

FRANCISCO CEREZO VALVERDE

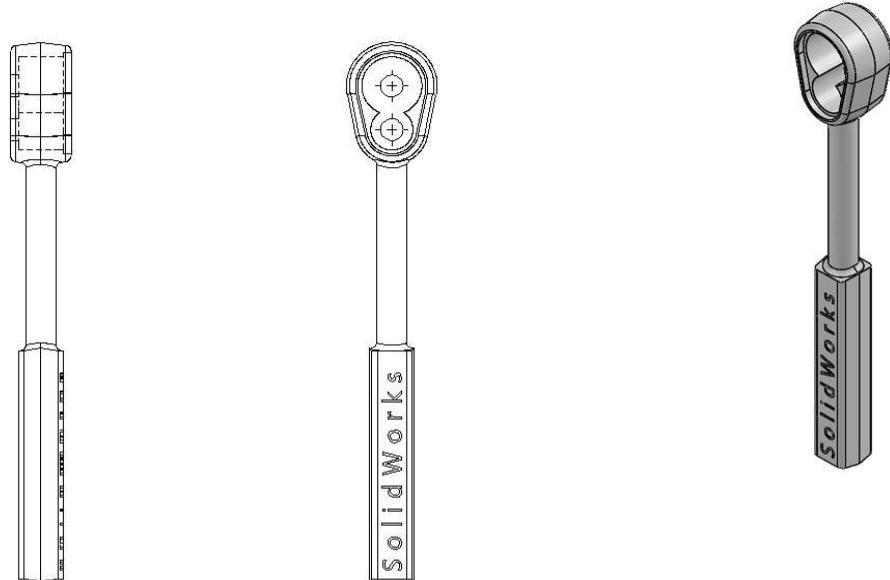
SOLIDWORKS PORTFOLIO

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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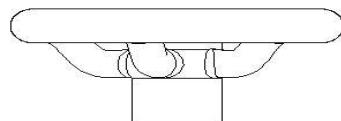
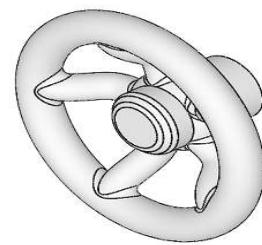
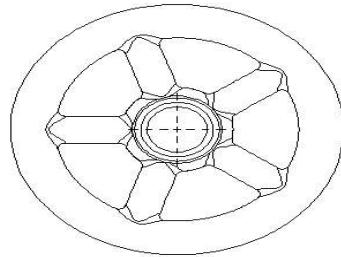
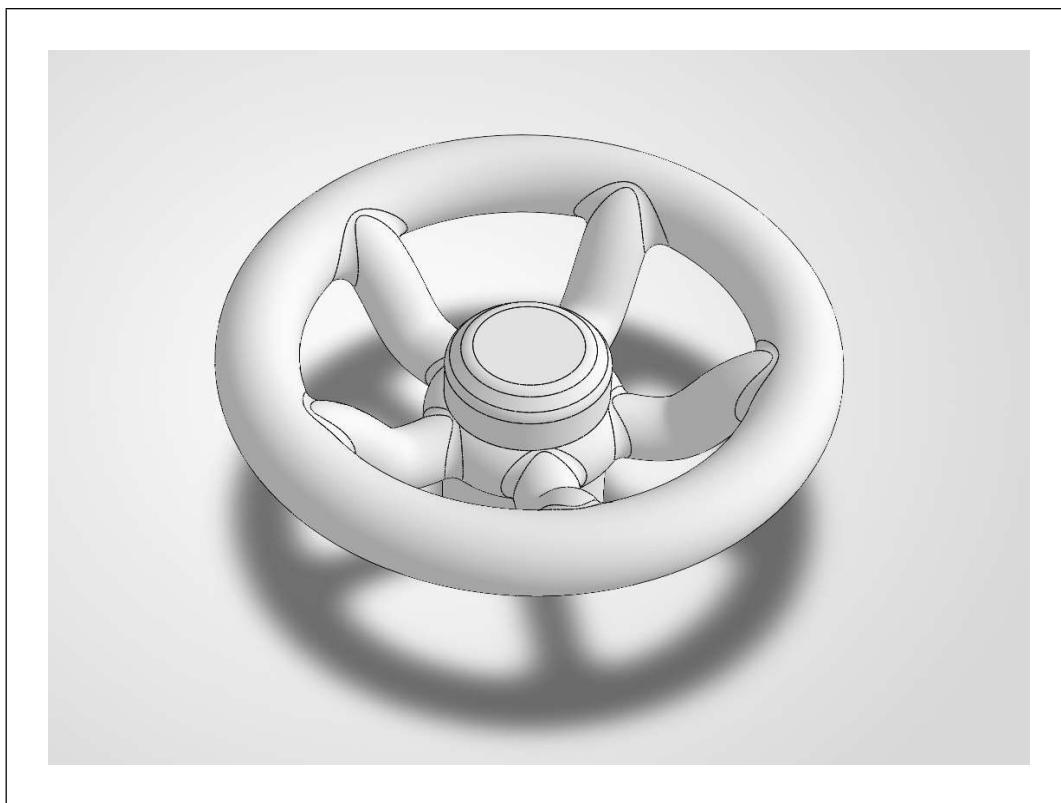
1. Ratchet
2. Hand wheel
3. Assembly from given parts
4. Bluetooth headgear assembly from given and modified parts
5. Part 5
6. Electronics component fan
7. Boat
8. Turbine filter
9. Metal sheet cover
10. Metal sheet Part
11. Assembly from designed parts
12. Wheel from 2D .dxf/.dwg to 3D Model
13. Curved Bottle with Helix at top
14. Icebox Chiller

RATCHET



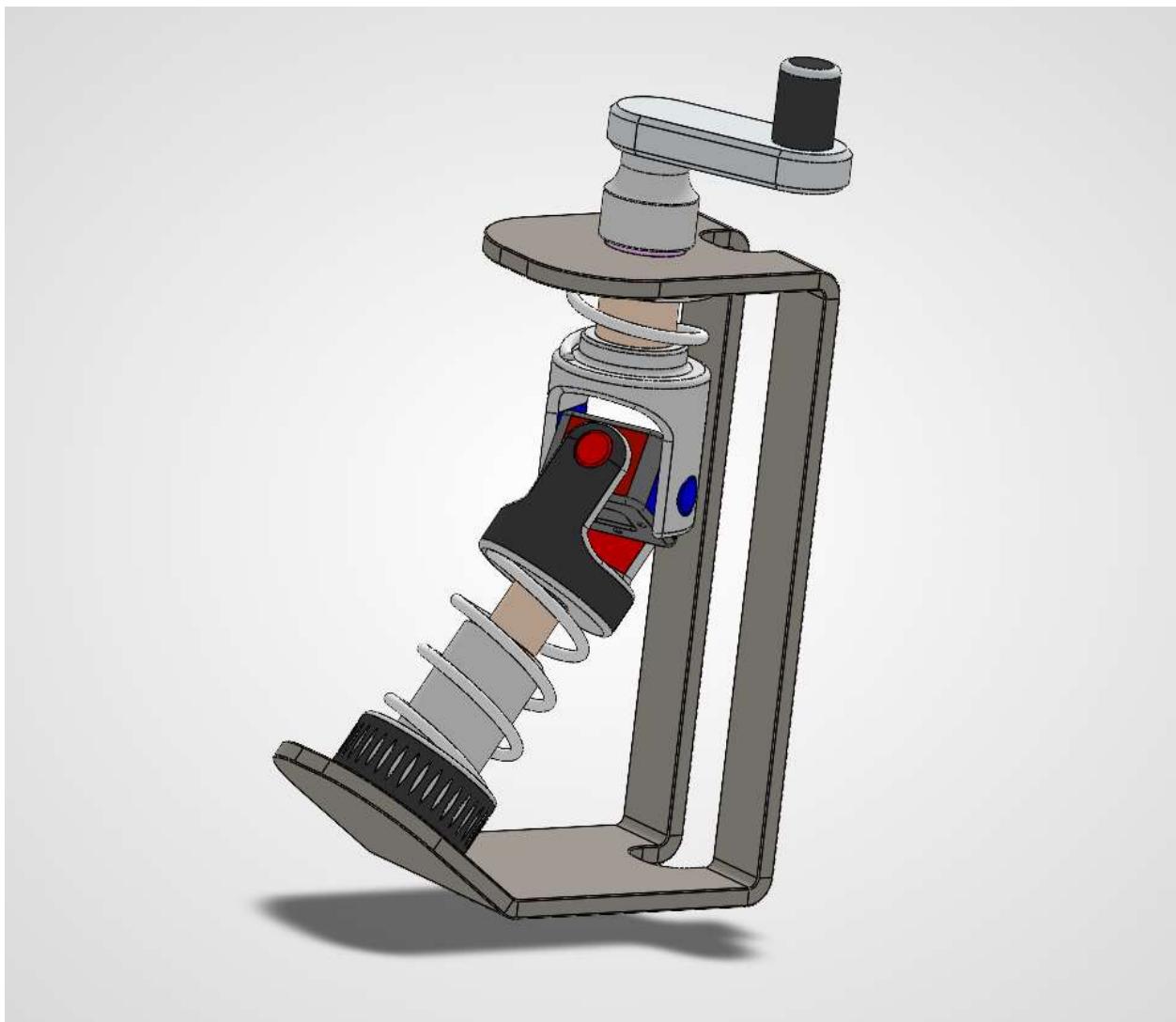
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DIMENSIONS ARE IN INCHES		DRAWN	
TOLERANCES		CHECKED	
FRACTIONAL ±			
ANGULAR: MACH ± BEND ±			
TWO PLACE DECIMAL ±			
ENG APPR.			
TITLE:			

HANDWHEEL

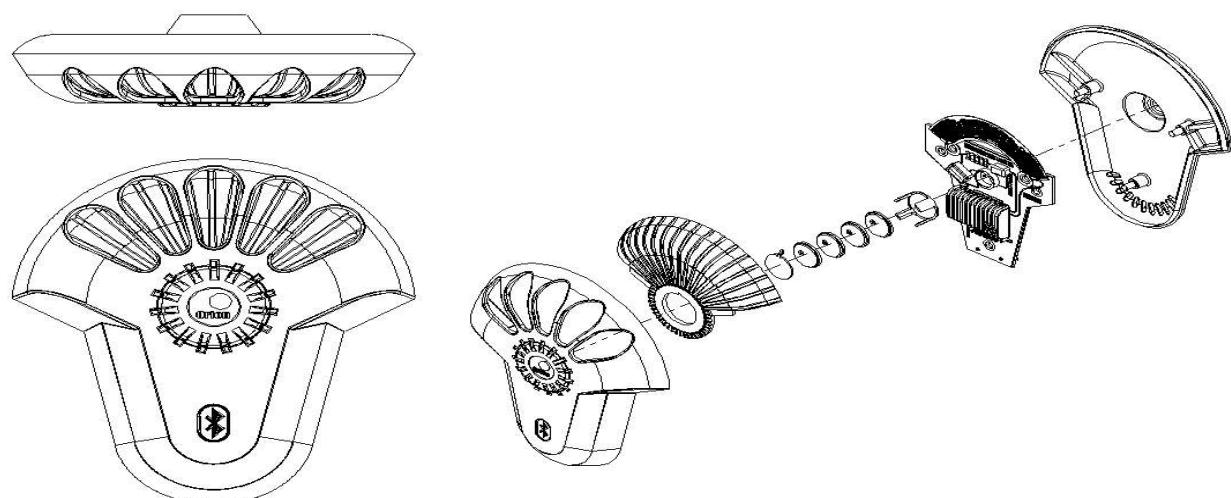
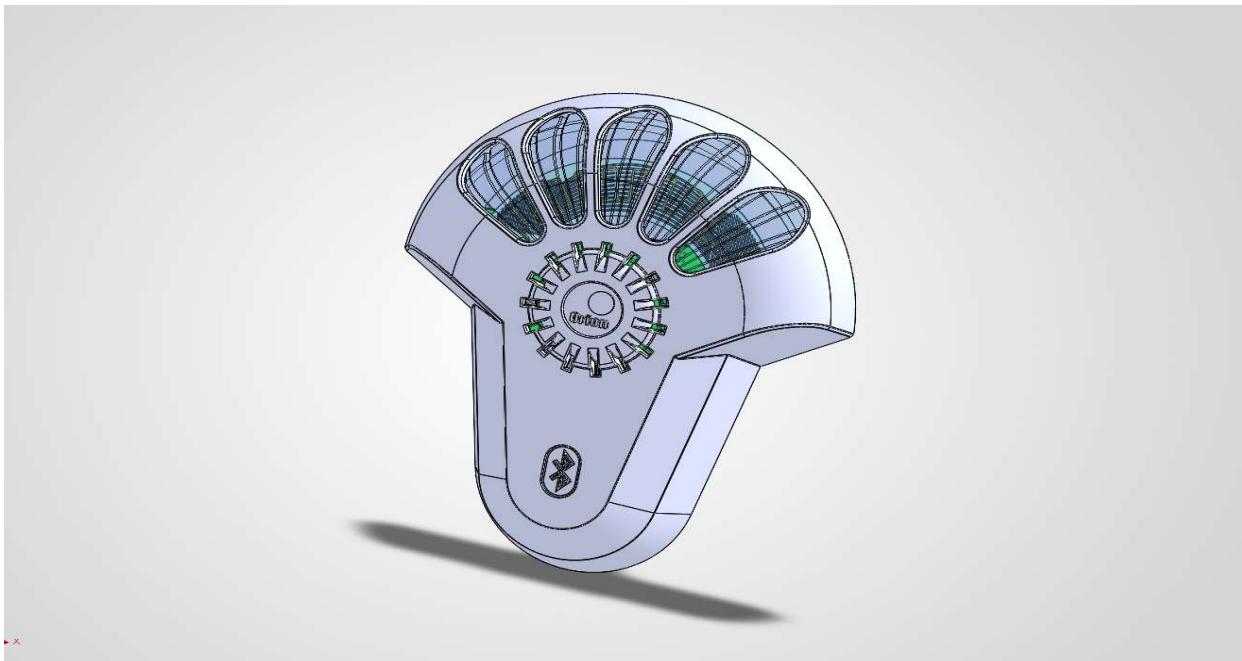


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		DIMENSIONS ARE IN INCHES TOLERANCING PER: PRACTICAL: ANGULAR: MACH 2 BEND: 3 TWO PLACE DECIMAL 3 THREE PLACE DECIMAL 3			
NEXT ASSY	USED ON	INTERPRET GEOMETRIC TOLERANCING PER: MATERIAL		COMMENTS: _____	SIZE DWG. NO. _____ REV. _____
		FINISH			
APPLICATION		DO NOT SCALE DRAWING		SCALE: 1:5 WEIGHT: _____ SHEET 1 OF 1	
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ASSEMBLY FROM GIVEN PARTS



BLUETOOTH HEADGEAR ASSEMBLY FROM GIVEN AND MODIFIED

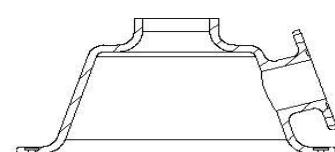
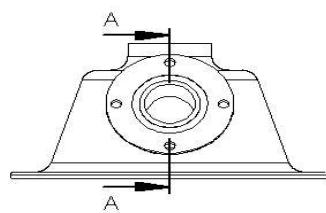
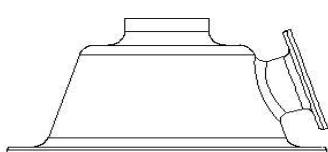
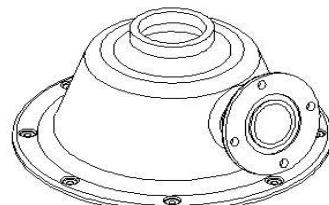
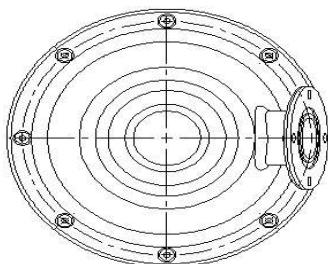
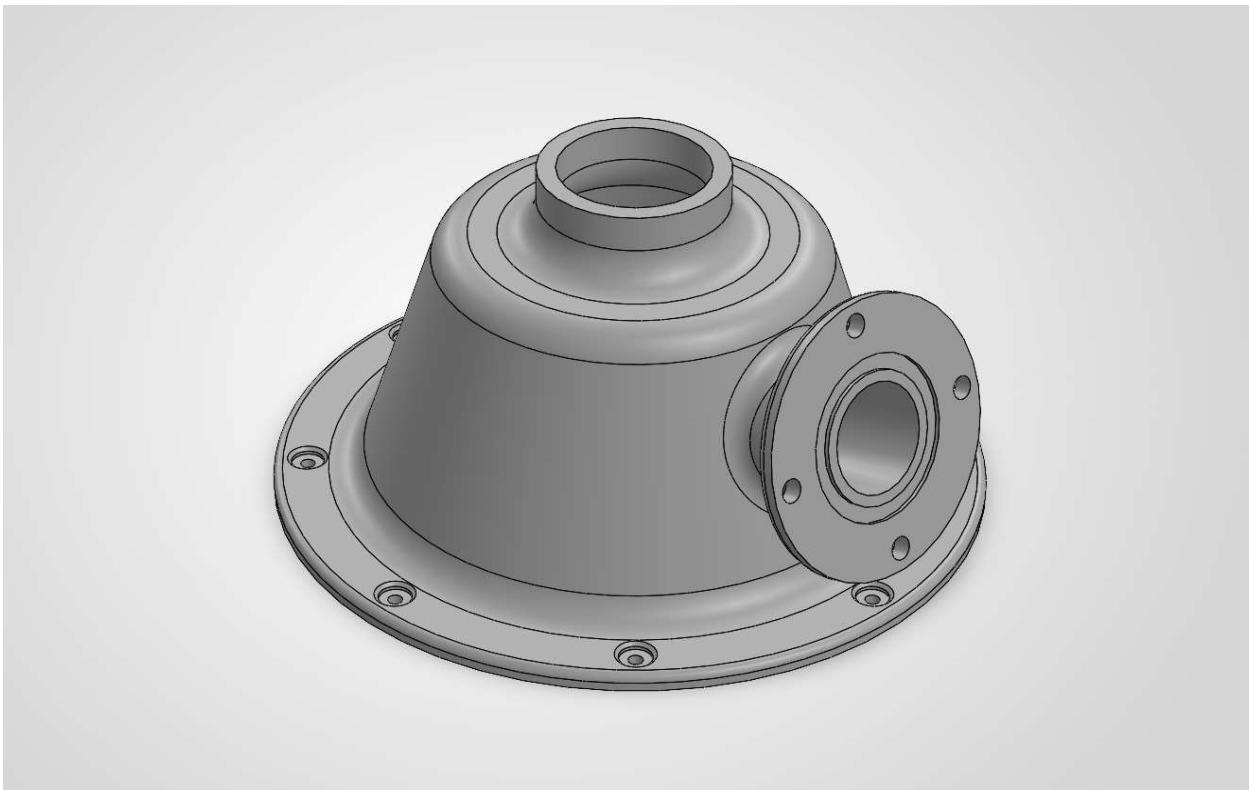


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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE:	
		DIMENSIONS ARE IN INCHES	TOLERANCES				
		FRACTIONAL	ANGULAR: MACH .2 REND: 3				
			TWO PLACE DECIMAL .3				
			THREE PLACE DECIMAL .03				
NEXT ASSY		INTERPRET GEOMETRIC TOLERANCING PER: MATERIAL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

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

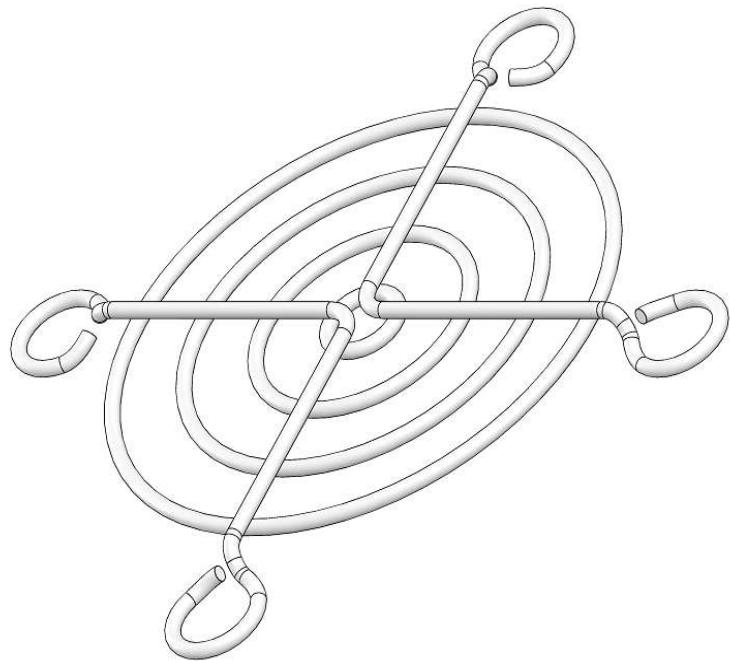
PART 5



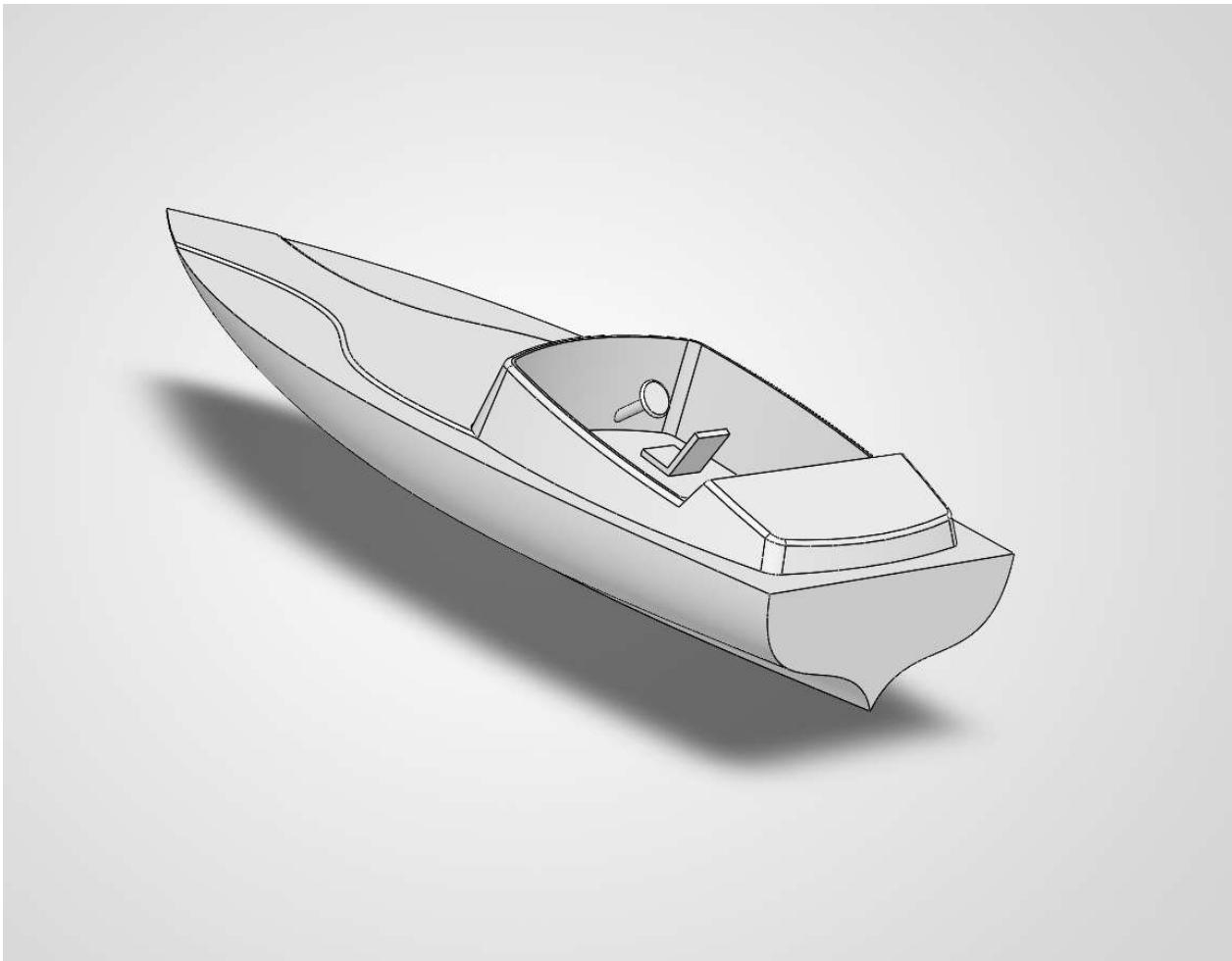
SECTION A-A

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		INTERPRET GEOMETRIC TOLERANCING PER:	ENG APPR.			Q.A.
			MFG APPR.			COMMENTS:

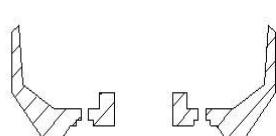
ELECTRONICS COMPONENT FAN



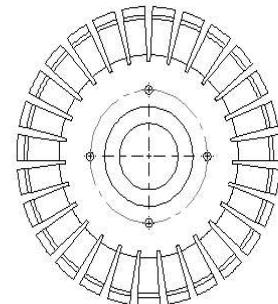
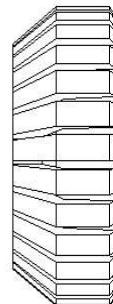
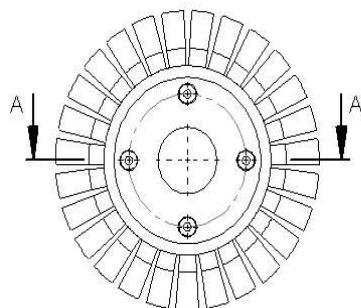
BOAT



TURBINE FILTER

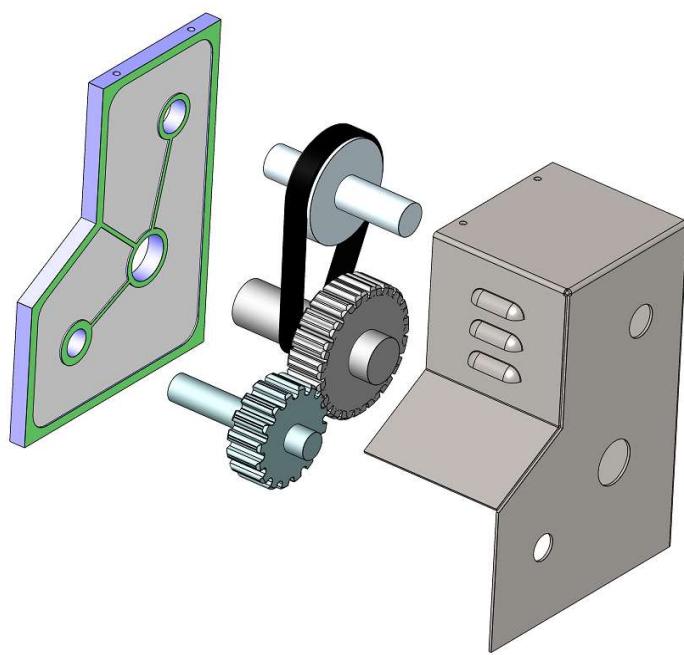
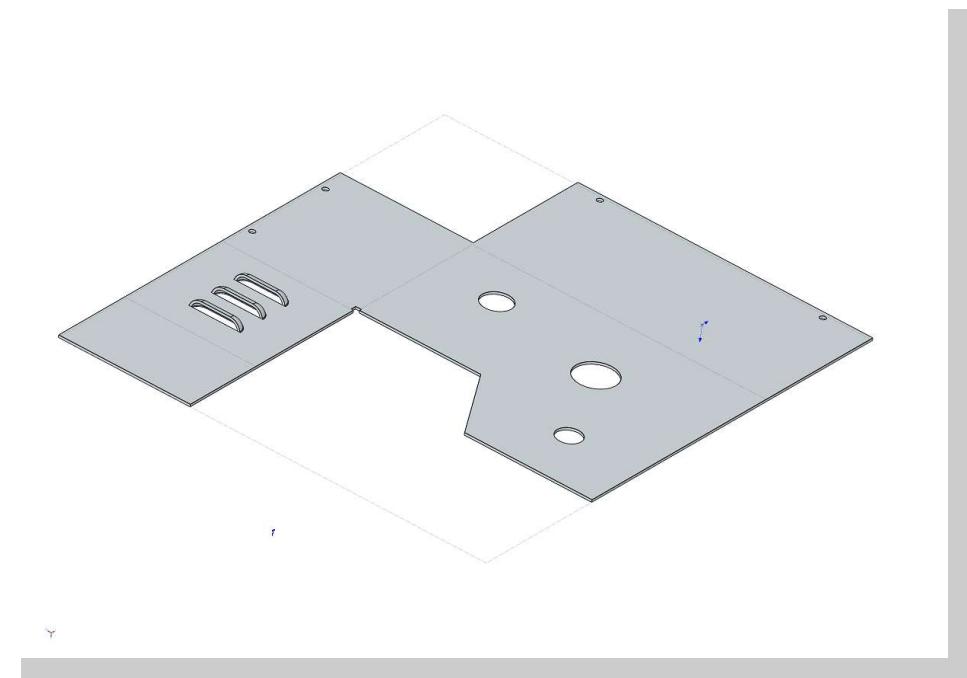


SECTION A-A

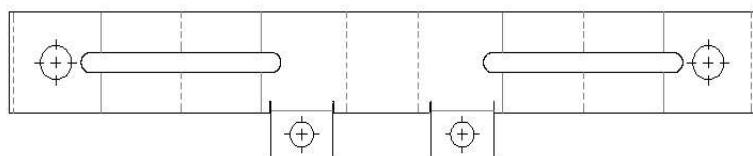
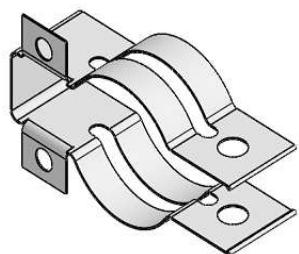
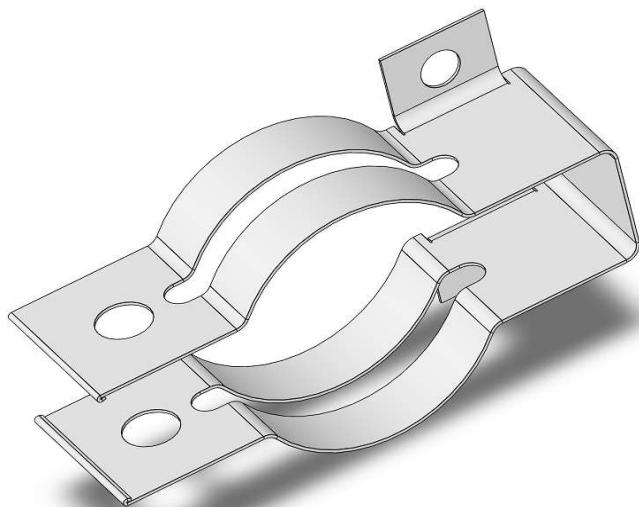


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DIMENSIONS ARE IN INCHES		DRAWN				
TOLERANCES:		CHECKED				
FRACTIONAL ±						
ANGULAR: MACH ± BEND ±						
TWO PLACE DECIMAL .1						

METAL SHEET COVER

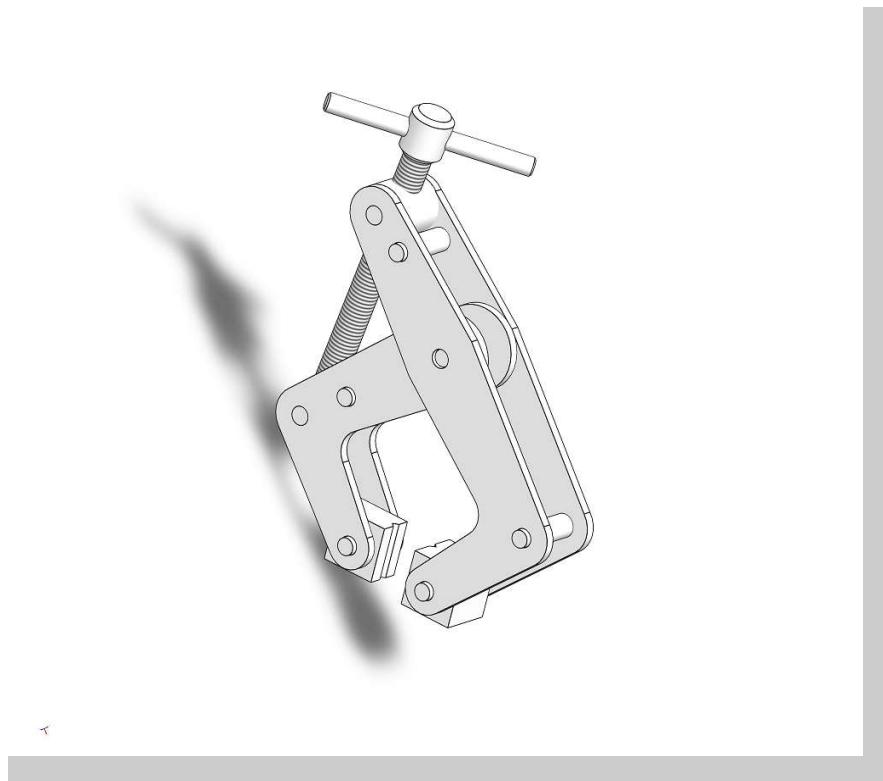


METAL SHEET PART

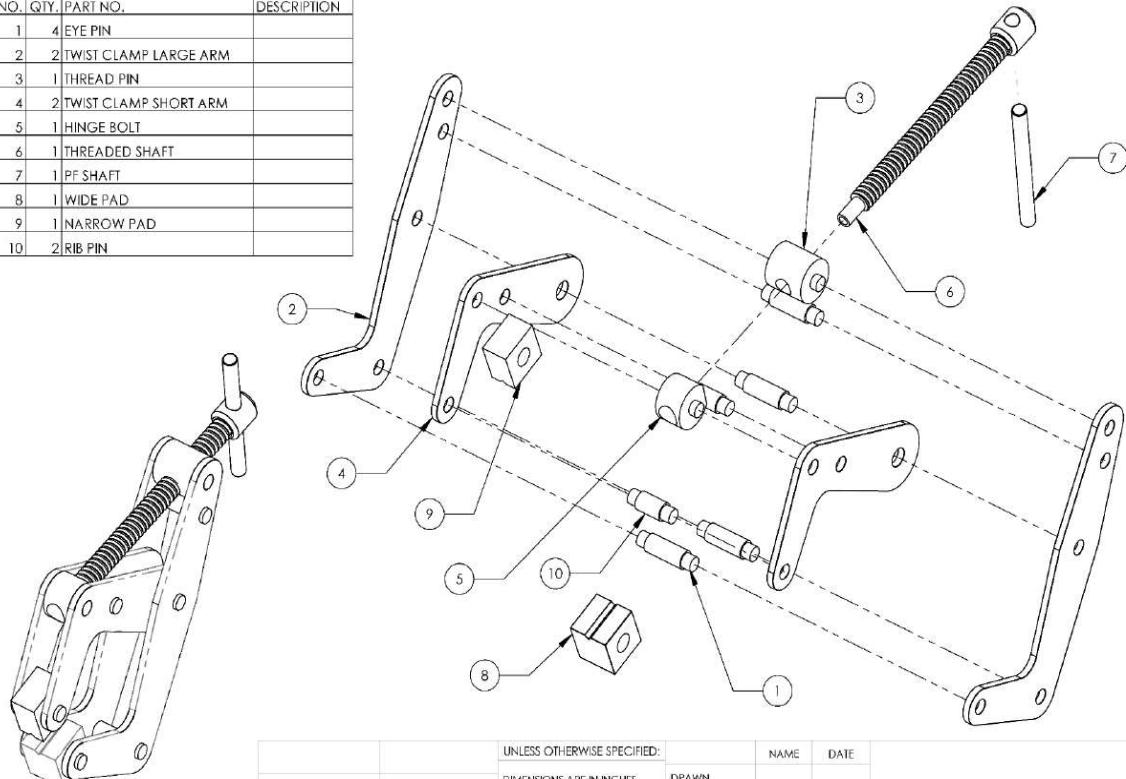


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			CHEC KED			
			ENG APPR.			

ASSEMBLY FROM DESIGNED PARTS

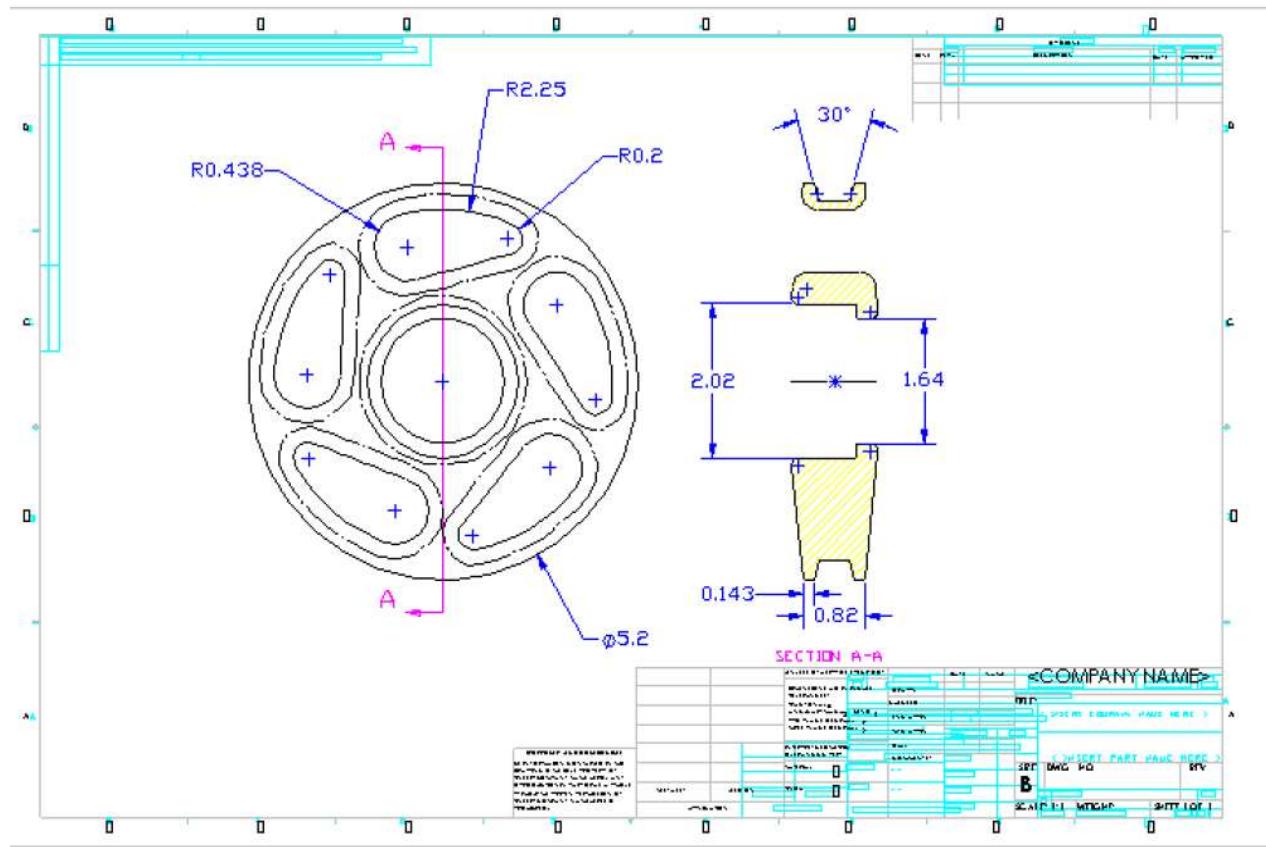
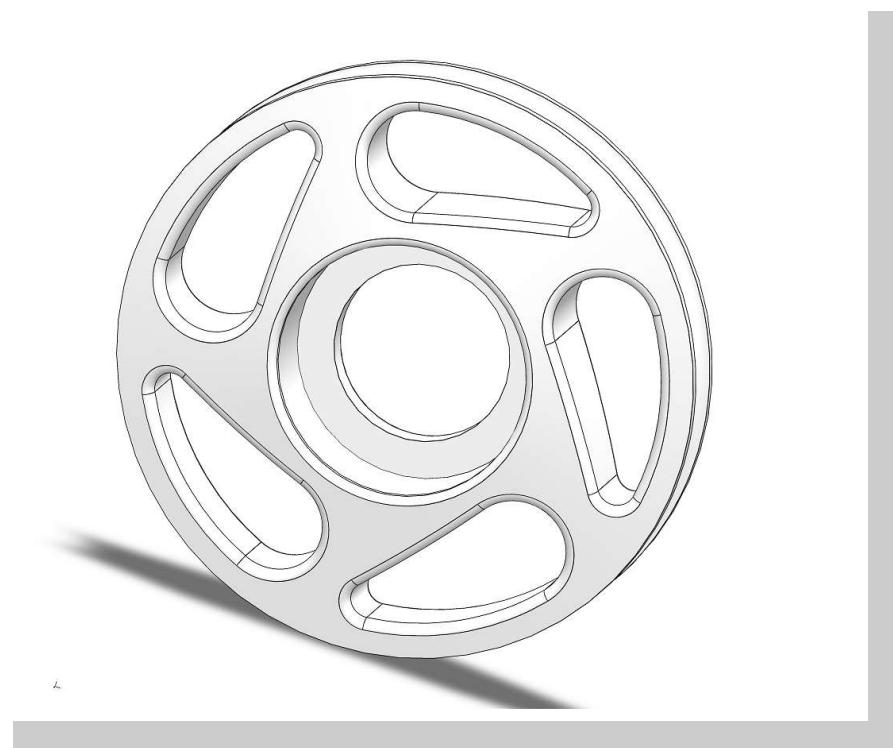


ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	4	EYE PIN	
2	2	TWIST CLAMP LARGE ARM	
3	1	THREAD PIN	
4	2	TWIST CLAMP SHORT ARM	
5	1	HINGE BOLT	
6	1	THREADED SHAFT	
7	1	PF SHAFT	
8	1	WIDE PAD	
9	1	NARROW PAD	
10	2	RIB PIN	

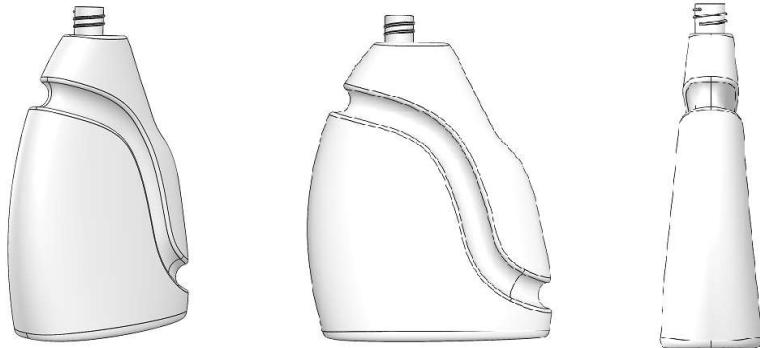


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		CHECKED _____	TITLE: _____

WHEEL FROM 2D DXF/DWG TO 3D MODEL



CURVED SURFACES BOTTLE WITH HELIX AT TOP



ICEBOX CHILLER

