

FRANCISCO CEREZO VALVERDE

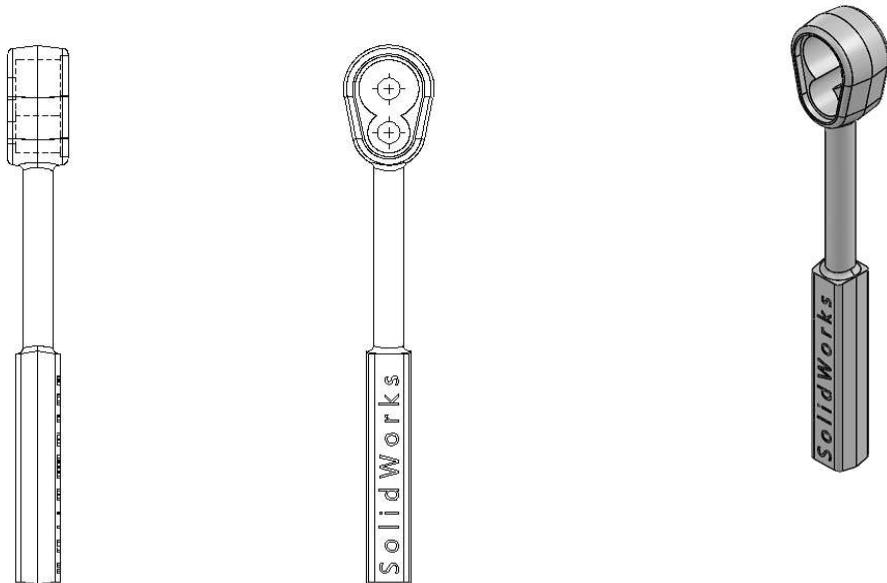
SOLIDWORKS PORTFOLIO

I am a 3D CAD designer with a strong focus on precision, functionality, and clean aesthetics. This portfolio showcases a selection of my design work, highlighting my skills in 3D modeling, technical detailing, and problem-solving across different projects and applications.

Index:

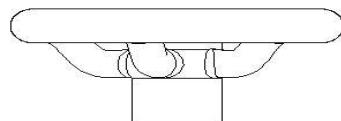
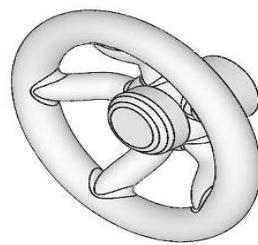
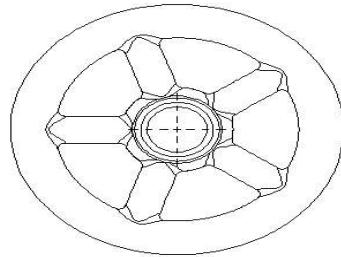
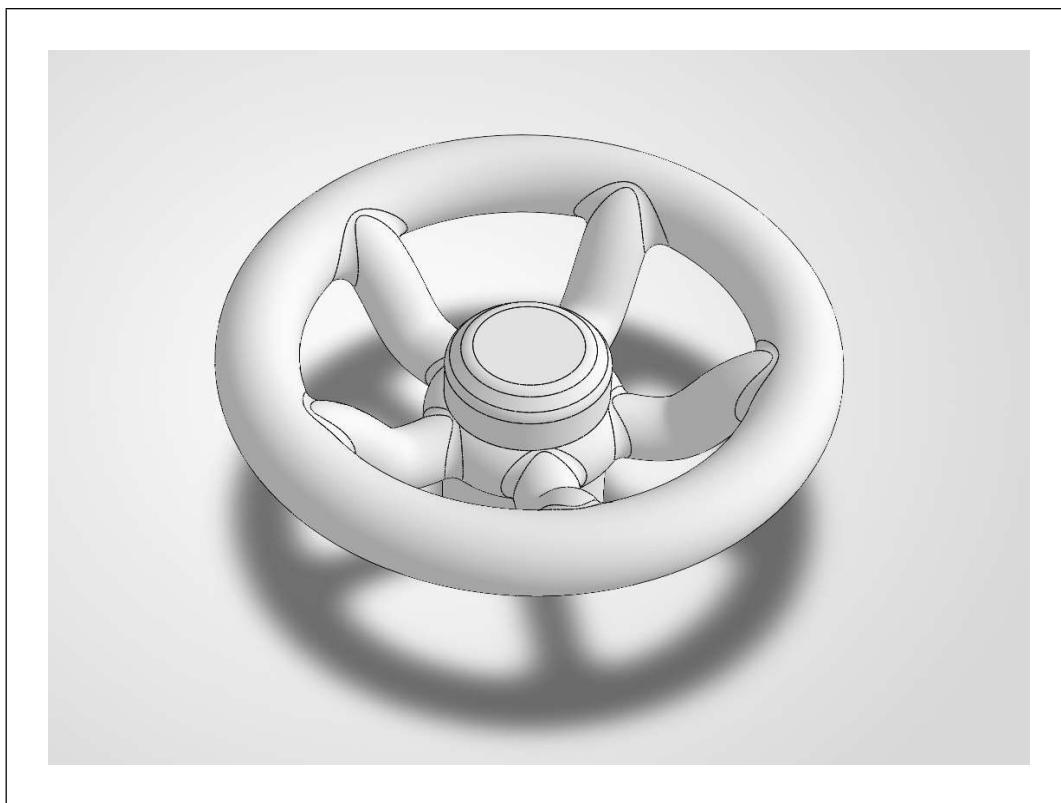
1. Ratchet
2. Hand wheel
3. Assembly from given parts
4. Bluetooth headgear assembly from given and modified parts
5. Part 5
6. Electronics component fan
7. Boat
8. Turbine filter
9. Metal sheet cover
10. Metal sheet Part
11. Assembly from designed parts
12. Wheel from 2D .dxf/.dwg to 3D model
13. Curved bottle with helix at top
14. Icebox chiller
15. Sheet metal PC tower cover
16. Sheet metal Oven Exhaust hood
17. Sheet metal cylinder

RATCHET



		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	
		DIMENSIONS ARE IN INCHES	DRAWN			
		TOLERANCES:	CHECKED			
		FRACTIONAL: MACH. ± ANGULAR: MACH. ± BEND: ± TWO PLACE DECIMAL: ±	ENG APPR.			TITLE:

HANDWHEEL

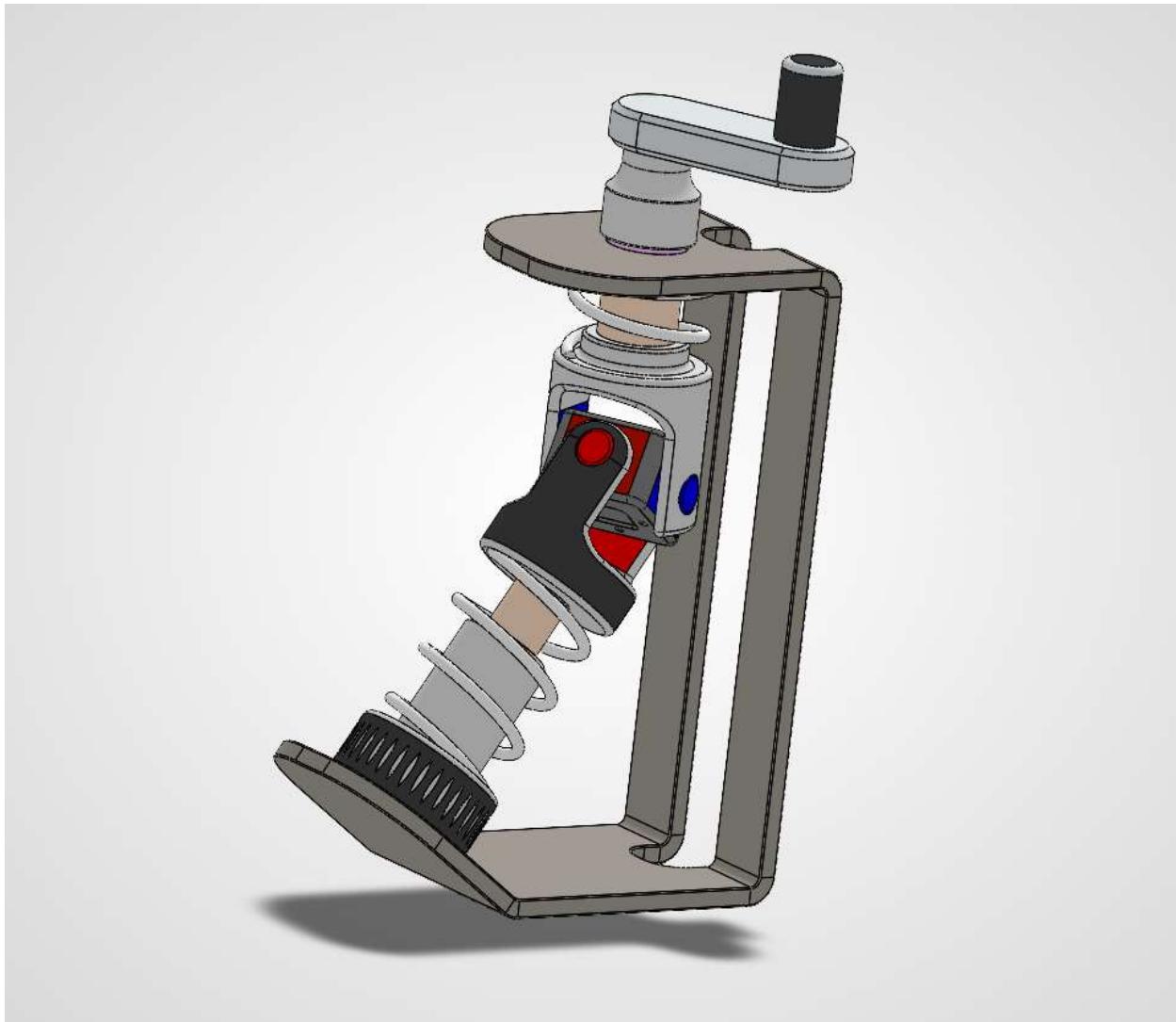


		UNLESS OTHERWISE SPECIFIED:		DRAWN C HEC KED ENG APPR. INFO APPR. Q.A.	NAME _____ DATE _____ TITLE: _____		
		DIMENSIONS ARE IN INCHES TOLERANCES: PROJECTIONAL: $\pm .005$ ANGULAR: $\pm 1^\circ$ MACH 2 BEND: 3 TWO PLACE DECIMAL: 3 THREE PLACE DECIMAL: 3					
NEXT ASSY	USED ON	FINISH					
		APPLICATION		DO NOT SCALE DRAWING			

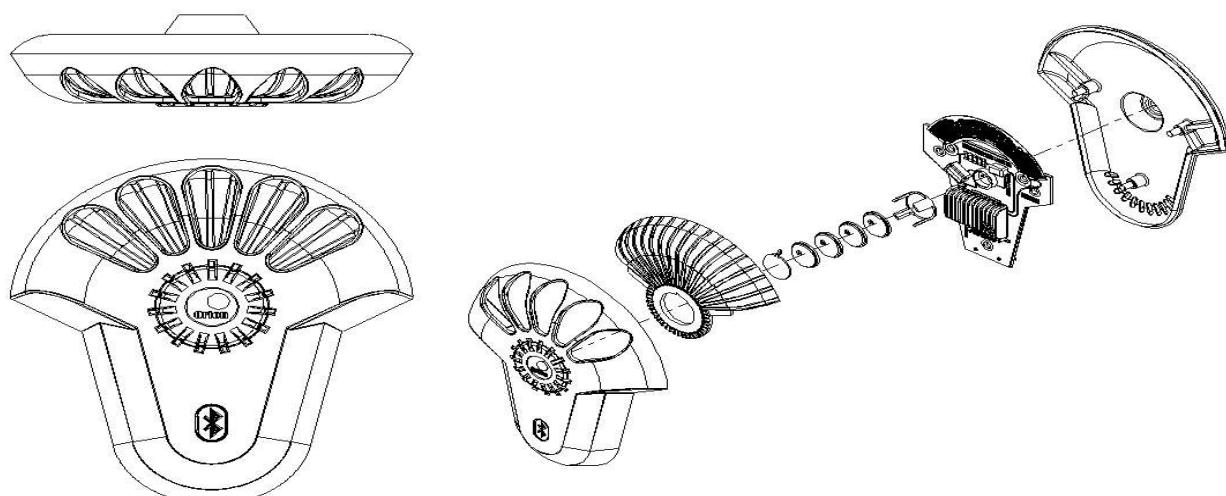
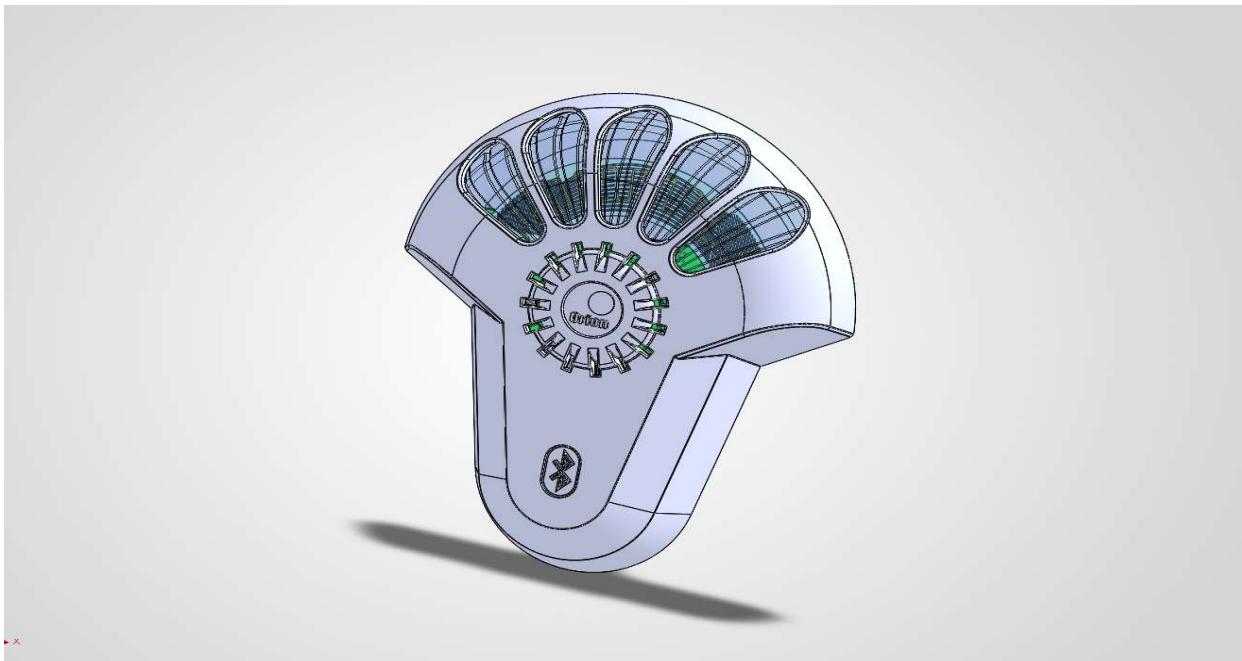
PROPRIETARY AND CONFIDENTIAL
 THE INFORMATION CONTAINED IN THIS
 DRAWING IS THE PROPERTY OF [REDACTED]
 INSERT COMPANY NAME HERE. ANY
 REPRODUCTION IN PART OR AS A WHOLE
 WITHOUT THE WRITTEN PERMISSION OF
 COMPANY NAME HERE IS PROHIBITED.

SIZE DWG. NO. REV
A handwheel
 SCALE: 1:5 WEIGHT: SHEET 1 OF 1

ASSEMBLY FROM GIVEN PARTS



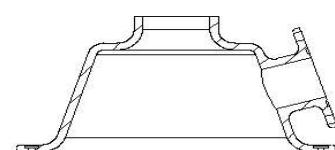
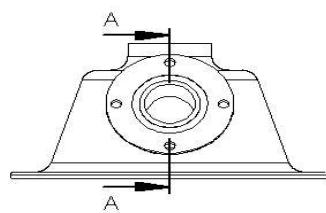
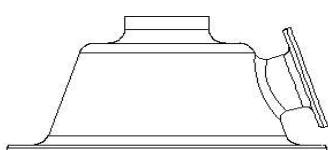
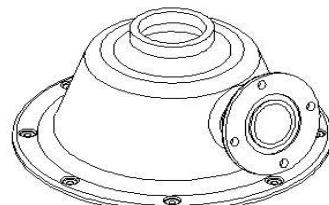
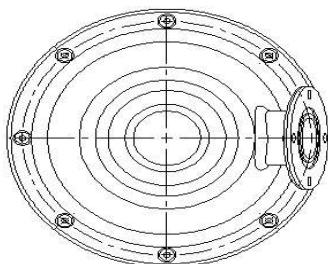
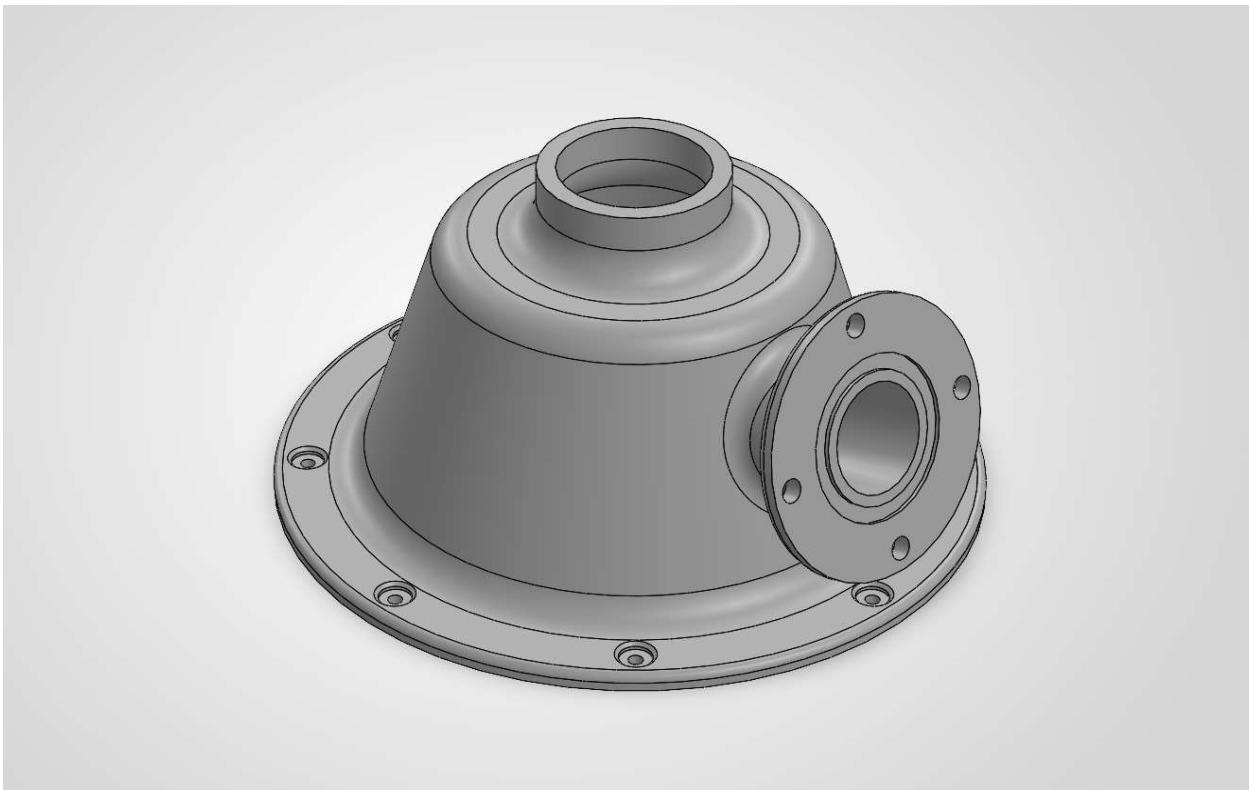
BLUETOOTH HEADGEAR ASSEMBLY FROM GIVEN AND MODIFIED PARTS



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[REDACTED] COMPANY NAME HEREIN IS
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		UNLESS OTHERWISE SPECIFIED:		DRAWN C H E C K E D E N G APPR. MFG APPR. Q.A. COMMENTS:	NAME _____ DATE _____ TITLE: _____
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: MACH 3, REND: 3 ANGULAR: MACH 3, REND: 3 TWO PLACE DECIMAL: 3 THREE PLACE DECIMAL: 3 INTERPRET GEOMETRIC TOLERANCING PER: MATERIAL			
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			
SIZE	DWG. NO.				REV
A	Assem2				
SCALE: 1:5	WEIGHT:				SHEET 1 OF 1

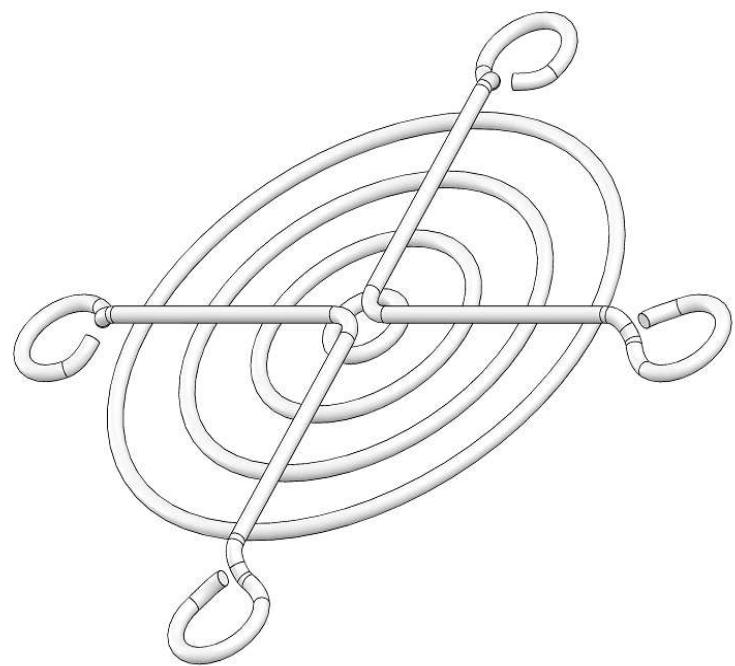
PART 5



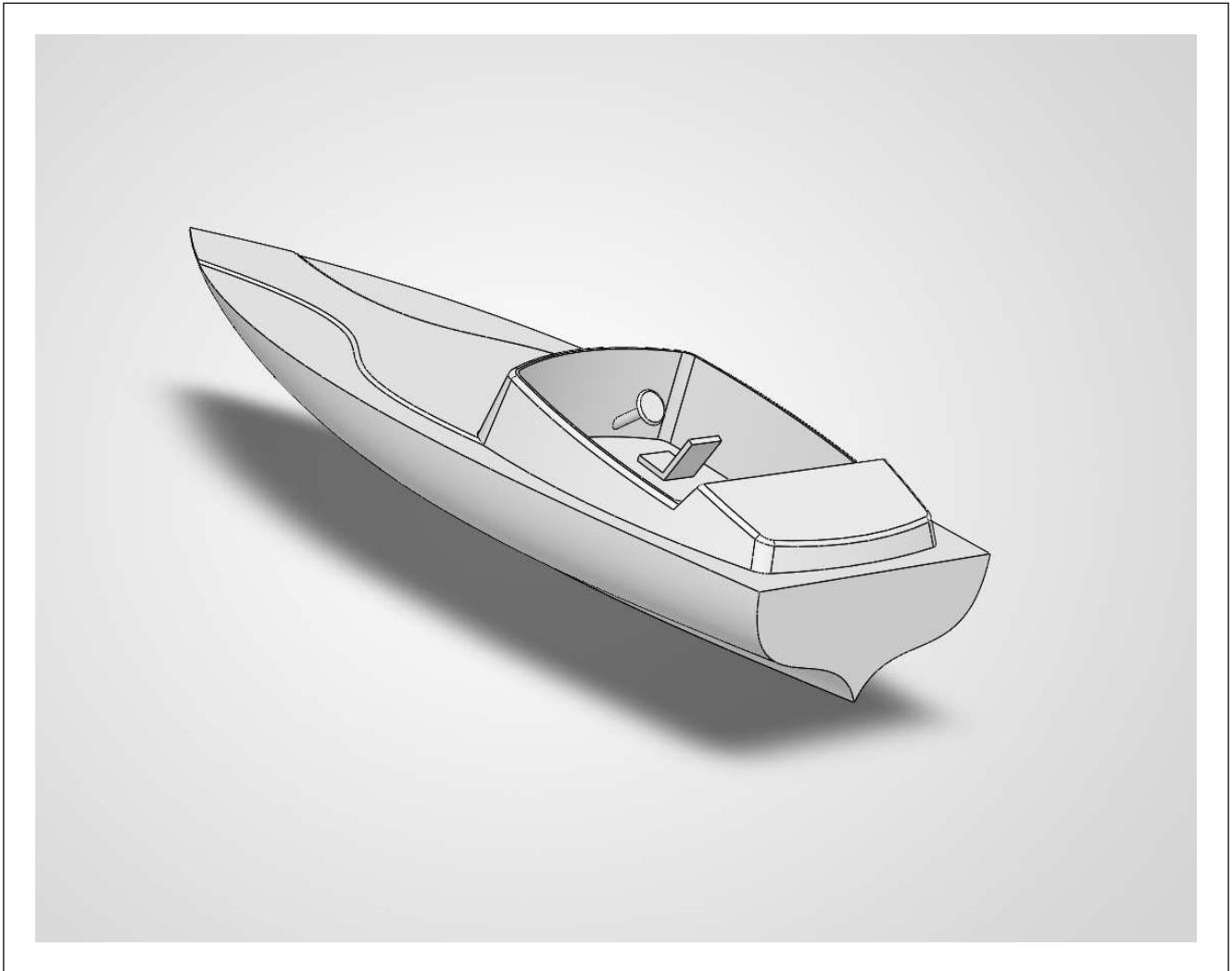
SECTION A-A

		UNLESS OTHERWISE SPECIFIED:	DRAWN	NAME	DATE	TITLE:
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL \pm ANGULAR: MACH \pm BEND \pm TWO PLACE DECIMAL \pm THREE PLACE DECIMAL \pm	CHECKED			
		INTERPRET GEOMETRIC TOLERANCING PER:	ENG APPR.	MFG APPR.	G.A.	COMMENTS:

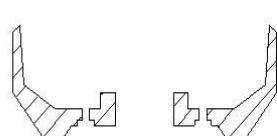
ELECTRONICS COMPONENT FAN



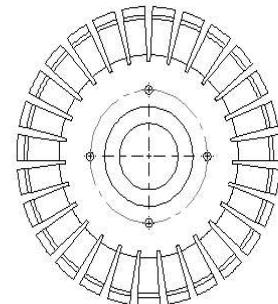
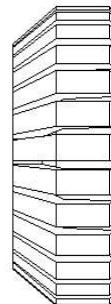
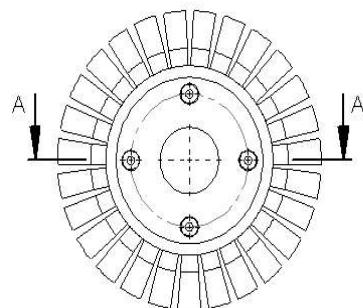
BOAT



TURBINE FILTER

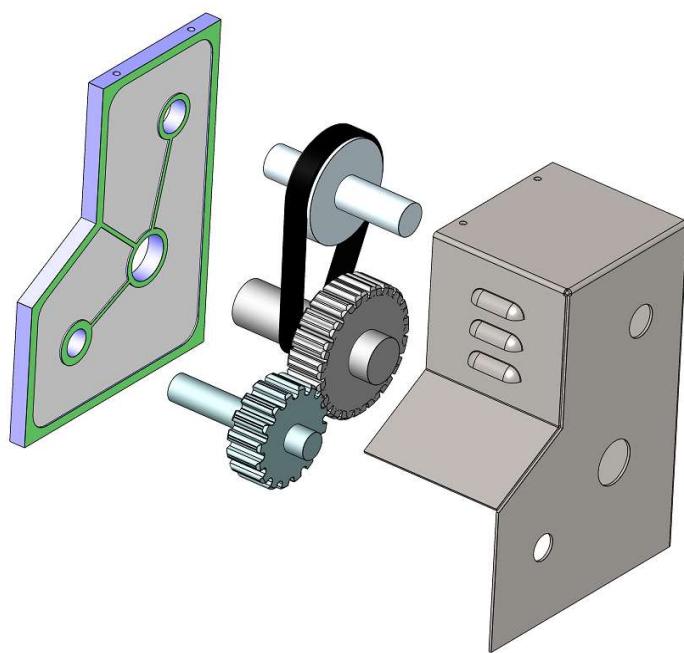
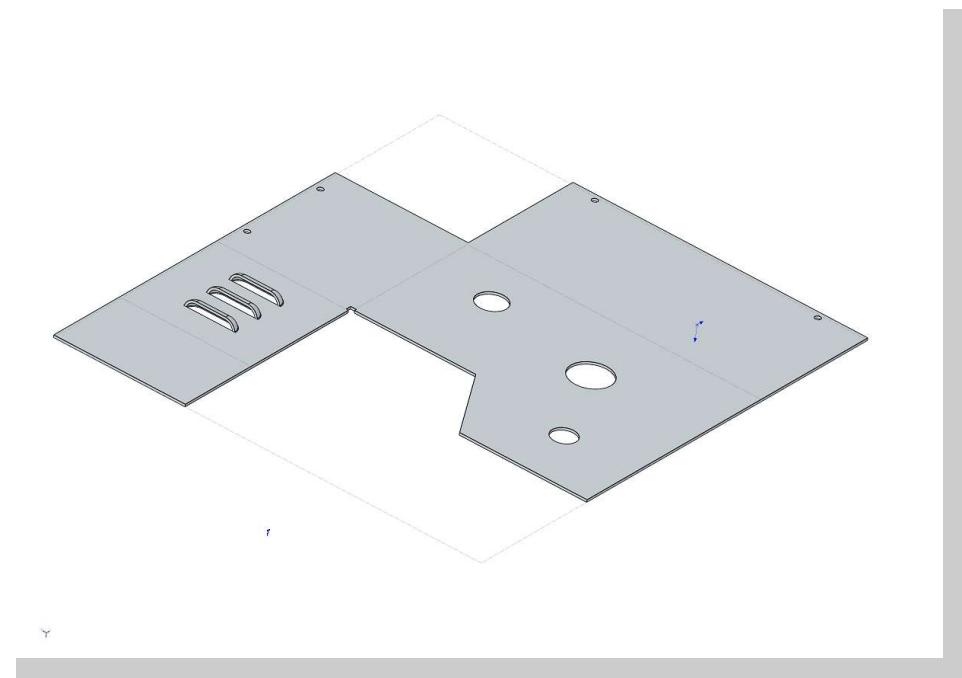


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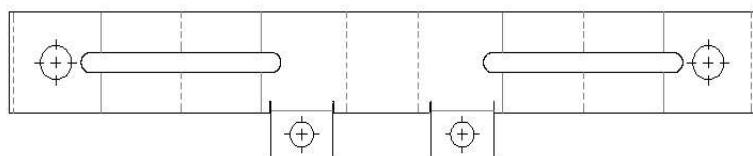
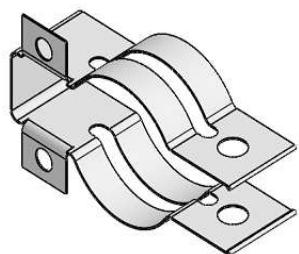
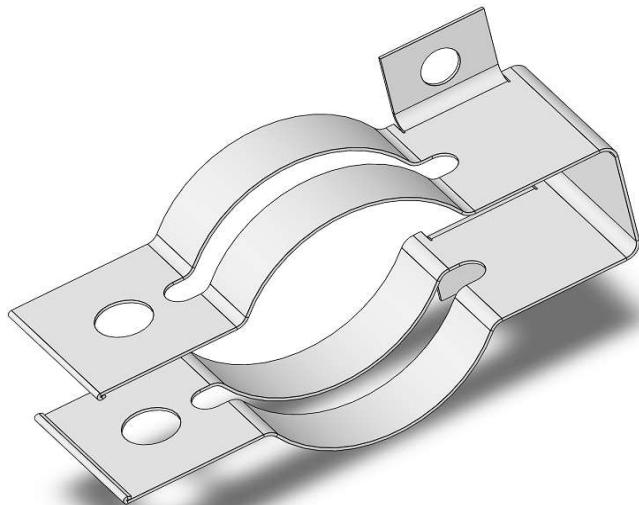


		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE:
DIMENSIONS ARE IN INCHES		DRAWN				
TOLERANCES:		CHECKED				
FRACTIONAL ±						
ANGULAR: MACH ± BEND ±						
TWO PLACE DECIMAL .1						

METAL SHEET COVER

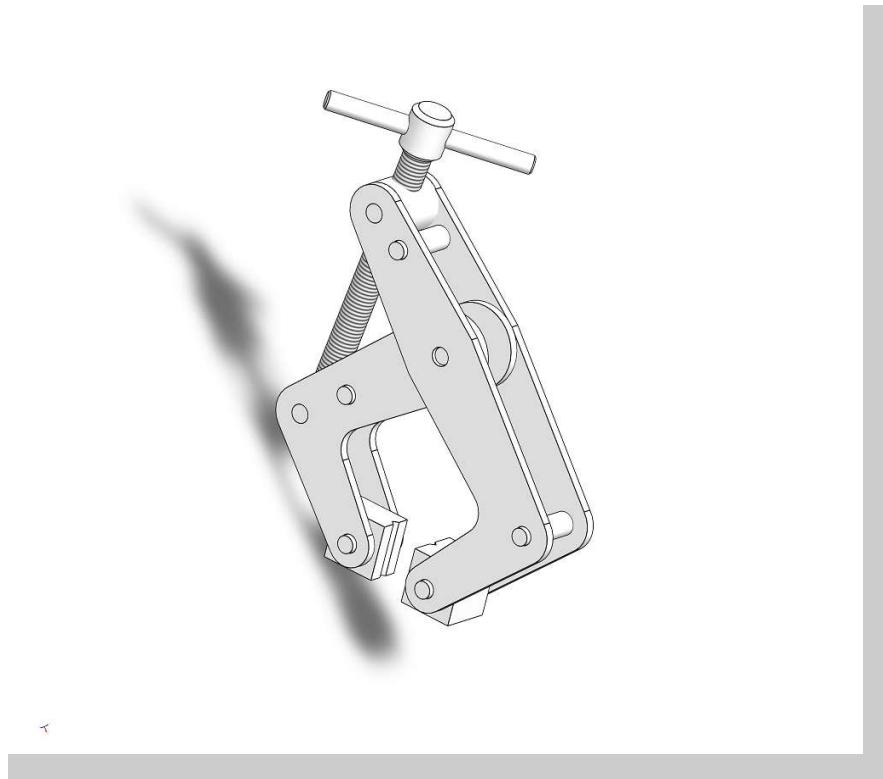


METAL SHEET PART

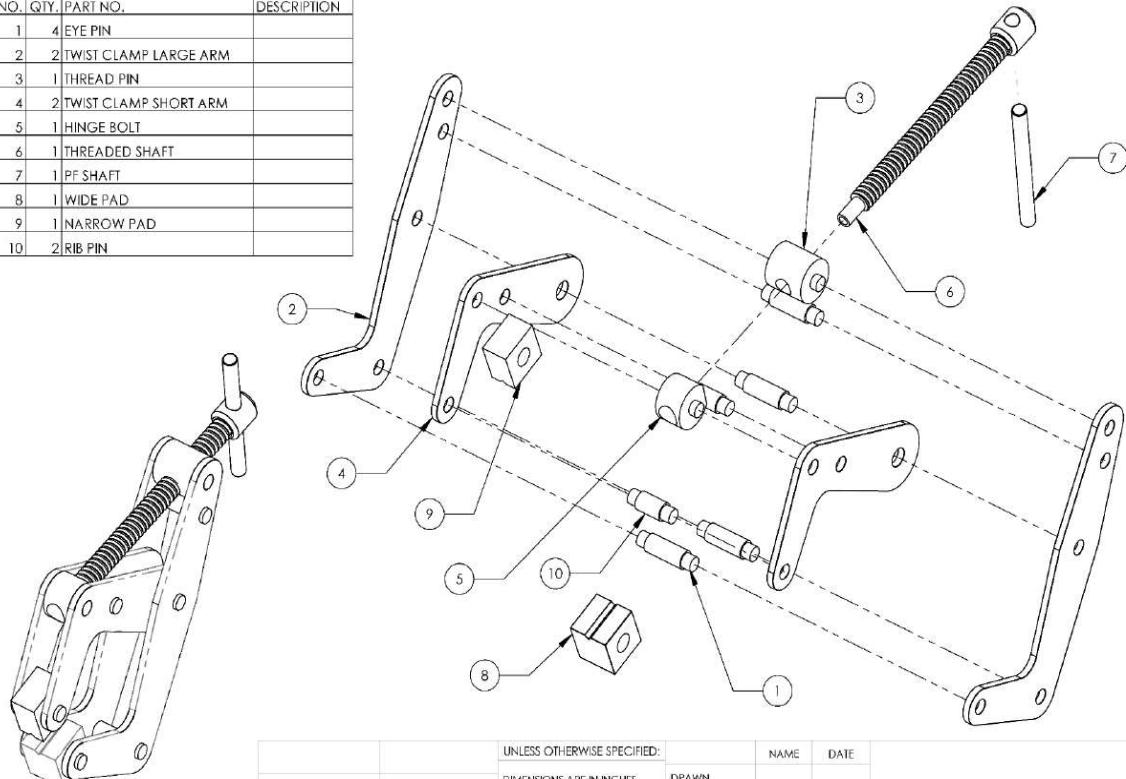


		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE:
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH 2 BEND 1 TWO PLACE DECIMAL 1	DRAWN			
			CHEC KED			
			ENG APPR.			

ASSEMBLY FROM DESIGNED PARTS

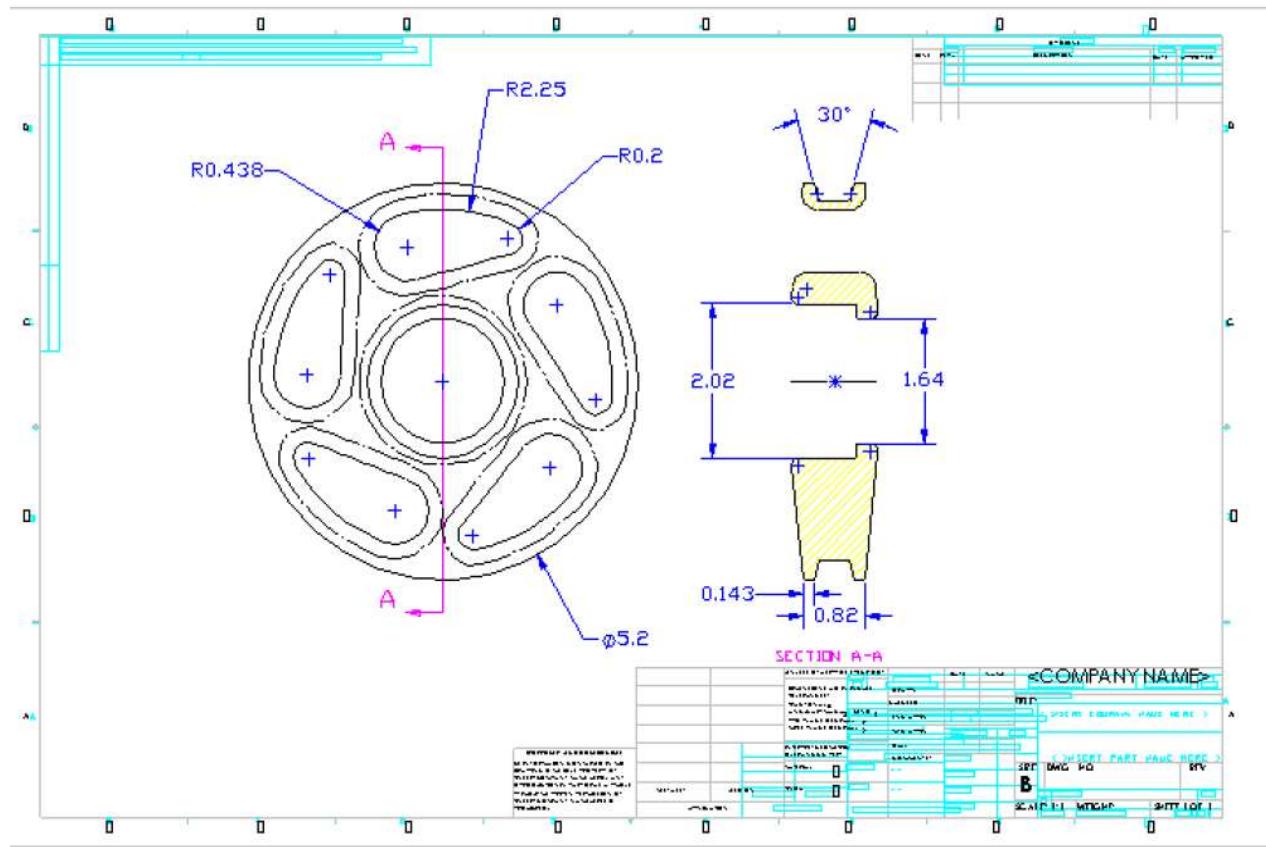
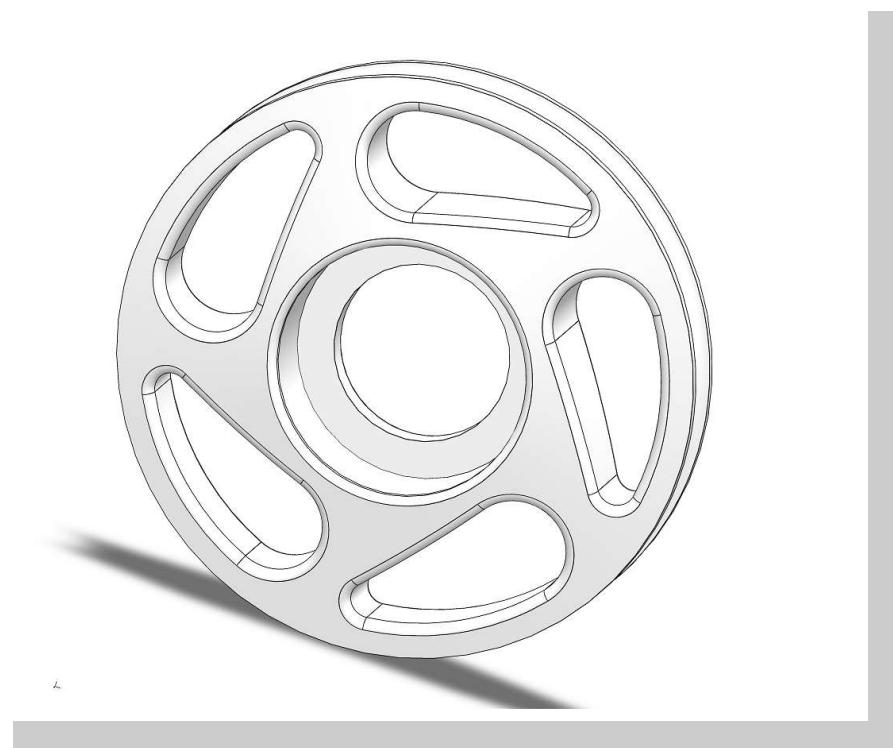


ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	4	EYE PIN	
2	2	TWIST CLAMP LARGE ARM	
3	1	THREAD PIN	
4	2	TWIST CLAMP SHORT ARM	
5	1	HINGE BOLT	
6	1	THREADED SHAFT	
7	1	PF SHAFT	
8	1	WIDE PAD	
9	1	NARROW PAD	
10	2	RIB PIN	

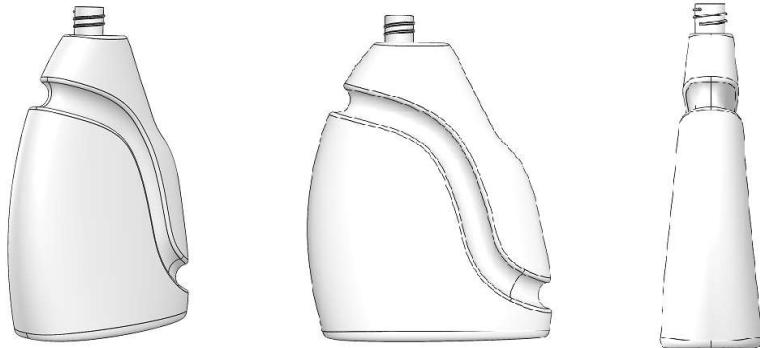


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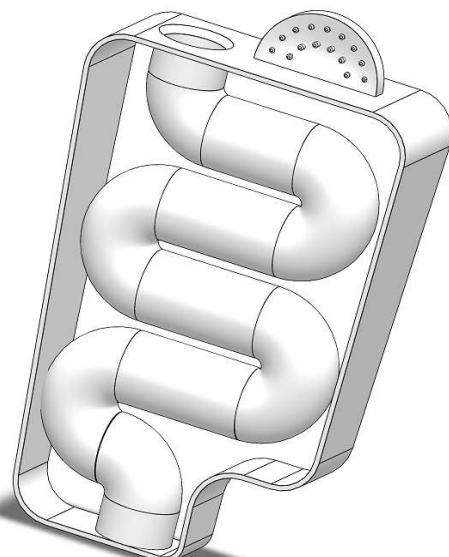
WHEEL FROM 2D DXF/DWG TO 3D MODEL



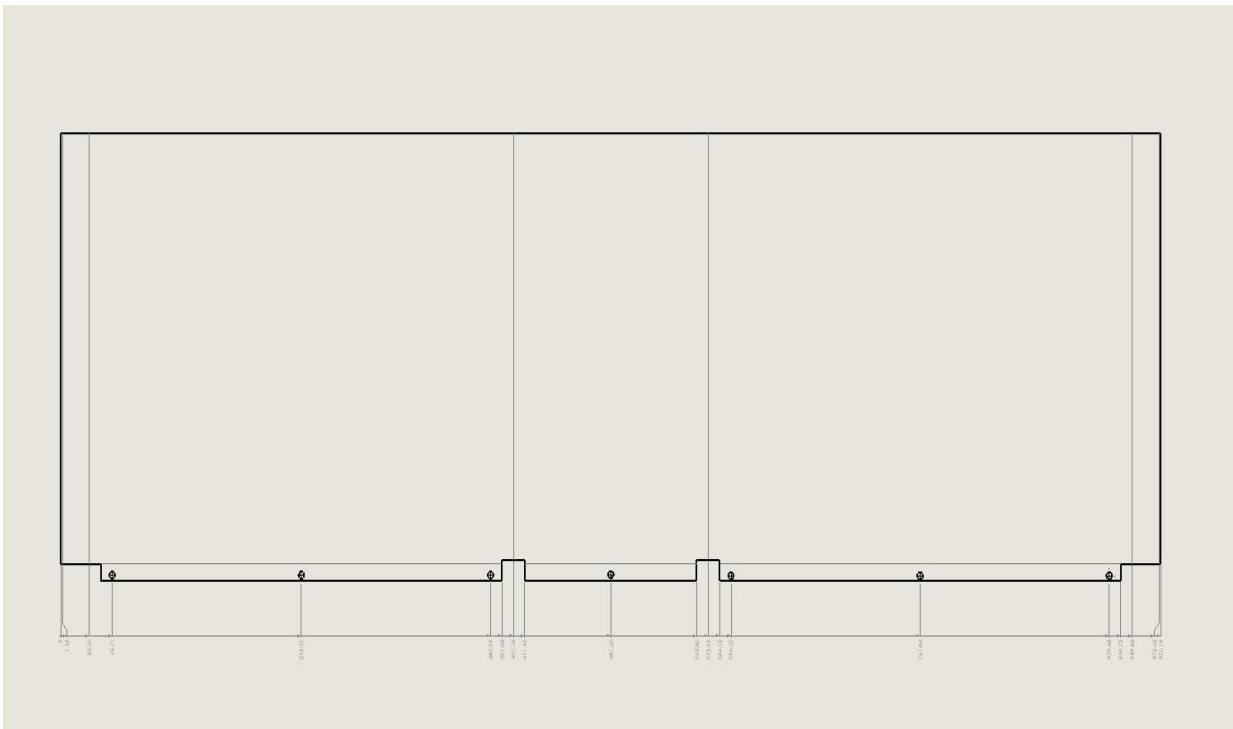
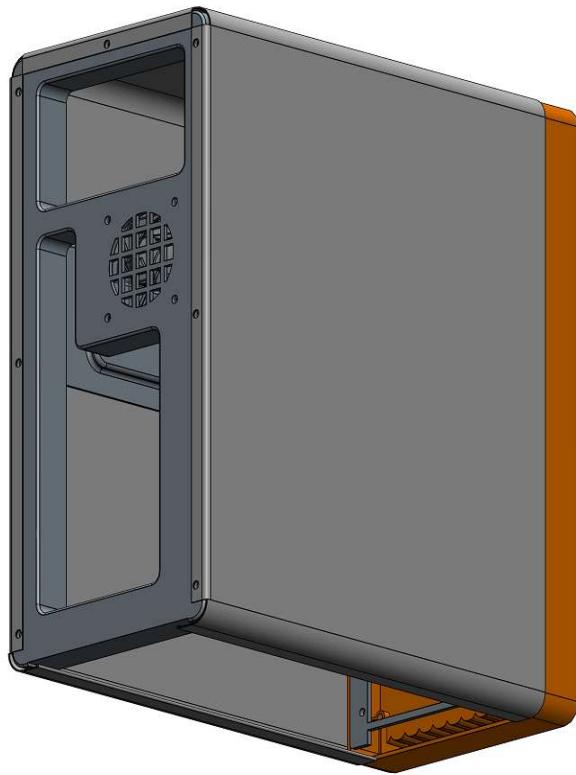
CURVED SURFACES BOTTLE WITH HELIX AT TOP



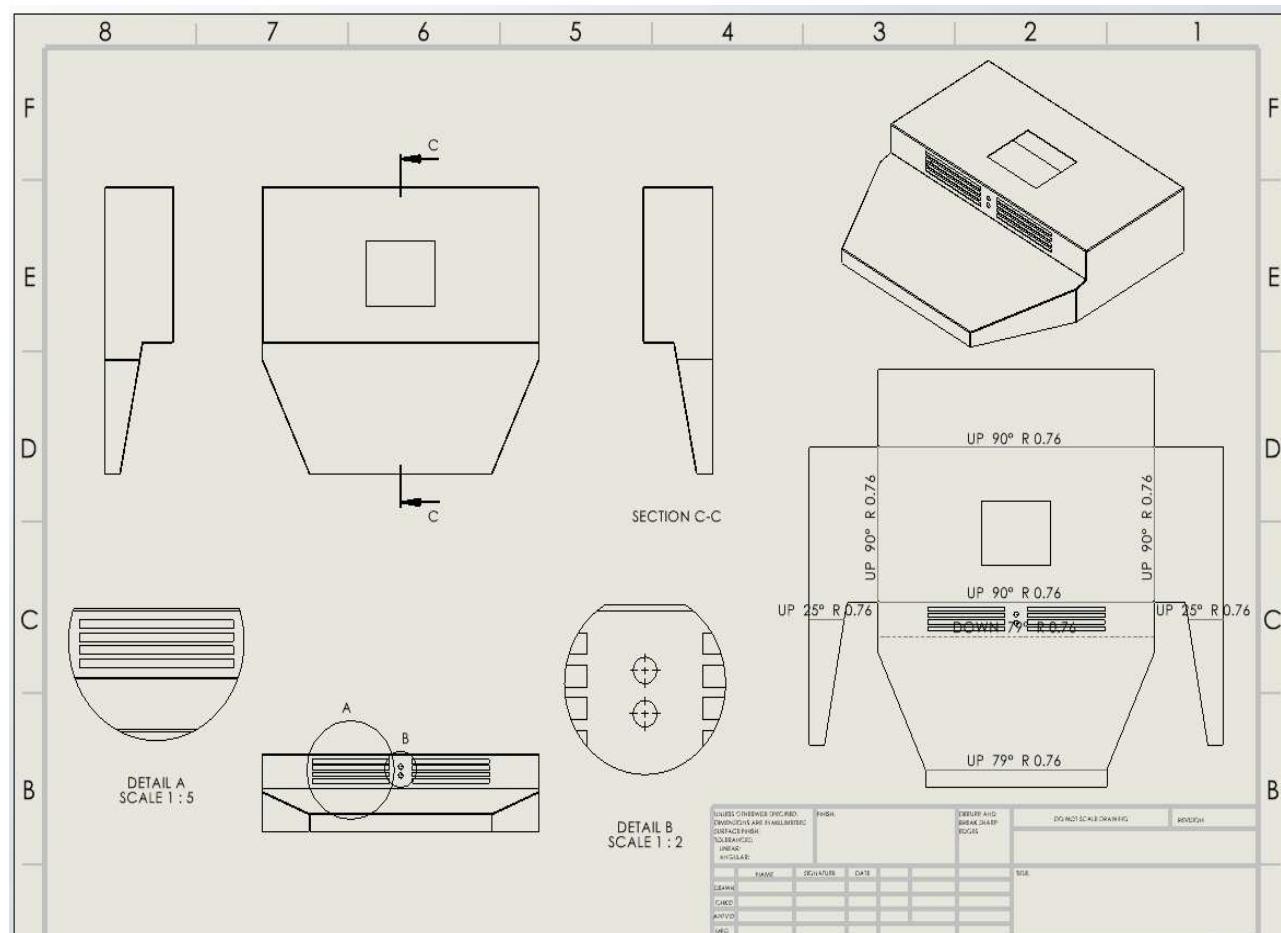
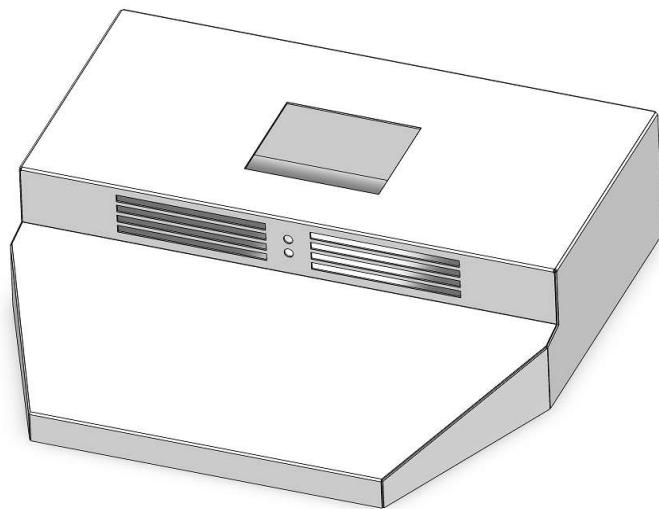
ICEBOX CHILLER



SHEET METAL PC TOWER COVER



SHEET METAL OVEN EXHAUST HOOD



SHEET METAL CYLINDER

