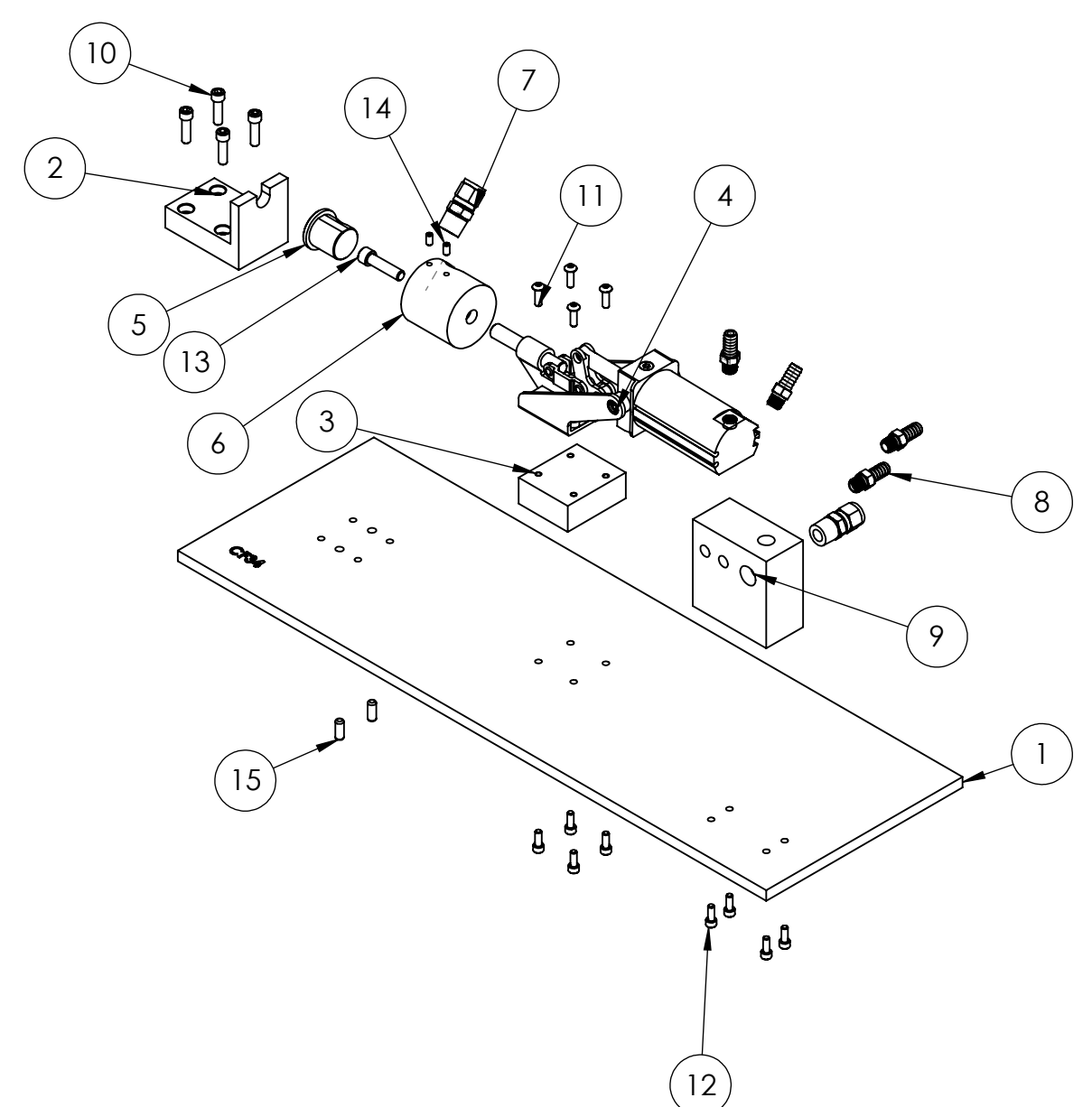


4 3 2 1

B

B



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	550001	Fixture_Base_Plate	1
2	550002	cf_34_fixture	1
3	550017	cf_34_cylinder_base	1
4	520003	5137A510_McMaster_Air_Cyl	1
5	550005	Plastic_Insert_w_Step	1
6	520004	Full_Depth_Alum_Cyl	1
7	360001	3/8NPT Straight Tube Fitting	2
8	520007	McMaster p/n5670K87 - 1/8NPT x 3/8Barb	4
9	520013	Fixture_Manifold_Block	1
10	550008	SS 1/4-20 x 7/8" SHCS	4
11	520011	SS #10-24 x 5/8 BHCS	4
12	530012	SS #10-24 x 1/2" SHCS	8
13	530010	5/16-18 x 1.25 SHCS	1
14	520009	SS #10-24 x 3/8" CPSS	2
15	520018	1/4" x 5/8" Dowel Pin	2

A

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4 3 2 1

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UNLESS OTHERWISE SPECIFIED:  
 DIMENSIONS ARE IN INCHES  
 TOLERANCES:  
 FRACTIONAL ±1/16  
 ANGULAR: MACH ±0.5 BEND ±  
 TWO PLACE DECIMAL ±.01  
 THREE PLACE DECIMAL ±.003  
 FOUR PLACE DECIMAL ±.0005  
 INTERPRET GEOMETRIC TOLERANCING PER:  
 MATERIAL  
 FINISH  
 DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	B. Mowers	12/3/15
CHECKED	M. King	12/7/15
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

TITLE:  
**CF34\_Fixture\_ Assm**  
 SIZE DWG. NO. REV  
**CB34\_Fixture\_Rev0**  
 SCALE: 1:5 WEIGHT: SHEET 1 OF 4

4

3

2

1

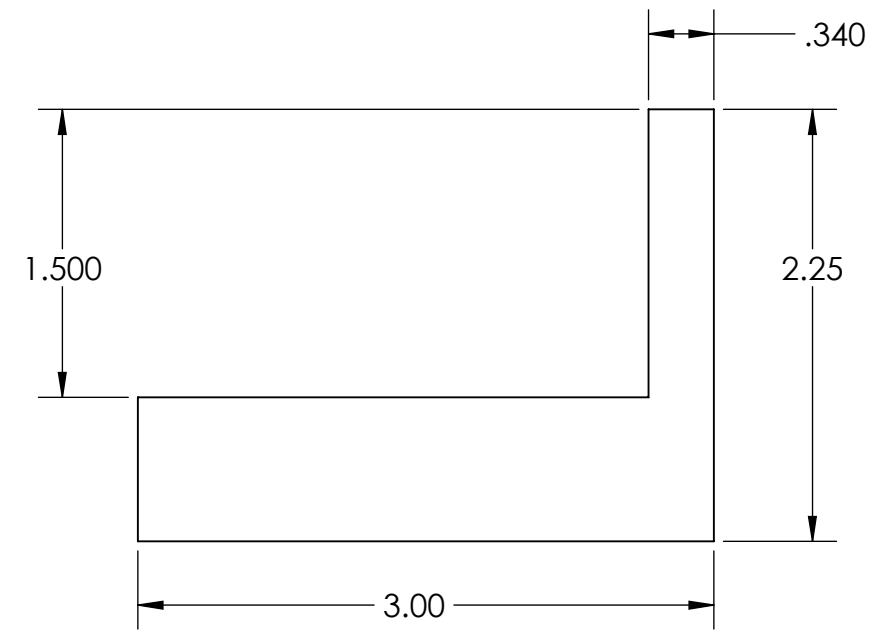
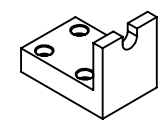
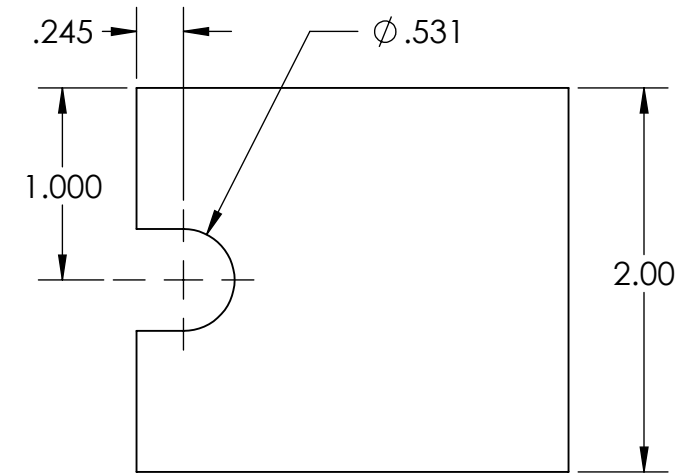
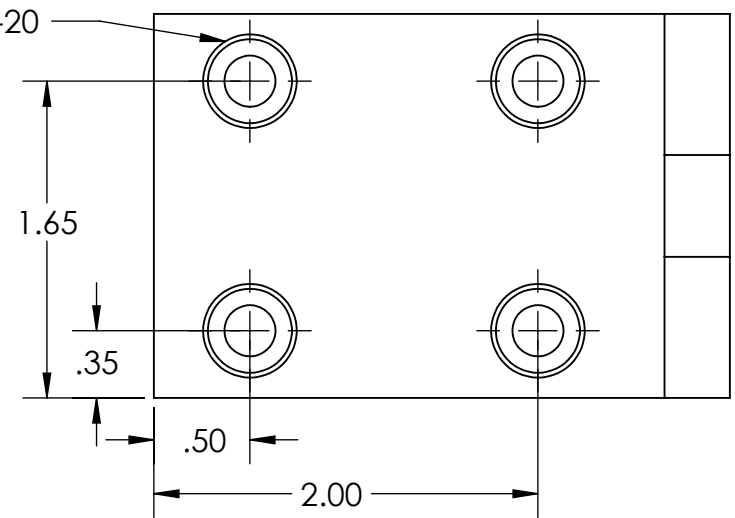
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B

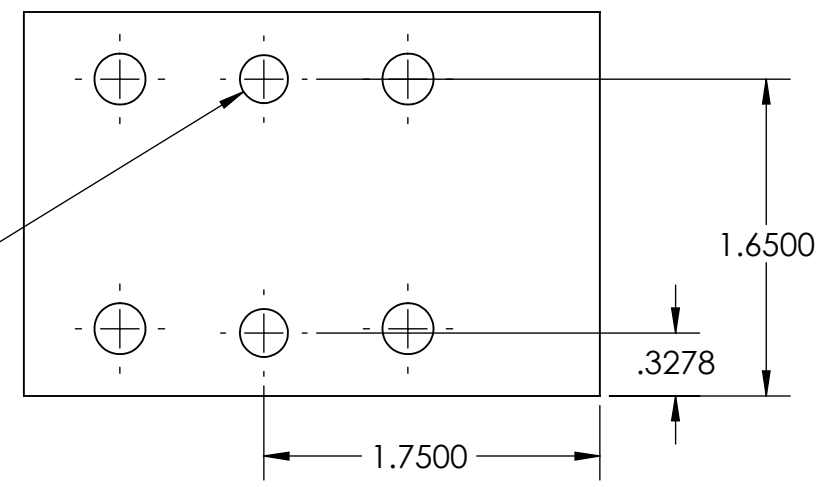
A

A

4X CB 1/4-20  
Clearance 1/4-20



2X  $\phi$  .2500  $\nabla$  .50



cf\_34\_fixture  
 Mat'l: Aluminum  
 Qty: 1  
 Scale: 1:1

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: <b>CF34_Fixture_</b>
DIMENSIONS ARE IN INCHES		DRAWN	B. Mowers	
TOLERANCES:		CHECKED	M. King	12/7/15
FRACTIONAL $\pm 1/16$		ENG APPR.		
ANGULAR: MACH $\pm 0.5$ BEND $\pm$		MFG APPR.		
TWO PLACE DECIMAL $\pm 0.01$		Q.A.		
THREE PLACE DECIMAL $\pm 0.003$		COMMENTS:		
FOUR PLACE DECIMAL $\pm 0.0005$				
INTERPRET GEOMETRIC TOLERANCING PER:				
MATERIAL				
FINISH				
DO NOT SCALE DRAWING				
SIZE	DWG. NO.	REV	TITLE: <b>CF34_Fixture_</b>	
			<b>Rev0</b>	
SCALE: 1:5	WEIGHT:	SHEET 2 OF 4		

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4

3

2

1

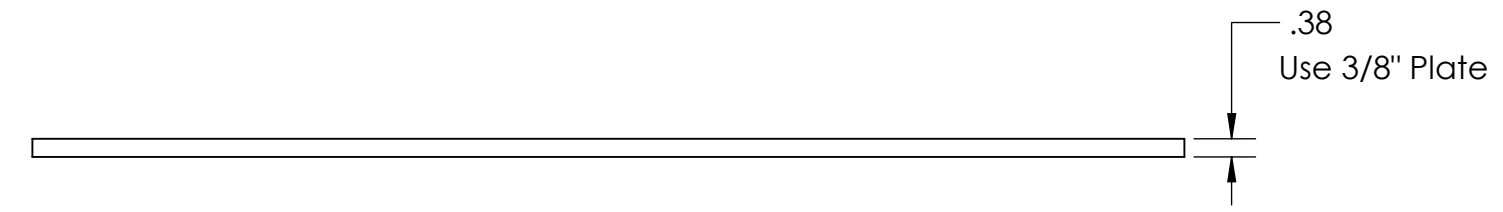
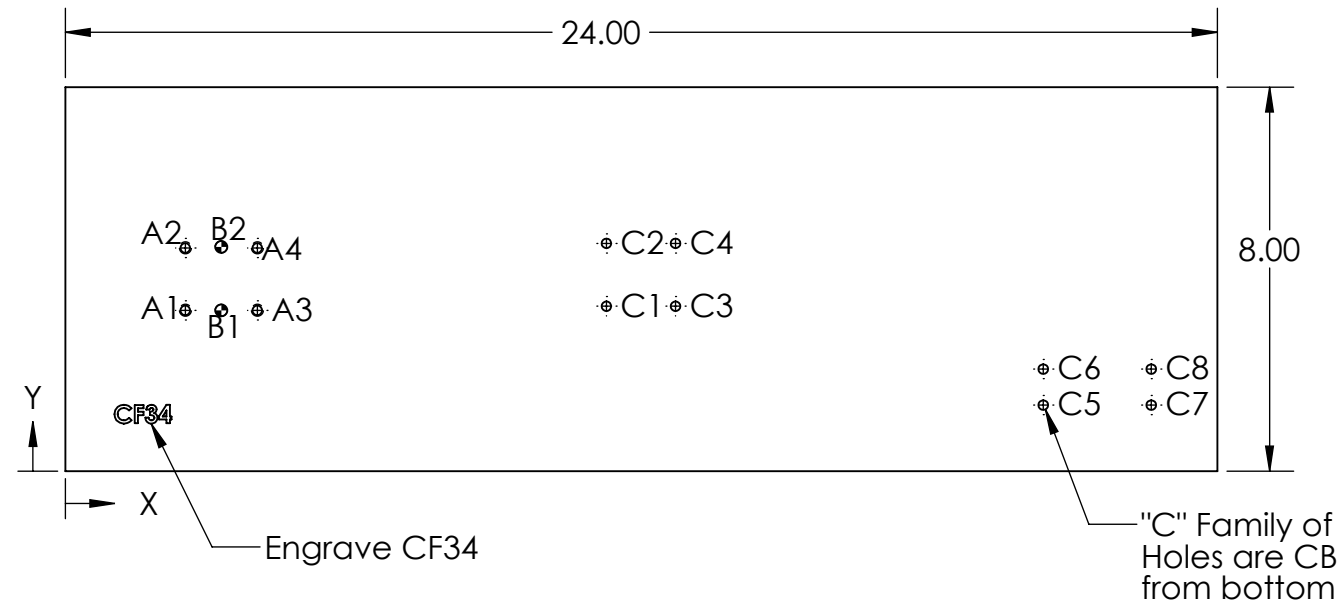
4 3 2 1

B

B

A

A



TAG	X LOC	Y LOC	SIZE
A1	2.500	3.350	$\phi$ .20 THRU ALL 1/4-20 UNC THRU ALL
A2	2.500	4.650	$\phi$ .20 THRU ALL 1/4-20 UNC THRU ALL
A3	4.000	3.350	$\phi$ .20 THRU ALL 1/4-20 UNC THRU ALL
A4	4.000	4.650	$\phi$ .20 THRU ALL 1/4-20 UNC THRU ALL
B1	3.2500	3.3500	$\phi$ .2500 THRU ALL
B2	3.2500	4.6722	$\phi$ .2500 THRU ALL
C1	11.273	3.435	$\phi$ .20 THRU ALL $\square$ $\phi$ .38 $\nabla$ .19
C2	11.273	4.745	$\phi$ .20 THRU ALL $\square$ $\phi$ .38 $\nabla$ .19
C3	12.713	3.435	$\phi$ .20 THRU ALL $\square$ $\phi$ .38 $\nabla$ .19
C4	12.713	4.745	$\phi$ .20 THRU ALL $\square$ $\phi$ .38 $\nabla$ .19
C5	20.375	1.375	$\phi$ .20 THRU ALL $\square$ $\phi$ .38 $\nabla$ .19
C6	20.375	2.125	$\phi$ .20 THRU ALL $\square$ $\phi$ .38 $\nabla$ .19
C7	22.625	1.375	$\phi$ .20 THRU ALL $\square$ $\phi$ .38 $\nabla$ .19
C8	22.625	2.125	$\phi$ .20 THRU ALL $\square$ $\phi$ .38 $\nabla$ .19

CF6-80 Base Plate  
Mat'l: Aluminum  
Qty: 1  
Scale: 1:4

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UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: <b>CF34_Fixture_</b> <b>Assm</b> SIZE DWG. NO. REV <b>CB34_Fixture_Rev0</b>
DIMENSIONS ARE IN INCHES		DRAWN	B. Mowers 12/7/15	
TOLERANCES:		CHECKED	M. King 12/7/15	
FRACTIONAL $\pm$ 1/16		ENG APPR.		
ANGULAR: MACH $\pm$ 0.5 BEND $\pm$		MFG APPR.		
TWO PLACE DECIMAL $\pm$ 0.01		Q.A.		
THREE PLACE DECIMAL $\pm$ 0.003		COMMENTS:		
FOUR PLACE DECIMAL $\pm$ 0.0005				
INTERPRET GEOMETRIC TOLERANCING PER:				
MATERIAL				
FINISH				
DO NOT SCALE DRAWING				

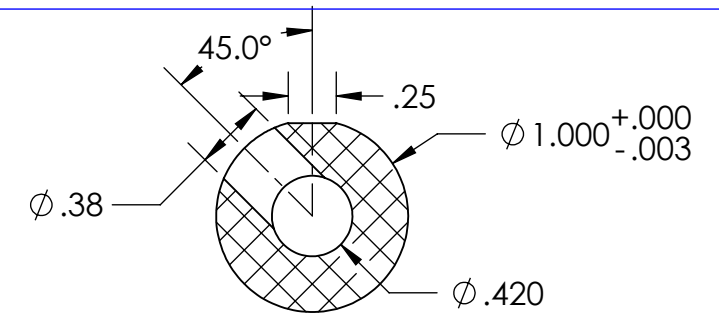
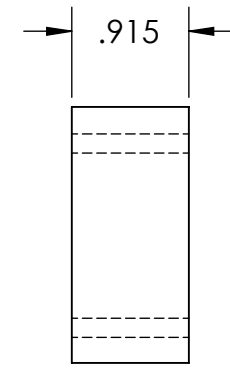
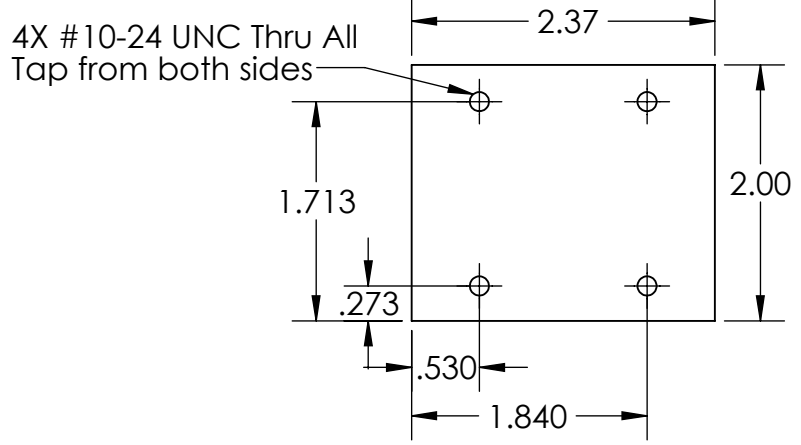
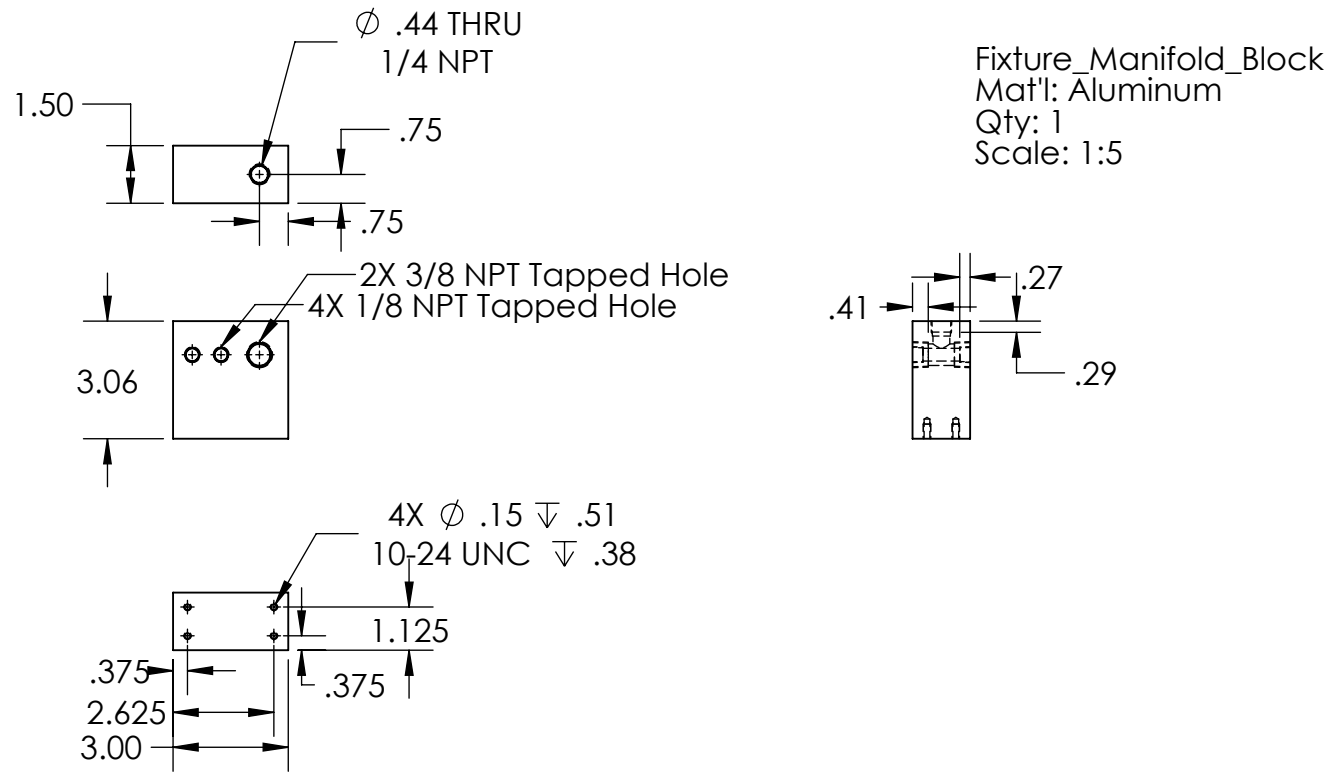
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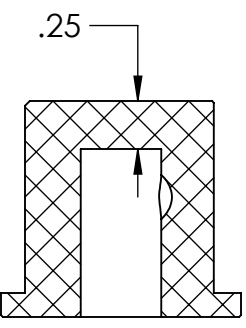
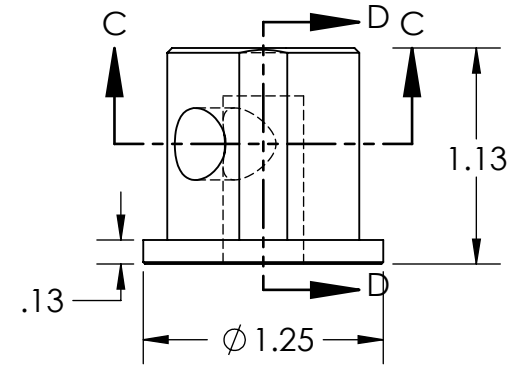
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2

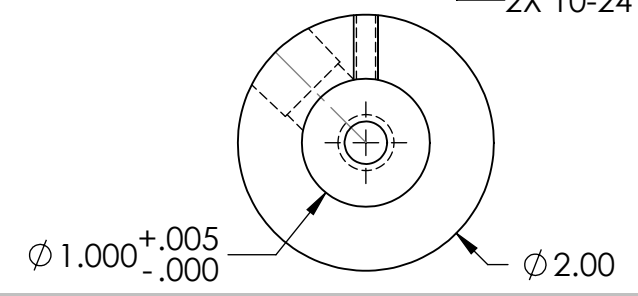
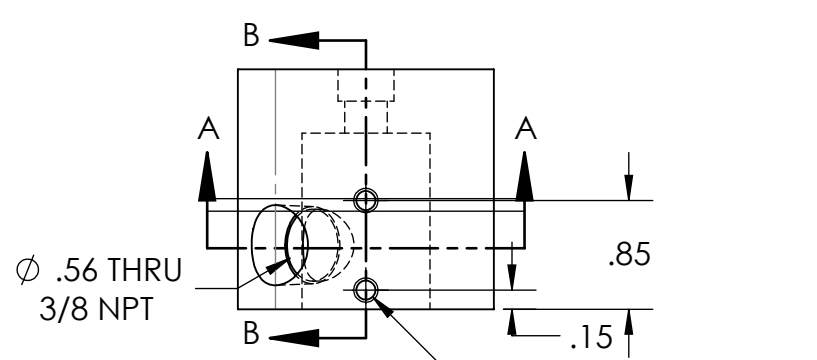
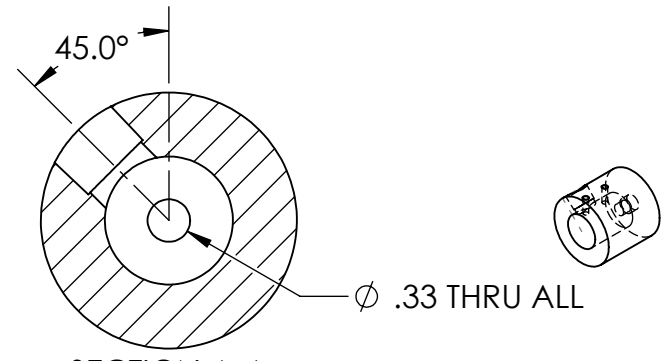
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SECTION C-C SCALE 1:1



SECTION D-D SCALE 1:1



Full\_Depth\_Aluminum\_Cylinder  
 Mat'l: Aluminum  
 Qty: 1  
 Scale: 2:3

UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES		DRAWN	B. Mowers 12/7/15
TOLERANCES:		CHECKED	M. King 12/7/15
FRACTIONAL $\pm$ 1/16		ENG APPR.	
TWO PLACE DECIMAL $\pm$ 0.01		MFG APPR.	
THREE PLACE DECIMAL $\pm$ 0.003		Q.A.	
FOUR PLACE DECIMAL $\pm$ 0.0005		COMMENTS:	
INTERPRET GEOMETRIC TOLERANCING PER:			
MATERIAL			
FINISH			
DO NOT SCALE DRAWING			

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TITLE:		
CF34_Fixture_Aasm		
SIZE	DWG. NO.	REV
SCALE: 1:5	CB34_Fixture_Rev0	
WEIGHT:	SHEET 4 OF 4	

4

3

2

1

B

B

A

A