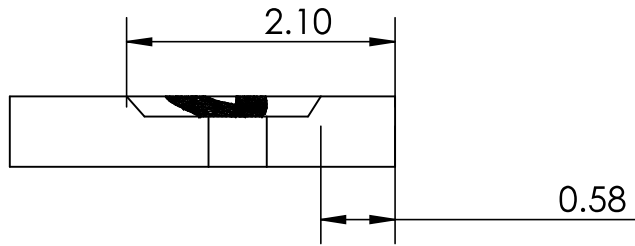


<p><b>PROPRIETARY AND CONFIDENTIAL</b></p> <p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF &lt;INSERT COMPANY NAME HERE&gt;. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF &lt;INSERT COMPANY NAME HERE&gt; IS PROHIBITED.</p>			UNLESS OTHERWISE SPECIFIED:		NAME	DATE	<p>TITLE:</p> <h1>39_Top_Mold</h1>	
			DIMENSIONS ARE IN INCHES	DRAWN	CADEN			
			TOLERANCES:	CHECKED				
			FRACTIONAL ± 0.375mm	ENG APPR.				
			ANGULAR: MACH ± BEND ±	MFG APPR.				
		TWO PLACE DECIMAL ±	Q.A.					
		THREE PLACE DECIMAL ±	COMMENTS:					
		INTERPRET GEOMETRIC TOLERANCING PER:						
		MATERIAL	ABS RESIN					
	NEXT ASSY	USED ON	FINISH					
	APPLICATION		DO NOT SCALE DRAWING					
				SIZE	DWG. NO.	REV		
				<b>A</b>	1			
				SCALE: 1:1	WEIGHT:	SHEET 1 OF 1		

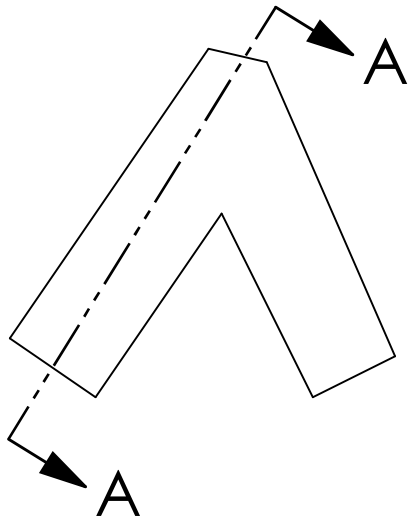
2

1

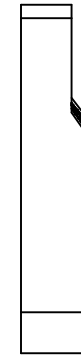
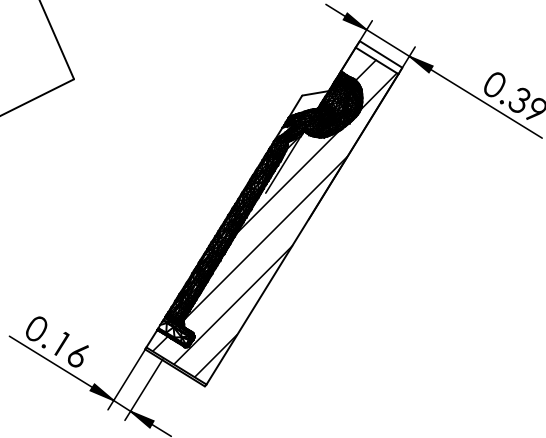


B

B



SECTION A-A  
SCALE 1 : 1.5



A

A

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	CADEN	
		TOLERANCES: FRACTIONAL ± 0.375mm	CHECKED		
		ANGULAR: MACH ± BEND ±	ENG APPR.		
		TWO PLACE DECIMAL ±	MFG APPR.		
		THREE PLACE DECIMAL ±	Q.A.		
		INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS:		
		MATERIAL ABS RESIN			
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

TITLE:  
**39\_Bottom\_mold**

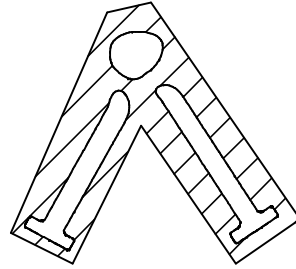
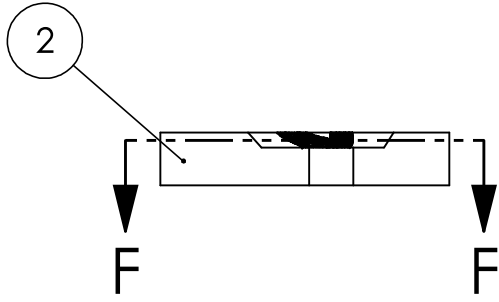
SIZE	DWG. NO.	REV
<b>A</b>	<b>2</b>	
SCALE: 1:1	WEIGHT:	SHEET 1 OF 1

2

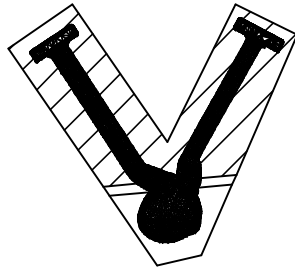
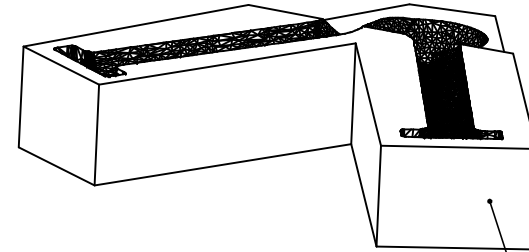
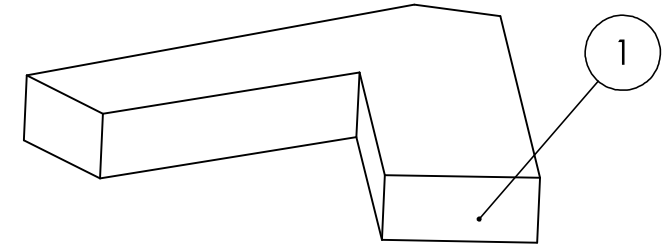
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2

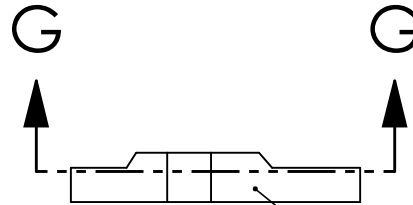
1



SECTION G-G



SECTION F-F



2

1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	39_Top_mold		1
2	39-bottom_mold		1

A

A

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES  
 TOLERANCES:  
 FRACTIONAL  $\pm 0.375\text{mm}$   
 ANGULAR: MACH  $\pm$  BEND  $\pm$   
 TWO PLACE DECIMAL  $\pm$   
 THREE PLACE DECIMAL  $\pm$

INTERPRET GEOMETRIC TOLERANCING PER:

MATERIAL **ABS RESIN**

FINISH

NAME	DATE
------	------

DRAWN	CADEN
-------	-------

CHECKED	
---------	--

ENG APPR.	
-----------	--

MFG APPR.	
-----------	--

Q.A.	
------	--

COMMENTS:	
-----------	--

TITLE:

39\_Mold

SIZE	DWG. NO.	REV
------	----------	-----

**A**

3

SCALE: 1:2

WEIGHT:

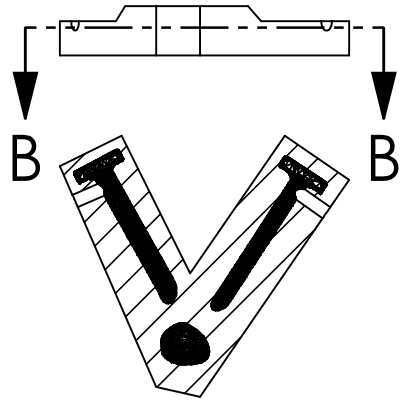
SHEET 1 OF 1

2

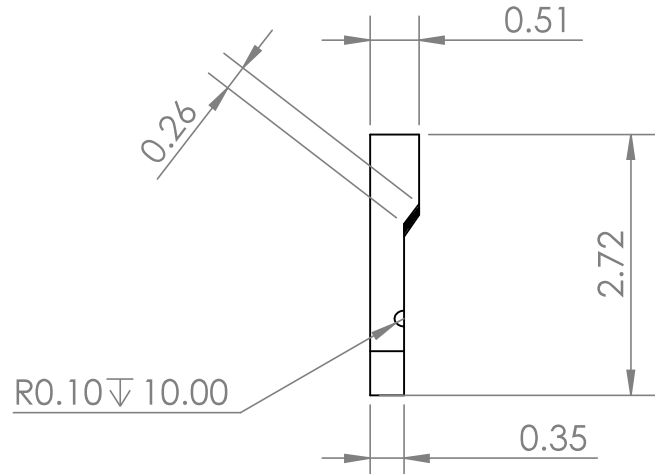
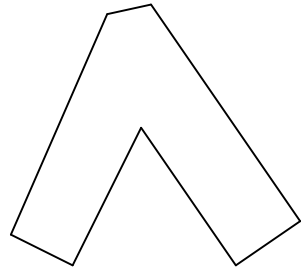
1

2

1



**SECTION B-B**  
SCALE 1 : 2



B

B

A

A

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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	CADEN
		TOLERANCES: FRACTIONAL ± 0.375mm	CHECKED	
		ANGULAR: MACH ± BEND ±	ENG APPR.	
		TWO PLACE DECIMAL ±	MFG APPR.	
		THREE PLACE DECIMAL ±	Q.A.	
		INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS:	
		MATERIAL <b>ABS RESIN</b>		
NEXT ASSY	USED ON	FINISH		
APPLICATION		DO NOT SCALE DRAWING		

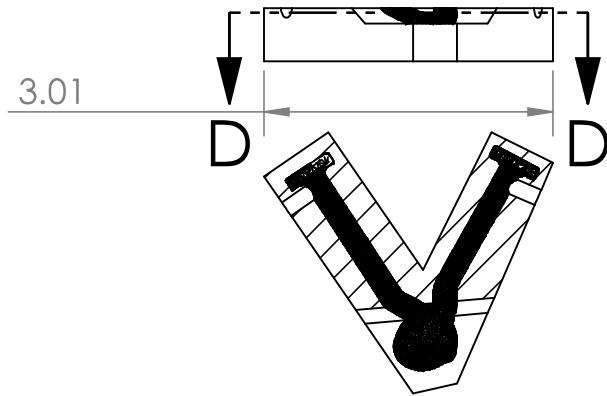
TITLE: <b>39_Bottom_Holes</b>		
SIZE <b>A</b>	DWG. NO. <b>4</b>	REV
SCALE: 1:1	WEIGHT:	SHEET 1 OF 1

2

1

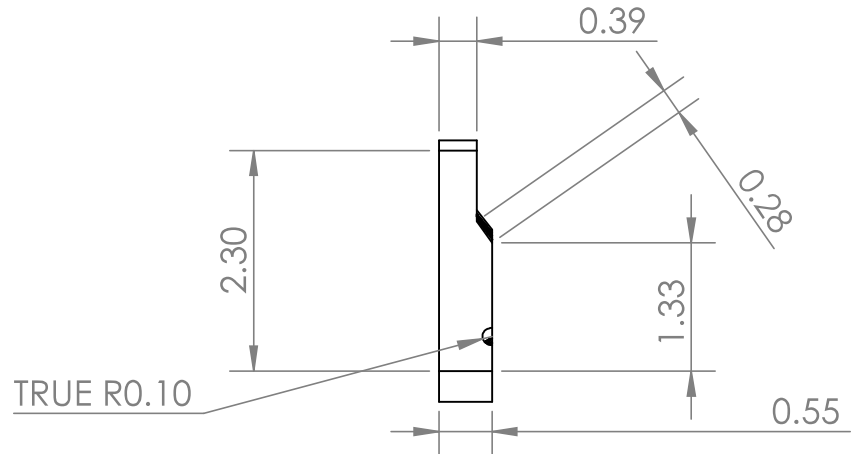
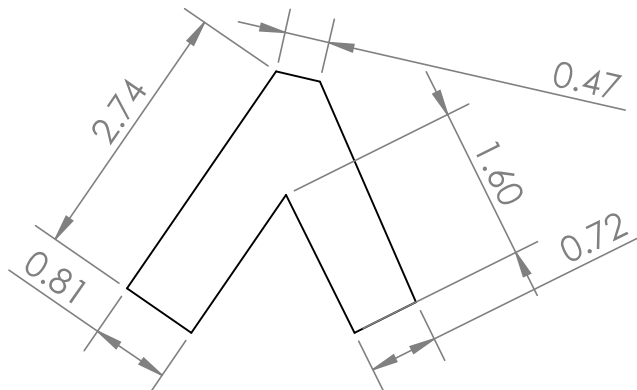
B

B



### SECTION D-D

SCALE 1 : 2



A

A

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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	CADEN
		TOLERANCES:	CHECKED	
		FRACTIONAL ± 0.375mm	ENG APPR.	
		ANGULAR: MACH ± BEND ±	MFG APPR.	
		TWO PLACE DECIMAL ±	Q.A.	
		THREE PLACE DECIMAL ±	COMMENTS:	
		INTERPRET GEOMETRIC TOLERANCING PER:		
		MATERIAL	ABS RESIN	
NEXT ASSY	USED ON	FINISH		
APPLICATION		DO NOT SCALE DRAWING		

TITLE:		
39_Top_Hole		
SIZE	DWG. NO.	REV
A	5	
SCALE: 1:1	WEIGHT:	SHEET 1 OF 1

2

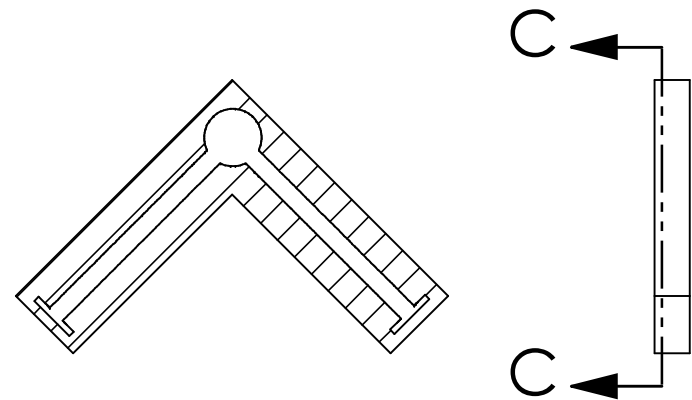
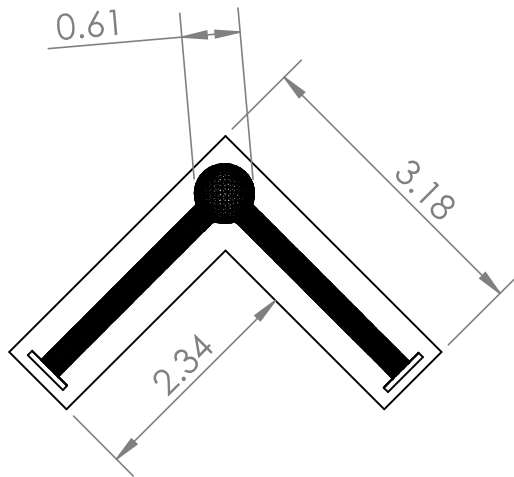
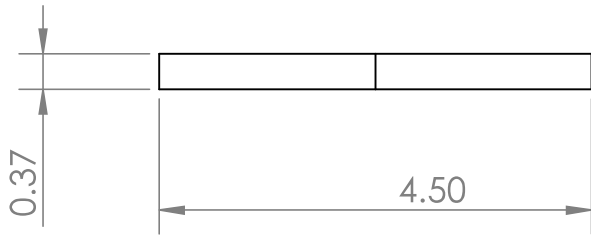
1

2

1

B

B



### SECTION C-C

SCALE 1 : 2

A

A

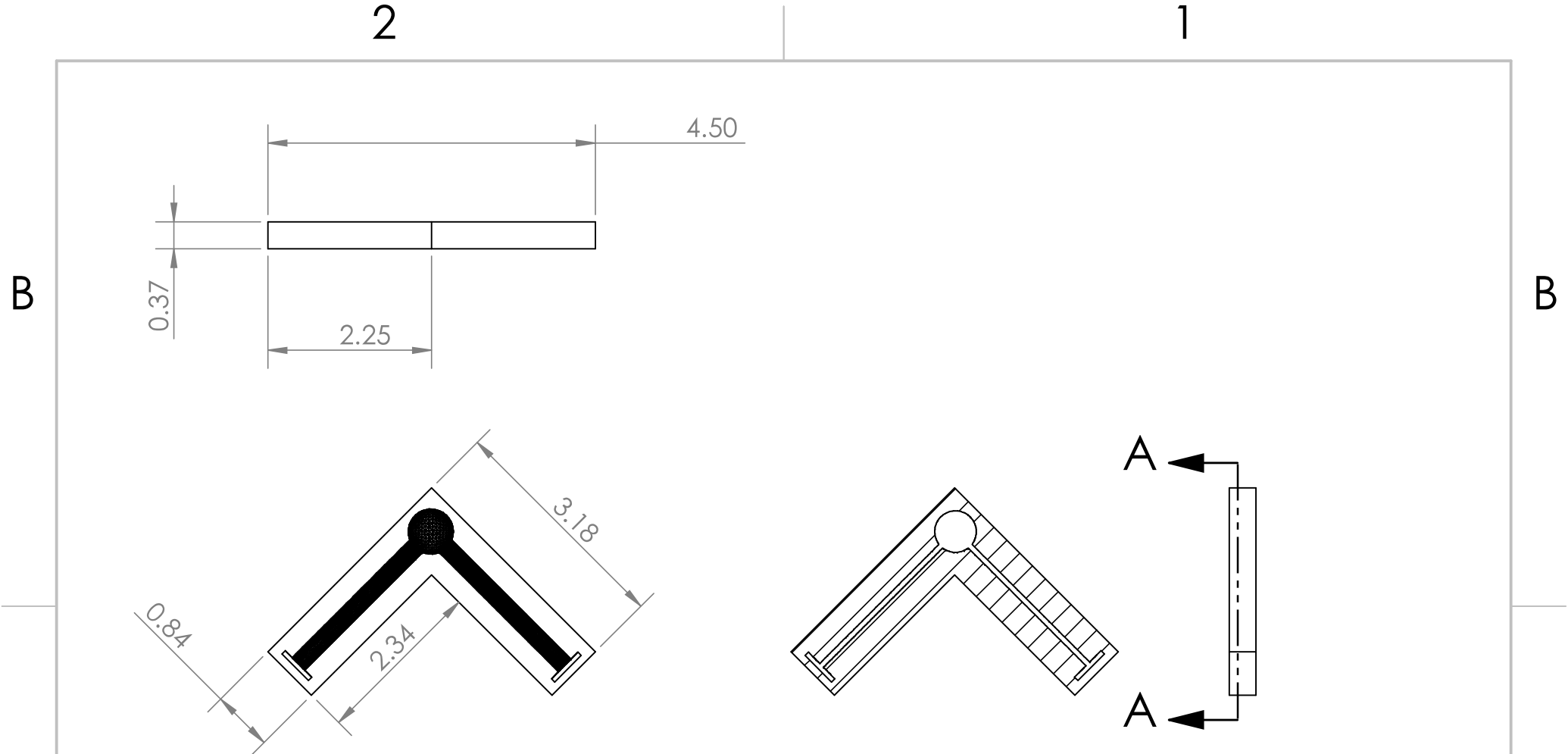
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	ANNA	
		TOLERANCES: FRACTIONAL ± 0.375mm	CHECKED		
		ANGULAR: MACH ± BEND ±	ENG APPR.		
		TWO PLACE DECIMAL ±	MFG APPR.		
		THREE PLACE DECIMAL ±	Q.A.		
		INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS:		
		MATERIAL <b>ABS RESIN</b>			
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

TITLE: <b>Ideal_Bottom</b>		
SIZE <b>A</b>	DWG. NO. <b>6</b>	REV
SCALE: 1:1	WEIGHT:	SHEET 1 OF 1

2

1



SECTION A-A  
SCALE 1 : 2

A

A

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	ANNA	
		TOLERANCES:	CHECKED		
		FRACTIONAL ± 0.375mm	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
		ABS RESIN			
		FINISH			
NEXT ASSY	USED ON				
APPLICATION		DO NOT SCALE DRAWING			

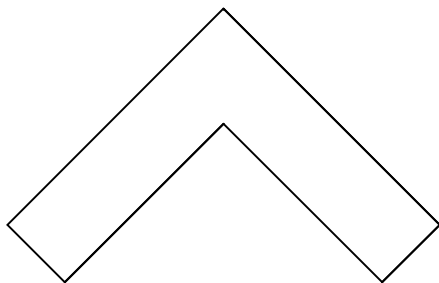
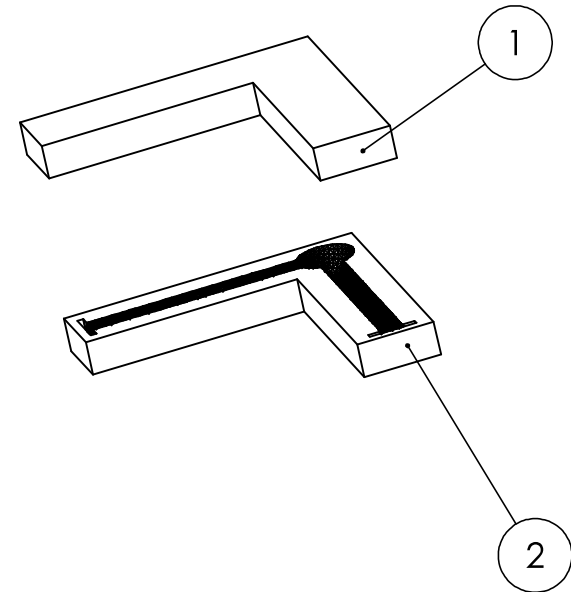
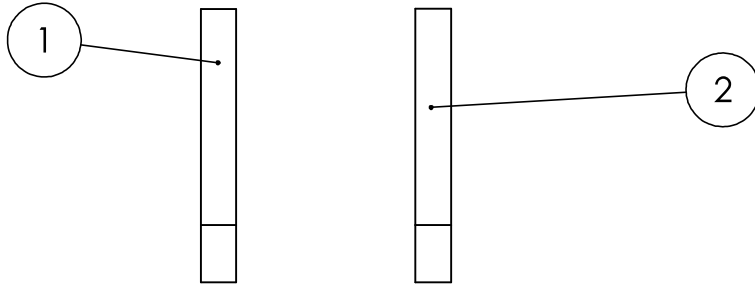
TITLE:		
Ideal_Top		
SIZE	DWG. NO.	REV
A	7	
SCALE: 1:1	WEIGHT:	SHEET 1 OF 1

2

1

B

B



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Ideal_Top		1
2	Ideal_Bottom		1

A

A

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	ANNA	
		TOLERANCES: FRACTIONAL ± 0.375mm	CHECKED		
		ANGULAR: MACH ± BEND ±	ENG APPR.		
		TWO PLACE DECIMAL ±	MFG APPR.		
		THREE PLACE DECIMAL ±	Q.A.		
		INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS:		
		MATERIAL	ABS RESIN		
		FINISH			
NEXT ASSY	USED ON	APPLICATION	DO NOT SCALE DRAWING		

TITLE:		
Ideal_Mold		
SIZE	DWG. NO.	REV
A	8	
SCALE: 1:2	WEIGHT:	SHEET 1 OF 1

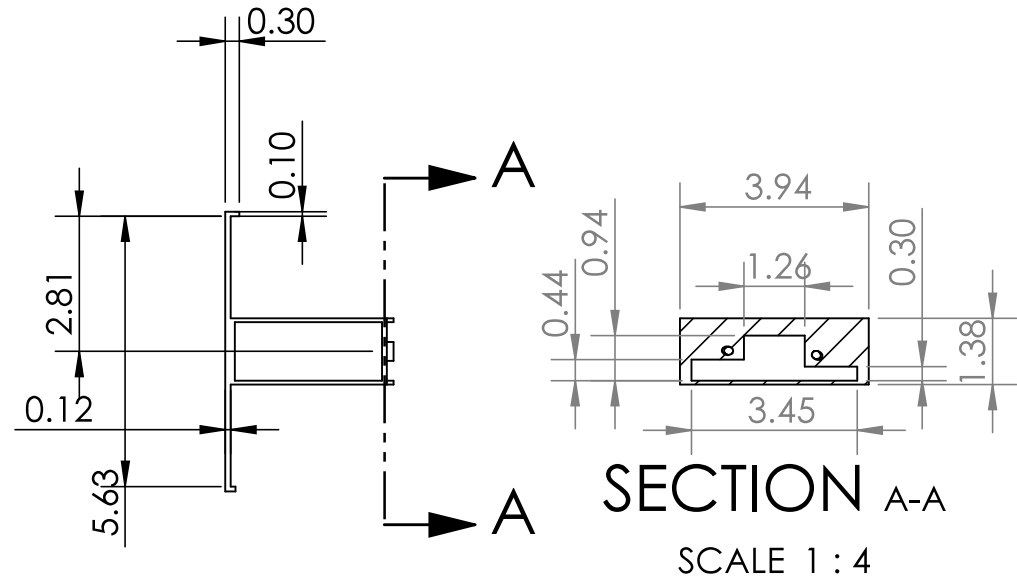
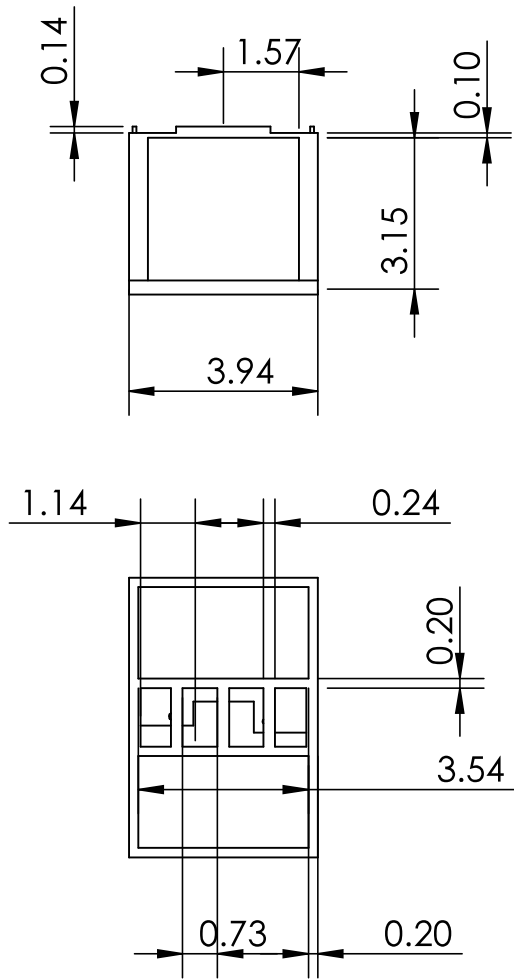
2

1



B

A



B

A

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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	CADEN
		TOLERANCES: <b>0.375mm</b>	CHECKED	
		FRACTIONAL ±	ENG APPR.	
		ANGULAR: MACH ± BEND ±	MFG APPR.	
		TWO PLACE DECIMAL ±	Q.A.	
		THREE PLACE DECIMAL ±	COMMENTS:	
		INTERPRET GEOMETRIC TOLERANCING PER:		
		MATERIAL <b>ABS RESIN</b>		
NEXT ASSY	USED ON	FINISH		
APPLICATION		DO NOT SCALE DRAWING		

TITLE:  
**Aneurysm\_Holder**

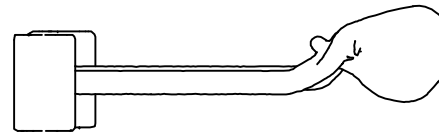
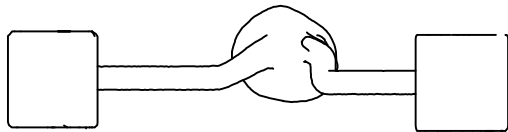
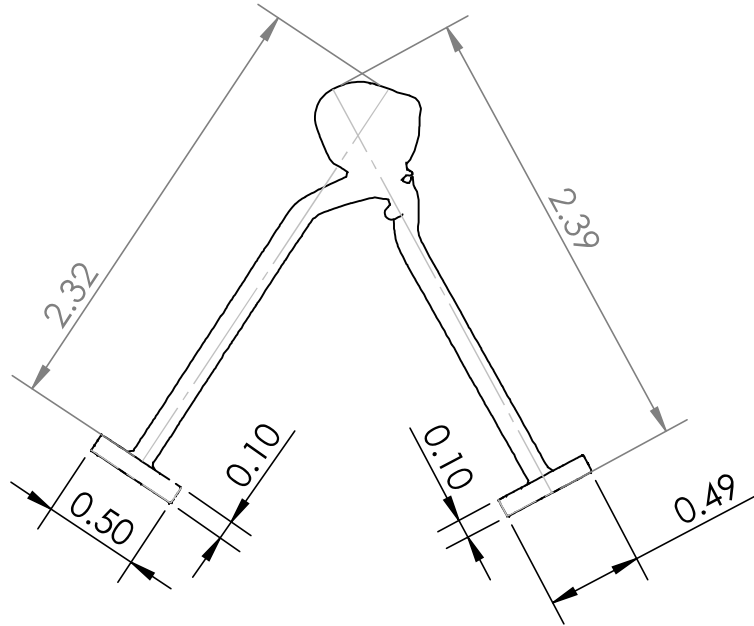
SIZE	DWG. NO.	REV
<b>A</b>	<b>9</b>	
SCALE: 1:2	WEIGHT:	SHEET 1 OF 1

2

1

B

B



A

A

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

TITLE:		
39_Solid		
SIZE	DWG. NO.	REV
A	10	
SCALE: 1:1	WEIGHT:	SHEET 1 OF 1

2

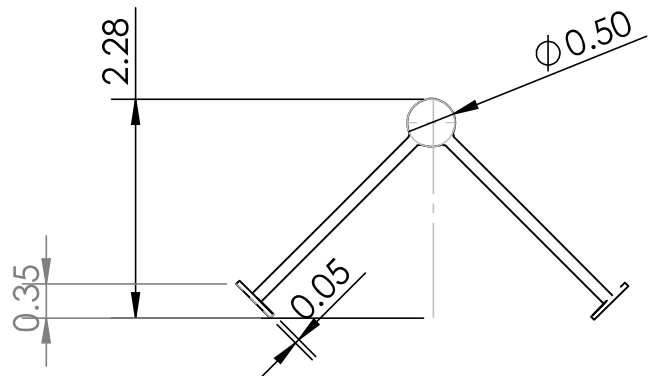
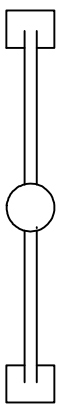
1

2

1

B

B



A

A

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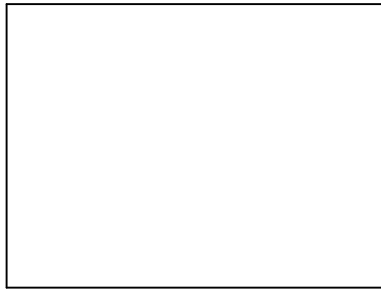
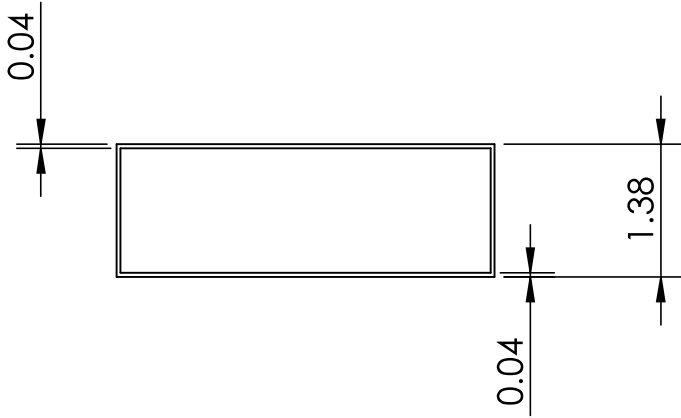
		UNLESS OTHERWISE SPECIFIED:	NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	AMANDA
		TOLERANCES:	CHECKED	
		FRACTIONAL ±	ENG APPR.	
		ANGULAR: MACH ± BEND ±	MFG APPR.	
		TWO PLACE DECIMAL ±	Q.A.	
		THREE PLACE DECIMAL ±	COMMENTS:	
		INTERPRET GEOMETRIC TOLERANCING PER:	MATERIAL <b>WATER WASHABLE RESIN</b>	
		MATERIAL		
NEXT ASSY	USED ON	FINISH		
APPLICATION		DO NOT SCALE DRAWING		

TITLE: <b>Ideal_Aneurysm</b>		
SIZE	DWG. NO.	REV
<b>A</b>	<b>11</b>	
SCALE: 1:2	WEIGHT:	SHEET 1 OF 1

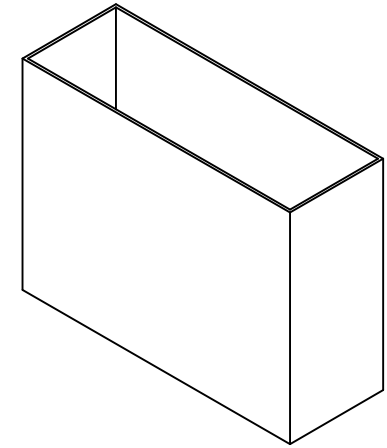
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1

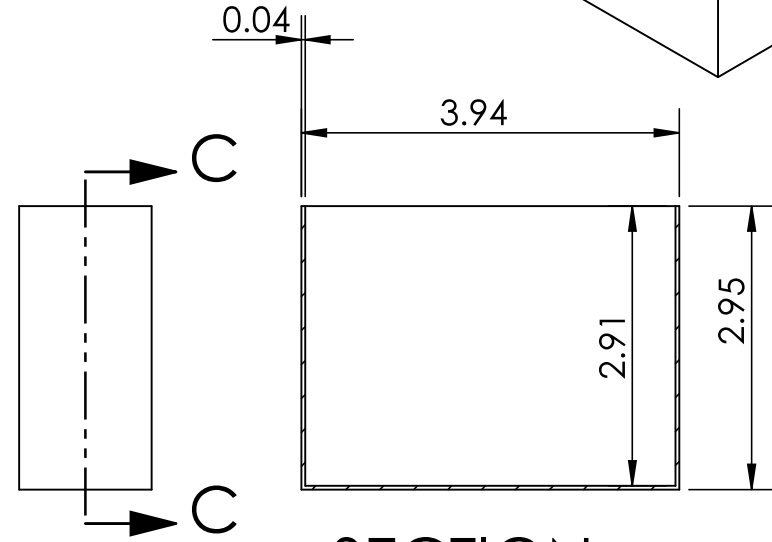
B



1



B



SECTION C-C

SCALE 1 : 2

A

A

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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	AMANDA
		TOLERANCES:	CHECKED	
		FRACTIONAL ±	ENG APPR.	
		ANGULAR: MACH ± BEND ±	MFG APPR.	
		TWO PLACE DECIMAL ±	Q.A.	
		THREE PLACE DECIMAL ±	COMMENTS:	
		INTERPRET GEOMETRIC TOLERANCING PER:	MATERIAL <b>CLEAR ACRYLLIC PANELS</b>	
		MATERIAL		
		FINISH		
NEXT ASSY	USED ON	APPLICATION	DO NOT SCALE DRAWING	

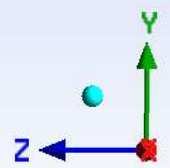
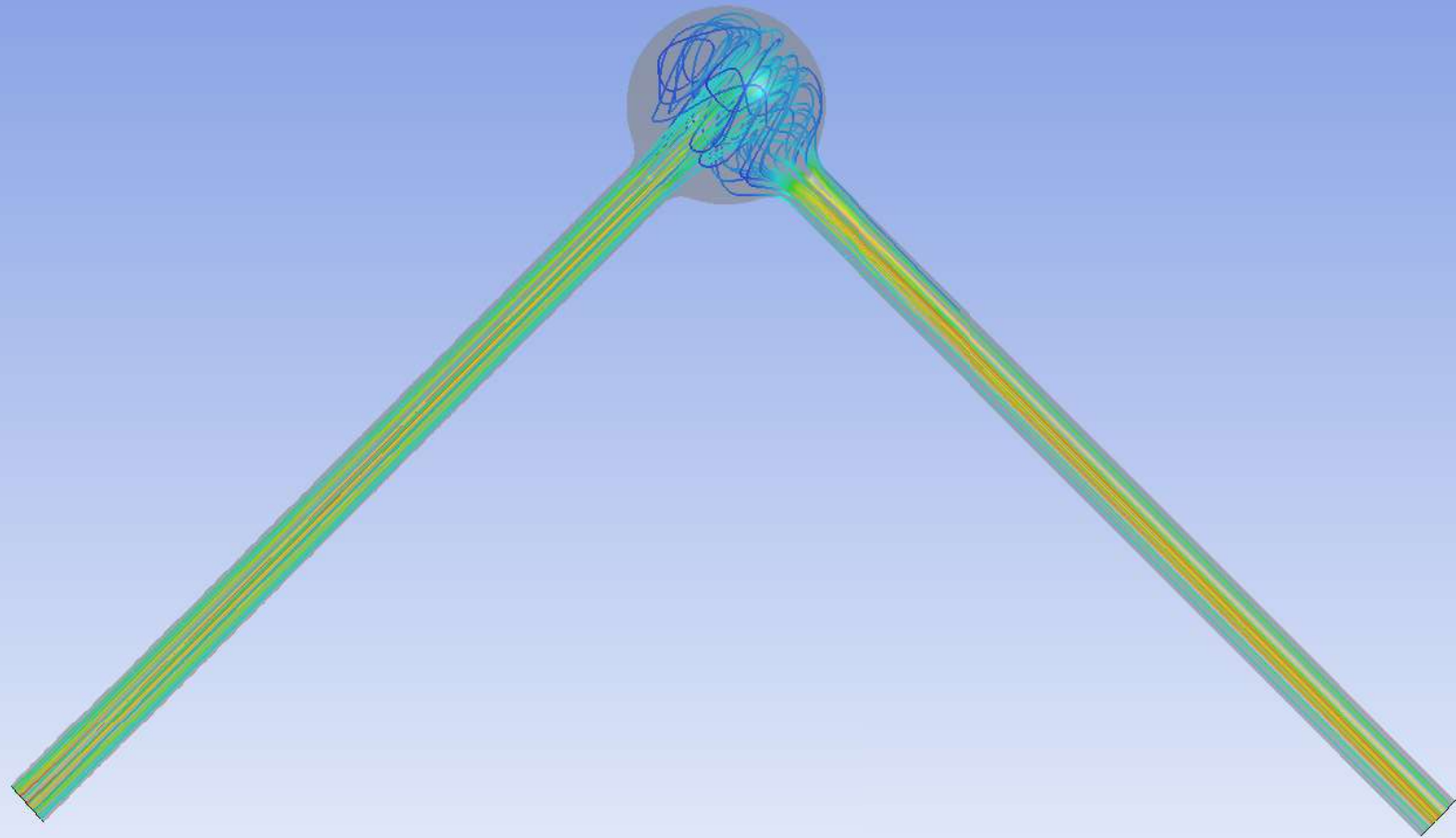
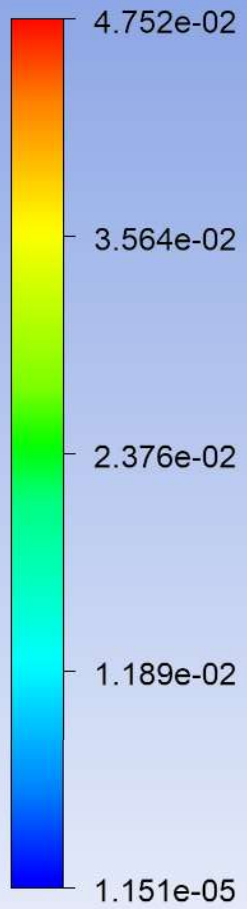
TITLE:  
**Gelatin Container**

SIZE	DWG. NO.	REV
<b>A</b>	<b>12</b>	
SCALE: 1:1	WEIGHT:	SHEET 1 OF 1

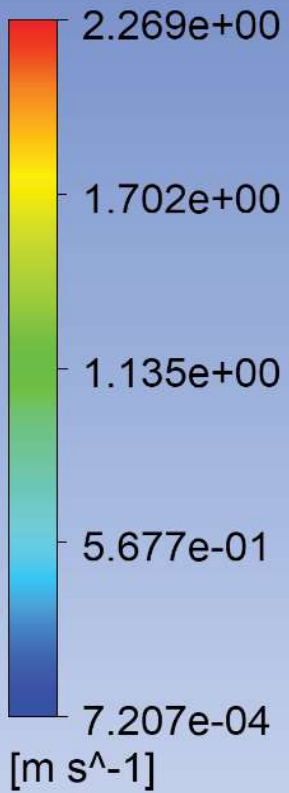
2

1

Velocity  
Streamline 1

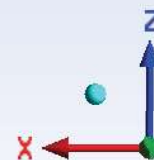
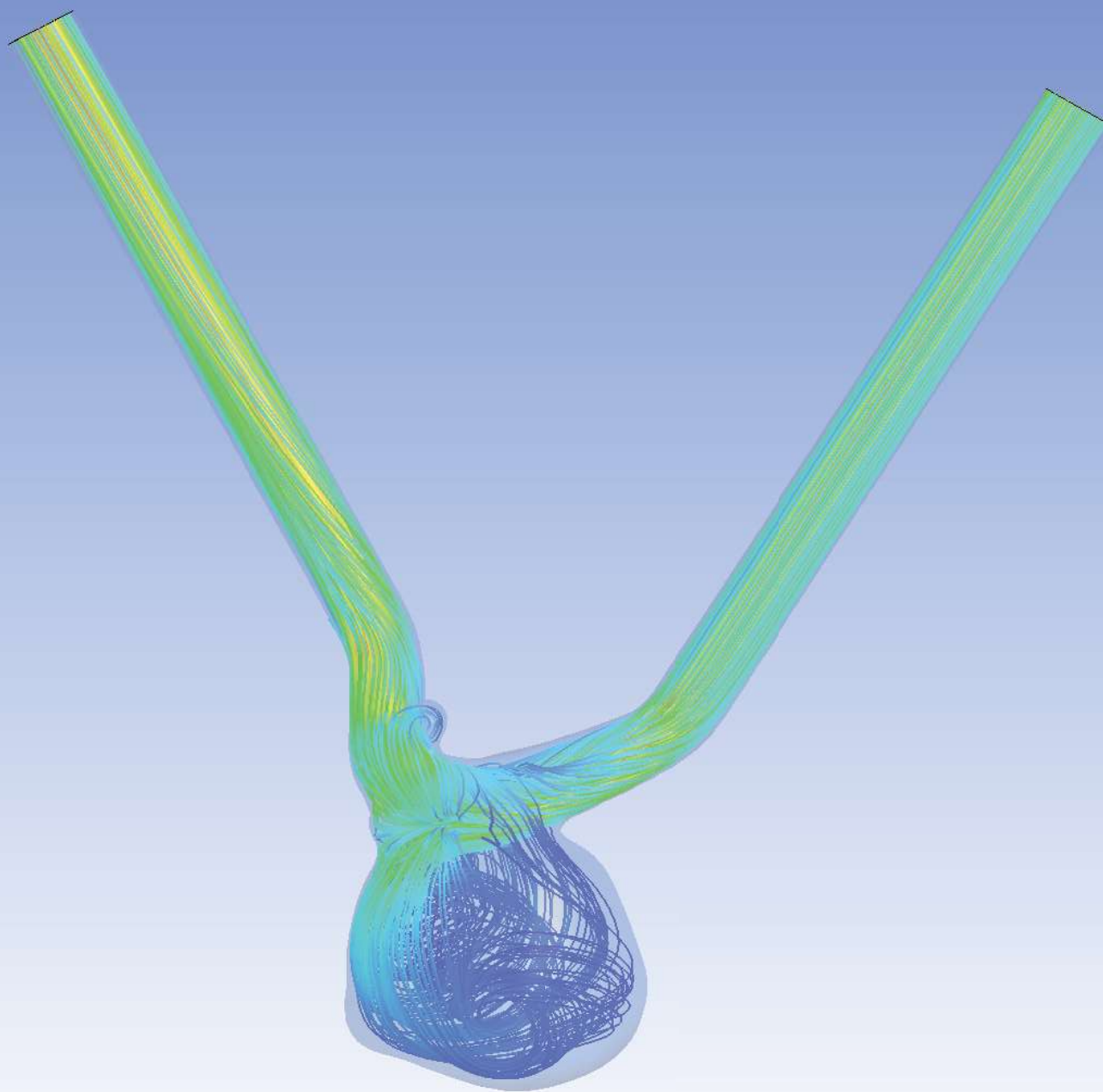


Velocity  
Streamline 1



2.269e+00  
1.702e+00  
1.135e+00  
5.677e-01  
7.207e-04  
[m s<sup>-1</sup>]

The legend is a vertical color bar on the left side of the image. It shows a gradient from dark blue at the bottom to dark red at the top. Tick marks are placed at 7.207e-04, 5.677e-01, 1.135e+00, 1.702e+00, and 2.269e+00. The unit [m s<sup>-1</sup>] is located at the bottom of the legend.



<b>Software</b>	<b>ANSYS CFX</b>
Inflow Conditions	8 [Pa]
Outflow Conditions	0 [Pa]
Density of Newtonian fluid	1.05 [ $\text{g/cm}^3$ ]
Viscosity of Newtonian fluid	0.0045 [Pa s]