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DIMENSIONS ARE IN INCHES  
THIRD ANGLE PROJECTION 

MATERIAL: Material <not specified>

losipescu  
Fixture

**DEFAULT TOLERANCES:**

LINEAR:  
X. ± .25  
X.X ± .1  
X.XX ± .01  
X.XXX ± .002

ANGULAR:  
X. ± 2  
X.X ± 1  
X.XX ± 0.30'

DESCRIPTION: losipescu Fixture

CHECKED BY: XXXXXXXXXX

DATE: XX/XX/XX

DRAWN BY: Luke Nelson

DATE: 5/12/2014

FILE NAME: losipescu Fixture.SLDPRT

**UNIVERSITY OF IDAHO  
ME DEPARTMENT**

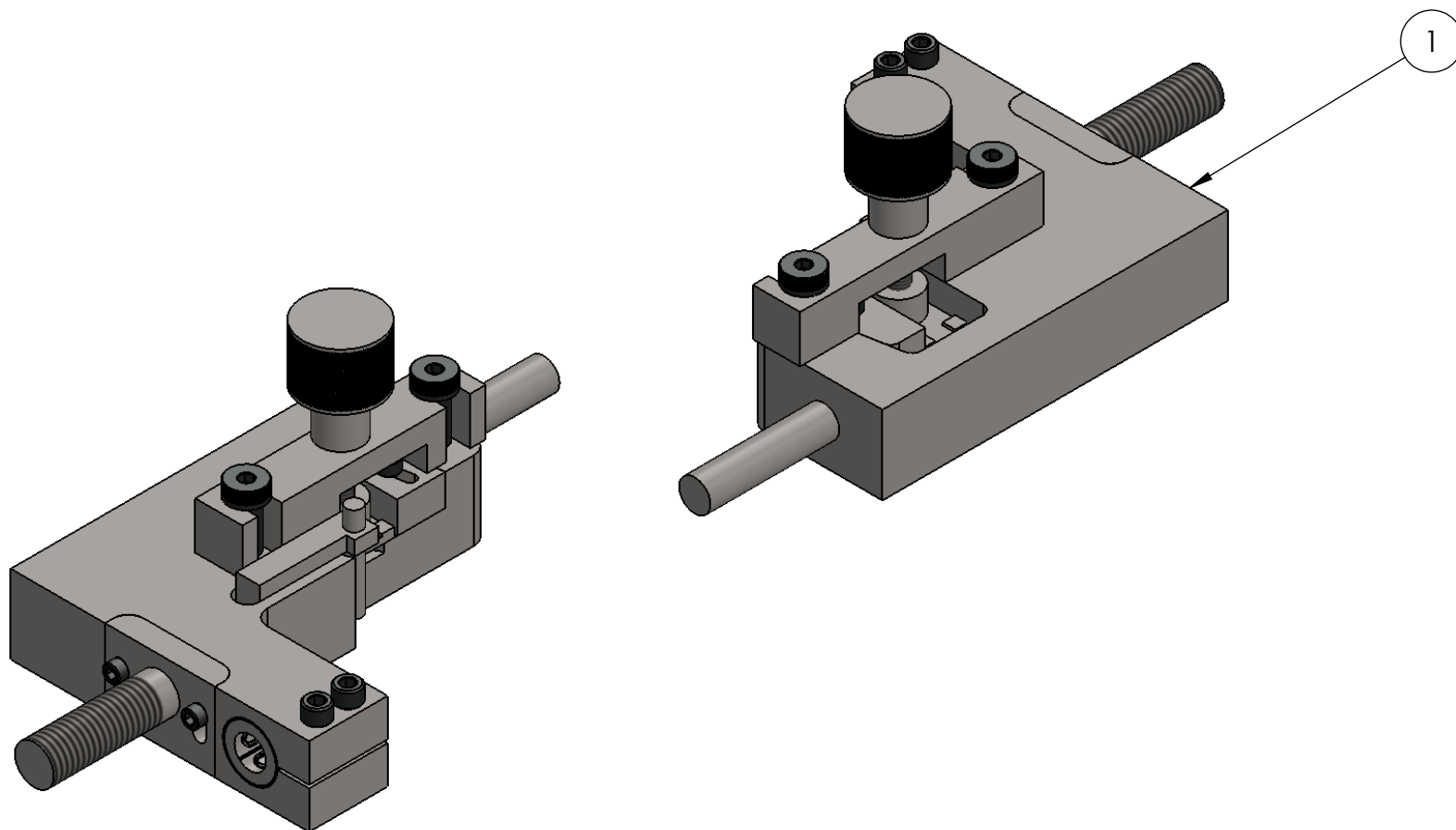
PART #: 00-00

QTY: 1

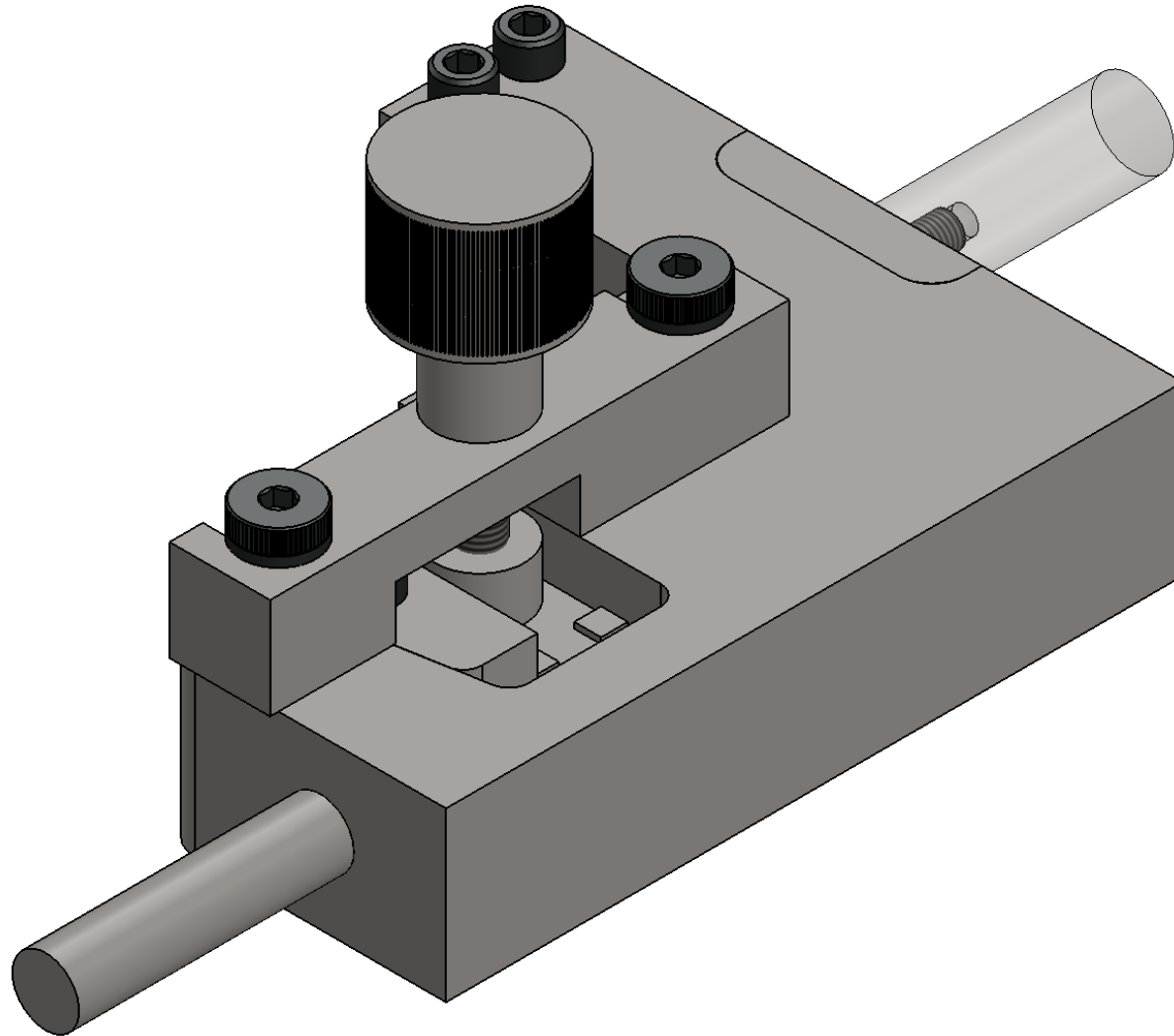
SCALE: 1:8

SHEET: 1 OF 13

ITEM NO.	PartNo	DESCRIPTION	QTY.	SHEET NO.
1	01-00	Iosipescu Fixture Half	2	3



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		MATERIAL: Material <not specified>		<b>UNIVERSITY OF IDAHO ME DEPARTMENT</b>	
DEFAULT TOLERANCES: LINEAR: X. ± .25 X.X ± .1 X.XX ± .01 X.XXX ± .002		DESCRIPTION: Iosipescu Fixture CHECKED BY: XXXXXXXXXX DATE: XX/XX/XX DRAWN BY: Luke Nelson DATE: 5/12/2014 FILE NAME: Iosipescu Fixture.SLDPRT		PART #: 00-00	QTY: 1
ANGULAR: X. ± 2 X.X ± 1 X.XX ± 0.30'		SCALE: 1:8		SHEET: 2 OF 13	



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DIMENSIONS ARE IN INCHES  
THIRD ANGLE PROJECTION 

MATERIAL: Material <not specified>

losipescu  
Fixture

**DEFAULT TOLERANCES:**

LINEAR:	ANGULAR:
X. ± .25	X. ± 2
X.X ± .1	X.X ± 1
X.XX ± .01	X.XX ± 0.30
X.XXX ± .002	

DESCRIPTION: losipescu Fixture Half

CHECKED BY: XXXXXXXXXX

DATE: XX/XX/XX

DRAWN BY: Luke Nelson

DATE: 4/30/2014

FILE NAME: losipescu Fixture Half.SLDPR

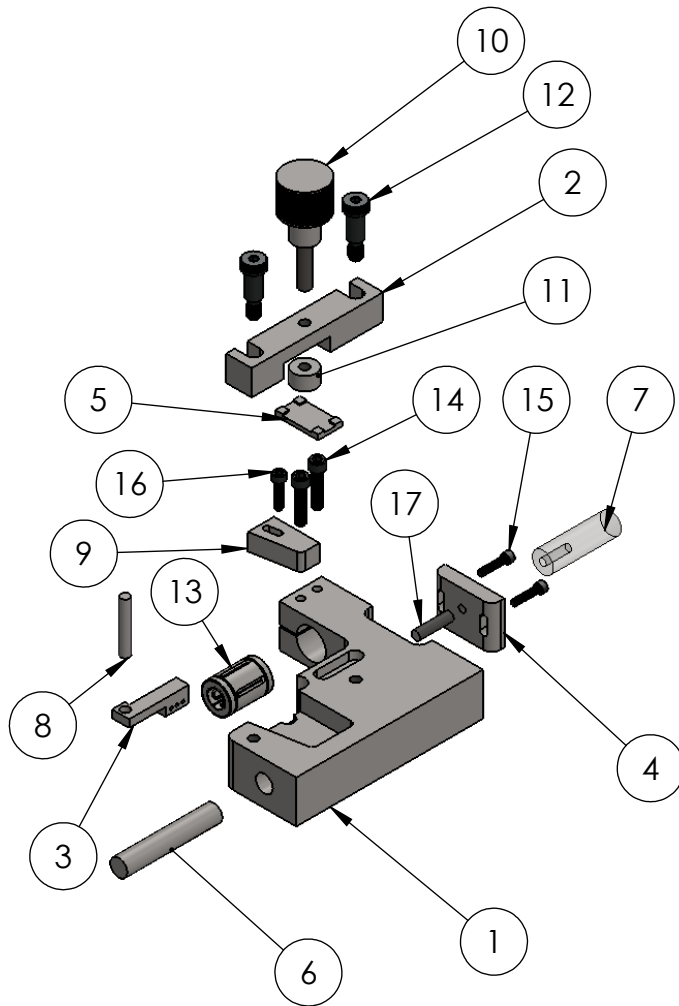
**UNIVERSITY OF IDAHO  
ME DEPARTMENT**

PART #: 01-00


QTY: 2

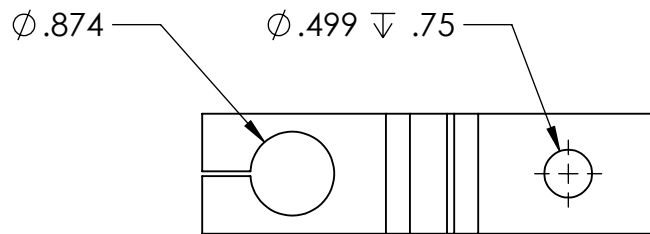
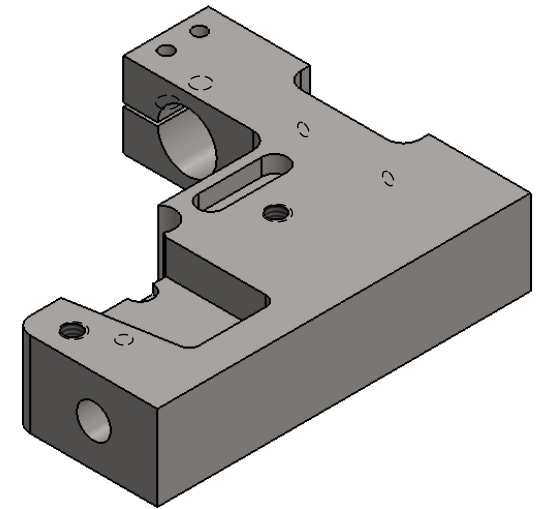
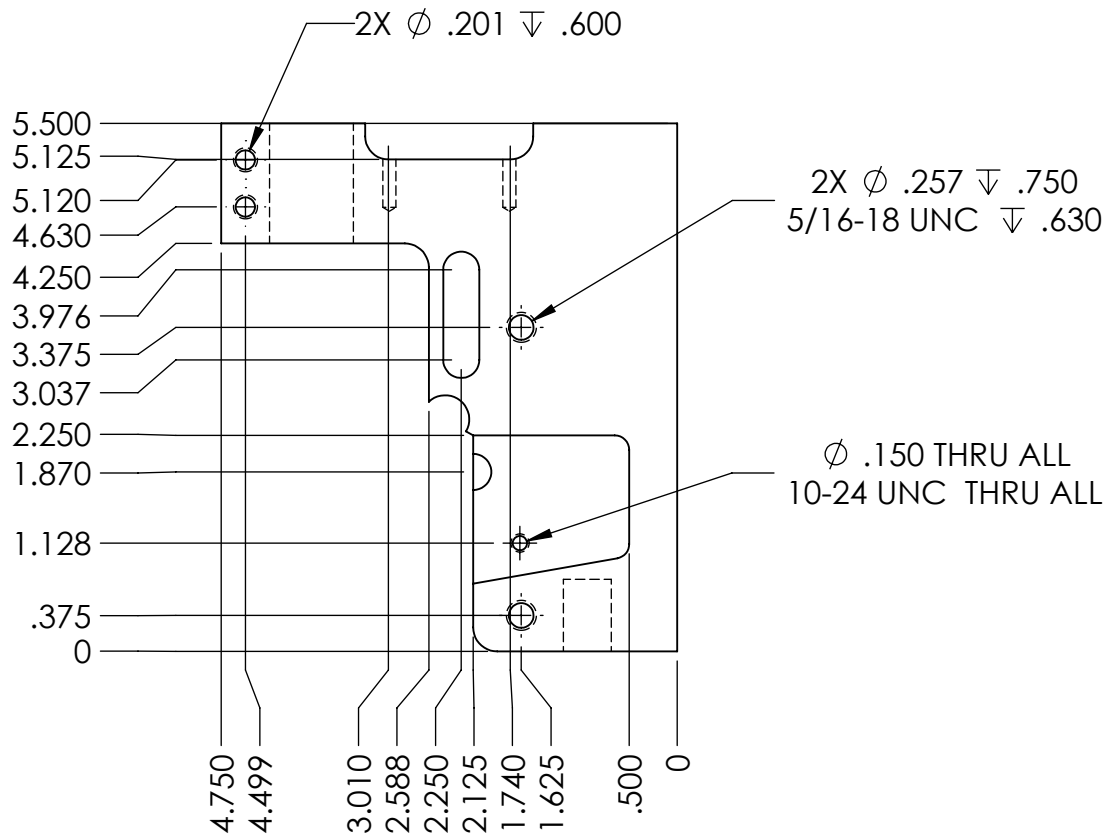
SCALE: 1:8

SHEET: 3 OF 13



ITEM NO.	PartNo	DESCRIPTION	QTY.	SHEET NO.
1	01-01	Iosipescu Fixture Half	1	5
2	01-02	Clamp Bar	1	6
3	01-03	Clamp Hold	1	7
4	01-04	Iosipescu Tip Hold	1	8
5	01-05	Clamp Pad	1	9
6	01-06	Iosipescu Pin	1	10
7	01-07	Top Hold Pin	1	11
8	01-08	Clamp Hold Pin	1	12
9	01-09	Clamp Incline	1	13
10	-	Clamp	1	-
11	-	Clamp Nut	1	-
12	-	.75 Shoulder Screw	2	-
13	-	Linear Bearing	1	-
14	-	1/4 - 20 Screw	2	-
15	-	8-32 Screw	2	-
16	-	10-24 Screw	1	-
17	-	1/4-20 X 1 Stud	1	-

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		MATERIAL: Material <not specified>			
DEFAULT TOLERANCES:		DESCRIPTION: Iosipescu Fixture Half		<b>UNIVERSITY OF IDAHO ME DEPARTMENT</b>	
LINEAR: X.±.25 X.X±.1 X.XX±.01 X.XXX±.002	ANGULAR: X.± 2 X.X± 1 X.XX± 0.30'	CHECKED BY: XXXXXXXXXX	DATE: XX/XX/XX		
		DRAWN BY: Luke Nelson	DATE: 4/30/2014	PART #: 01-00	QTY: 2
		FILE NAME: Iosipescu Fixture Half.SLDPR1		SCALE: 1:8	SHEET: 4 OF 13



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DIMENSIONS ARE IN INCHES  
THIRD ANGLE PROJECTION

MATERIAL: AISI 1020

Losipescu  
Fixture

**DEFAULT TOLERANCES:**

LINEAR:  
X.  $\pm$  .25  
X.X  $\pm$  .1  
X.XX  $\pm$  .01  
X.XXX  $\pm$  .002

ANGULAR:  
X.  $\pm$  2  
X.X  $\pm$  1  
X.XX  $\pm$  0 30'

DESCRIPTION: Losipescu Fixture Half

CHECKED BY: XXXXXXXXXX

DATE: XX/XX/XX

DRAWN BY: Luke Nelson

DATE: 4/29/2014

FILE NAME: losipescu Fixture Half.SLDPR

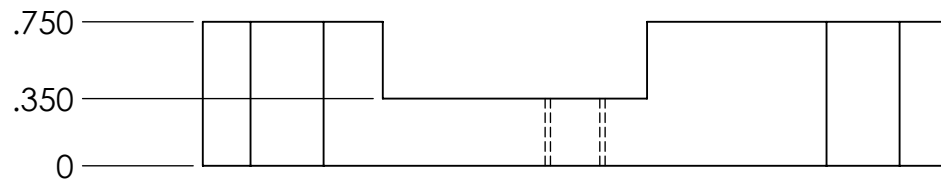
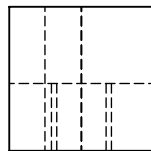
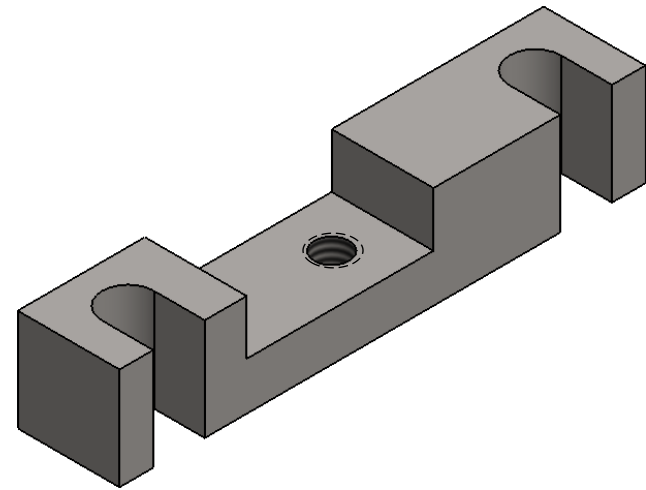
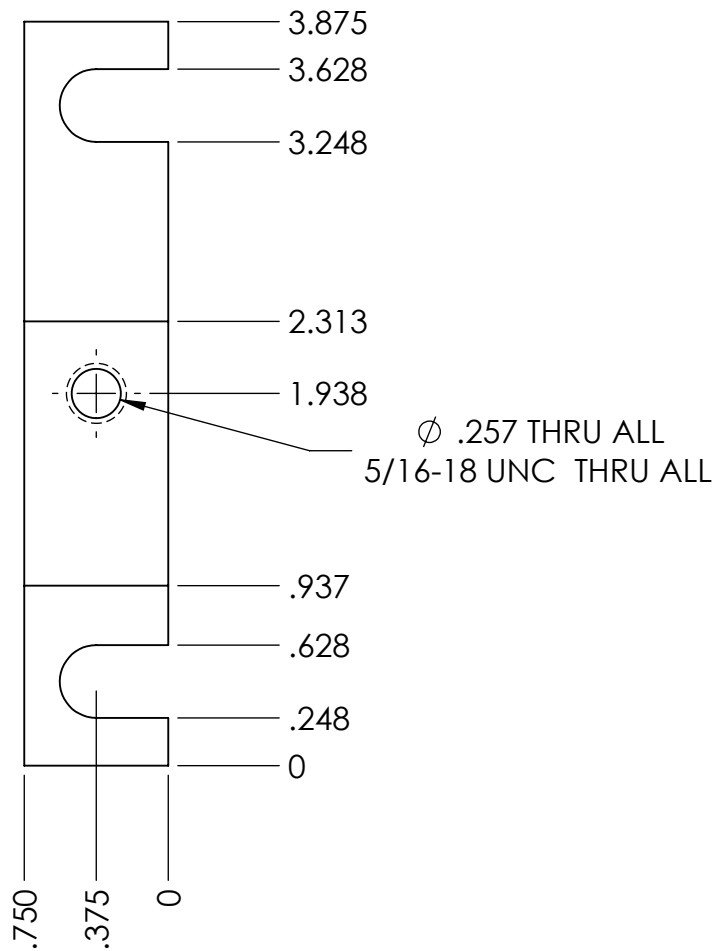
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
PART #: 01-01

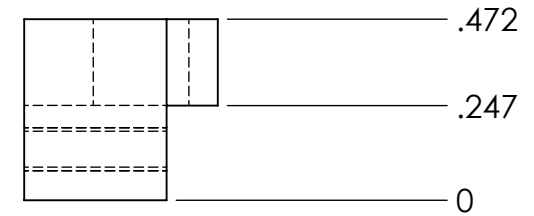
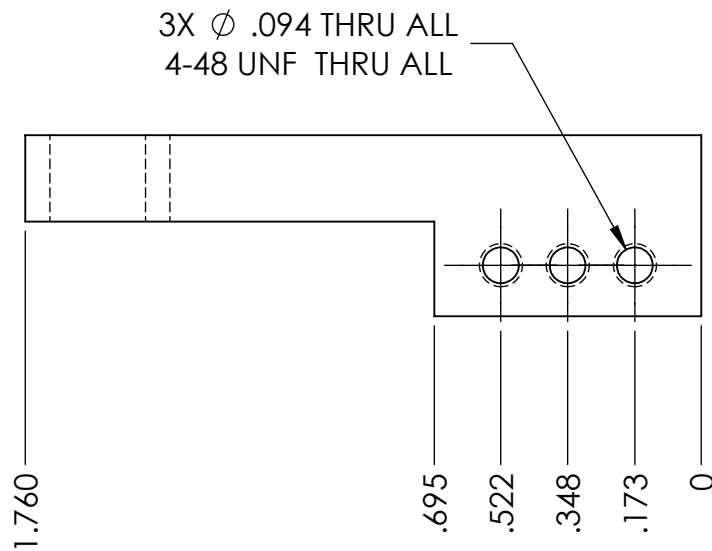
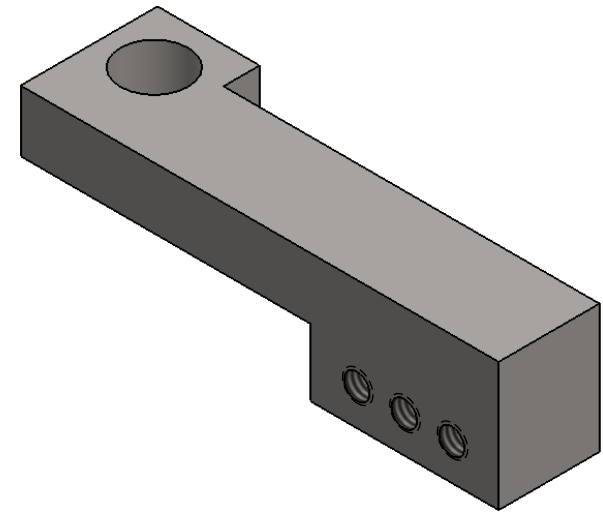
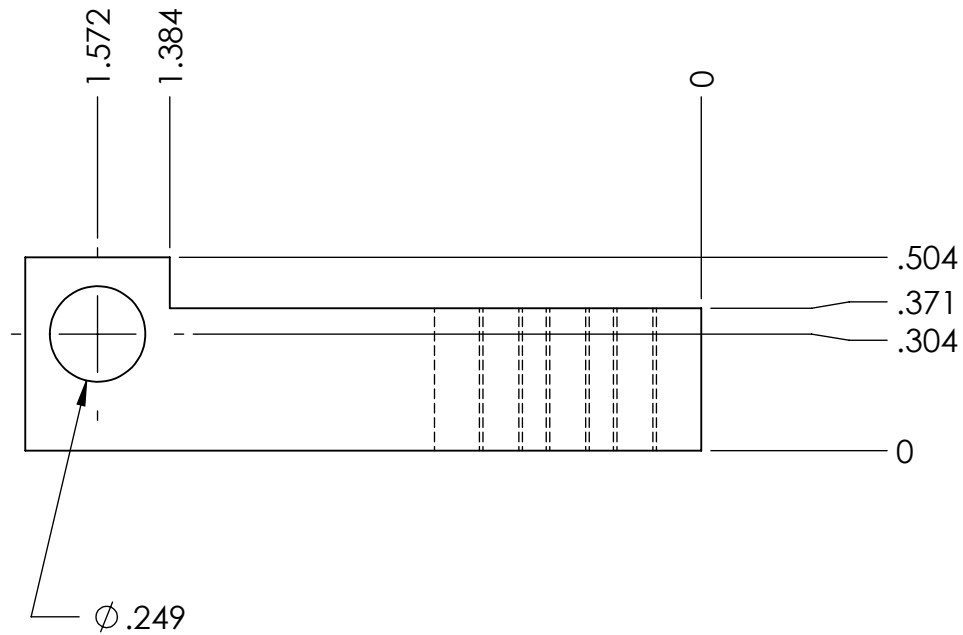
QTY: 2

SCALE: 1:2

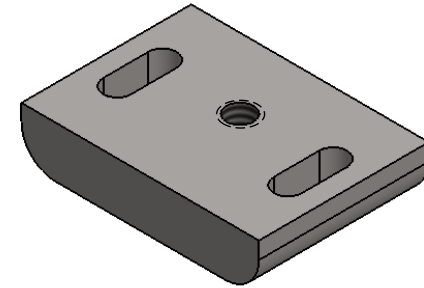
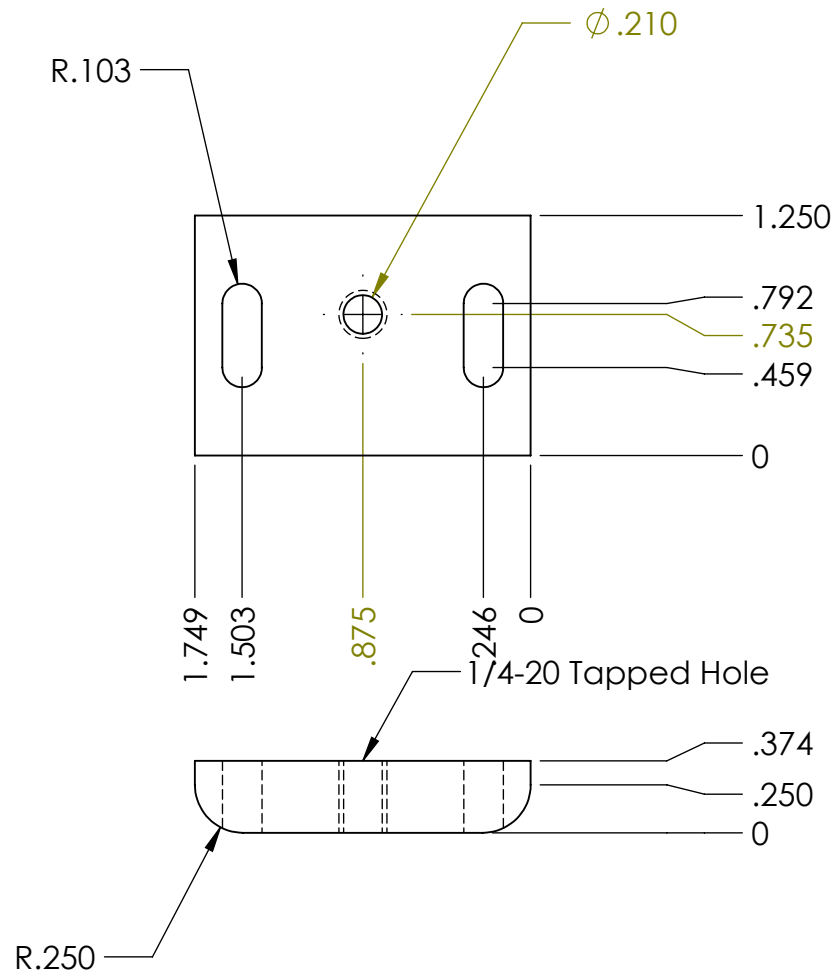
SHEET: 5 OF 13




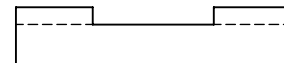
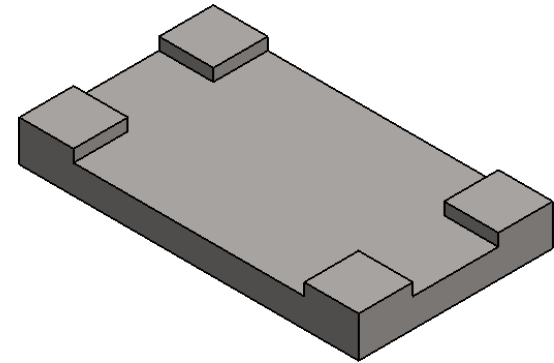
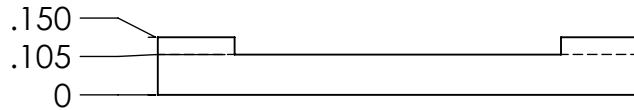
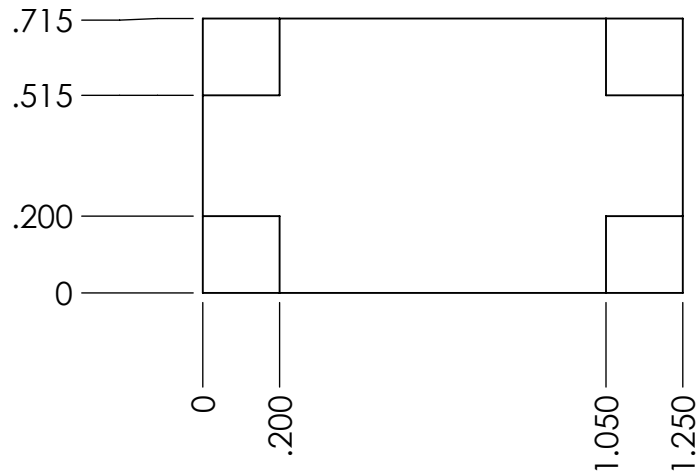
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		MATERIAL: AISI 1020			
DEFAULT TOLERANCES:		DESCRIPTION: Clamp Bar		UNIVERSITY OF IDAHO ME DEPARTMENT	
LINEAR: X. ± .25 X.X ± .1 X.XX ± .01 X.XXX ± .002	ANGULAR: X. ± 2 X.X ± 1 X.XX ± 0 30'	CHECKED BY: XXXXXXXXXXXX	DATE: XX/XX/XX		
		DRAWN BY: Luke Nelson	DATE: 4/22/2014	PART #: 01-02	QTY: 2
		FILE NAME: Clamp Bar.SLDPR		SCALE: 1:1	SHEET: 6 OF 13




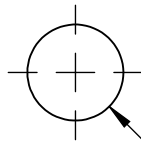
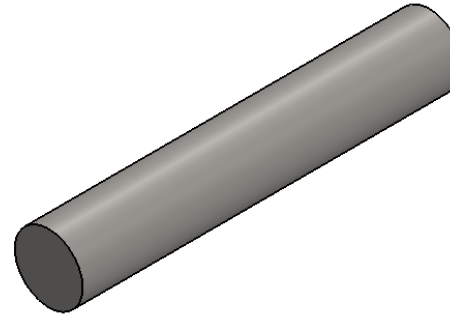
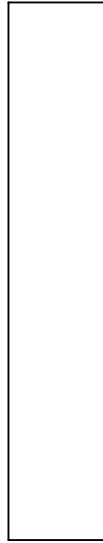
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DEFAULT TOLERANCES: LINEAR: X. ± .25 X.X ± .1 X.XX ± .01 X.XXX ± .002		DESCRIPTION: Clamp Hold CHECKED BY: XXXXXXXXXXXX DATE: XX/XX/XX DRAWN BY: Luke Nelson DATE: 4/22/2014 FILE NAME: Clamp Hold.SLDPR		MATERIAL: AISI 1020	
ANGULAR: X. ± 2 X.X ± 1 X.XX ± 0 30'		UNIVERSITY OF IDAHO ME DEPARTMENT		PART #: 01-03	QTY: 1
		SCALE: 2:1		SHEET: 7 OF 13	



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		MATERIAL: AISI 1020					
DEFAULT TOLERANCES:		DESCRIPTION: losipescu Tip Hold				UNIVERSITY OF IDAHO ME DEPARTMENT	
LINEAR: X. ±.25 X.X ±.1 X.XX ±.01 X.XXX ±.002	ANGULAR: X. ± 2 X.X ± 1 X.XX ± 0.30	CHECKED BY: XXXXXXXXXX	DATE: XX/XX/XX				
		DRAWN BY: Luke Nelson	DATE: 4/29/2014	PART #: 01-04	QTY: 2		
		FILE NAME: losipescu Tip Hold.SLDPR			SCALE: 2:1	SHEET: 8 OF 13	



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		<div>MATERIAL: AISI 1020</div>			
<div>DEFAULT TOLERANCES:</div> <div>LINEAR: X.±.25 X.X±.1 X.XX±.01 X.XXX±.002</div> <div>ANGULAR: X.± 2 X.X± 1 X.XX± 0 30'</div>		<div>DESCRIPTION: Clamp Pad</div> <div>CHECKED BY: XXXXXXXXXX</div> <div>DATE: XX/XX/XX</div> <div>DRAWN BY: Luke Nelson</div> <div>DATE: 4/30/2014</div> <div>FILE NAME: Clamp Pad.SLDPRT</div>		<div>PART #: 01-05</div> <div>QTY: 2</div> <div>SCALE: 2:1</div> <div>SHEET: 9 OF 13</div>	



Ø .500



0

2.800

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DIMENSIONS ARE IN INCHES  
THIRD ANGLE PROJECTION



MATERIAL: AISI 1020

losipescu  
Fixture

**DEFAULT TOLERANCES:**

LINEAR:  
X. ± .25  
X.X ± .1  
X.XX ± .01  
X.XXX ± .002

ANGULAR:  
X. ± 2  
X.X ± 1  
X.XX ± 0 30'

DESCRIPTION: losipescu Pin

CHECKED BY: XXXXXXXXXXXX

DATE: XX/XX/XX

DRAWN BY: Luke Nelson

DATE: 4/30/2014

FILE NAME: losipescu Pin.SLDprt

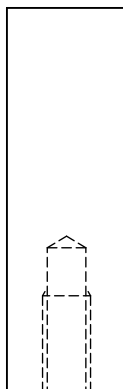
**UNIVERSITY OF IDAHO  
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PART #: 01-06

QTY: 2

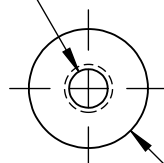
SCALE: 1:1

SHEET: 10 OF 13

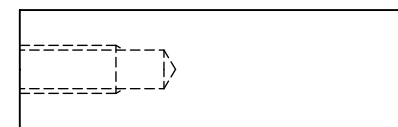


Machine Outer  
Threads to Match  
Universal Testing  
Machine Requirements

$\phi .201 \nabla .750$   
1/4-20 UNC  $\nabla .500$



$\phi .620$



0

2.000

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DIMENSIONS ARE IN INCHES  
THIRD ANGLE PROJECTION

MATERIAL: AISI 1020

losipescu  
Fixture

## DEFAULT TOLERANCES:

LINEAR:  
X.  $\pm .25$   
X.X  $\pm .1$   
X.XX  $\pm .01$   
X.XXX  $\pm .002$

ANGULAR:  
X.  $\pm 2$   
X.X  $\pm 1$   
X.XX  $\pm 0.30$

## DESCRIPTION: Top Hold Pin

CHECKED BY: XXXXXXXXXX

DATE: XX/XX/XX

DRAWN BY: Luke Nelson

DATE: 4/30/2014

FILE NAME: losipescu Top Hold Pin.SLDPR

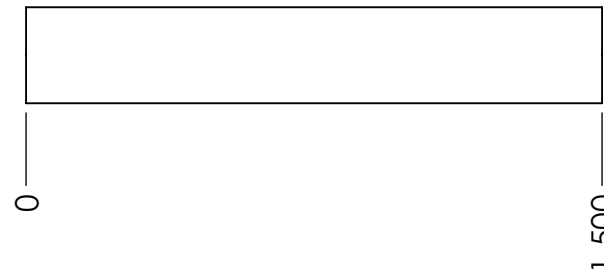
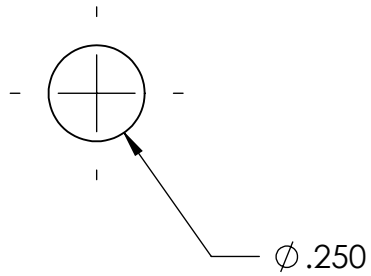
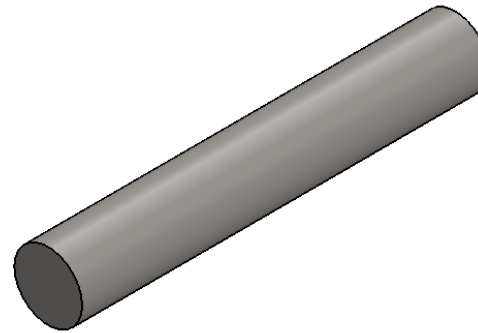
## UNIVERSITY OF IDAHO ME DEPARTMENT

PART #: 01-07

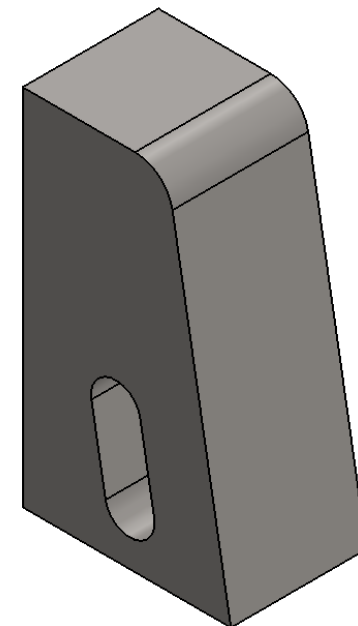
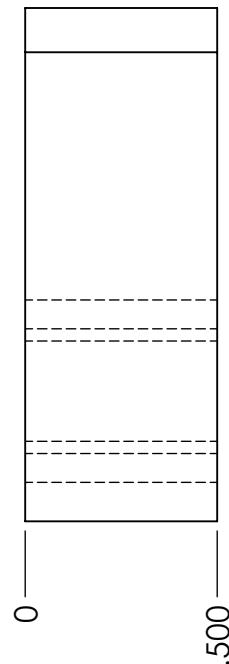
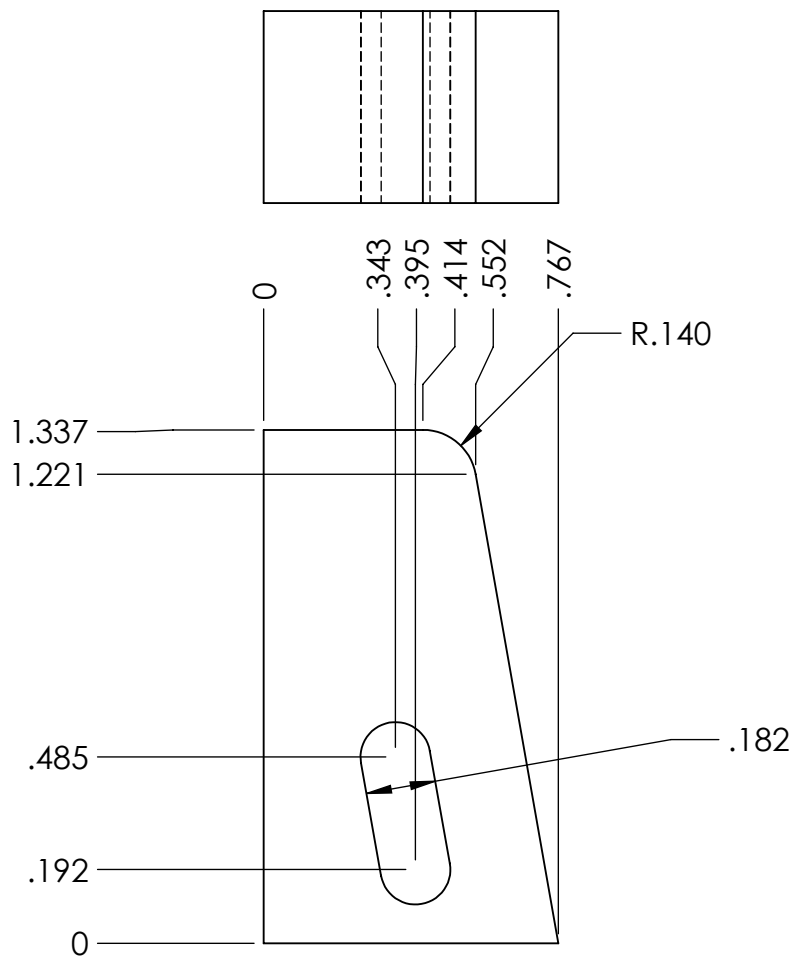
QTY: 2

SCALE: 1:1

SHEET: 11 OF 13



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		MATERIAL: AISI 1020			
DEFAULT TOLERANCES:		DESCRIPTION: Clamp Hold Pin			<b>UNIVERSITY OF IDAHO ME DEPARTMENT</b>
LINEAR: X. ± .25 X.X ± .1 X.XX ± .01 X.XXX ± .002	ANGULAR: X. ± 2 X.X ± 1 X.XX ± 0 30'	CHECKED BY: XXXXXXXXXX	DATE: XX/XX/XX		
DRAWN BY: Luke Nelson		DATE: 4/30/2014	PART #: 01-08	QTY: 2	
FILE NAME: Clamp Hold Pin.SLDPRT			SCALE: 2:1	SHEET: 12 OF 13	



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MATERIAL: AISI 1020		UNIVERSITY OF IDAHO ME DEPARTMENT		PART #: 01-09	
DEFAULT TOLERANCES: LINEAR: X.±.25 X.X±.1 X.XX±.01 X.XXX±.002		DESCRIPTION: Clamp Incline CHECKED BY: XXXXXXXXXX DATE: XX/XX/XX		QTY:	
ANGULAR: X.± 2 X.X± 1 X.XX± 0 30'		DRAWN BY: Luke Nelson DATE: 4/30/2014		SCALE: 2:1	
FILE NAME: Clamp Incline.SLDPRT		SHEET: 13 OF 13			