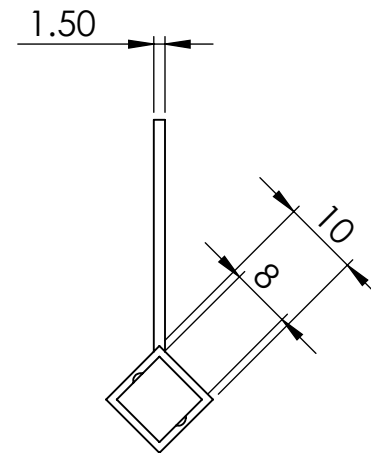
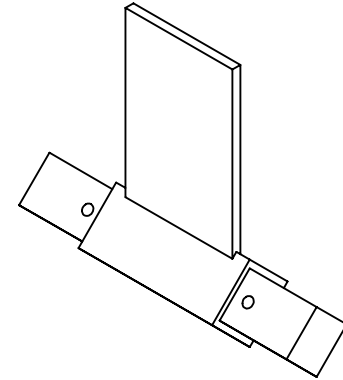
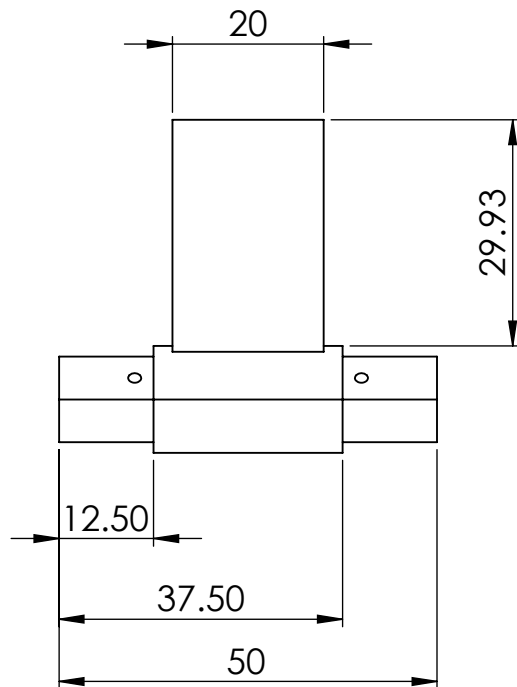
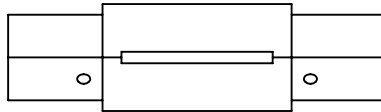


NOTES:

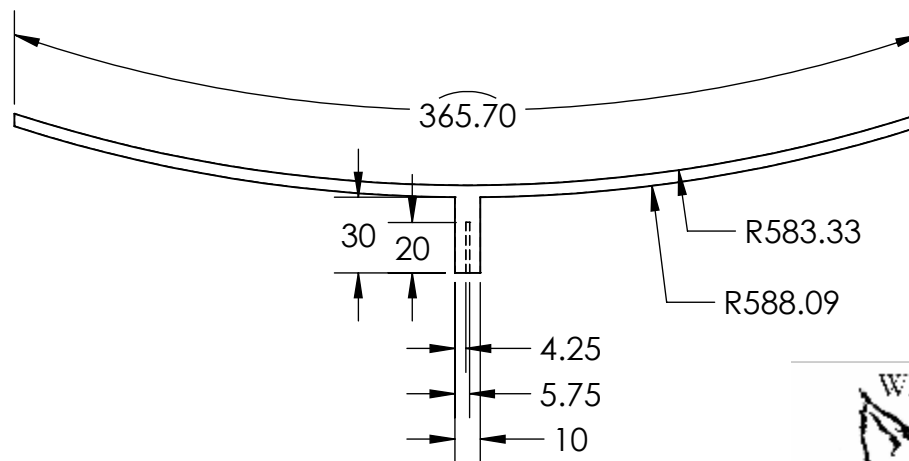
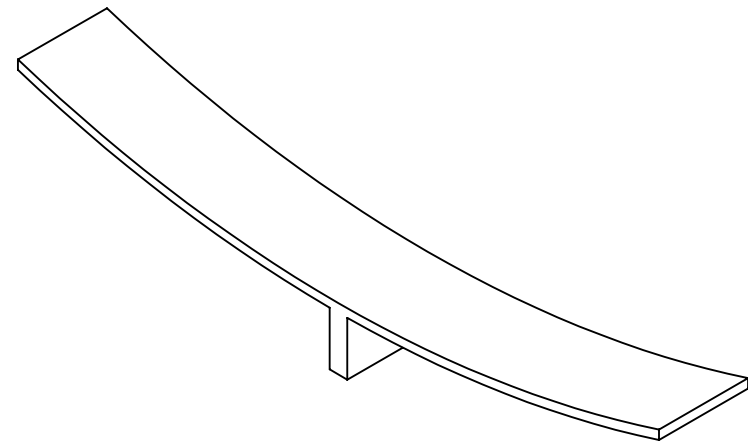
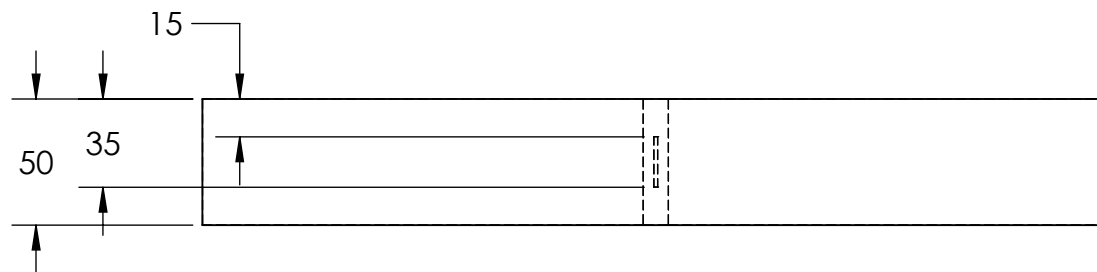
1. MATERIAL: 6061 ALUMINUM
2. FINISH: ROUGH
3. DIMENSIONS ARE IN MM
4. 3D MODEL DIMENSIONS ARE NOMINAL
5. TOLERANCING HAS NOT BEEN ESTABLISHED
6. APPLICABLE STANDARDS/SPECIFICATIONS HAVE NOT BEEN ESTABLISHED



DATE:		12/08/2017
TITLE:		Keel Connector
PART NO.		2003-CONNECTOR
SIZE	DWG. NO.	REV
A	01	1
SCALE: 1:1		SHEET 1 OF 1

NOTES:

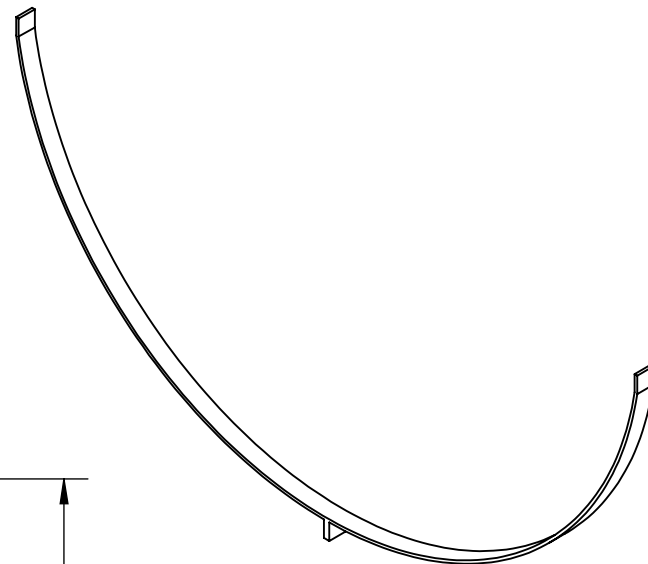
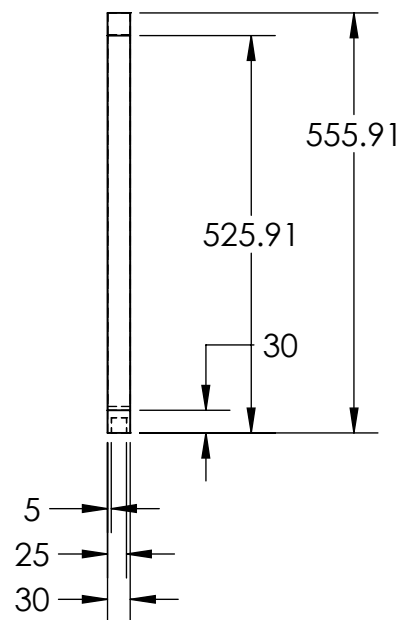
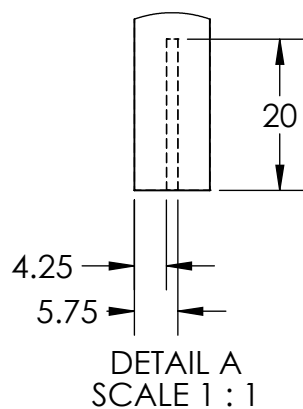
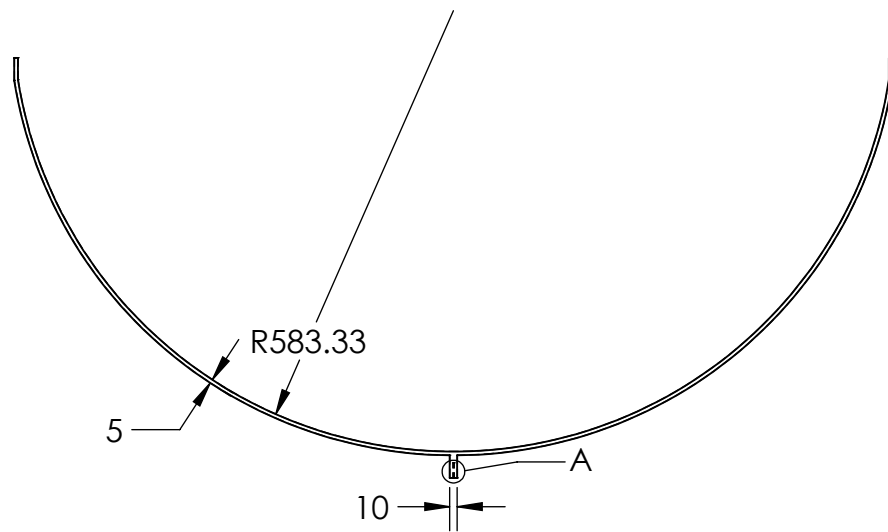
1. MATERIAL: NYLON 12
2. FINISH: 3D PRINT
3. DIMENSIONS ARE IN MM
4. 3D MODEL DIMENSIONS ARE NOMINAL
5. TOLERANCING HAS NOT BEEN ESTABLISHED
6. APPLICABLE STANDARDS/SPECIFICATIONS HAVE NOT BEEN ESTABLISHED



DATE:	12/08/2017		
TITLE:	Envelope Support		
PART NO.	2004-ENVELOPE-SUPPORT		
SIZE	DWG. NO.	REV	
A	01	1	
SCALE: 1:3			SHEET 1 OF 1

NOTES:

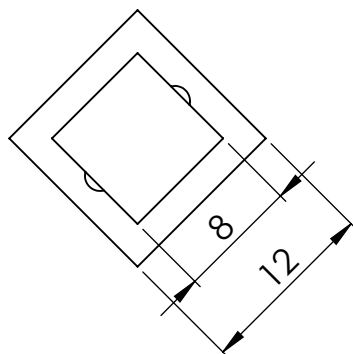
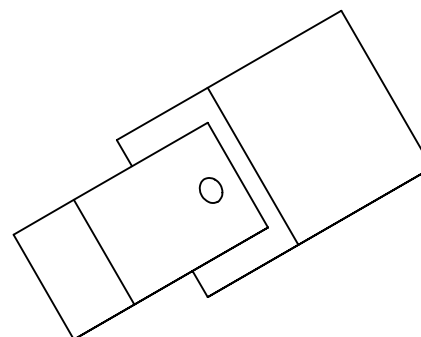
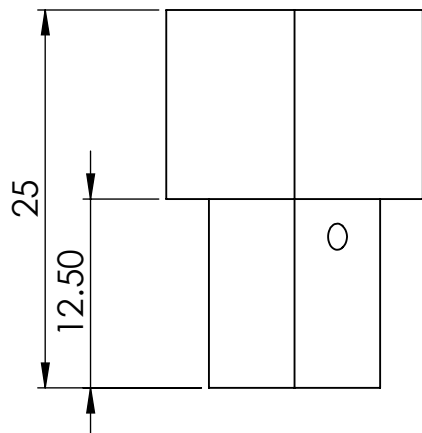
1. MATERIAL: CARBON FIBRE
2. FINISH: EPOXY COATING
3. DIMENSIONS ARE IN MM
4. 3D MODEL DIMENSIONS ARE NOMINAL
5. TOLERANCING HAS NOT BEEN ESTABLISHED
6. APPLICABLE STANDARDS/SPECIFICATIONS HAVE NOT BEEN ESTABLISHED



DATE:	12/08/2017		
TITLE:	Thruster Arms		
PART NO.	2005-THRUSTER-ARMS		
SIZE	DWG. NO.	REV	
A	01	1	
SCALE: 1:10			SHEET 1 OF 1

NOTES:

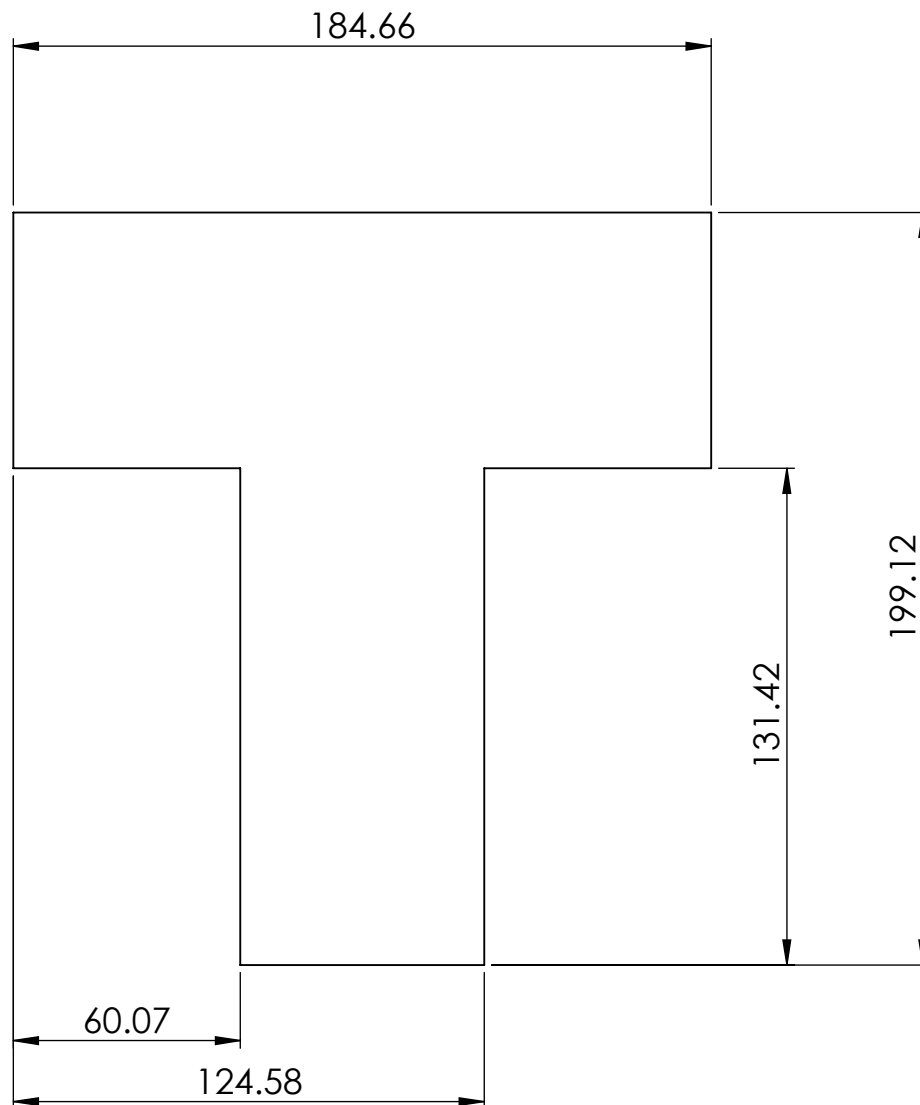
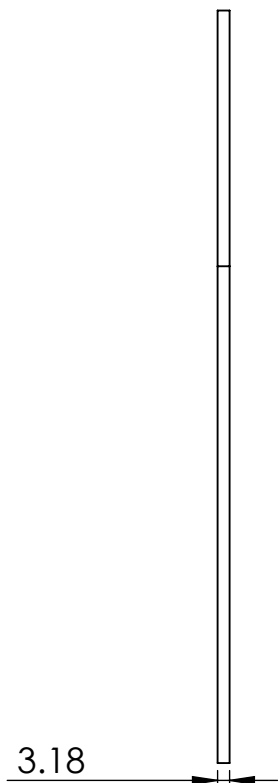
1. MATERIAL: NYLON 12
2. FINISH: 3D PRINT
3. DIMENSIONS ARE IN MM
4. 3D MODEL DIMENSIONS ARE NOMINAL
5. TOLERANCING HAS NOT BEEN ESTABLISHED
6. APPLICABLE STANDARDS/SPECIFICATIONS HAVE NOT BEEN ESTABLISHED



DATE:		12/08/2017	
TITLE:		End Stop	
PART NO.		2022-END-BLOCK	
SIZE	DWG. NO.	REV	
A	01	1	
SCALE: 2:1			SHEET 1 OF 1

NOTES:

1. MATERIAL: 6061 ALUMINUM
2. FINISH: SMOOTH
3. DIMENSIONS ARE IN MM
4. 3D MODEL DIMENSIONS ARE NOMINAL
5. TOLERANCING HAS NOT BEEN ESTABLISHED
6. APPLICABLE STANDARDS/SPECIFICATIONS HAVE NOT BEEN ESTABLISHED



DATE: 12/08/2017

TITLE: Mounting Plate

PART NO. 2007-PLATE

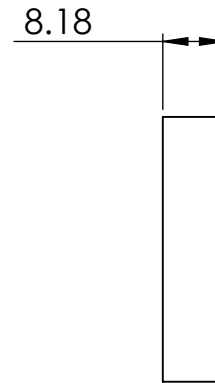
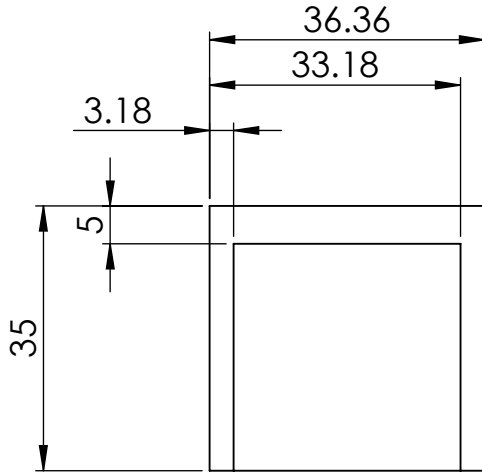
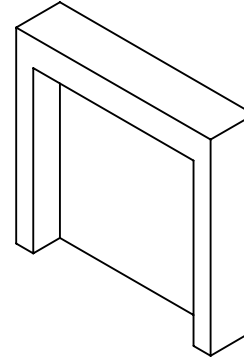
SIZE A	DWG. NO. 01	REV 1
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SCALE: 1:2

SHEET 1 OF 1

NOTES:

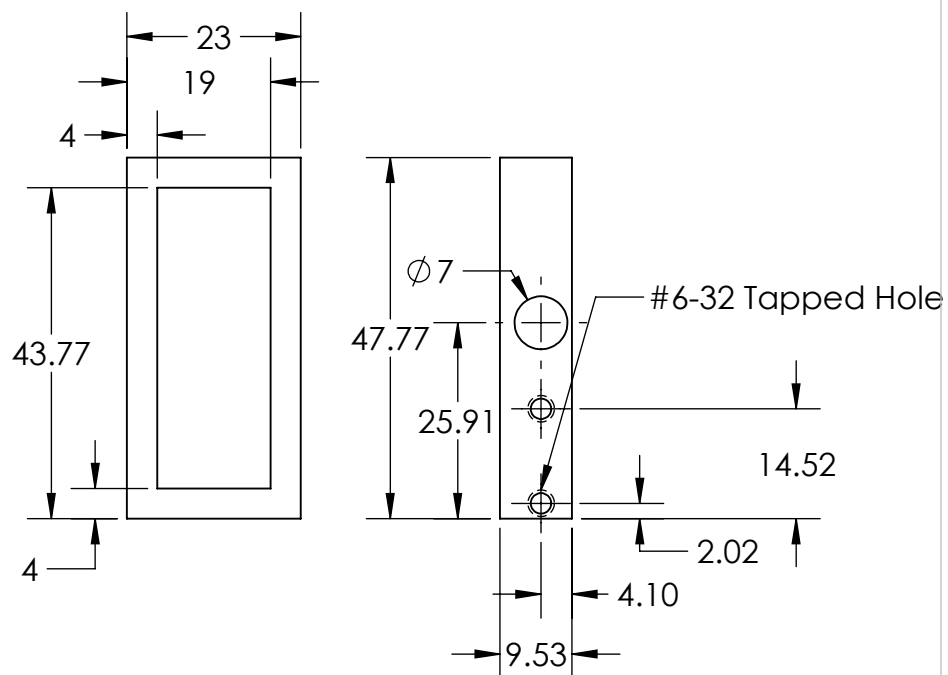
1. MATERIAL: 6061 ALUMINUM
2. FINISH: SMOOTH
3. DIMENSIONS ARE IN MM
4. 3D MODEL DIMENSIONS ARE NOMINAL
5. TOLERANCING HAS NOT BEEN ESTABLISHED
6. APPLICABLE STANDARDS/SPECIFICATIONS HAVE NOT BEEN ESTABLISHED



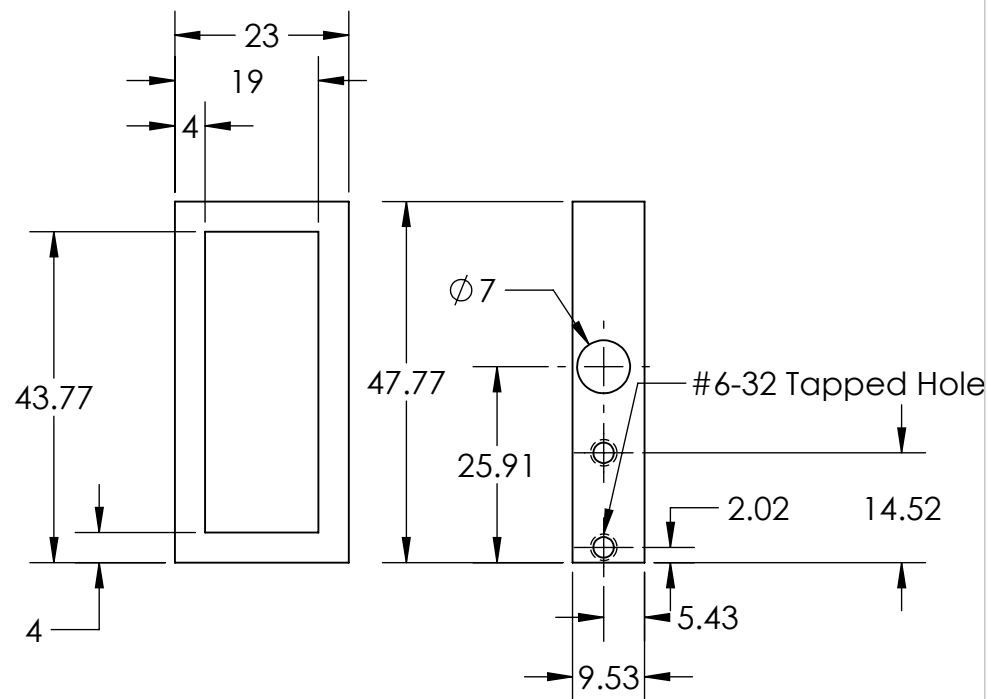
DATE:		12/08/2017	
TITLE:		Arm Cap	
PART NO. 2024-PLATE-FRONT			
SIZE	DWG. NO.		REV
A	01		1
SCALE: 2:1			SHEET 1 OF 1

NOTES:

1. MATERIAL: 6061 ALUMINUM
2. FINISH: SMOOTH
3. DIMENSIONS ARE IN MM
4. 3D MODEL DIMENSIONS ARE NOMINAL
5. TOLERANCING HAS NOT BEEN ESTABLISHED
6. APPLICABLE STANDARDS/SPECIFICATIONS HAVE NOT BEEN ESTABLISHED



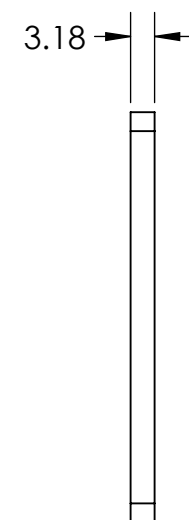
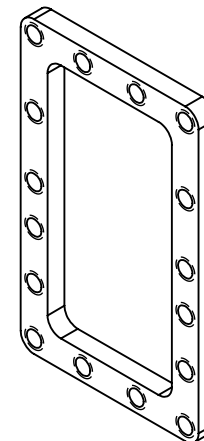
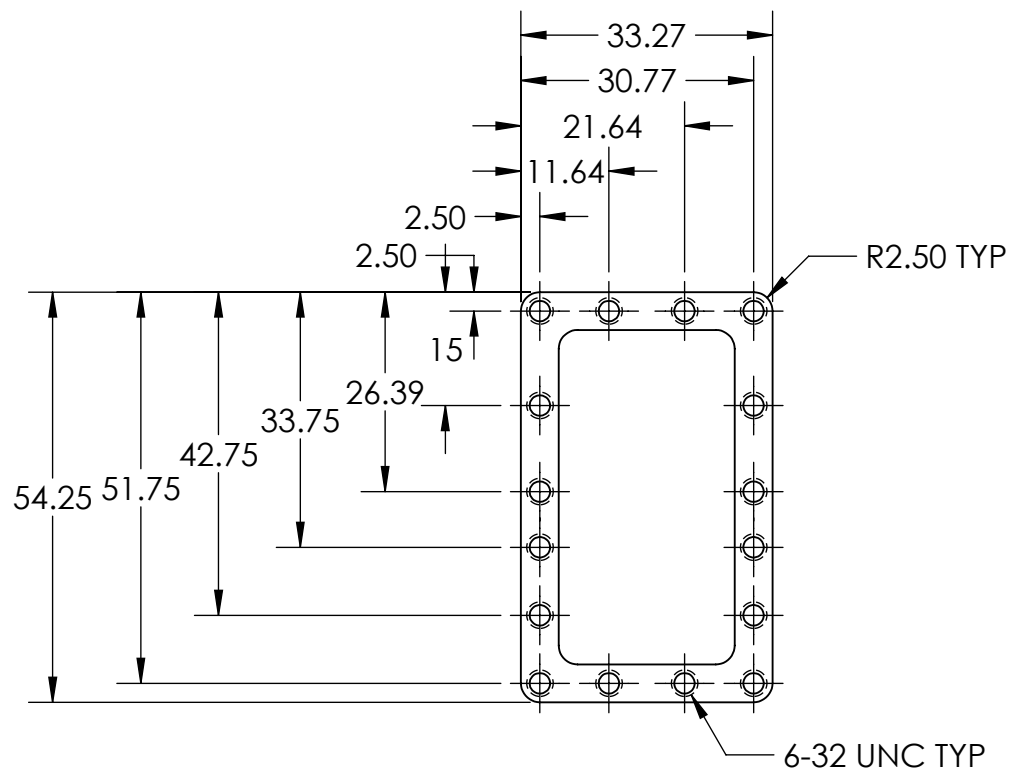
DATE: 12/08/2017		
TITLE: Mounting Block 2		
PART NO. 2008-MOTOR-BRACKET1		
SIZE A	DWG. NO. 01	REV 1
SCALE: 1:1		SHEET 1 OF 1



DATE: 12/08/2017		
TITLE: Mounting Block 2		
PART NO. 2020-MOTOR-BRACKET5		
SIZE A	DWG. NO. 01	REV 1
SCALE: 1:1		SHEET 1 OF 1

NOTES:

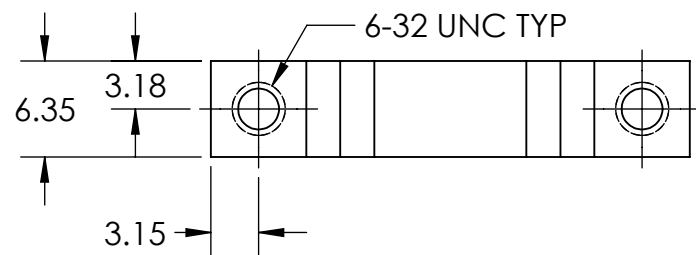
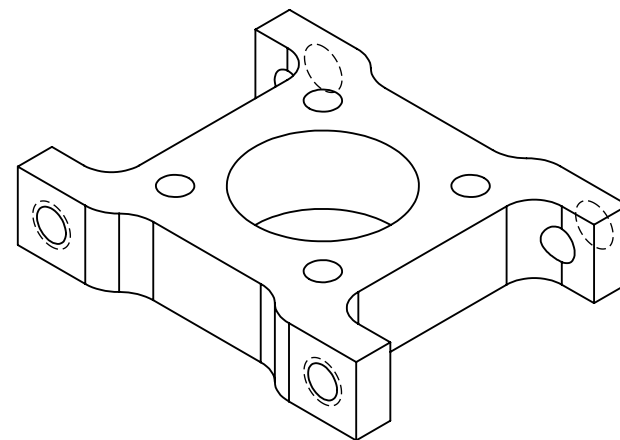
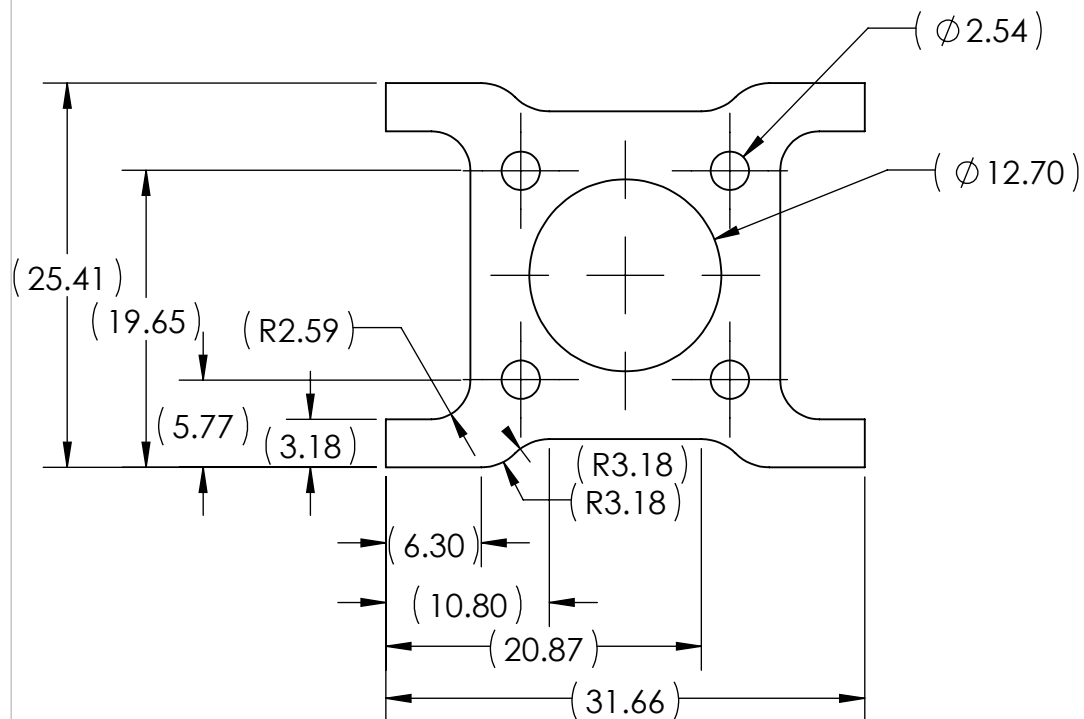
1. MATERIAL: 6061 ALUMINUM
2. FINISH: SMOOTH
3. DIMENSIONS ARE IN MM
4. 3D MODEL DIMENSIONS ARE NOMINAL
5. TOLERANCING HAS NOT BEEN ESTABLISHED
6. APPLICABLE STANDARDS/SPECIFICATIONS HAVE NOT BEEN ESTABLISHED



DATE:	12/08/2017		
TITLE:	Servo Mount 1		
PART NO.	2009-MOTOR-BRACKET2		
SIZE	DWG. NO.	REV	
A	01	1	
SCALE: 3:1			SHEET 1 OF 1

NOTES:

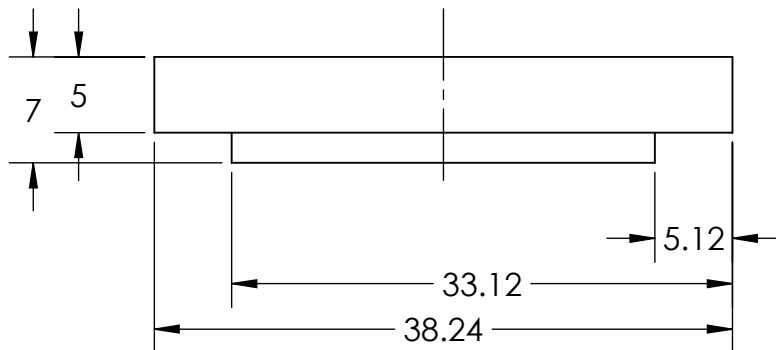
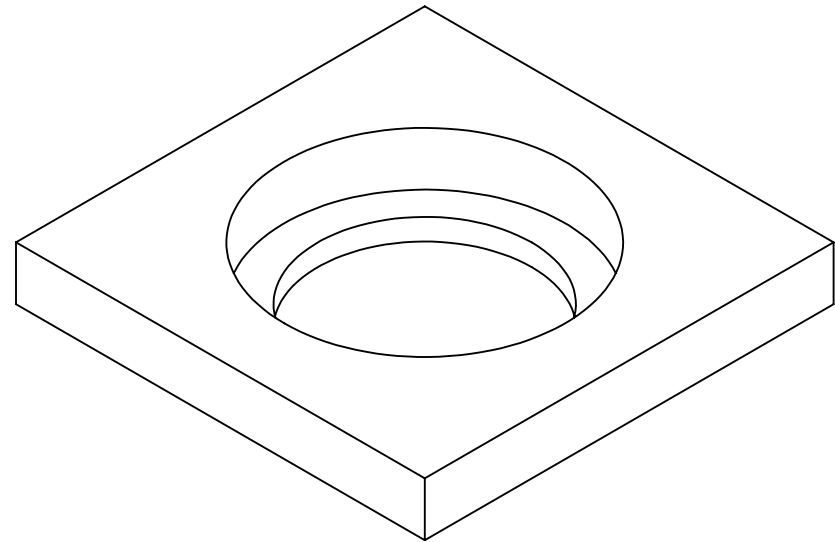
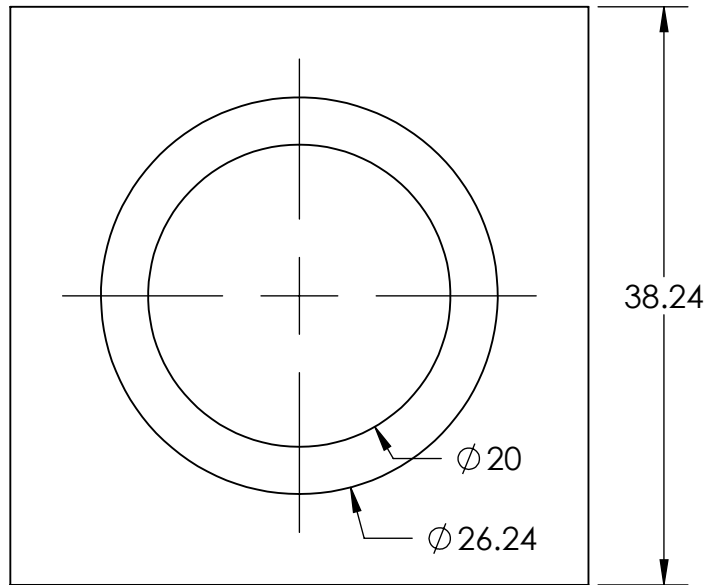
1. MATERIAL: 6061 ALUMINUM
2. FINISH: SMOOTH
3. DIMENSIONS ARE IN MM
4. 3D MODEL DIMENSIONS ARE NOMINAL
5. TOLERANCING HAS NOT BEEN ESTABLISHED
6. APPLICABLE STANDARDS/SPECIFICATIONS HAVE NOT BEEN ESTABLISHED



DATE:	12/08/2017		
TITLE:	Servo Mount 2		
PART NO.	2010-MOTOR-BRACKET3		
SIZE	DWG. NO.	REV	
A	01	1	
SCALE: 5:1			SHEET 1 OF 1

NOTES:

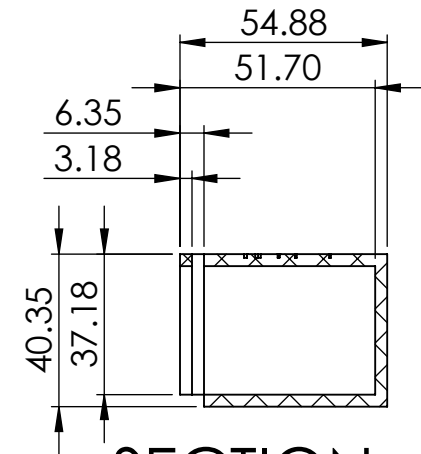
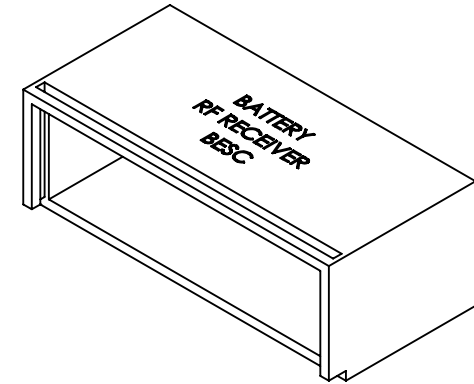
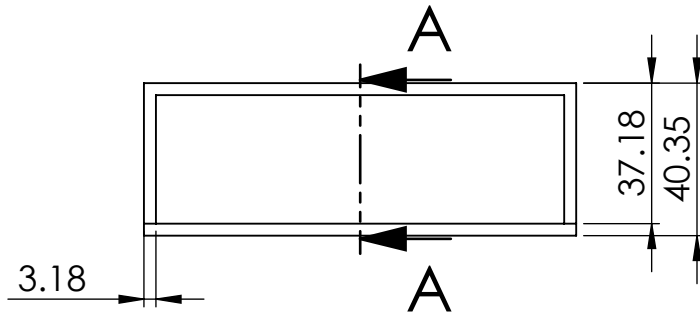
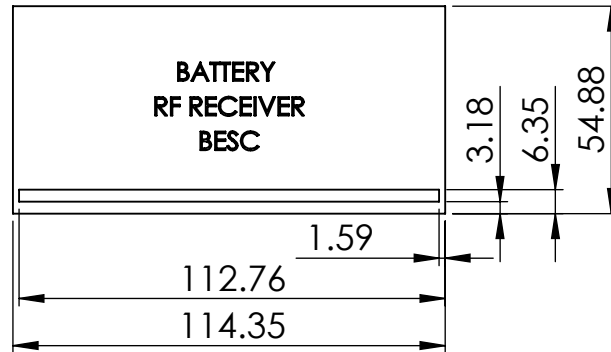
1. MATERIAL: 6061 ALUMINUM
2. FINISH: SMOOTH
3. DIMENSIONS ARE IN MM
4. 3D MODEL DIMENSIONS ARE NOMINAL
5. TOLERANCING HAS NOT BEEN ESTABLISHED
6. APPLICABLE STANDARDS/SPECIFICATIONS HAVE NOT BEEN ESTABLISHED



DATE:	12/08/2017		
TITLE:	Bearing Bracket		
PART NO.	2011-MOTOR-BRACKET4		
SIZE	DWG. NO.	REV	
A	01	1	
SCALE: 2:1			SHEET 1 OF 1

NOTES:

1. MATERIAL: NYLON 12
2. FINISH: 3D PRINT
3. DIMENSIONS ARE IN MM
4. 3D MODEL DIMENSIONS ARE NOMINAL
5. TOLERANCING HAS NOT BEEN ESTABLISHED
6. APPLICABLE STANDARDS/SPECIFICATIONS HAVE NOT BEEN ESTABLISHED



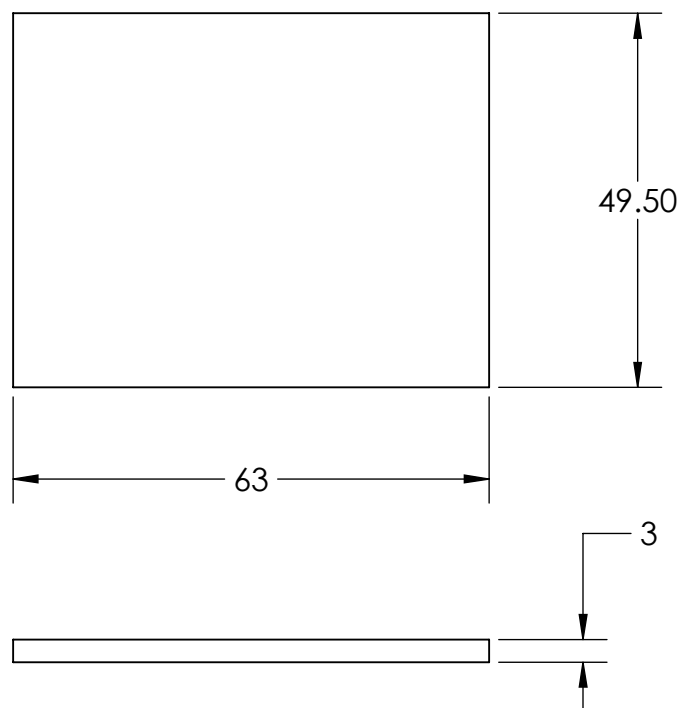
SECTION A-A



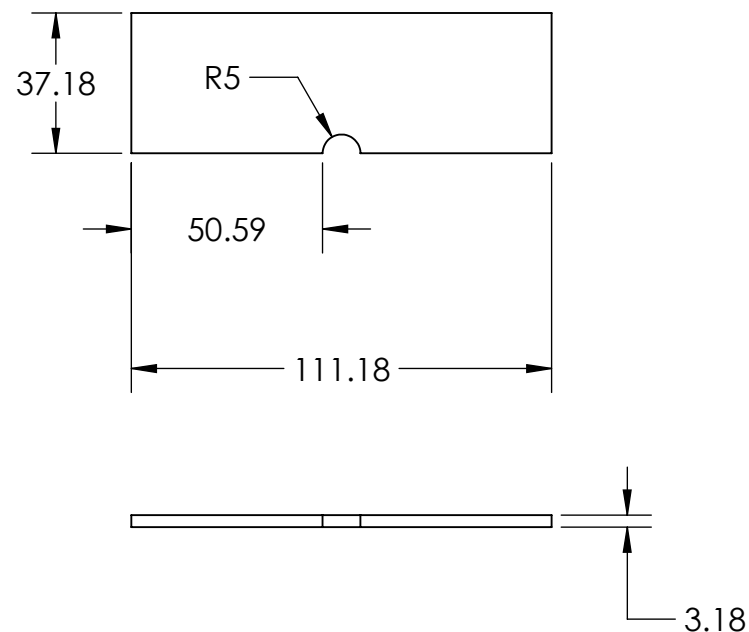
DATE:		12/08/2017
TITLE:		COMPONENT COVER
PART NO.		2013-COMPONENT-COVER
SIZE	DWG. NO.	REV
A	01	1
SCALE: 1:2		SHEET 1 OF 1

NOTES:

1. MATERIAL: NYLON 12
2. FINISH: 3D PRINT
3. DIMENSIONS ARE IN MM
4. 3D MODEL DIMENSIONS ARE NOMINAL
5. TOLERANCING HAS NOT BEEN ESTABLISHED
6. APPLICABLE STANDARDS/SPECIFICATIONS HAVE NOT BEEN ESTABLISHED



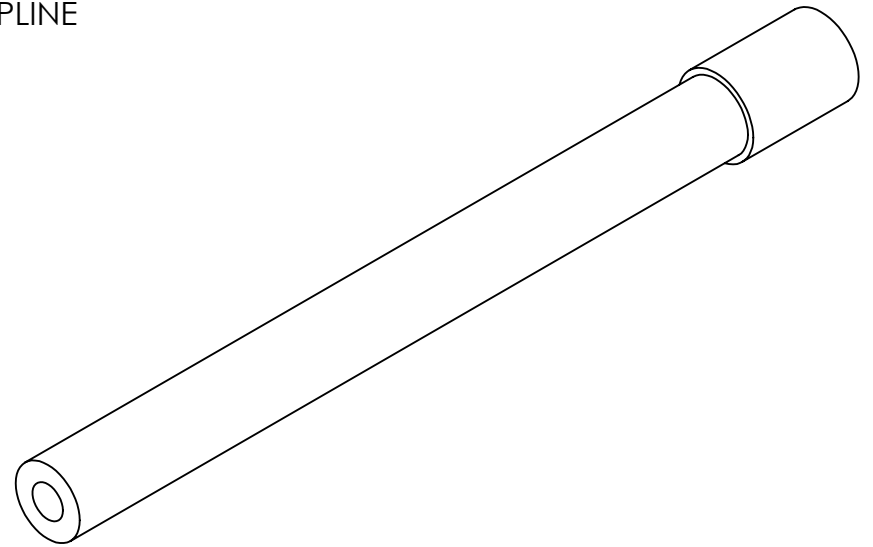
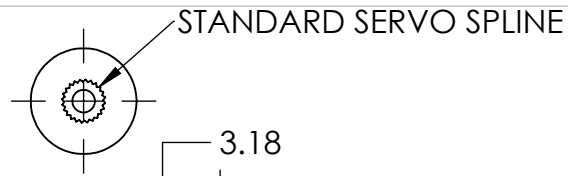
DATE: 12/08/2017		
TITLE: Gondola Door		
PART NO. 3002-GONDOLA-DOOR		
SIZE A	DWG. NO. 01	REV 1
SCALE: 1:1		SHEET 1 OF 1



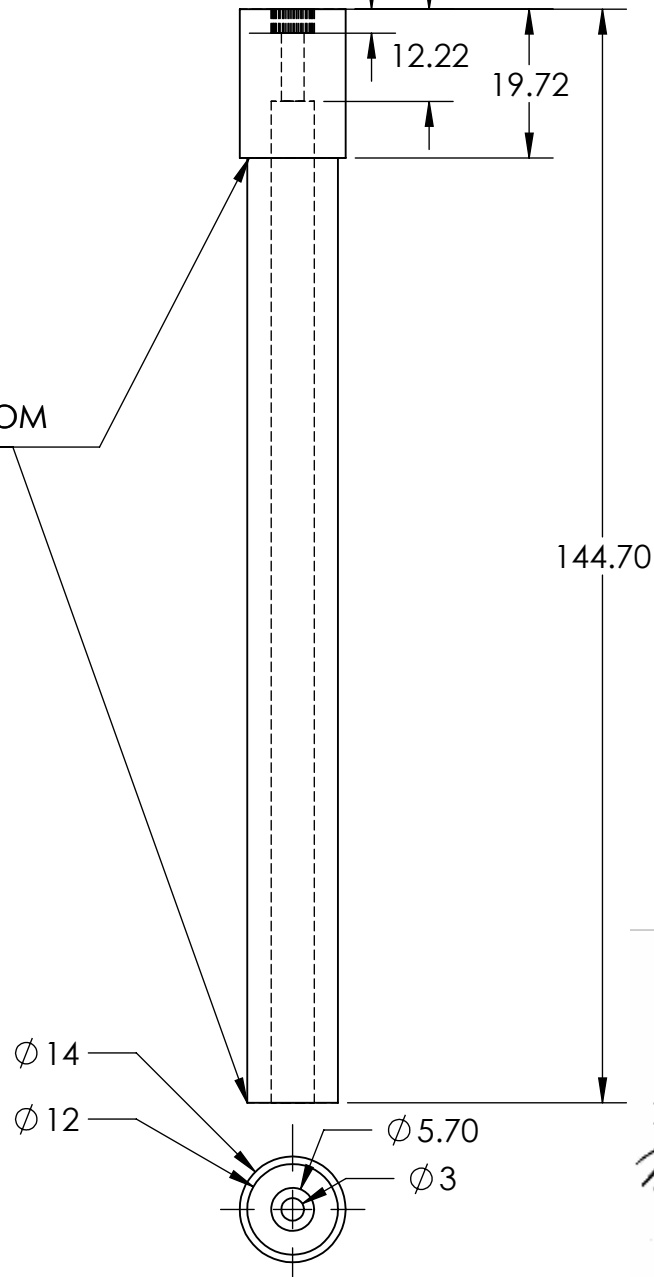
DATE: 12/08/2017		
TITLE: Component Door		
PART NO. 2014-COMPONENT-COVER		
SIZE A	DWG. NO. 01	REV 1
SCALE: 1:1		SHEET 1 OF 1

NOTES:

1. MATERIAL: NYLON 6
2. FINISH: ROUGH (MACHINED)
3. DIMENSIONS ARE IN MM
4. 3D MODEL DIMENSIONS ARE NOMINAL
5. TOLERANCING HAS NOT BEEN ESTABLISHED
6. APPLICABLE STANDARDS/SPECIFICATIONS HAVE NOT BEEN ESTABLISHED



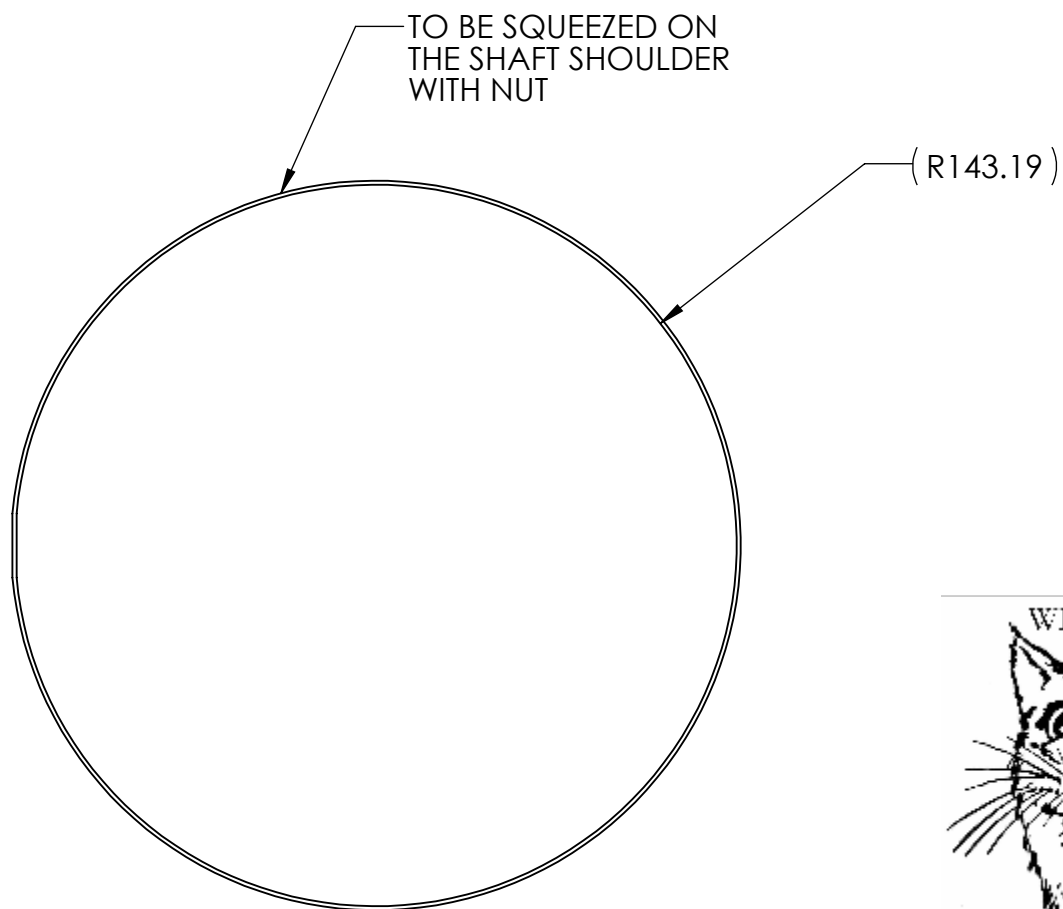
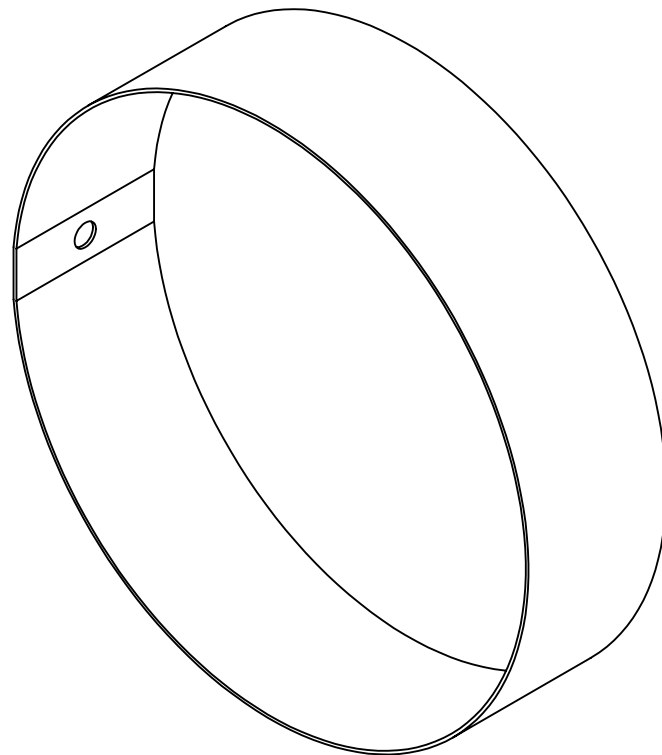
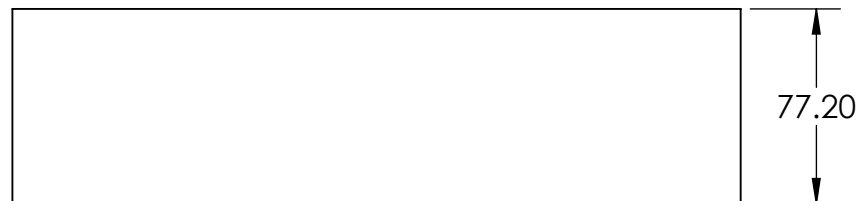
TO BE THREADED FROM
TIP TO SHOULDER



DATE:	12/08/2017		
TITLE:	THRUSTER SHAFT		
PART NO.	2015-SHAFT		
SIZE	DWG. NO.	REV	
A	01	1	
SCALE: 1:1			SHEET 1 OF 1

NOTES:

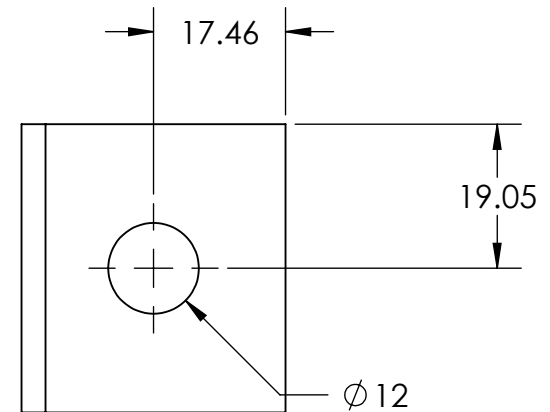
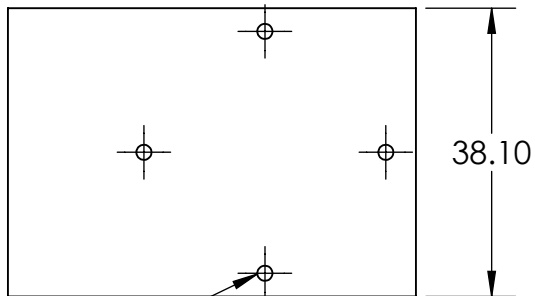
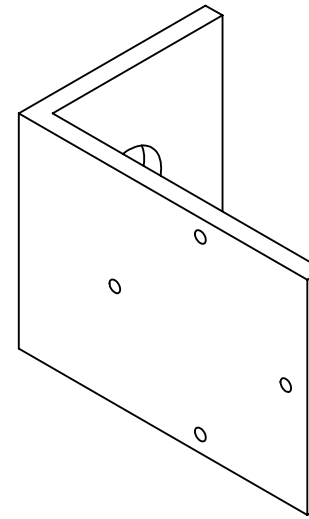
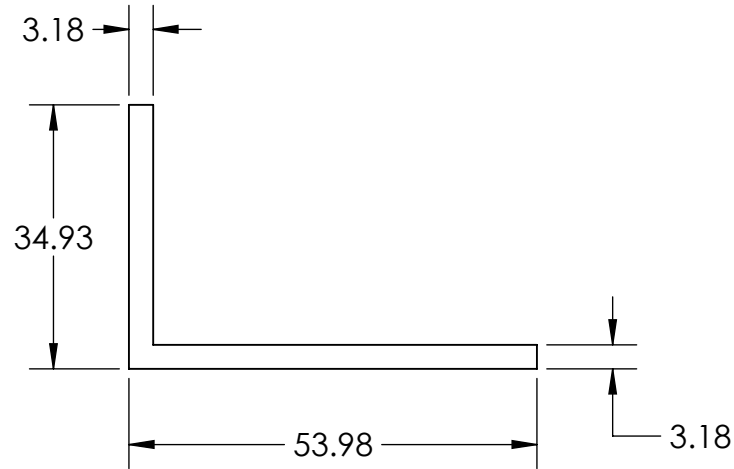
1. MATERIAL: POLYETHYLENE TEREPHTHALATE
2. FINISH: SMOOTH
3. DIMENSIONS ARE IN MM
4. 3D MODEL DIMENSIONS ARE NOMINAL
5. TOLERANCING HAS NOT BEEN ESTABLISHED
6. APPLICABLE STANDARDS/SPECIFICATIONS HAVE NOT BEEN ESTABLISHED



DATE:		12/08/2017
TITLE:		Propeller Encasement
PART NO.		2017-PROPELLER-ENCASEMENT
SIZE	DWG. NO.	REV
A	01	1
SCALE: 1:3		SHEET 1 OF 1

NOTES:

1. MATERIAL: 6061 ALUMINUM
2. FINISH: SMOOTH
3. DIMENSIONS ARE IN MM
4. 3D MODEL DIMENSIONS ARE NOMINAL
5. TOLERANCING HAS NOT BEEN ESTABLISHED
6. APPLICABLE STANDARDS/SPECIFICATIONS HAVE NOT BEEN ESTABLISHED



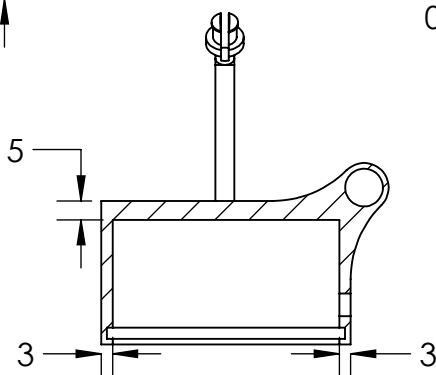
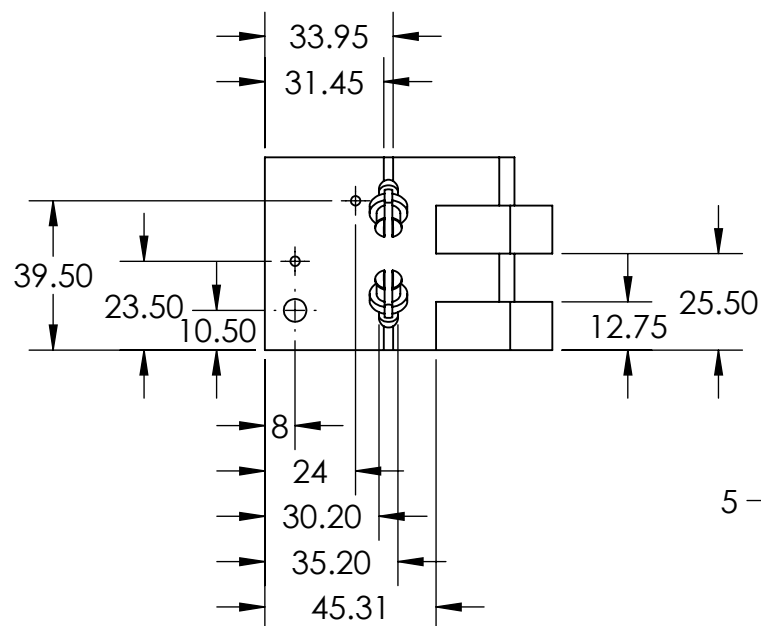
PROPELLER MOTOR MOUNTING HOLES TO BE ADAPTED TO CHOSEN PROPELLER MOTOR SPECIFICATIONS



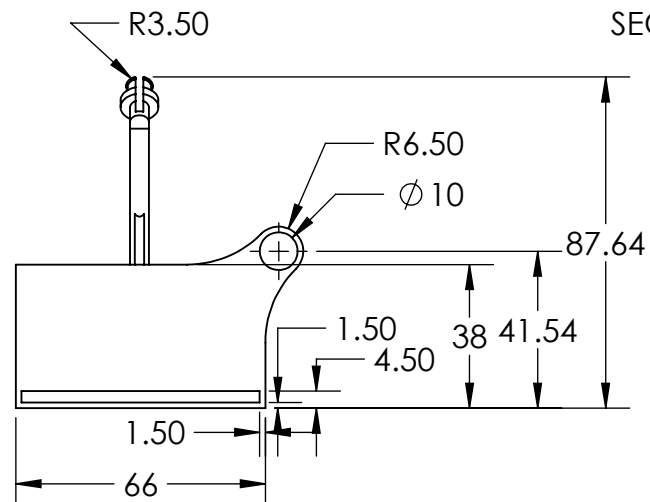
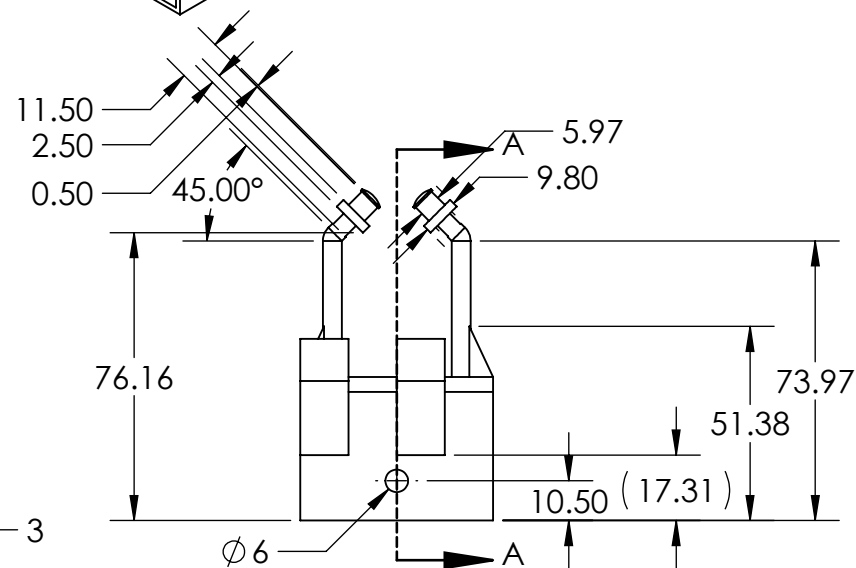
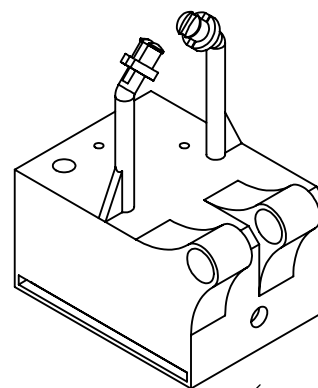
DATE:		12/08/2017
TITLE: Propeller Motor Mounting Bracket		
PART NO. 2018-MOTOR-MOUNTING-PLATE		
SIZE A	DWG. NO. 01	REV 1
SCALE: 1:1		SHEET 1 OF 1

NOTES:

1. MATERIAL: NYLON 12
2. FINISH: 3D PRINT
3. DIMENSIONS ARE IN MM
4. 3D MODEL DIMENSIONS ARE NOMINAL
5. TOLERANCING HAS NOT BEEN ESTABLISHED
6. APPLICABLE STANDARDS/SPECIFICATIONS HAVE NOT BEEN ESTABLISHED



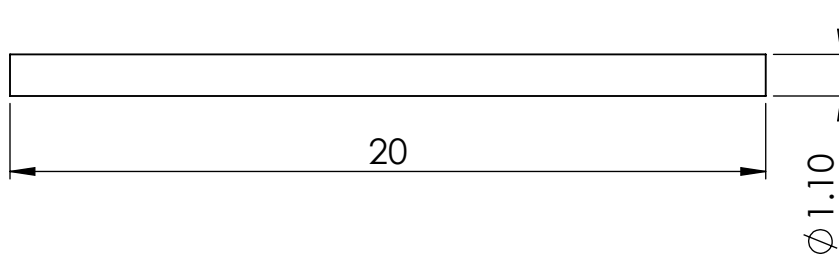
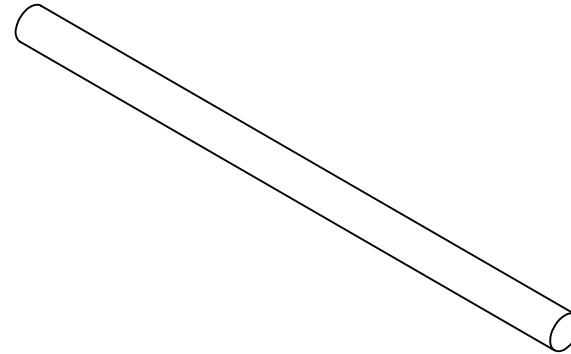
SECTION A-A



DATE:	12/08/2017		
TITLE:	Gondola 2		
PART NO.	3001-GONDOLA2		
SIZE	DWG. NO.	REV	
A	01	1	
SCALE: 1:2			SHEET 1 OF 1

NOTES:

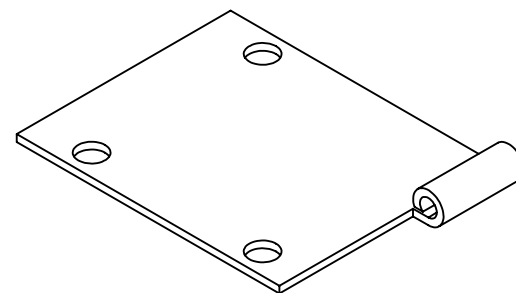
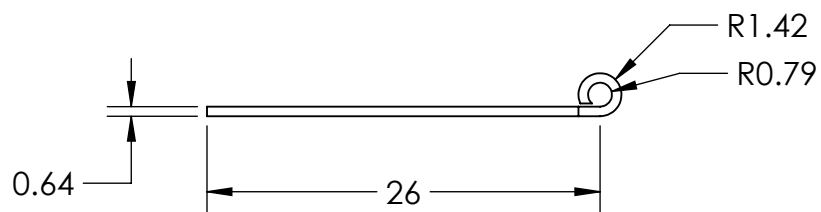
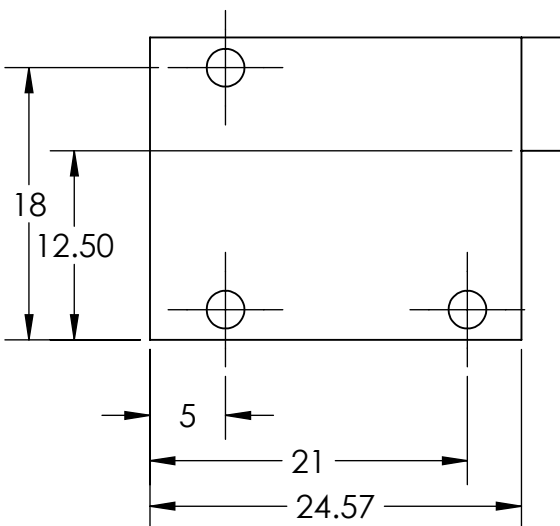
1. MATERIAL: CARBON STEEL
2. FINISH: SMOOTH
3. DIMENSIONS ARE IN MM
4. 3D MODEL DIMENSIONS ARE NOMINAL
5. TOLERANCING HAS NOT BEEN ESTABLISHED
6. APPLICABLE STANDARDS/SPECIFICATIONS HAVE NOT BEEN ESTABLISHED



DATE:		12/08/2017
TITLE:		Hinge Pin
PART NO.		4001-HINGE-PIN
SIZE	DWG. NO.	REV
A	01	1
SCALE: 5:1		SHEET 1 OF 1

NOTES:

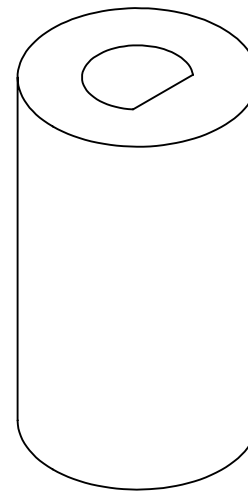
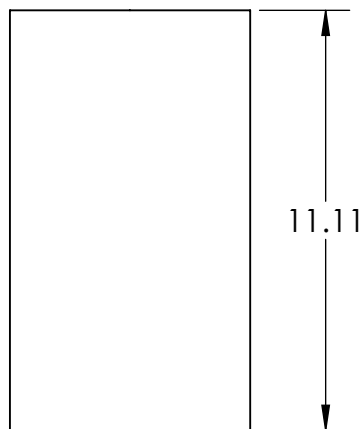
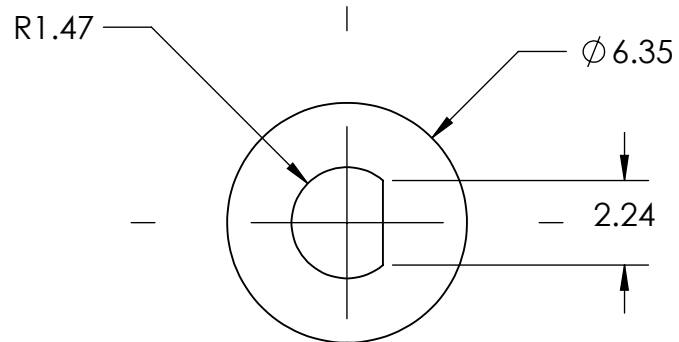
1. MATERIAL: 6061 ALUMINUM
2. FINISH: SMOOTH
3. DIMENSIONS ARE IN MM
4. 3D MODEL DIMENSIONS ARE NOMINAL
5. TOLERANCING HAS NOT BEEN ESTABLISHED
6. APPLICABLE STANDARDS/SPECIFICATIONS HAVE NOT BEEN ESTABLISHED



DATE:	12/08/2017		
TITLE:	Hinge Leaf		
PART NO.	4002-HINGE-BODY		
SIZE	DWG. NO.	REV	
A	01	1	
SCALE: 2:1			SHEET 1 OF 1

NOTES:

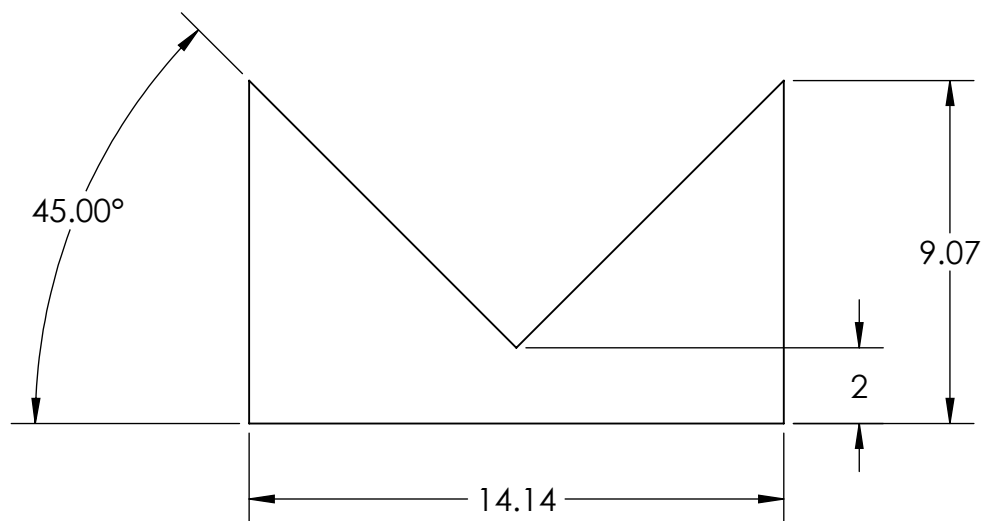
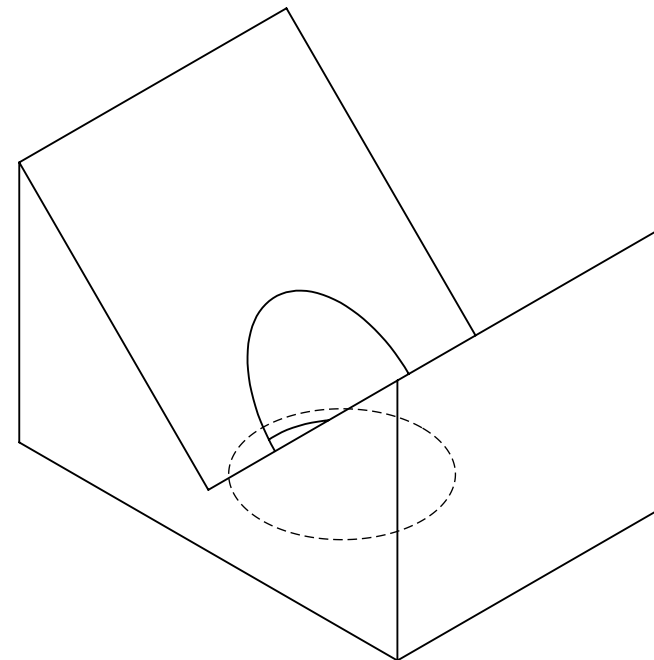
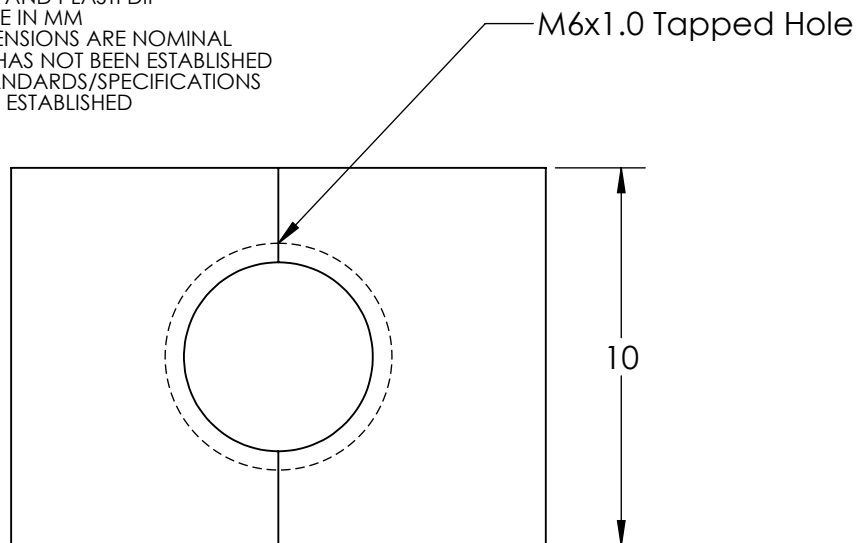
1. MATERIAL: NYLON 12
2. FINISH: 3D PRINT
3. DIMENSIONS ARE IN MM
4. 3D MODEL DIMENSIONS ARE NOMINAL
5. TOLERANCING HAS NOT BEEN ESTABLISHED
6. APPLICABLE STANDARDS/SPECIFICATIONS HAVE NOT BEEN ESTABLISHED



DATE:		12/08/2017
TITLE:		Shaft Adapter
PART NO.		3004-SHAFT-ADAPTER
SIZE	DWG. NO.	REV
A	01	1
SCALE: 5:1		SHEET 1 OF 1

NOTES:

1. MATERIAL: NYLON 12
2. FINISH: 3D PRINT AND PLASTI DIP
3. DIMENSIONS ARE IN MM
4. 3D MODEL DIMENSIONS ARE NOMINAL
5. TOLERANCING HAS NOT BEEN ESTABLISHED
6. APPLICABLE STANDARDS/SPECIFICATIONS HAVE NOT BEEN ESTABLISHED

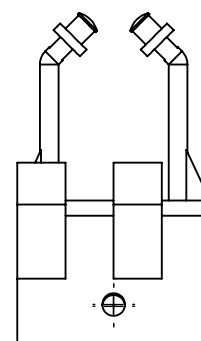
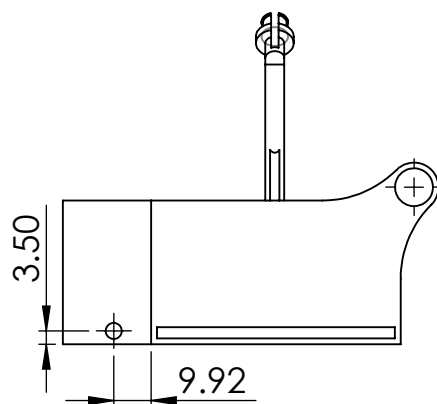
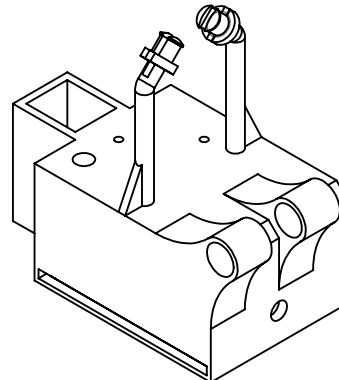
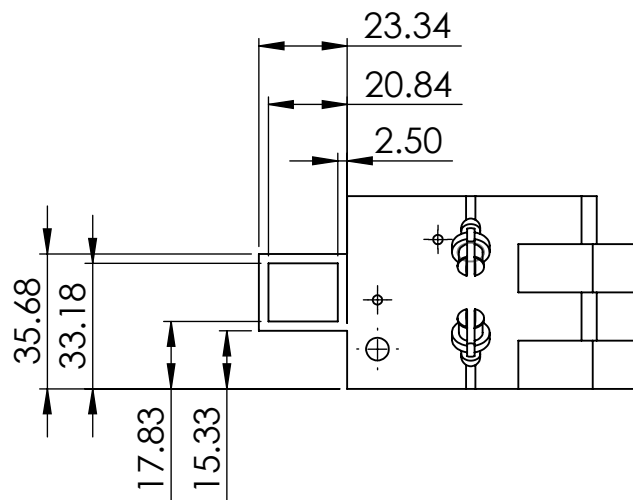


DATE:	12/08/2017		
TITLE:	Keel Holder		
PART NO.	3013-KEEL-HOLDER		
SIZE	DWG. NO.	REV	
A	01	1	
SCALE: 5:1			SHEET 1 OF 1

NOTES:

1. MATERIAL: NYLON 12
2. FINISH: 3D PRINT
3. DIMENSIONS ARE IN MM
4. 3D MODEL DIMENSIONS ARE NOMINAL
5. TOLERANCING HAS NOT BEEN ESTABLISHED
6. APPLICABLE STANDARDS/SPECIFICATIONS HAVE NOT BEEN ESTABLISHED

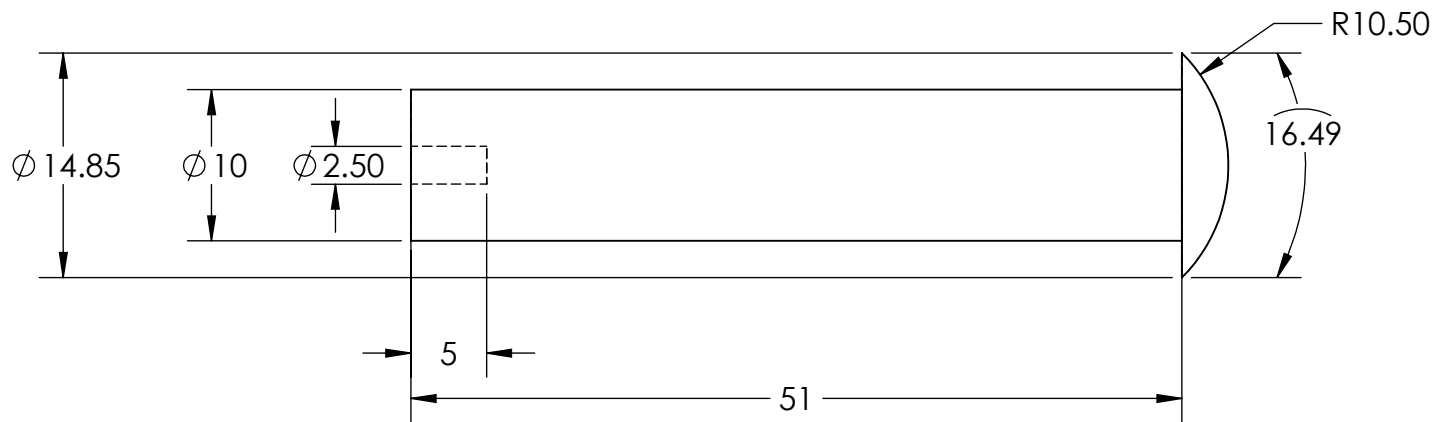
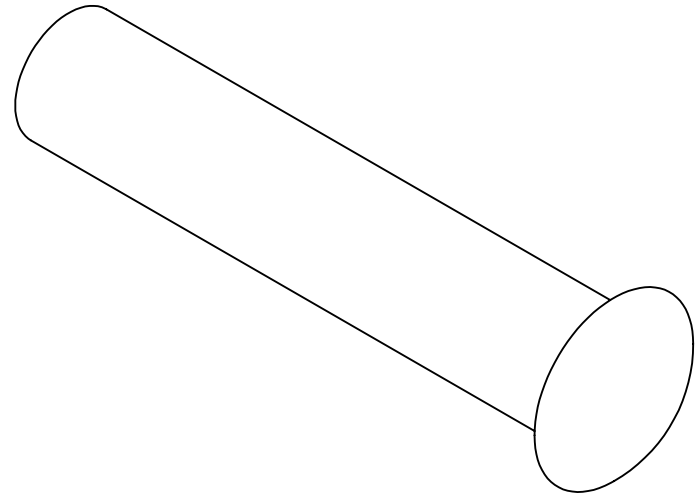
SEE 3001-GONDOLA2 FOR ALL UNLISTED DIMENSIONS



DATE:	12/08/2017		
TITLE:	Gondola 1		
PART NO.	3003-GONDOLA1		
SIZE	DWG. NO.	REV	
A	01	1	
SCALE: 1:2			SHEET 1 OF 1

NOTES:

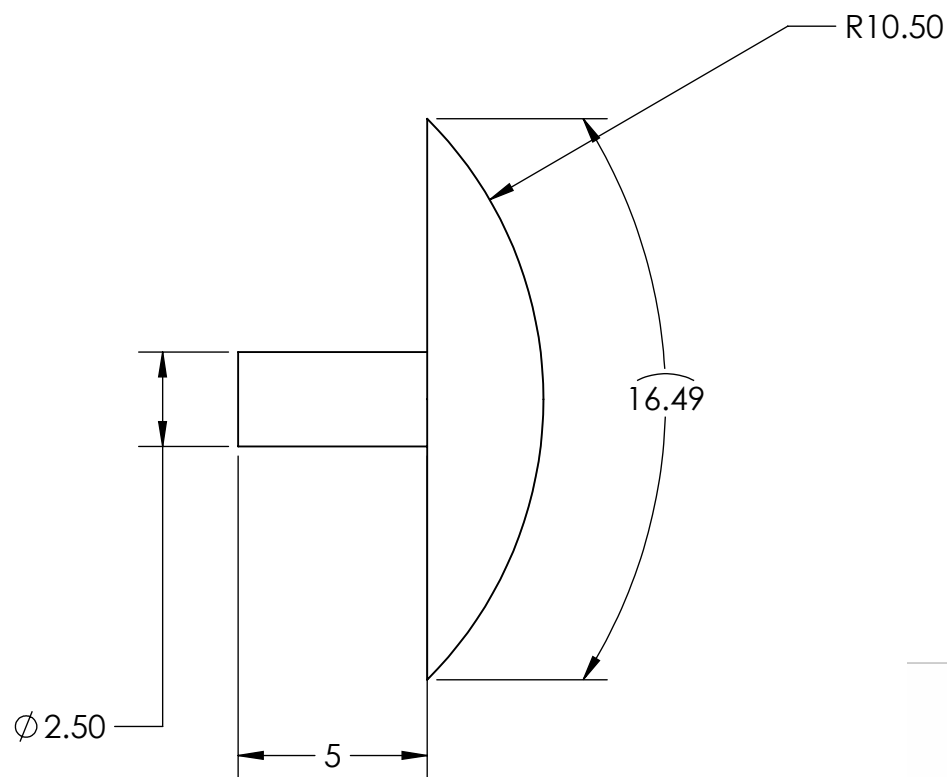
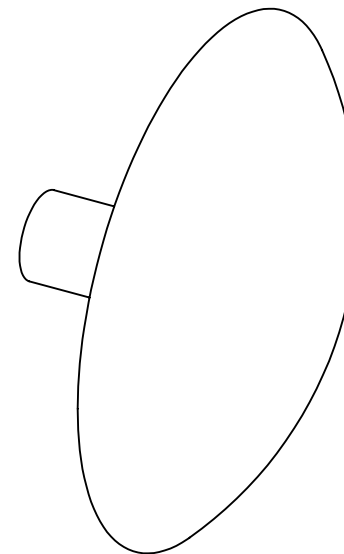
1. MATERIAL: NYLON 12
2. FINISH: 45DEG 3D PRINT
3. DIMENSIONS ARE IN MM
4. 3D MODEL DIMENSIONS ARE NOMINAL
5. TOLERANCING HAS NOT BEEN ESTABLISHED
6. APPLICABLE STANDARDS/SPECIFICATIONS HAVE NOT BEEN ESTABLISHED



DATE:	12/08/2017		
TITLE:	Hinge Pin Body		
PART NO.	3011-HINGE-BODY		
SIZE	DWG. NO.	REV	
A	01	1	
SCALE: 2:1			SHEET 1 OF 1

NOTES:

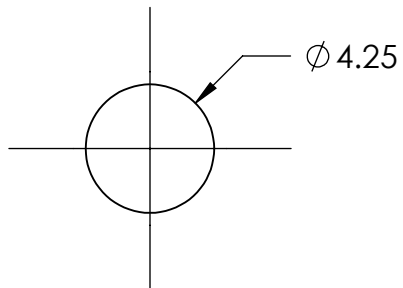
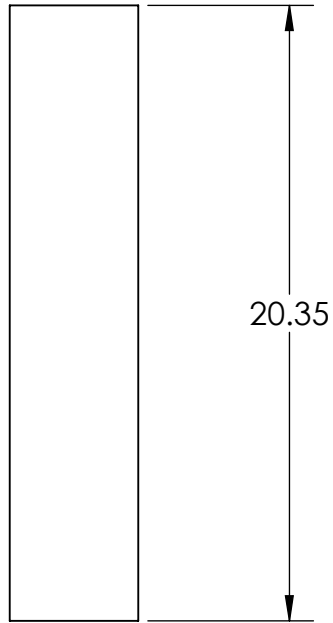
1. MATERIAL: NYLON 12
2. FINISH: 3D PRINT
3. DIMENSIONS ARE IN MM
4. 3D MODEL DIMENSIONS ARE NOMINAL
5. TOLERANCING HAS NOT BEEN ESTABLISHED
6. APPLICABLE STANDARDS/SPECIFICATIONS HAVE NOT BEEN ESTABLISHED



DATE:		12/08/2017
TITLE:		Hinge Pin Cap
PART NO.		3012-HINGE-CAP
SIZE	DWG. NO.	REV
A	01	1
SCALE: 5:1		SHEET 1 OF 1

NOTES:

1. MATERIAL: NYLON 12
2. FINISH: 3D PRINT
3. DIMENSIONS ARE IN MM
4. 3D MODEL DIMENSIONS ARE NOMINAL
5. TOLERANCING HAS NOT BEEN ESTABLISHED
6. APPLICABLE STANDARDS/SPECIFICATIONS HAVE NOT BEEN ESTABLISHED



DATE:		12/08/2017
TITLE:		Actuator Pin
PART NO.		3008-ACTUATOR-PIN
SIZE	DWG. NO.	REV
A	01	1
SCALE: 4:1		SHEET 1 OF 1