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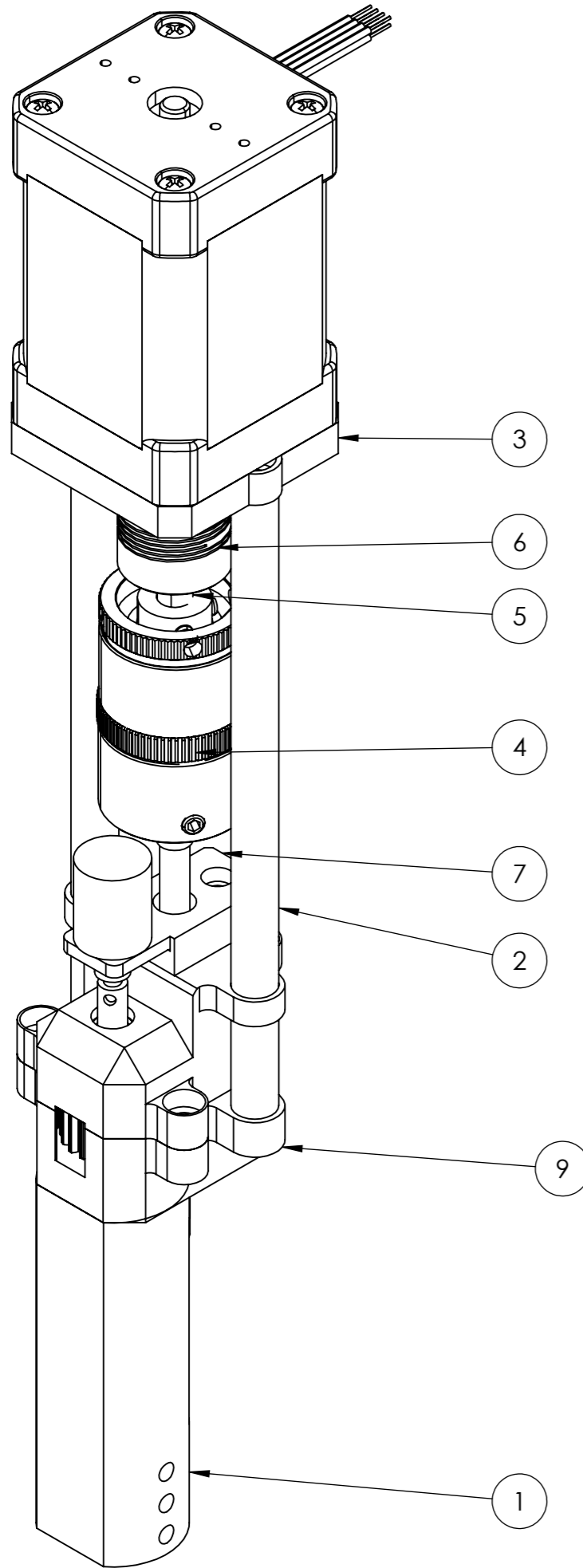
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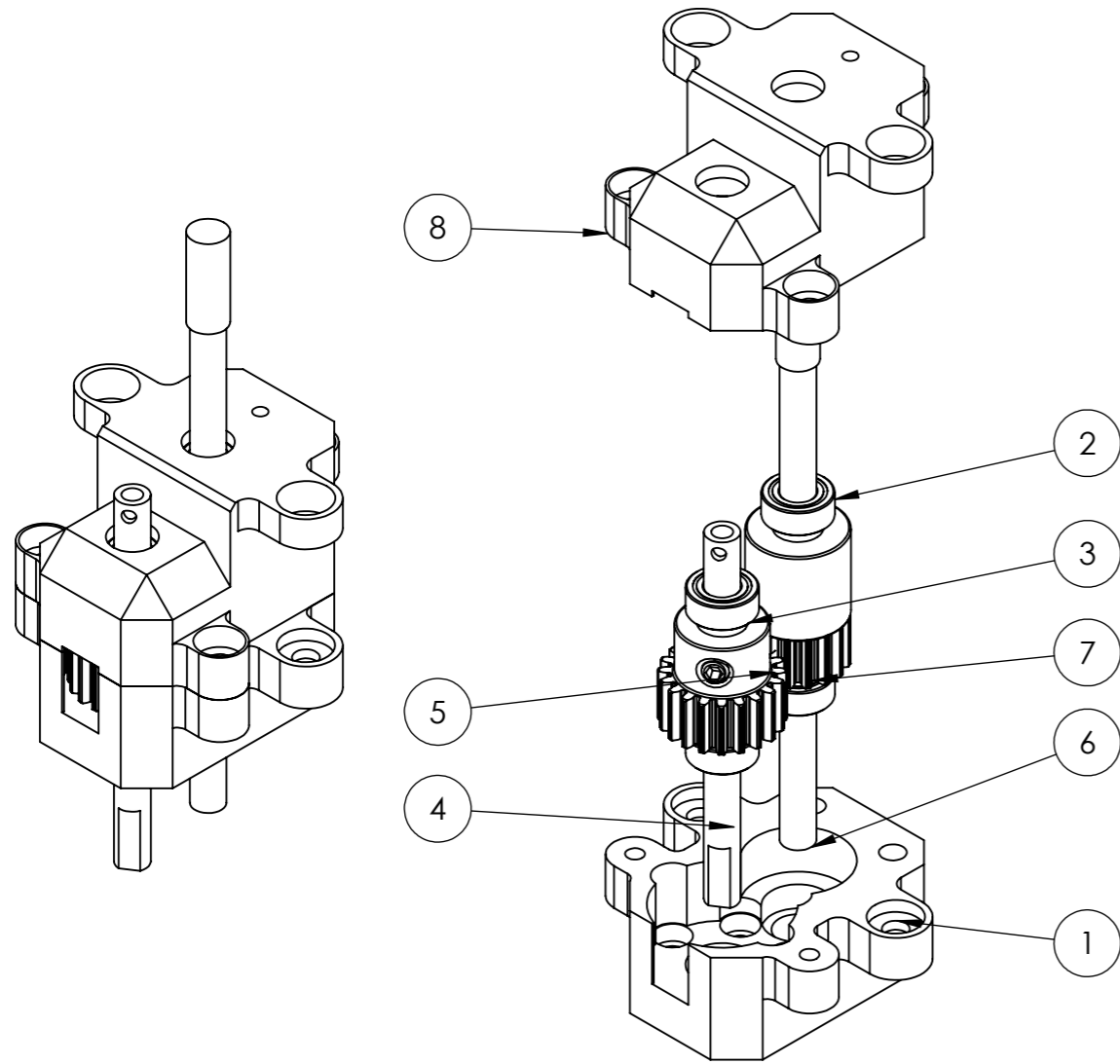
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	7785T11	Mount tube	1
2	89325K92	5/16 Rod	2
3	NA	Motor Plate	1
4	281_25	Friction cluth	1
5	1482K61	6mm D shaft	1
6	4147N143	Set Screw Precision Flexible Shaft Couplings	1
7	NA	Pot_Mount	1
8	89965K377	Mount tube Bush	1
9	NA	Gearbox	1

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:			FINISH:		DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION		
DRAWN Vibodha Bandara			SIGNATURE		DATE 1/13/2023		TITLE:				
CHK'D											
APPV'D											
MFG											
Q.A							MATERIAL:		DWG NO.		
									Fridge Valve		
									A3		
							WEIGHT:		SCALE:1:1		
									SHEET 1 OF 8		

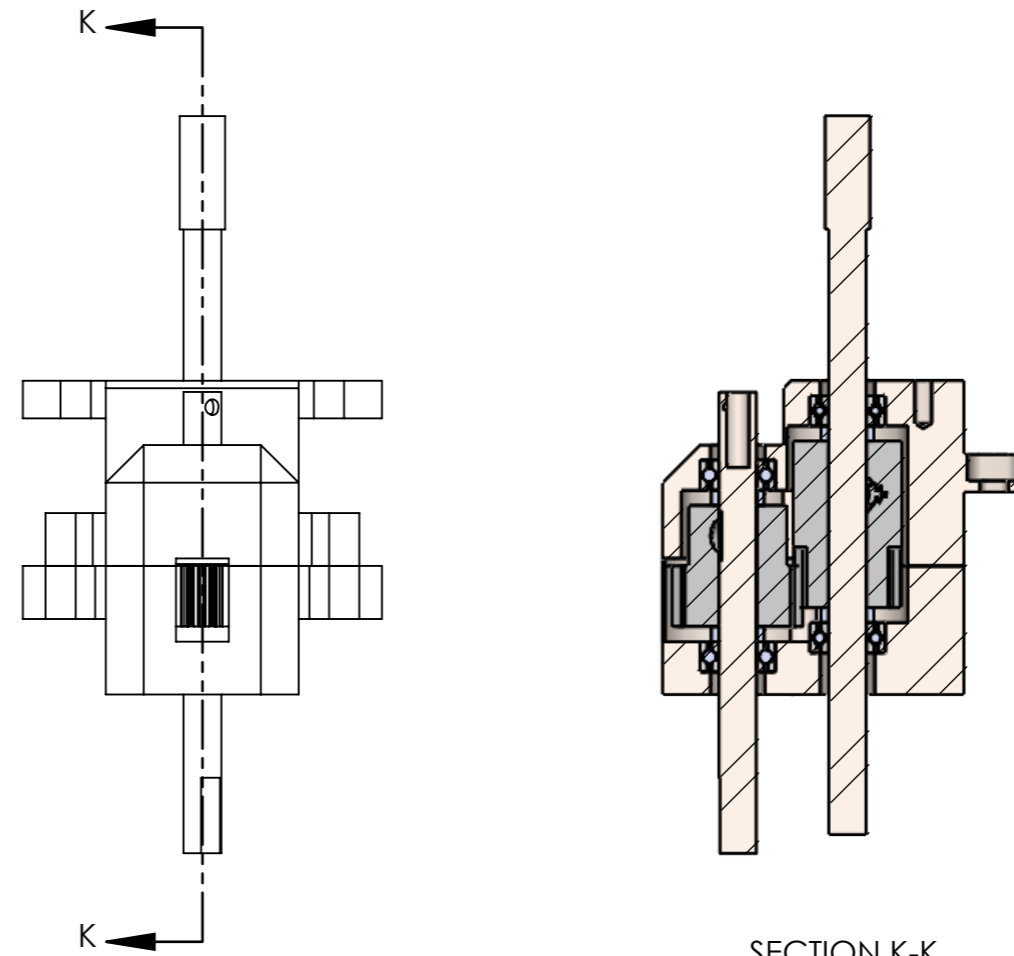
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**Gear Box**



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	NA	Gear box_Bottom	1
2	7804K106	Stainless Steel Ball Bearing	4
3	NA	2mm shaft spacer	4
4	1265K44	5mm Shaft	1
5	2664N335	Metal Gear - 20 Degree Pressure Angle	1
6	1265K51	5mm to 6mm Shaft	1
7	2664N334	Metal Gear - 20 Degree Pressure Angle	1
8	NA	Gear box_Top	1



Distance between the two gears  $14.55^{+0}_{-0.05}$

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DRAWN Vibodha Bandara			SIGNATURE		DATE		TITLE:				
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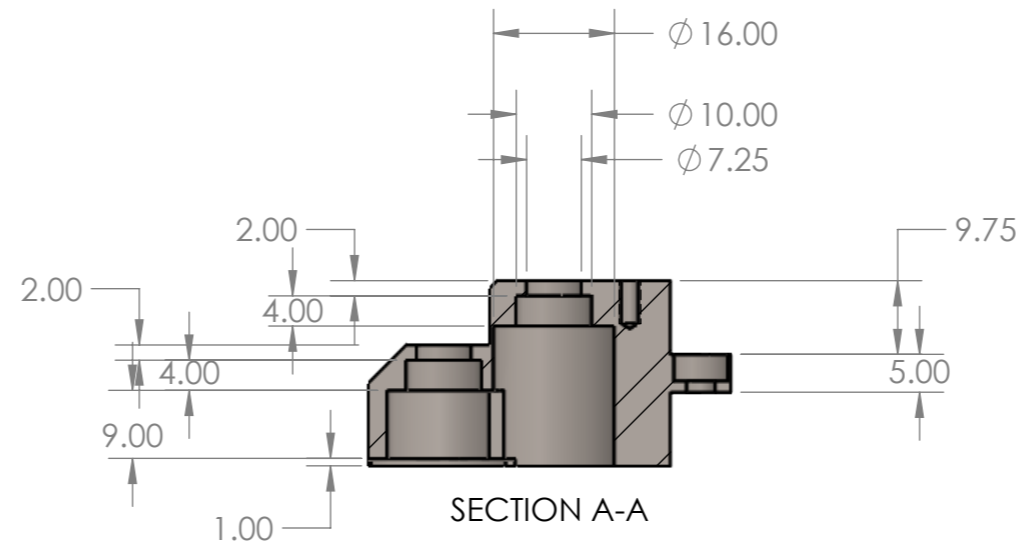
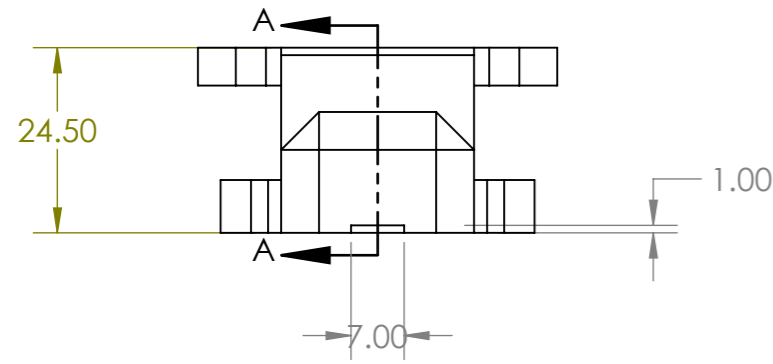
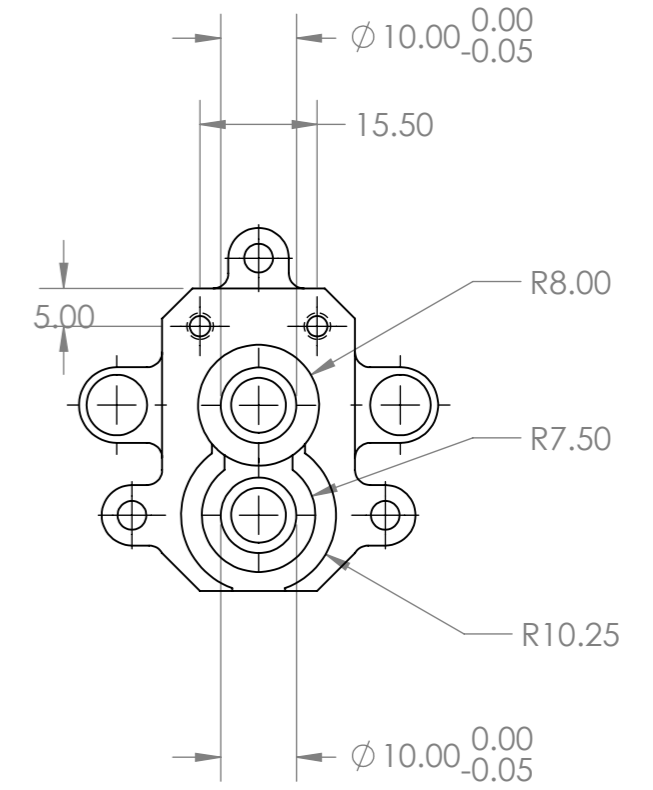
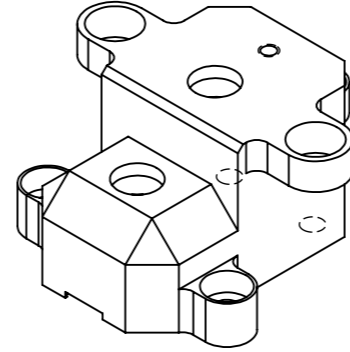
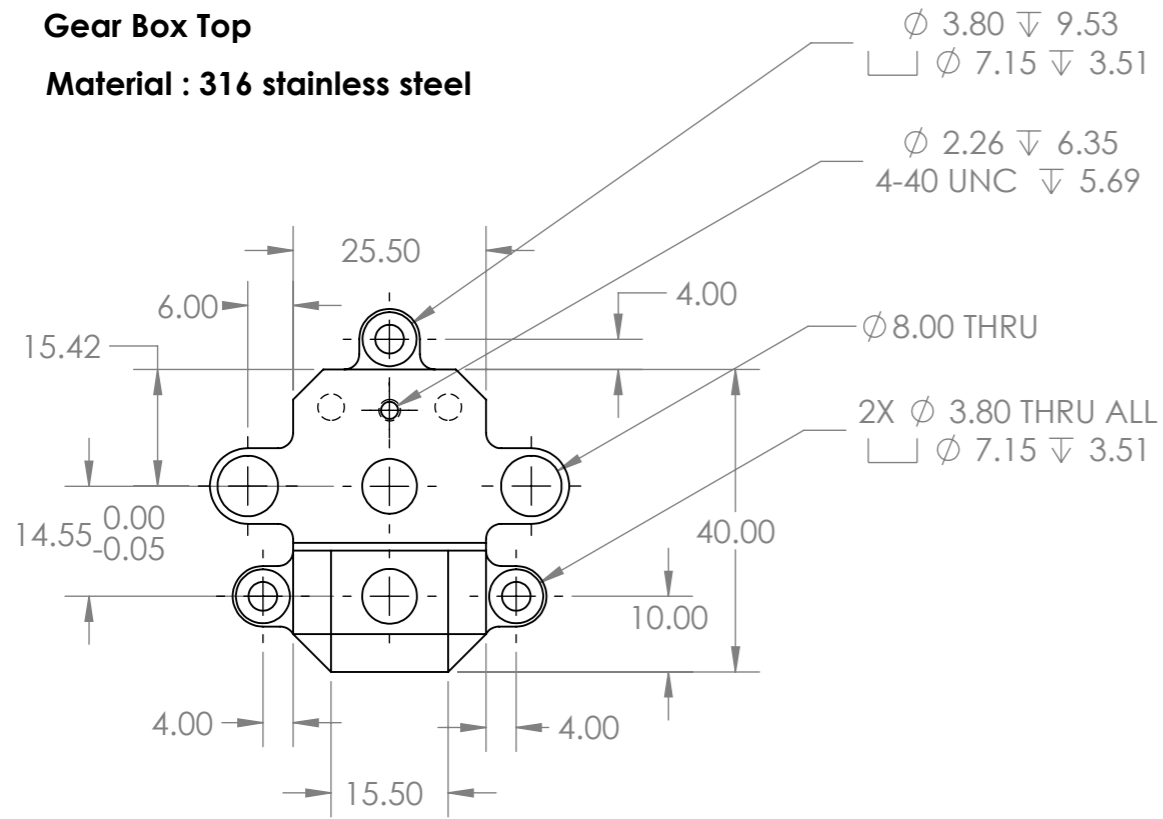
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**Gear Box Top**

**Material : 316 stainless steel**



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:			FINISH:		DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION		
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							Fridge Valve				
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							SCALE:1:1				
							SHEET 3 OF 8				

	NAME	SIGNATURE	DATE			
DRAWN						
CHK'D						
APPV'D						
MFG						
Q.A						

MATERIAL:

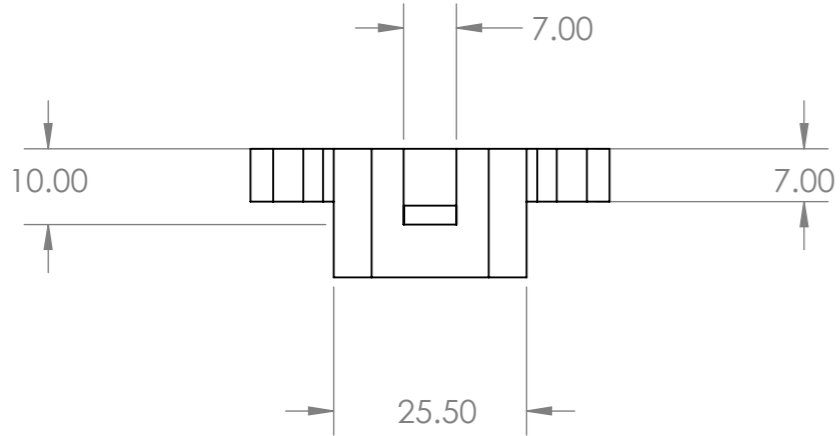
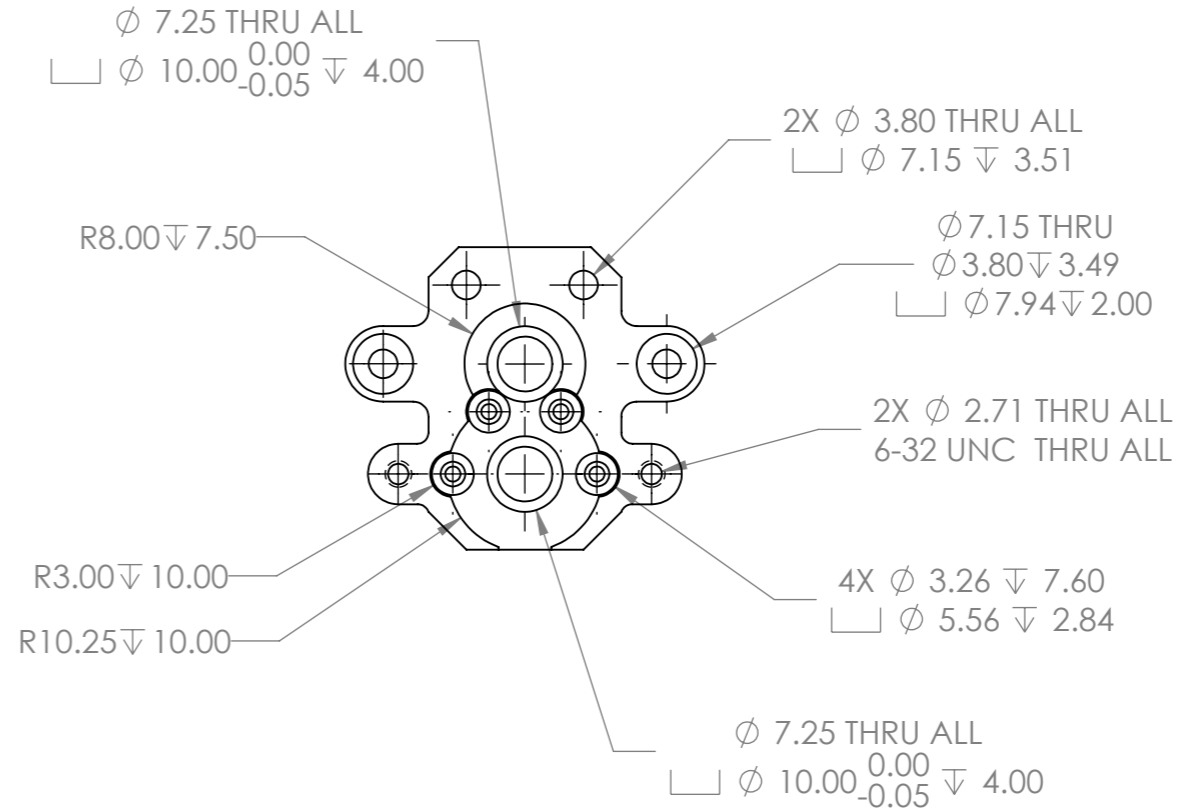
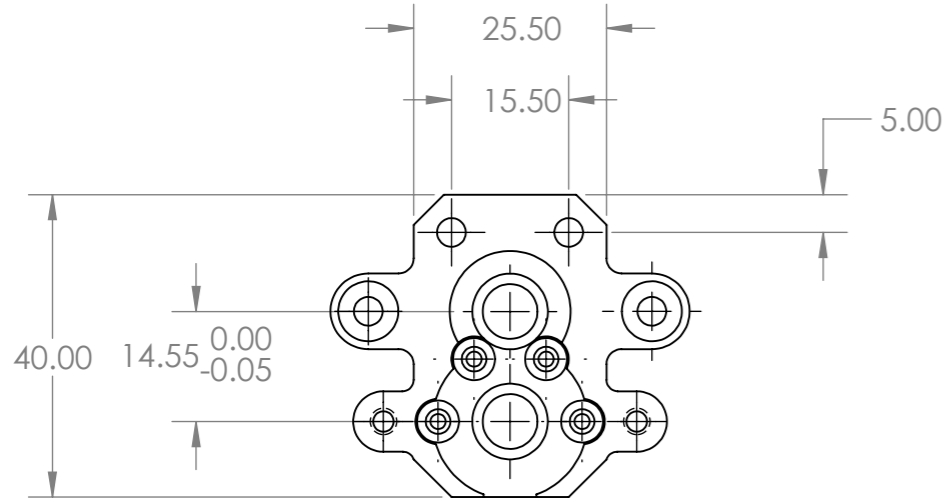
WEIGHT:

DWG NO.

SCALE:1:1

SHEET 3 OF 8

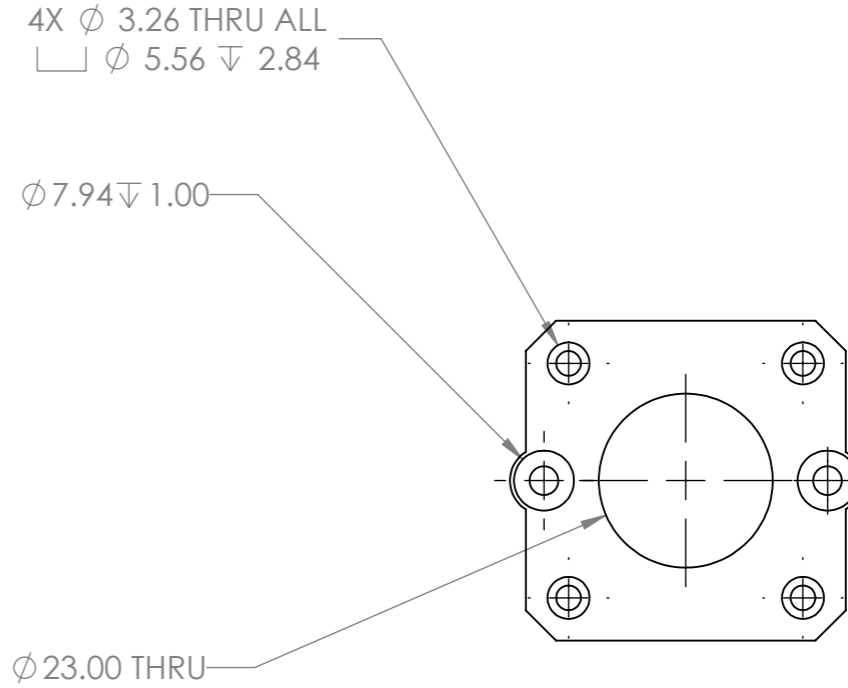
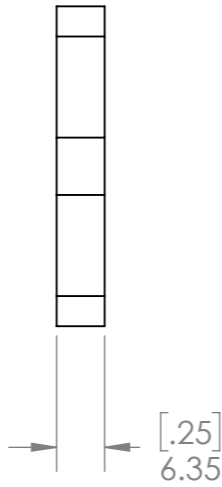
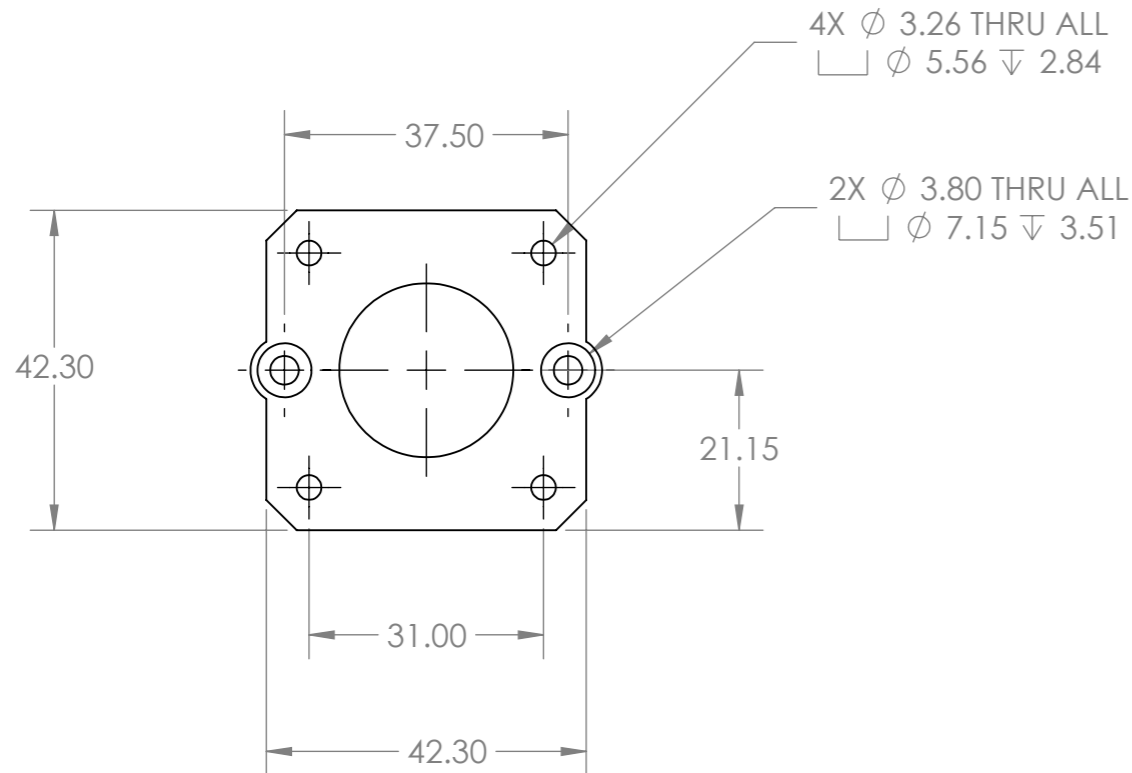
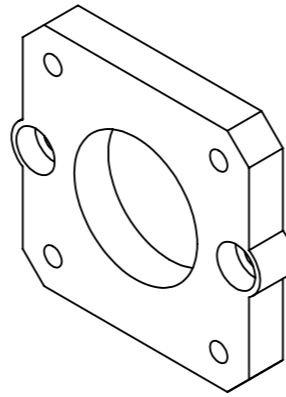
**Gear Box bottom**  
**Material : 316 stainless steel**



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:			FINISH:		DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION		
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Q.A						MATERIAL:		DWG NO.		A3	
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**Motor Plate**  
**Material : Aluminum**



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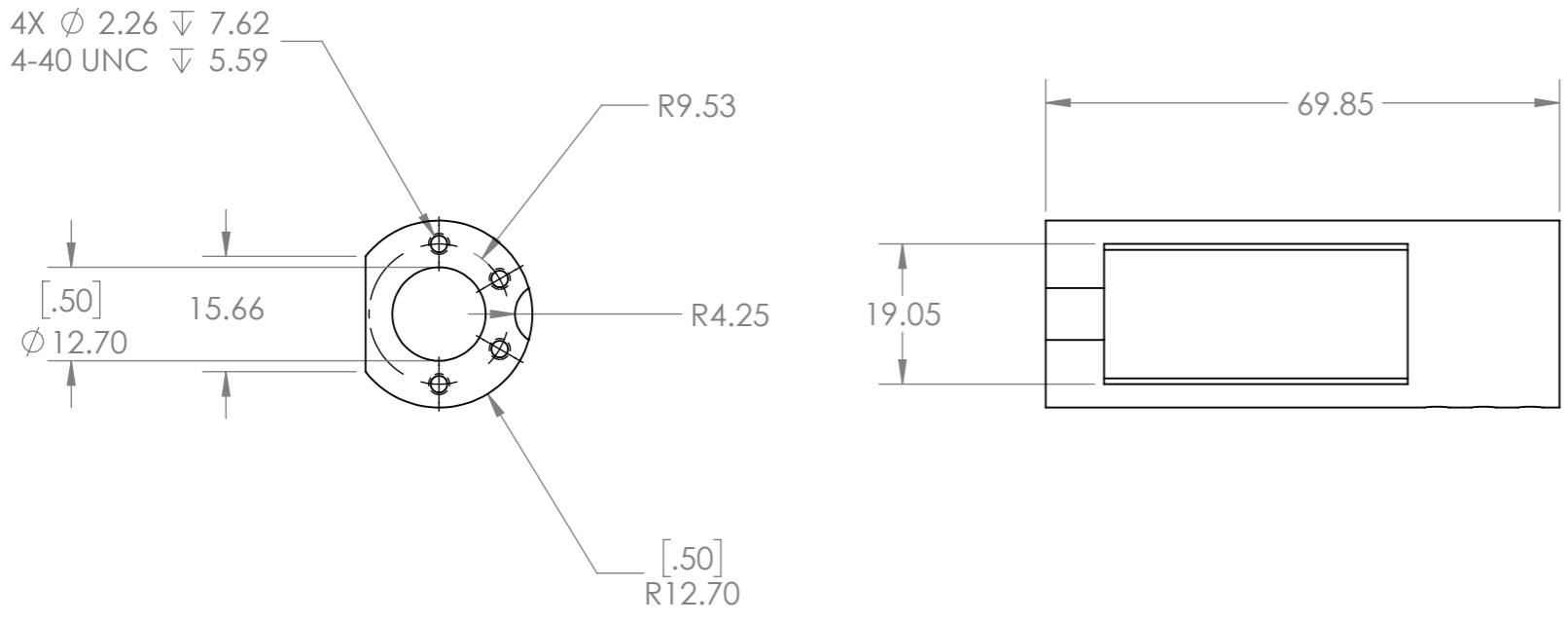
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										SHEET 5 OF 8	

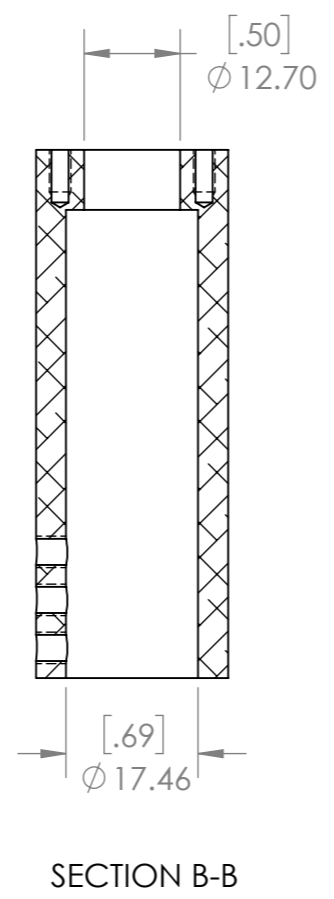
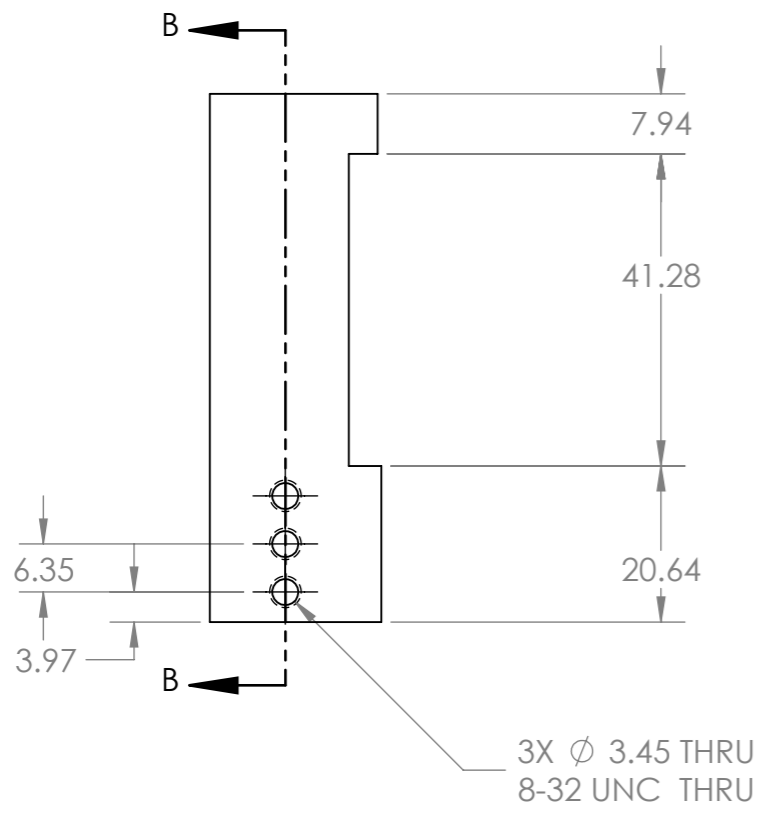
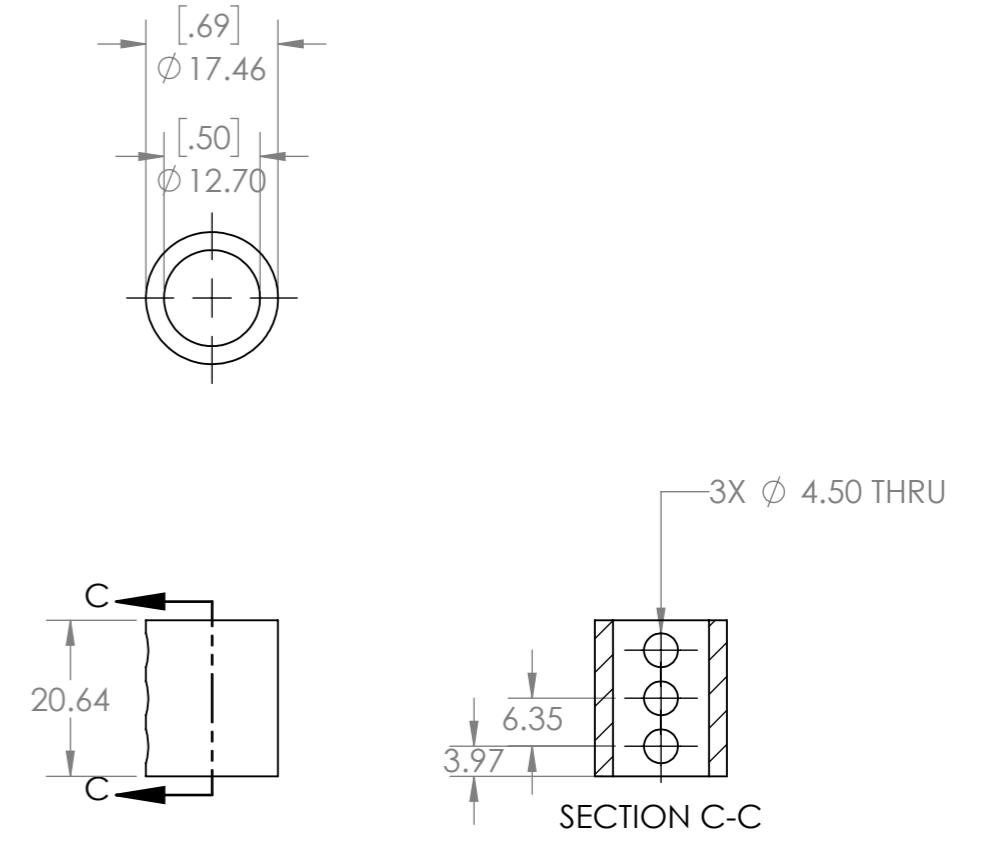
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**Mount tube**  
Material : Aluminum



**Mount tube Bush**  
Material : Aluminum



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FINISH:		DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
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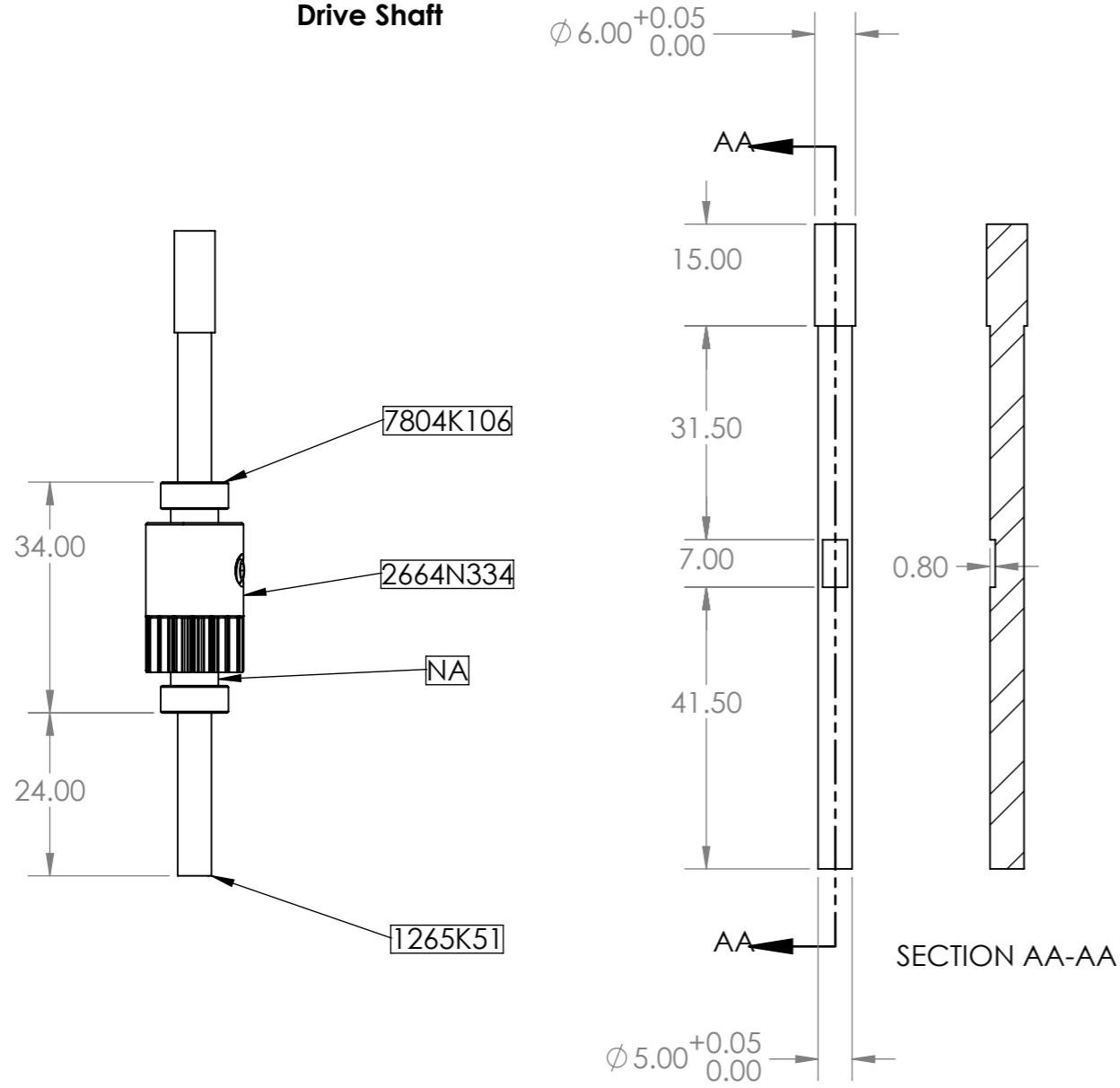
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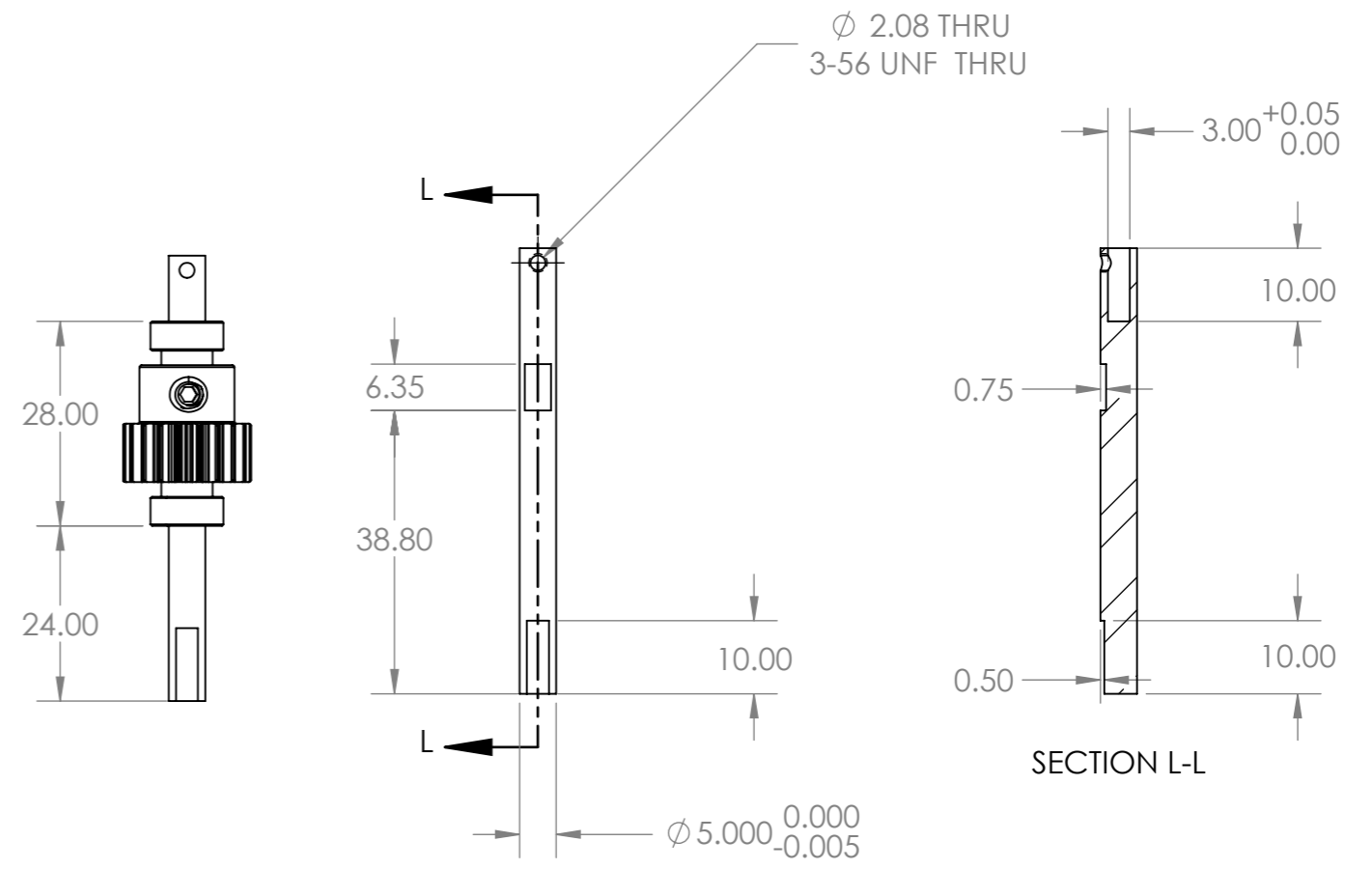
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**Drive Shaft**

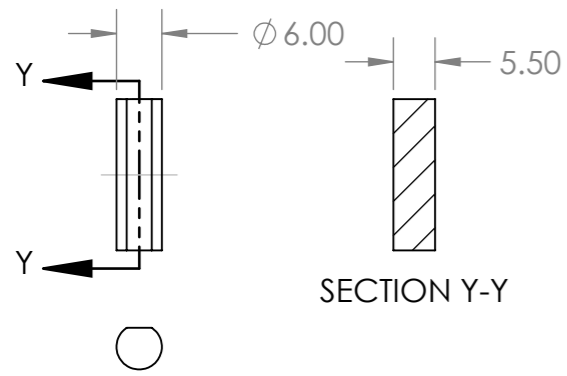


**Driven Shaft**



**Shaft bearing : Press fit**  
**Bearing - Housing : Transition fit**  
**Gear-Shaft : Transition fit**

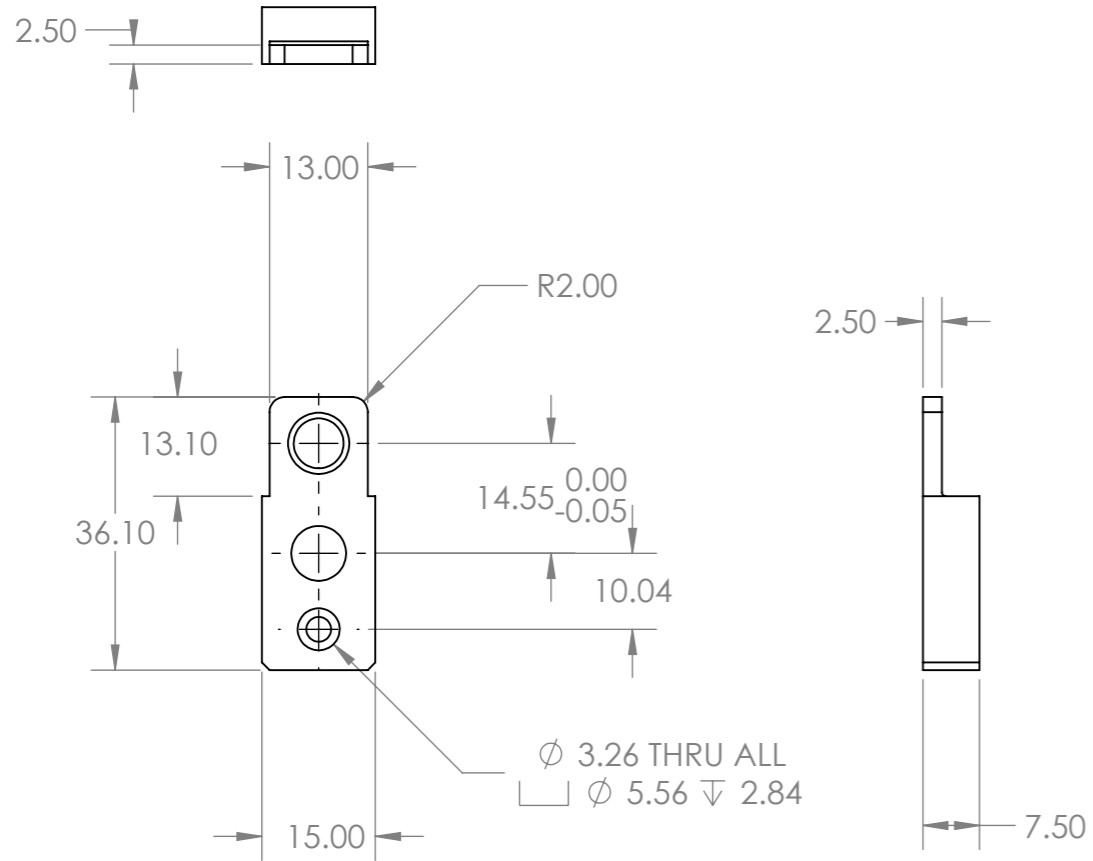
**6mm D Shaft**



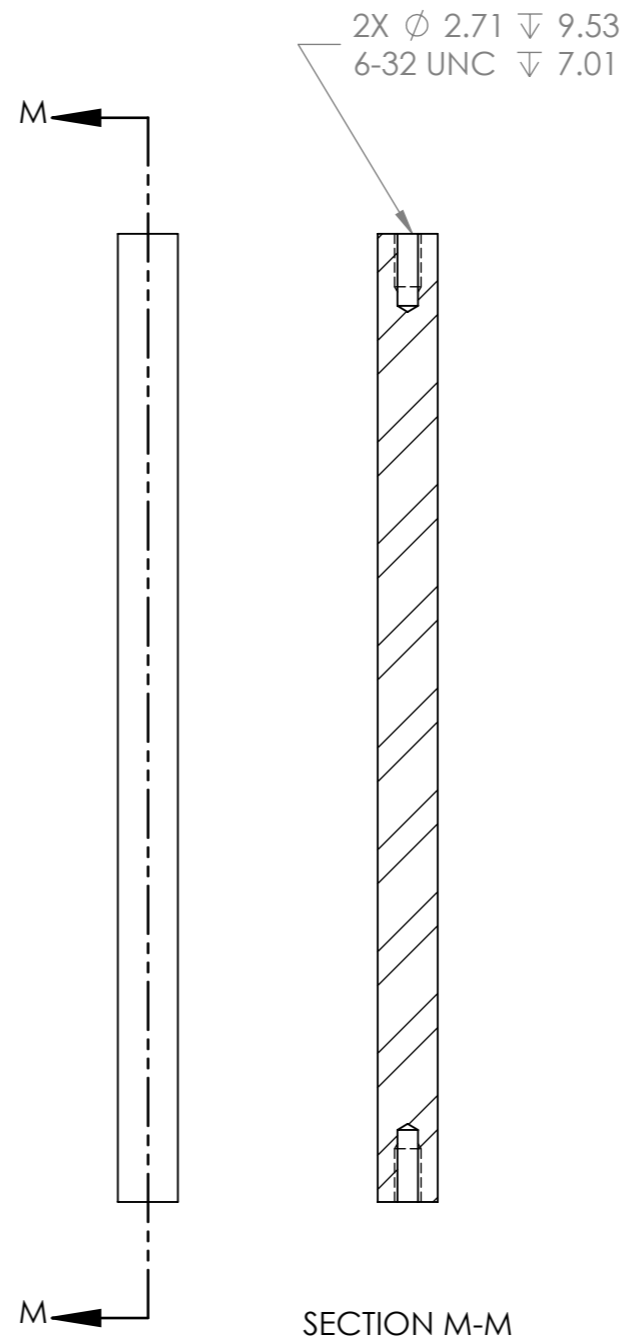
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DRAWN Vibodha Bandara				SIGNATURE		DATE 1/13/2023		TITLE:			
CHK'D				APPV'D		MFG		DWG NO.			
Q.A				MATERIAL:		WEIGHT:		SCALE:1:1		SHEET 7 OF 8	
								Fridge Valve		A3	

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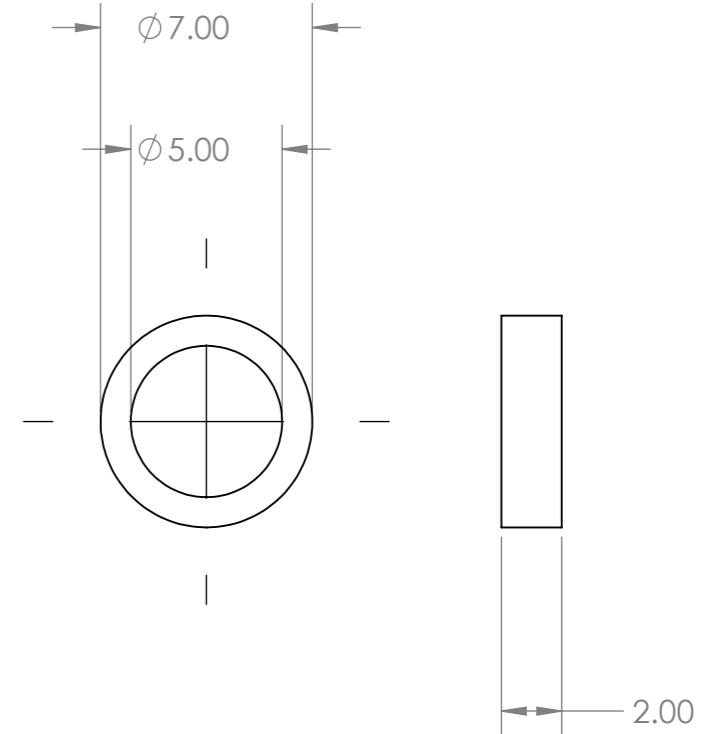
**Pot Mount**  
**Material : Aluminum**



**5/16 Rod**



**2mm shaft spacer**  
**Material : 316 stainless steel**



SECTION M-M

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS				FINISH:		DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
SURFACE FINISH:											
TOLERANCES:											
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CHK'D											
APPV'D											
MFG											
Q.A					MATERIAL:	DWG NO.				A3	
						Fridge Valve					
					WEIGHT:	SCALE:1:1				SHEET 8 OF 8	

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