

# FRANCISCO CEREZO VALVERDE

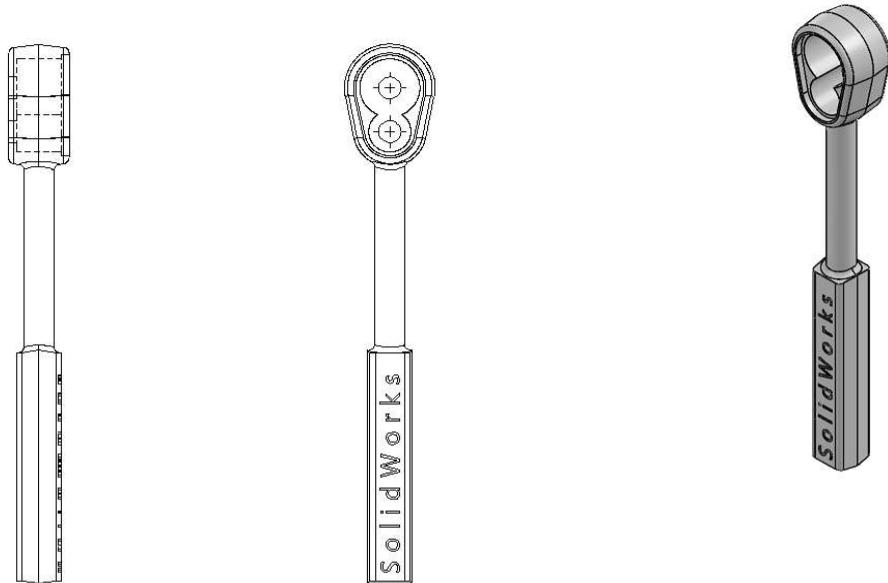
## SOLIDWORKS PORTFOLIO

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.

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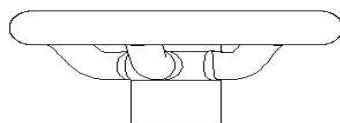
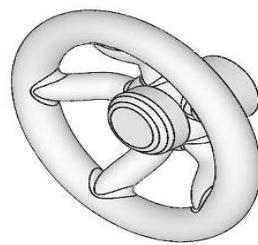
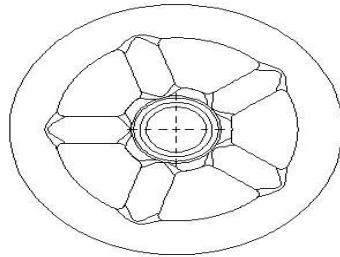
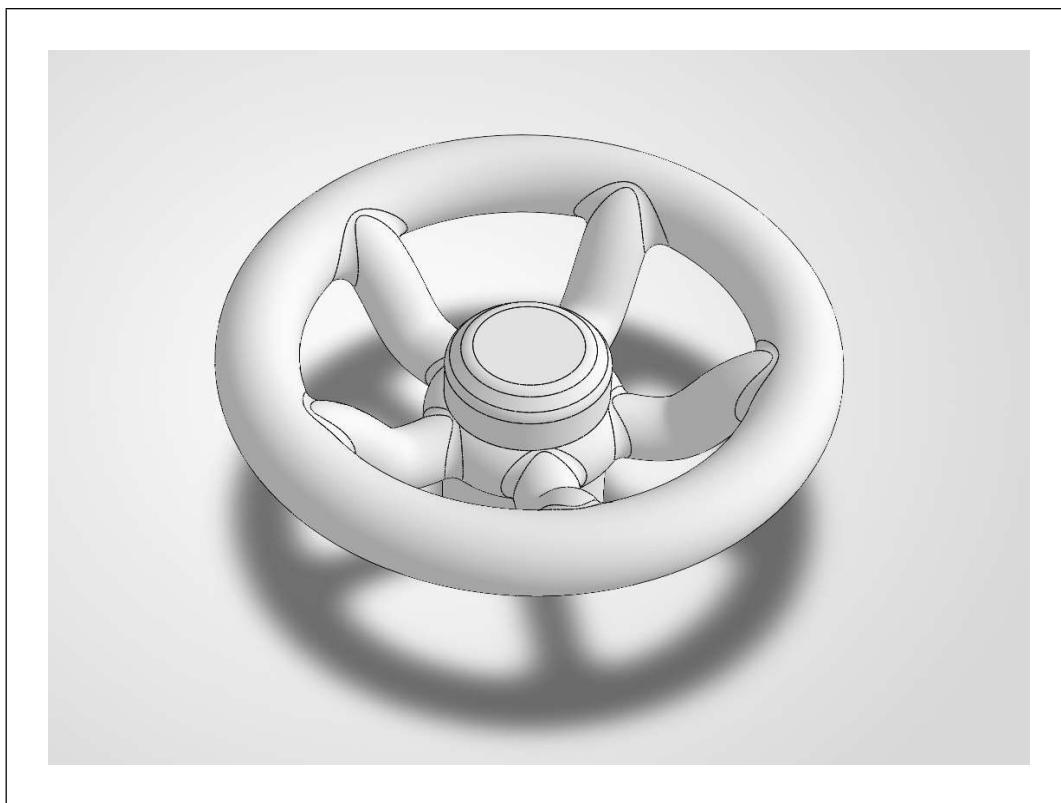
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17. Sheet metal cylinder
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# RATCHET



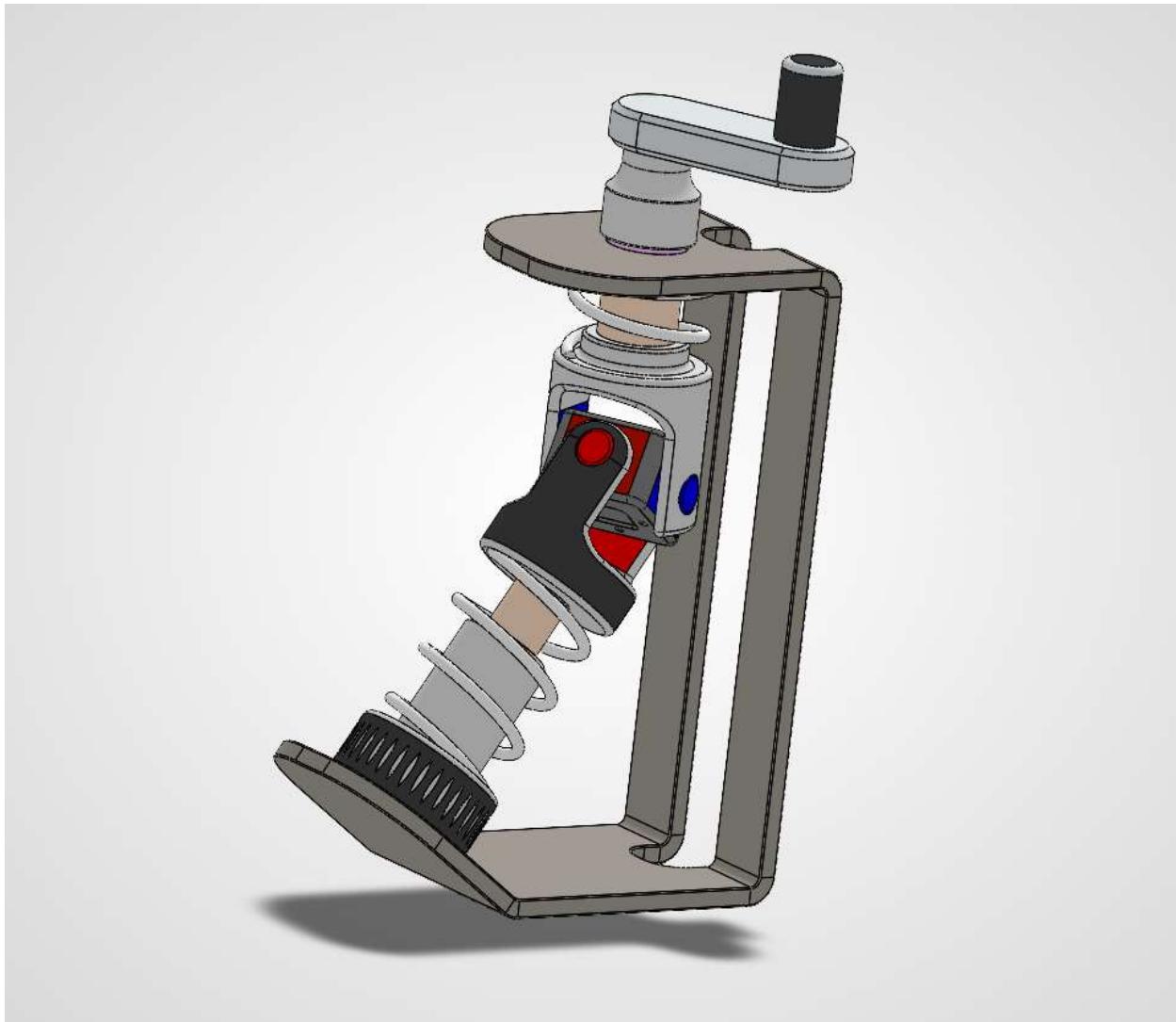
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		TOLERANCES:			
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		ANGULAR: MACH. ± BEND ±			
		TWO PLACE DECIMAL: .1	ENG APPR.		

# HANDWHEEL

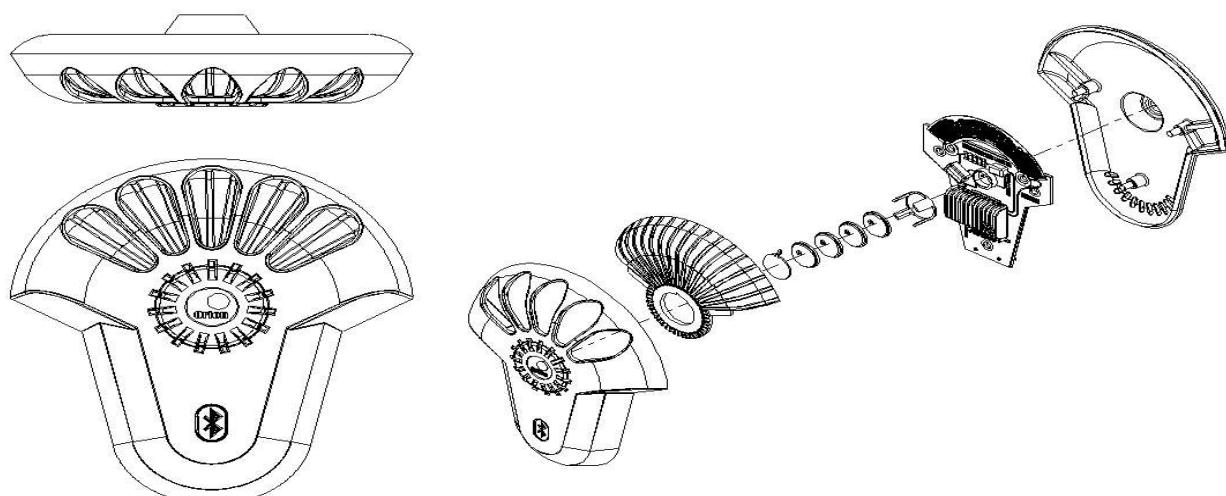
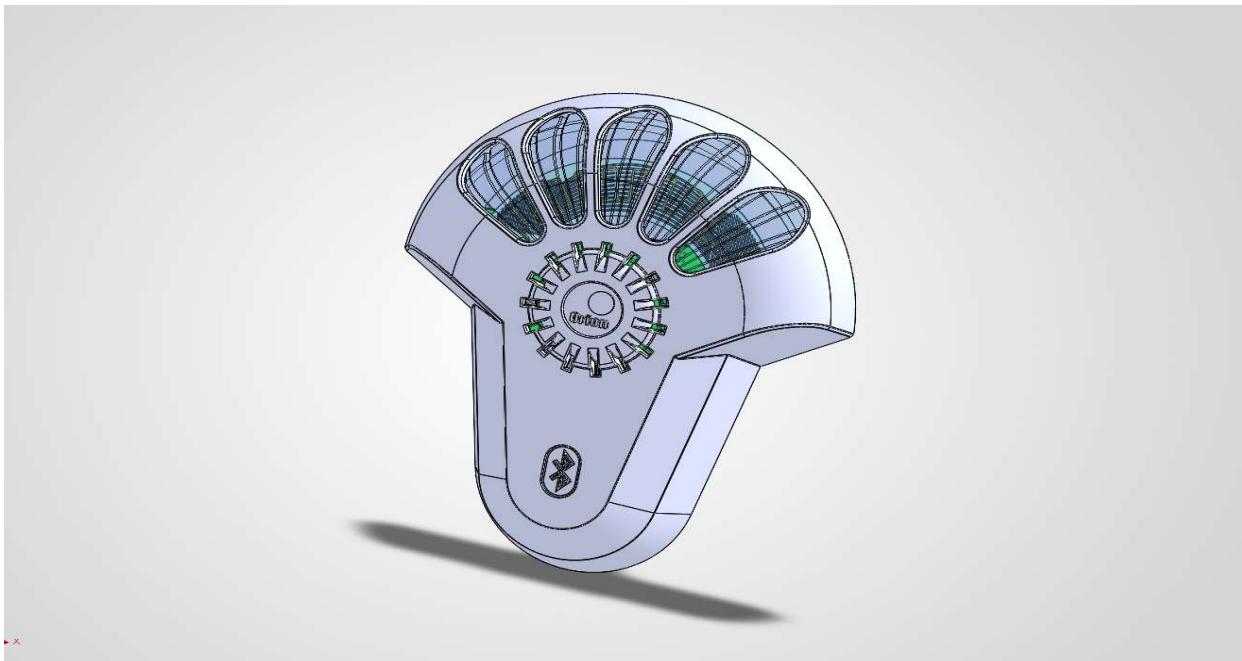


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		DIMENSIONS ARE IN INCHES TOLERANCING PER: PRACTICAL: ± ANGULAR: MACH 3 BEND: 3 TWO PLACE DECIMAL 3 THREE PLACE DECIMAL 3			
NEXT ASSY	USED ON	INTERPRET GEOMETRIC TOLERANCING PER: MATERIAL		COMMENTS: _____	SIZE DWG. NO. _____ REV. _____
		FINISH	APPLICATION		SCALE: 1:5 WEIGHT: _____ SHEET 1 OF 1
<small>PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE PROPERTY OF [REDACTED] [REDACTED] COMPANY NAME HEREIN. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF [REDACTED] COMPANY NAME HEREIN IS PROHIBITED.</small>		DO NOT SCALE DRAWING			1

ASSEMBLY FROM GIVEN PARTS



# BLUETOOTH HEADGEAR ASSEMBLY FROM GIVEN AND MODIFIED PARTS

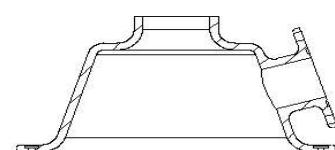
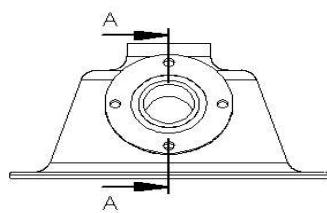
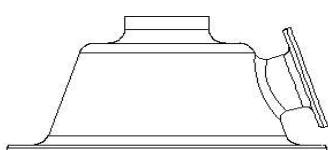
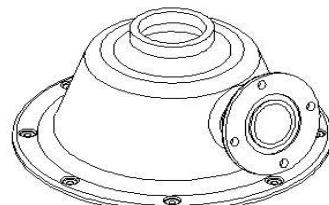
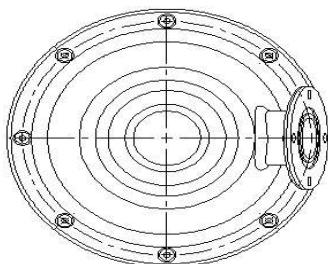
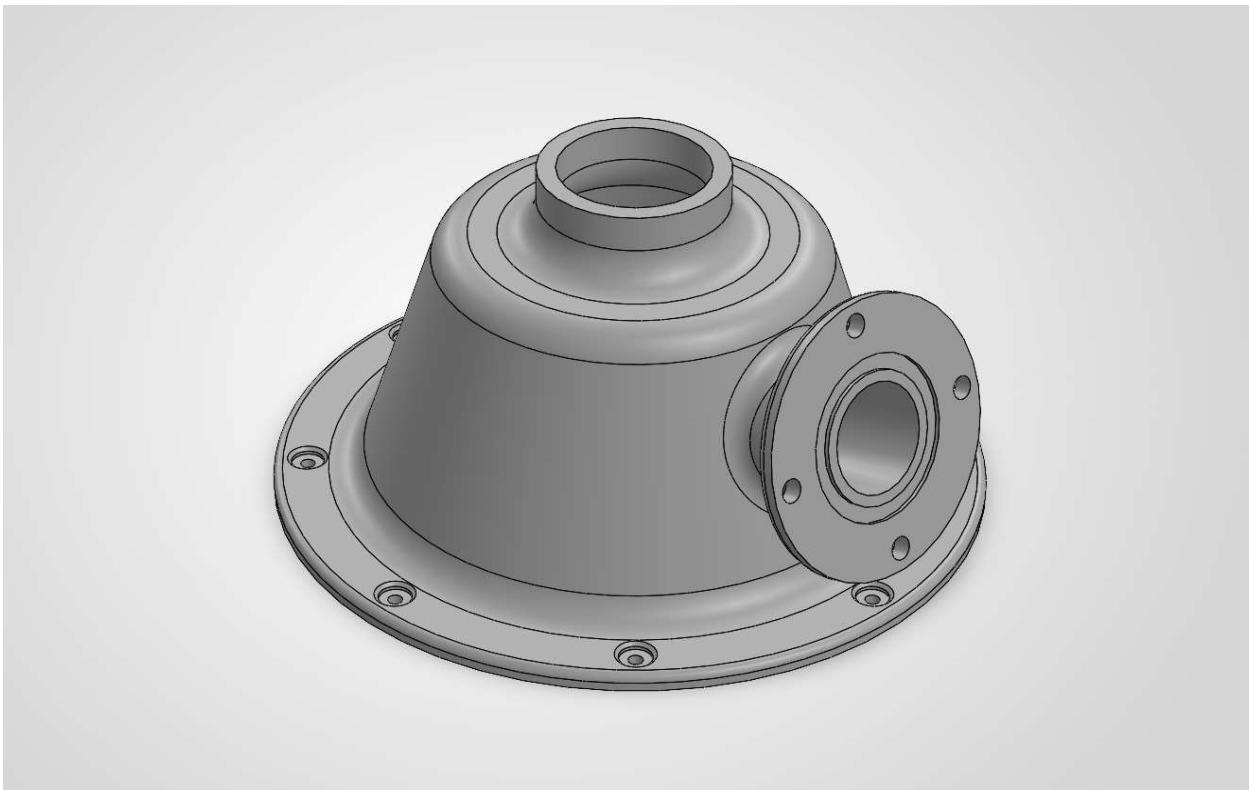


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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE:
		DIMENSIONS ARE IN INCHES	TOLERANCES			
		FRACTIONAL	ANGULAR: MACH .2 REND: 3			
			TWO PLACE DECIMAL .3			
			THREE PLACE DECIMAL .03			
		INTERPRET GEOMETRIC TOLERANCING PER:	MATERIAL	COMMENTS:		
NEXT ASSY		FINISH				
USED ON						
APPLICATION			DO NOT SCALE DRAWING			

SIZE DWG. NO. REV  
**A Assem2**  
SCALE: 1:5 WEIGHT: SHEET 1 OF 1

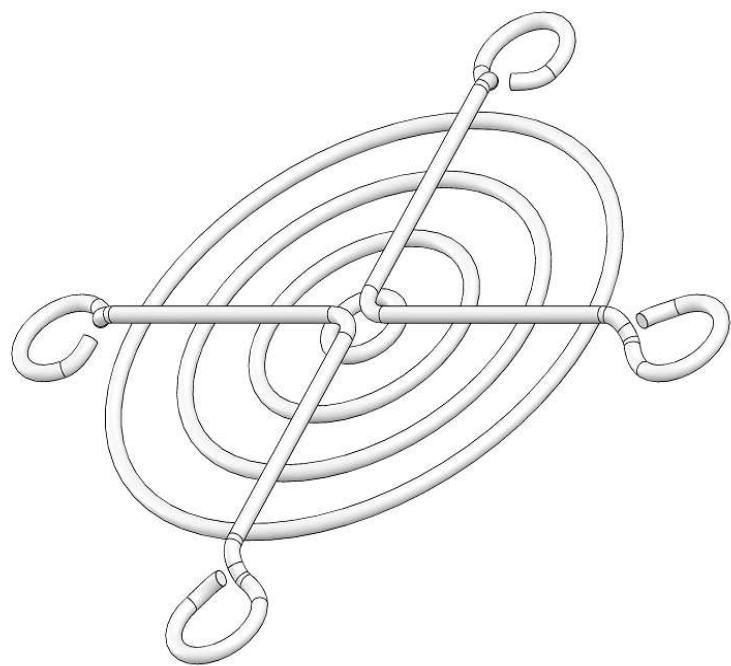
## PART 5



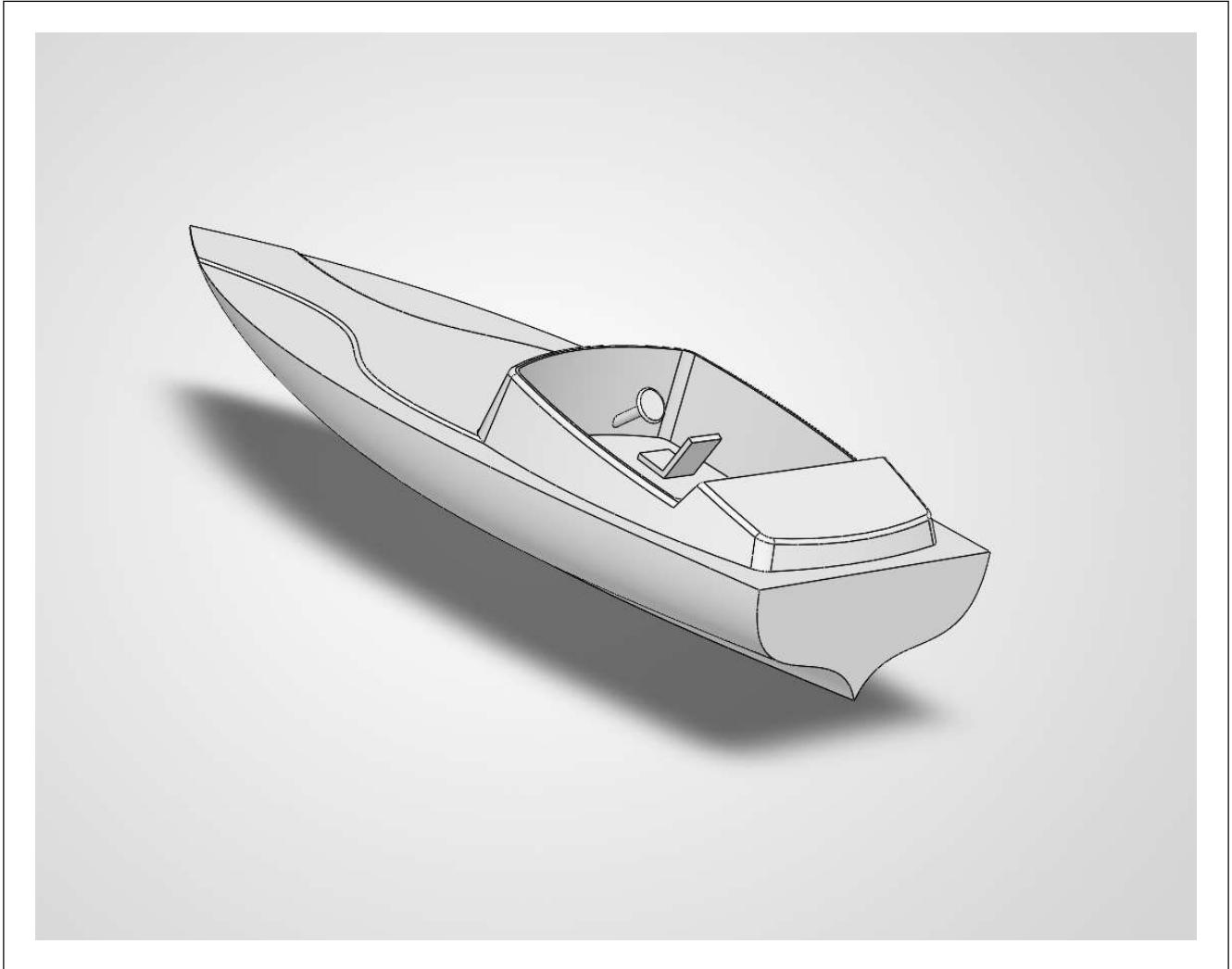
SECTION A-A

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DIMENSIONS ARE IN INCHES FRACTIONAL $\pm$ ANGULAR: MACH $\pm$ BEND $\pm$ TWO PLACE DECIMAL $\pm$ THREE PLACE DECIMAL $\pm$			CHEKED			
INTERPRET GEOMETRIC TOLERANCING PER:			ENG APPR.			
			MFG APPR.			
			G.A.			
			COMMENTS:			

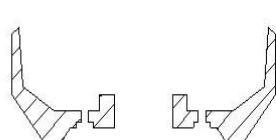
ELECTRONICS COMPONENT FAN



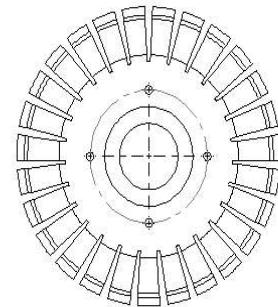
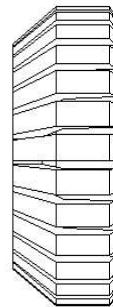
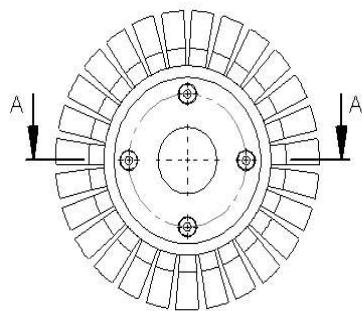
BOAT



# TURBINE FILTER

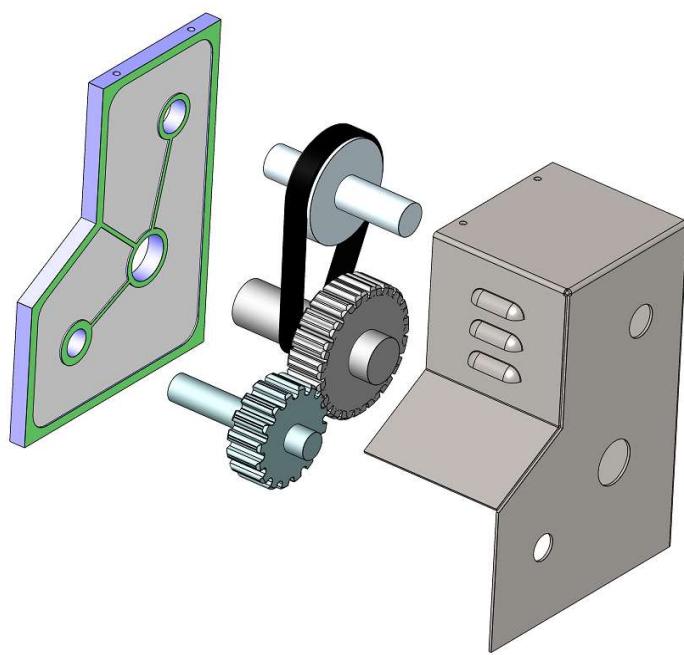
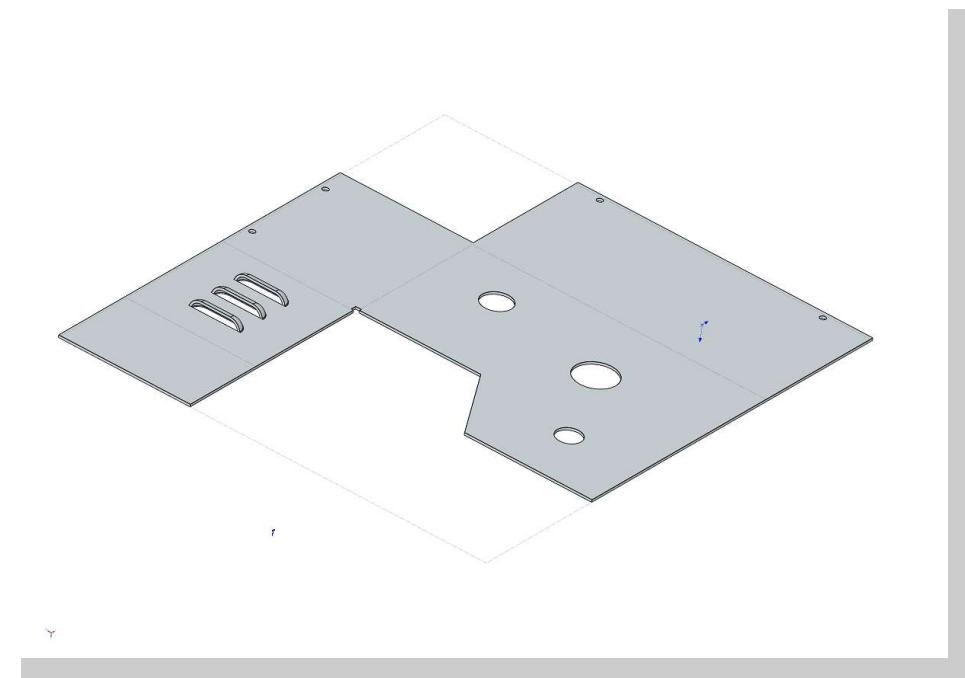


SECTION A-A

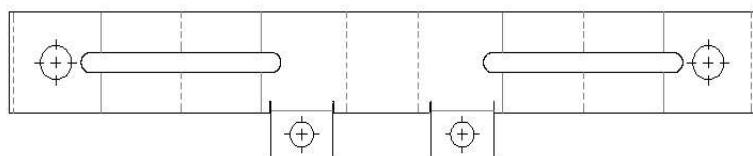
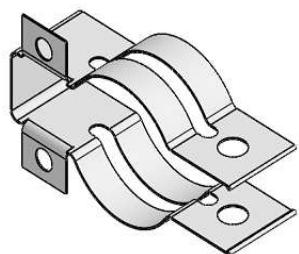
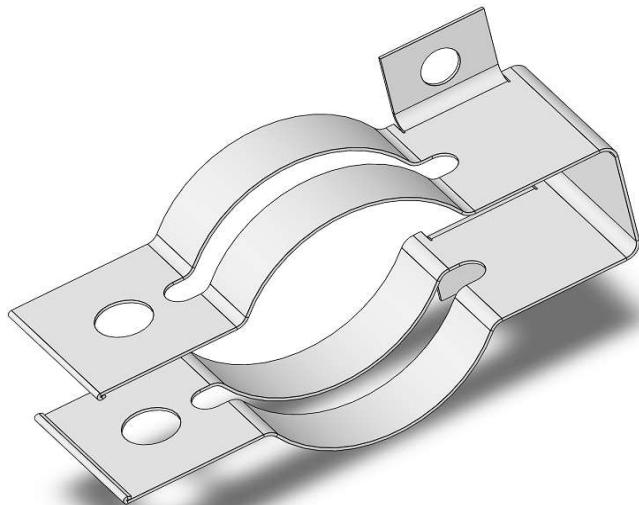


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DIMENSIONS ARE IN INCHES		DRAWN				
TOLERANCES:		CHECKED				
FRACTIONAL ±						
ANGULAR: MACH ± BEND ±						
TWO PLACE DECIMAL .1						

## METAL SHEET COVER

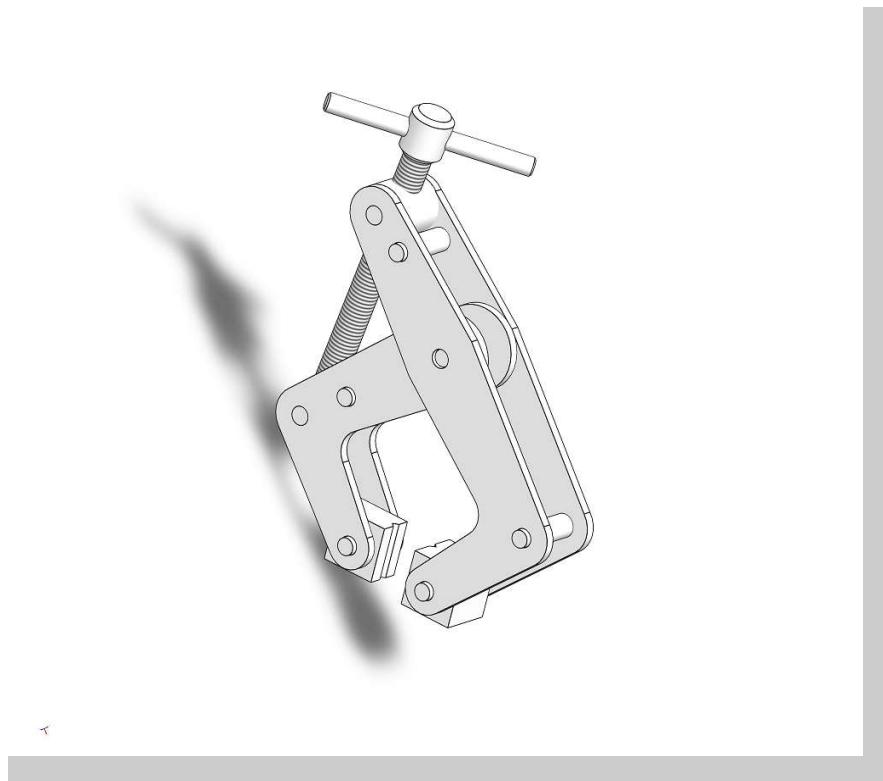


## METAL SHEET PART

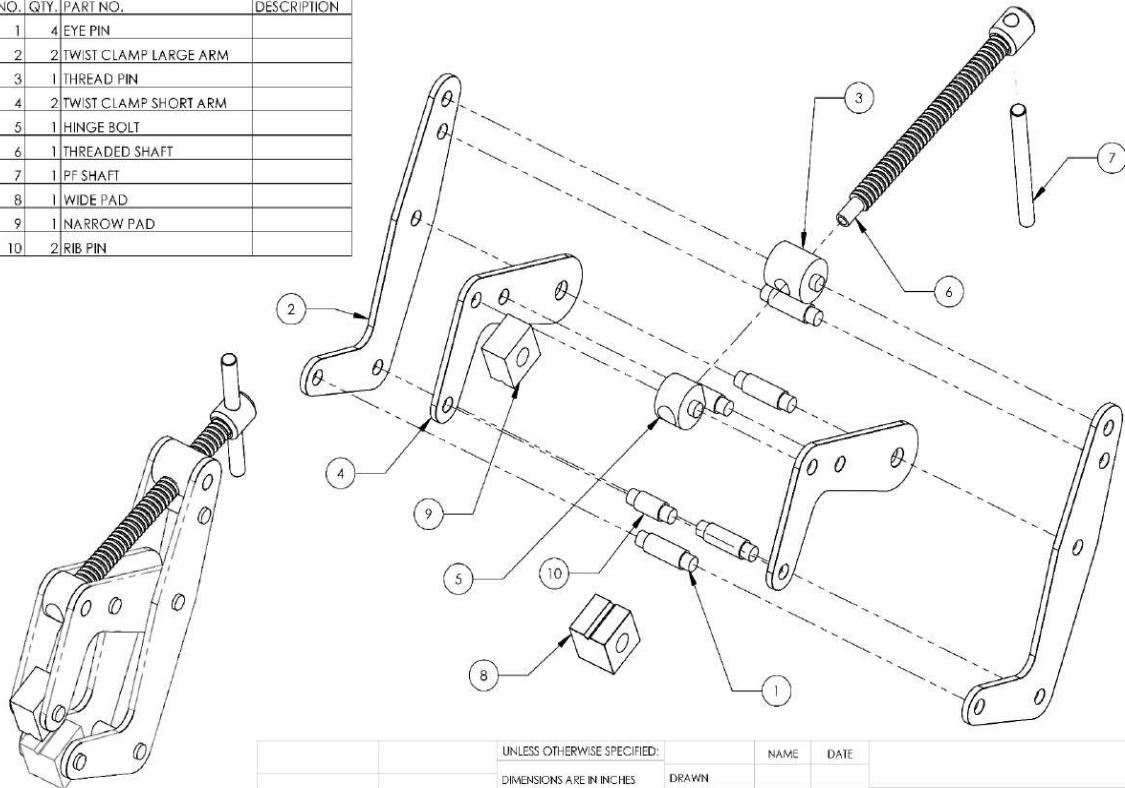


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TOLERANCES:		CHEKED				
FRACTIONAL:						
ANGULAR: MACH 2 BEND 1						
TWO PLACE DECIMAL 2						
		ENG APPR.				

## ASSEMBLY FROM DESIGNED PARTS

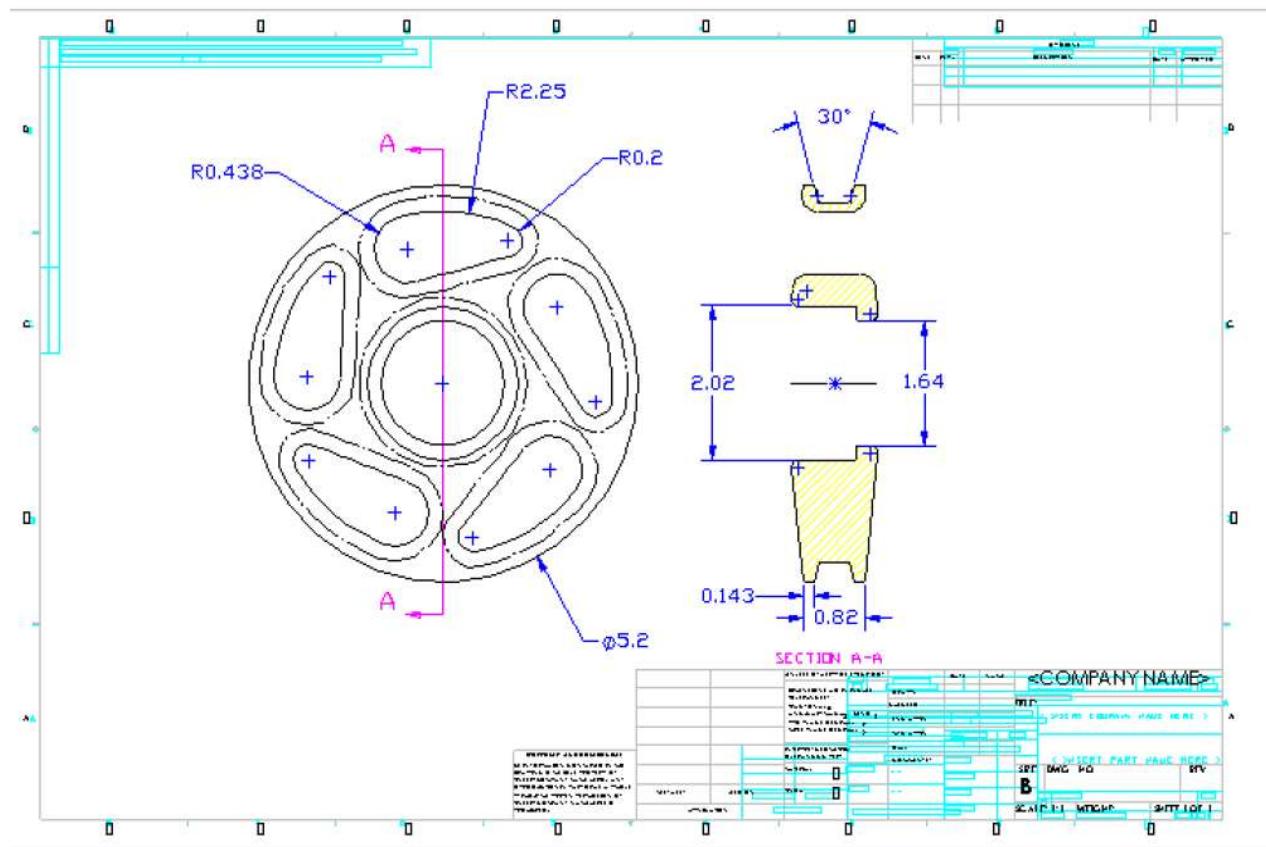
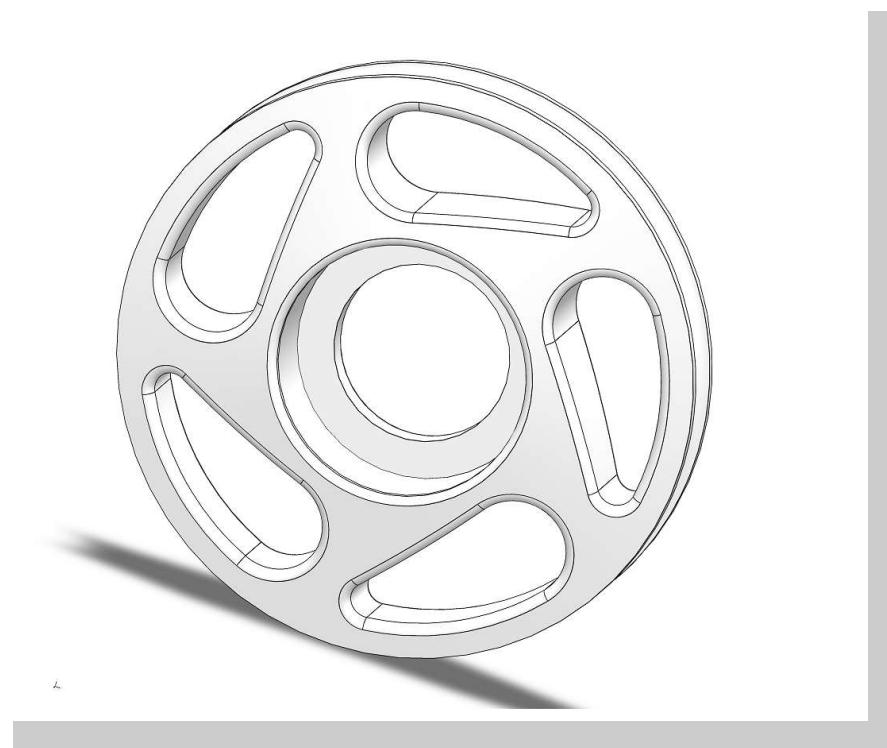


ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	4	EYE PIN	
2	2	TWIST CLAMP LARGE ARM	
3	1	THREAD PIN	
4	2	TWIST CLAMP SHORT ARM	
5	1	HINGE BOLT	
6	1	THREADED SHAFT	
7	1	PF SHAFT	
8	1	WIDE PAD	
9	1	NARROW PAD	
10	2	RIB PIN	

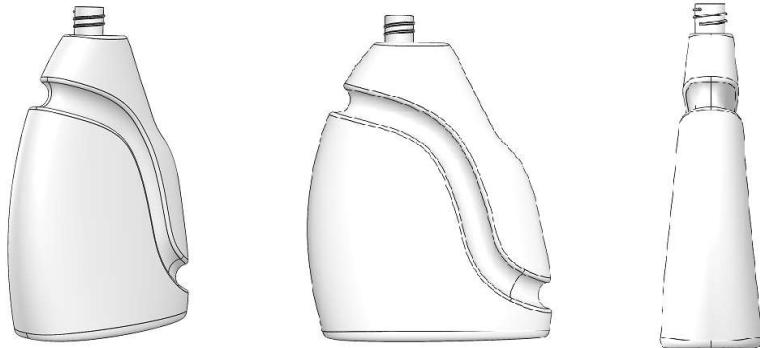


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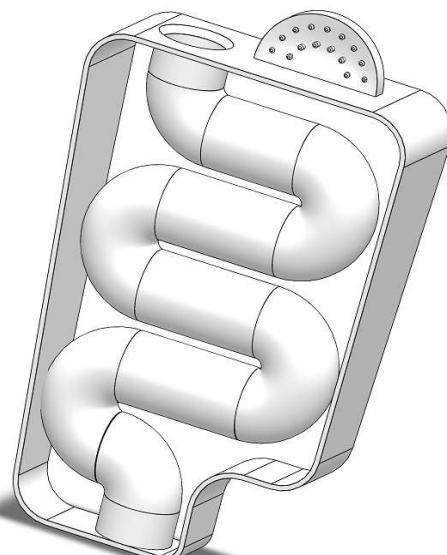
## WHEEL FROM 2D DXF/DWG TO 3D MODEL



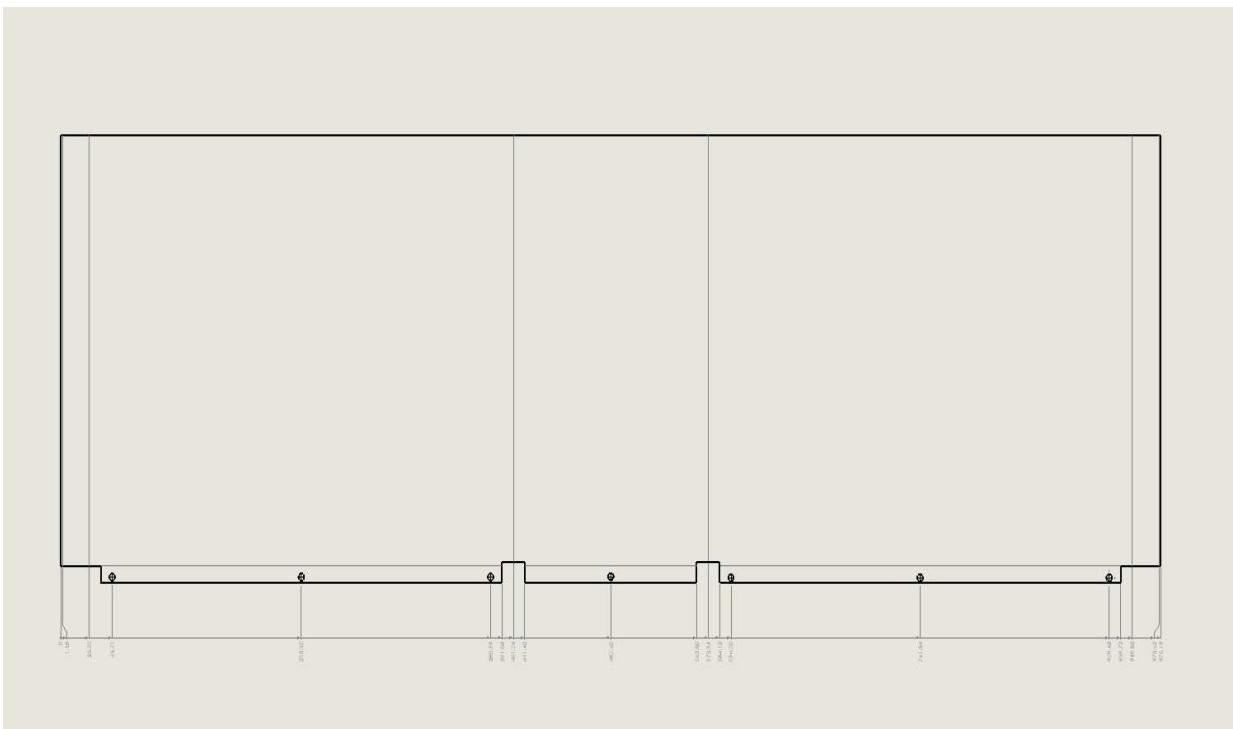
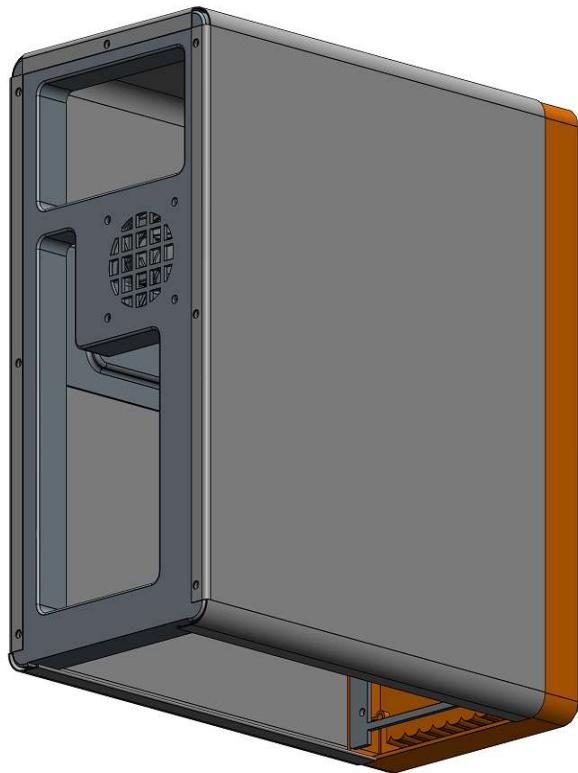
CURVED SURFACES BOTTLE WITH HELIX AT TOP



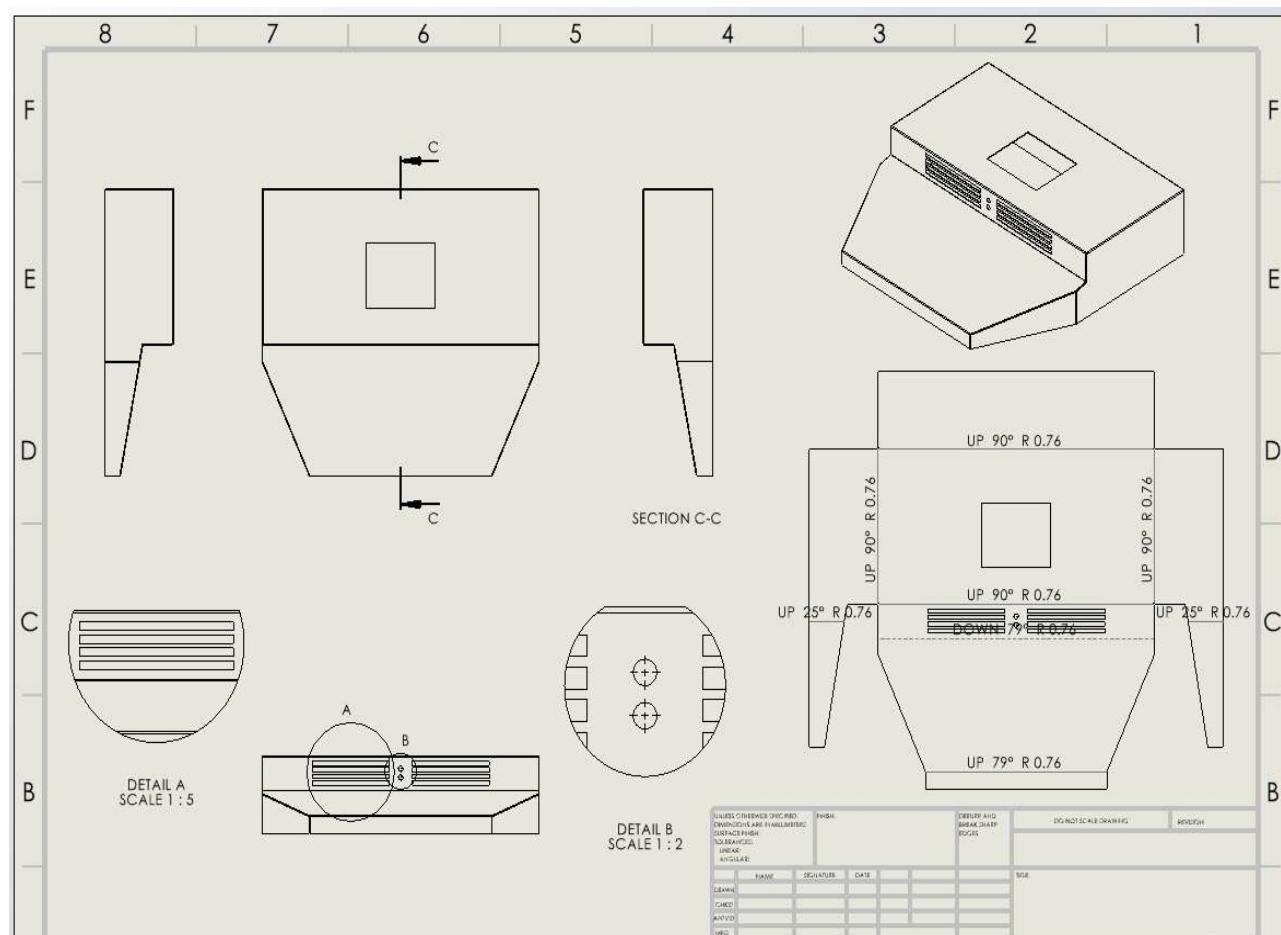
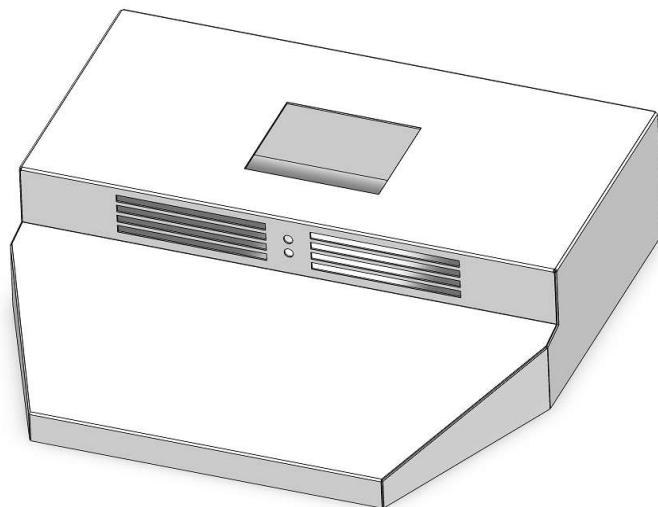
ICEBOX CHILLER



## SHEET METAL PC TOWER COVER



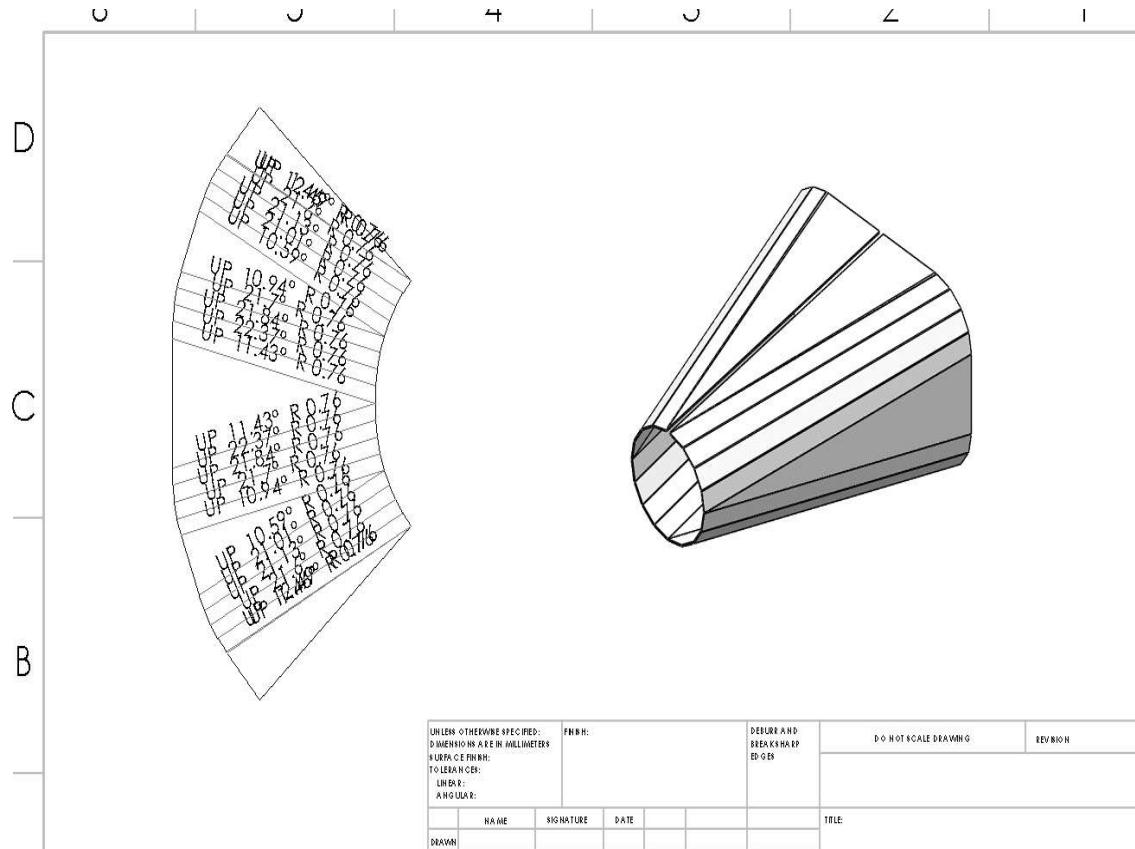
# SHEET METAL OVEN EXHAUST HOOD



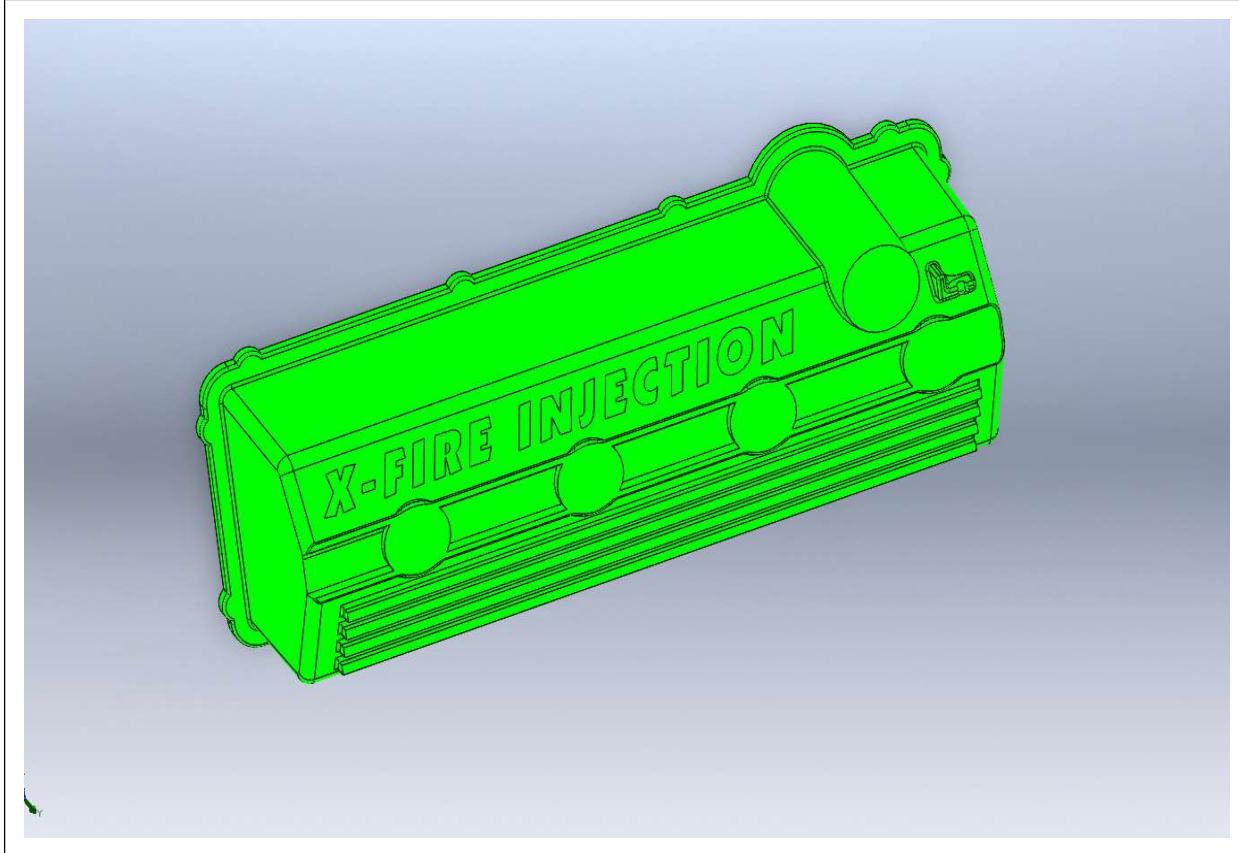
## SHEET METAL CYLINDER



## LOFTED SHEET METAL



COVER READY FOR CASTING (DRAFT ANALYSIS ON)



COVER CASTING MOLD

