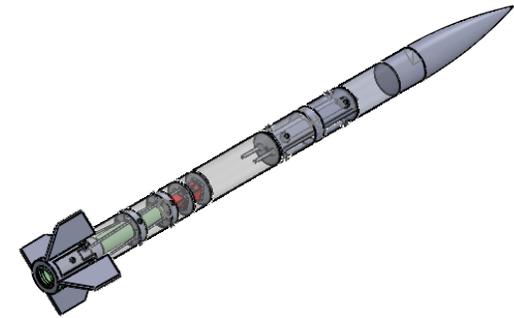


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1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Aft Mechanism	Holds Control Mechanism and I-500 Motor	1
2	Sled Assembly	Holds Av Bay and Parchute components	1
3	1/4 in Screw	Secures the mechanism to the air frame.	4



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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	Henry B	2/4/26
		TOLERANCES:	CHECKED		
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
N/A	ARC	MATERIAL			
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

TITLE:		
Full ARC Assembly		
SIZE	DWG. NO.	REV
A	Full Arc Assembly	
SCALE: 1:8	WEIGHT:	SHEET 1 OF 1

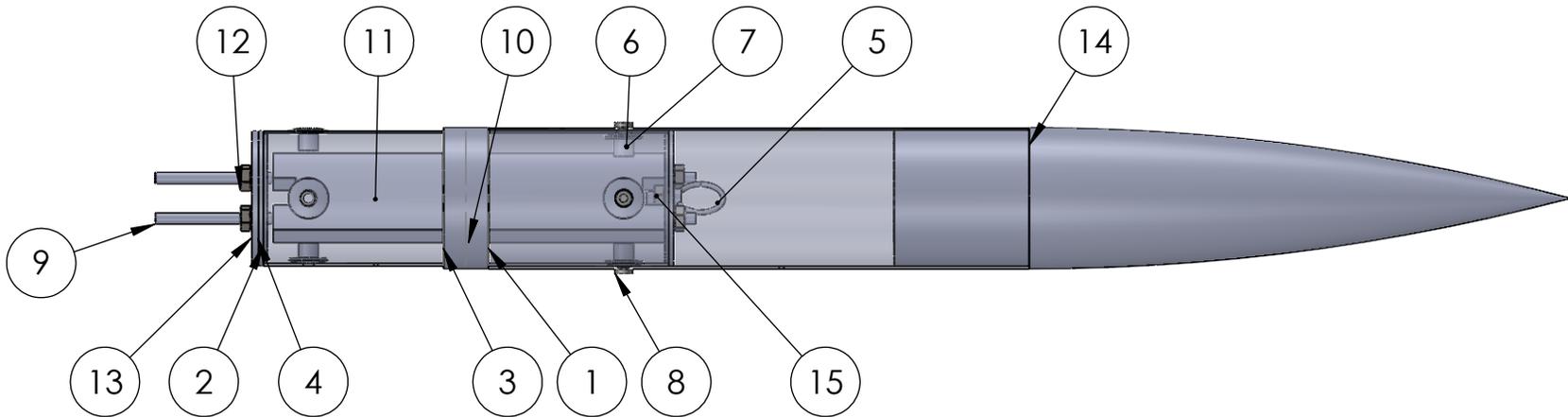
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ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	3 in diamter 12 in long tube	Upper half of the ARC. Holds part of the AV bay and Parachute.	1
2	3in diamter 9in long coupler	Holds entirety of the AV bay. Half goes into Item no. 1.	1
3	3in in diamter 1 in long switch band	Separates the AV bay from Upper and Lower halves. Will have flight on off switch.	1
4	Avionic Lid 3 inch	Top end holds eye hook and ejection charges. Bottom secures AV bay in coupler.	2
5	Eye Hook	Paracord is wrapped around the hook. Secures ARC to Parachute.	1
6	Rounded Heat Insert	Heat Inserts are set in to connect coupler to both halves of ARC.	8
7	1/4in in Heat Insert	0.25 in screw connects to the heat insert	8
8	1/4in in Screw	Connects coupler to both ends of ARC by Items 6 and 7.	4
9	1/4 in x 12 in long all thread	Clamps lids to coupler.	2
10	AV Sled	Holds flight computer and sensors.	1
11	1/4 in washer	Separates nuts from surfaces.	4
12	1/4 in Sled Nuts	Secures O-Ring Holder and Sled to All Thread.	4
13	Alignment Ring	Aligns the av bay to bottom end of rocket.	1
14	Plastic 3in Ogive	Nose cone of ARC.	1
15	5/16th Sled Nuts	Secures eye hook to AV Lid	1



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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	Henry B
		TOLERANCES:	CHECKED	2/2/26
		FRACTIONAL ±	ENG APPR.	
		ANGULAR: MACH ± BEND ±	MFG APPR.	
		TWO PLACE DECIMAL ±	Q.A.	
		THREE PLACE DECIMAL ±	COMMENTS:	
ARC Full	ARC	INTERPRET GEOMETRIC TOLERANCING PER:		
NEXT ASSY	USED ON	MATERIAL		
APPLICATION		FINISH		
		DO NOT SCALE DRAWING		

TITLE:
Sled Assembly

SIZE DWG. NO. REV
A Sled Assembly

SCALE: 1:4 WEIGHT: SHEET 1 OF 1

2

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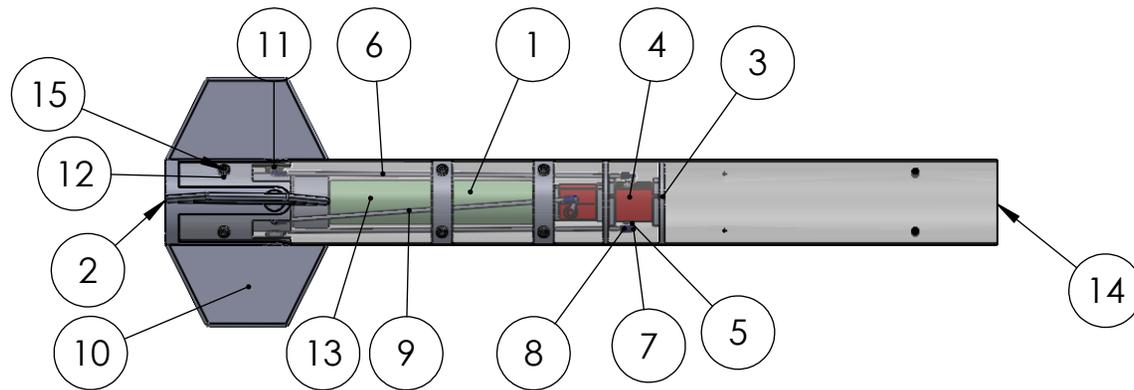
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ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	38 mm Motor Tube	Holds the I-500 Motor	1
2	Aft Insert	Holds part of Motor Tube and Fins.	1
3	Servo Holder	Holds the 4 Servos	1
4	Mechanism Servo	Servos connect to AV bay and controls fins.	4
5	Servo Horn	Connects Servo to Tie Rod Ball	4
6	13 in Push Rod	Transfers movement from upper servo to fins.	2
7	Tie Rod Ball	Connects horn and fin arm to tie rod.	8
8	Tie Rod	Connects the push rods to tie rod balls.	8
9	11 in Push Rod	Transfers movement from lower servo to fins.	2
10	Fin	Used to stabilize and control rocket.	4
11	Lower Fin Arm	Connects fin to tie rod ball.	4
12	1/4 in Heat Insert	Adapter to allow a 1/4 in screw to connect to Aft Insert.	12
13	Motor Rings	Sesures motor tube air frame.	2
14	3.0 in Air Aft Frame	Parts are secured in the air frame.	1
15	1/4 in Screw	Secures the mechanism to the air frame.	12

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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE	TITLE: Aft Mechanism		
		DIMENSIONS ARE IN INCHES	DRAWN	Henry B			2/3/26
		TOLERANCES:	CHECKED				
		FRACTIONAL ±	ENG APPR.				
		ANGULAR: MACH ± BEND ±	MFG APPR.				
		TWO PLACE DECIMAL ±	Q.A.				
		THREE PLACE DECIMAL ±	COMMENTS:				
		INTERPRET GEOMETRIC TOLERANCING PER:			SIZE	DWG. NO.	
		MATERIAL			A	Aft Mechanism	
		FINISH			REV		
ARC	ARC						
NEXT ASSY	USED ON						
APPLICATION		DO NOT SCALE DRAWING		SCALE: 1:12 WEIGHT:		SHEET 1 OF 1	

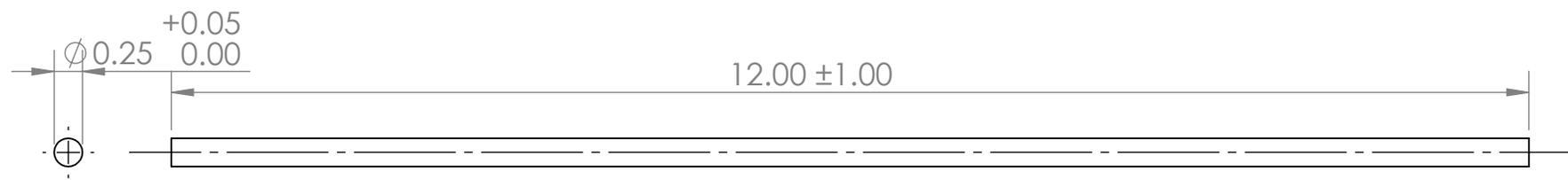
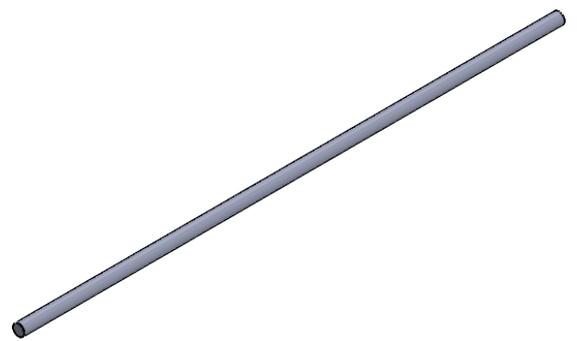
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	AJ G	2/1/26
		TOLERANCES:	CHECKED	Henry B	2/1/26
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
Sled	ARC	MATERIAL: Aluminum			
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

TITLE:		
0.25in Long All Thread		
SIZE	DWG. NO.	REV
A	0.25 in 12 in long all thread	
SCALE: 1:1.5		WEIGHT: SHEET 1 OF 1

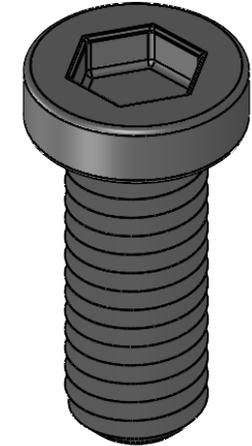
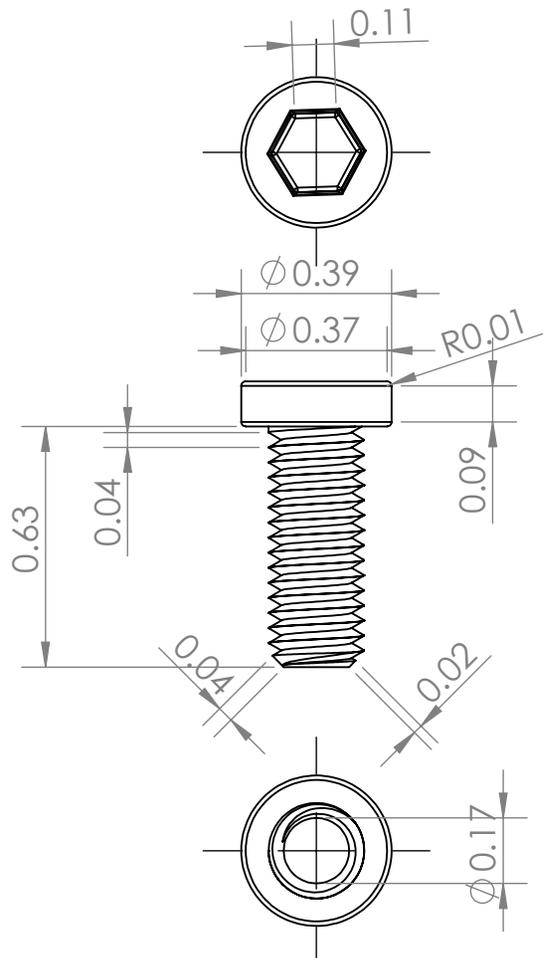
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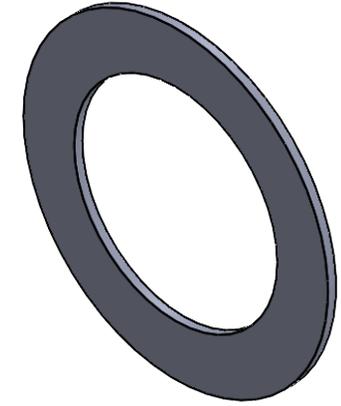
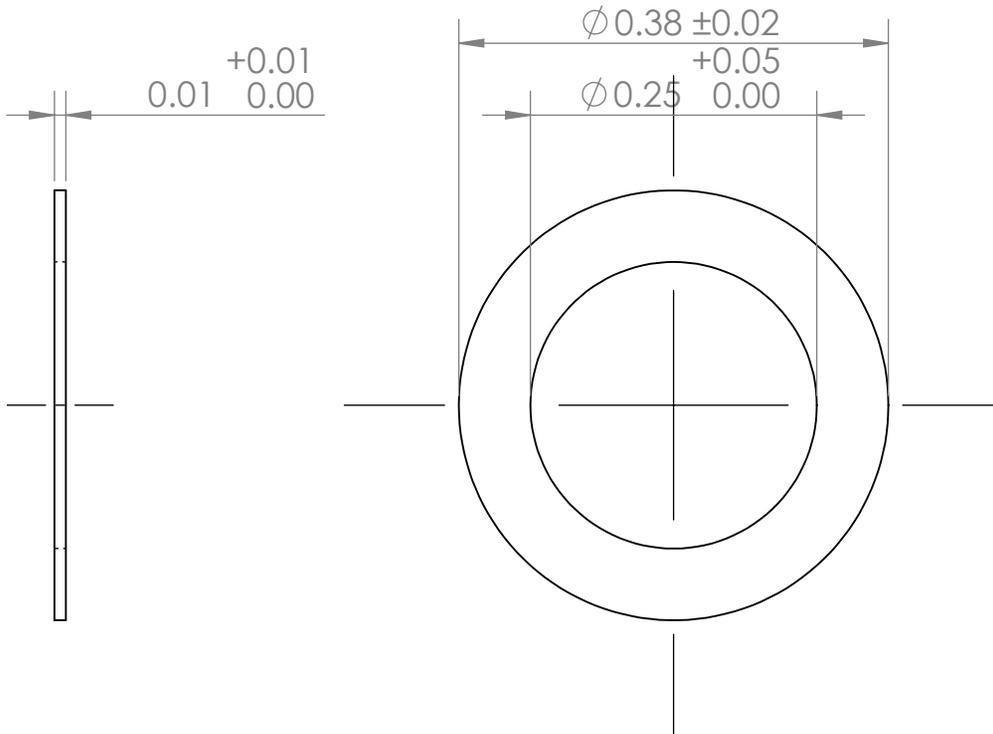
		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	Henry B	11/20/25
		TOLERANCES: ±0.01	CHECKED		
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS: Obtained part through GrabCad. Credit: Carlos Lopez		
		INTERPRET GEOMETRIC TOLERANCING PER:			
Full ARC	ARC	MATERIAL			
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

TITLE: 1/4 in Screw		
SIZE	DWG. NO.	REV
A	0.25 in Screw	
SCALE: 4:1	WEIGHT:	SHEET 1 OF 1

2

1

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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE	TITLE: 0.25in Washer		
		DIMENSIONS ARE IN INCHES	DRAWN	AJ G			2/1/26
		TOLERANCES:	CHECKED	Henry B			2/1/26
		FRACTIONAL ±	ENG APPR.				
		ANGULAR: MACH ± BEND ±	MFG APPR.				
		TWO PLACE DECIMAL ±	Q.A.				
		THREE PLACE DECIMAL ±	COMMENTS:				
		INTERPRET GEOMETRIC TOLERANCING PER:			SIZE	DWG. NO.	REV
		MATERIAL: Aluminum			A	0.25 in washer	
		FINISH			SCALE: 6:1	WEIGHT:	SHEET 1 OF 1
		APPLICATION					
		DO NOT SCALE DRAWING					

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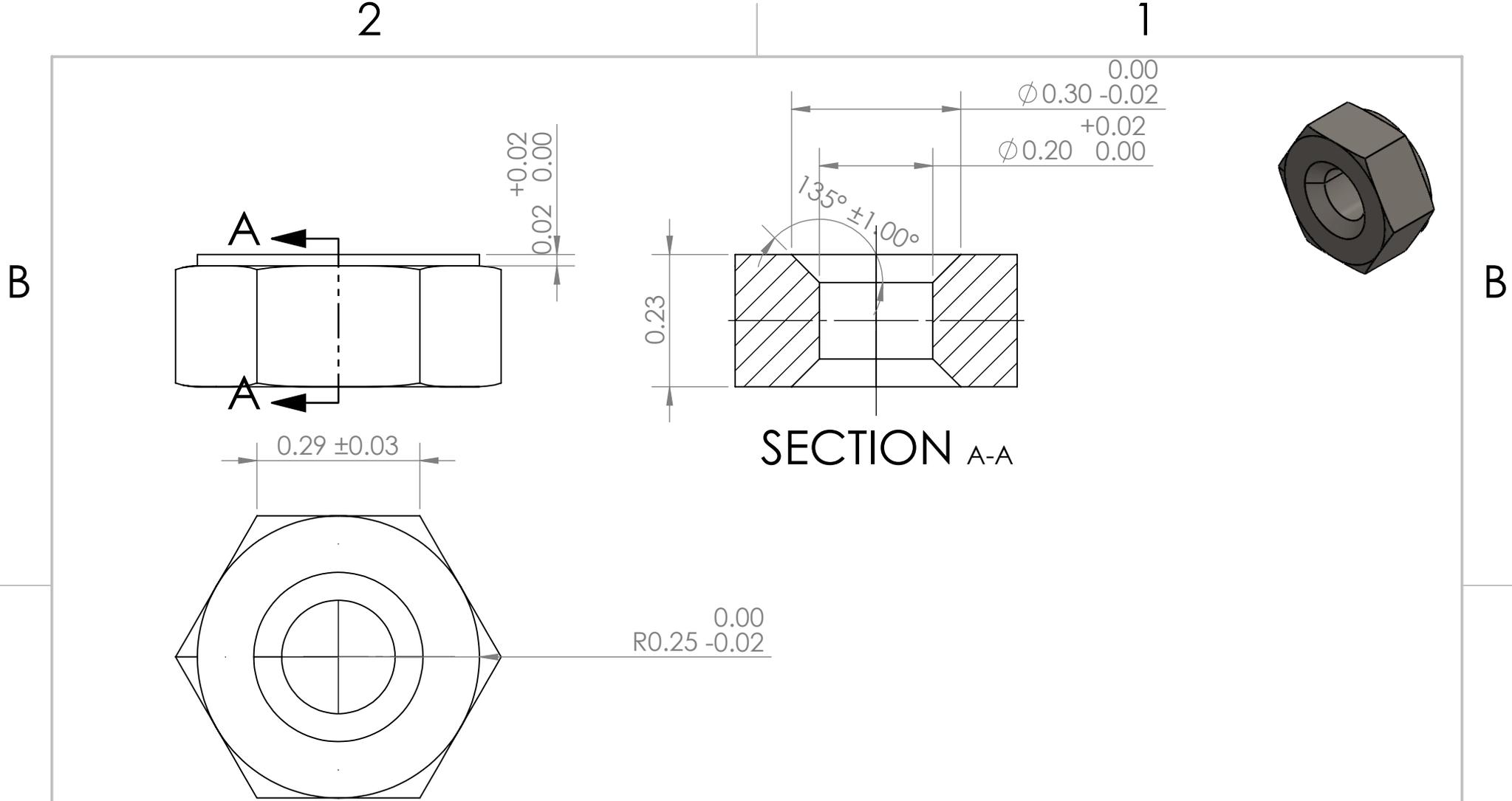
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Sled
 NEXT ASSY

ARC
 USED ON

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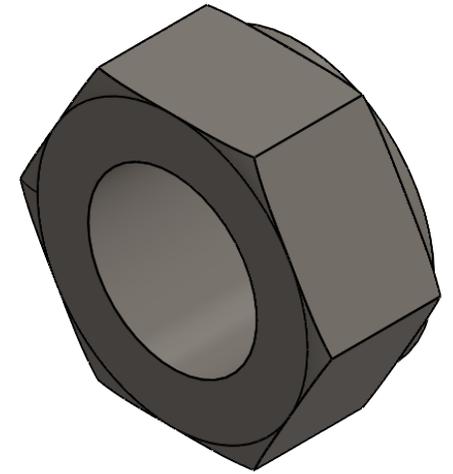
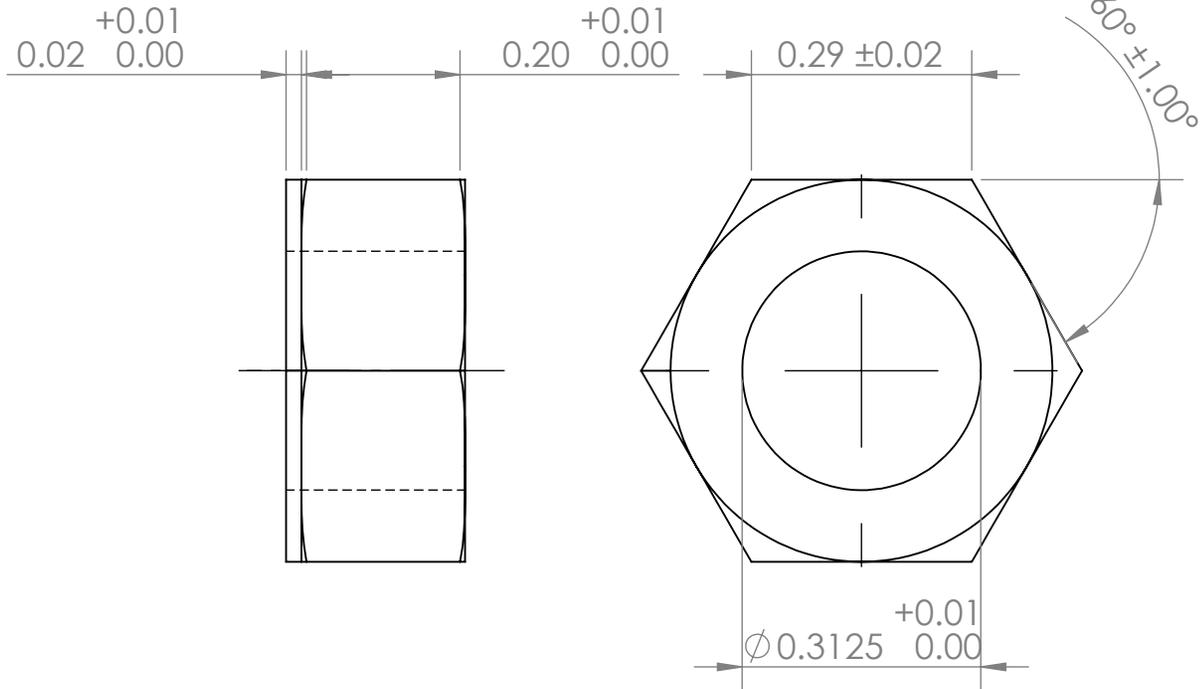
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	Henry B	12/1/25
		TOLERANCES:	CHECKED		
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS: Already own bolts from previous projects. It will go on the all thread. Does not have thread since it is used as a place holder. Obtained file from Grab CAD user James Gray.		
		INTERPRET GEOMETRIC TOLERANCING PER:			
	Sled	MATERIAL			
	NEXT ASSY	FINISH			
		ARC			
		USED ON			
	APPLICATION	DO NOT SCALE DRAWING			

TITLE:
1/4 in Heavy Hex Nut

SIZE	DWG. NO.	REV
A	0.2500in without Thread	
SCALE: 4:1	WEIGHT:	SHEET 1 OF 1

B



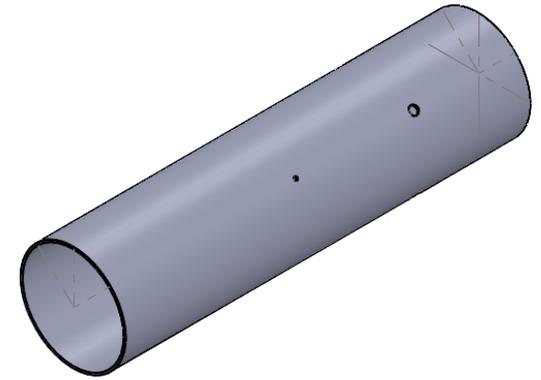
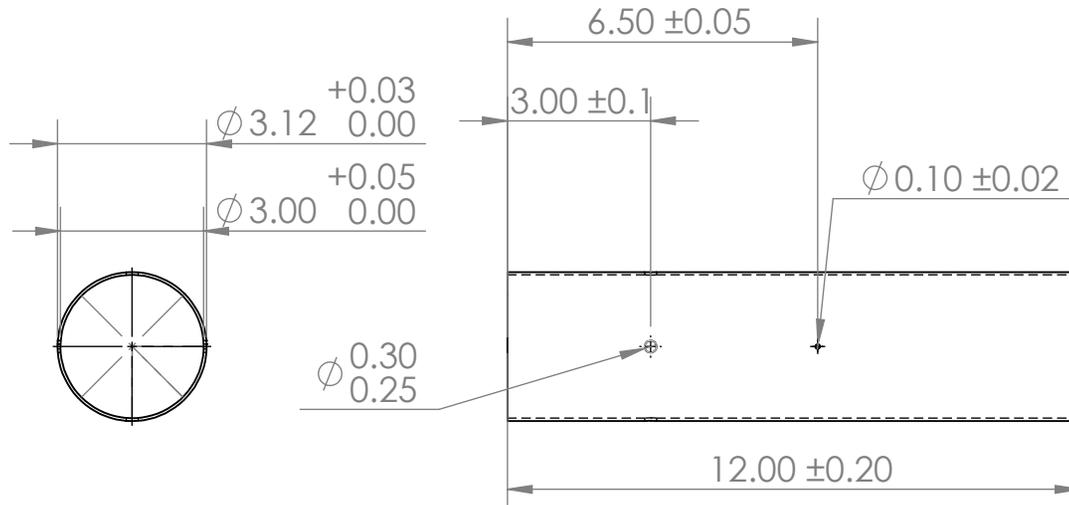
B

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: 5/16 Nut			
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL \pm ANGULAR: MACH \pm BEND \pm TWO PLACE DECIMAL \pm THREE PLACE DECIMAL \pm		DRAWN	Henry B			2/2/26	
		INTERPRET GEOMETRIC TOLERANCING PER:		CHECKED					
		MATERIAL: Stainless Steel		ENG APPR.					
		FINISH		MFG APPR.					
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APPLICATION		NEXT ASSY	USED ON	COMMENTS:					
DO NOT SCALE DRAWING					SCALE: 4:1	WEIGHT:	SHEET 1 OF 1		

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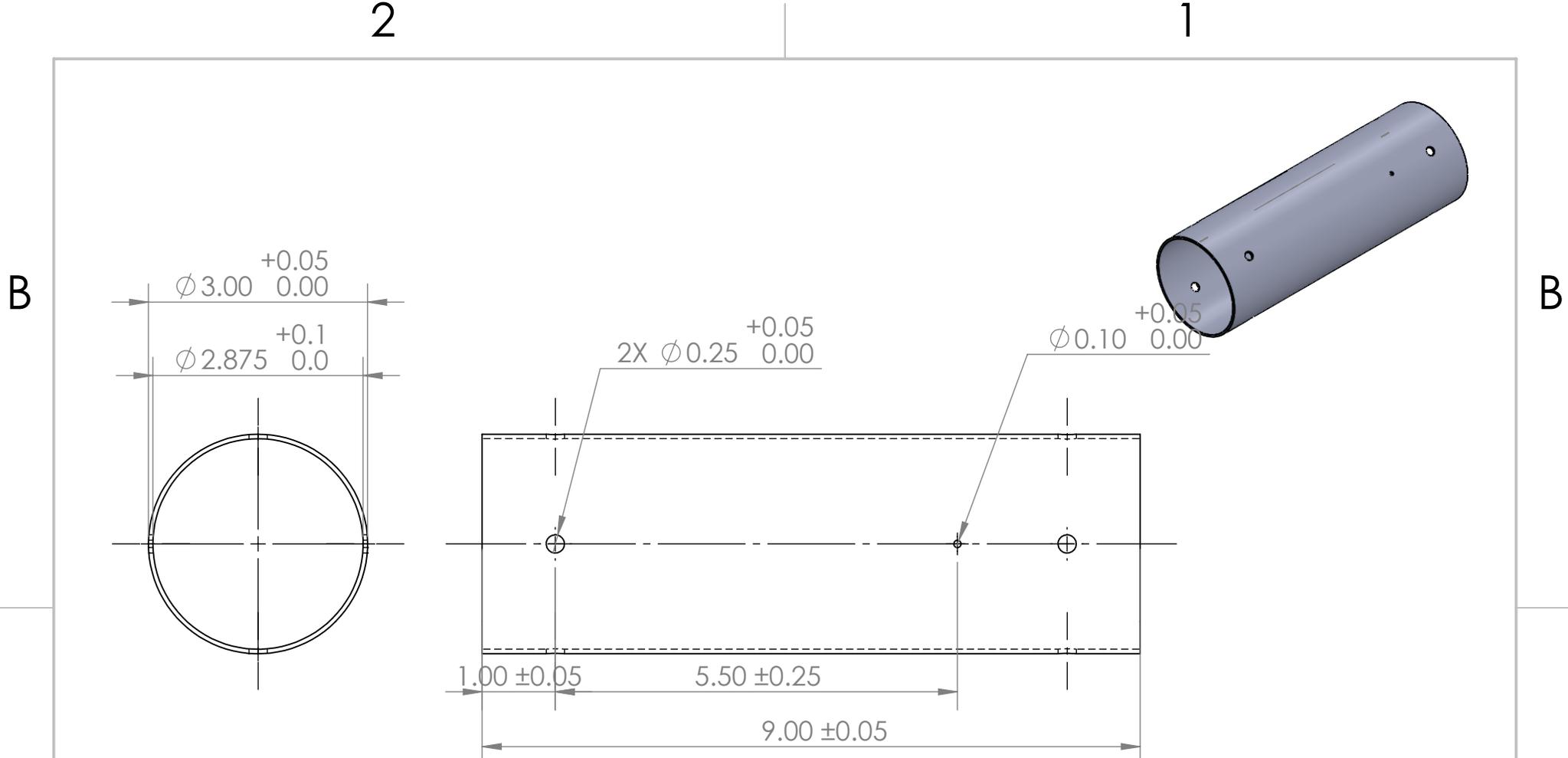
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: 3 in Diameter 12 in Long Fuselage		
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±		DRAWN	AJG			2/1/26
				CHECKED	Henry B			2/1/26
				ENG APPR.				
				MFG APPR.				
		INTERPRET GEOMETRIC TOLERANCING PER:		Q.A.			SIZE DWG. NO. REV A 3 in diamter 12 in long tube SCALE: 1:4 WEIGHT: SHEET 1 OF 1	
		MATERIAL: G12 Fiber Glass		COMMENTS:				
Sled		ARC						
NEXT ASSY		USED ON						
APPLICATION		DO NOT SCALE DRAWING						

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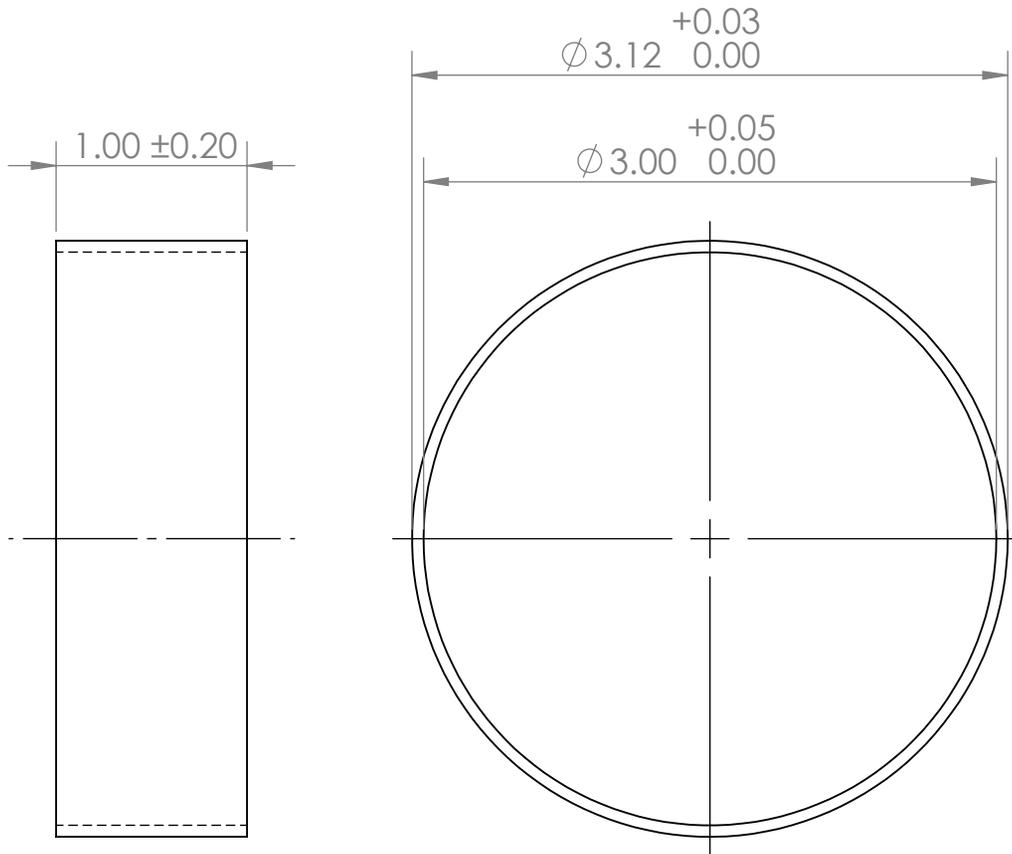
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	AJG	2/1/26
		TOLERANCES:	CHECKED	Henry B	2/1/26
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
Sled	ARC	MATERIAL: G12 Fiber Glass			
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

TITLE: 3in Diamter 9in Long Coupler		
SIZE A	DWG. NO. 3in diamter 9in long coupler	REV
SCALE: 1:2	WEIGHT:	SHEET 1 OF 1

B



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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: 3in Diameter 1in Long Switch Band
		DIMENSIONS ARE IN INCHES	DRAWN	AJ G	2/1/26	
		TOLERANCES: FRACTIONAL \pm	CHECKED	Henry B	2/1/26	
		ANGULAR: MACH \pm BEND \pm	ENG APPR.			
		TWO PLACE DECIMAL \pm	MFG APPR.			
		THREE PLACE DECIMAL \pm	Q.A.			SIZE DWG. NO. REV A 3in in diamter 1 in long switch band
	Sled	ARC	COMMENTS: Will be used to hold on and off switch for the rocket.			
	NEXT ASSY	USED ON				
	APPLICATION		DO NOT SCALE DRAWING			SCALE: 1:1 WEIGHT: SHEET 1 OF 1

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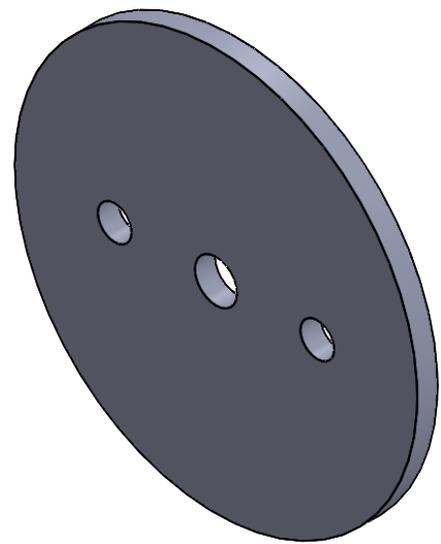
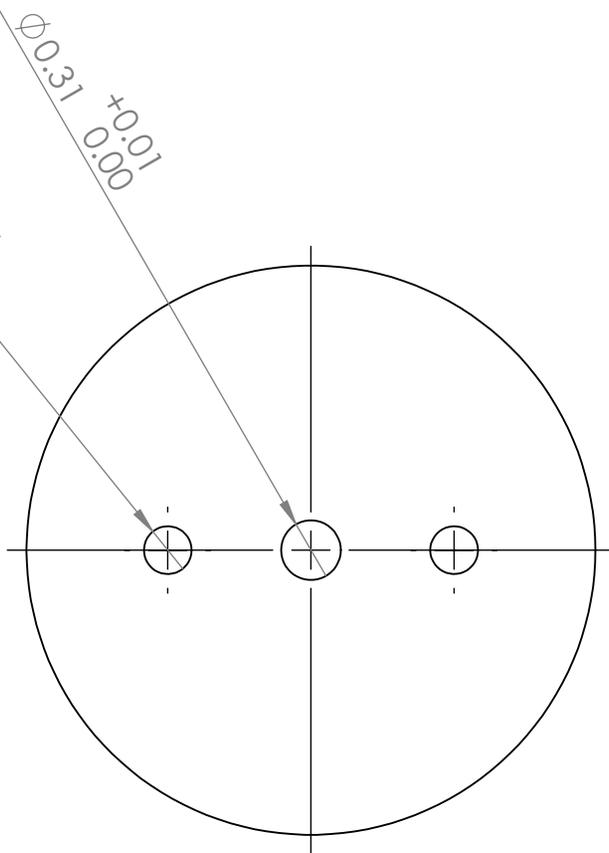
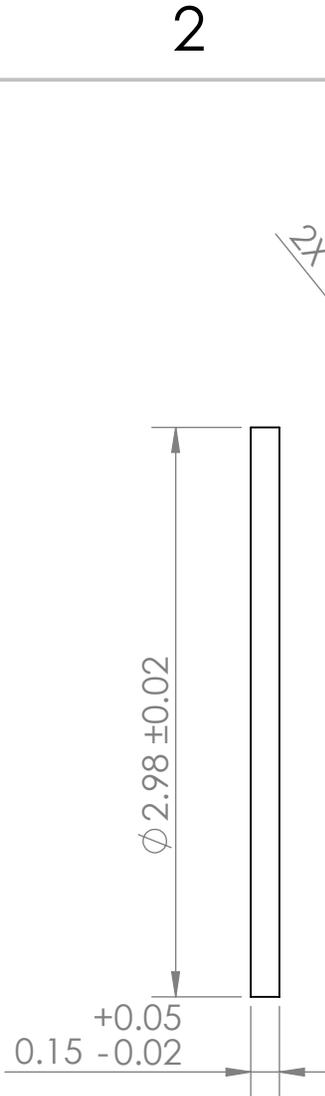
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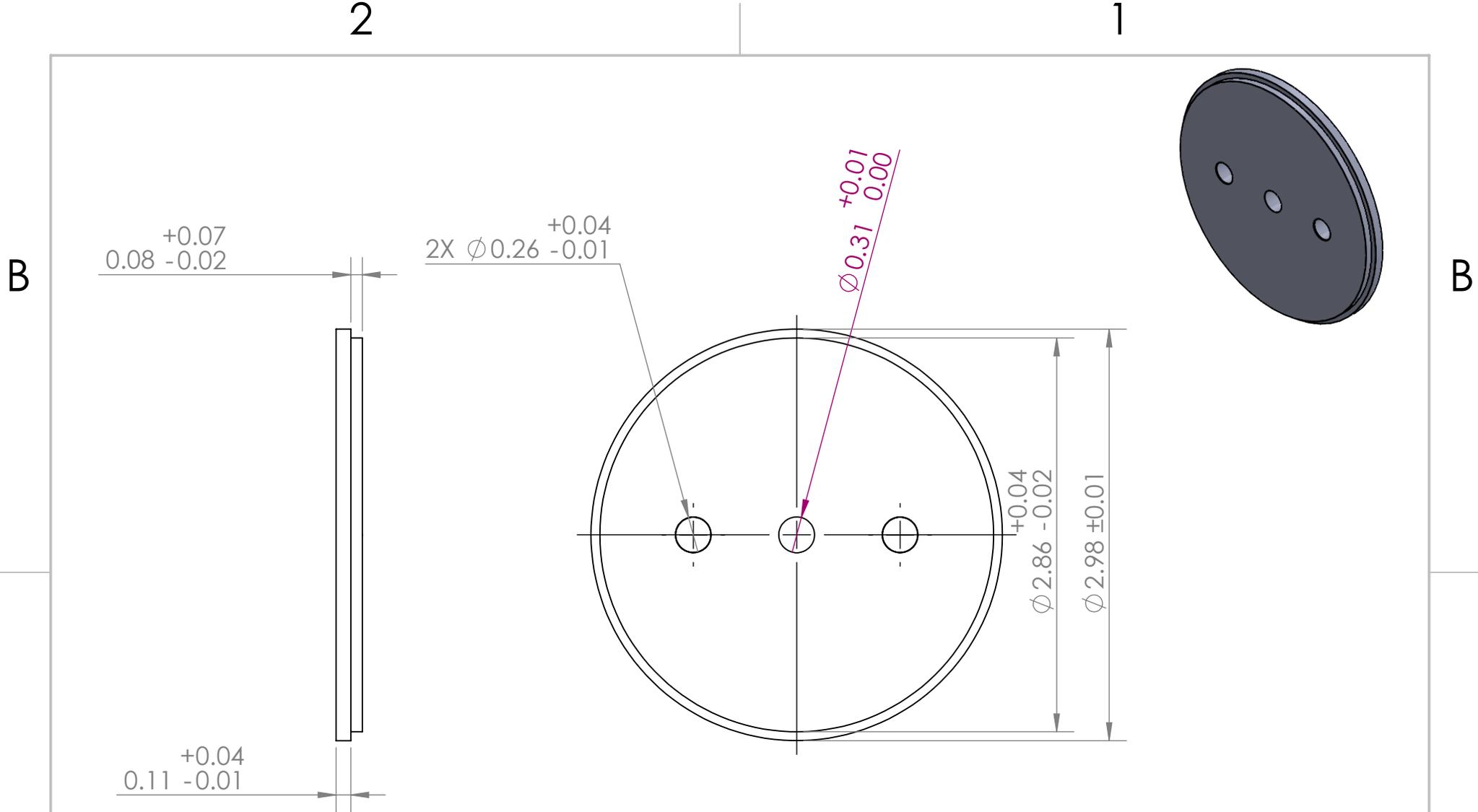
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	Henry B	2/2/26
		TOLERANCES:	CHECKED		
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS: Used to align the coupler to the rocket.		
		INTERPRET GEOMETRIC TOLERANCING PER:			
Sled	ARC	MATERIAL: PLA			
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

TITLE: Alignment Ring		
SIZE A	DWG. NO. Alignment Ring	REV
SCALE: 1:1	WEIGHT:	SHEET 1 OF 1



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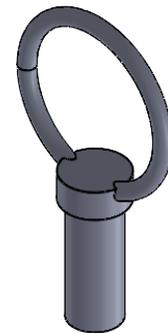
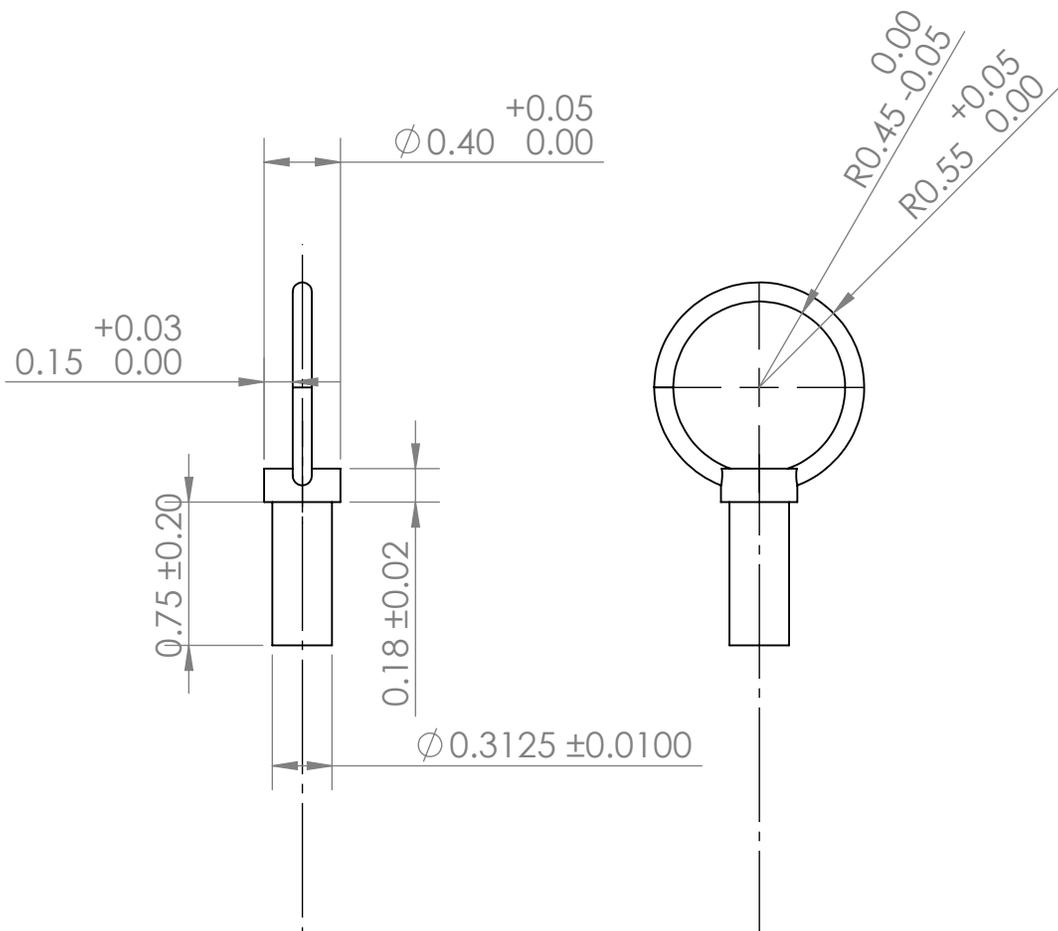
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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	Henry B
		TOLERANCES:	CHECKED	2/2/26
		FRACTIONAL ±	ENG APPR.	
		ANGULAR: MACH ± BEND ±	MFG APPR.	
		TWO PLACE DECIMAL ±	Q.A.	
		THREE PLACE DECIMAL ±	COMMENTS:	
Sled	ARC	INTERPRET GEOMETRIC TOLERANCING PER:		
NEXT ASSY	USED ON	MATERIAL: G12 Fiber Glass and Aluminum		
APPLICATION		FINISH		
		DO NOT SCALE DRAWING		

TITLE:		
Avionic Bay Lid		
SIZE	DWG. NO.	REV
A	Avionic Lid 3 inch	
SCALE: 1:1	WEIGHT:	SHEET 1 OF 1

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: Eye Hook		
		DIMENSIONS ARE IN INCHES		DRAWN	Henry B			2/1/26
		TOLERANCES:		CHECKED				
		FRACTIONAL \pm		ENG APPR.				
		ANGULAR: MACH \pm BEND \pm		MFG APPR.				
		TWO PLACE DECIMAL \pm		Q.A.				
		THREE PLACE DECIMAL \pm		COMMENTS: When attaching parachute cord, thread it through the eye hook first.		SIZE	DWG. NO.	
		INTERPRET GEOMETRIC TOLERANCING PER:				A	iHook	
		MATERIAL: Stainless Steel				SCALE: 1:1	WEIGHT:	
		FINISH				REV		
		APPLICATION		DO NOT SCALE DRAWING		SHEET 1 OF 1		
Sled		ARC						
NEXT ASSY		USED ON						

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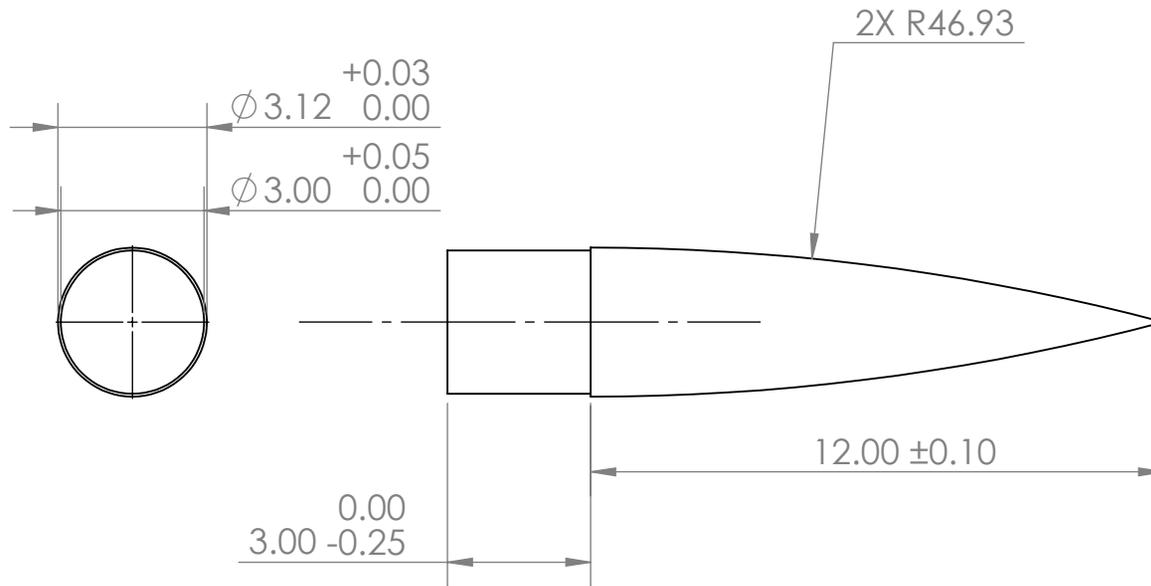
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	AJ G	2/1/26
		TOLERANCES:	CHECKED	Henry B	2/1/26
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
Sled	ARC	MATERIAL			
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

TITLE:
Plastic 3in Ogive

SIZE	DWG. NO.	REV
A	Plastic 3in Ogive	
SCALE: 1:4	WEIGHT:	SHEET 1 OF 1

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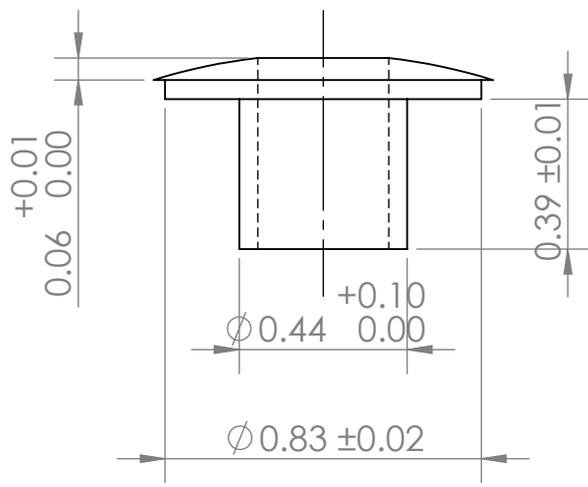
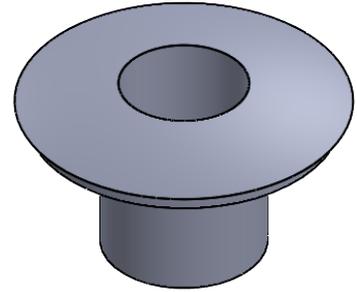
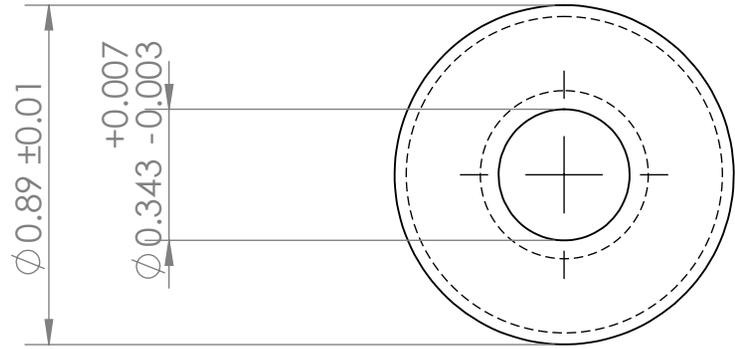
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	AJ G	2/1/26
		TOLERANCES:	CHECKED	Henry B	2/1/26
		FRACTIONAL \pm	ENG APPR.		
		ANGULAR: MACH \pm BEND \pm	MFG APPR.		
		TWO PLACE DECIMAL \pm	Q.A.		
		THREE PLACE DECIMAL \pm	COMMENTS: The Radius is 1.5 in from center		
		INTERPRET GEOMETRIC TOLERANCING PER:			
Sled	ARC	MATERIAL: PLA			
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

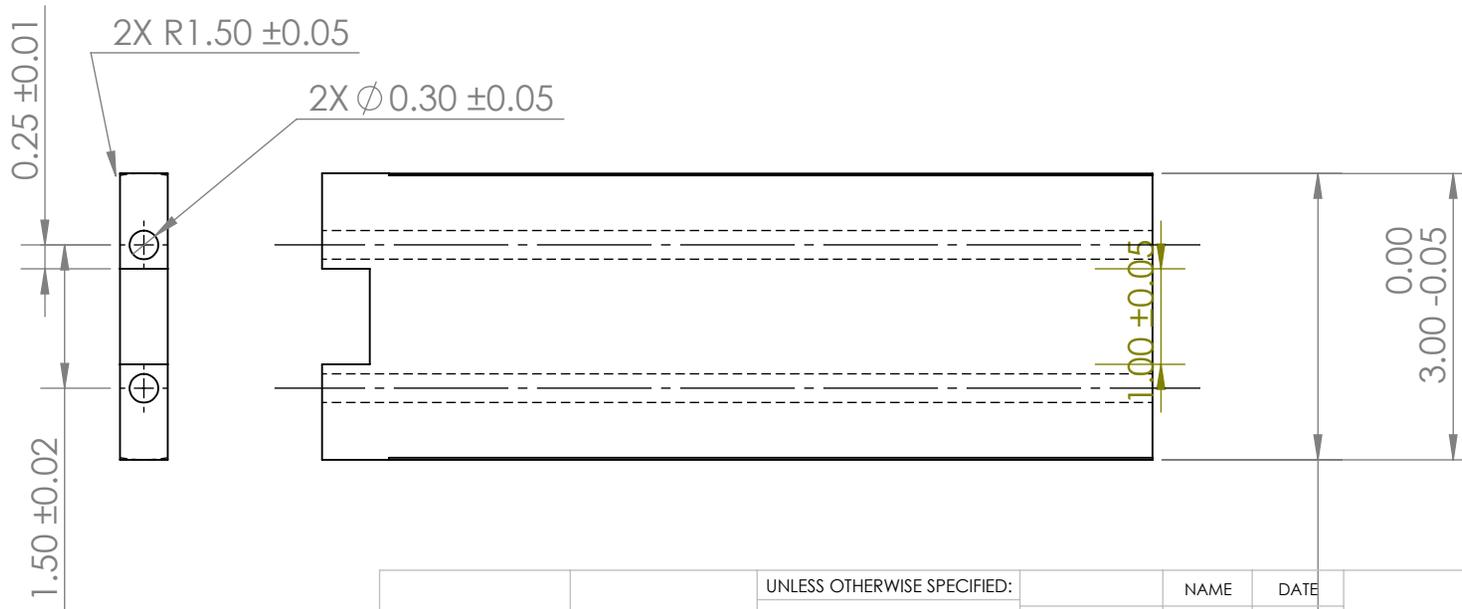
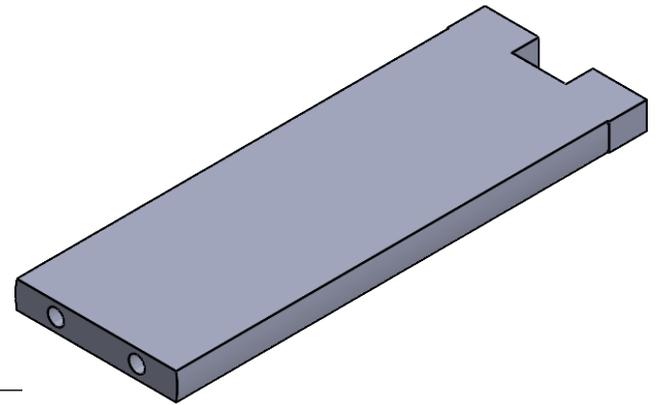
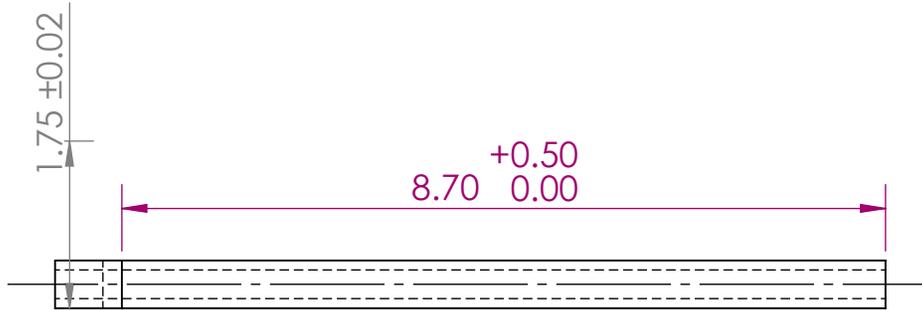
TITLE: Rounded Heat Insert		
SIZE A	DWG. NO. Updated Rounded Heat Insert	REV
SCALE: 2:1	WEIGHT:	SHEET 1 OF 1

2

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	AJ G	2/1/26
		TOLERANCES:	CHECKED	Henry B	2/1/26
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
Sled	ARC	MATERIAL: PLA			
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

Ø 3.00 ± 0.05

TITLE: 3 in Sled		
SIZE A	DWG. NO. Updated Sled 3.0	REV
SCALE: 1:2	WEIGHT:	SHEET 1 OF 1

2

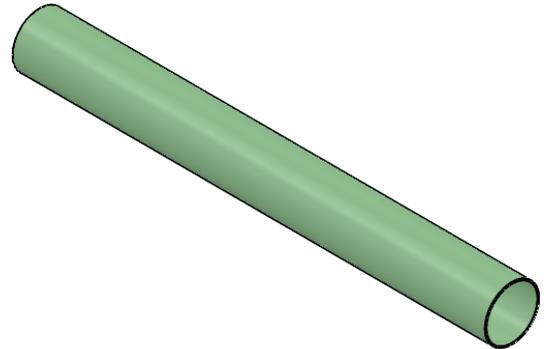
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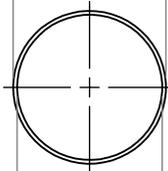
1

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$\phi 1.60$ $\begin{matrix} +0.05 \\ 0.00 \end{matrix}$



14.00 $\begin{matrix} +0.10 \\ 0.00 \end{matrix}$

$\phi 1.52$ $\begin{matrix} +0.03 \\ -0.02 \end{matrix}$

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	Henry B	2/2/26
		TOLERANCES:	CHECKED		
		FRACTIONAL \pm	ENG APPR.		
		ANGULAR: MACH \pm BEND \pm	MFG APPR.		
		TWO PLACE DECIMAL \pm	Q.A.		
		THREE PLACE DECIMAL \pm	COMMENTS: Holds the I-500 Motor (Friction Fit).		
		INTERPRET GEOMETRIC TOLERANCING PER:			
Control Mech	ARC	MATERIAL: G12 Fiber Glass			
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

TITLE:
38 mm Motor Tube

SIZE	DWG. NO.	REV
A	38 mm motor tube	
SCALE: 1:2	WEIGHT:	SHEET 1 OF 1

2

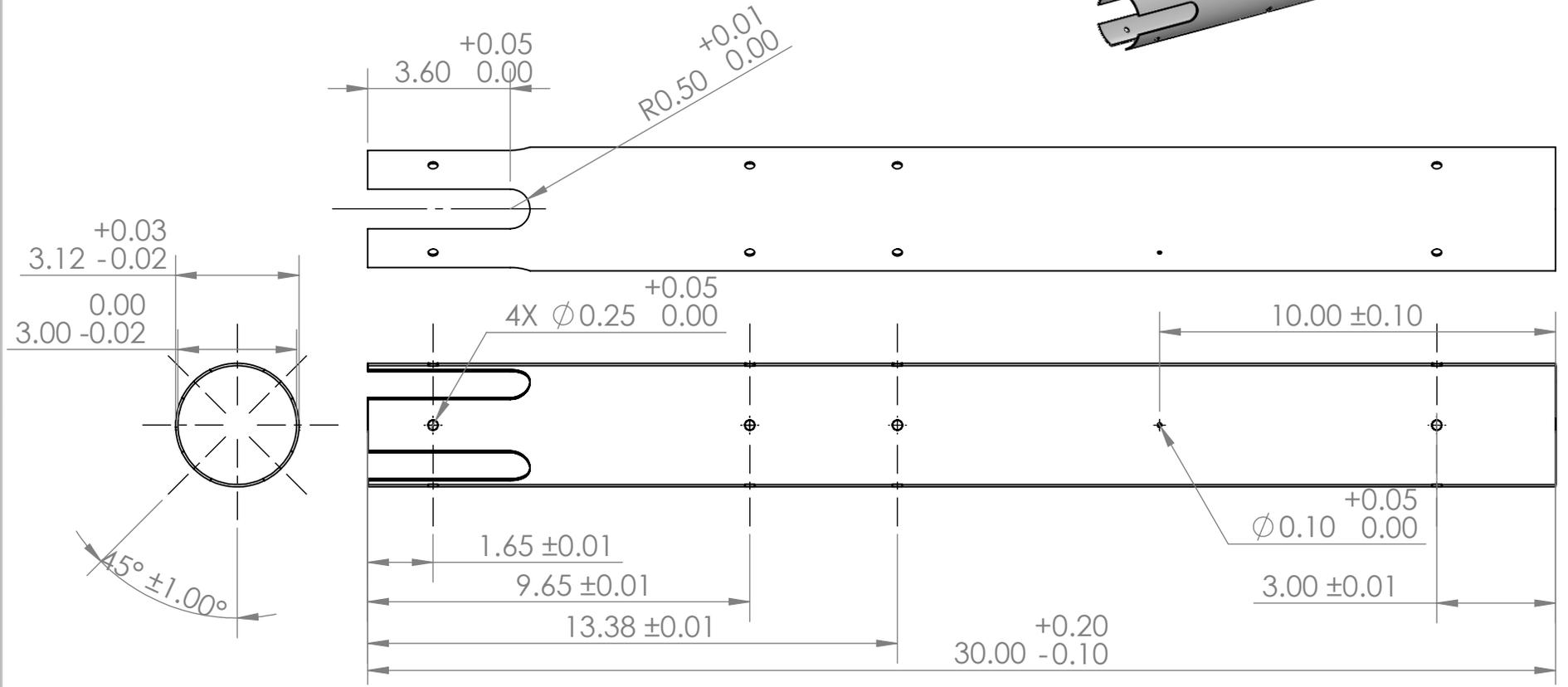
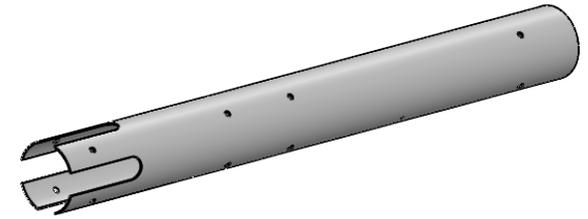
1

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	Henry B	2/2/26
		TOLERANCES:	CHECKED		
		FRACTIONAL \pm	ENG APPR.		
		ANGULAR: MACH \pm BEND \pm	MFG APPR.		
		TWO PLACE DECIMAL \pm	Q.A.		
		THREE PLACE DECIMAL \pm	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
Aft Mech	ARC	MATERIAL: G12 Fiber Glass			
NEXT ASSY	USED ON	FINISH			
		APPLICATION			
		DO NOT SCALE DRAWING			

TITLE:
3 in Aft Air Frame

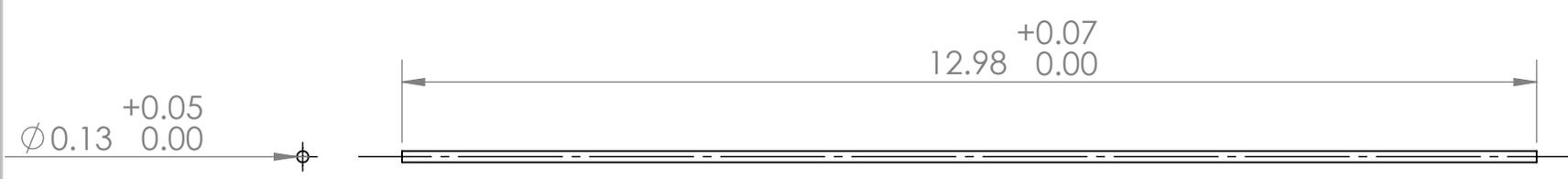
SIZE	DWG. NO.	REV
A	3.0 in Air Aft Frame with Holes	
SCALE: 1:4	WEIGHT:	SHEET 1 OF 1

2

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	Henry B	2/2/26
		TOLERANCES:	CHECKED		
		FRACTIONAL \pm	ENG APPR.		
		ANGULAR: MACH \pm BEND \pm	MFG APPR.		
		TWO PLACE DECIMAL \pm	Q.A.		
		THREE PLACE DECIMAL \pm	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
Control Mech	ARC	MATERIAL: Stainless Steel			
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

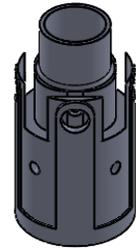
TITLE:		
13 in Control Rod		
SIZE	DWG. NO.	REV
A	13 inch push rod	
SCALE: 1:4	WEIGHT:	SHEET 1 OF 1

2

1

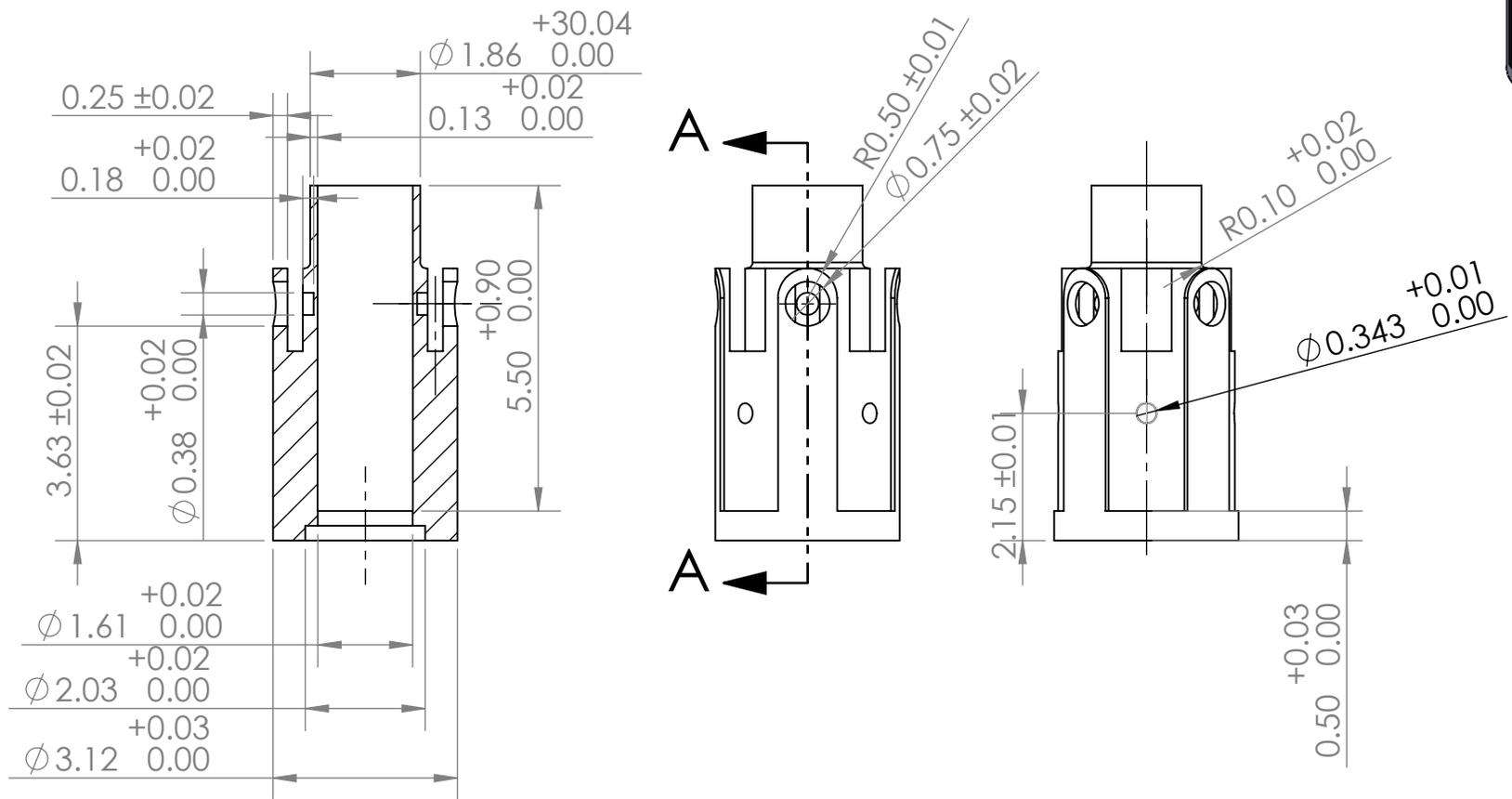
SECTION A-A

SCALE 1 : 3



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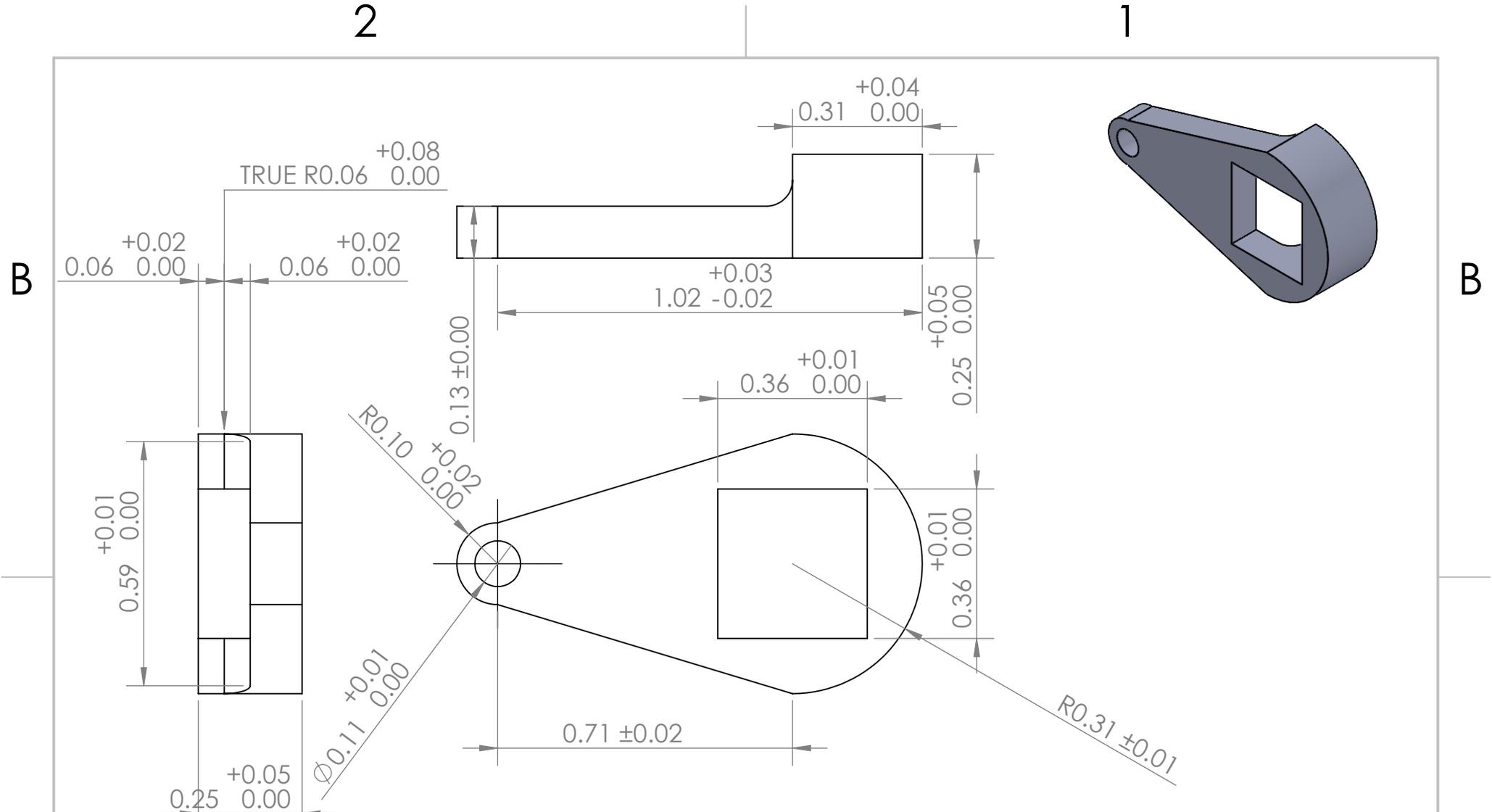
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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	Henry B
		TOLERANCES:	CHECKED	2/3/26
		FRACTIONAL ±	ENG APPR.	
		ANGULAR: MACH ± BEND ±	MFG APPR.	
		TWO PLACE DECIMAL ±	Q.A.	
		THREE PLACE DECIMAL ±	COMMENTS:	
		INTERPRET GEOMETRIC TOLERANCING PER:		
Control Mech	ARC	MATERIAL		
NEXT ASSY	USED ON	FINISH		
APPLICATION		DO NOT SCALE DRAWING		

TITLE:		
Aft Insert		
SIZE	DWG. NO.	REV
A	Aft insert	
SCALE: 1:3	WEIGHT:	SHEET 1 OF 1

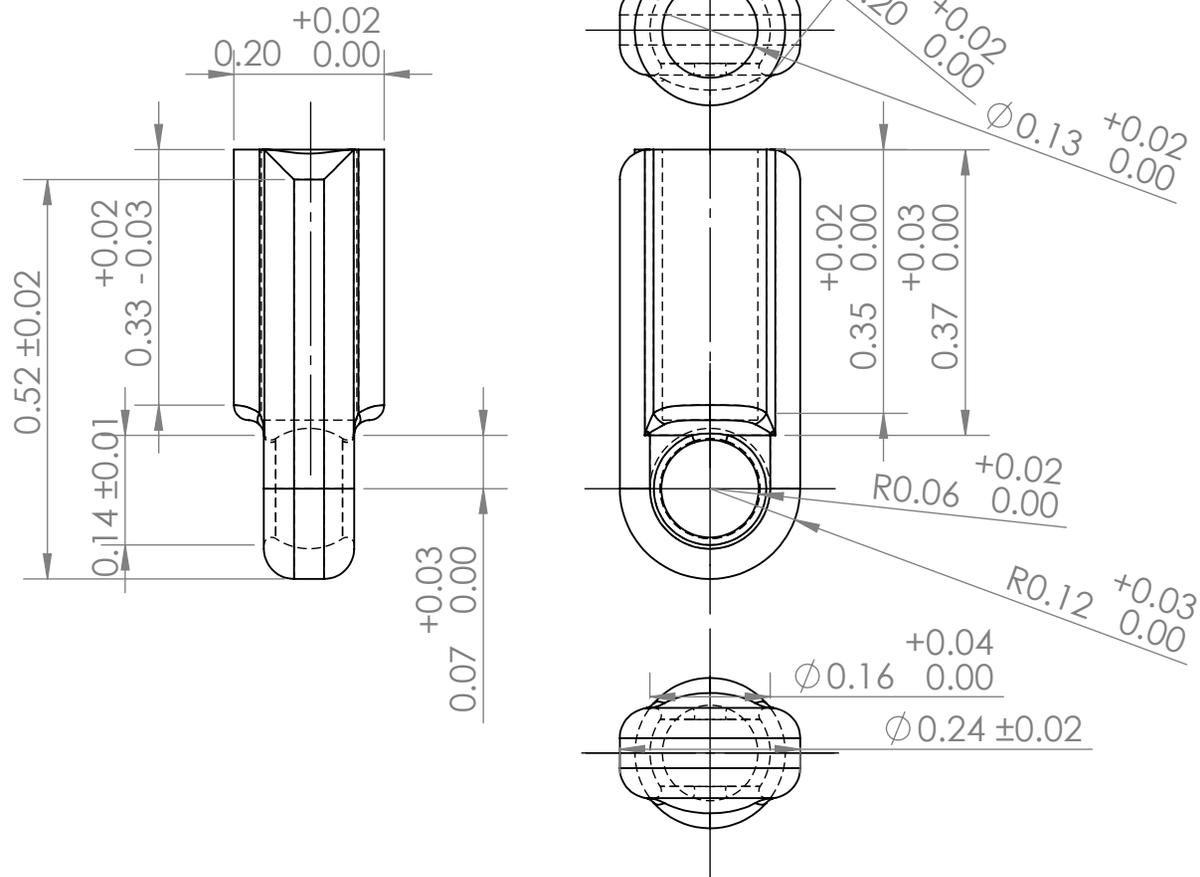
2

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		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL \pm ANGULAR: MACH \pm BEND \pm TWO PLACE DECIMAL \pm THREE PLACE DECIMAL \pm		DRAWN	Henry B		2/2/26	
INTERPRET GEOMETRIC TOLERANCING PER:		CHECKED						
Control Mech	ARC	MATERIAL	ENG APPR.					
NEXT ASSY	USED ON	FINISH	MFG APPR.					
APPLICATION		DO NOT SCALE DRAWING	Q.A.			SIZE	DWG. NO.	REV
			COMMENTS:			A	Lower fin arm	
						SCALE: 4:1	WEIGHT:	SHEET 1 OF 1

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	Henry B	2/2/26
		TOLERANCES:	CHECKED		
		FRACTIONAL ± 0.04	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
Control Mech	ARC	INTERPRET GEOMETRIC TOLERANCING PER:			
NEXT ASSY	USED ON	MATERIAL: Aluminum			
		FINISH			
		APPLICATION			
		DO NOT SCALE DRAWING			

TITLE:

Control Tie Rod

SIZE

DWG. NO.

REV

A

M3 Tierod

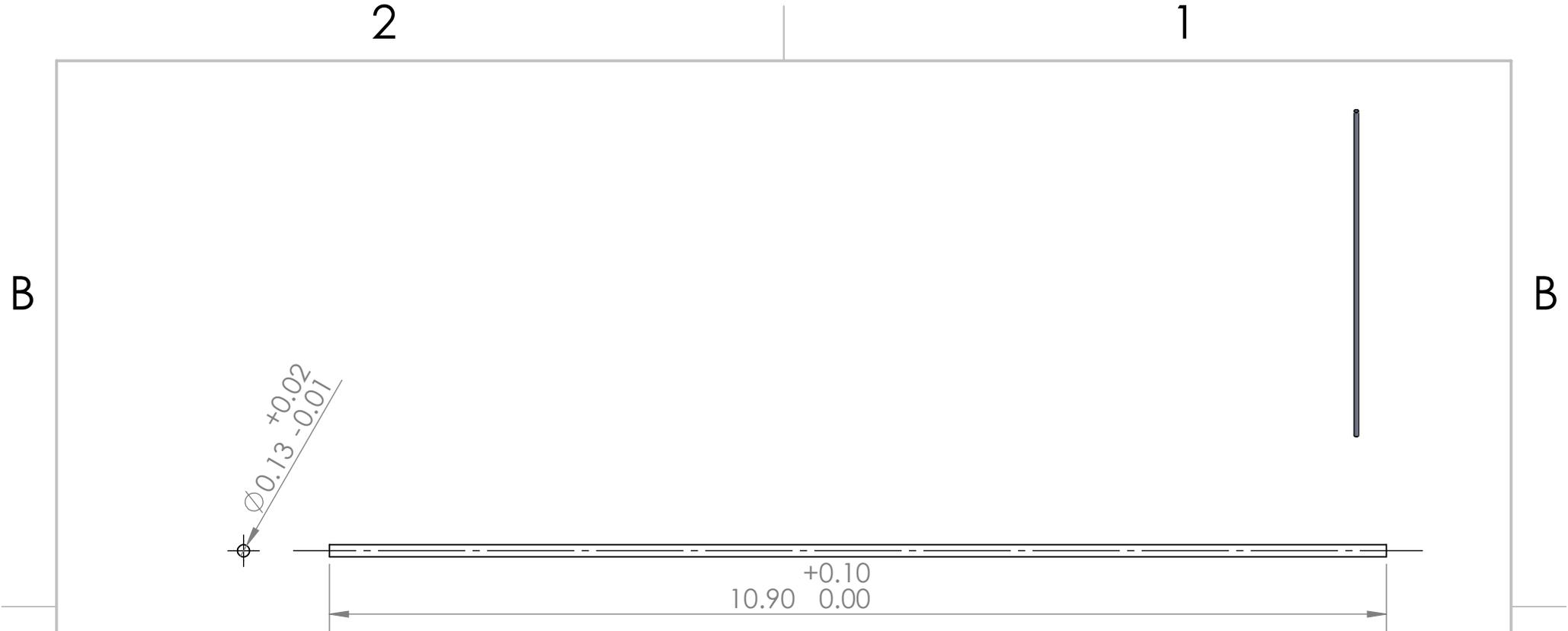
SCALE: 4:1

WEIGHT:

SHEET 1 OF 1

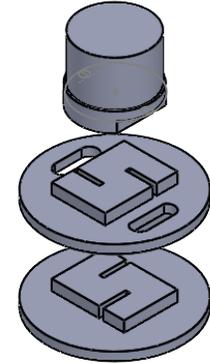
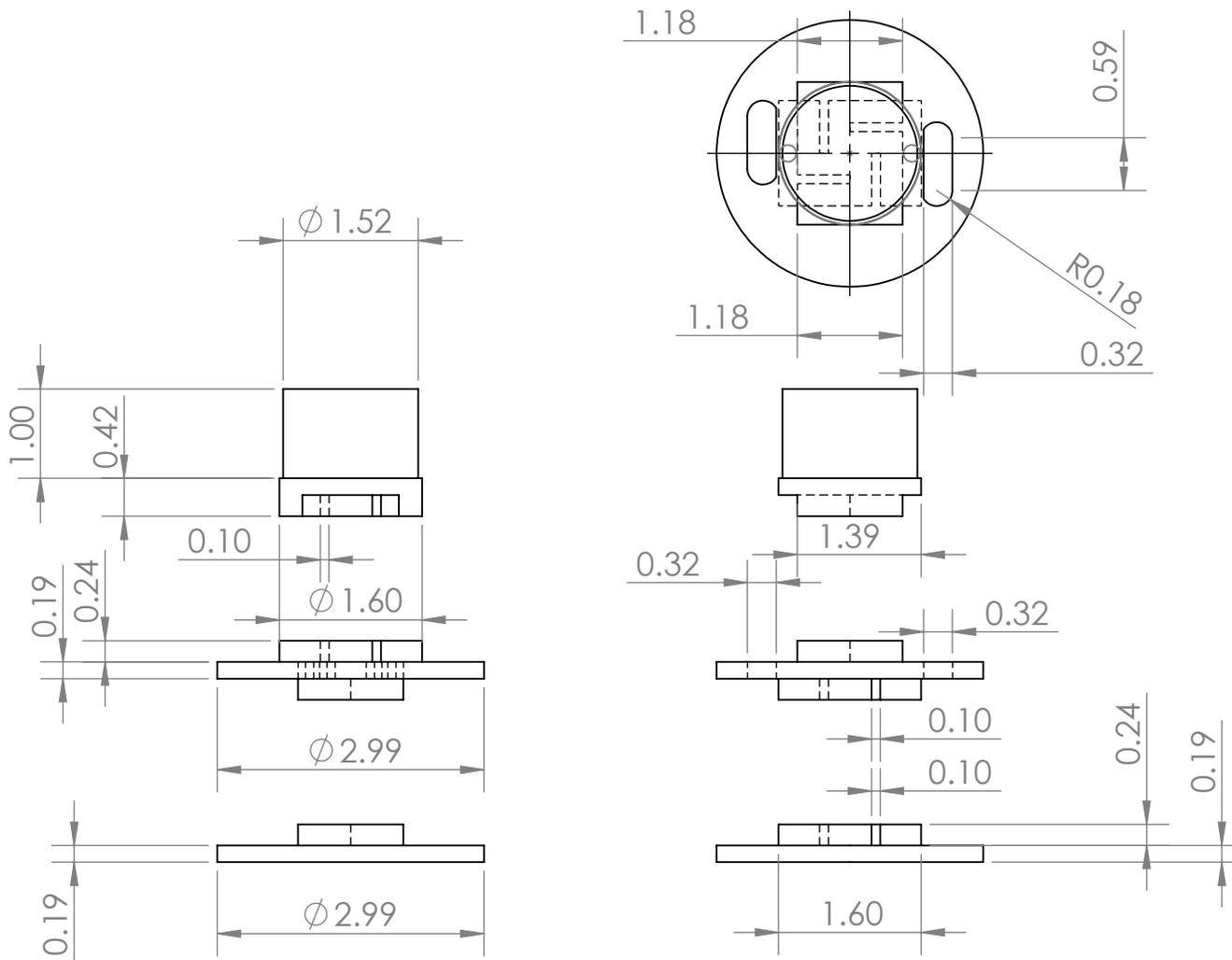
2

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			DIMENSIONS ARE IN INCHES	DRAWN	Henry B	2/2/26			
			TOLERANCES:	CHECKED					
			FRACTIONAL ±	ENG APPR.					
			ANGULAR: MACH ± BEND ±	MFG APPR.					
		TWO PLACE DECIMAL ±	Q.A.						
		THREE PLACE DECIMAL ±	COMMENTS:						
	Control Mech	ARC	INTERPRET GEOMETRIC TOLERANCING PER:				SIZE	DWG. NO.	REV
	NEXT ASSY	USED ON	MATERIAL: Stainless Steel				A	push 11 inc	
			FINISH				SCALE: 1:4	WEIGHT:	SHEET 1 OF 1
	APPLICATION		DO NOT SCALE DRAWING						

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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	Henry B
		TOLERANCES: + 0.02	CHECKED	2/2/26
		FRACTIONAL \pm	ENG APPR.	
		ANGULAR: MACH \pm BEND \pm	MFG APPR.	
		TWO PLACE DECIMAL \pm	Q.A.	
		THREE PLACE DECIMAL \pm	COMMENTS:: Will hold all 4 servos.	
		INTERPRET GEOMETRIC TOLERANCING PER:	They will be placed on top of each other. Holes on the sides are for the push rods to go through.	
Control Mech	ARC	MATERIAL: PLA		
NEXT ASSY	USED ON	FINISH		
		APPLICATION		
		DO NOT SCALE DRAWING		

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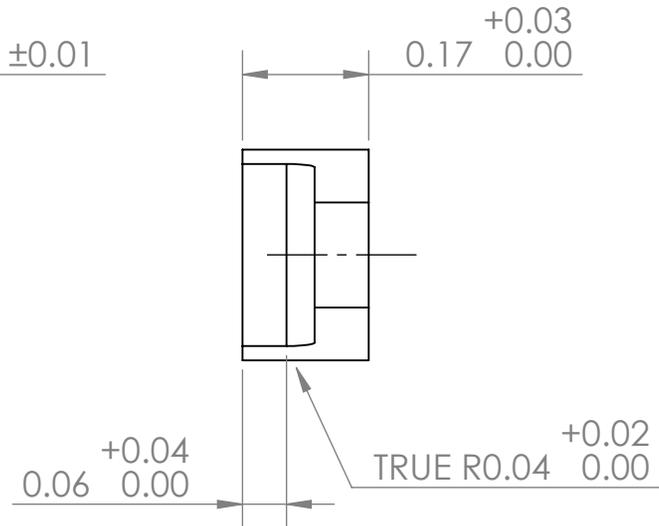
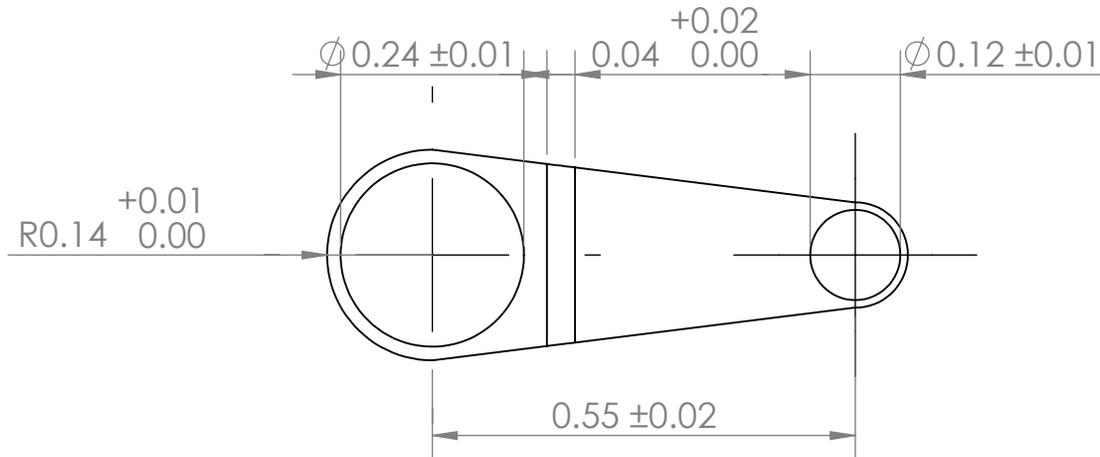
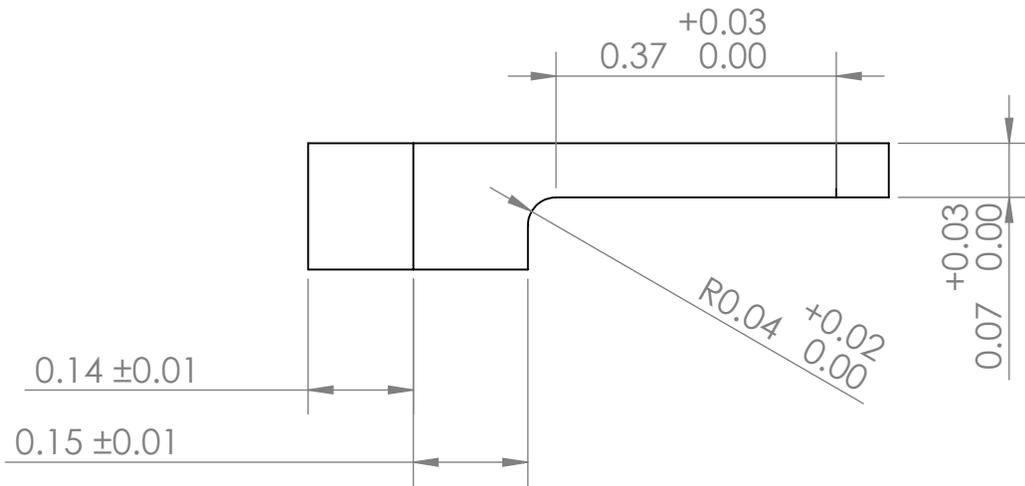
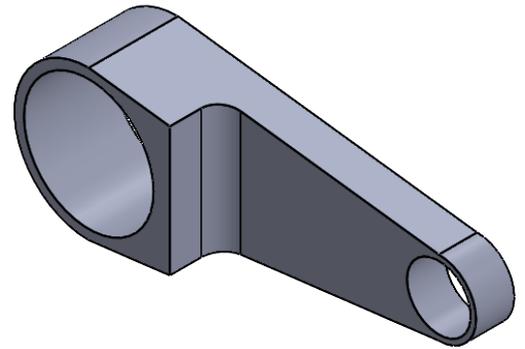
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TITLE:
Servo Holder

SIZE **A** DWG. NO. **Servo holder pt 4** REV
 SCALE: 1:2 WEIGHT: SHEET 1 OF 1

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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	Henry B
		TOLERANCES:	CHECKED	2/2/26
		FRACTIONAL ±	ENG APPR.	
		ANGULAR: MACH ± BEND ±	MFG APPR.	
		TWO PLACE DECIMAL ±	Q.A.	
		THREE PLACE DECIMAL ±	COMMENTS:	
		INTERPRET GEOMETRIC TOLERANCING PER:		
Control Mech	ARC	MATERIAL		
NEXT ASSY	USED ON	FINISH		
		APPLICATION		
		DO NOT SCALE DRAWING		

TITLE:

Servo Horn

SIZE

DWG. NO.

REV

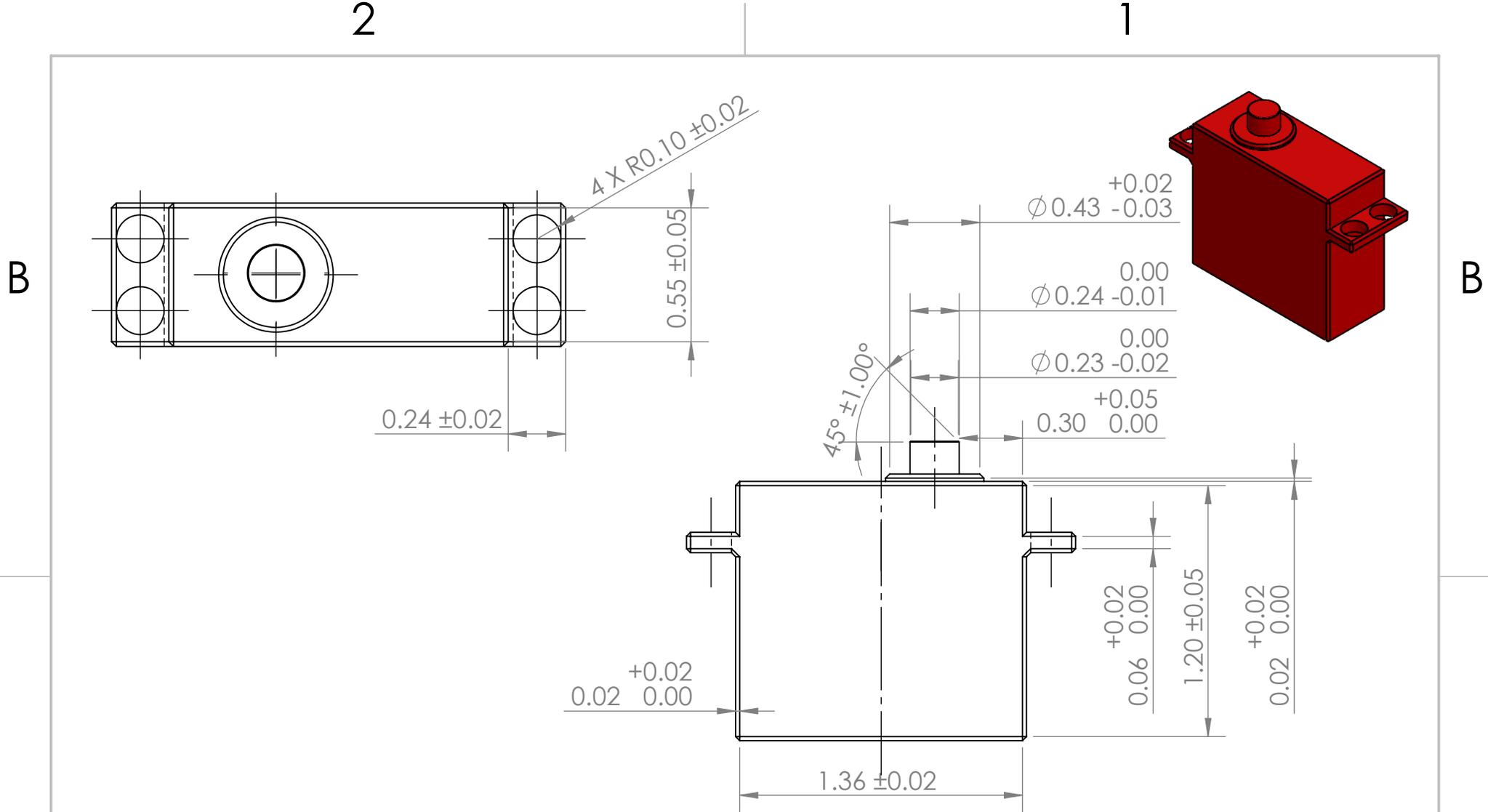
A

servo horn

SCALE: 4:1

WEIGHT:

SHEET 1 OF 1



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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	Henry B
		TOLERANCES:	CHECKED	12/1/25
		FRACTIONAL \pm	ENG APPR.	
		ANGULAR: MACH \pm BEND \pm	MFG APPR.	
		TWO PLACE DECIMAL \pm	Q.A.	
		THREE PLACE DECIMAL \pm	COMMENTS: all fillets are at a 45 degree angle.	
Control Mech	ARC	INTERPRET GEOMETRIC TOLERANCING PER:		
NEXT ASSY	USED ON	MATERIAL		
		FINISH		
APPLICATION		DO NOT SCALE DRAWING		

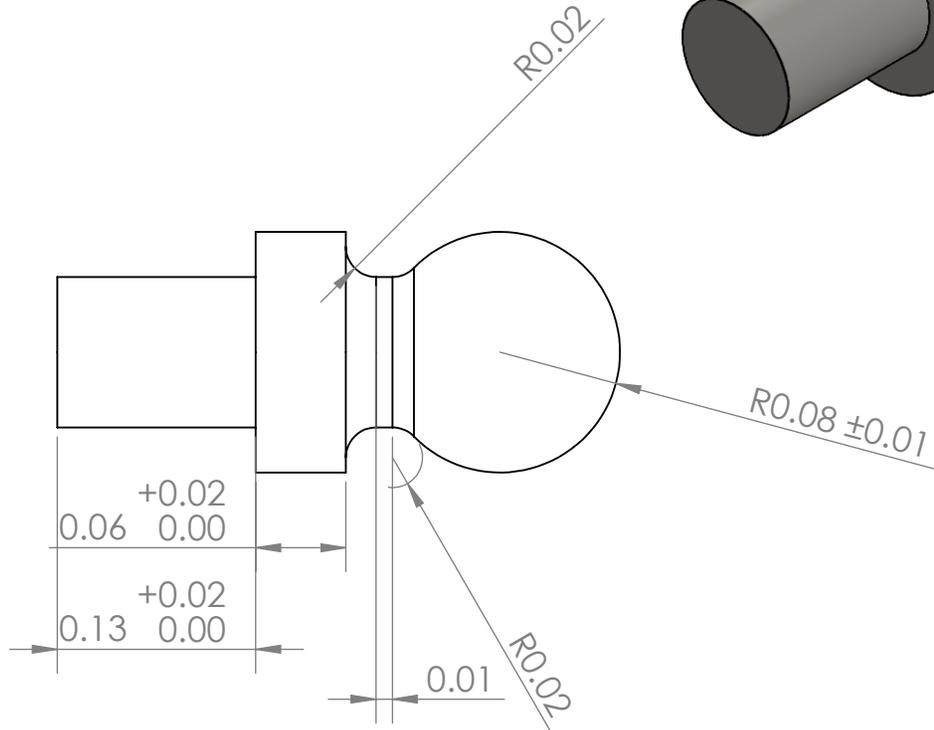
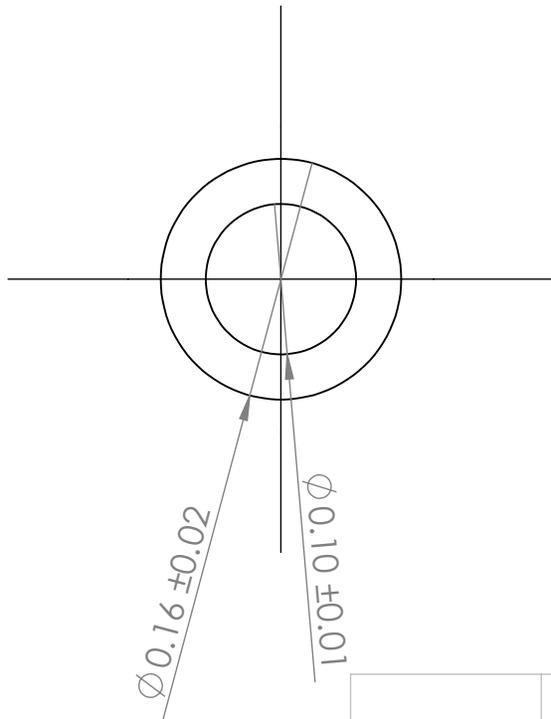
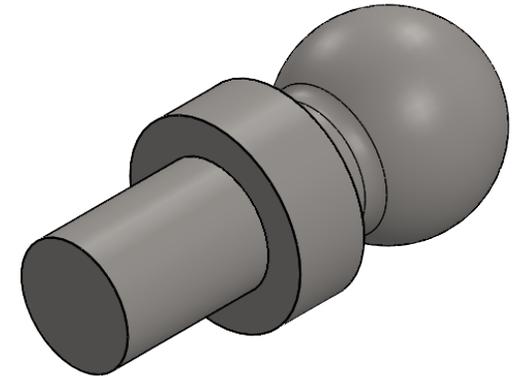
TITLE:		
Servo Place Holder		
SIZE	DWG. NO.	REV
A	servo.solid round pt2	
SCALE: 1.5:1	WEIGHT:	SHEET 1 OF 1

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	Henry B	2/3/26
		TOLERANCES: +0.01	CHECKED		
		FRACTIONAL \pm	ENG APPR.		
		ANGULAR: MACH \pm BEND \pm	MFG APPR.		
		TWO PLACE DECIMAL \pm	Q.A.		
		THREE PLACE DECIMAL \pm	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
Control Mech	ARC	MATERIAL			
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

TITLE:		
Tie Rod Ball		
SIZE	DWG. NO.	REV
A	Tie Rod Ball	
SCALE: 8:1	WEIGHT:	SHEET 1 OF 1

2

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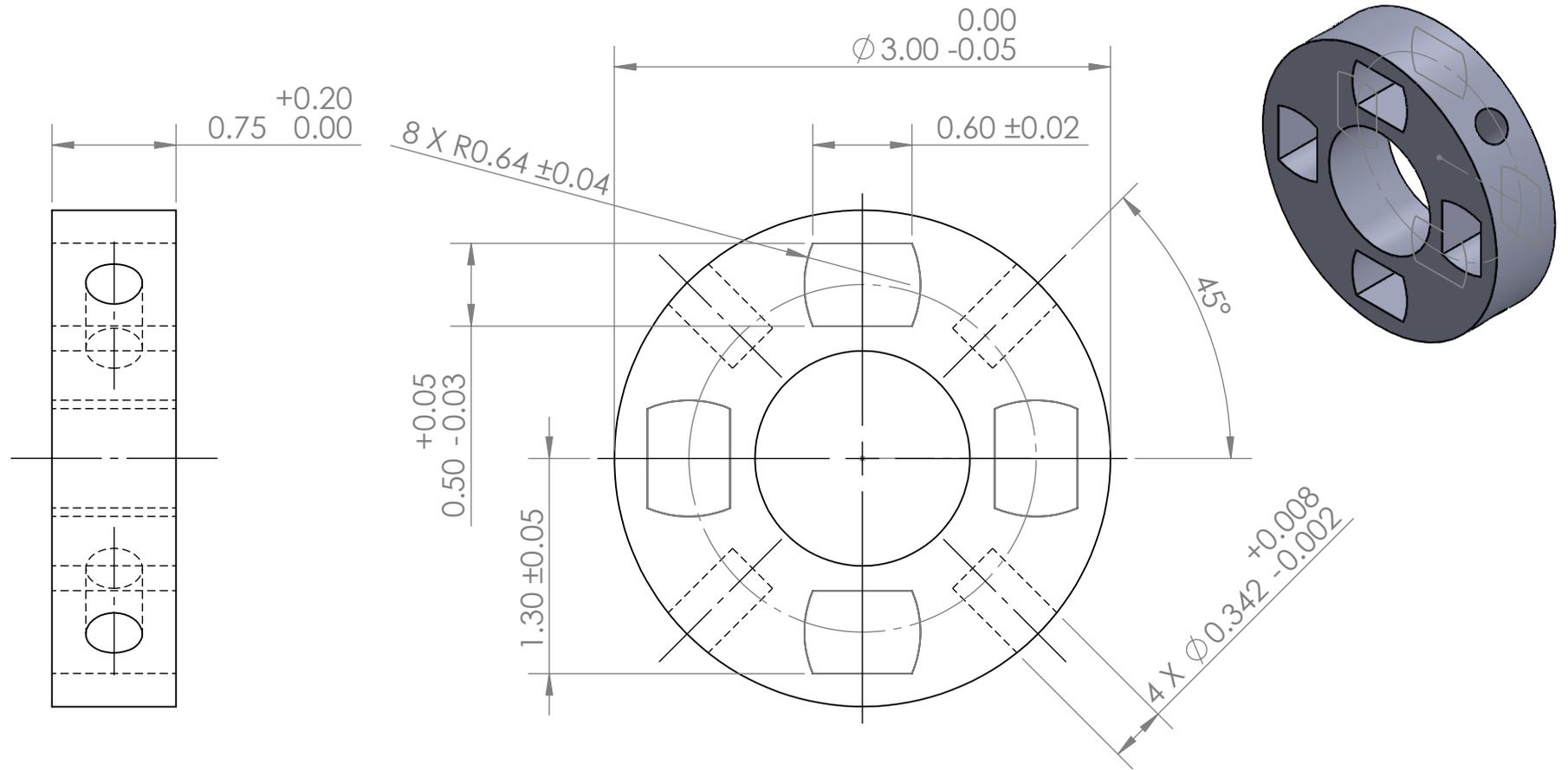
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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	Henry B
		TOLERANCES:	CHECKED	2/1/26
		FRACTIONAL \pm	ENG APPR.	
		ANGULAR: MACH \pm BEND \pm	MFG APPR.	
		TWO PLACE DECIMAL \pm	Q.A.	
		THREE PLACE DECIMAL \pm	COMMENTS:	
		INTERPRET GEOMETRIC TOLERANCING PER:		
Aft Mech	ARC	MATERIAL: PLA		
NEXT ASSY	USED ON	FINISH		
APPLICATION		DO NOT SCALE DRAWING		

TITLE:		
Motor Rings		
SIZE	DWG. NO.	REV
A	Updated Motor Rings	
SCALE: 1:1	WEIGHT:	SHEET 1 OF 1

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