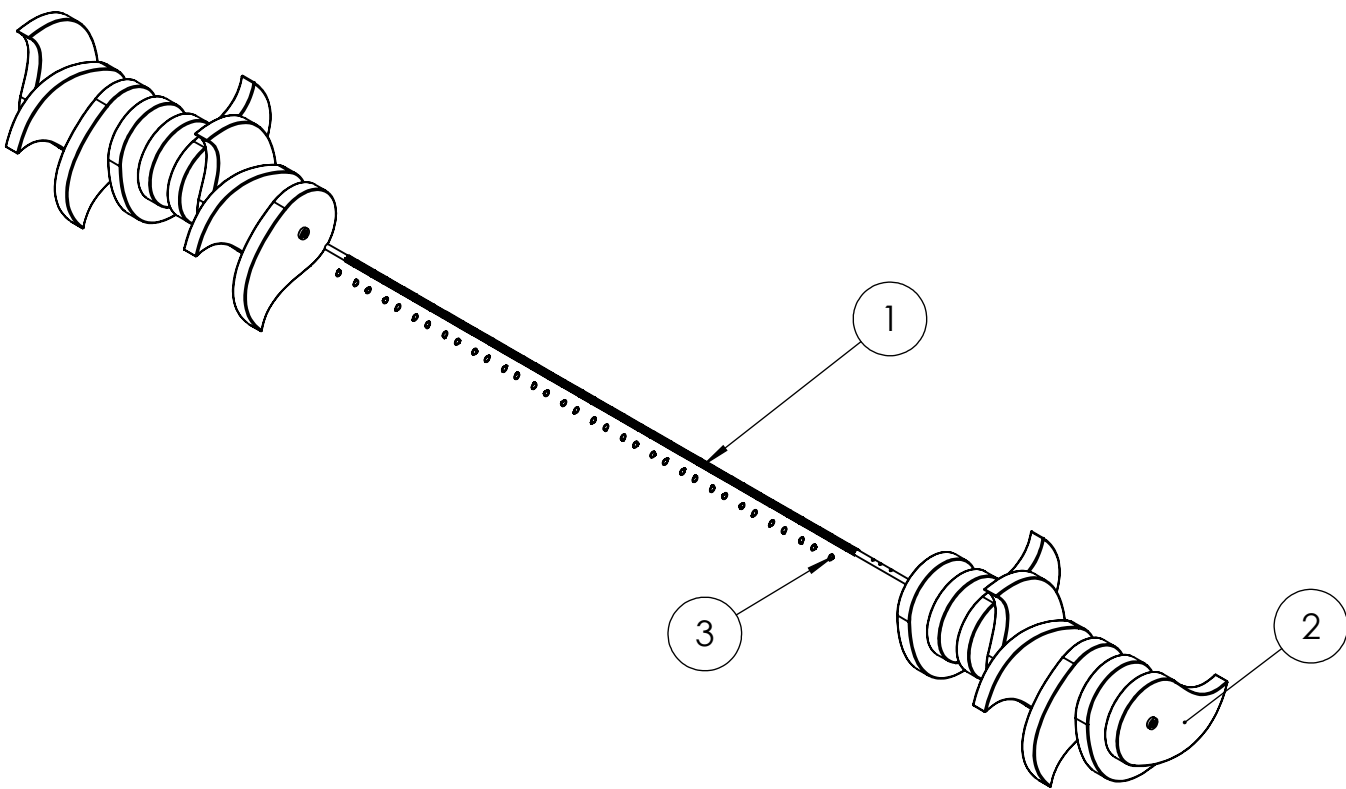
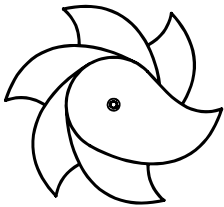
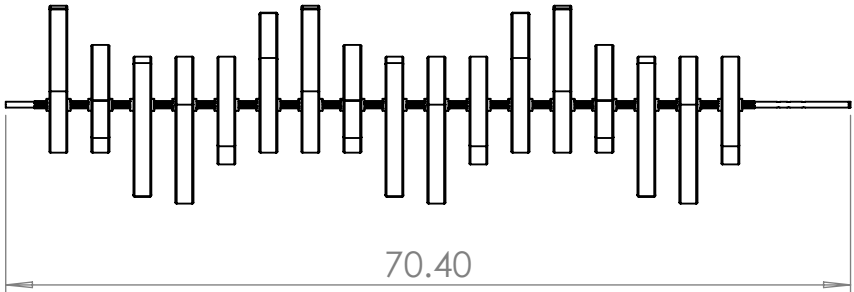
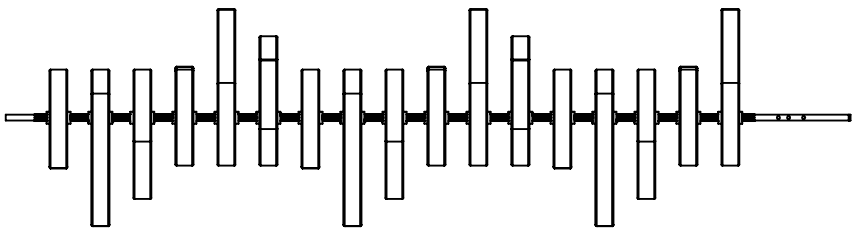

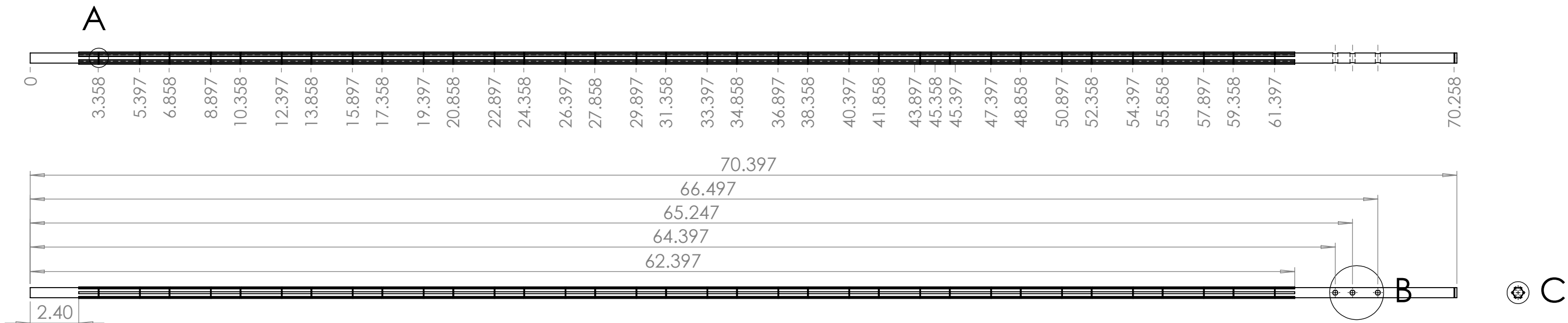
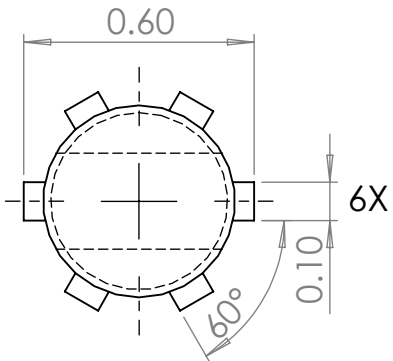
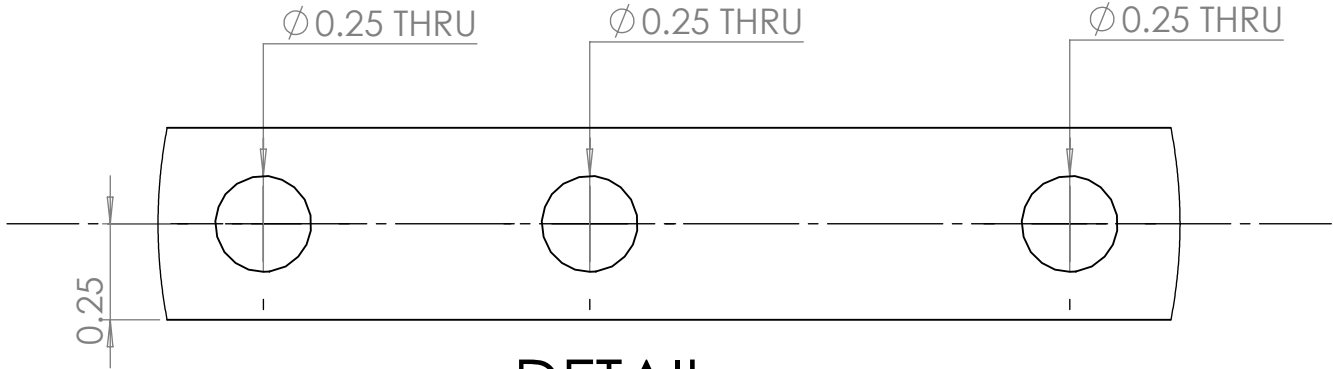
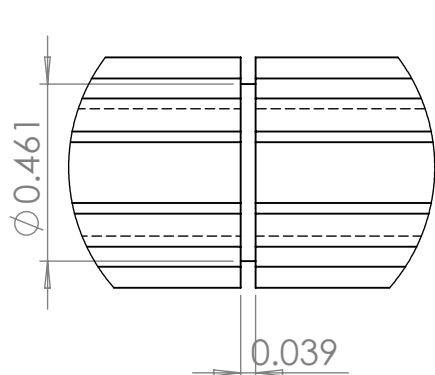


Questions? Contact toni.saylor@students.olin.edu

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	SSS-1100-01	Left and Right Shaft	1
2	SSS-1110-01	Cam	17
3	91590A122	.5" Retaining Ring from McMaster	34



UNLESS OTHERWISE SPECIFIED:			 Olin College of Engineering		
QTY: 2	MATERIAL: N/A				
ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994			TITLE Outside Cam Shaft Assembly		
TOLERANCES UNLESS OTHERWISE SPECIFIED: X.X ±0.03 X.XX ±0.01 X.XXX ±0.005 ±0.5° 125/					
REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX			SIZE B	PART NO. SSS-1100-00	REV G
THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR2340, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.			SCALE 1:16	DO NOT SCALE PRINT	SHEET 1 OF 1



ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994

TOLERANCES UNLESS OTHERWISE SPECIFIED:
X.X ±0.03
X.XX ±0.01
X.XXX ±0.005

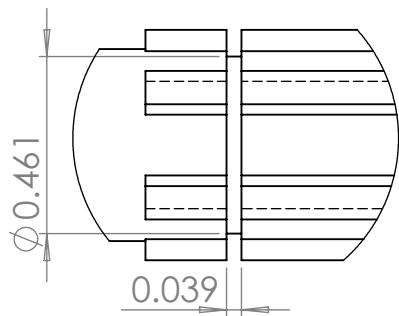
±0.5° 125°

REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX

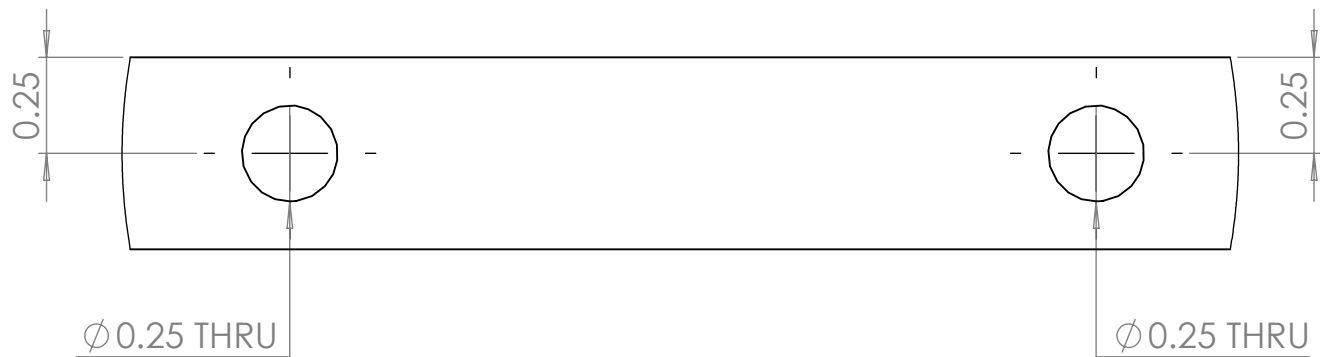
UNLESS OTHERWISE SPECIFIED:		
QTY: 2	MATERIAL: <i>AISI 304 Steel</i>	
<i>DIMENSIONS ARE IN INCHES.</i>		
<i>ENGINEER</i>	<i>tsaylor</i>	<i>11/7/2015</i>
<i>DRAWN</i>	<i>tsaylor</i>	<i>11/7/2015</i>
<i>CHECKED</i>	<i>jodonnell</i>	<i>11/8/2015</i>
<i>THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR2340, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.</i>		



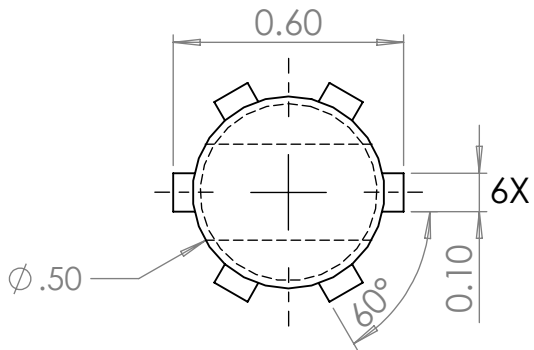
TITLE Left and Right Shaft		
SIZE B	PART NO. SSS-1100-01	REV Y
SCALE 1:5	DO NOT SCALE PRINT	SHEET 1 OF 1



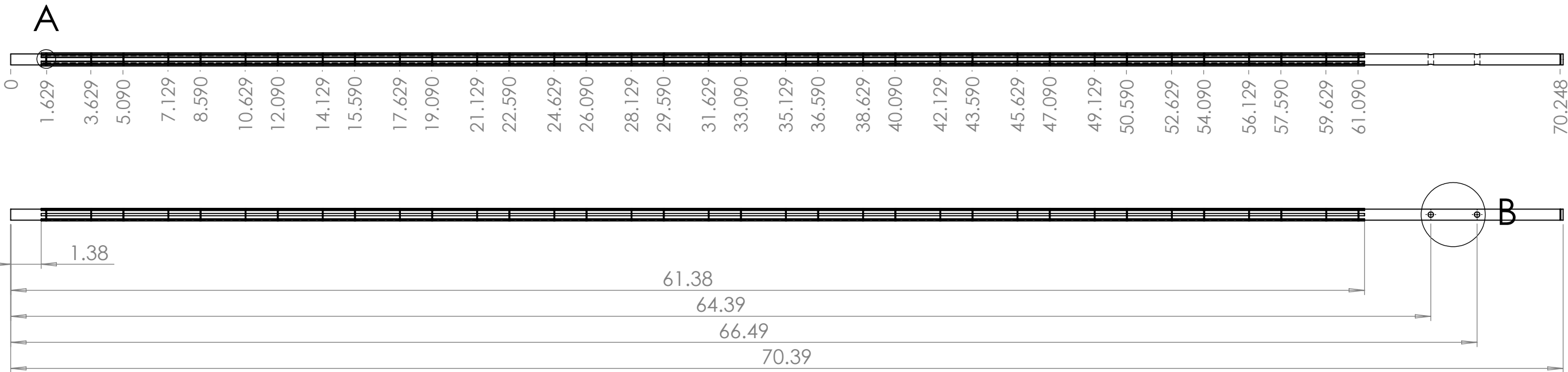
DETAIL A
SCALE 2 : 1




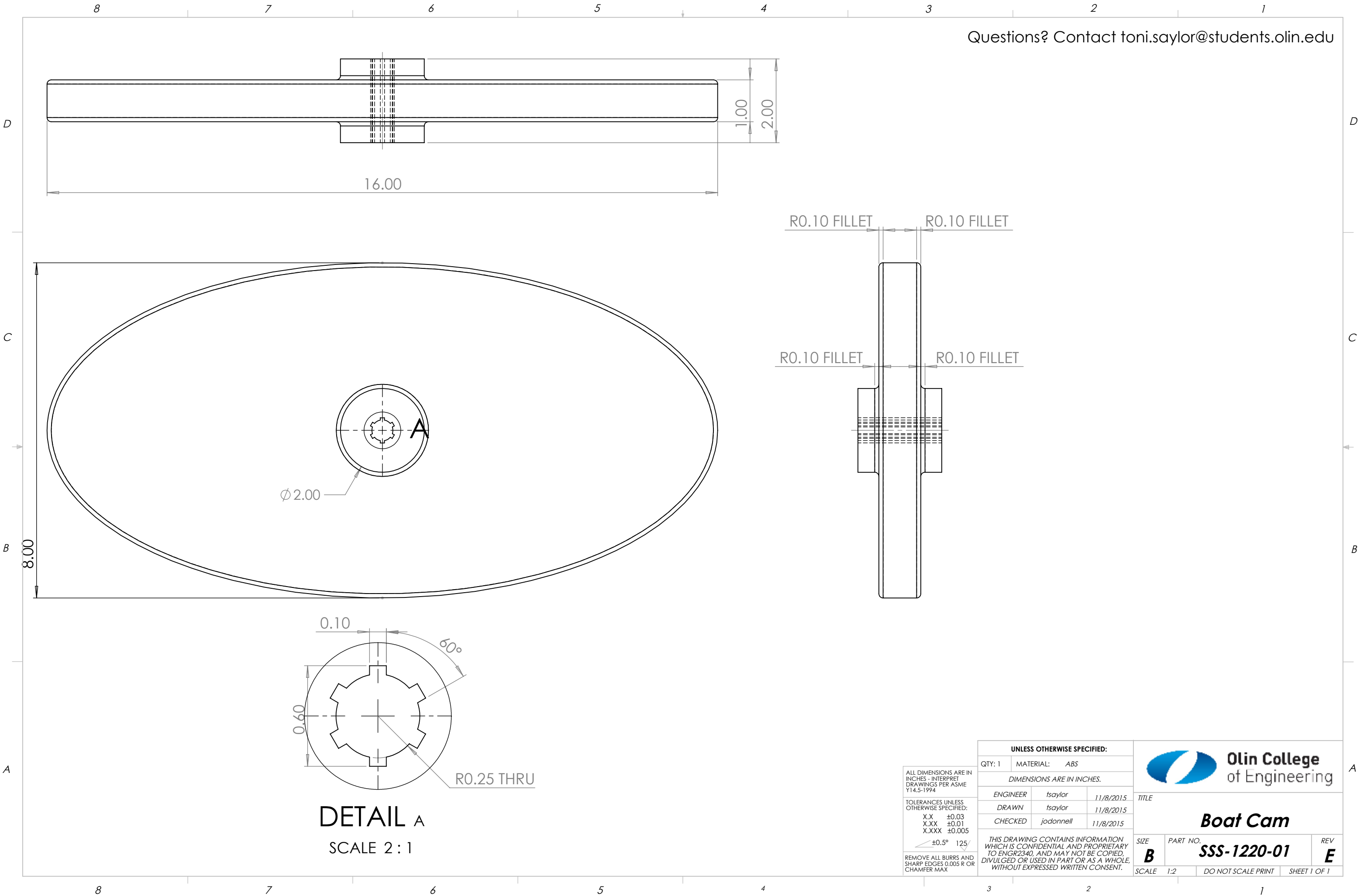
DETAIL B
SCALE 2 : 1



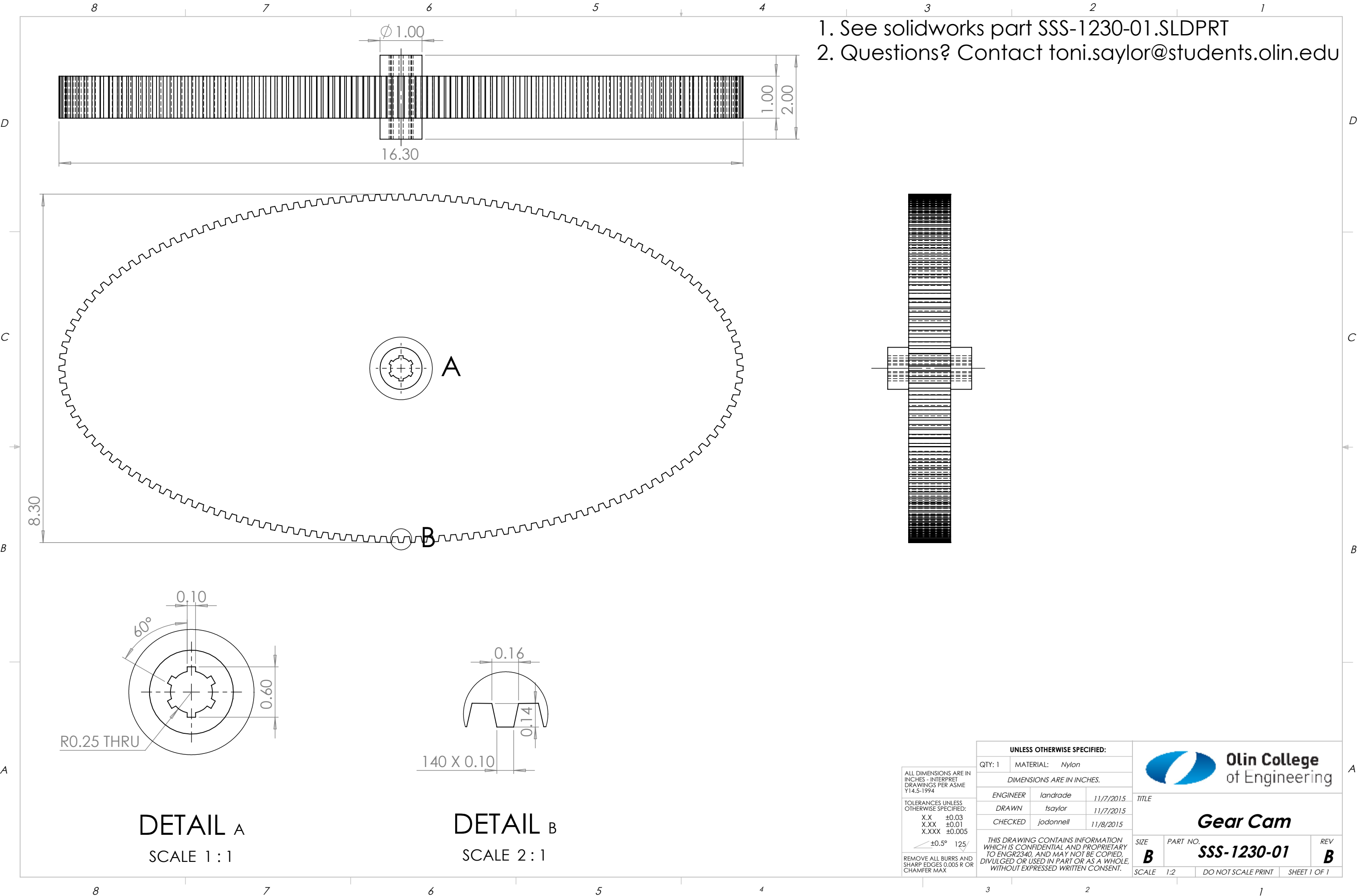
DETAIL C
SCALE 2 : 1



<div>ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994</div> <div>TOLERANCES UNLESS OTHERWISE SPECIFIED: X.X ±0.03 X.XX ±0.01 X.XXX ±0.005</div> <div>±0.5° 125°</div> <div>REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX</div>	UNLESS OTHERWISE SPECIFIED:			<div> Olin College of Engineering</div> <div>TITLE</div> <div>Center Shaft</div>
	QTY: 1	MATERIAL: AISI 3031 Steel		
	DIMENSIONS ARE IN INCHES.			
	ENGINEER	tsaylor	11/5/2015	
	DRAWN	tsaylor	11/8/2015	
CHECKED	jodonnell	11/8/2015	THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR3330, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.	
SIZE B		PART NO. SSS-1200-01		REV M
SCALE 1:5		DO NOT SCALE PRINT		SHEET 1 OF 1

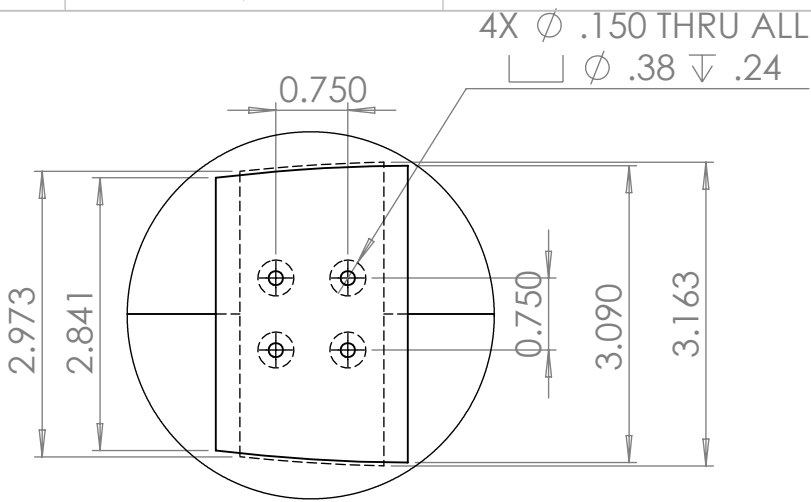


1. See solidworks part SSS-1230-01.SLDPRT
2. Questions? Contact toni.saylor@students.olin.edu

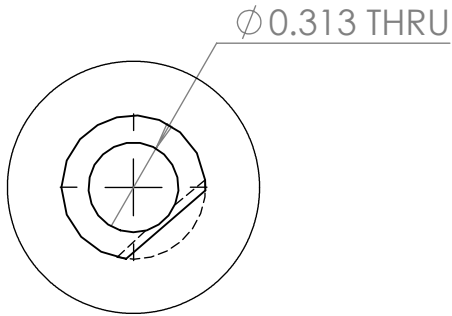


1. To be 3D printed. See Solidworks part SSS-2100-01.SLDPRT
2. Questions? Contact toni.saylor@students.olin.edu

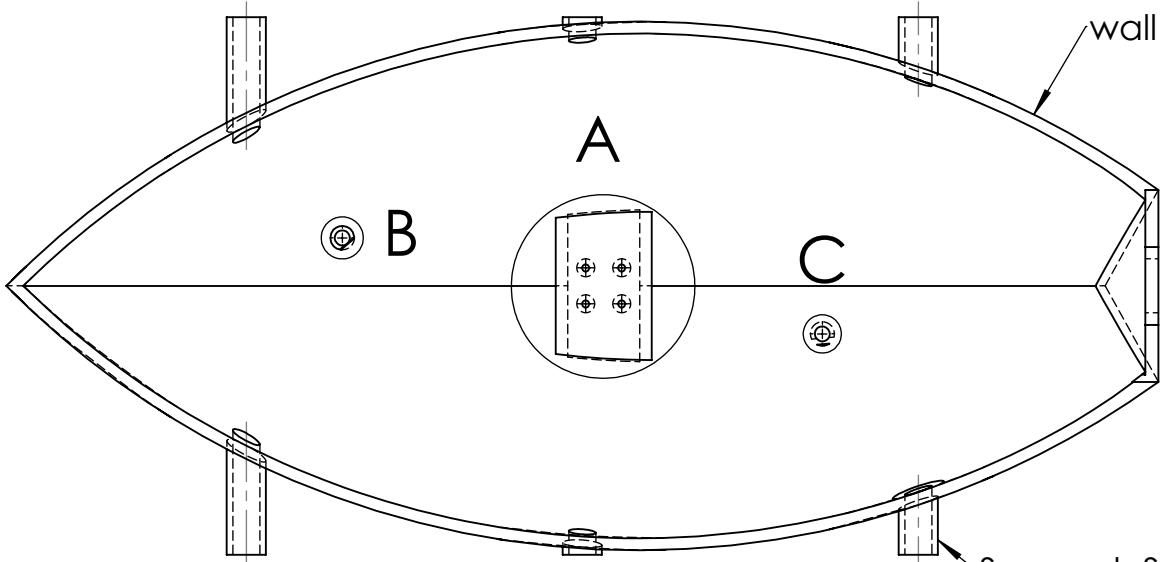
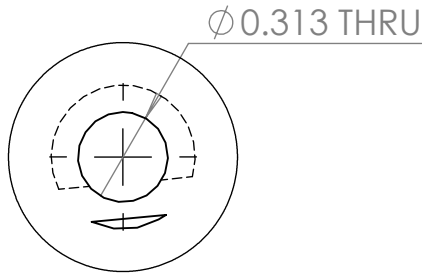
DETAIL A
SCALE 1 : 2



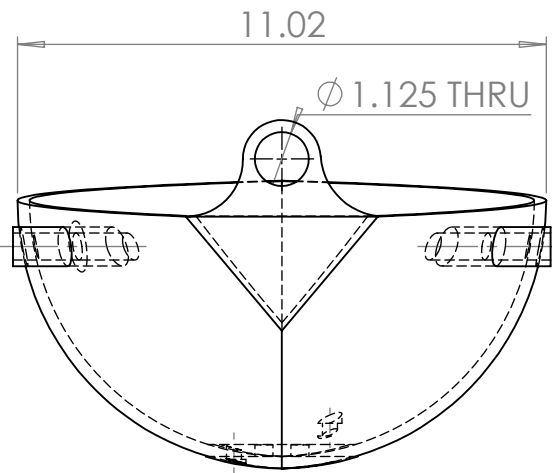
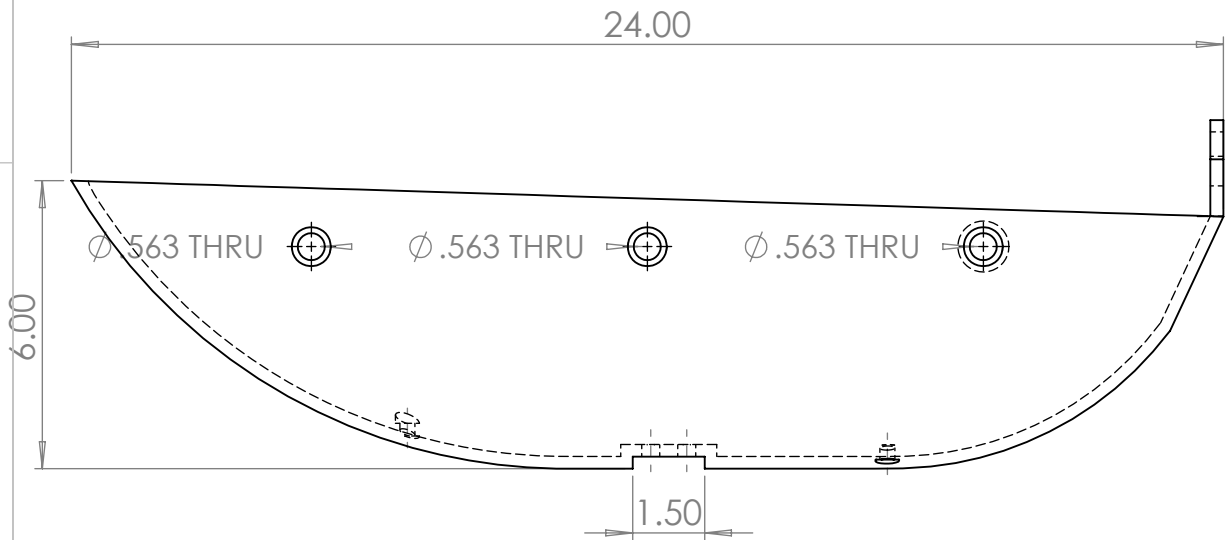
DETAIL B
SCALE 1.5 : 1



DETAIL C
SCALE 1.5 : 1



See part SSS-2100-01.SLDPRT for features



ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994
TOLERANCES UNLESS OTHERWISE SPECIFIED:
X.X ±0.03
X.XX ±0.01
X.XXX ±0.005
±0.5° 125°
REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX

UNLESS OTHERWISE SPECIFIED:		
QTY: 1	MATERIAL:	ABS
DIMENSIONS ARE IN INCHES.		
ENGINEER	landrade	11/7/2015
DRAWN	tsaylor	11/7/2015
CHECKED	jodonnell	11/7/2015

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TITLE BOAT		
SIZE B	PART NO. SSS-2100-01	REV F
SCALE 1:4	DO NOT SCALE PRINT	SHEET 1 OF 1

Questions? Contact toni.saylor@students.olin.edu

D

D

C

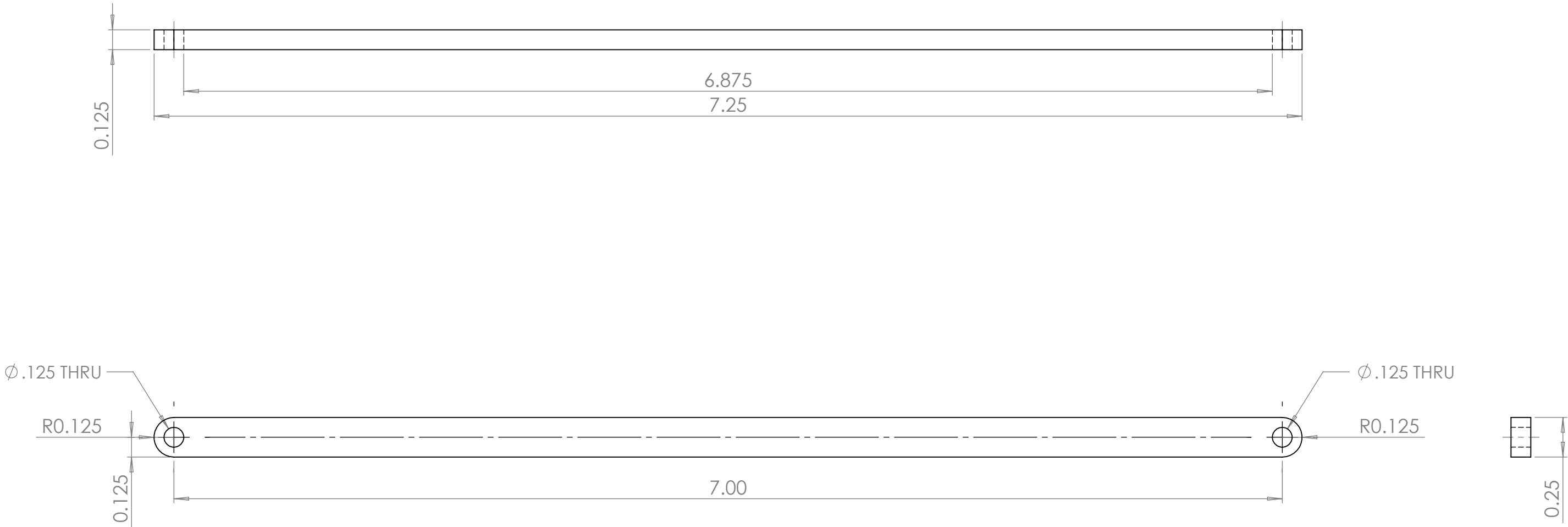
C

B

B


A

A

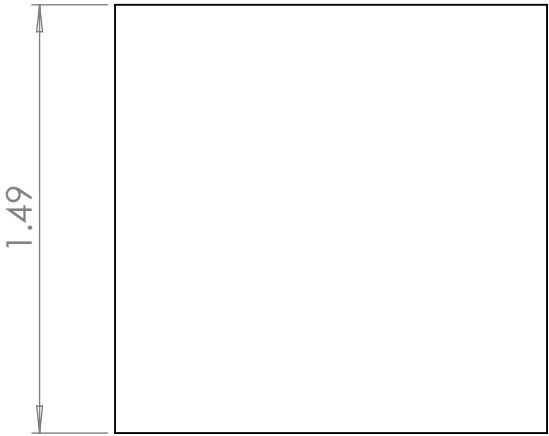
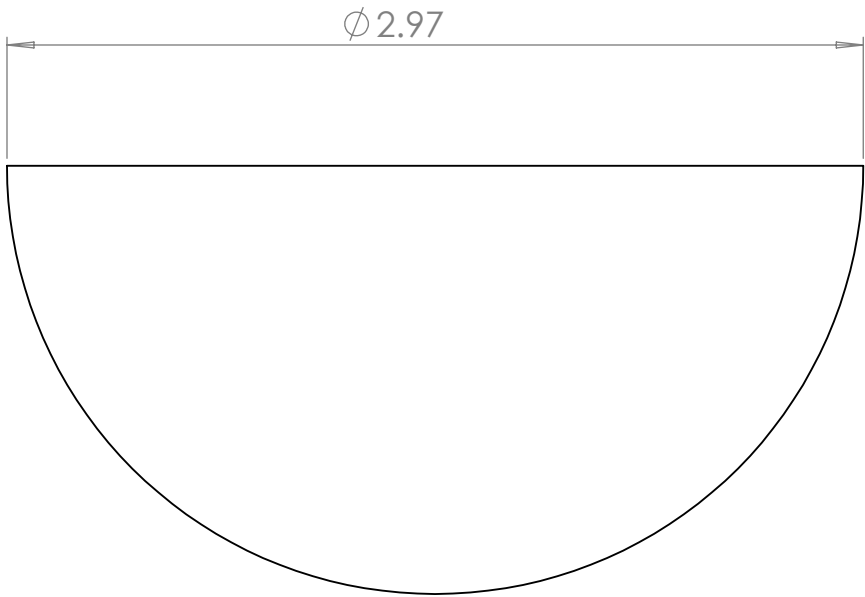
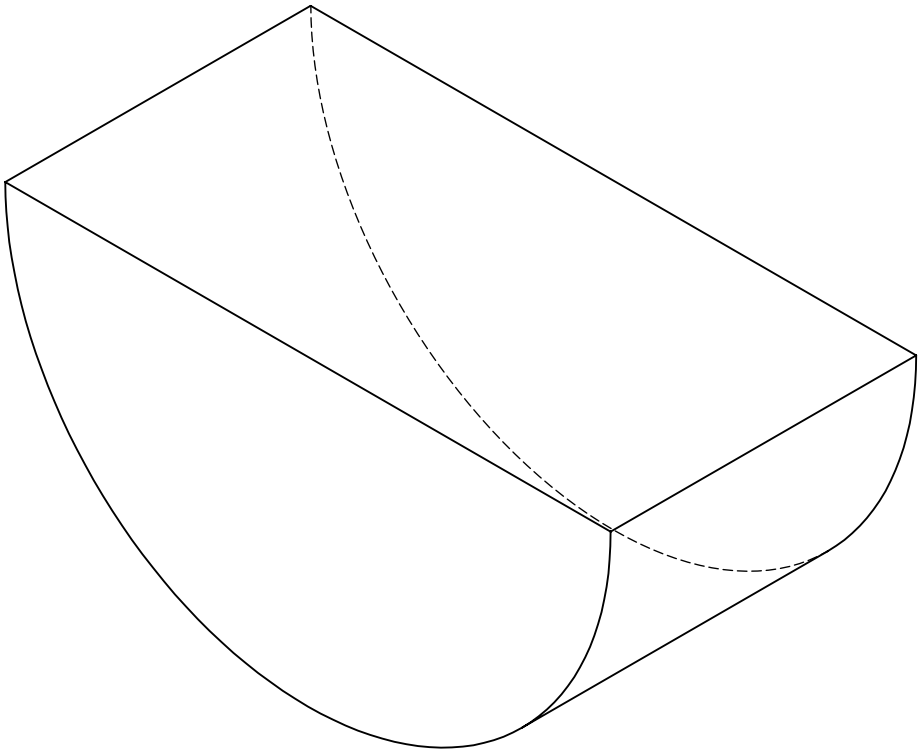
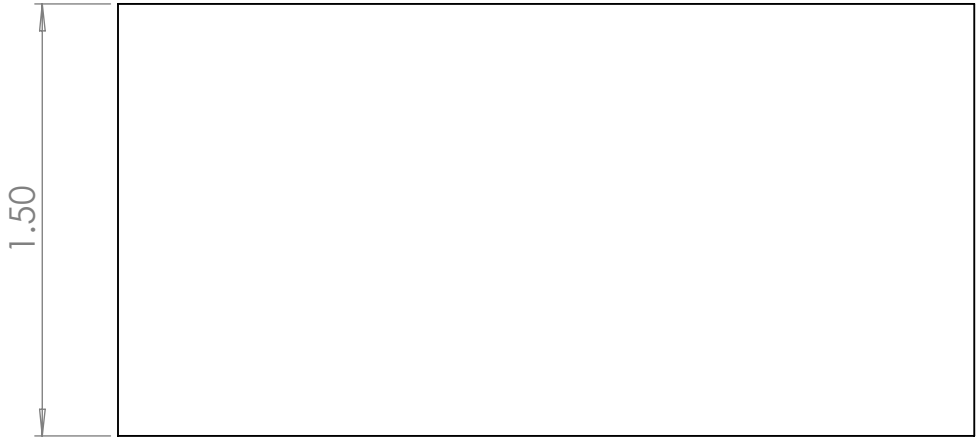



ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		
X.X	±0.03	
X.XX	±0.01	
X.XXX	±0.005	
±0.5°	125/	
REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX		

UNLESS OTHERWISE SPECIFIED:		
QTY: 4	MATERIAL:	ABS
DIMENSIONS ARE IN INCHES.		
ENGINEER	landrade	11/7/2015
DRAWN	tsaylor	11/7/2015
CHECKED	jodonnell	11/8/2015
THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR2340, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.		

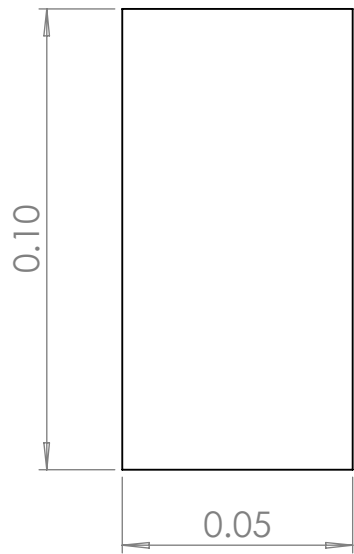
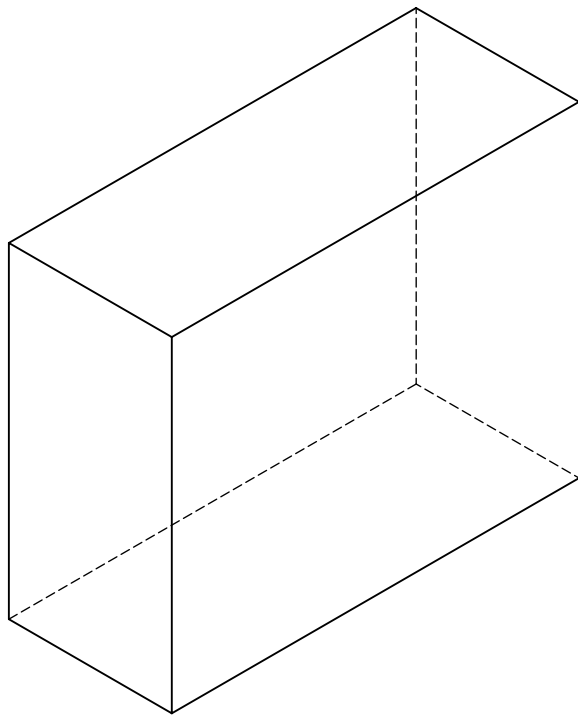
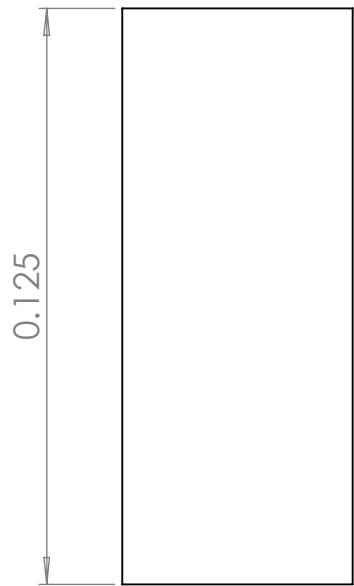
		
TITLE		
OAR LINKAGE		
SIZE	PART NO.	REV
B	SSS-2100-04	A
SCALE	3:2	DO NOT SCALE PRINT
SHEET 1 OF 1		

1. To be 3D-printed, see Solidworks part SSS-2100-09.SLDPRT
2. Questions? Contact toni.saylor@students.olin.edu



UNLESS OTHERWISE SPECIFIED:			 Olin College of Engineering		
QTY: 1	MATERIAL: ABS				
ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994			TITLE		
TOLERANCES UNLESS OTHERWISE SPECIFIED: X.X ±0.03 X.XX ±0.01 X.XXX ±0.005					
DIMENSIONS ARE IN INCHES.			Cam Insert		
ENGINEER	landrade	11/7/2015			
DRAWN	tsaylor	11/7/2015	SIZE B		
CHECKED	jodonnell	11/8/2015			
THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR2340, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.			PART NO. SSS-2100-09		REV C
REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX			SCALE 3:2	DO NOT SCALE PRINT	SHEET 1 OF 1

Questions?
Contact toni.saylor@students.olin.edu



ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994

TOLERANCES UNLESS OTHERWISE SPECIFIED:

X.X	±0.03
X.XX	±0.01
X.XXX	±0.005


±0.5° 125/

REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX

UNLESS OTHERWISE SPECIFIED:

QTY: 1	MATERIAL: 6061 Aluminum	
DIMENSIONS ARE IN INCHES.		
ENGINEER	landrade	11/1/2015
DRAWN	tsaylor	11/6/2015
CHECKED	jodonnell	11/8/2015

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Olin College
of Engineering

TITLE

Custom Key

SIZE	PART NO.	REV
B	SSS-2120-05	A

SCALE	24:1	DO NOT SCALE PRINT	SHEET 1 OF 1
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