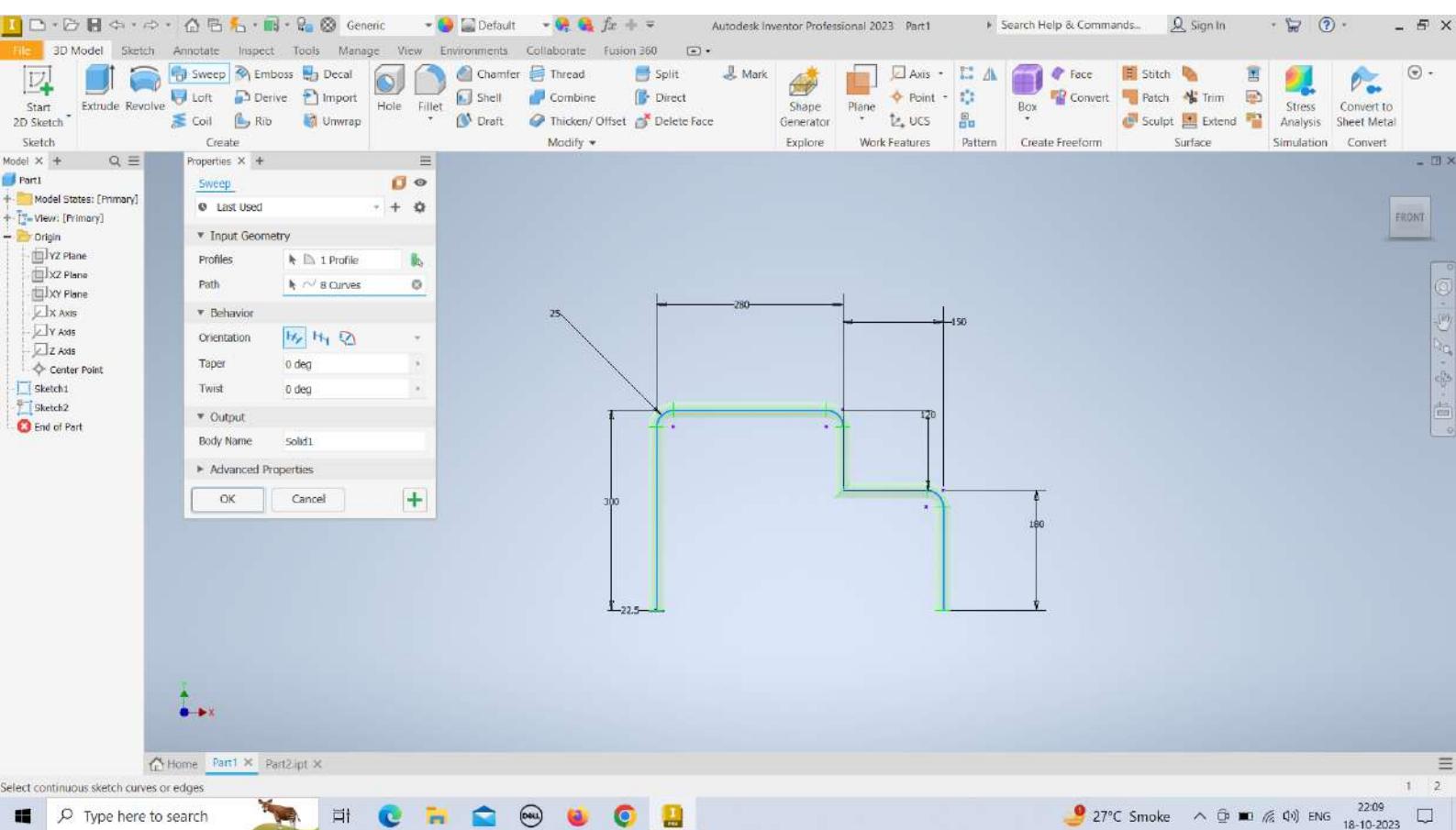




Pan the current view (click to cancel)

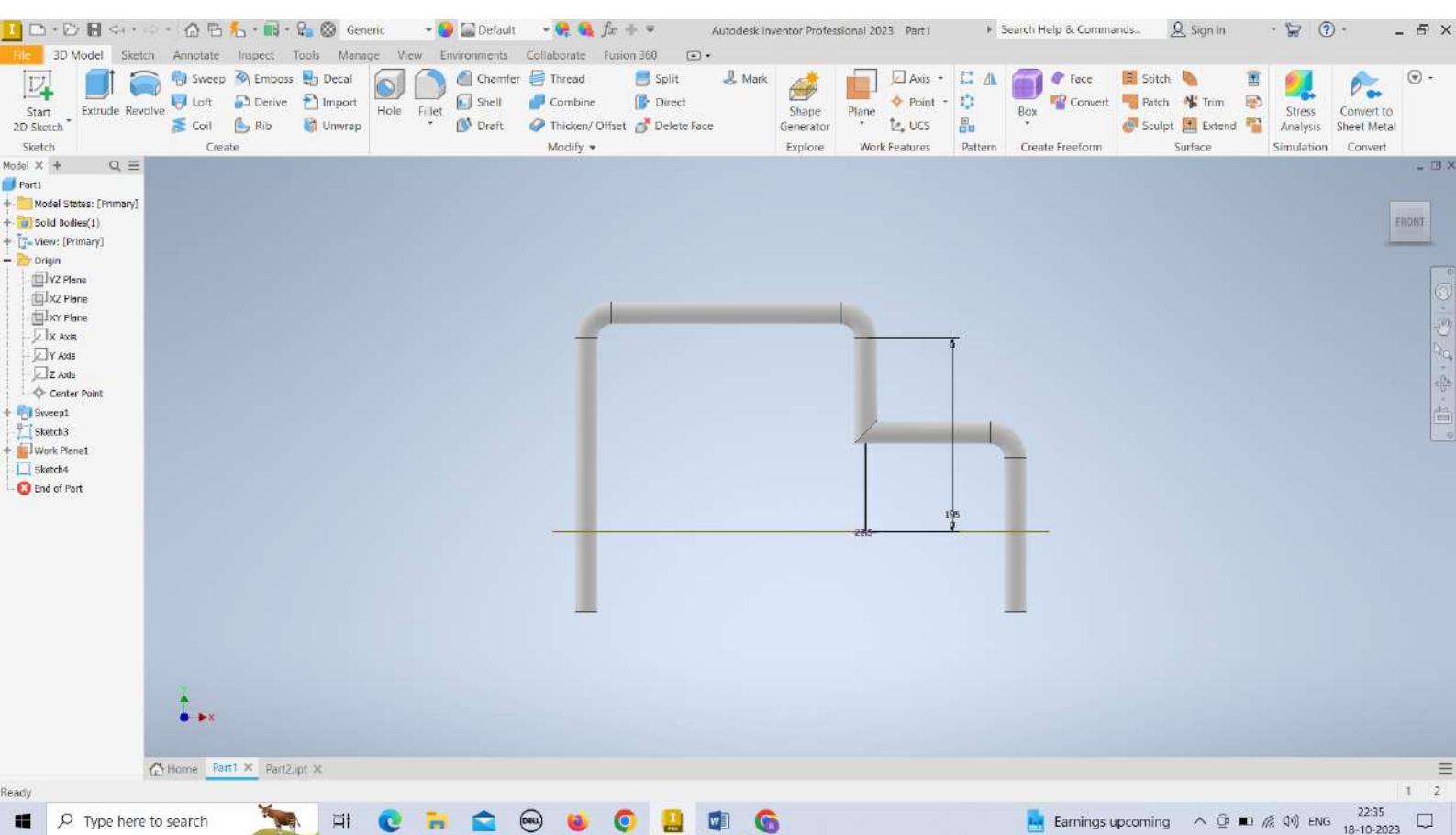
170.561 mm, 65.705 mm 1 dimensions needed: 1

Earnings upcoming 22:06
18-10-2023



Select continuous sketch curves or edges

27°C Smoke 22.09 18-10-2023



Ready

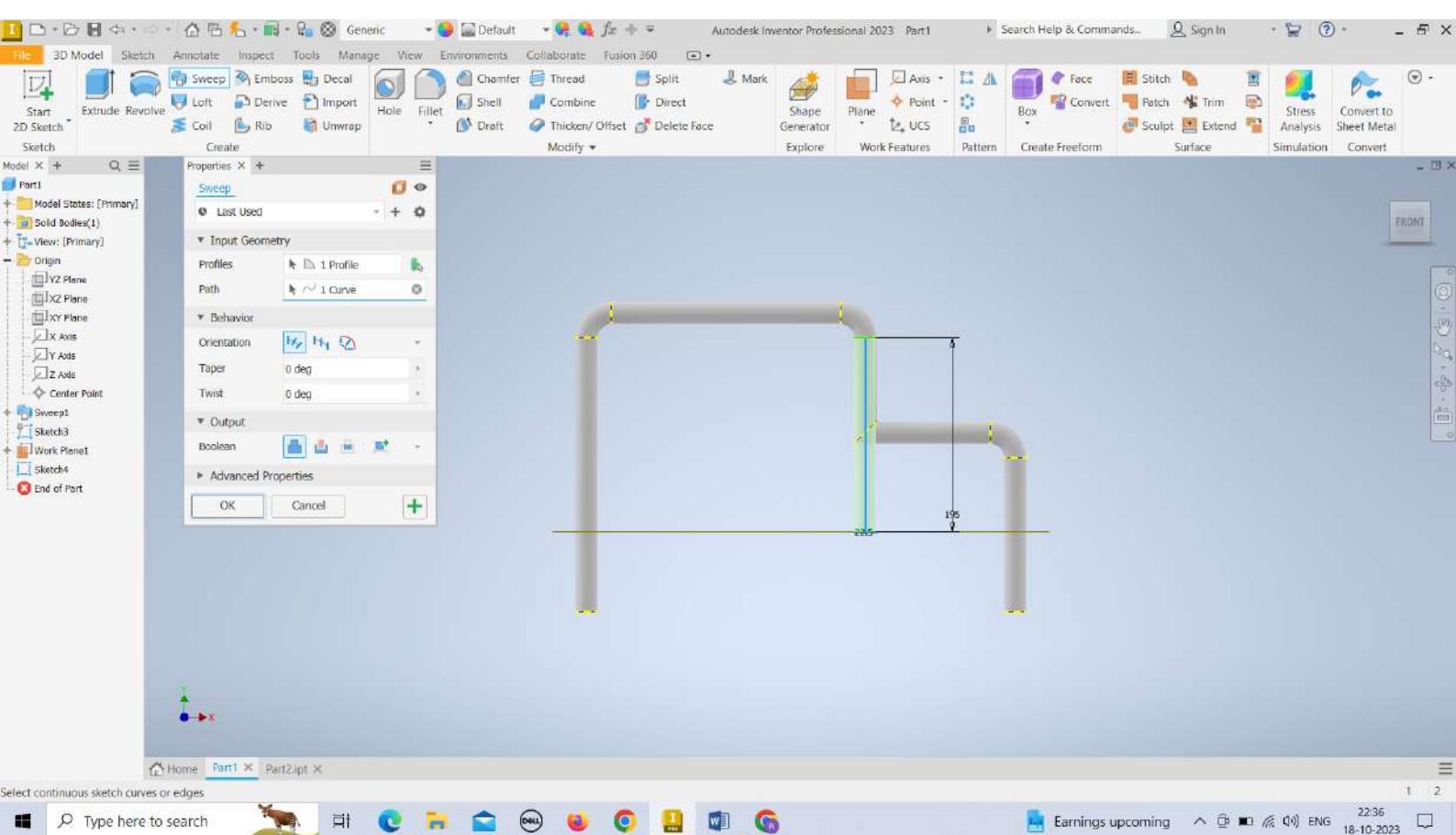
Type here to search

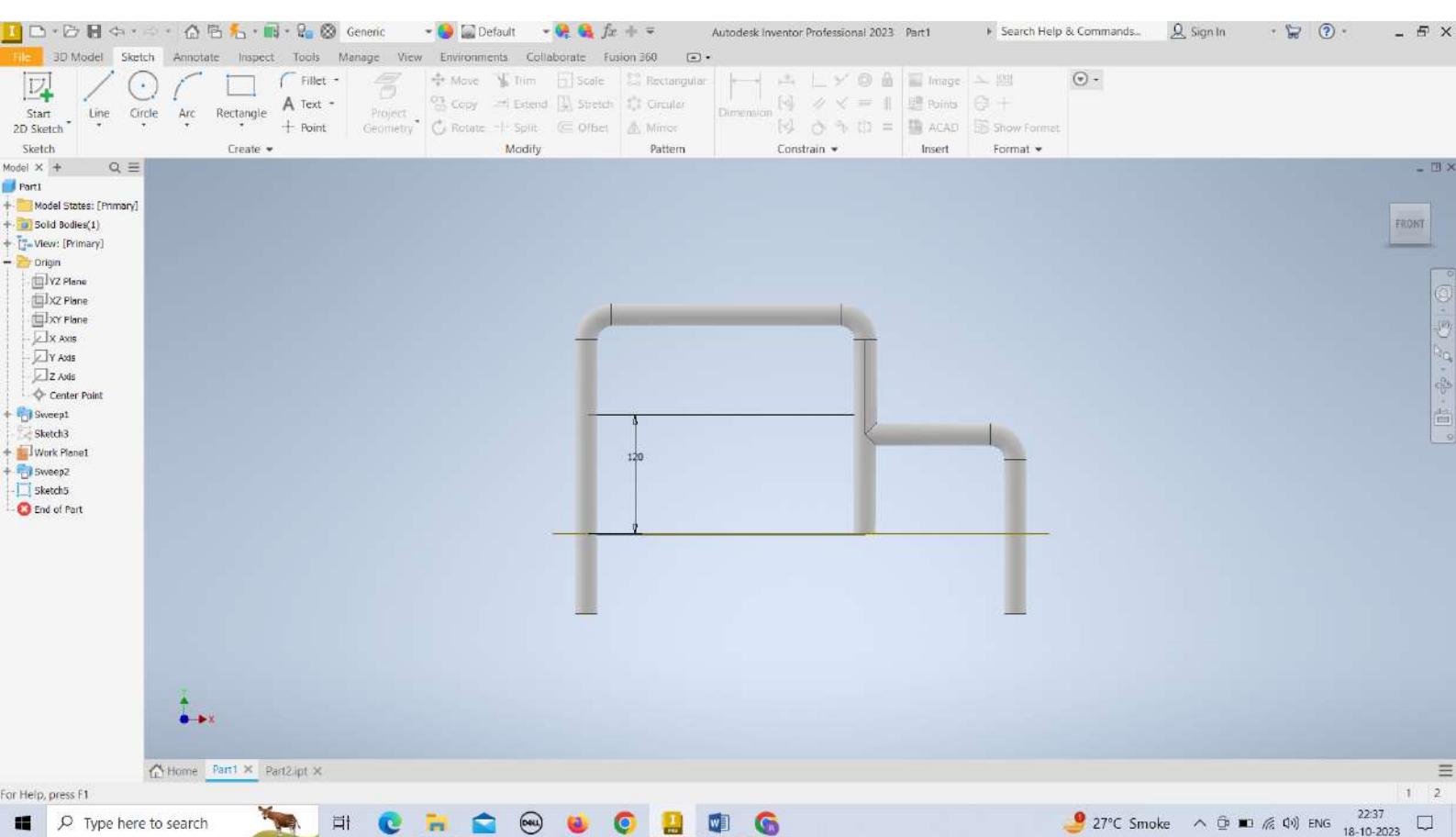


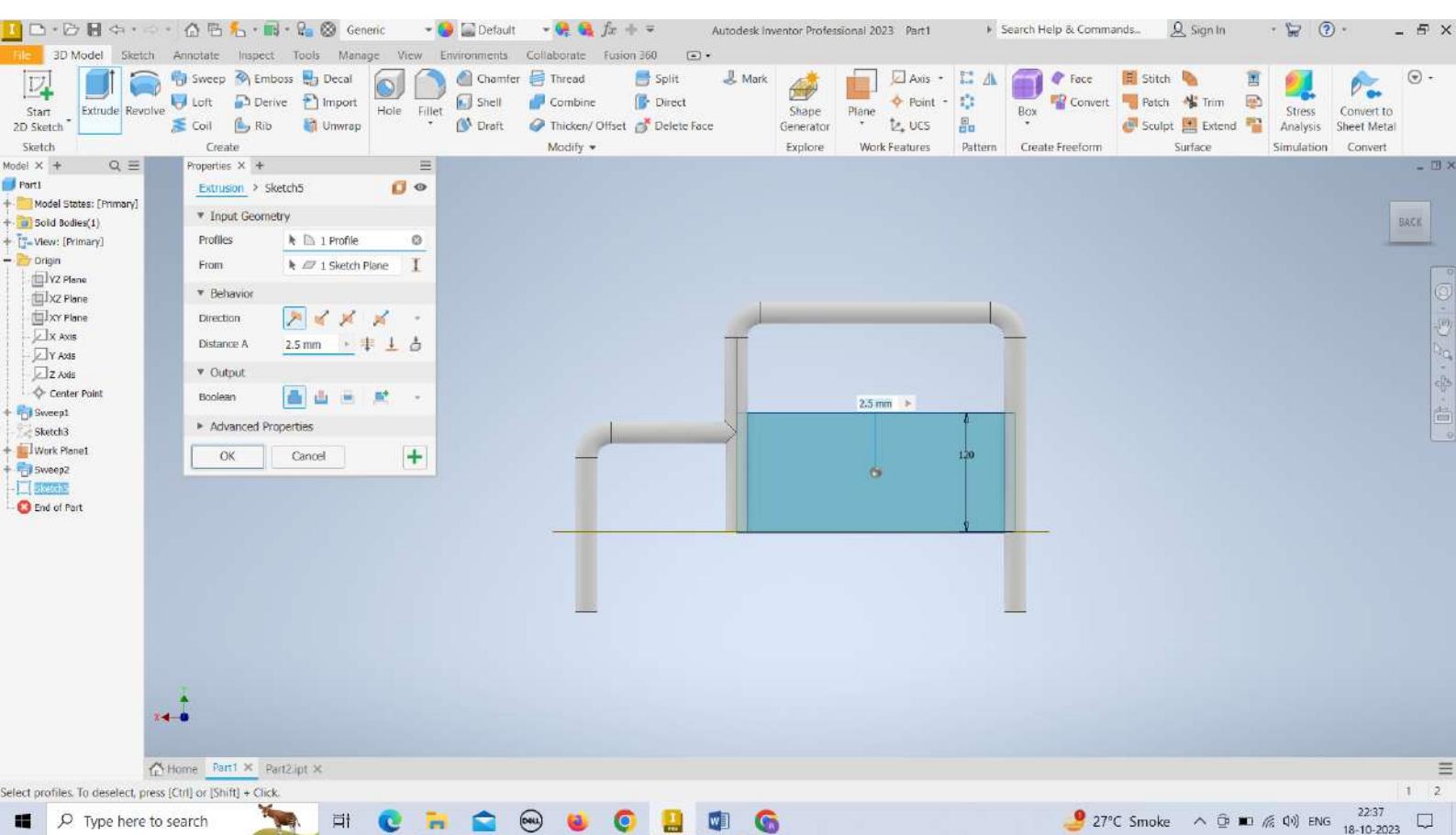
Earnings upcoming

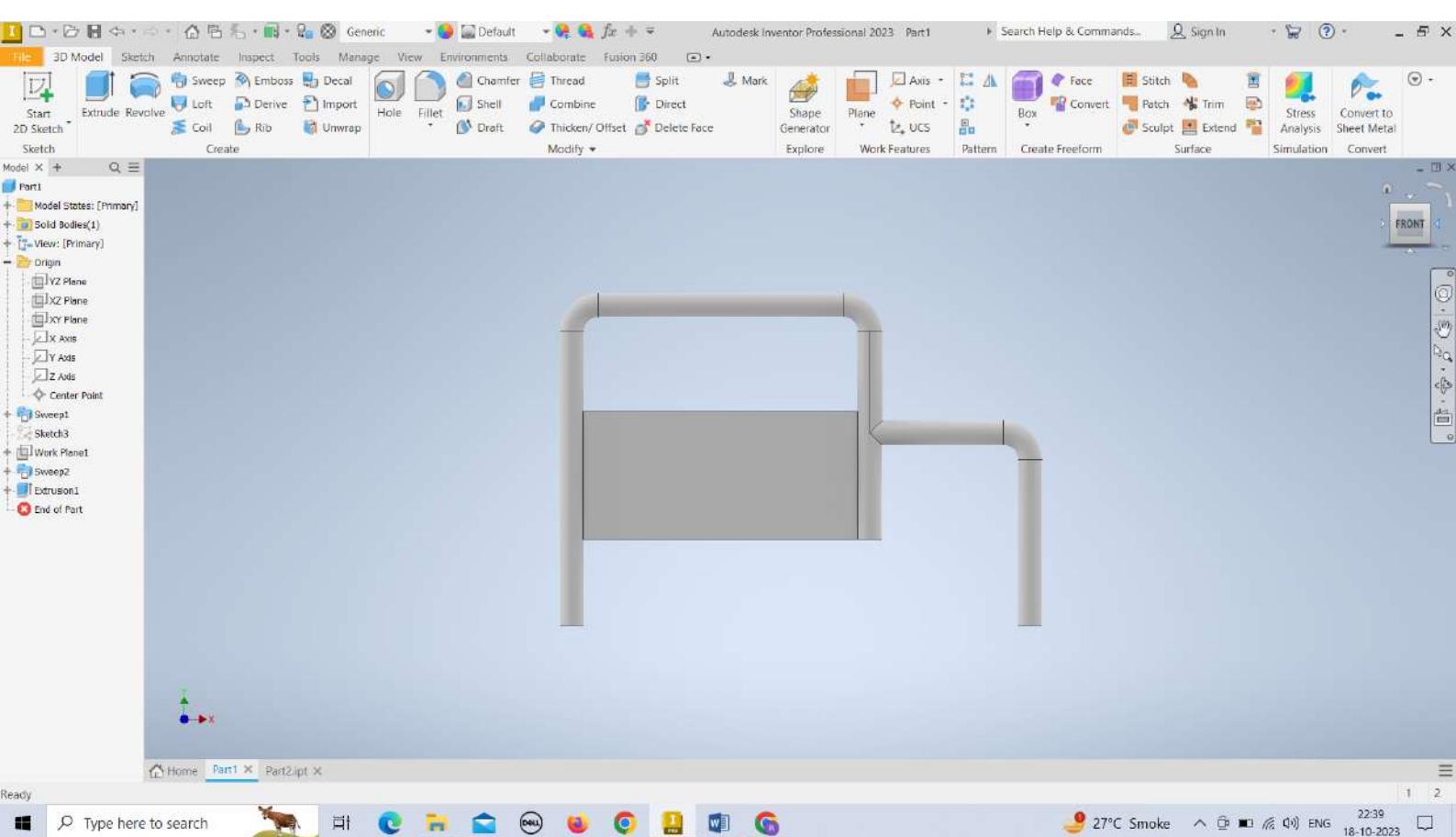


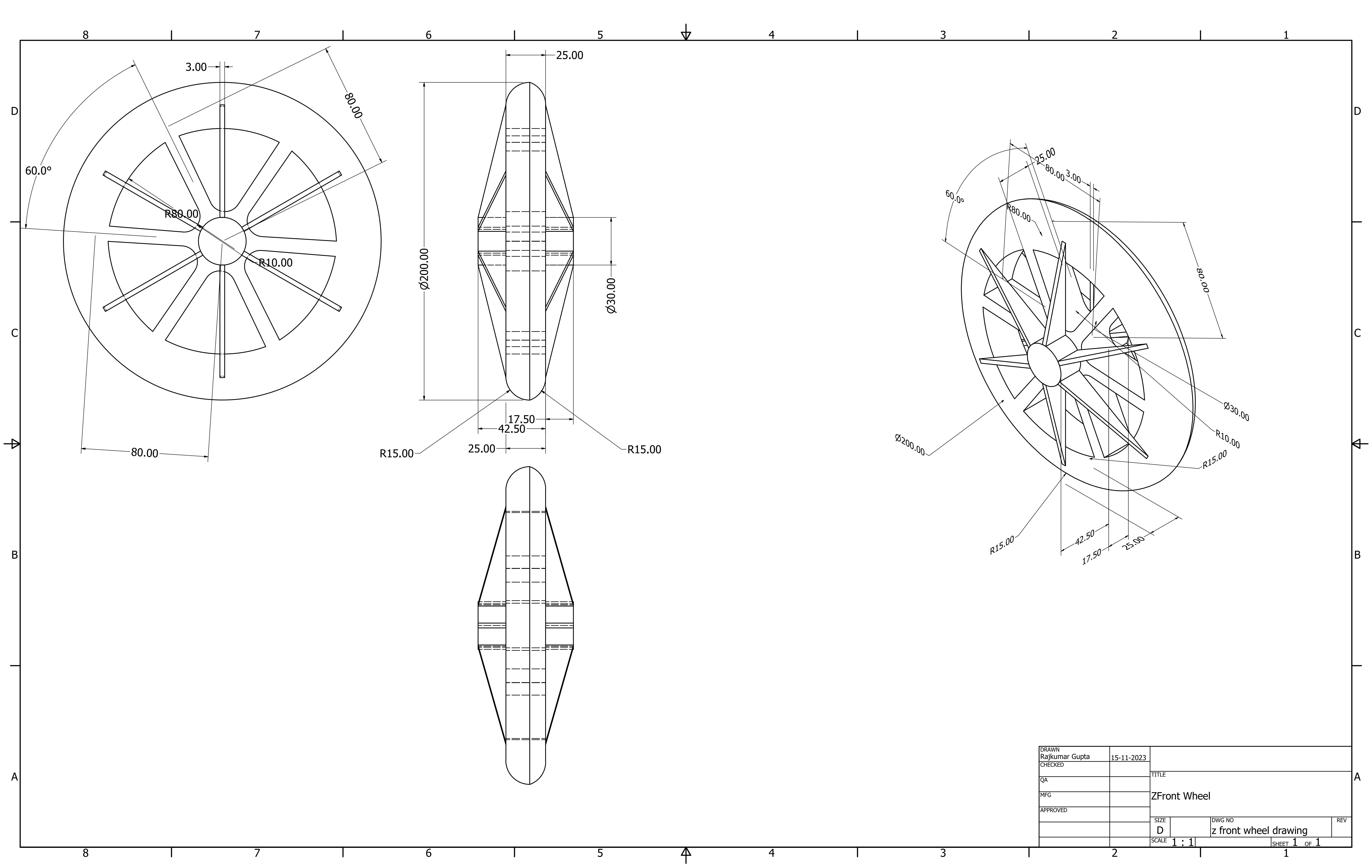
22:35
18-10-2023

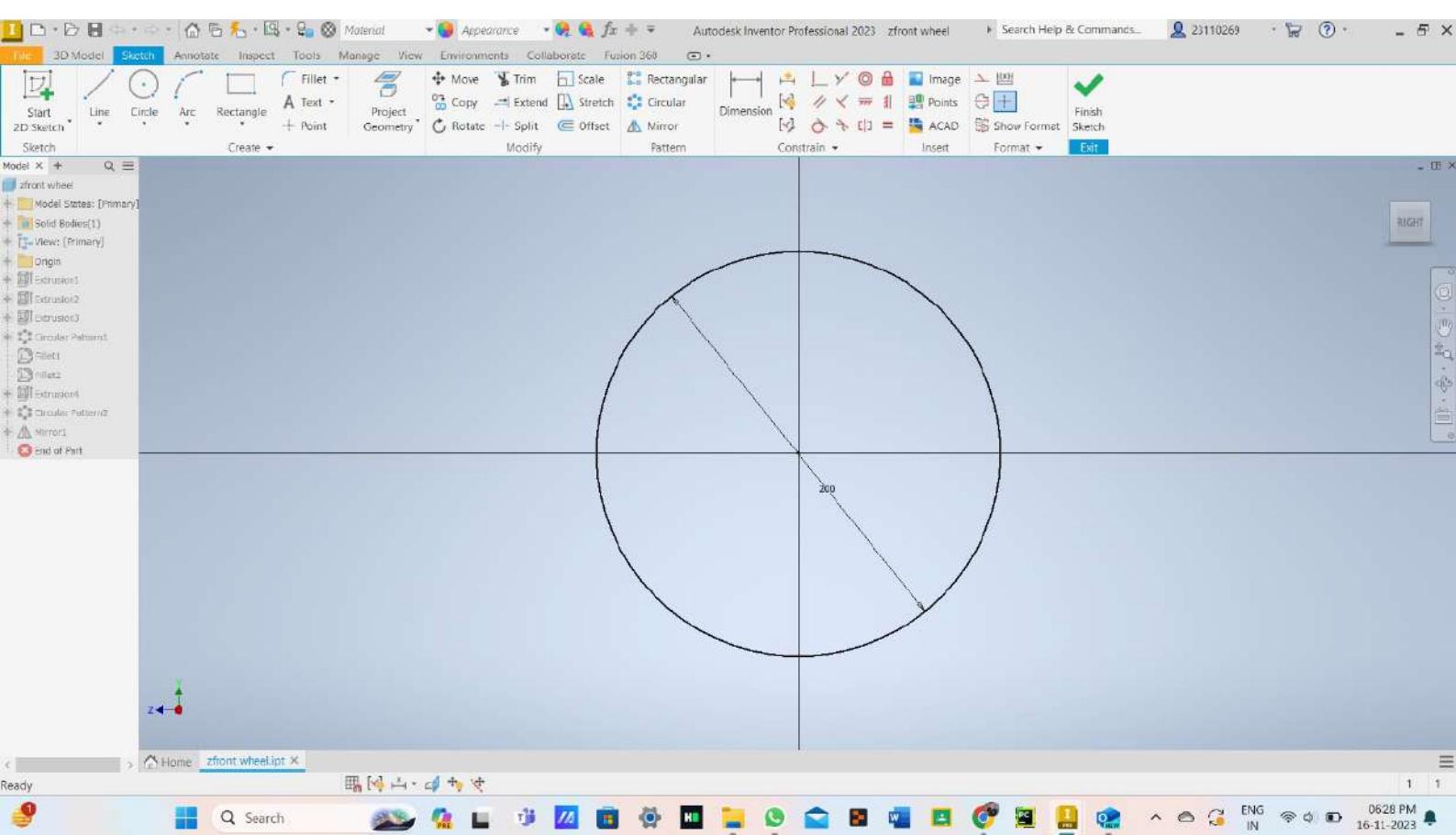


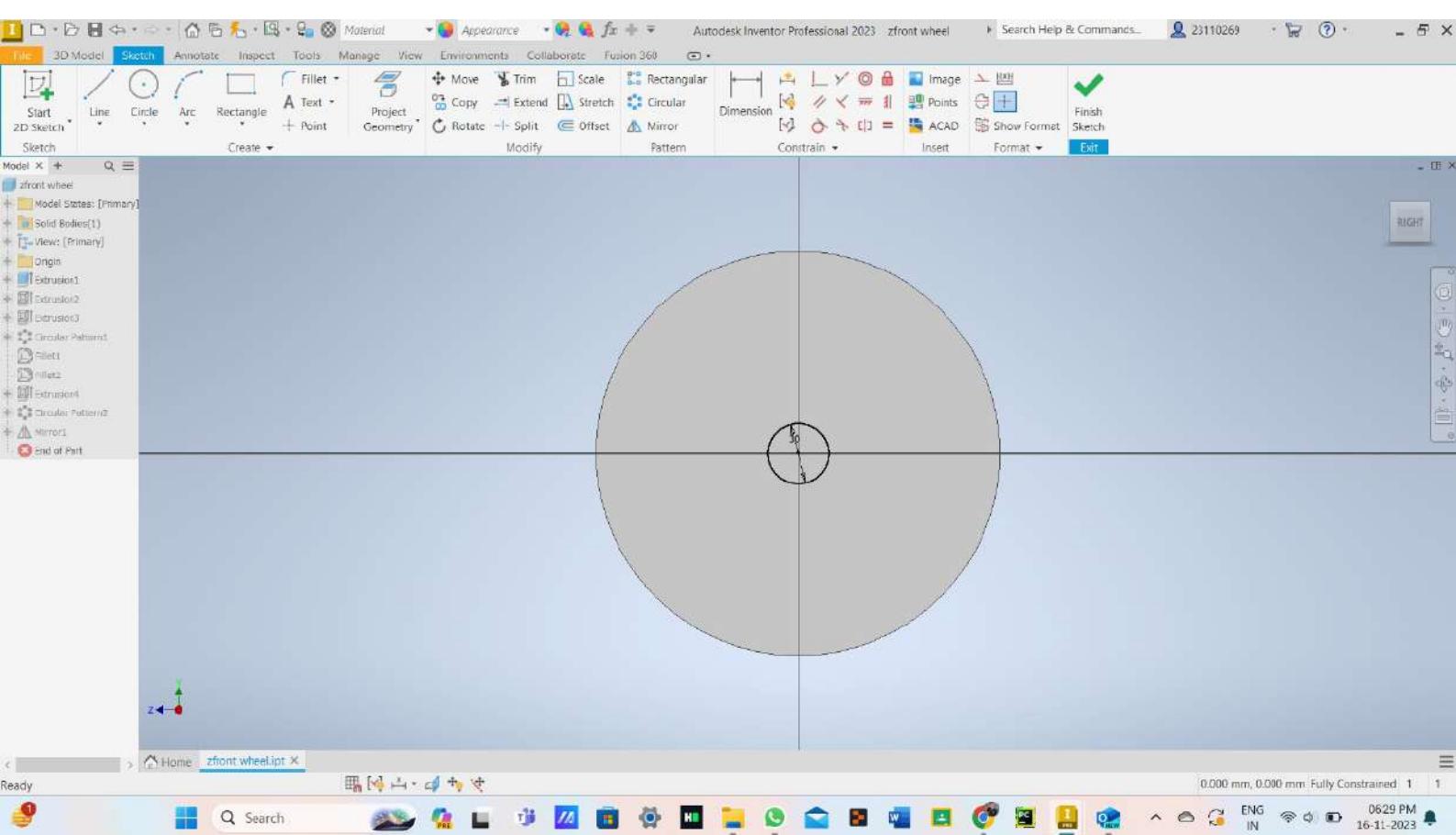


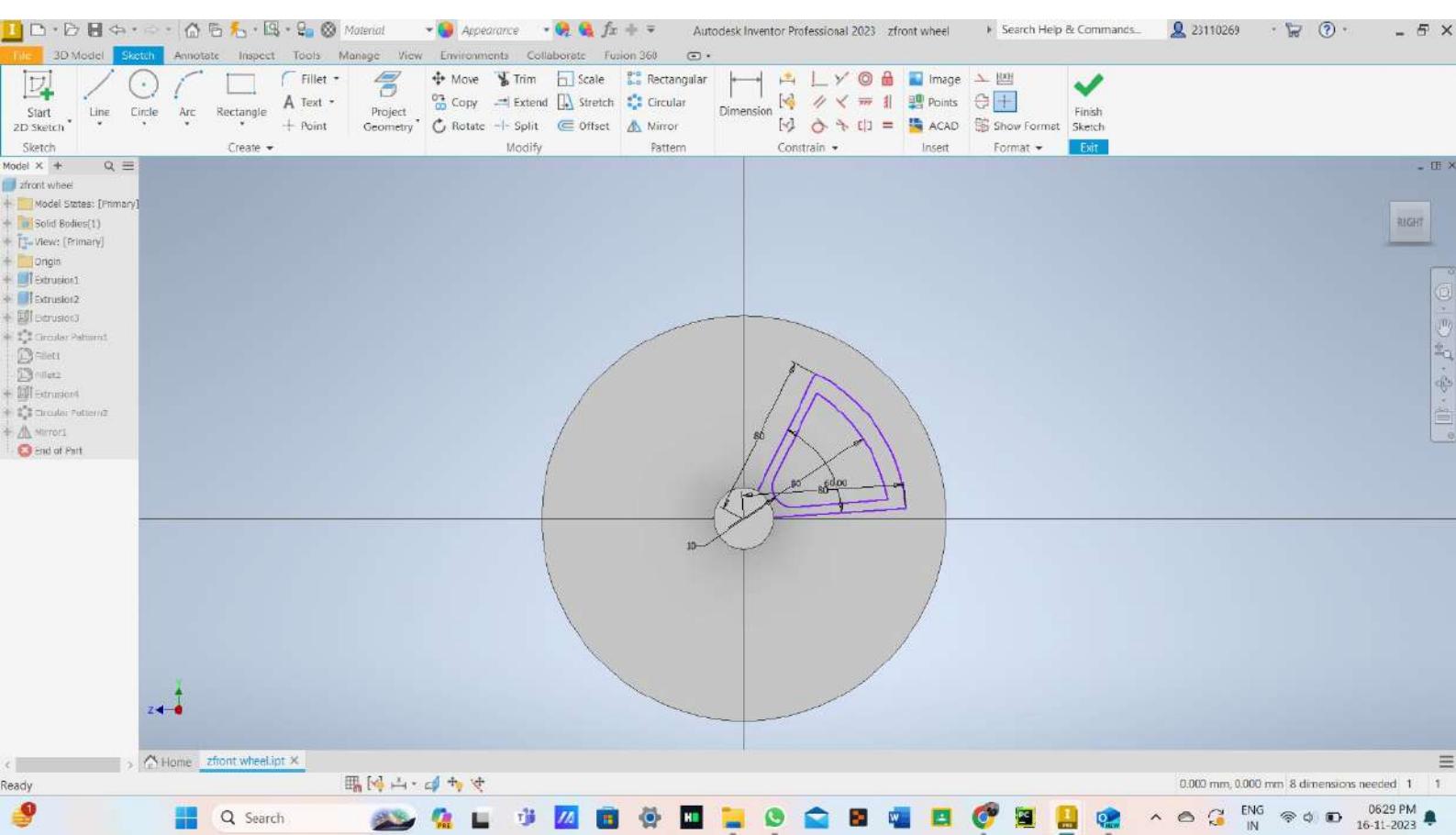


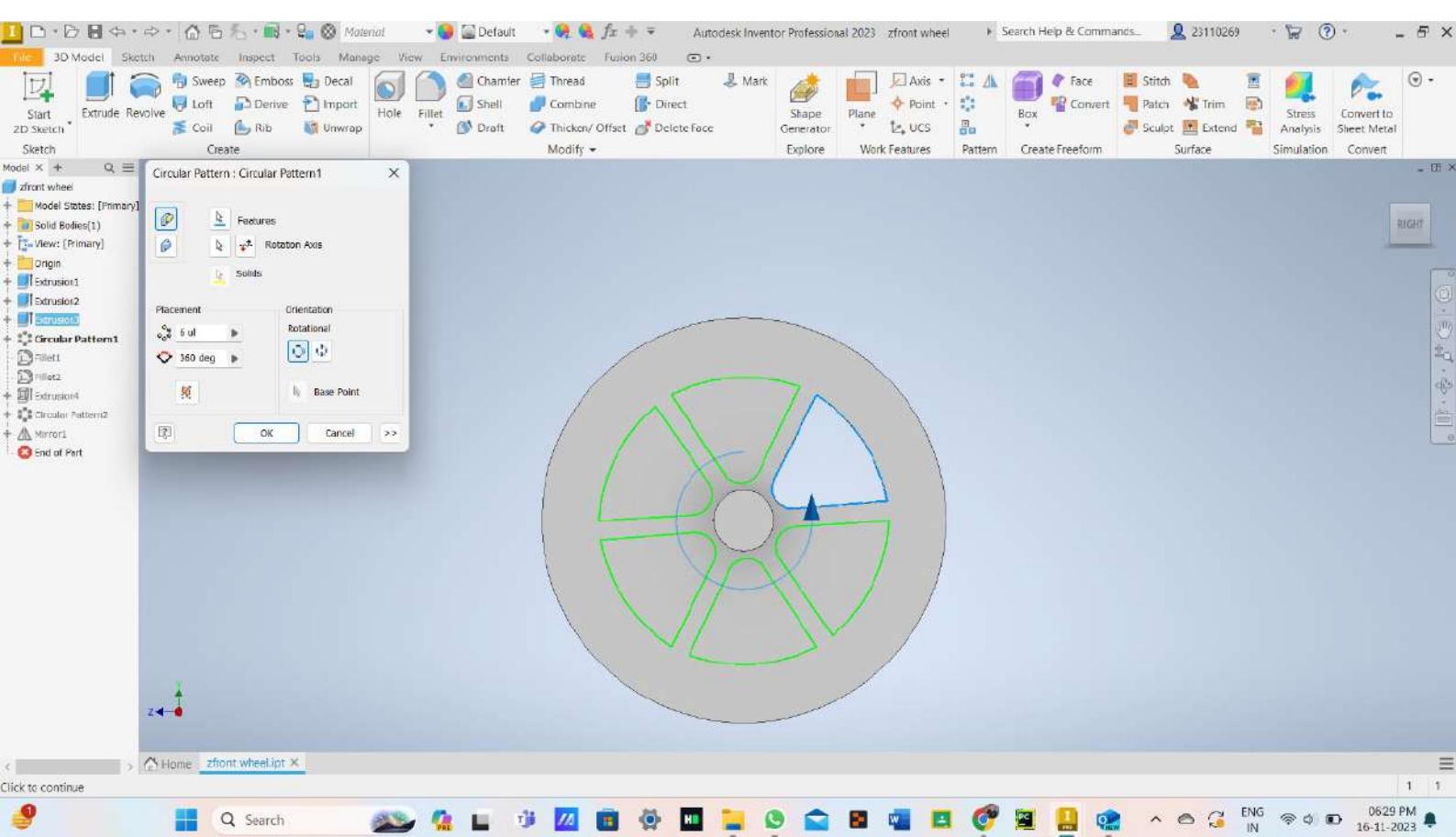


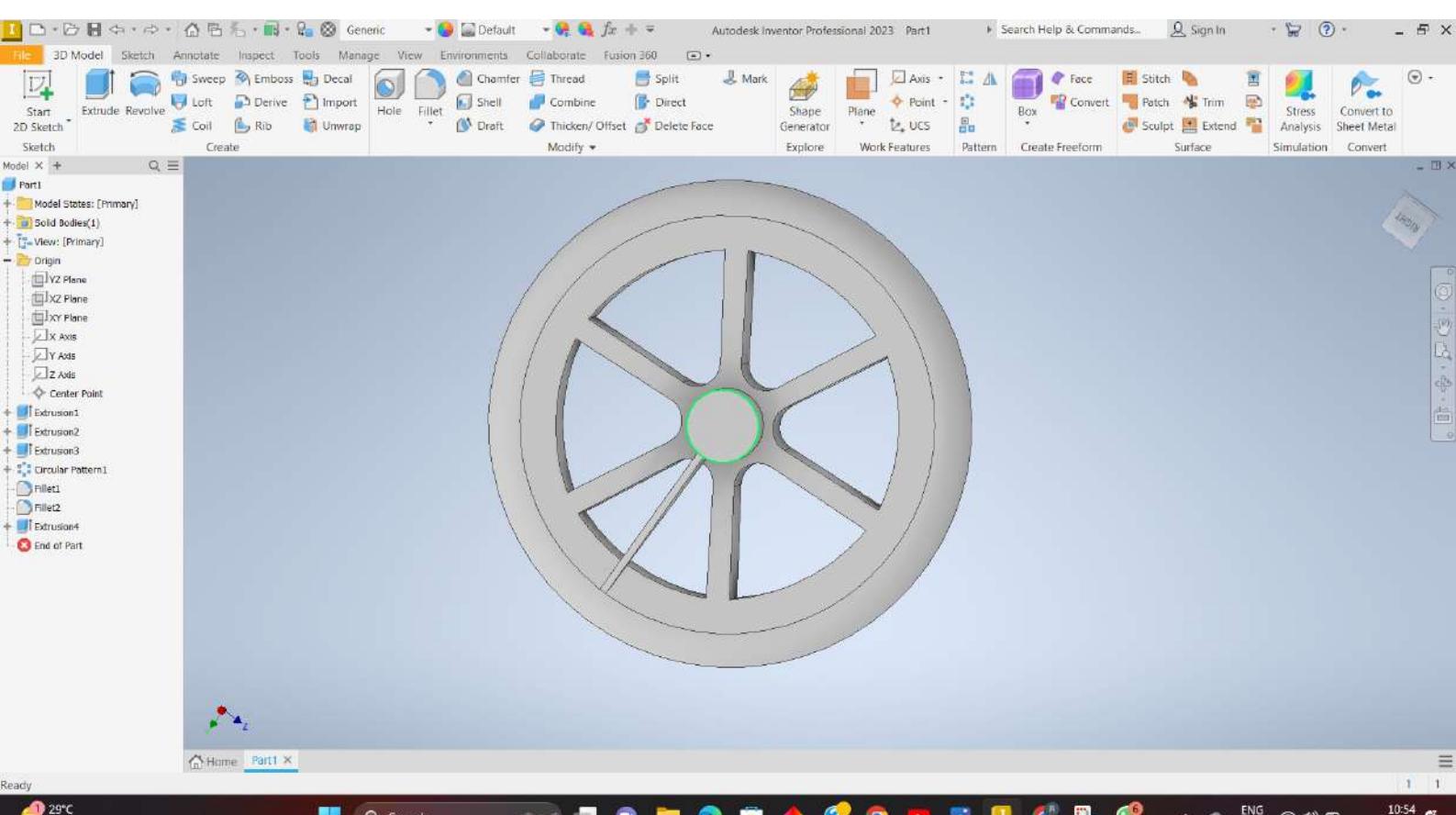


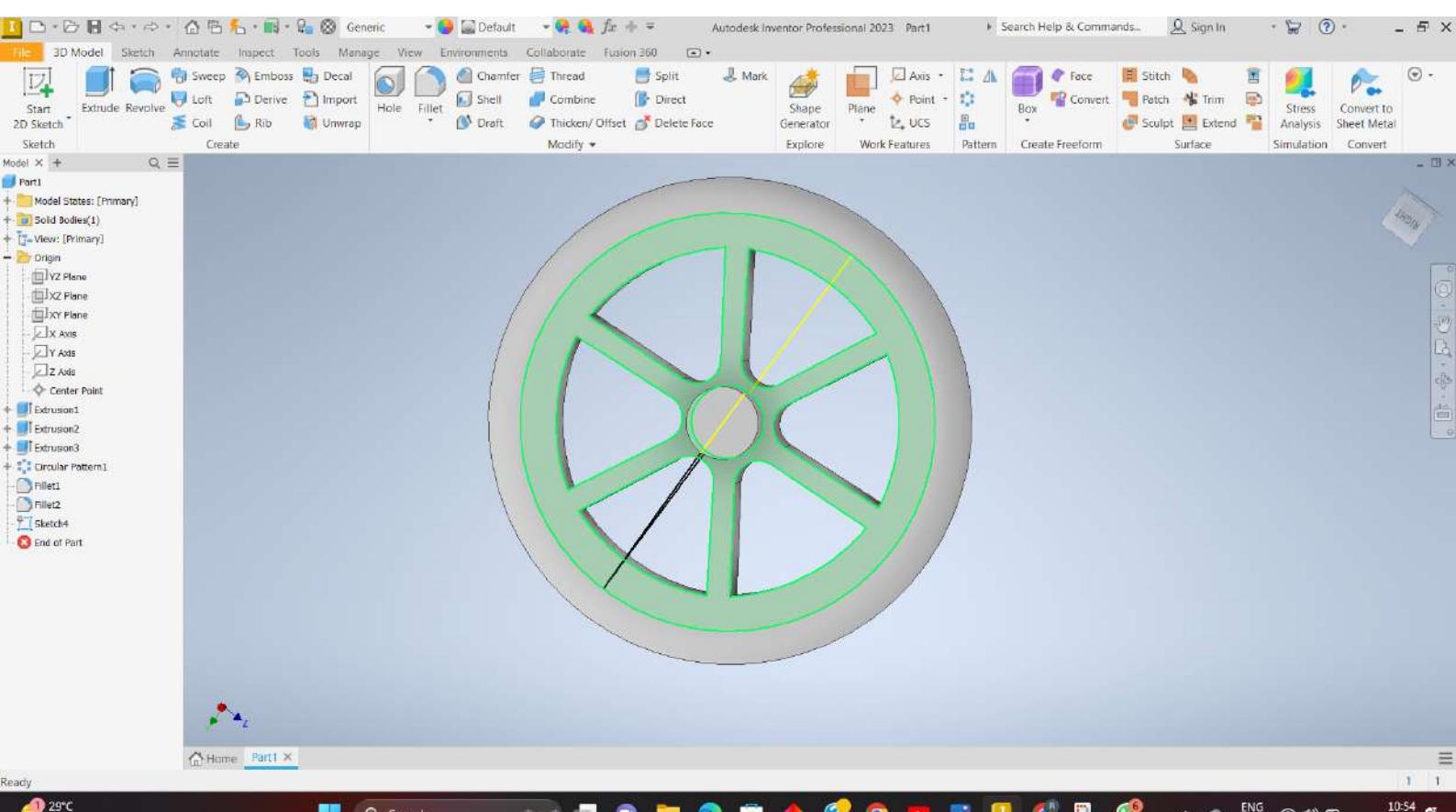


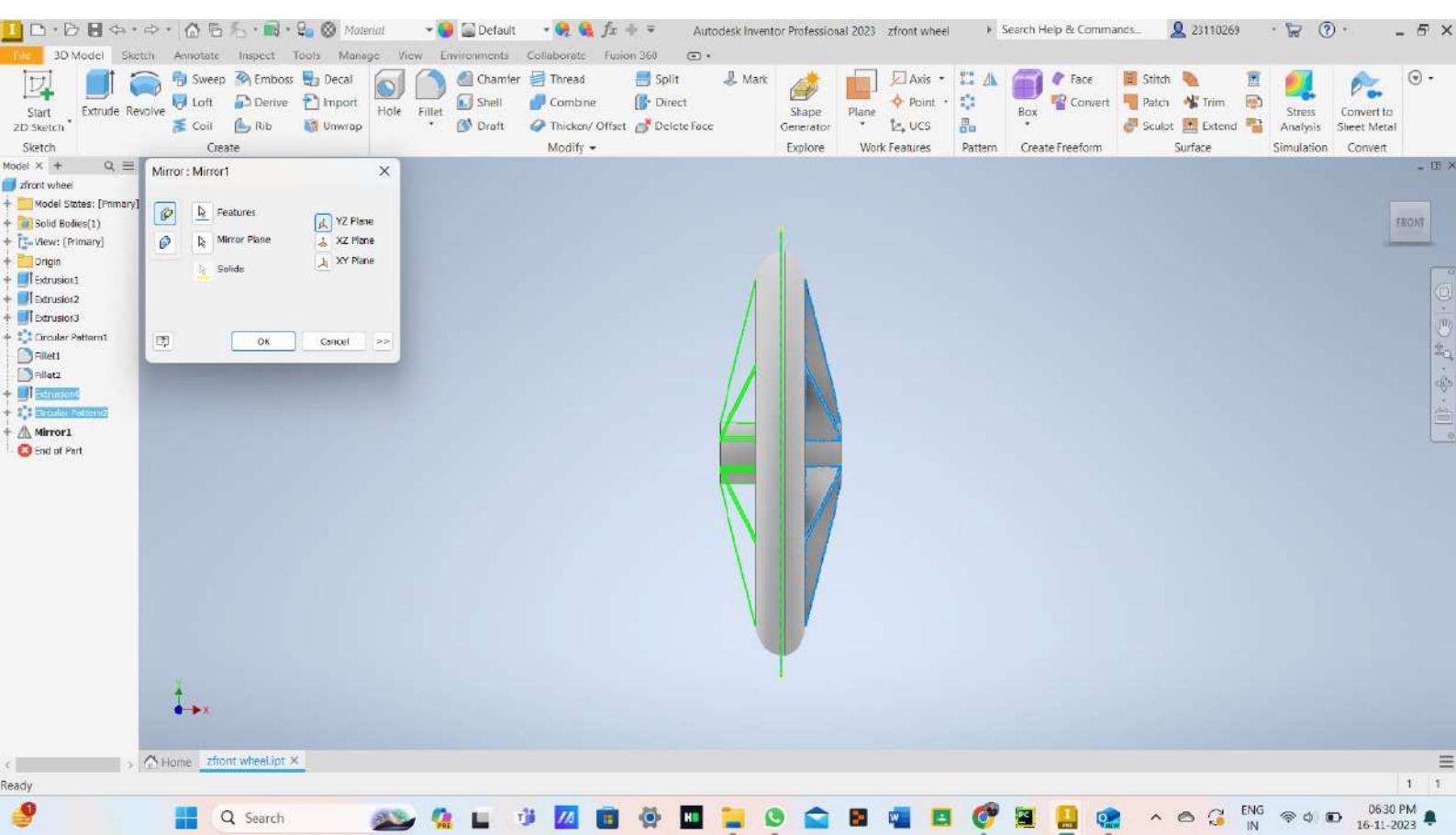


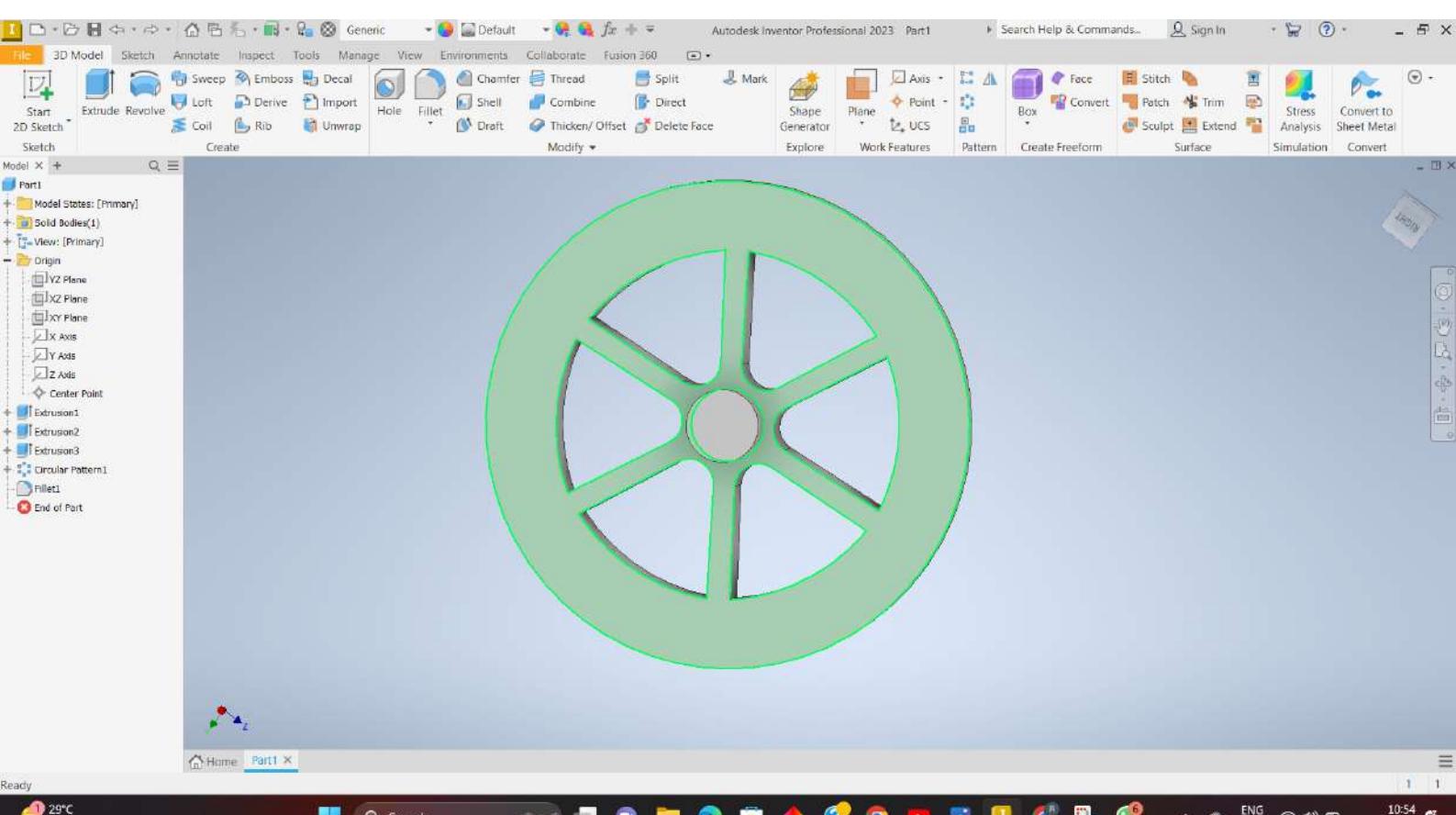


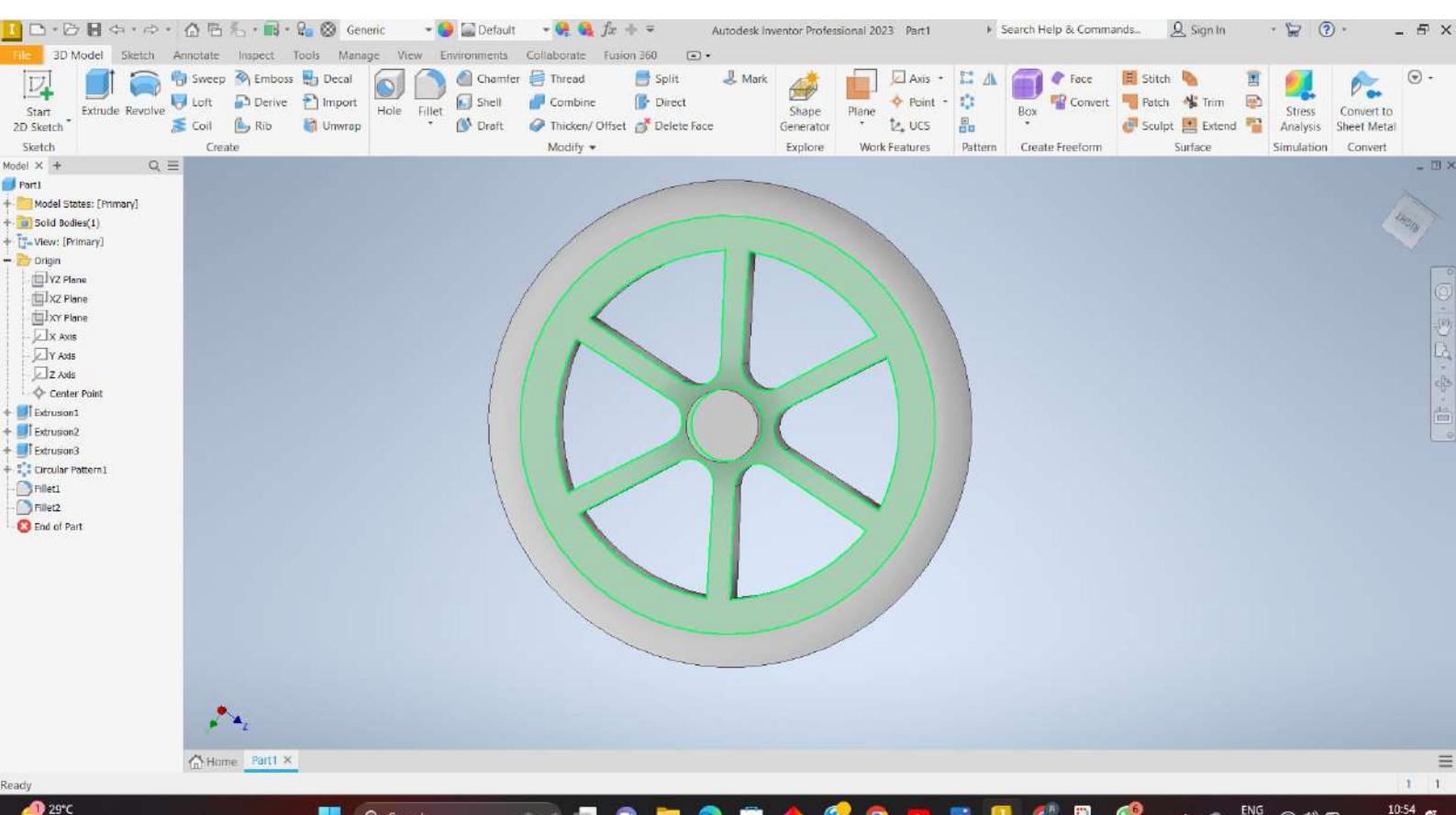


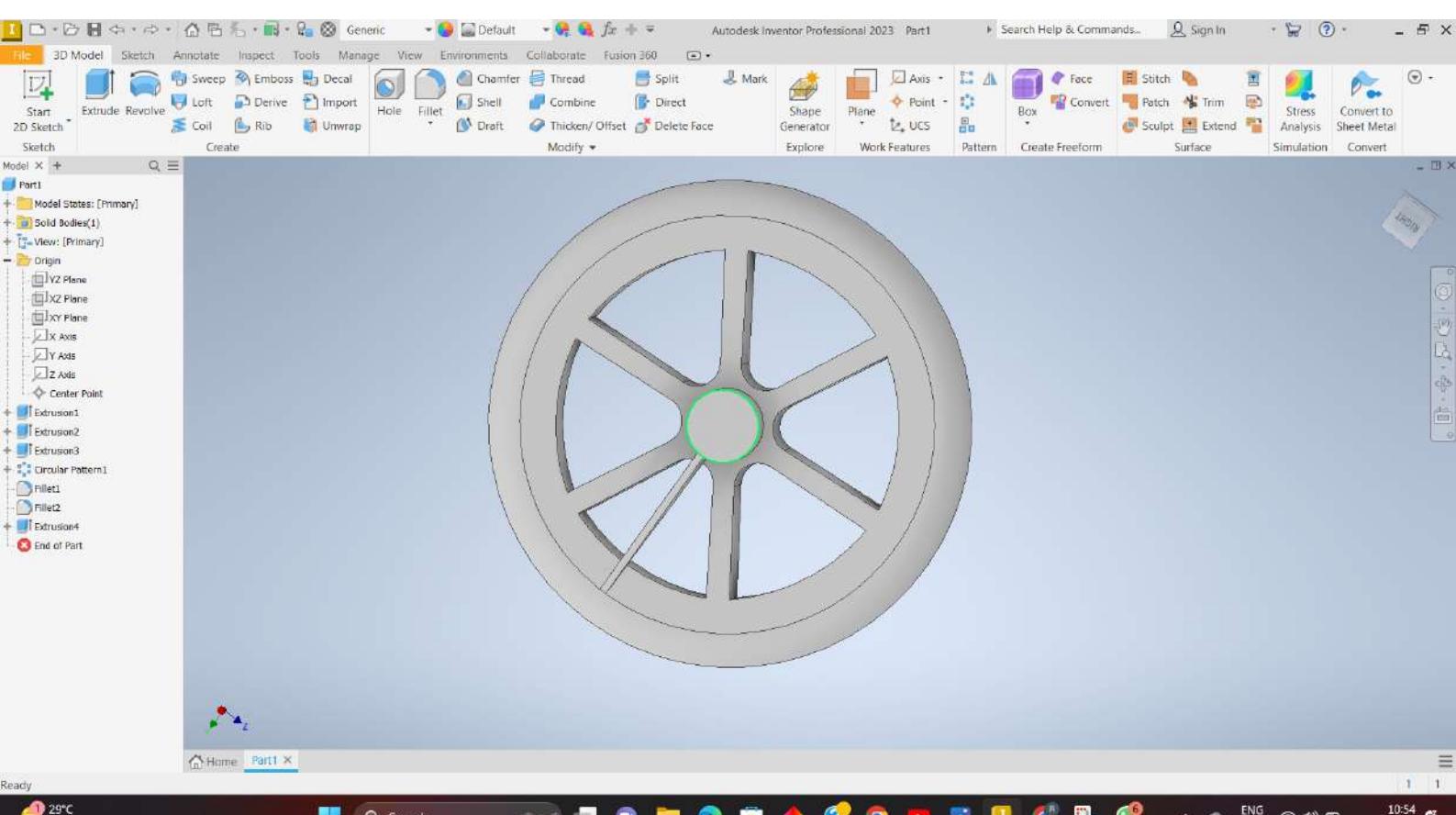


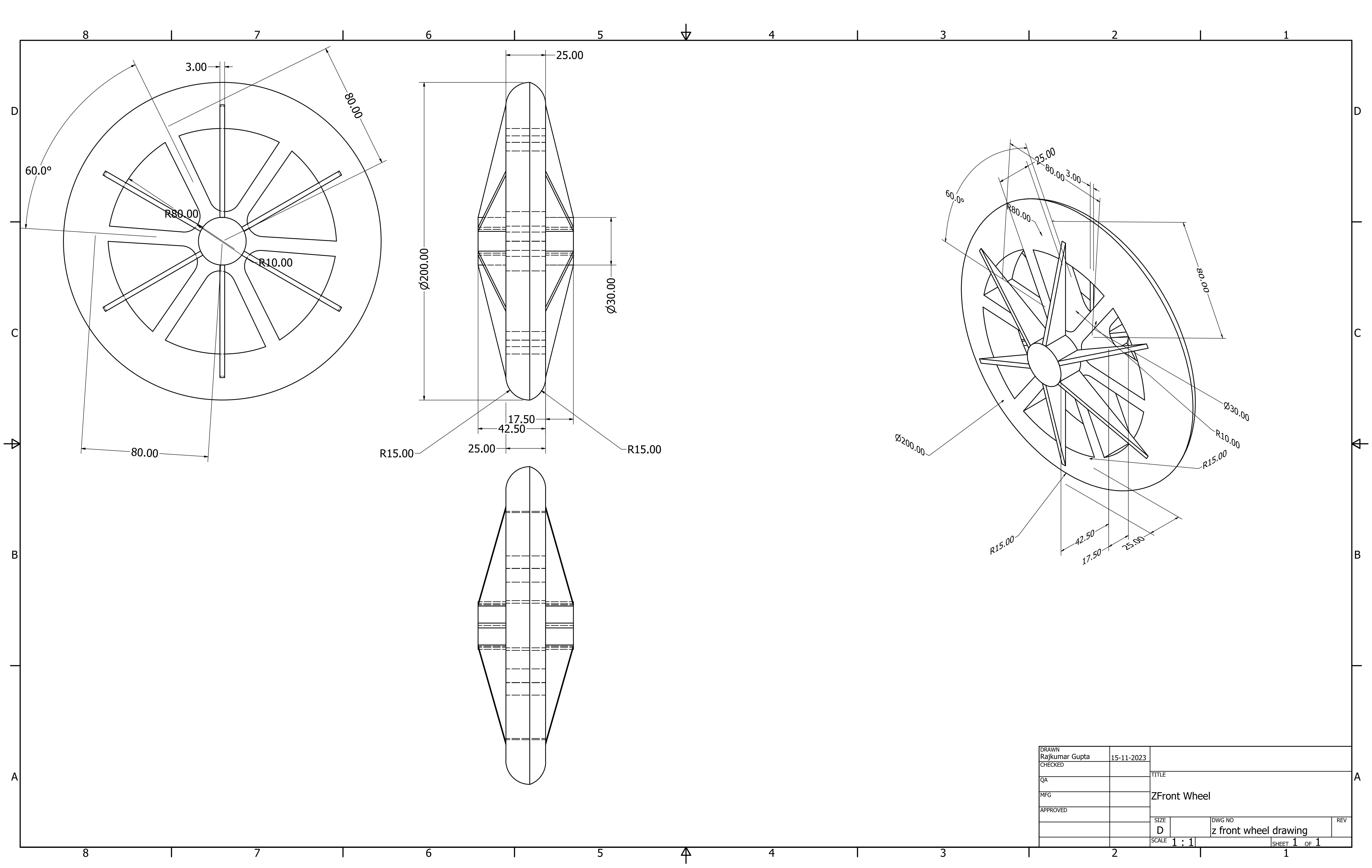


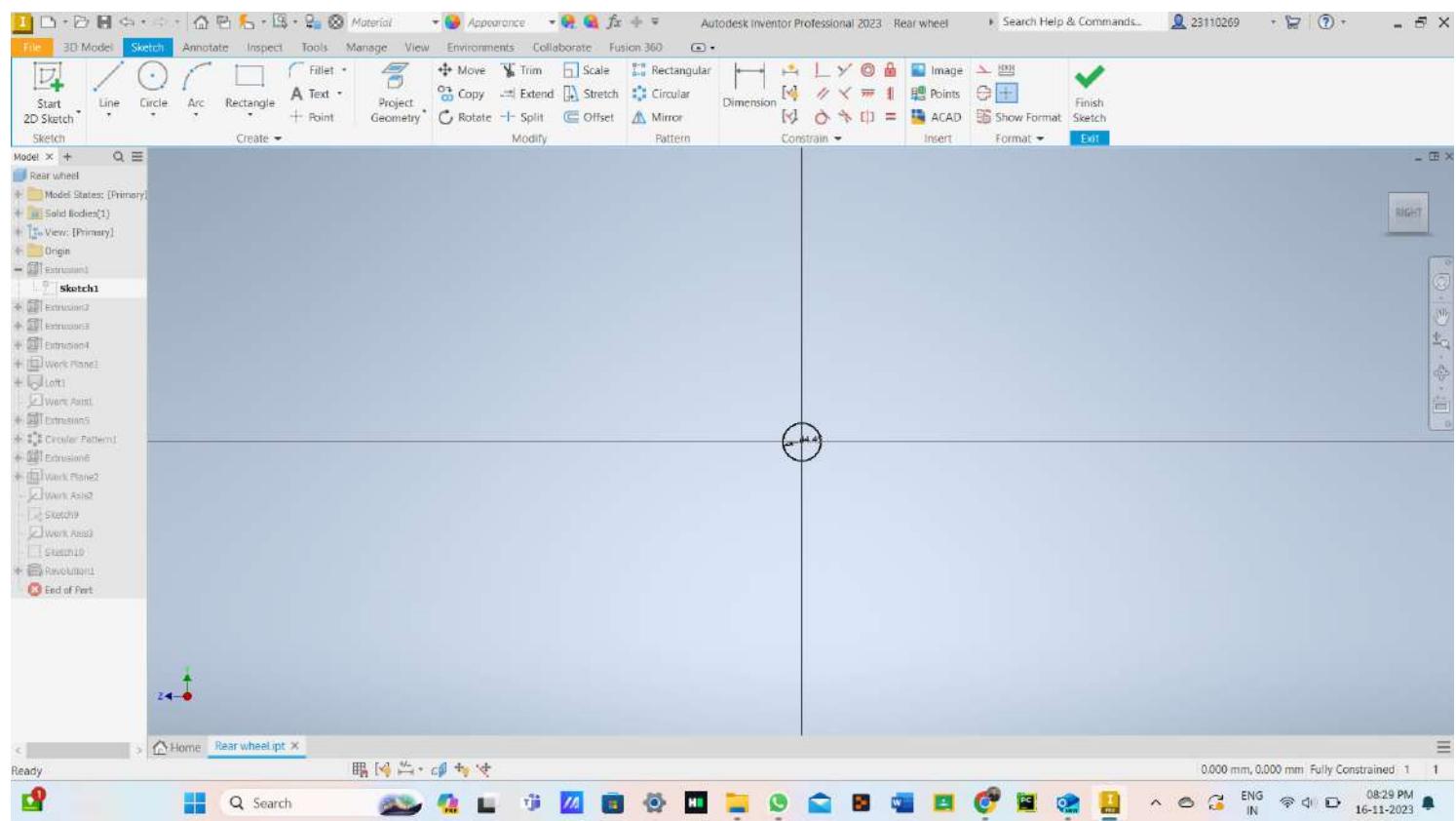


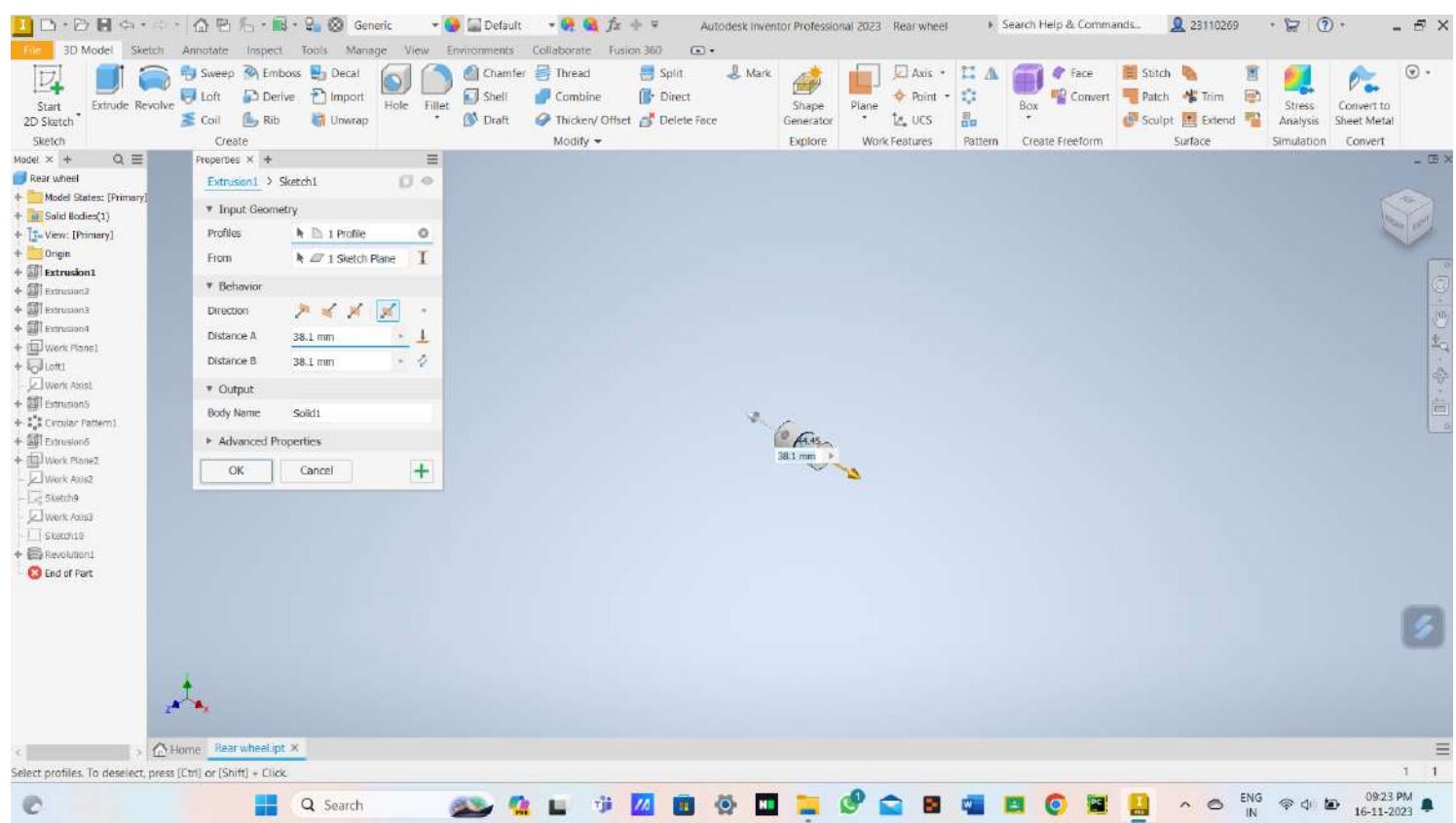


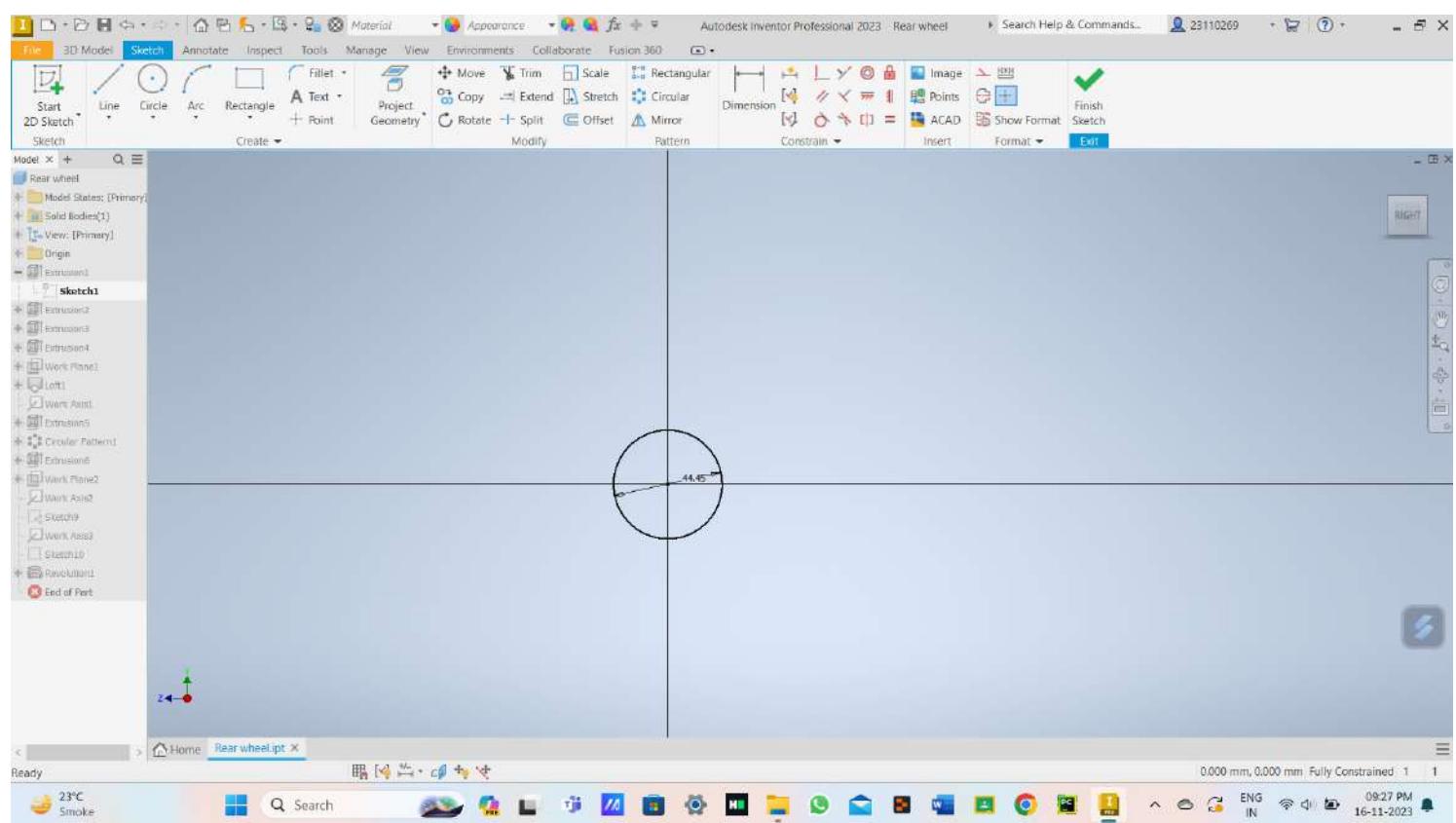


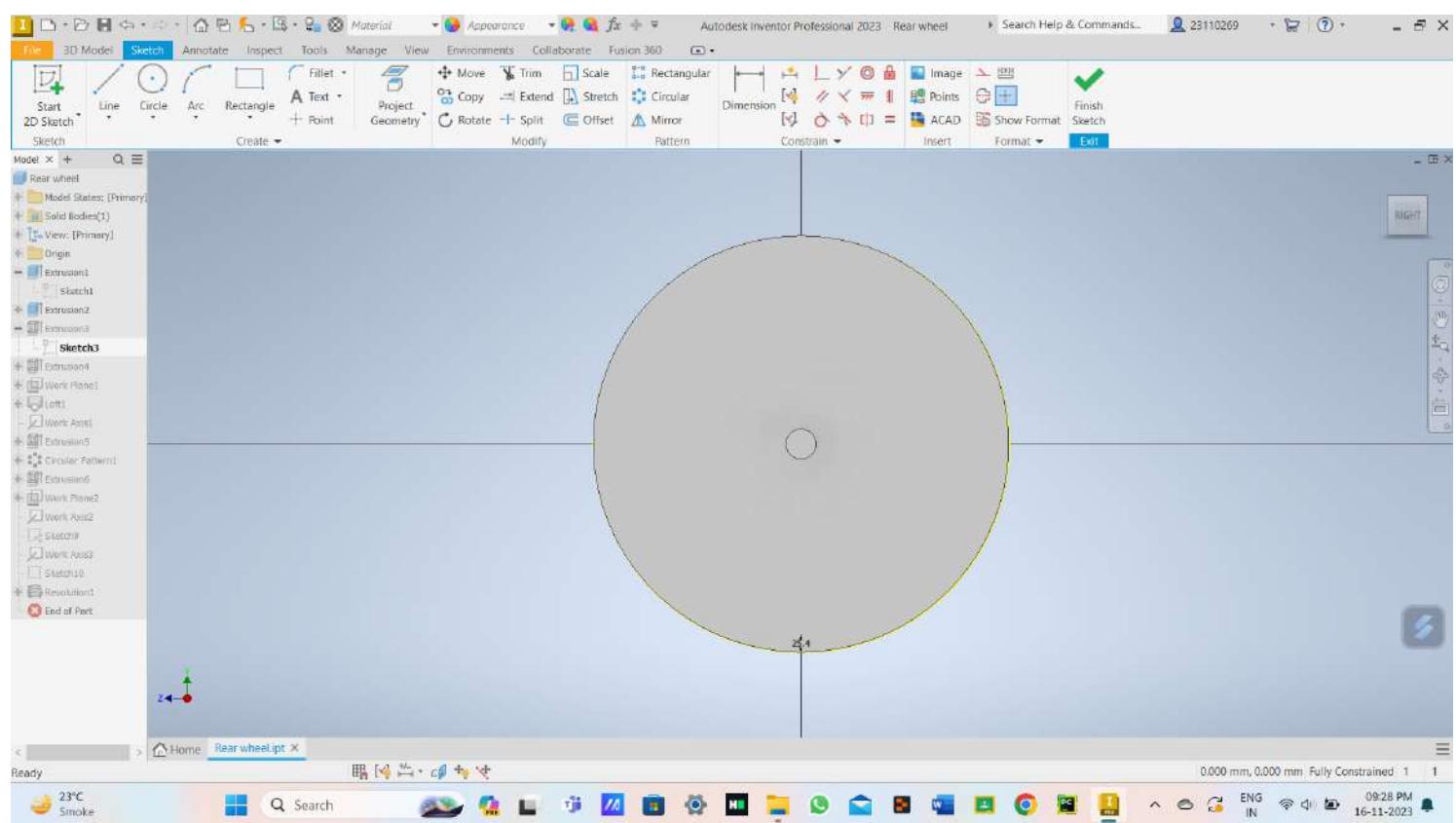


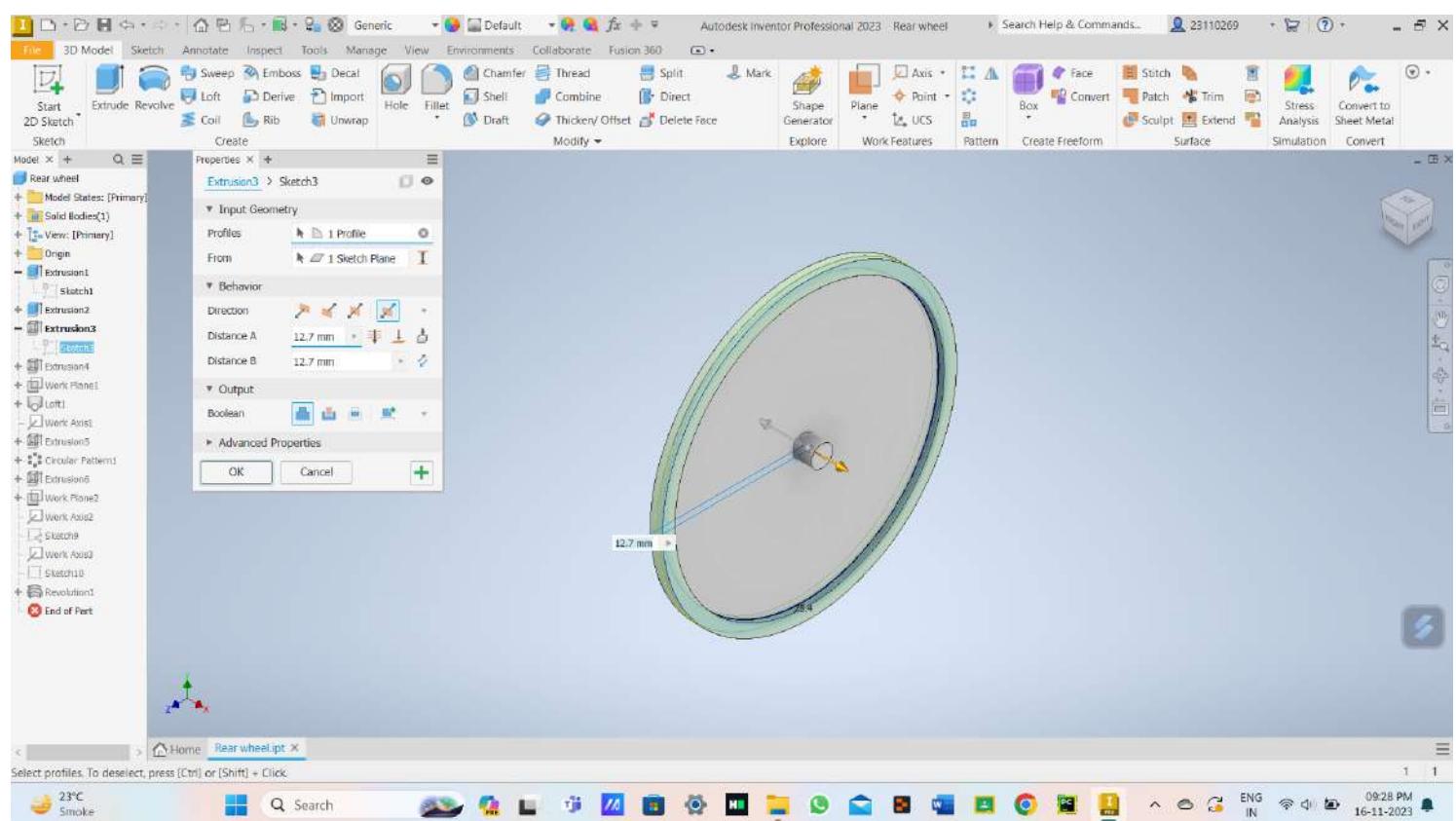


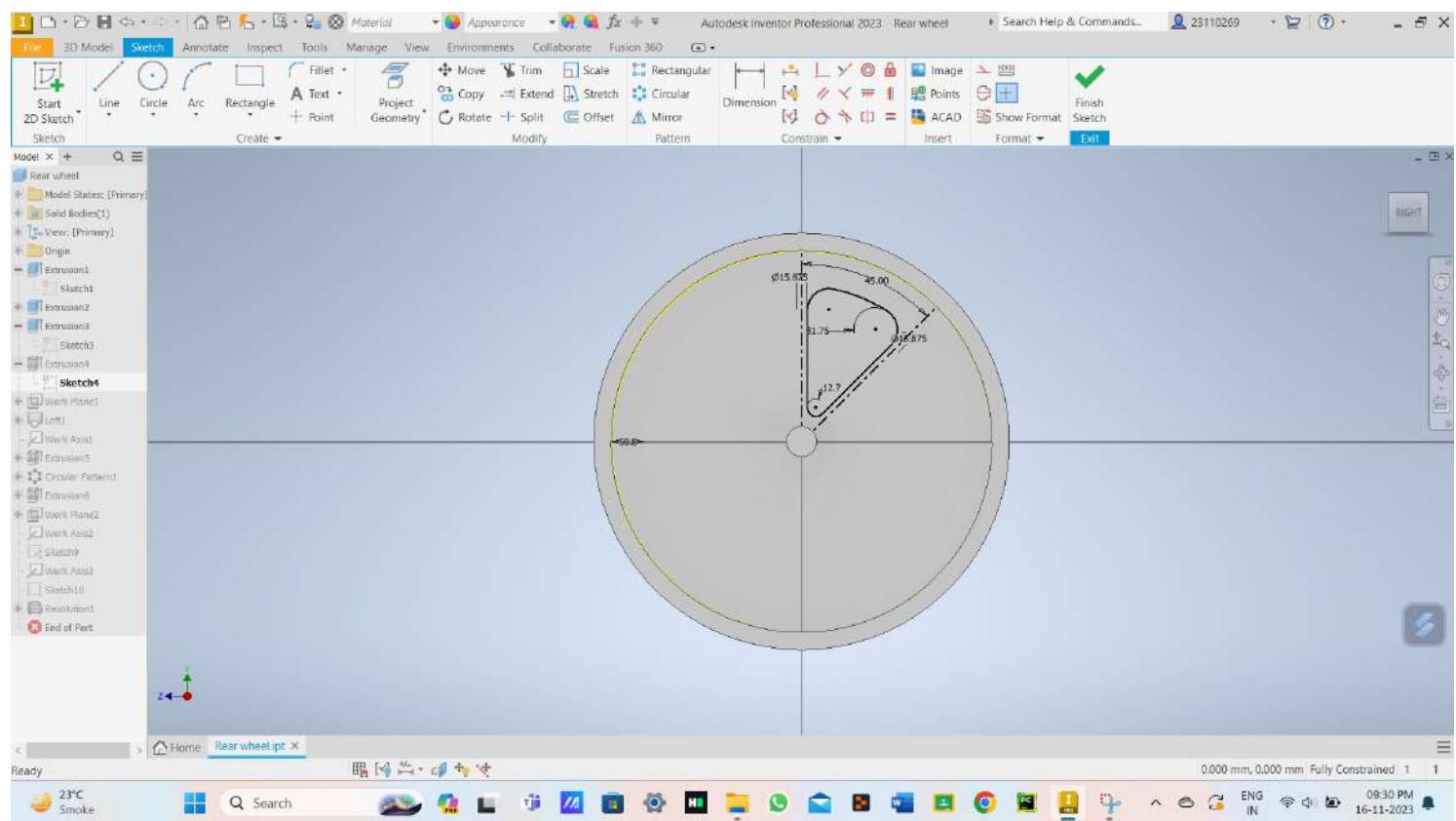


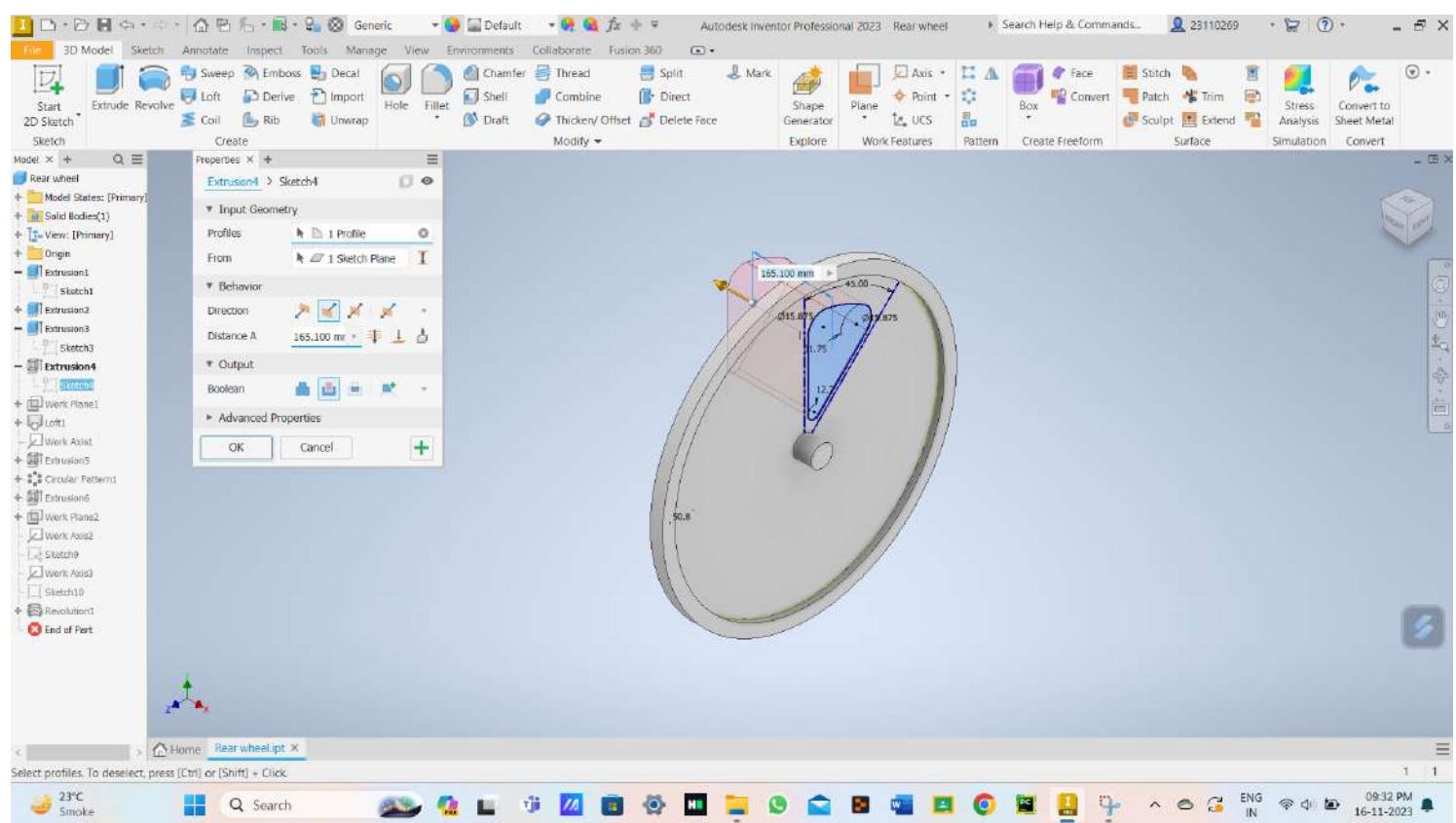


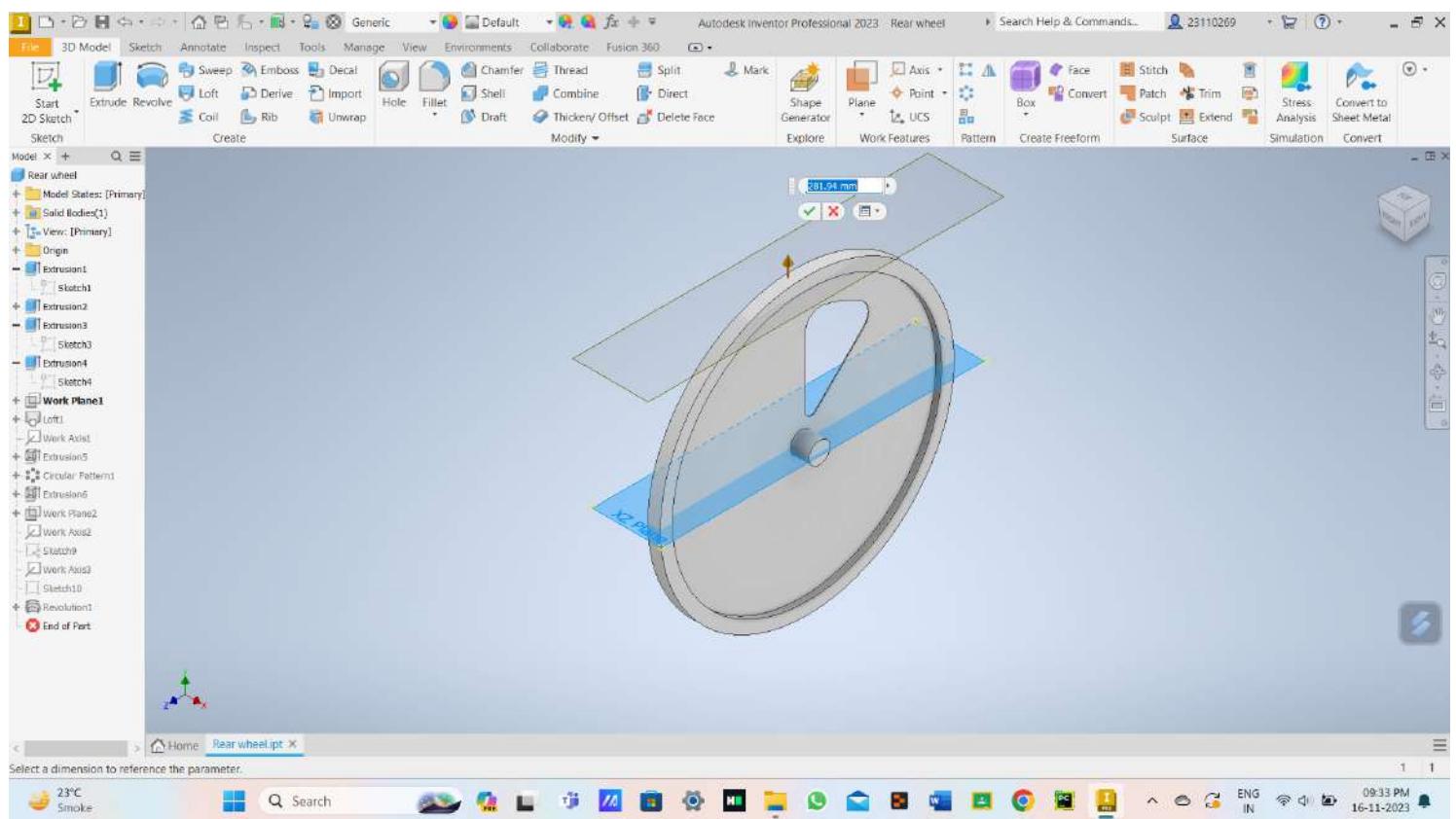


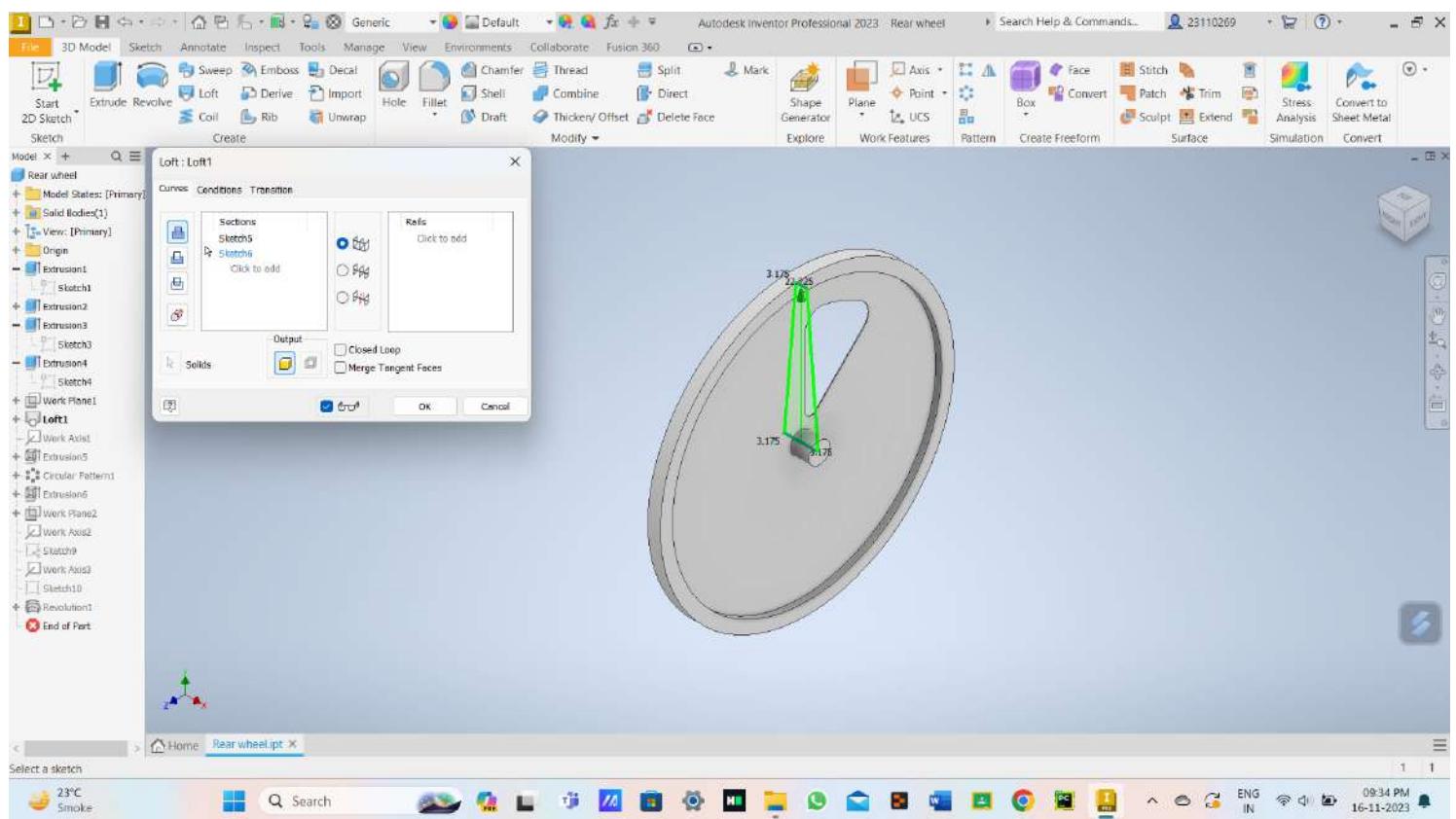


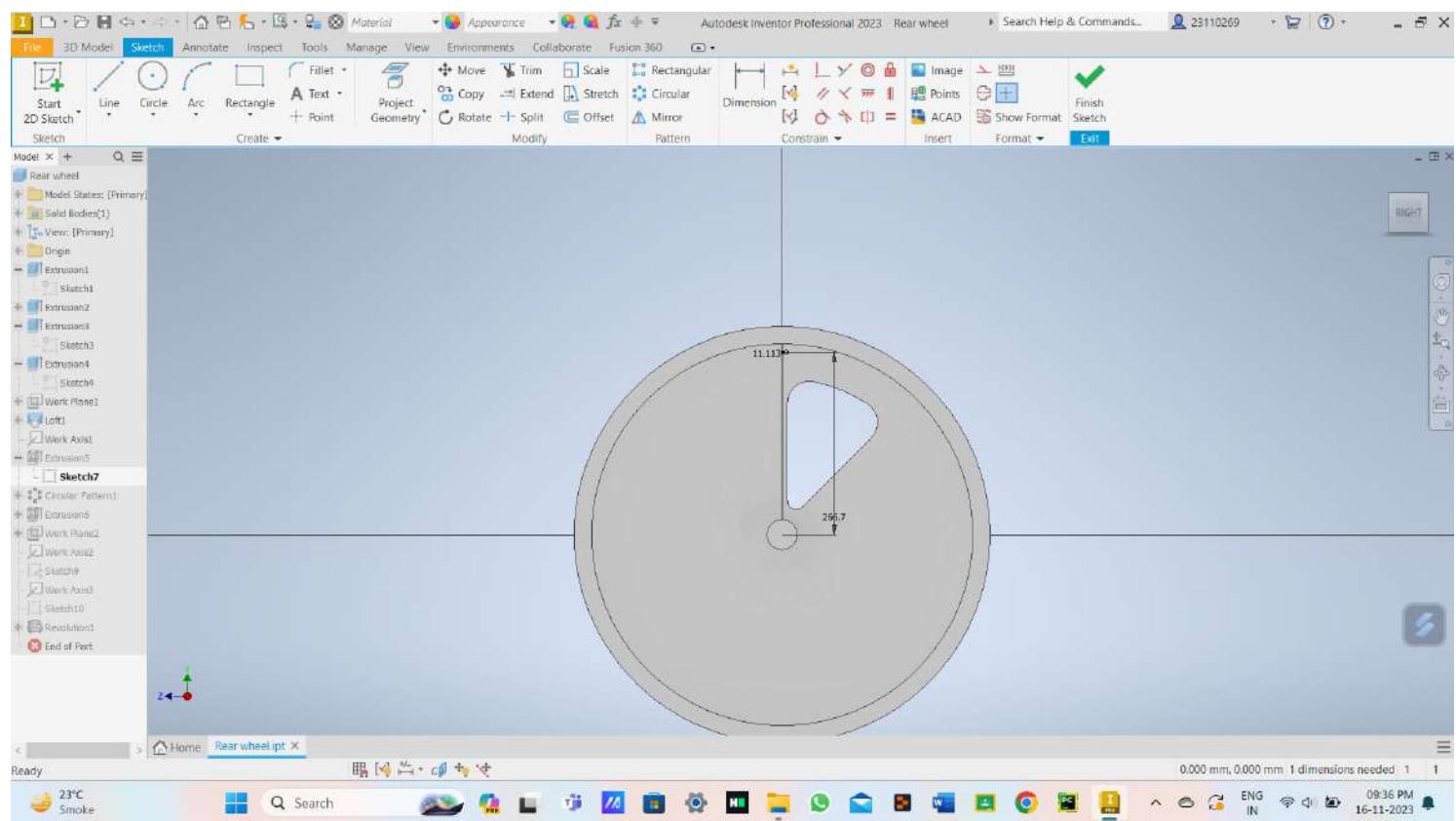


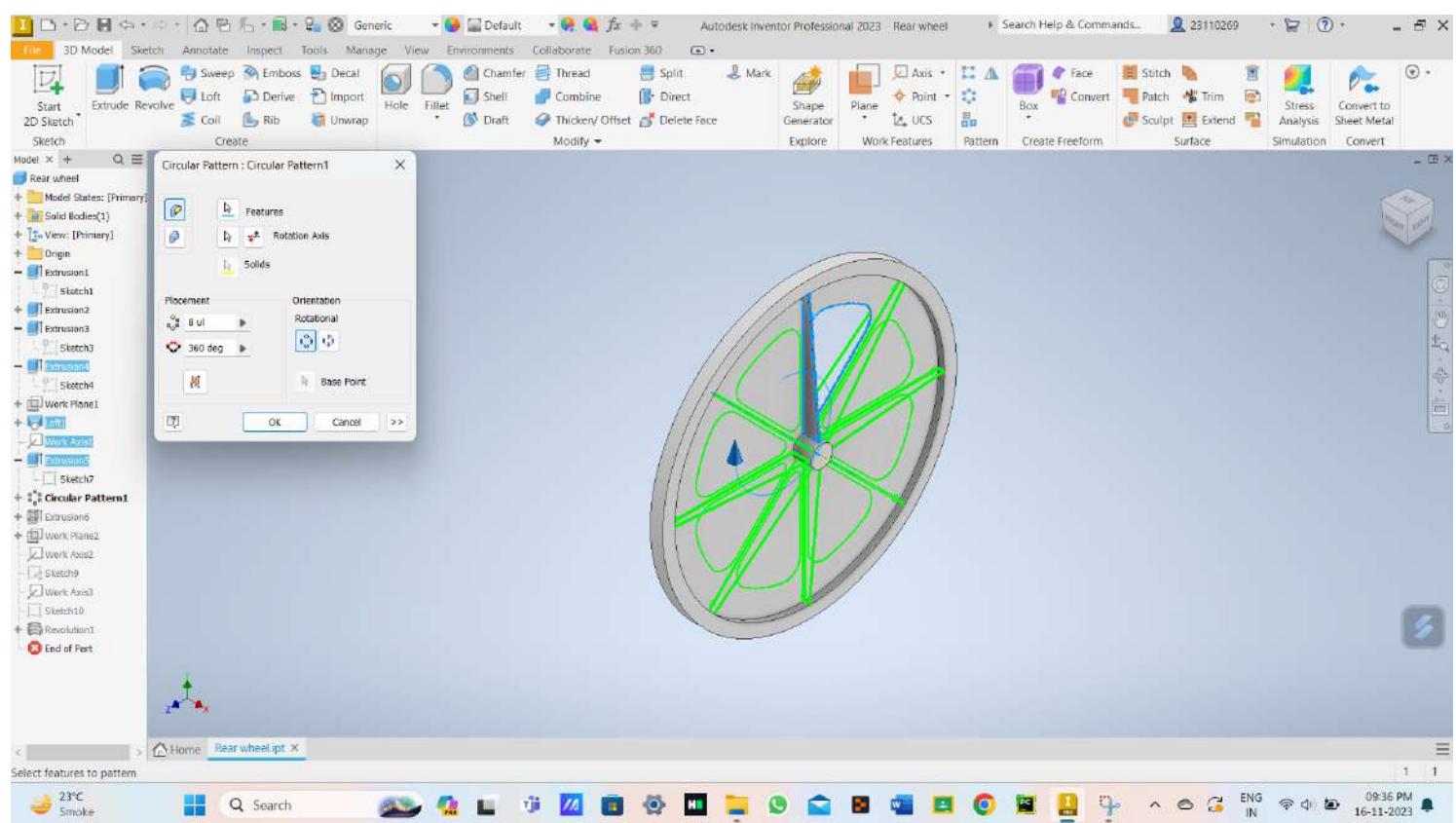


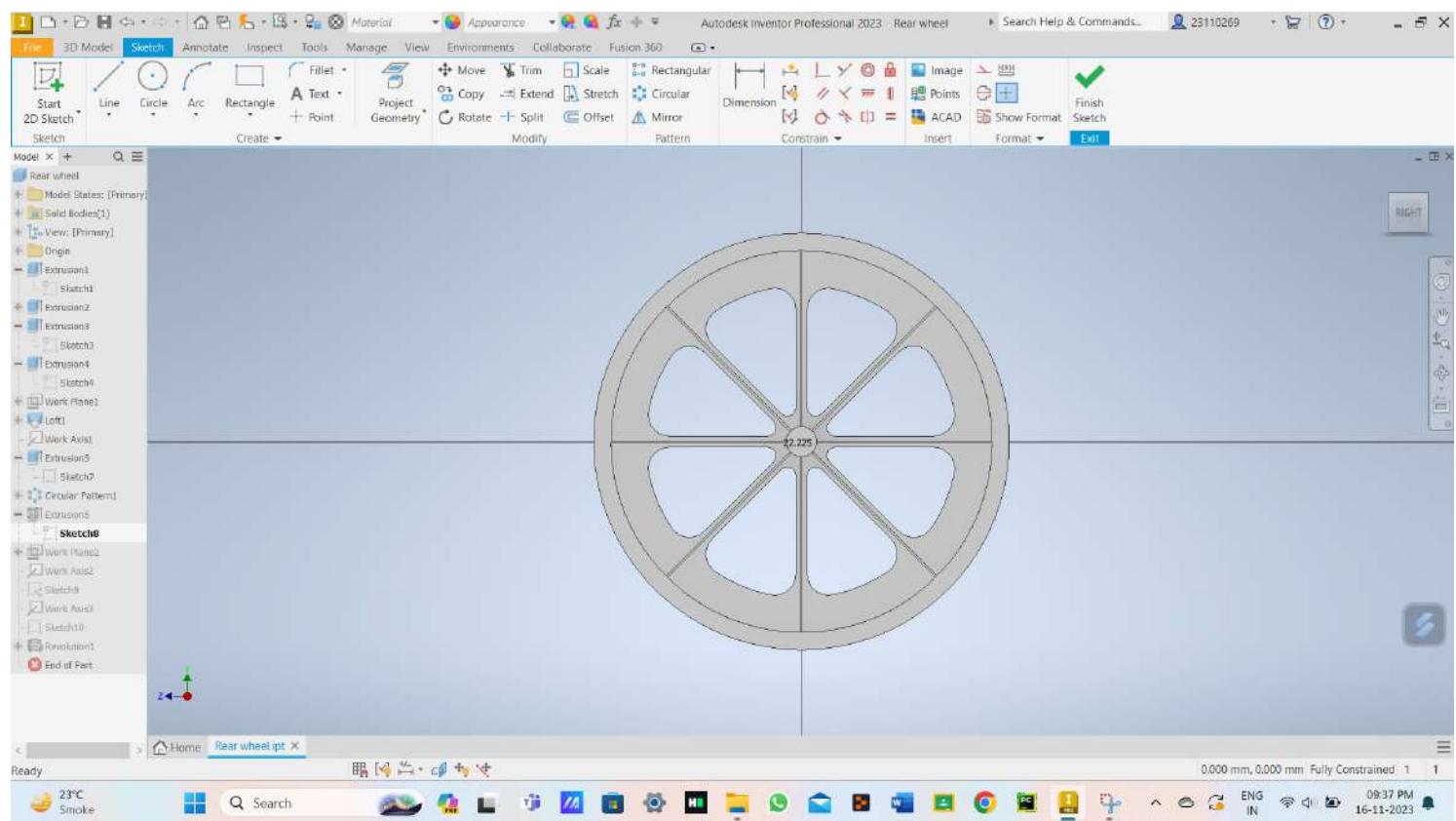


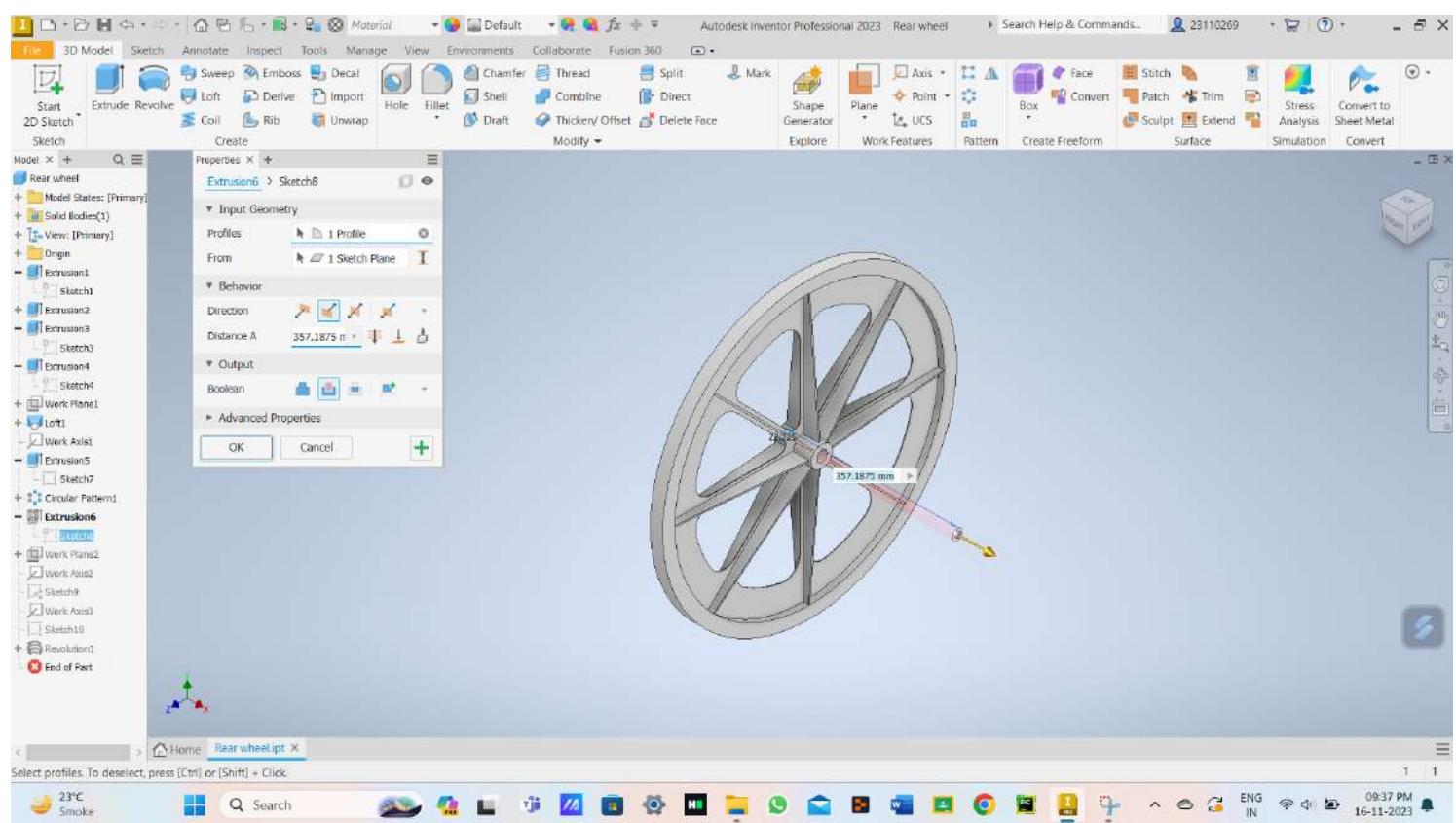


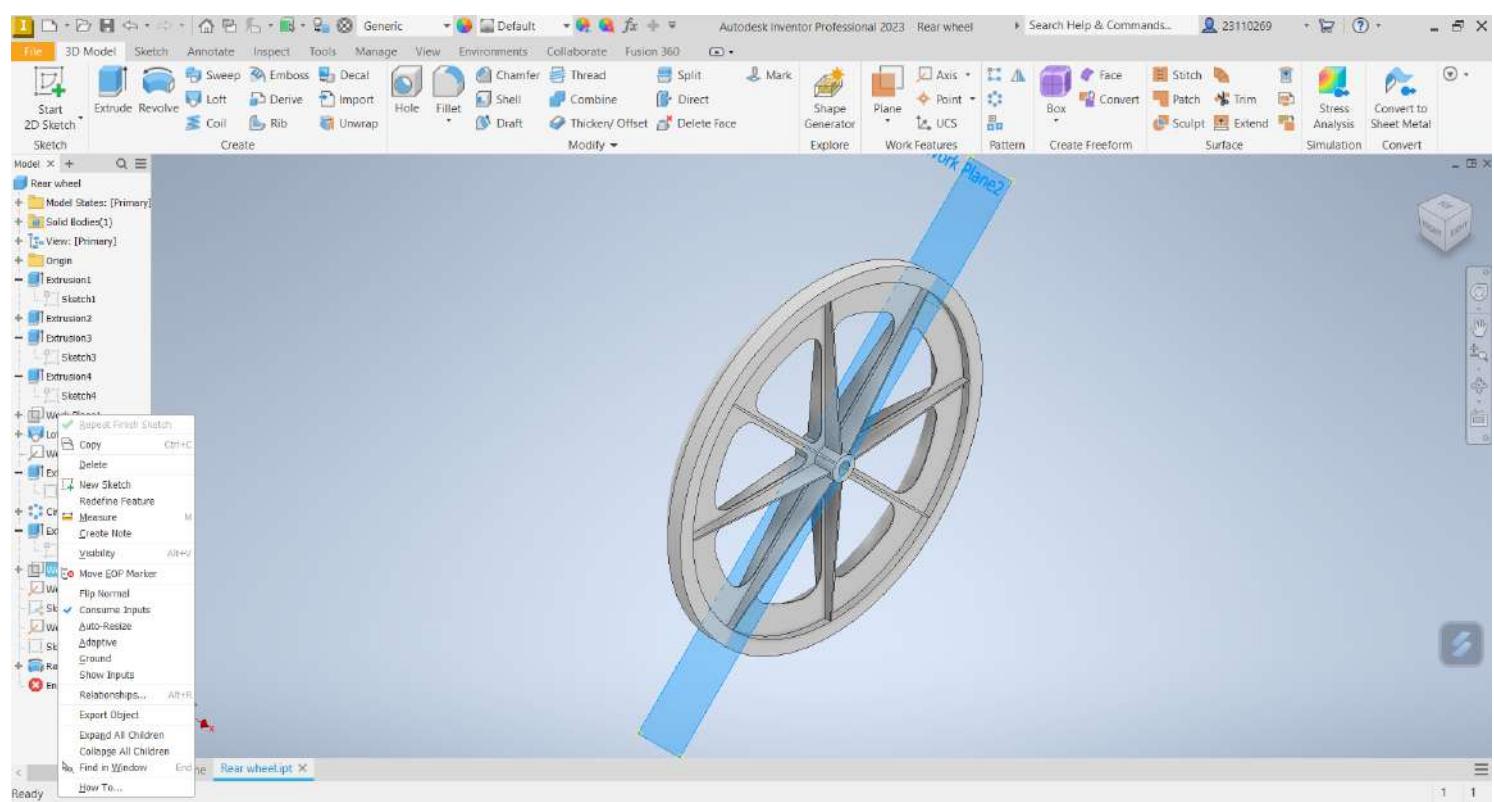


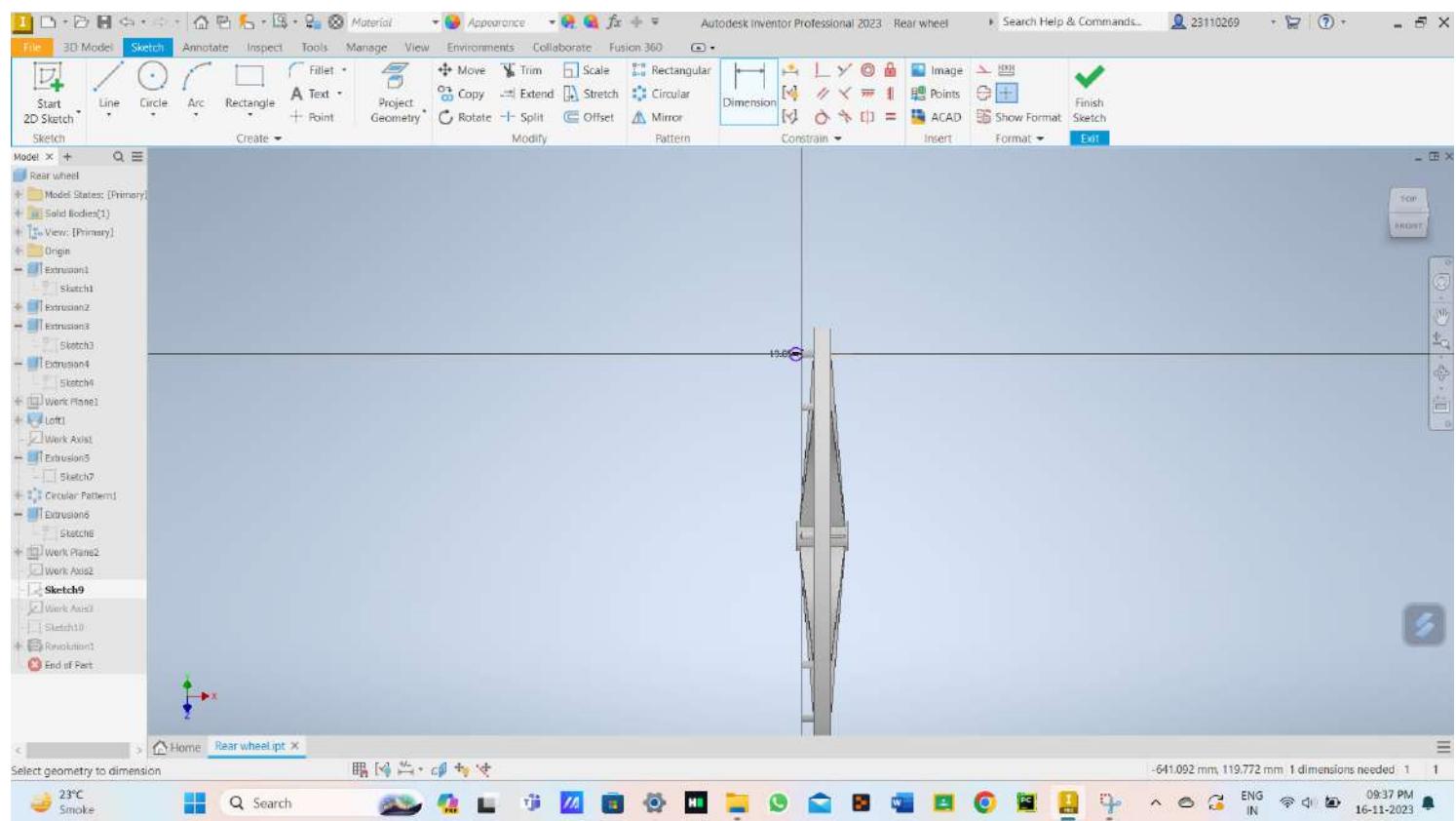


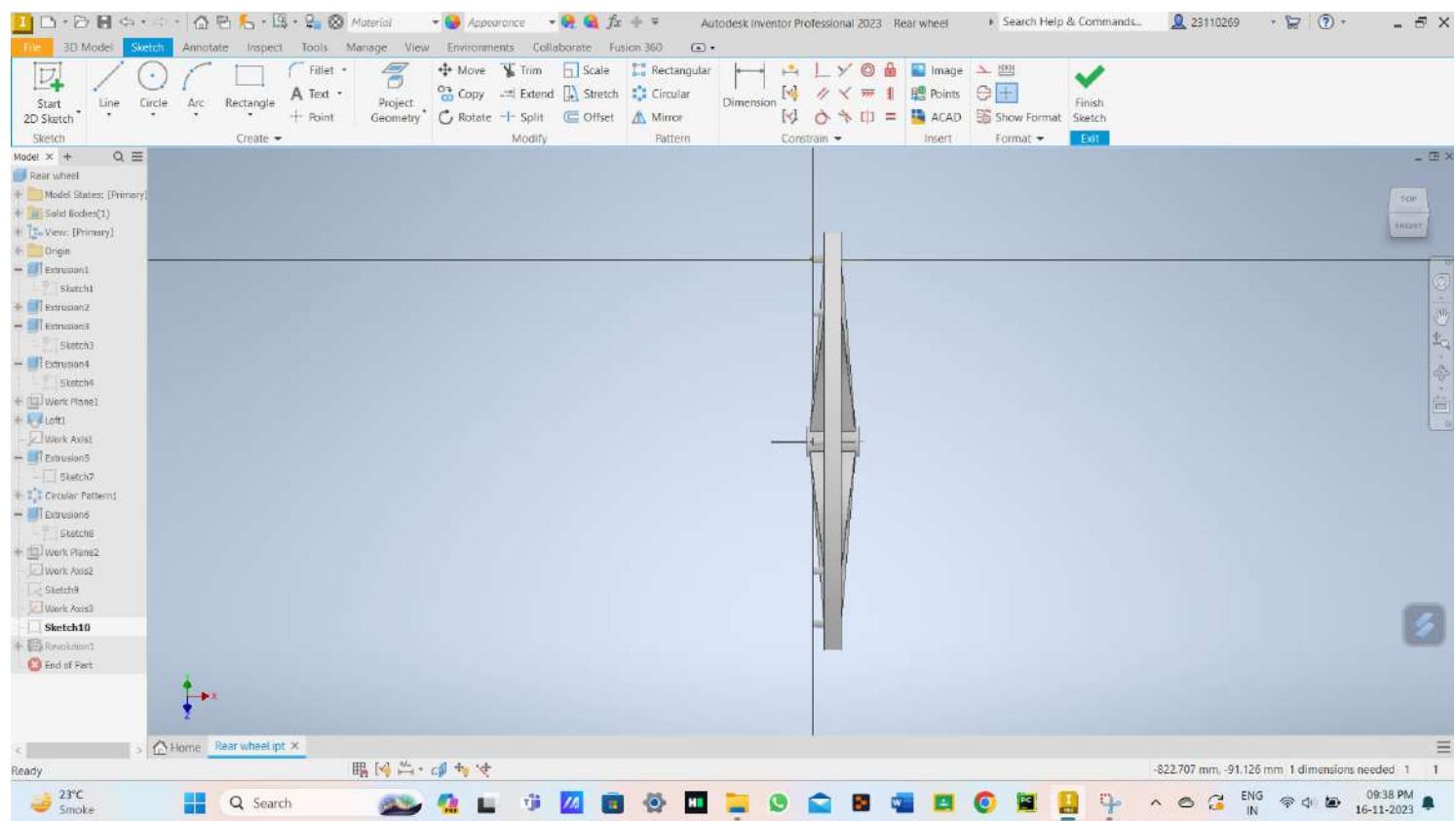


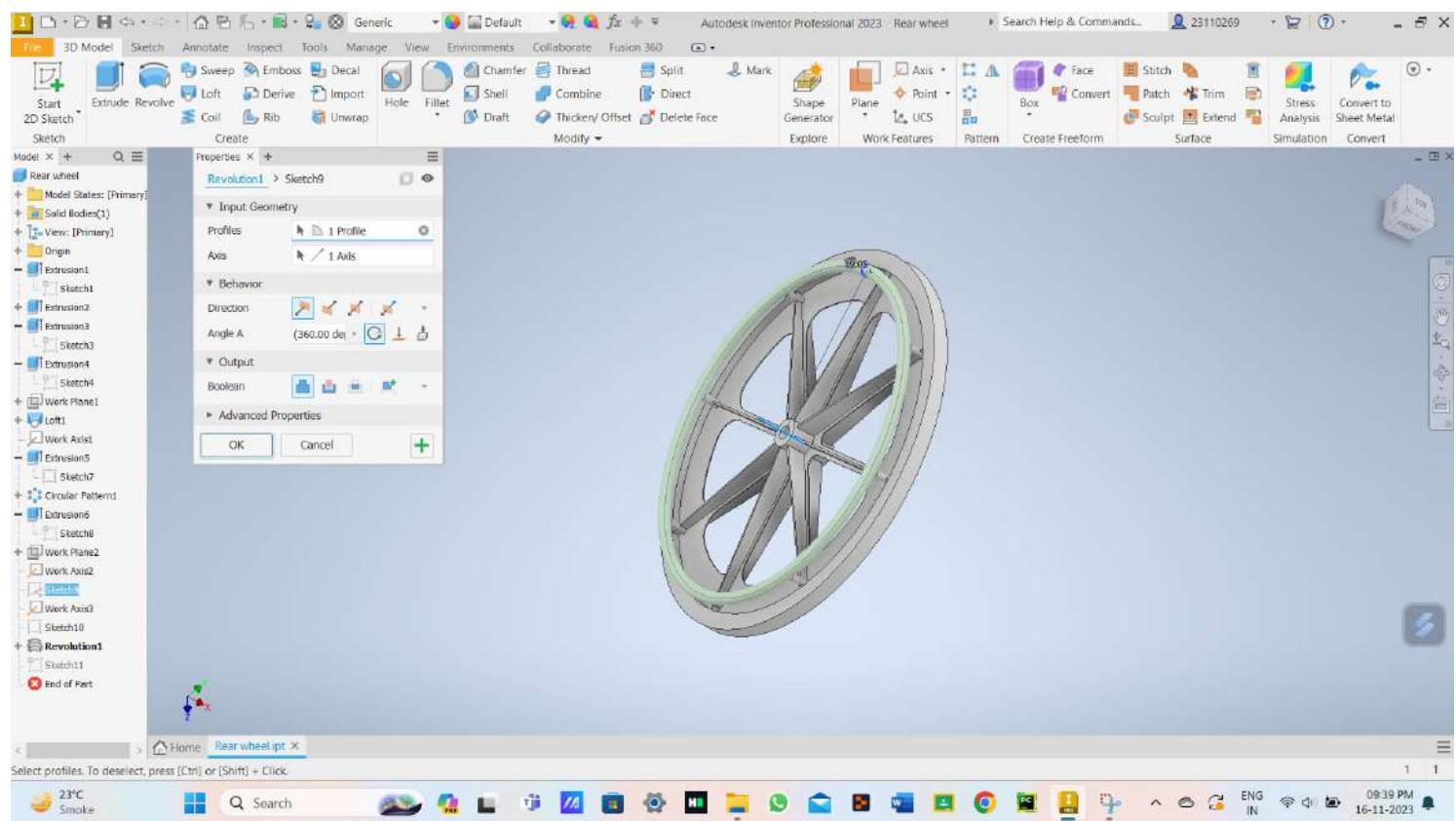


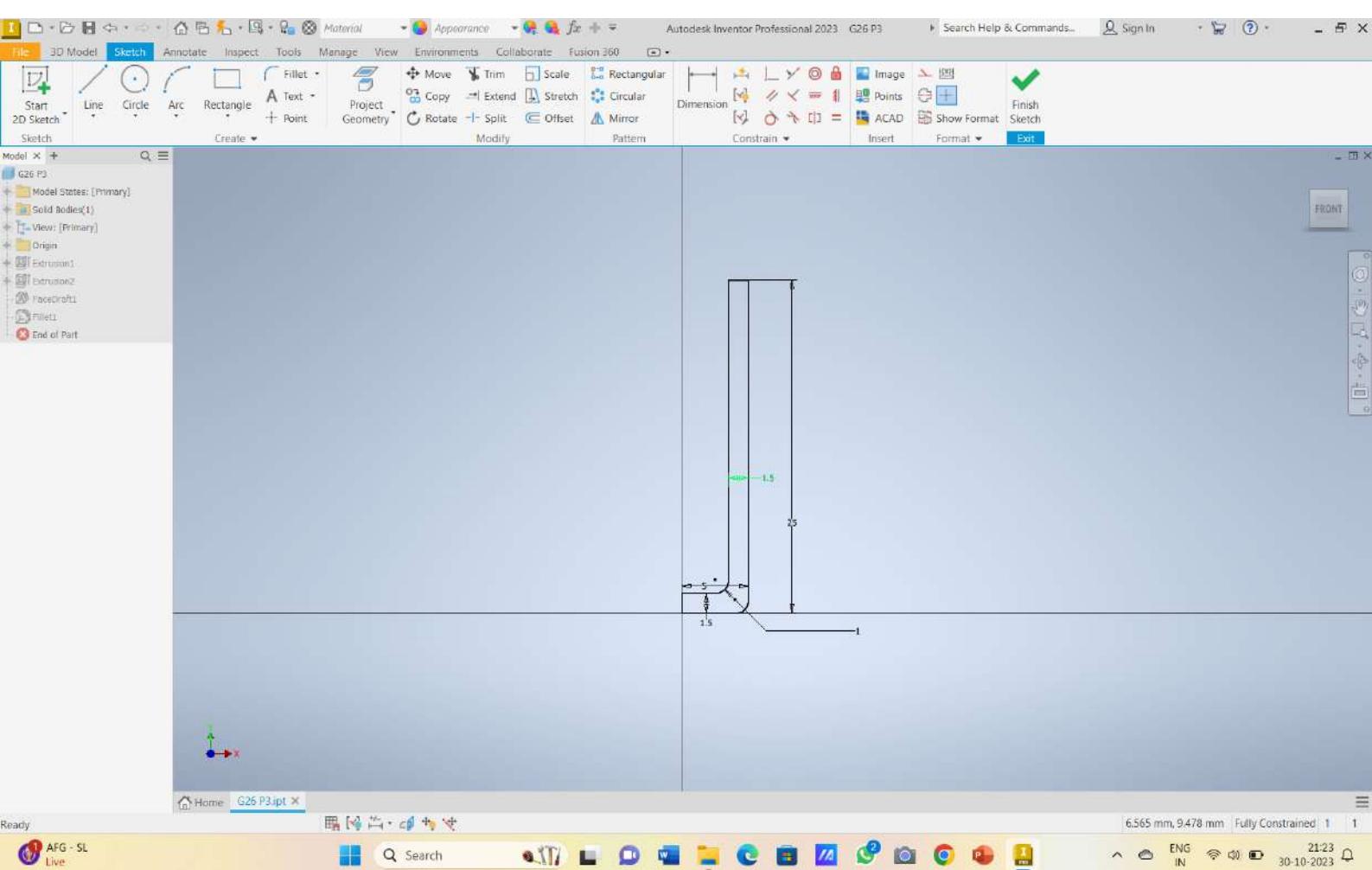


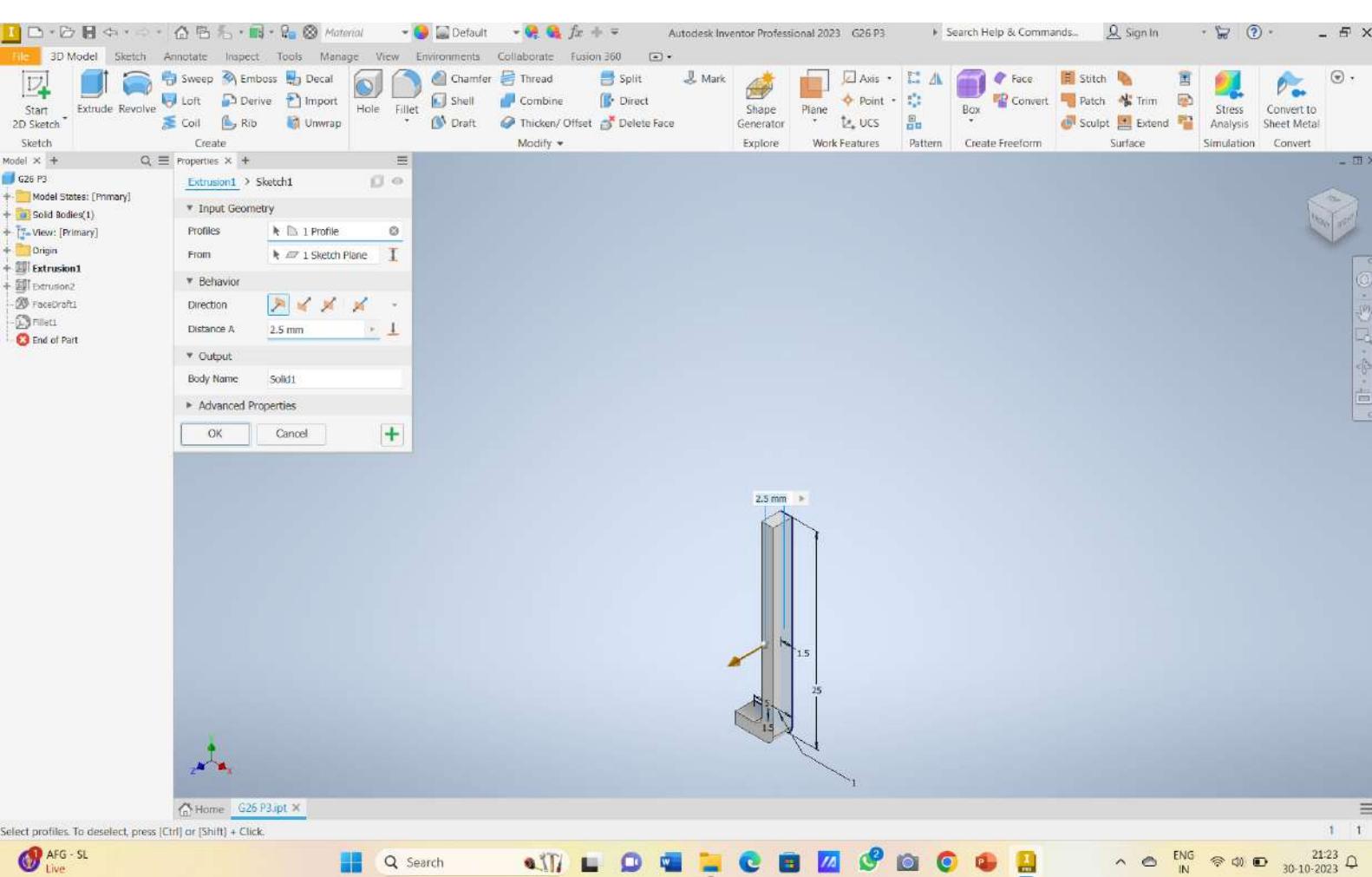


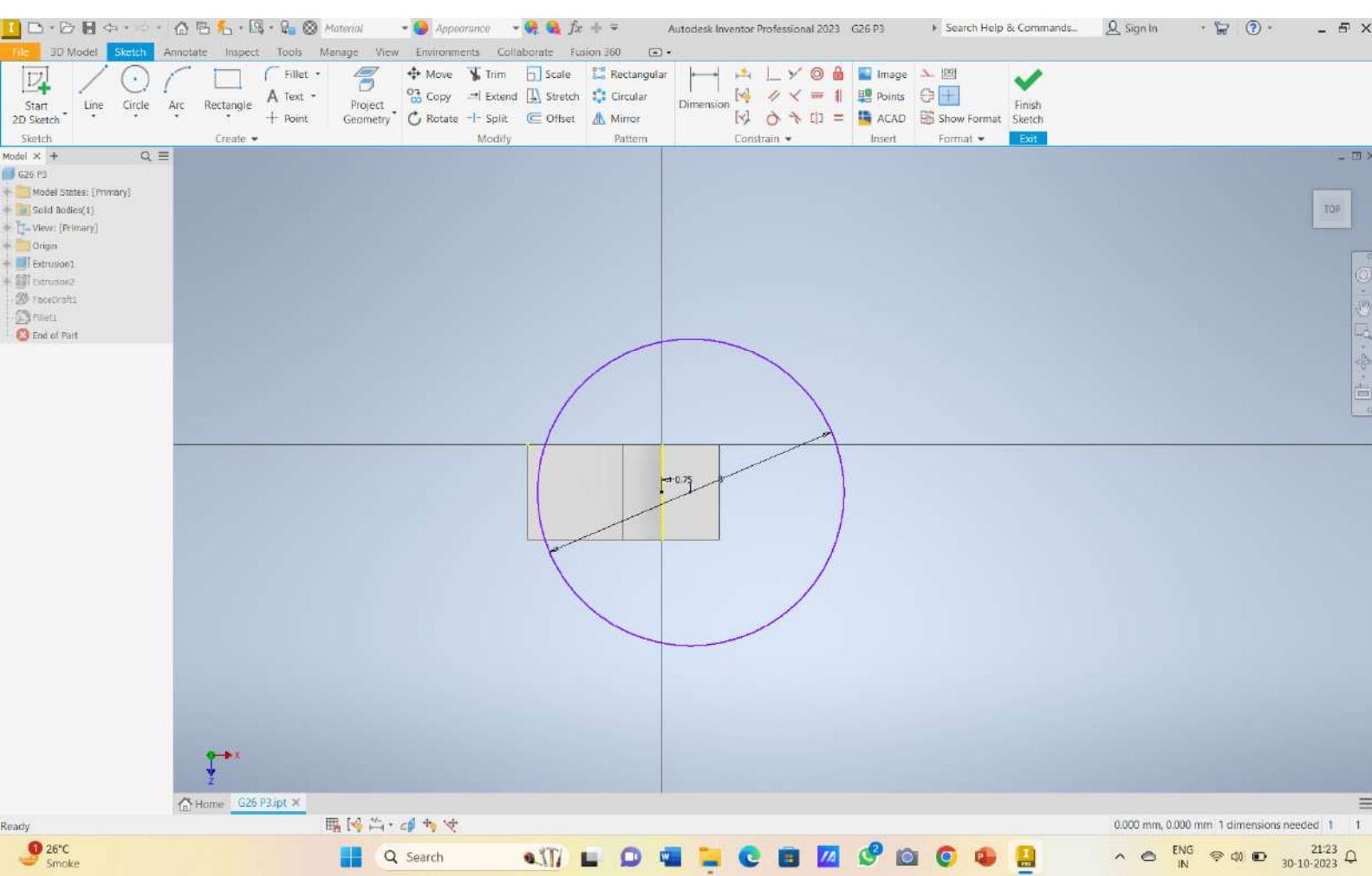


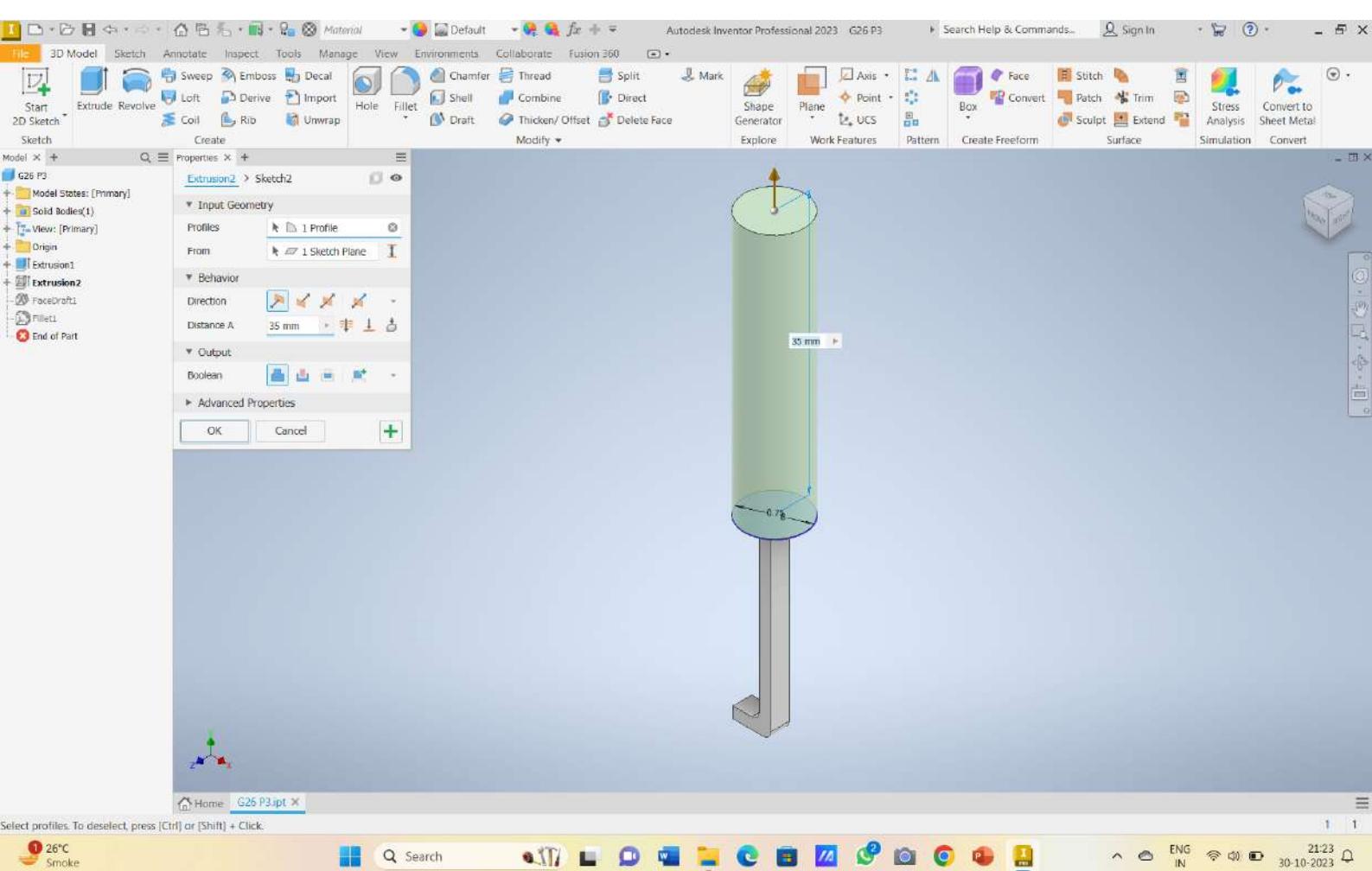


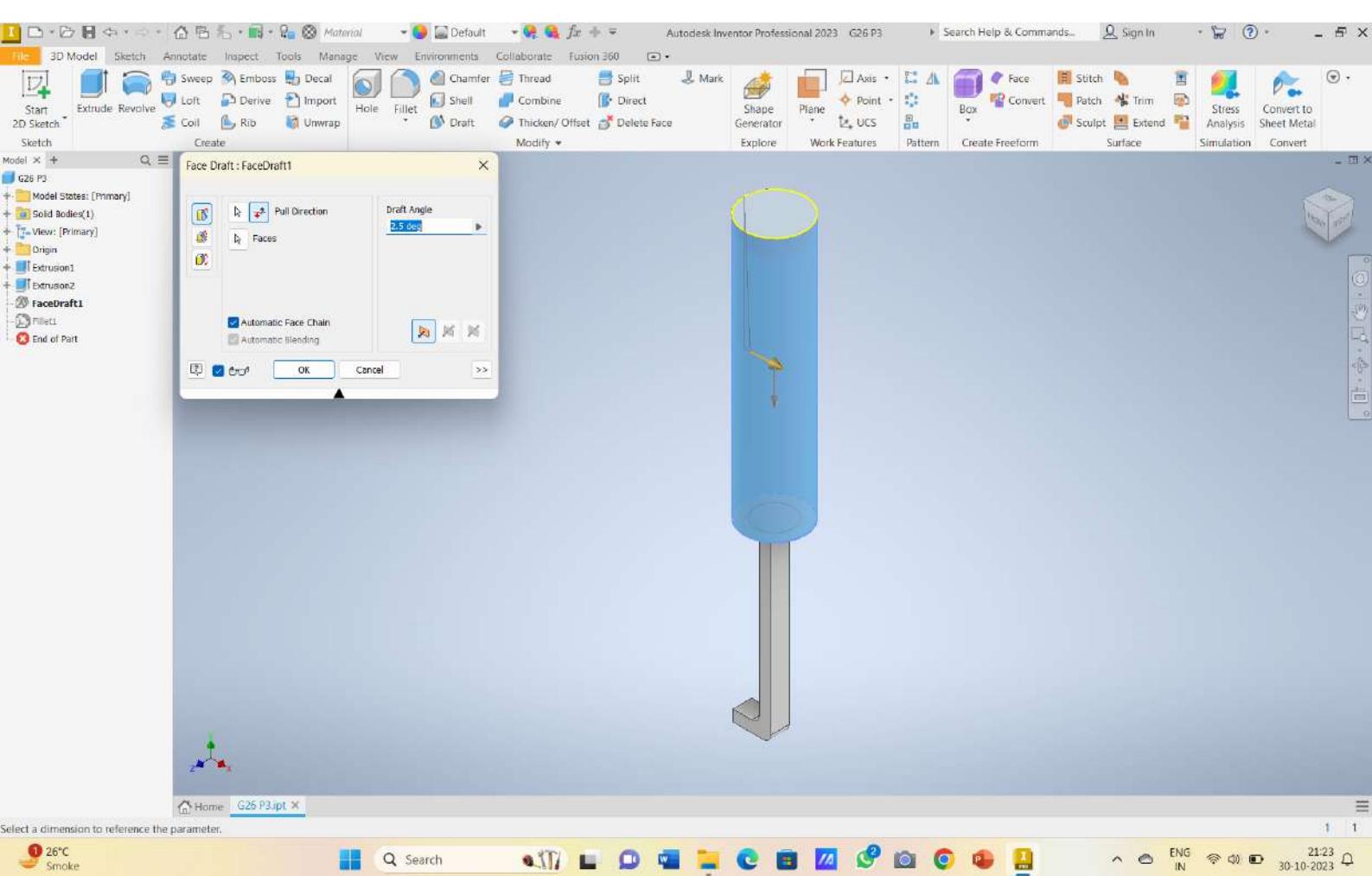


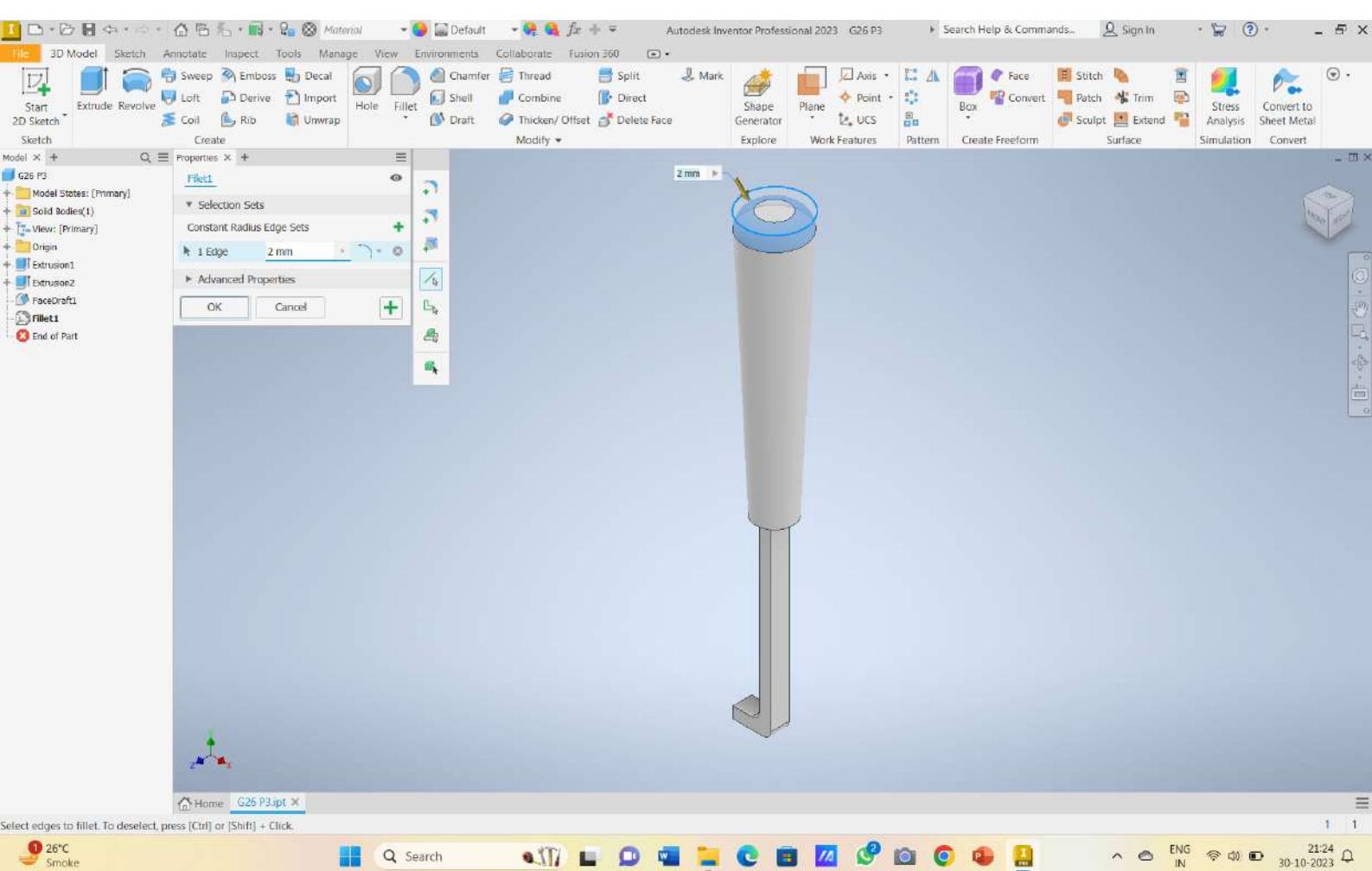


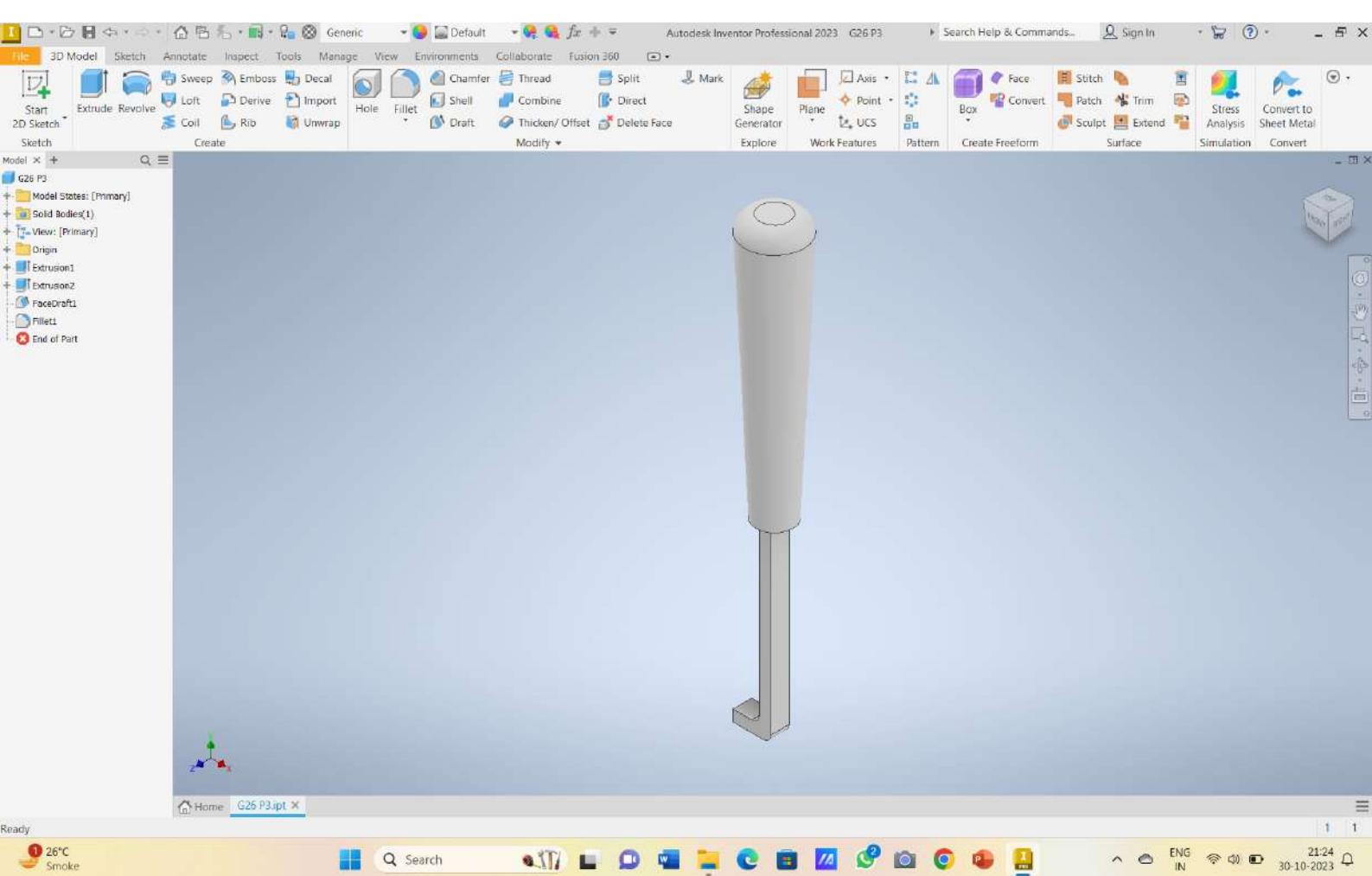


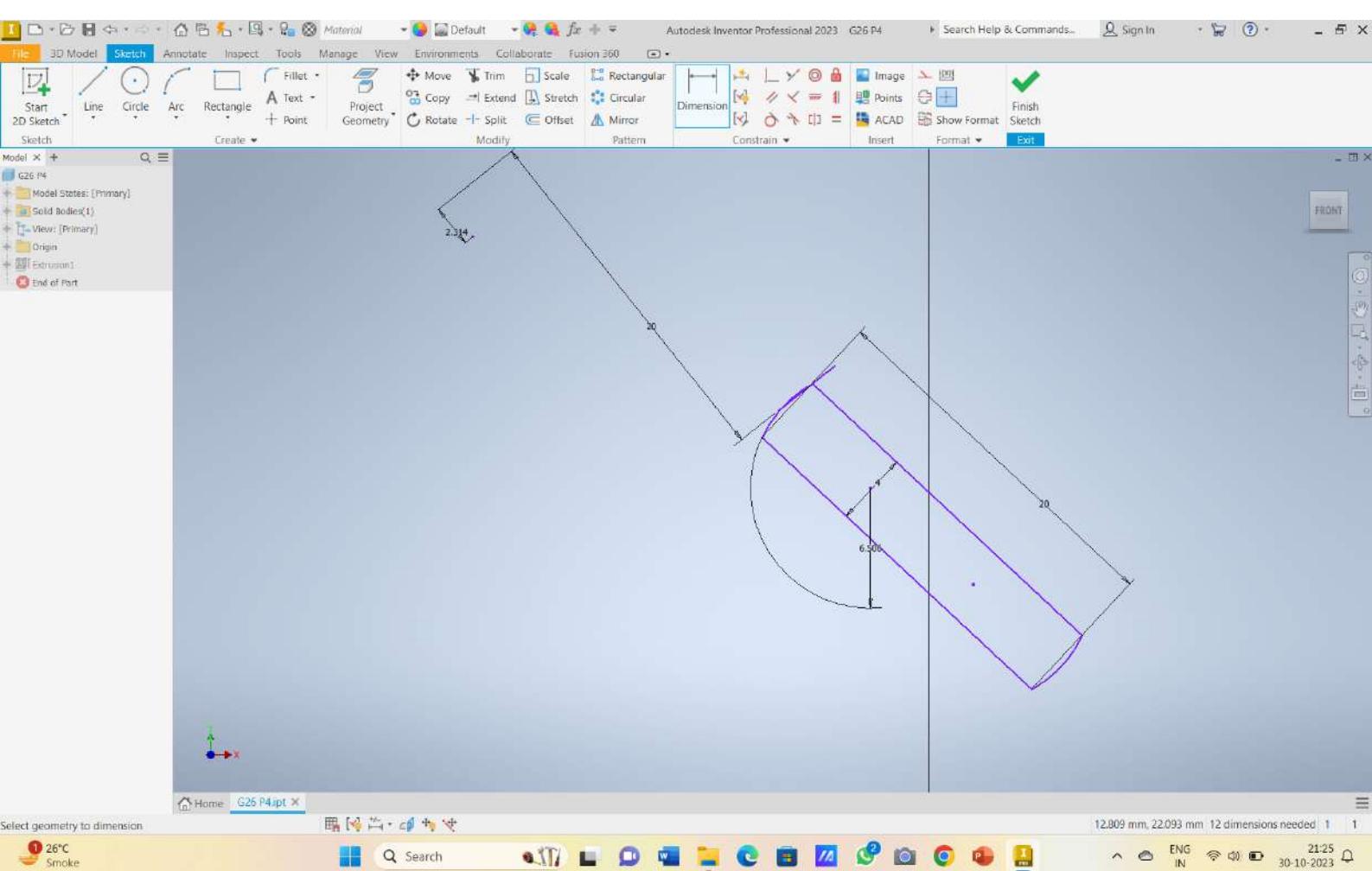


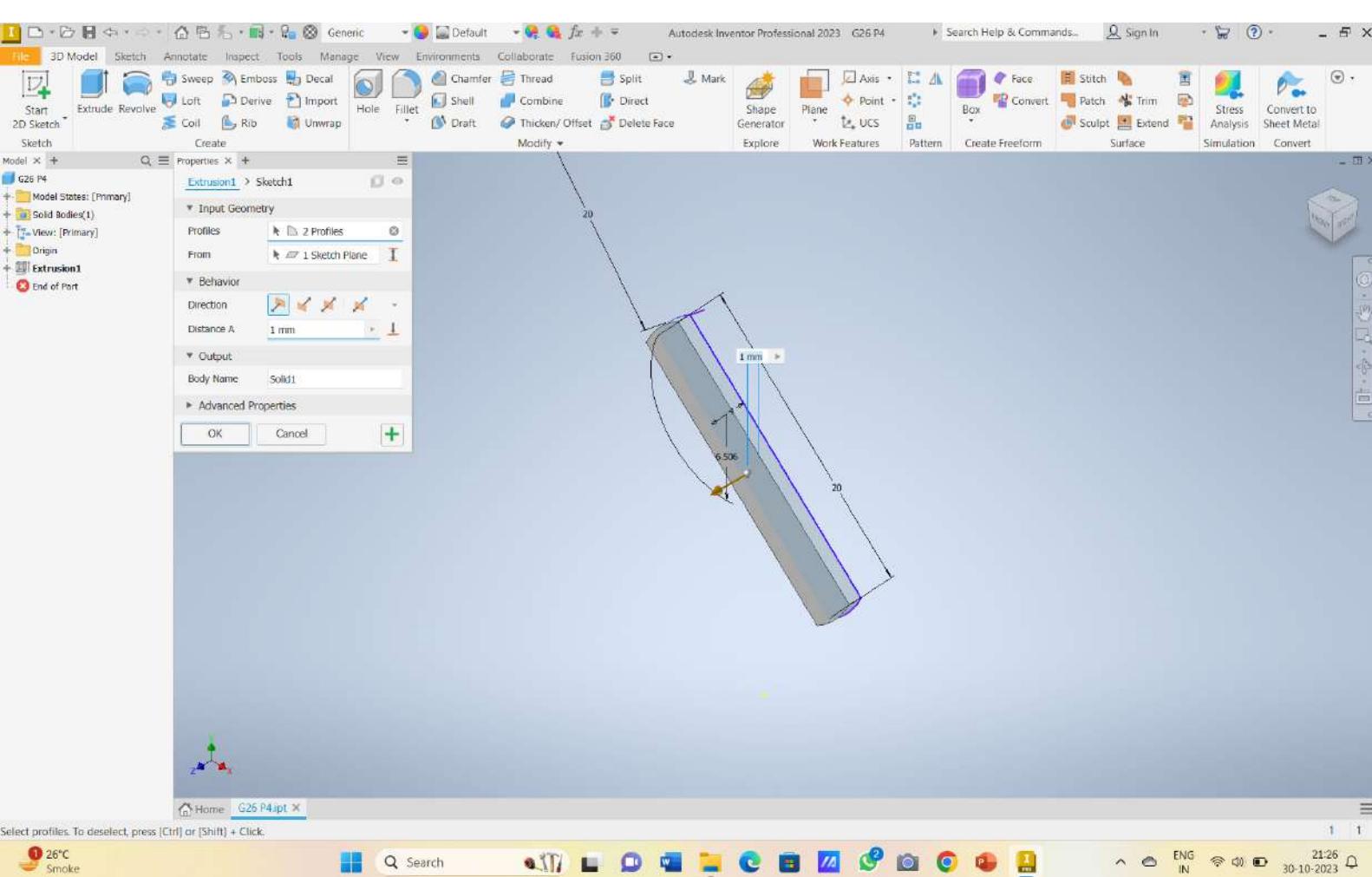


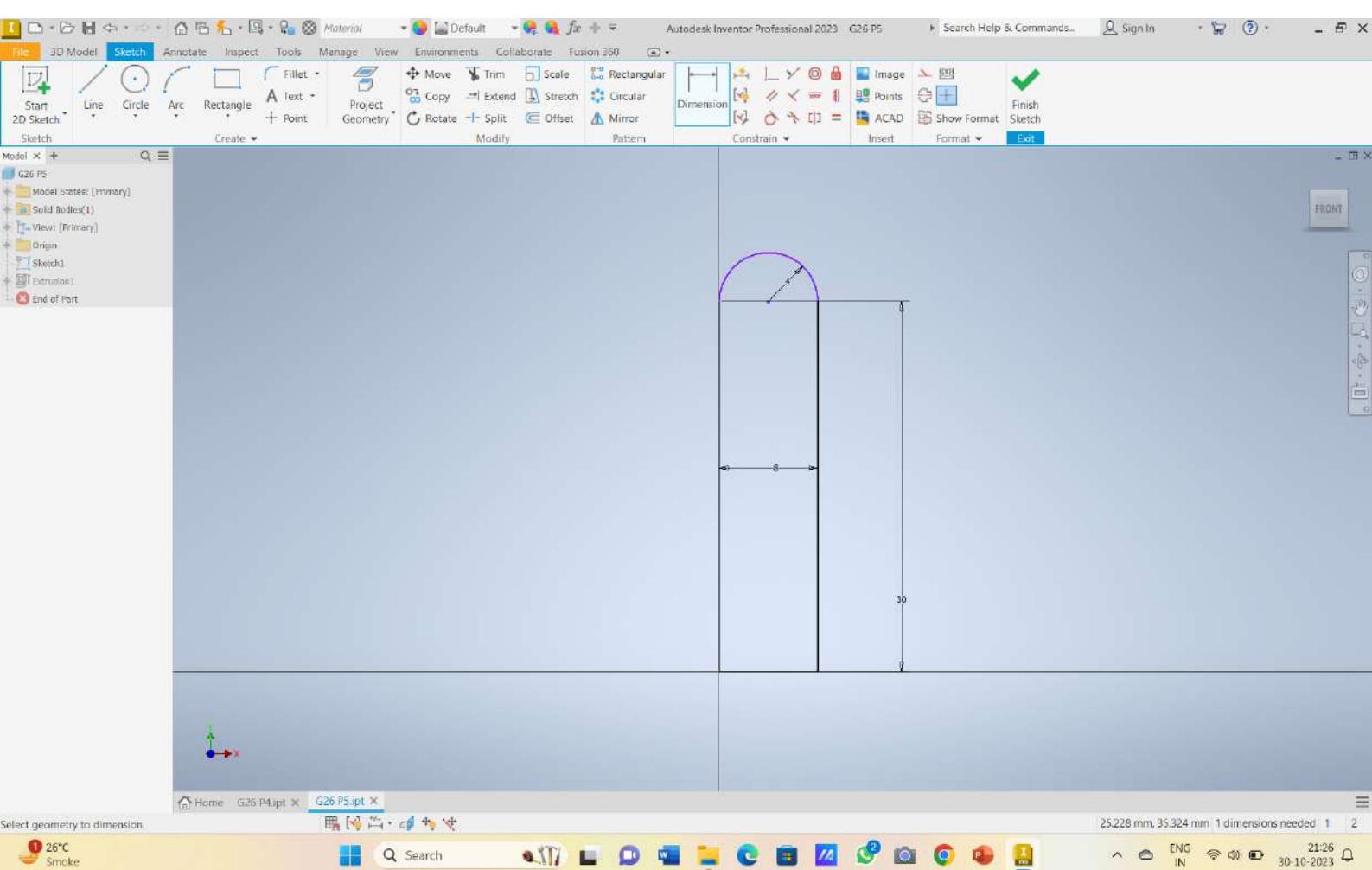










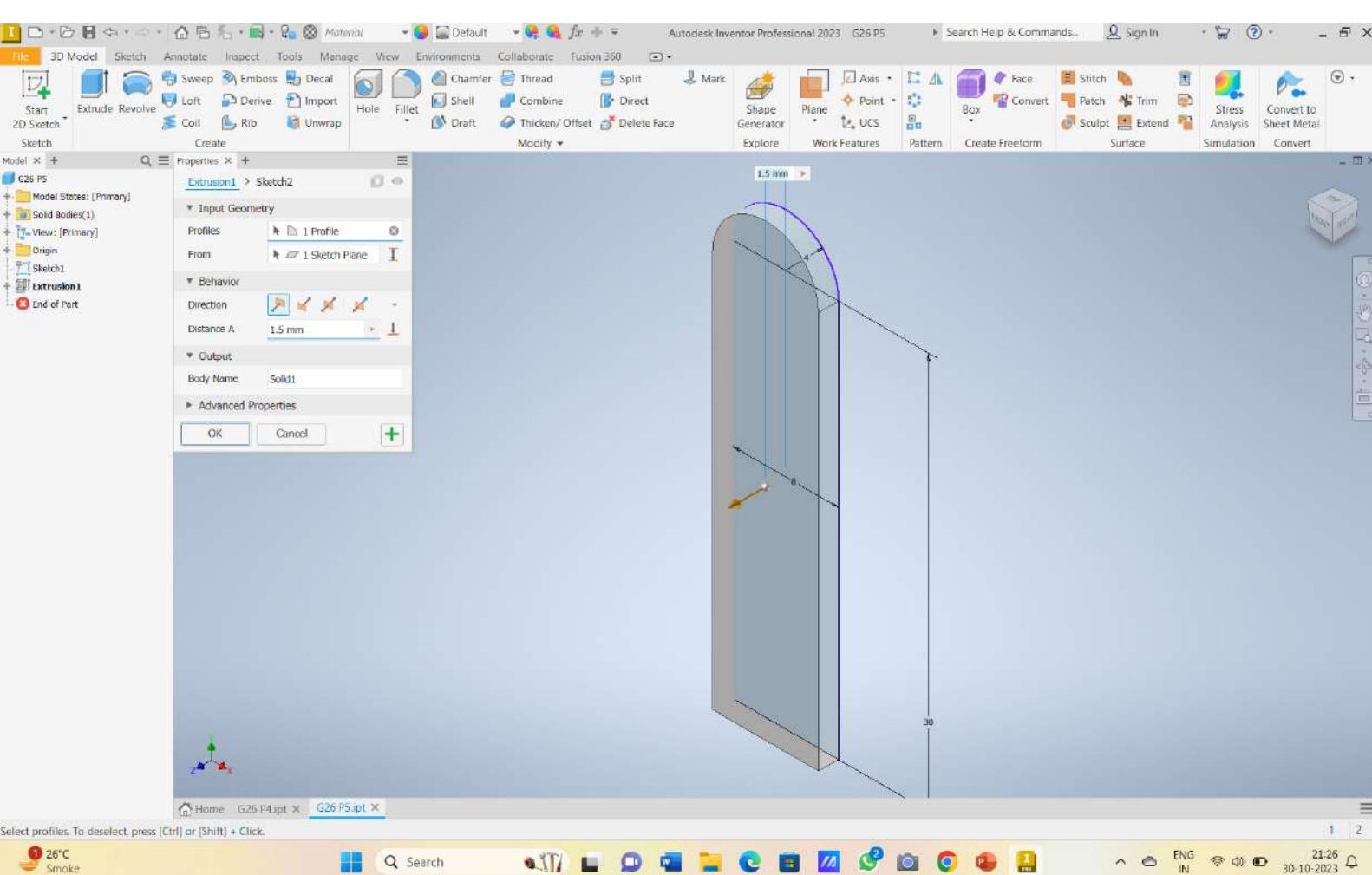


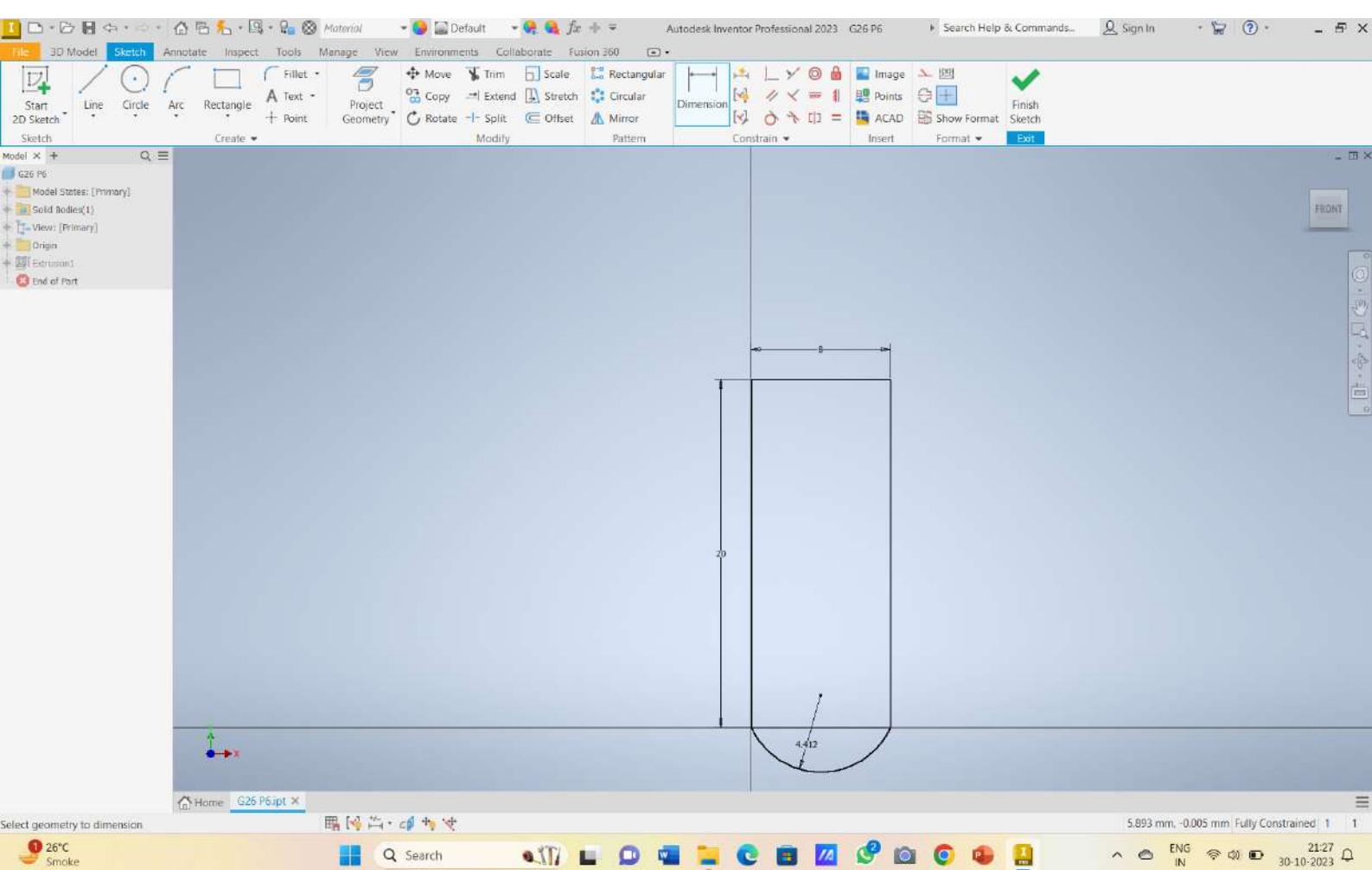
Select geometry to dimension

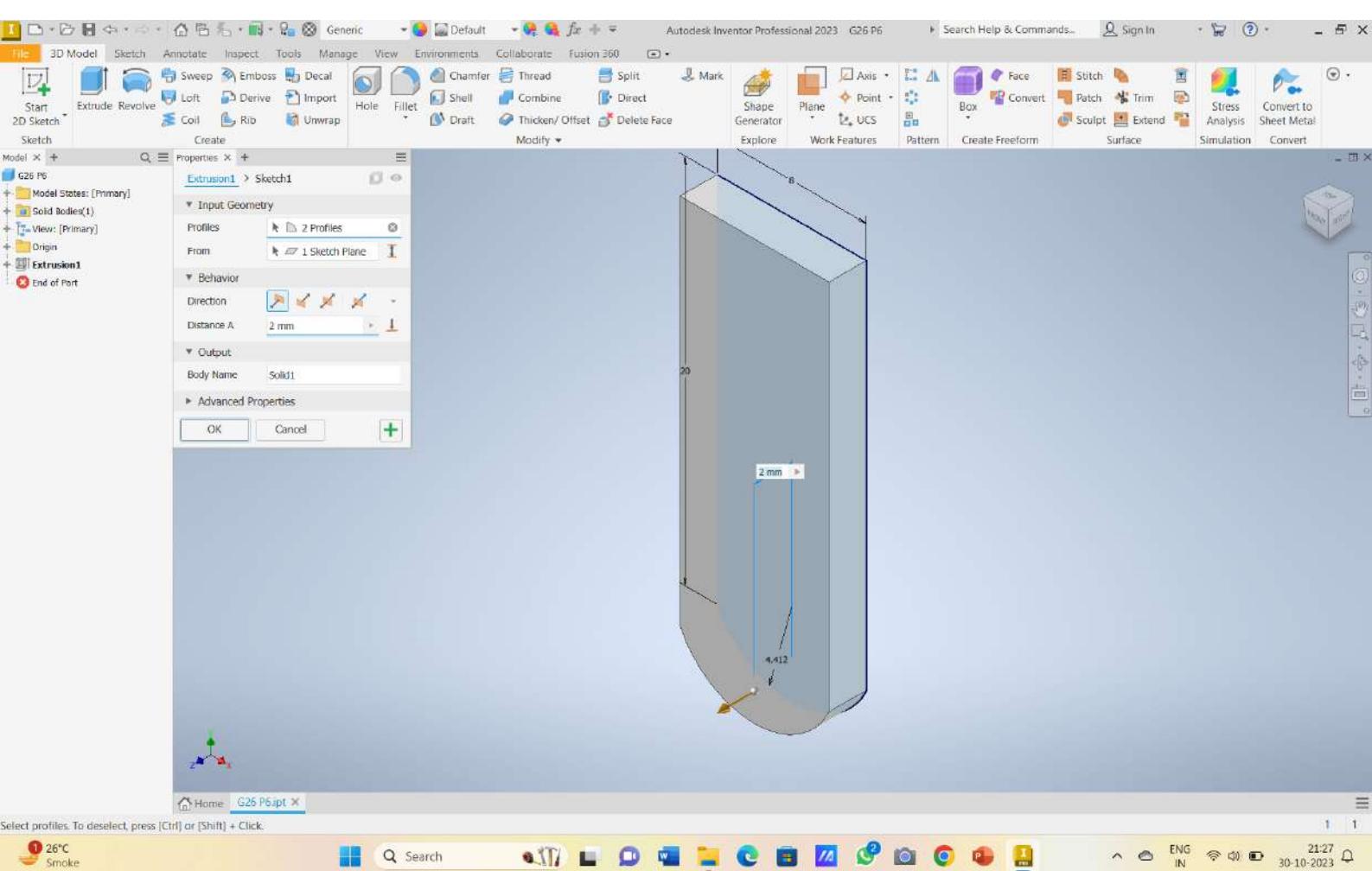
26°C
Smoke

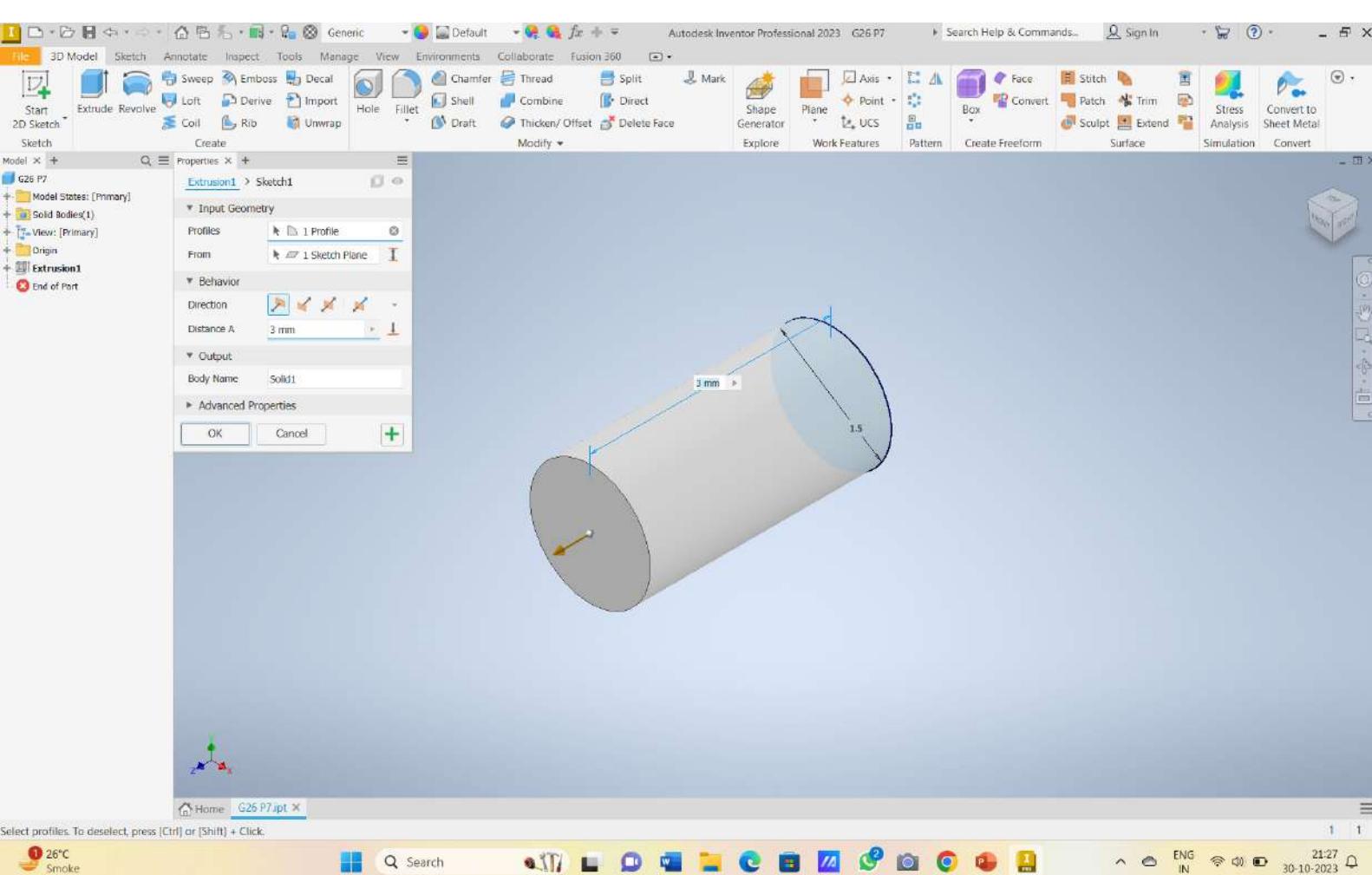
Search

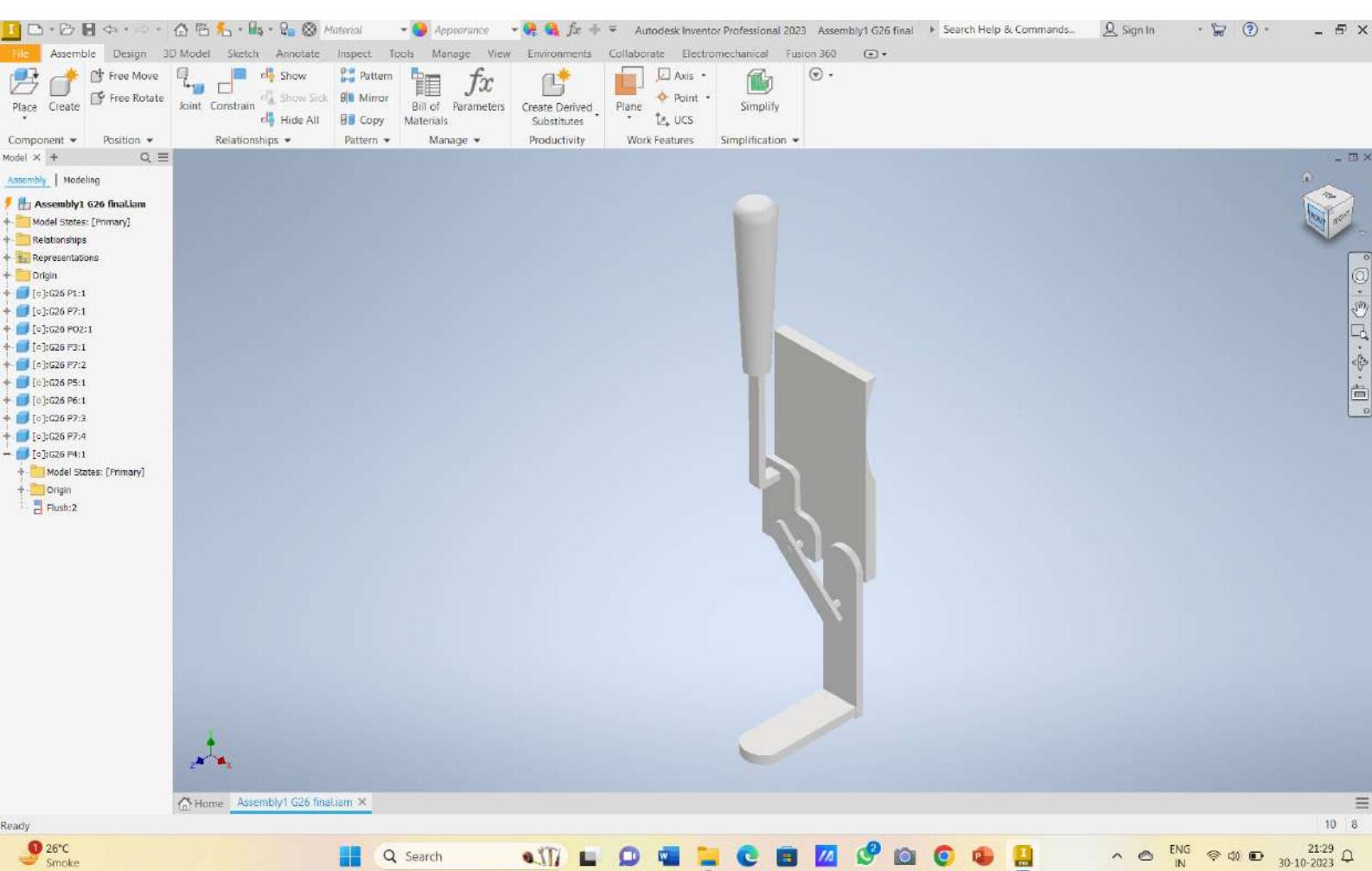
25.228 mm, 35.324 mm | 1 dimensions needed | 1 | 2 | ENG IN 21:26 30-10-2023

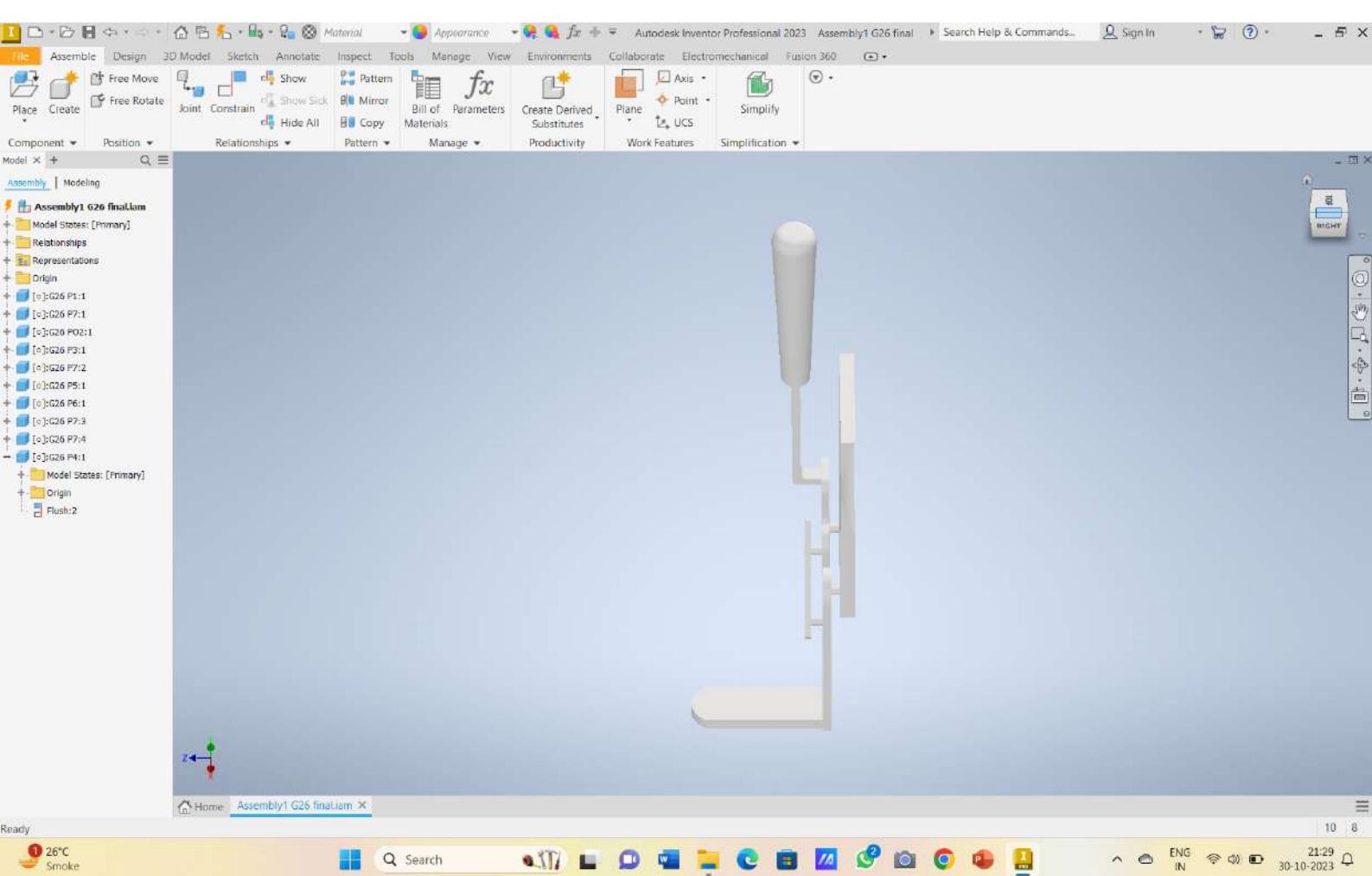


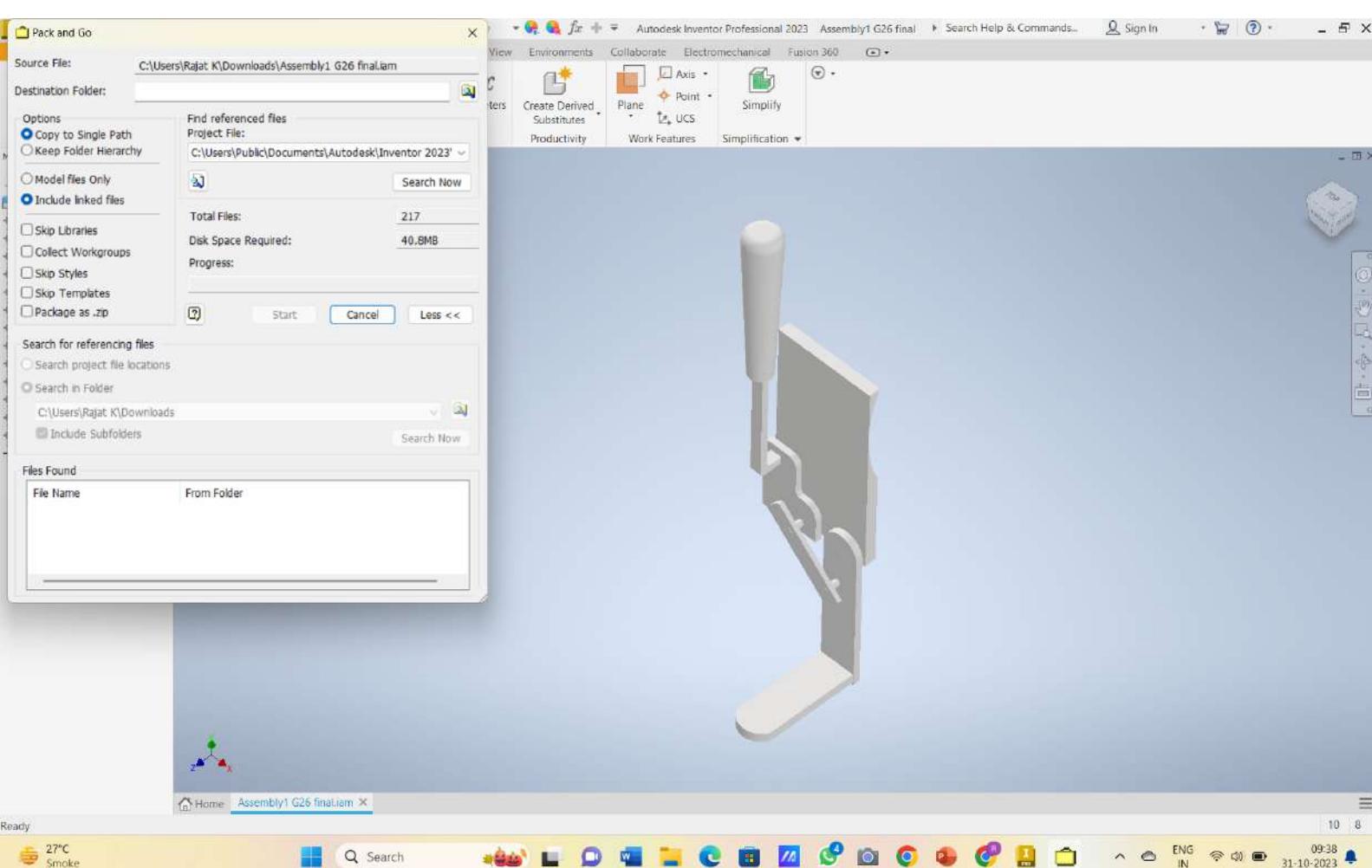


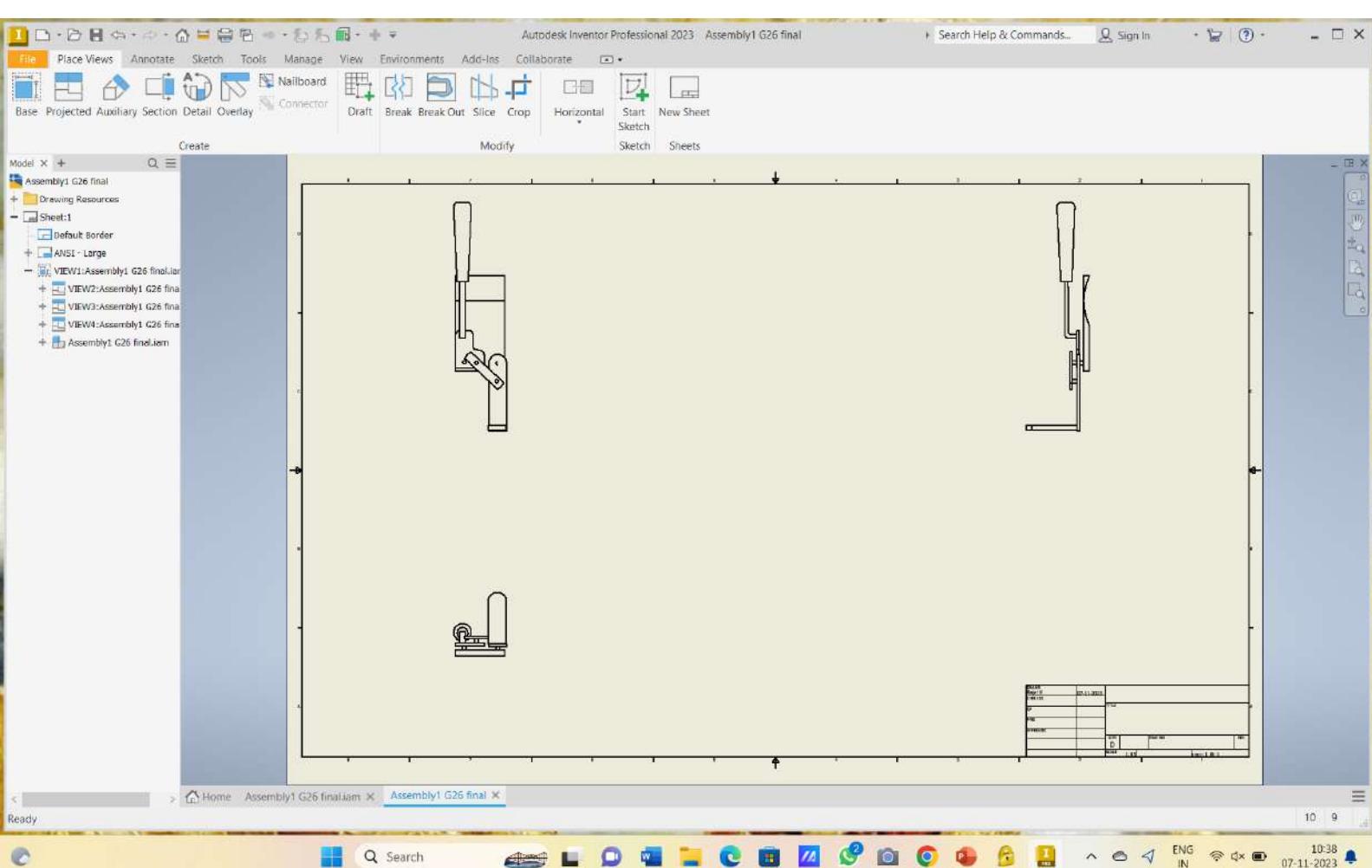


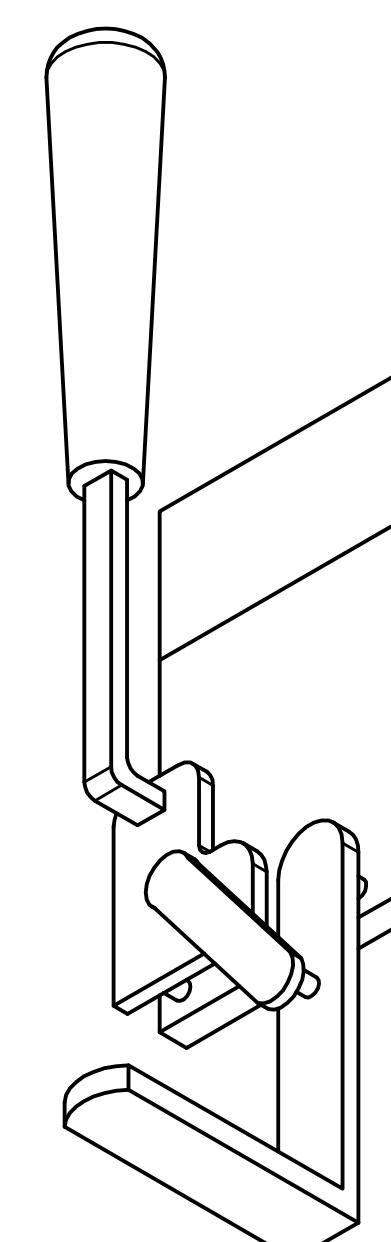
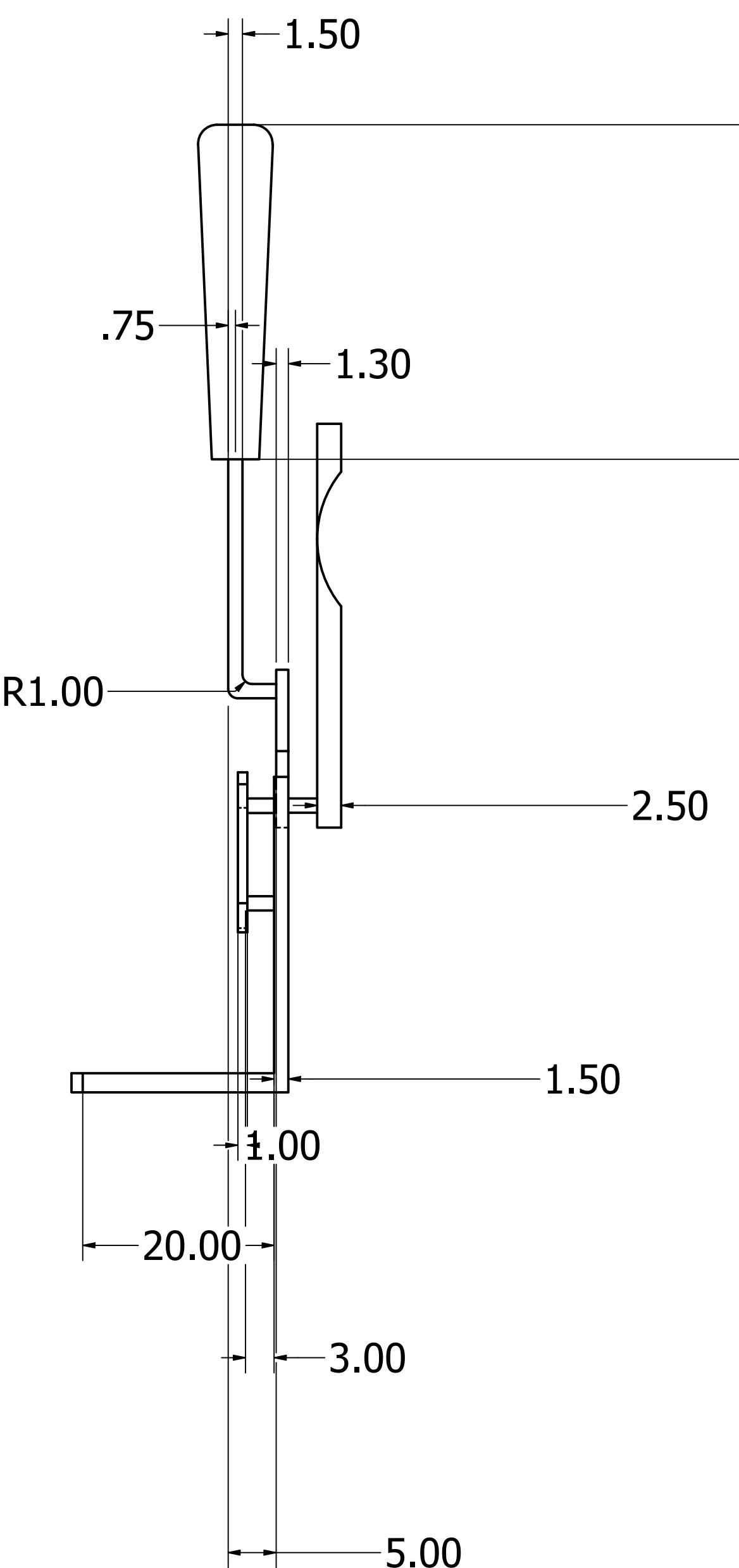
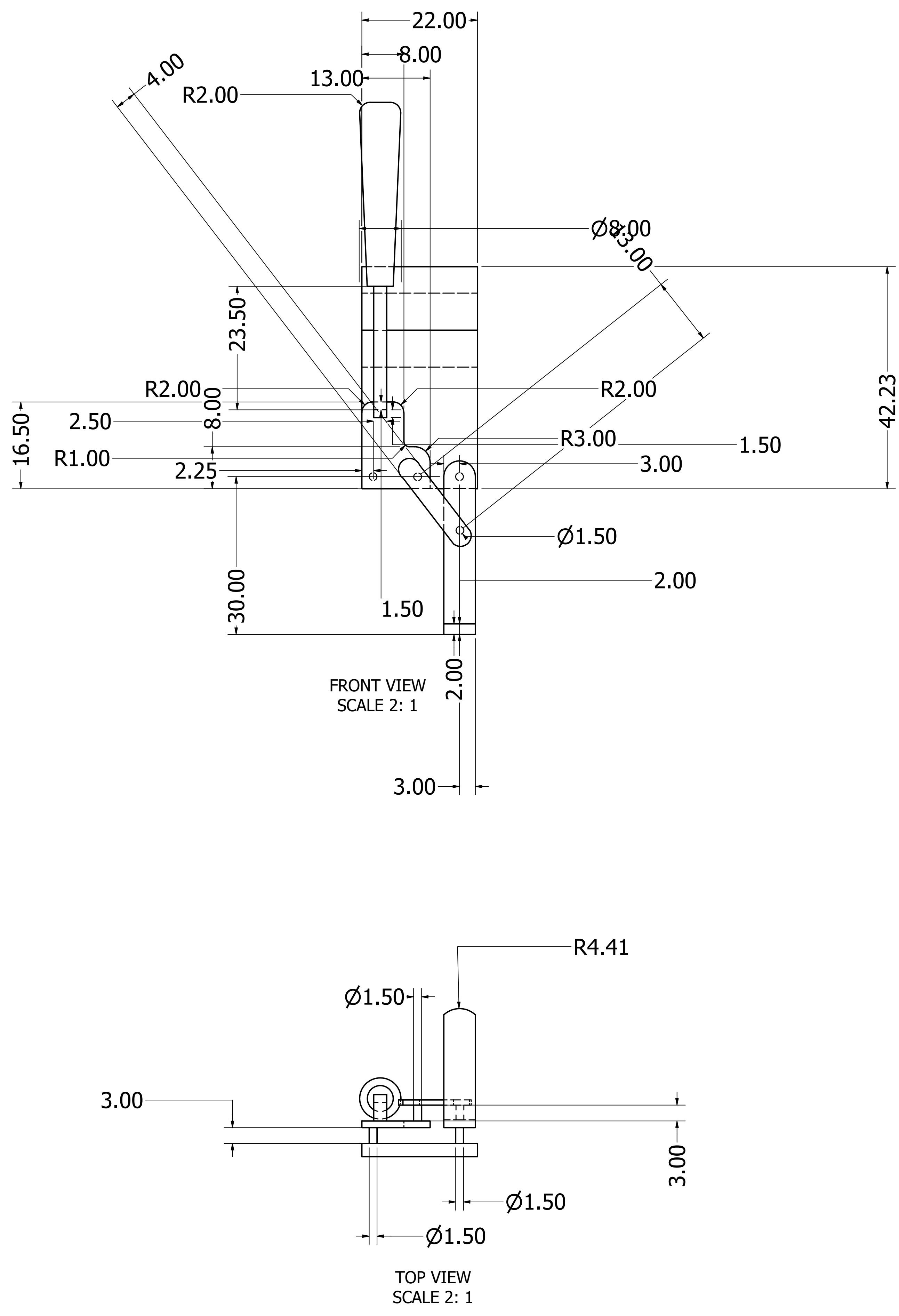








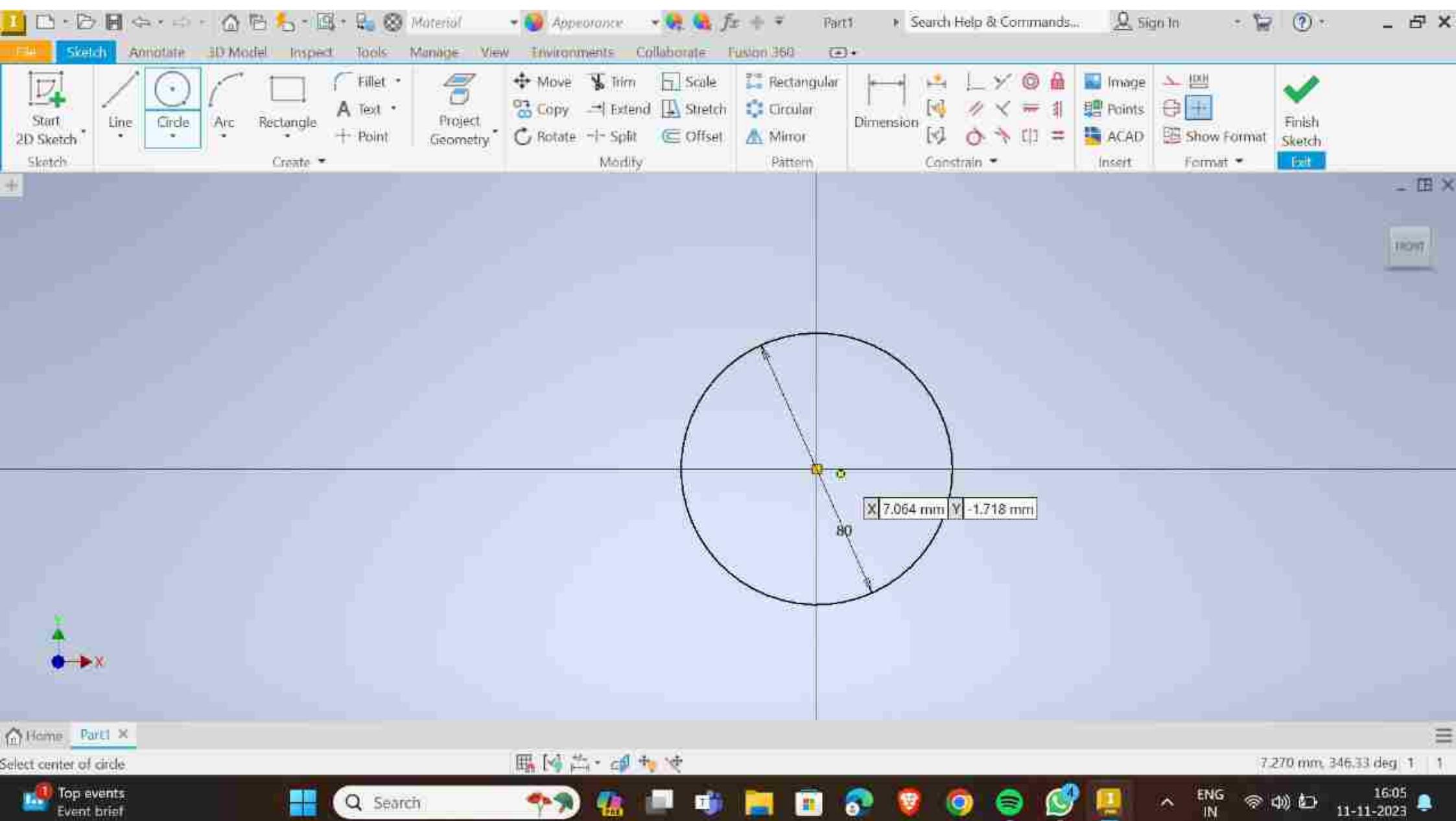




ISOMETRIC VIEW

SCALE 2: 1

DRAWN RAJAT KABRA	16-11-2023	G-26		
CHECKED				
QA		TITLE		
MFG		BRAKE		
APPROVED				
		SIZE D	DWG NO	REV
		SCALE 2: 1	SHEET 1	OF 1



Top events
Event brief



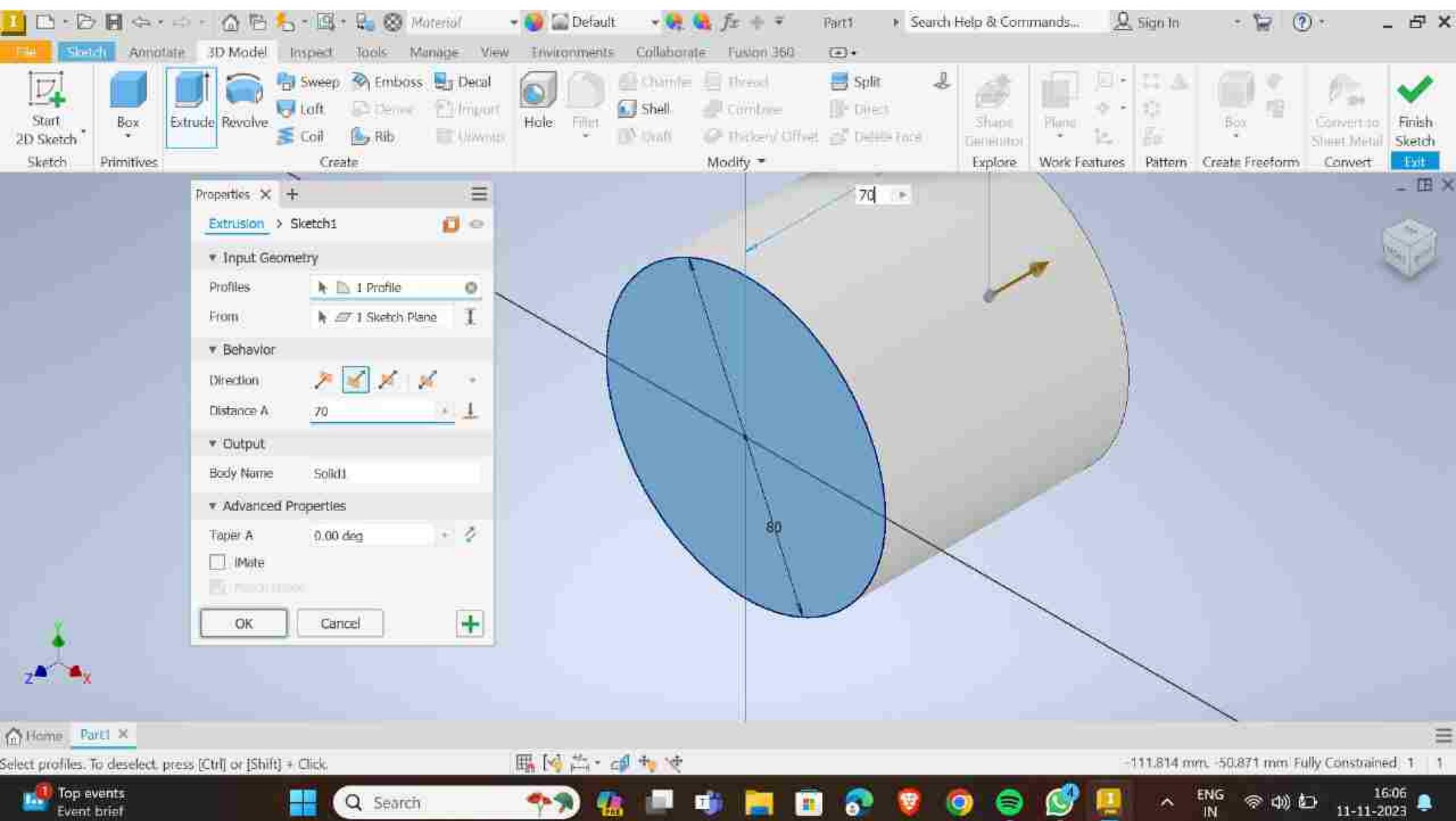
Search

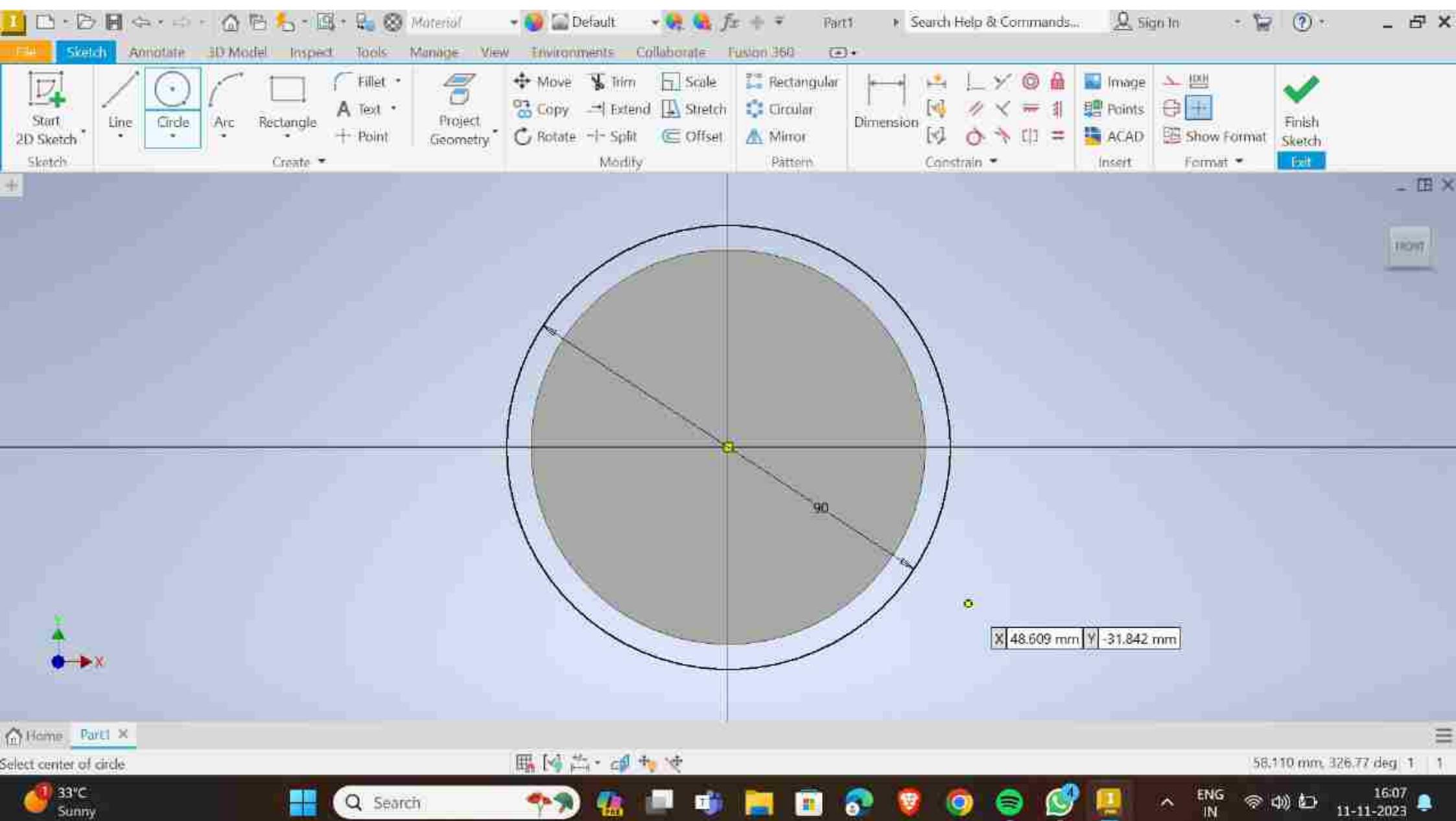


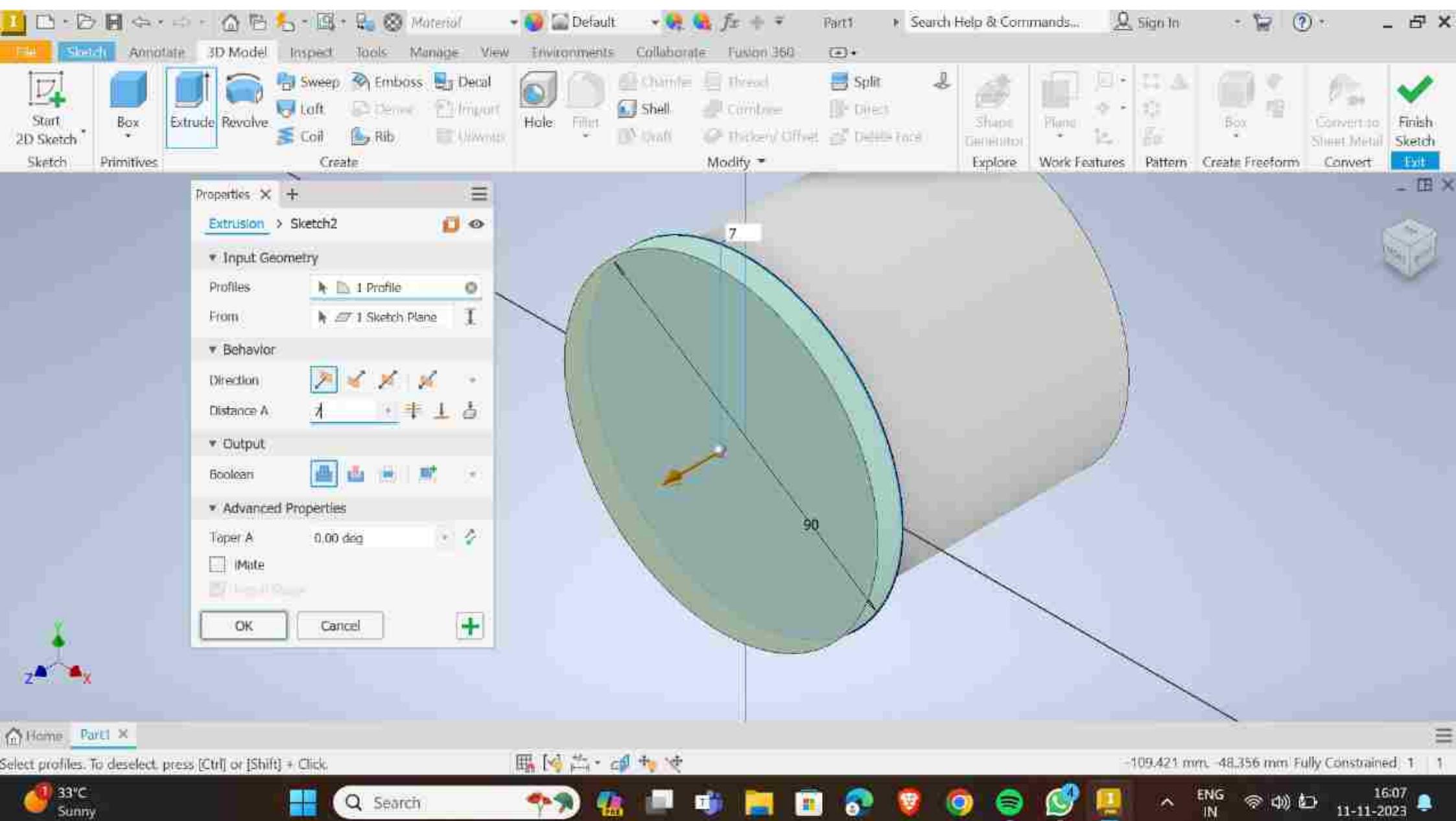
ENG
IN

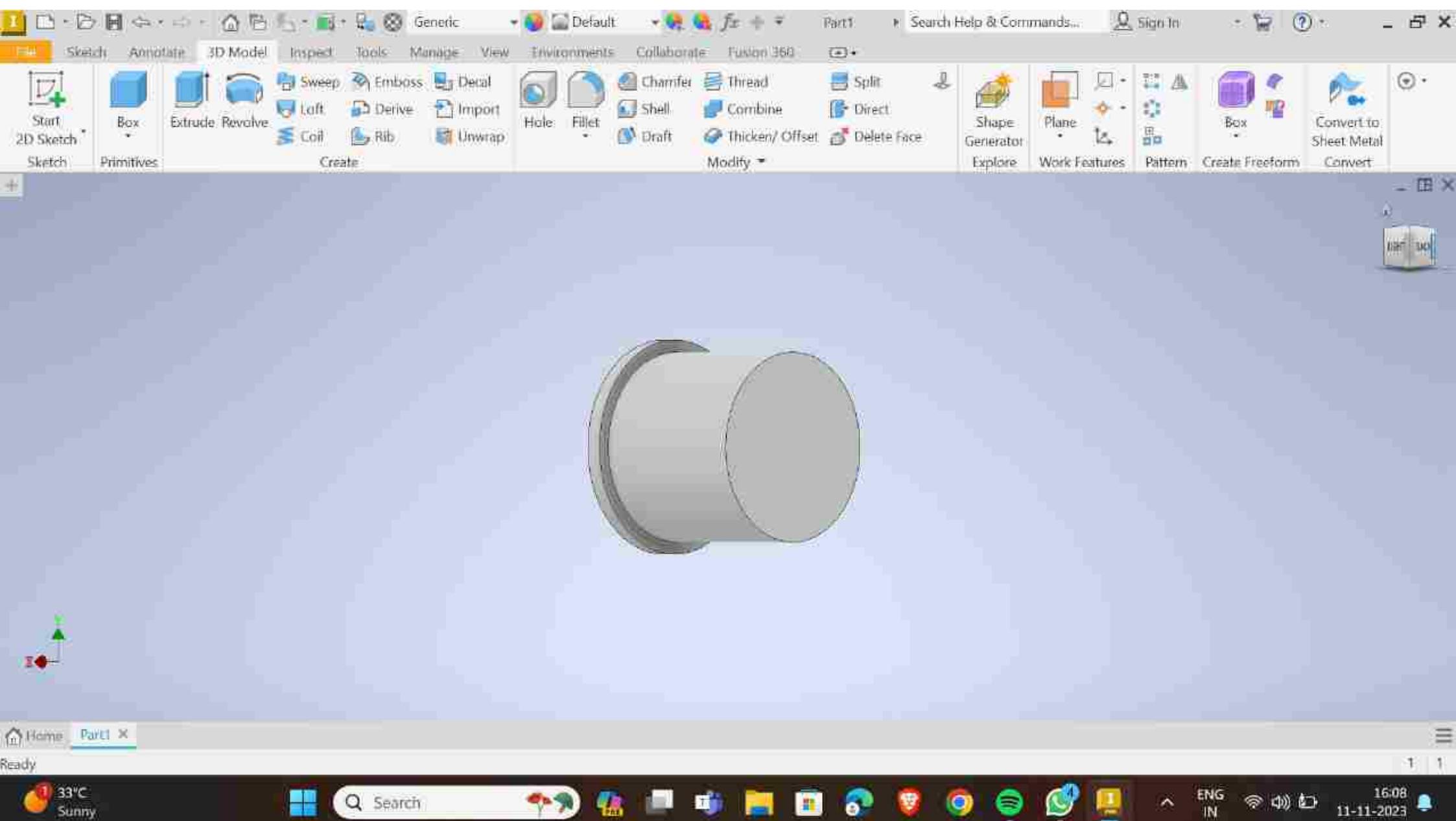


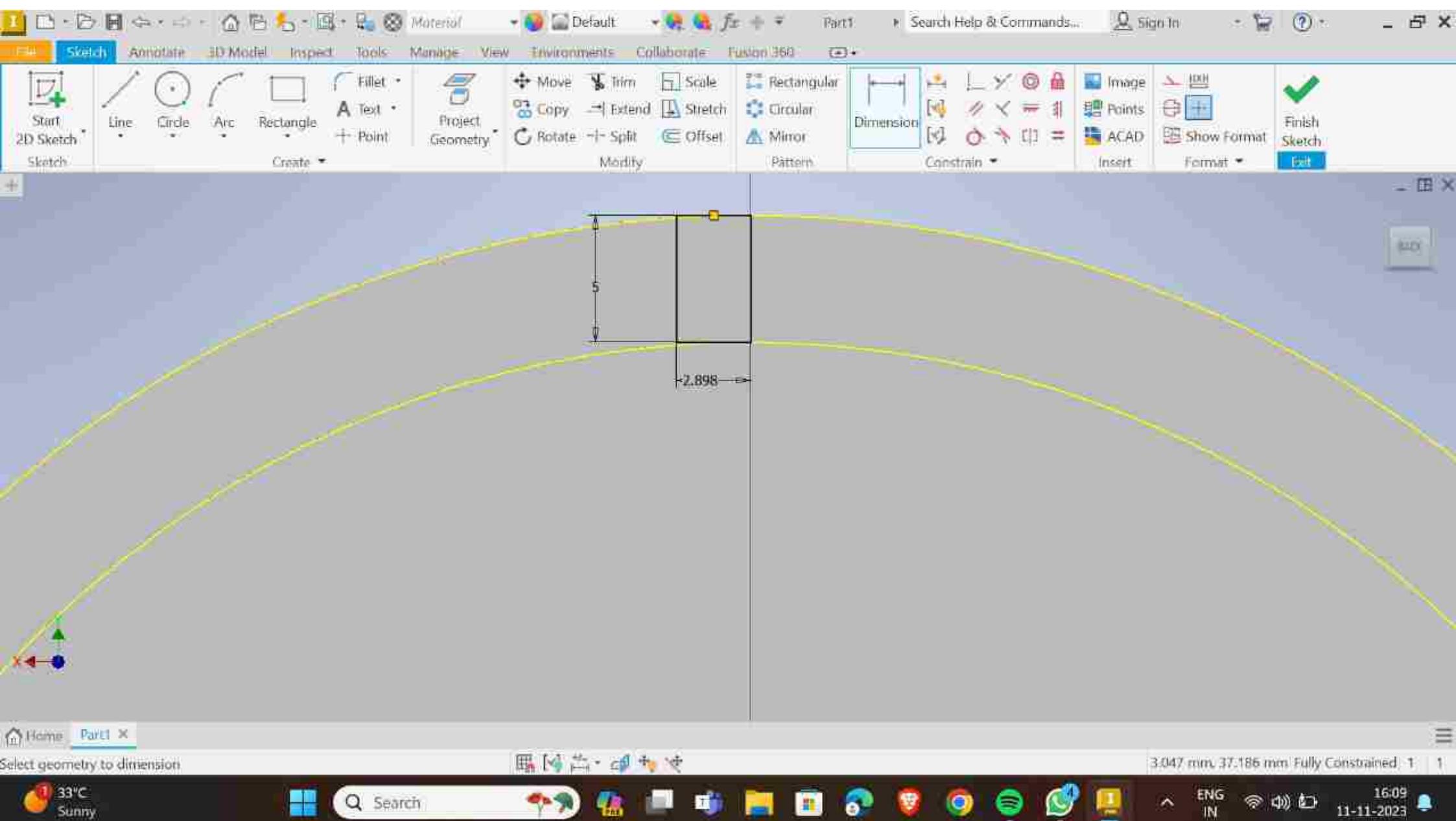
16:05
11-11-2023

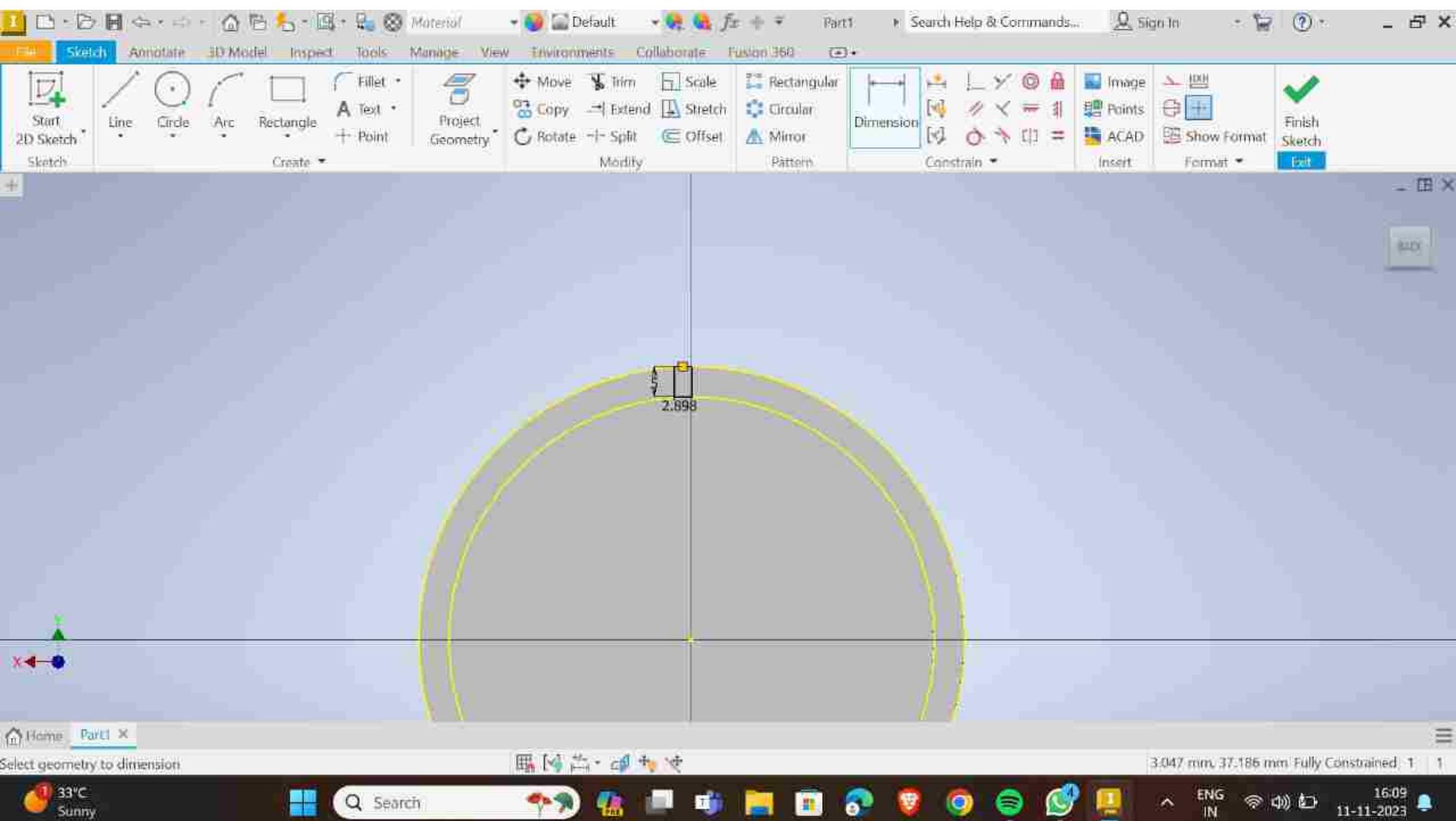


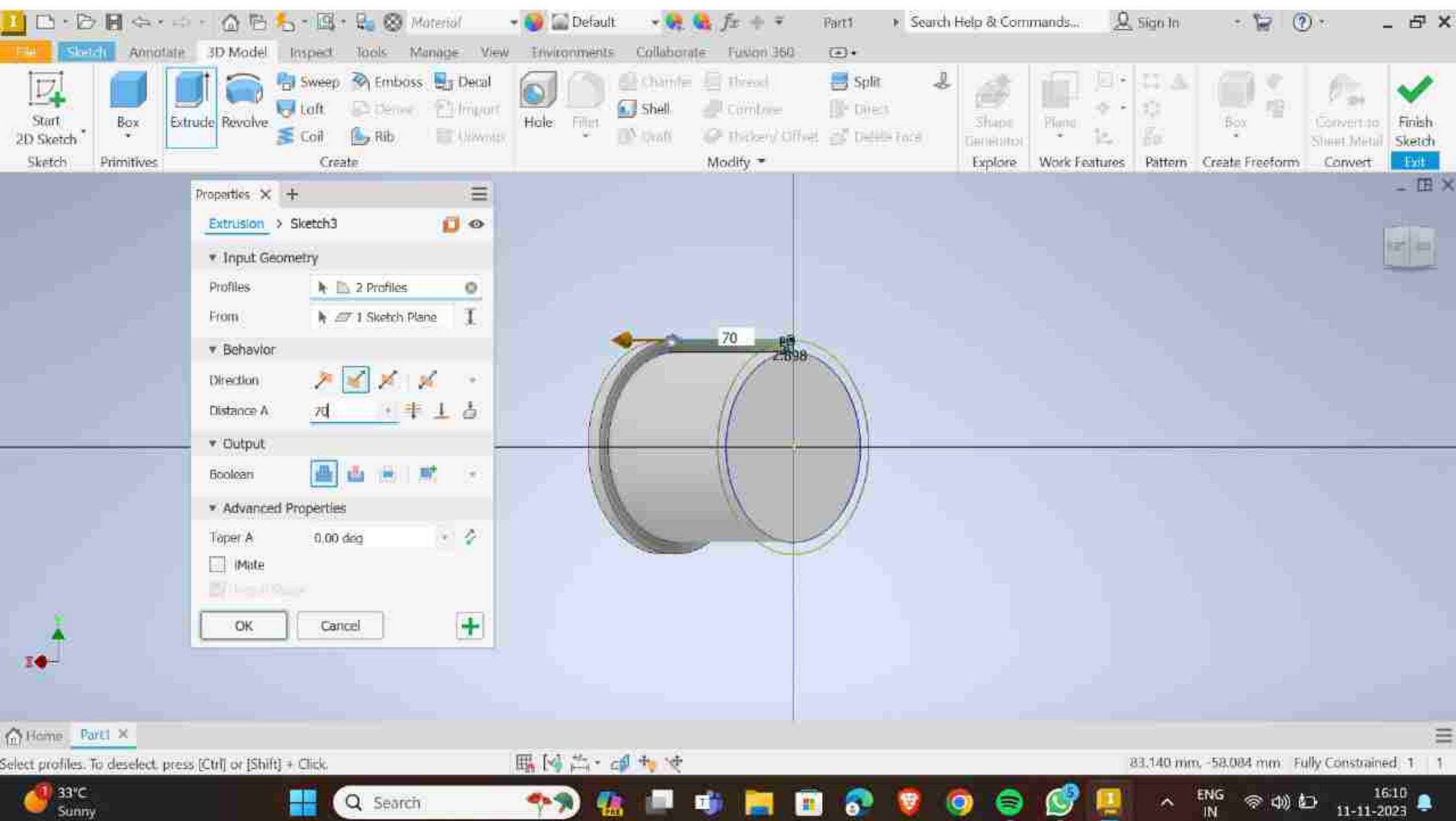


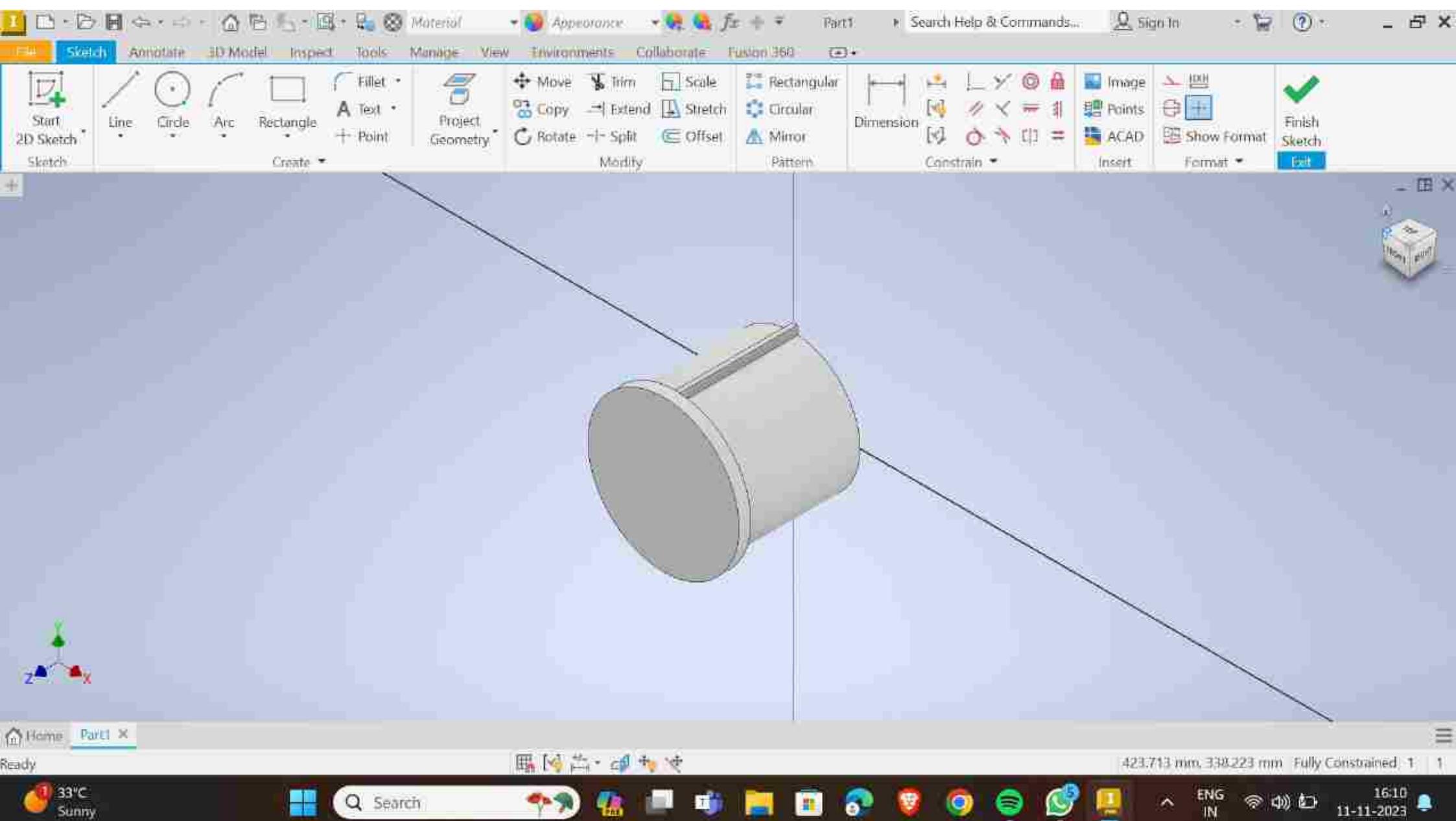












33°C
Sunny

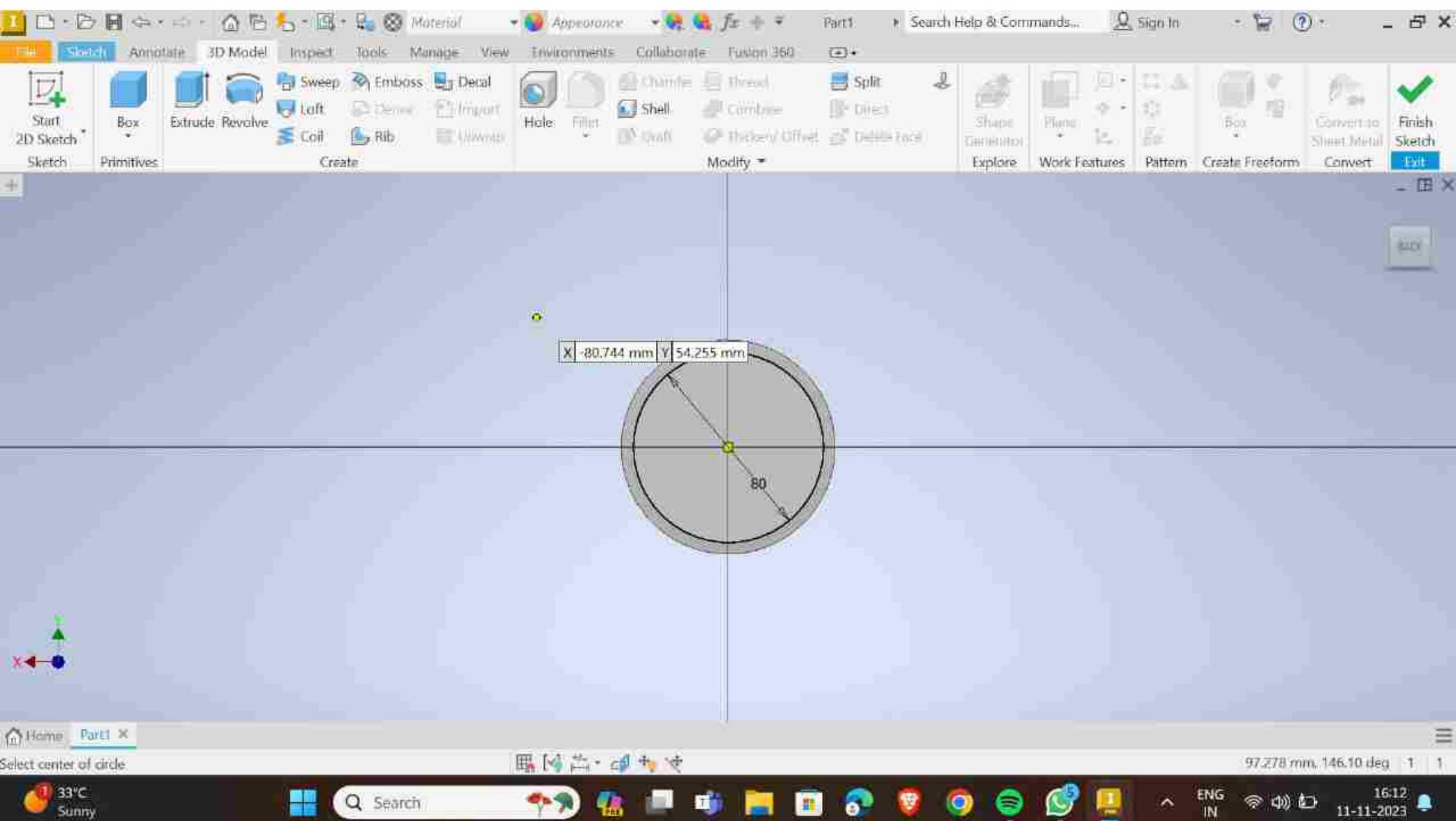
Search

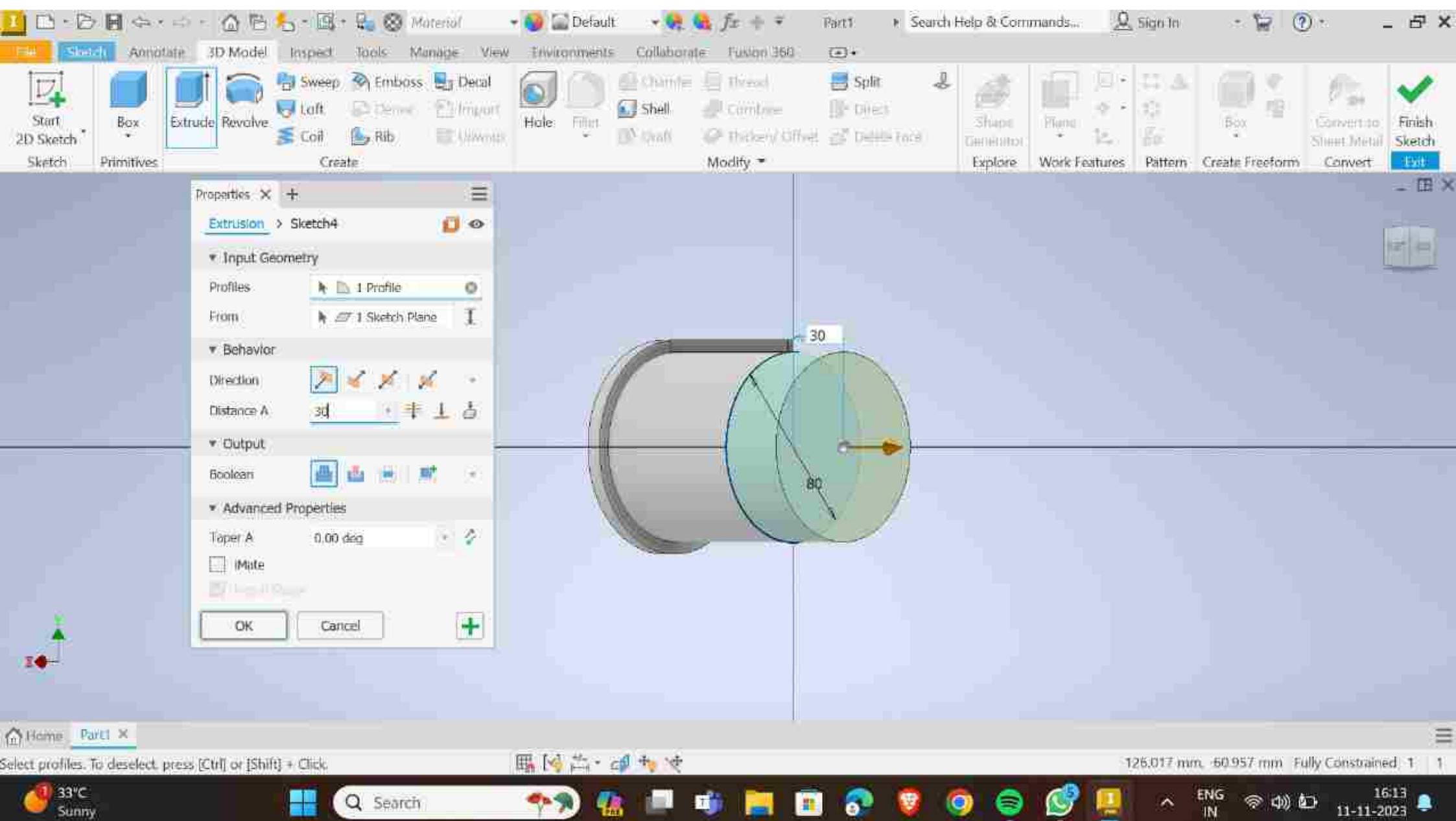


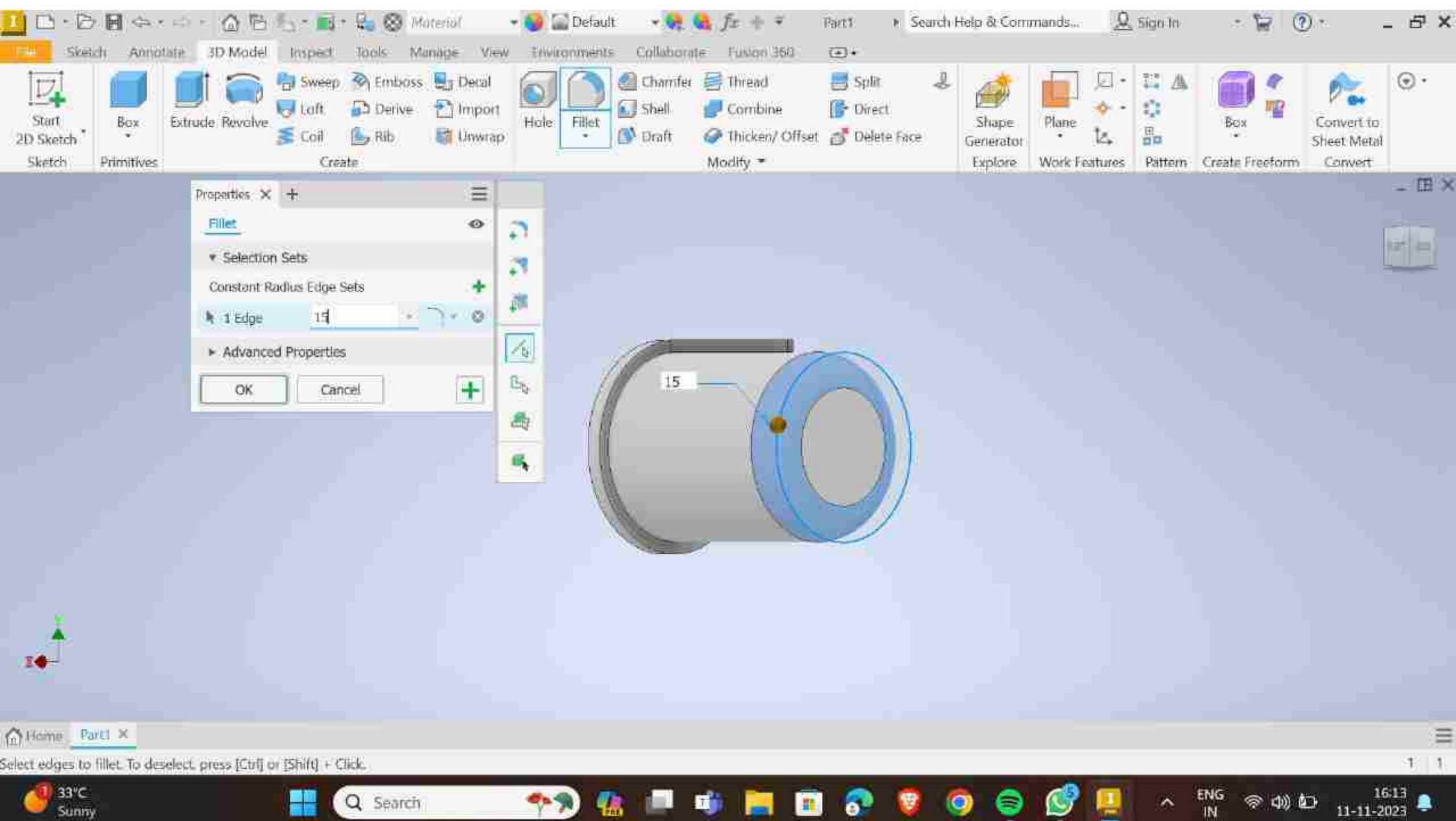
ENG
IN

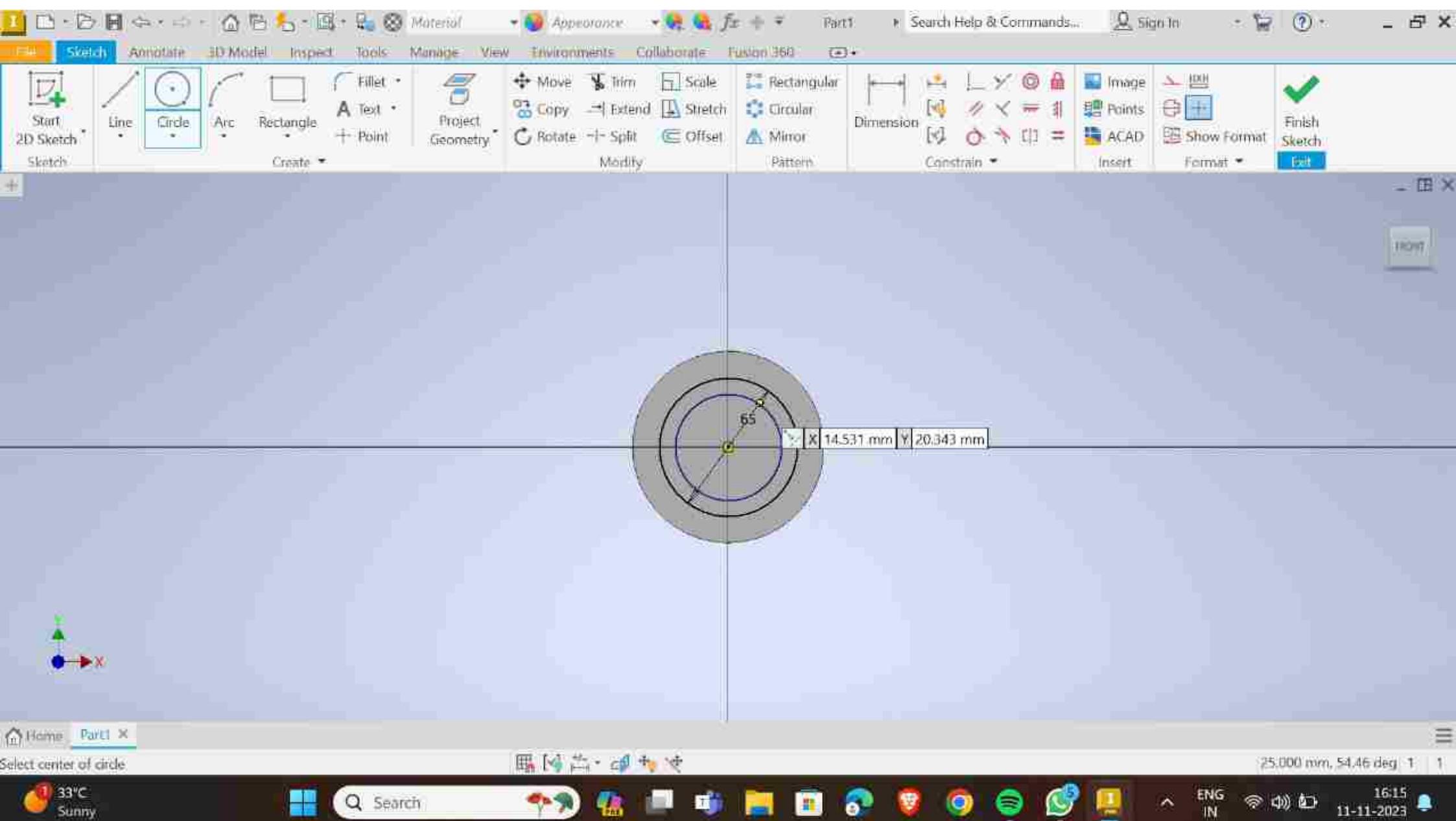


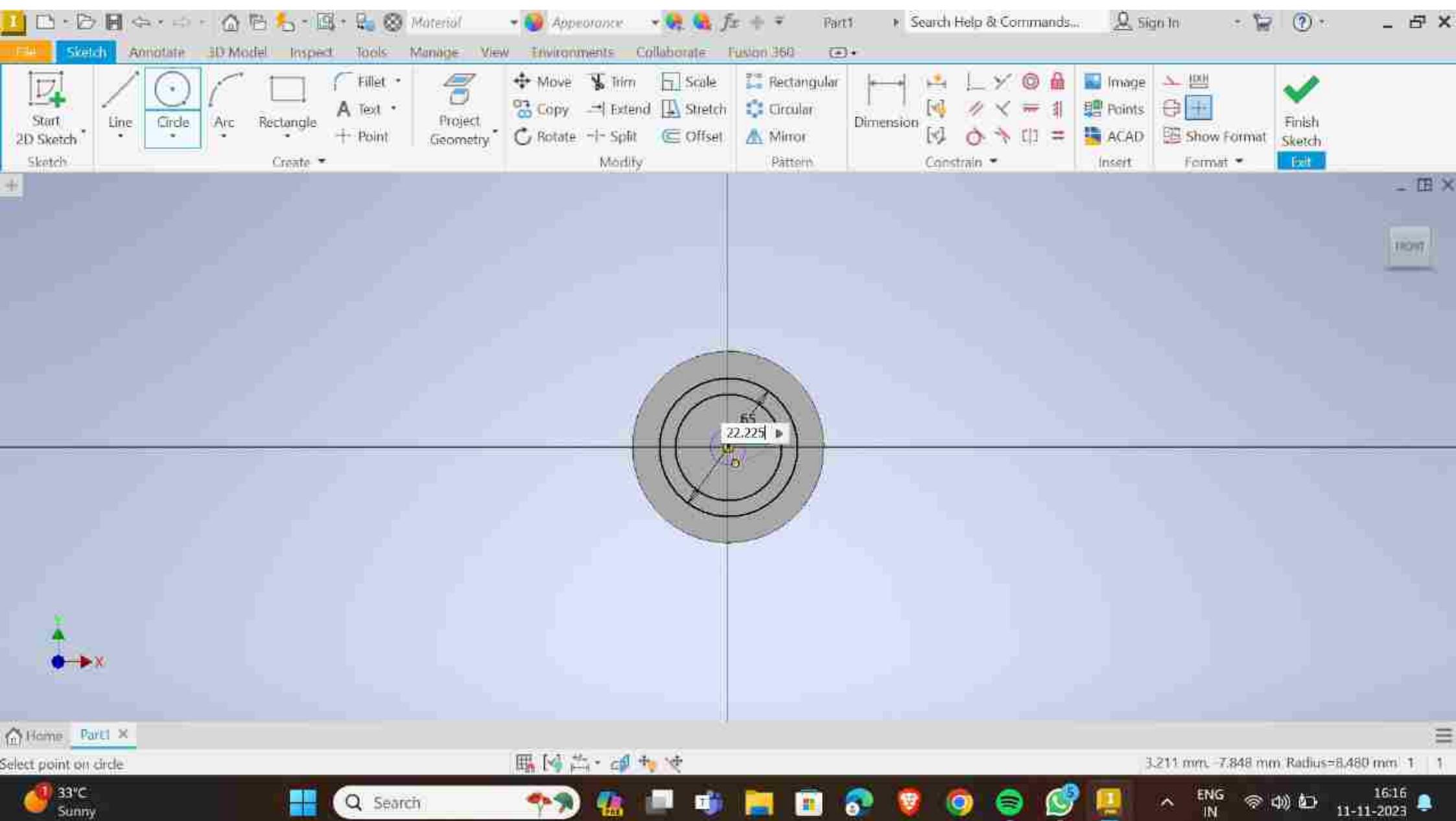
16:10
11-11-2023











Search

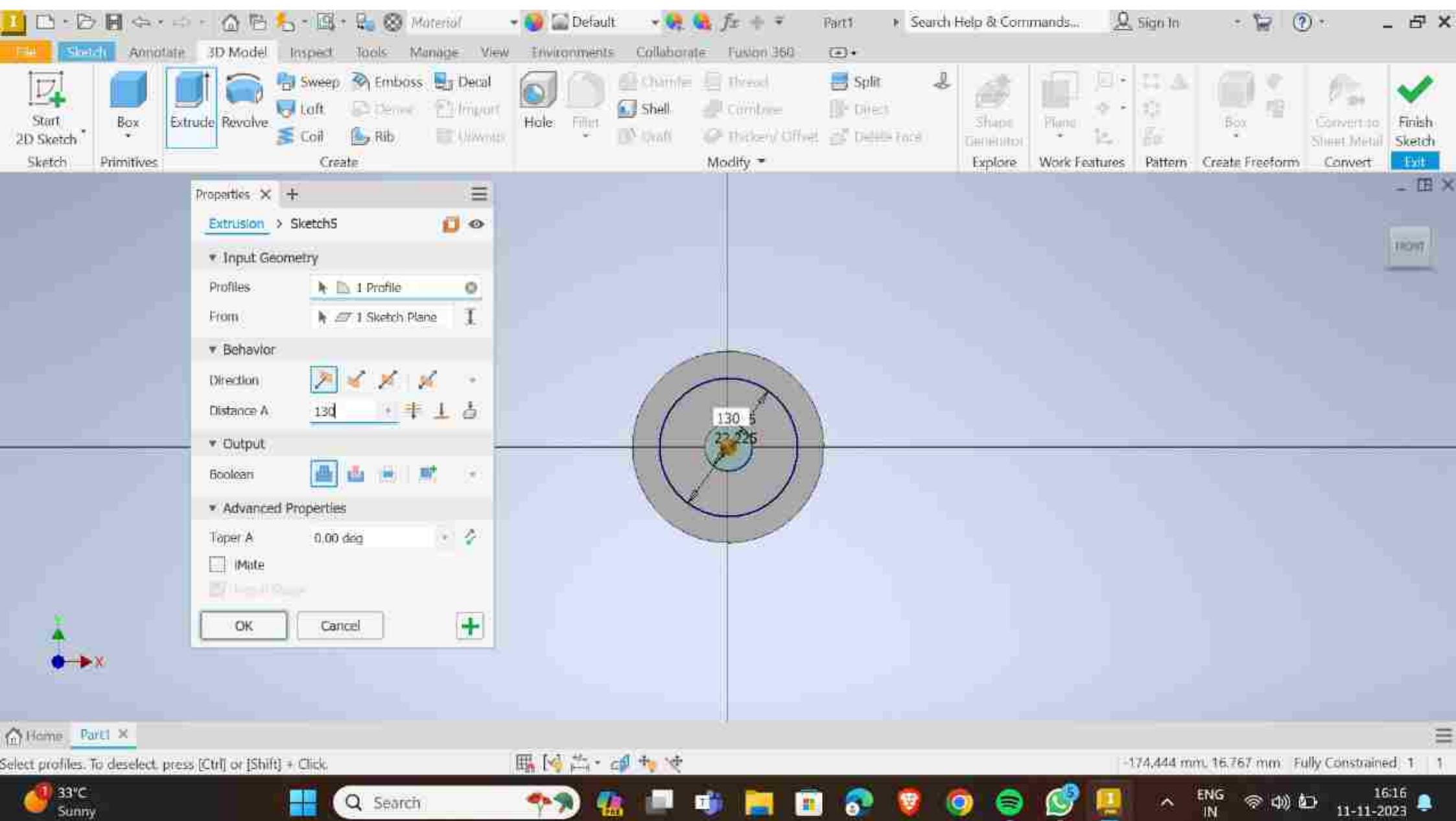


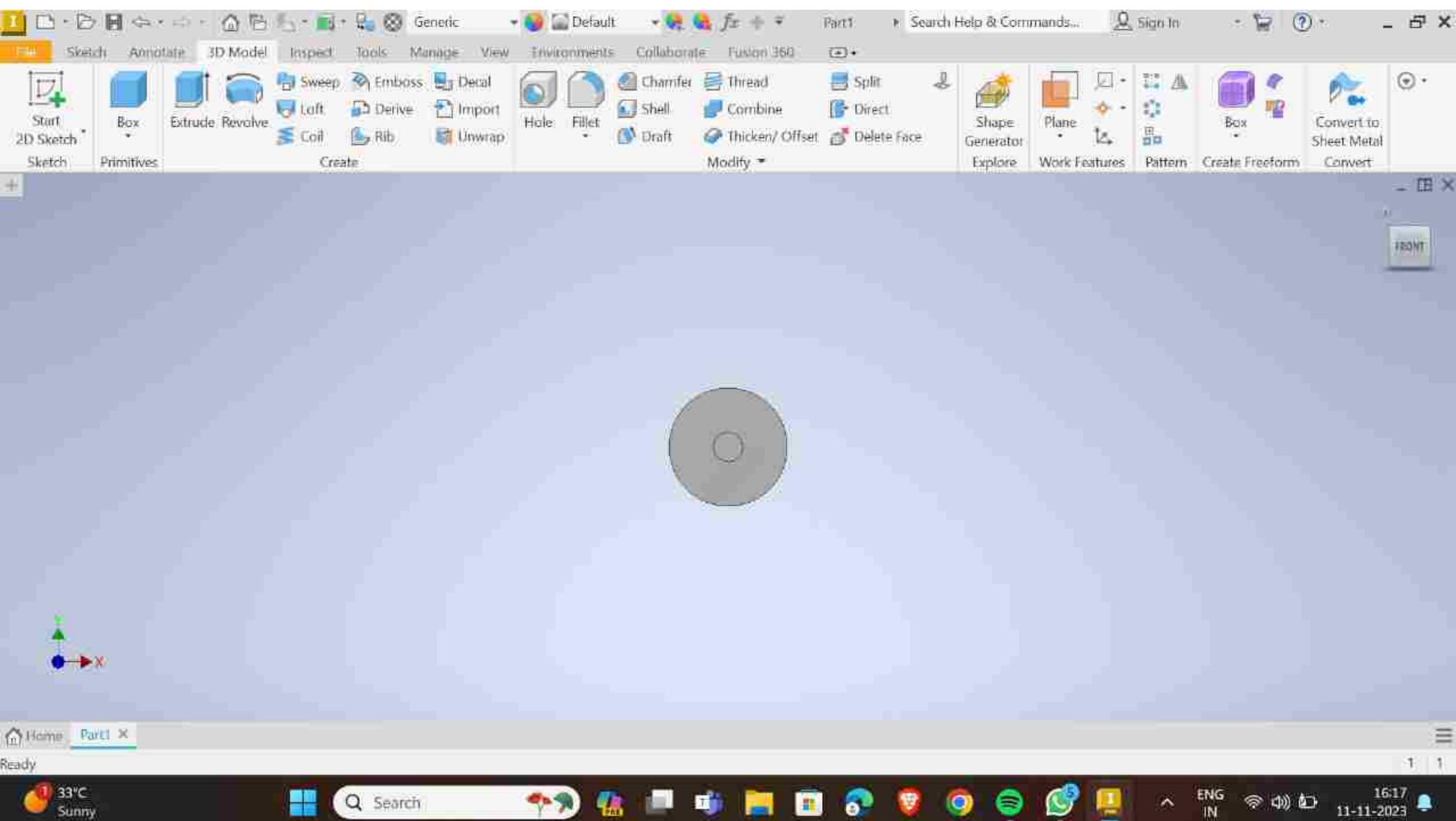
3.211 mm, -7.848 mm; Radius=8.480 mm | 1 1

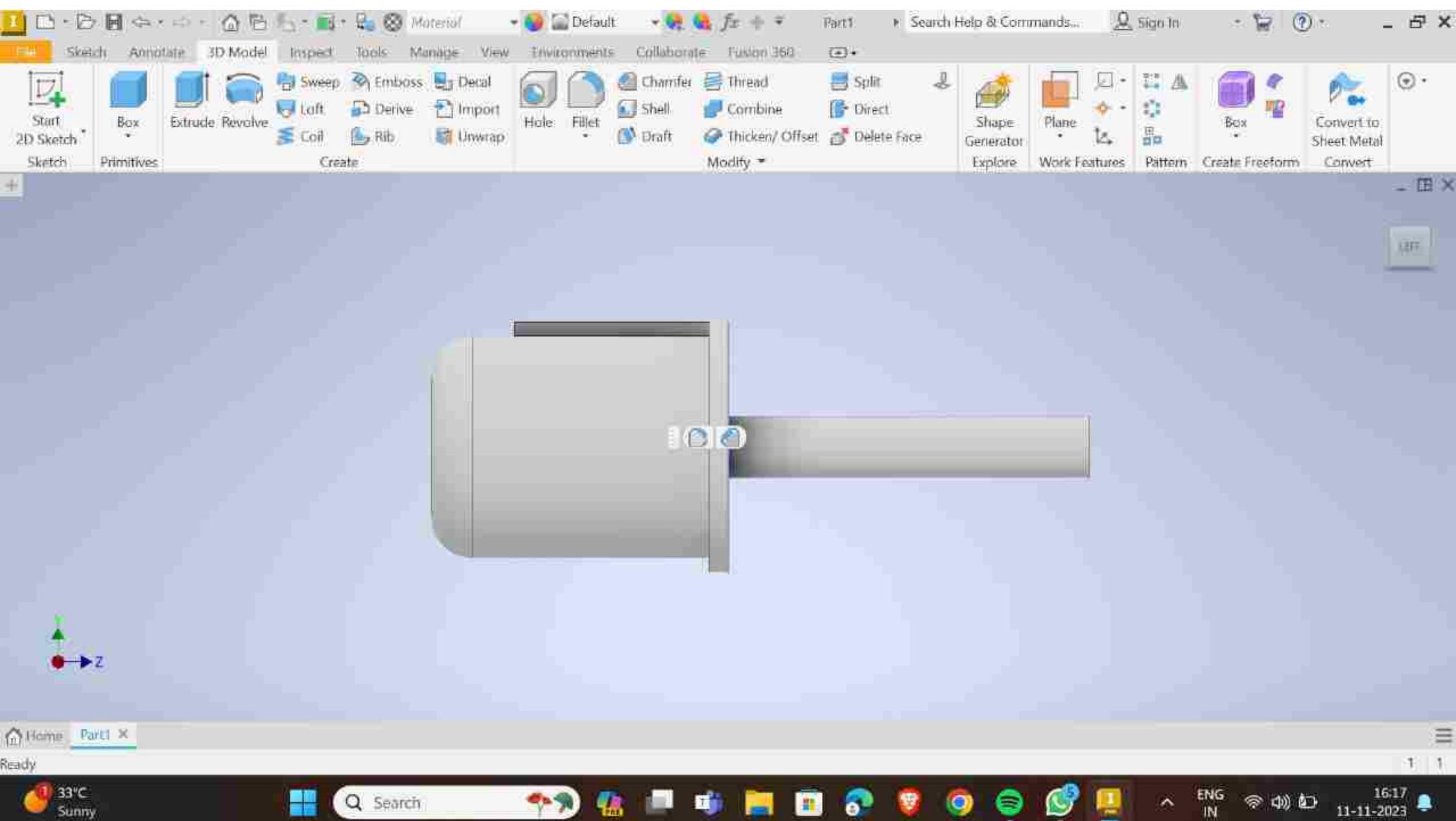
ENG
IN

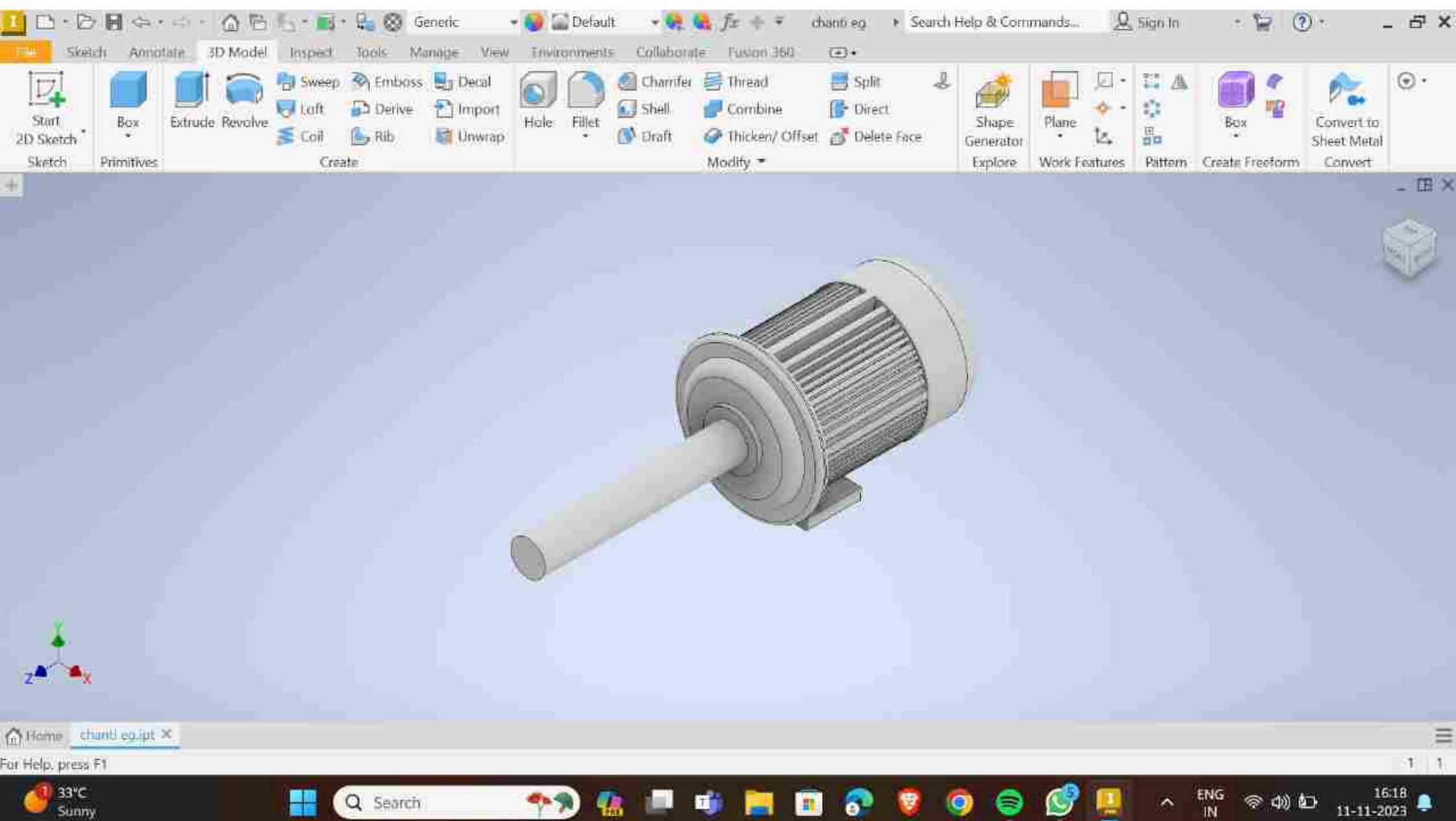
Wi-Fi
BT

16:16
11-11-2023









For Help, press F1

33°C
Sunny



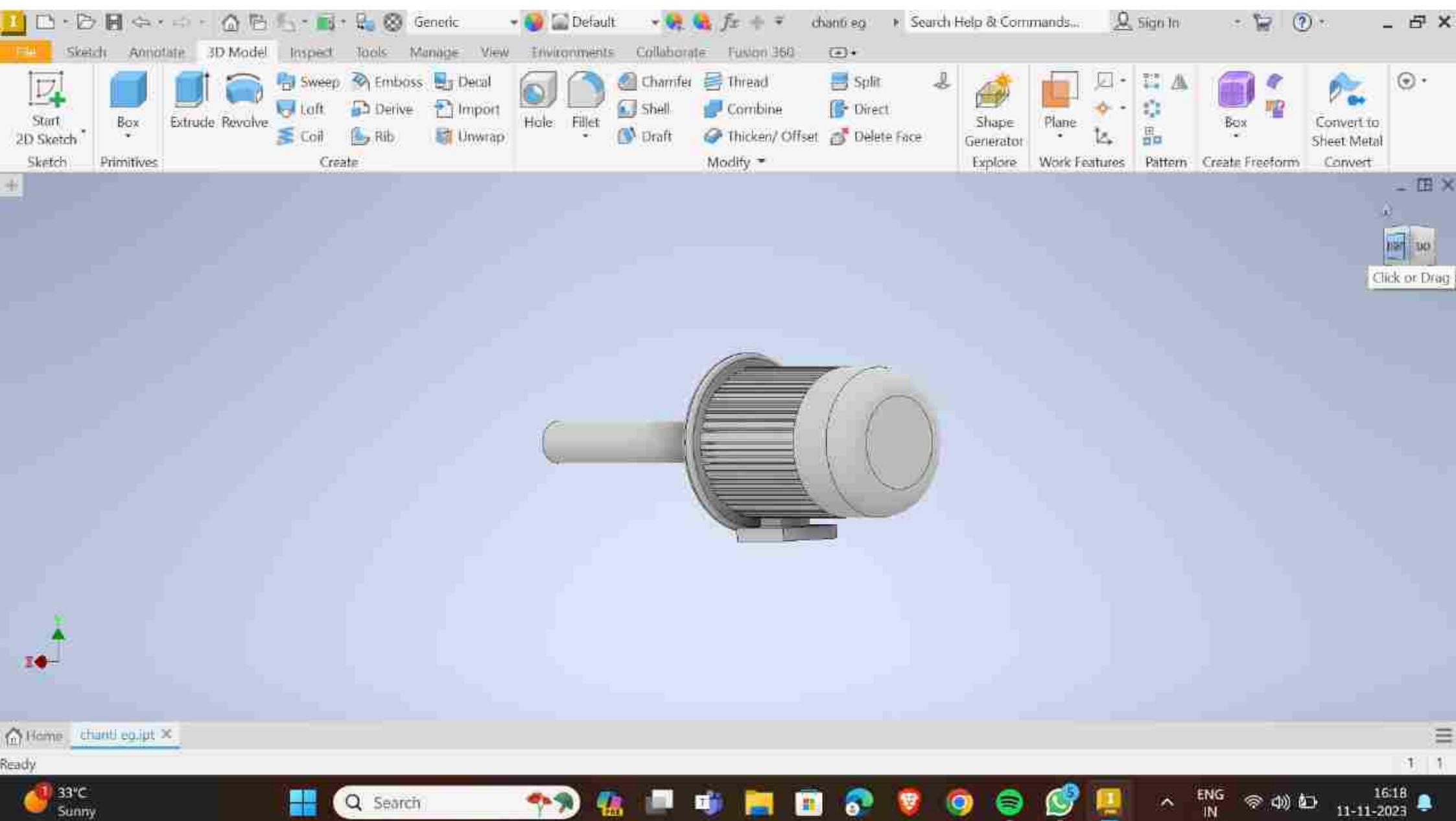
Search

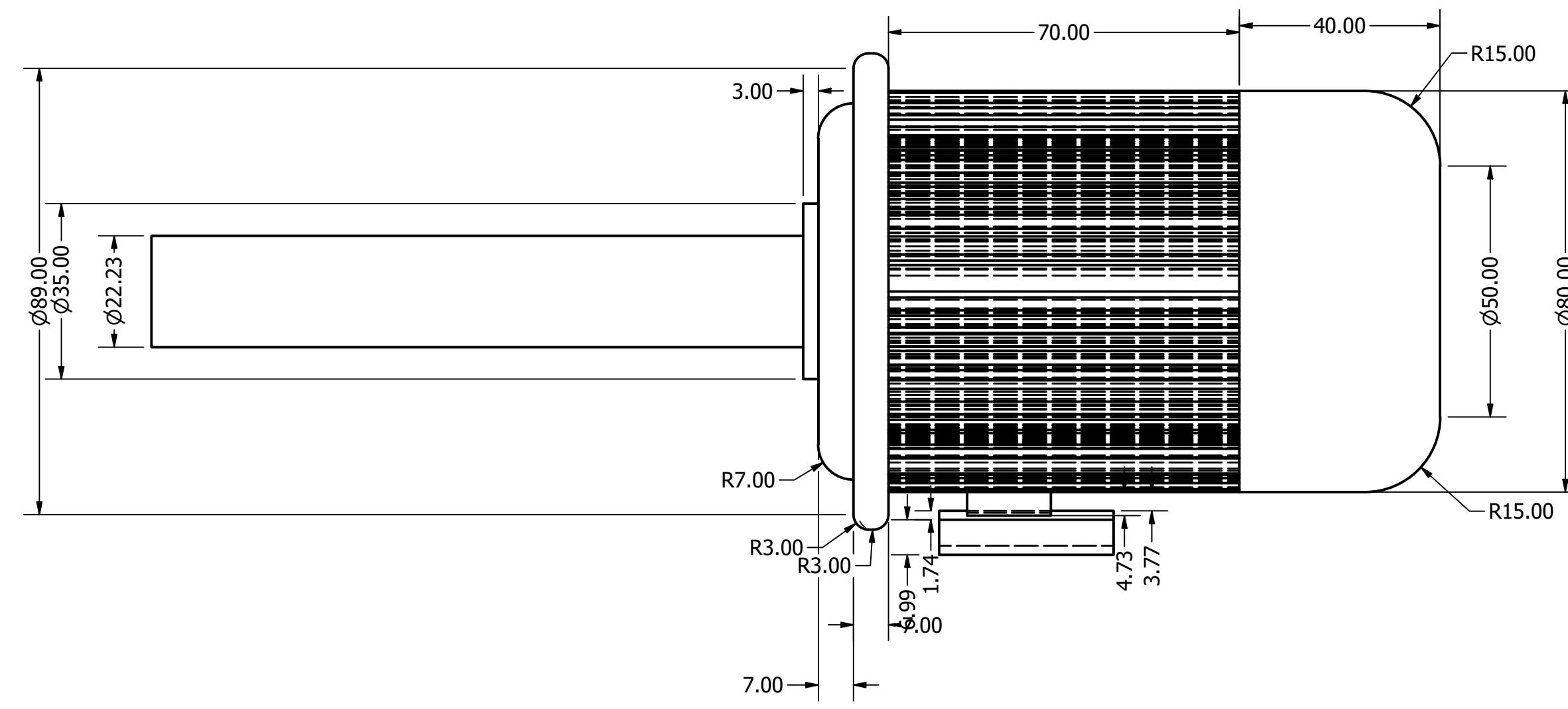


ENG
IN

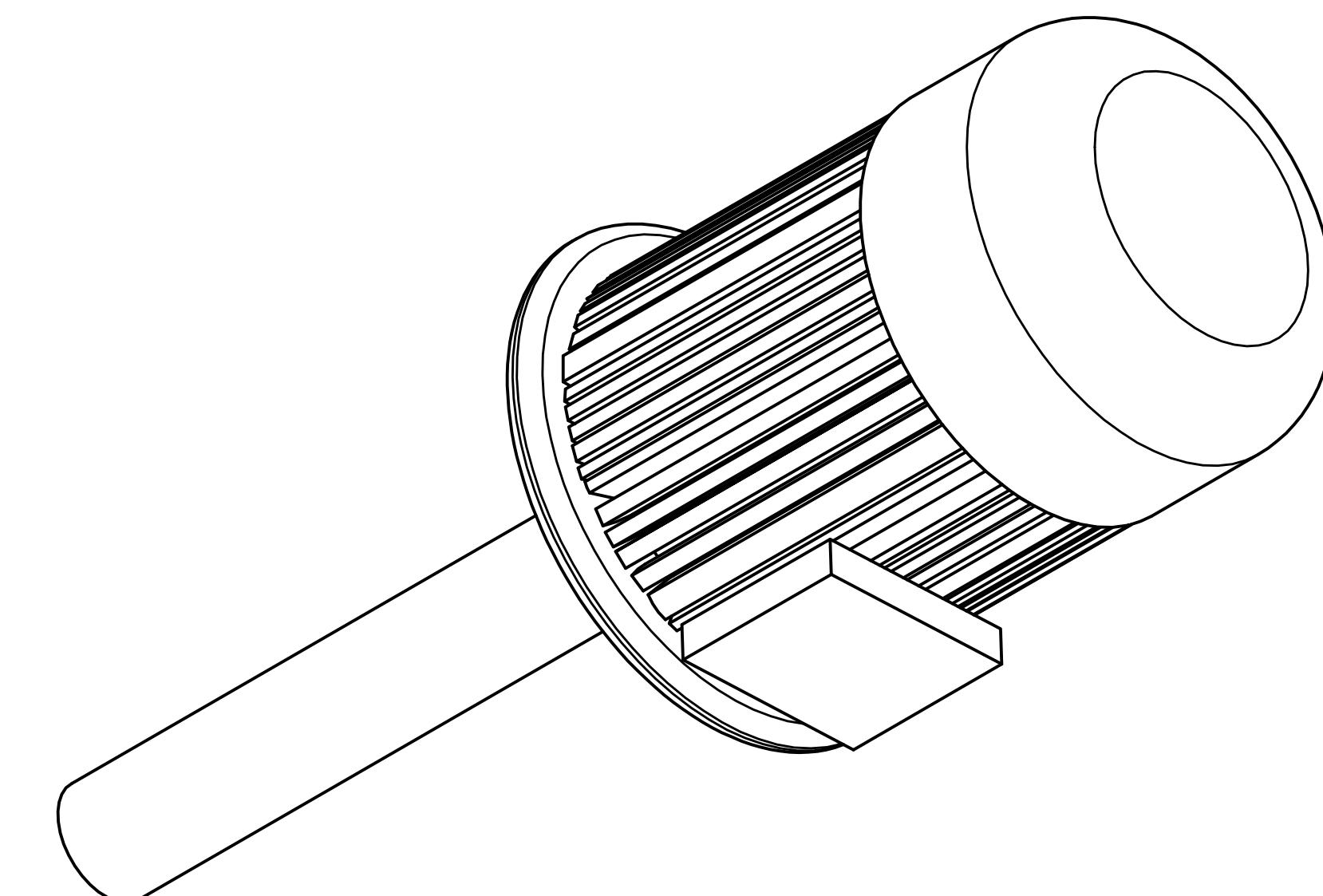
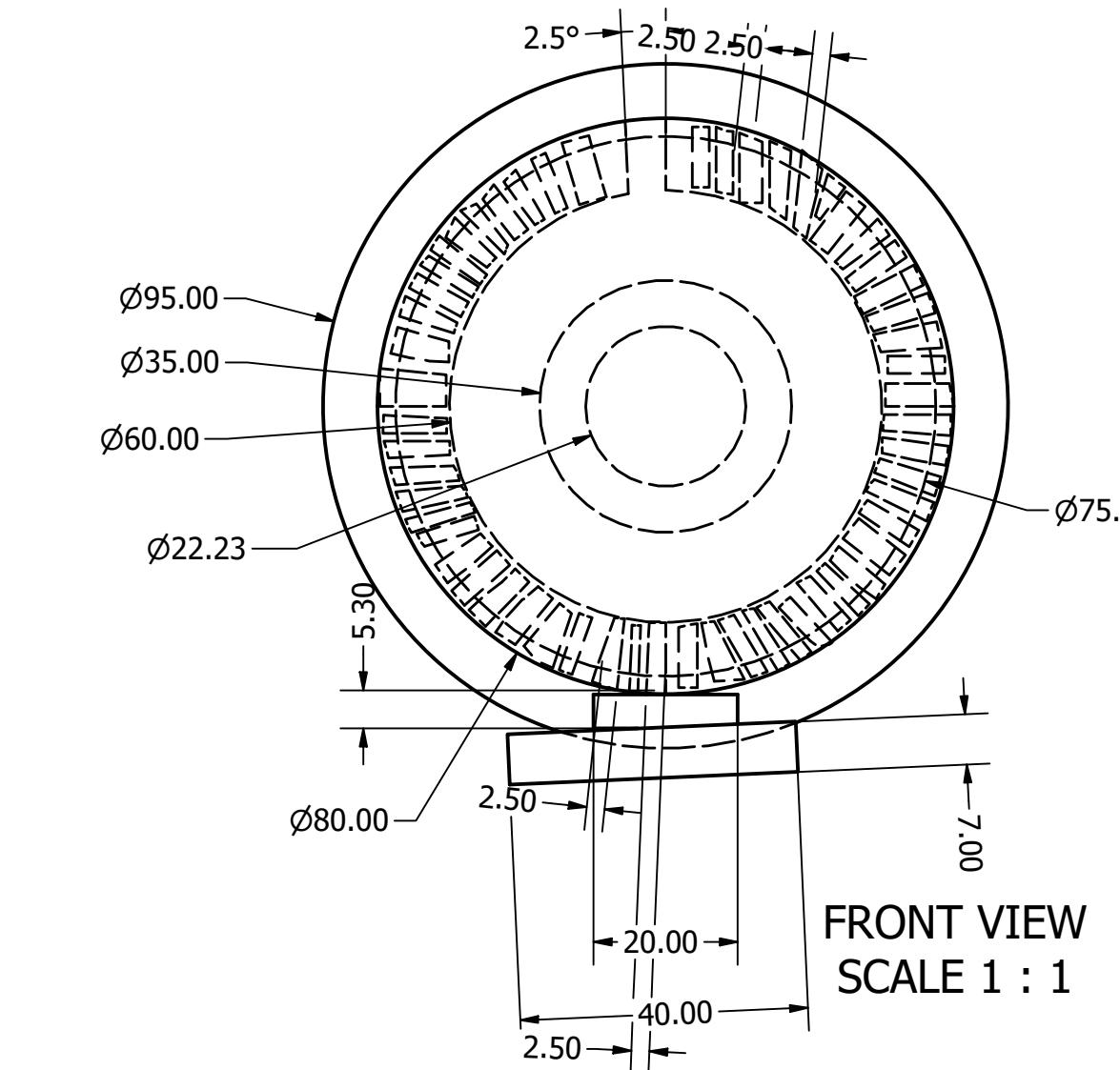
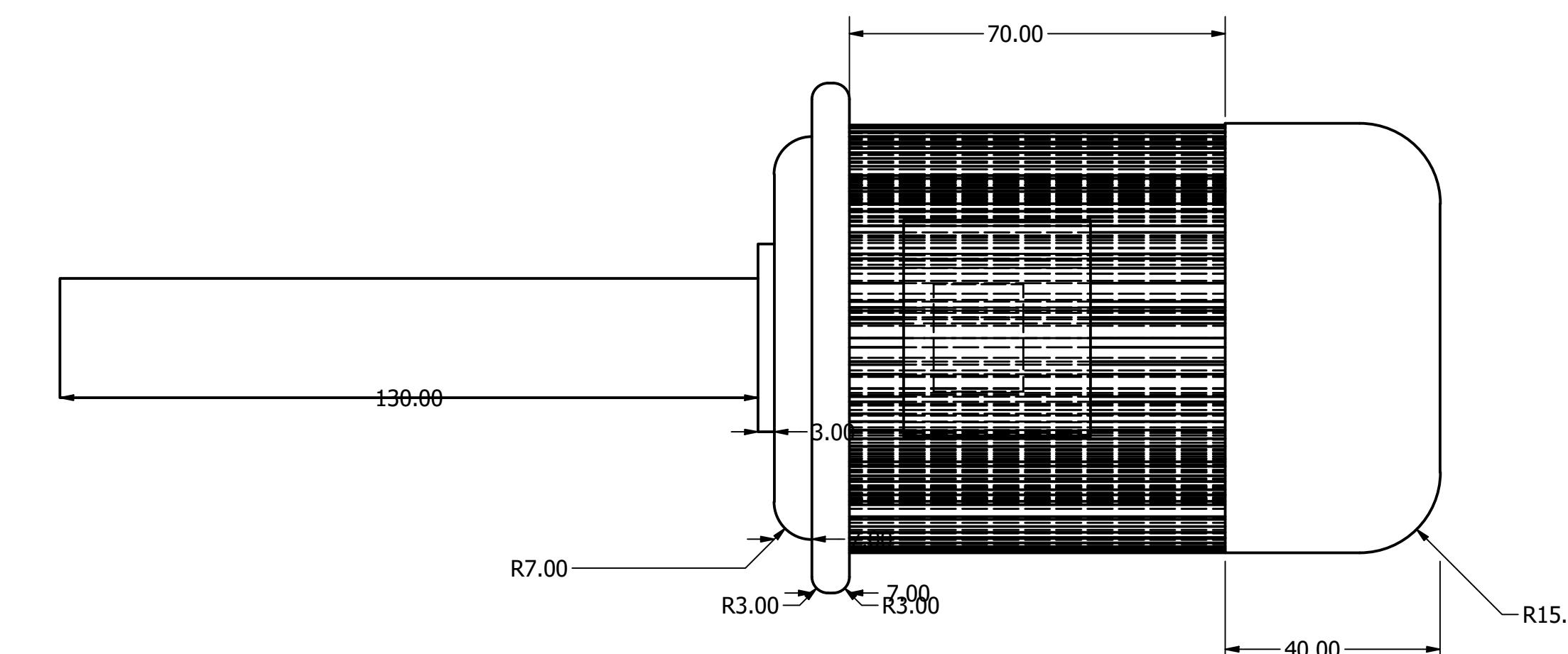


16:18
11-11-2023





right view
SCALE 1 : 1



MOTOR OF ELECTRIC WHEEL CHAIR

ES101: ENGINEERING GRAPHICS 2023-24, SEMESTER – I, IITGN ALL DIMENSIONS ARE IN mm	NAME: RAMAVATH CHANTI ROLLNO: 23110270
SCALE:1/1	GROUP NUMBER: 26

