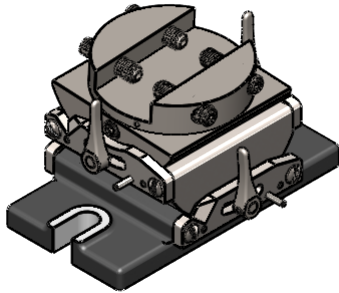


- NOTES:
- 1. 02 SETS INTO 01.
 - 2. 03 SETS INTO 02.
 - 3. 04 SETS INTO 03.
 - 4. 91375A628 SCREWS INTO 04 X4.
 - 5. 10 THRU 03 X2.
 - 6. 94105A610 SCREWS INTO 03 X2.
 - 7. 08 INTO 02 X2.
 - 8. 08 INTO 03 X2.
 - 9. 91794A539 SCREWS THRU 06 INTO 01 X2.
 - 10. 91794A539 SCREWS THRU 05 INTO 02 X2.
 - 11. 07 FITS OVER 08 X4.
 - 12. 88565K1 FITS INTO 07 AND 08 X4.
 - 13. 88585K1 FITS INTO 05 AND 06 X12.

REVISIONS			
ZONE:	REV:	DESCRIPTION:	DATE:
	X	INITIAL RELEASE - PE	05/11/19



91794A539	FILLISTER CAP SCREW	AISI 321 Annealed Stainless Steel (SS)	8
88565K1	DRILL ROD Ø.125 x .187	AISI Type A2 Tool Steel	4
88565K1	DRILL ROD Ø.125 X .75	AISI Type A2 Tool Steel	12
91375A628	HEX SOCKET .375-16	Alloy Steel (SS)	4
94105A610	FLAT SET SCREW	Alloy Steel	2
10	BRASS ROD Ø.312X .437	Brass	2
08	.312CRS, Ø.3120 X 1.281	AISI 1020 Steel, Cold Rolled	4
07	CRS, 1.5 X .125 X .312	AISI 1020 Steel, Cold Rolled	4
06	CRS, 3.5 X .562 X .5	AISI 1020 Steel, Cold Rolled	1
05	CRS, 3.5 X .562 X .5	AISI 1020 Steel, Cold Rolled	3
04	CRS, Ø3.440 X 2.874	AISI 1020 Steel, Cold Rolled	1
03	CRS, 3.5 X 3.498 X 1.132	AISI 1020 Steel, Cold Rolled	1
02	CRS, 1.694 X 3.5 X 3.5	AISI 1020 Steel, Cold Rolled	1
01	CI, 6.5 X 3.375 X 1	Gray Cast Iron	1
PartNo	DESCRIPTION	MATERIAL	QTY.

UNLESS OTHERWISE SPECIFIED:

DO NOT SCALE DRAWING

DIMENSIONS ARE IN INCHES

TOLERANCES:

FRACTIONAL: ±

ANGULAR: MACH ± BEND ±

TWO PLACE DECIMAL: ±

THREE PLACE DECIMAL: ±

PROPRIETARY AND CONFIDENTIAL

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Belleville, IL 62234

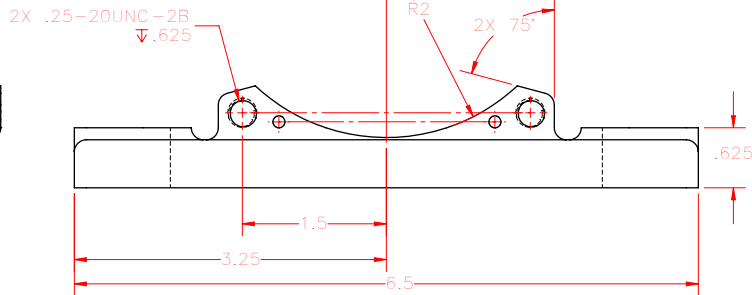
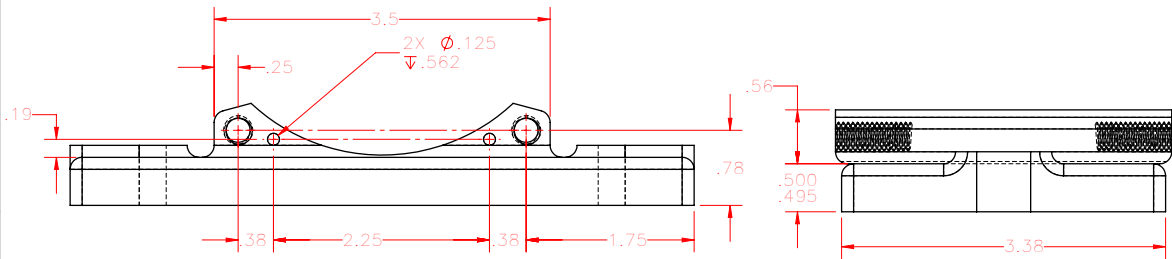
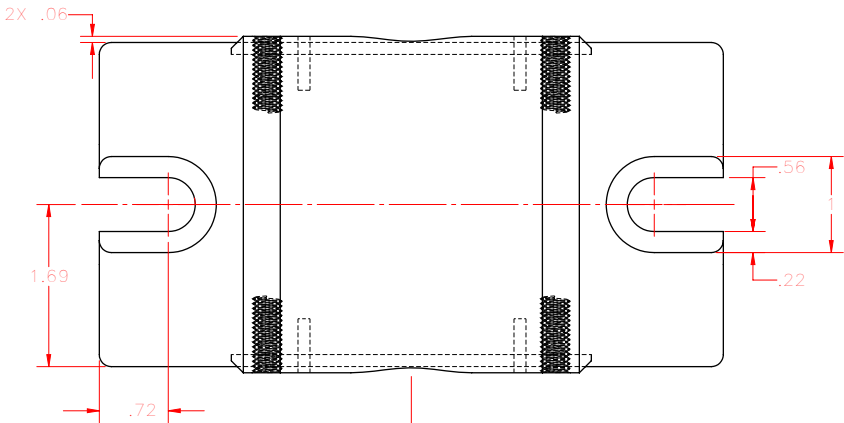
TITLE:

ANY ANGLE ASSY.

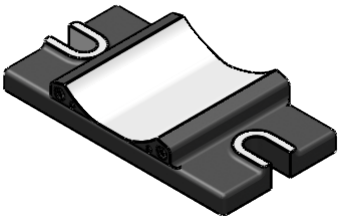
SIZE	DWG. NO.	REV
C	14-60-00	X
1:1	PHIL EASTON	SHEET 1 OF 11

REVISIONS			
ZONE:	REV:	DESCRIPTION:	DATE:
	X	INITIAL RELEASE - PE	05/08/19

- NOTES:
1. BREAK ALL SHARP EDGES.
 2. SOME HIDDEN LINES REMOVED FOR CLARITY.
 3. FILLETS AND ROUNDS R.125.
 4. MACHINING ALLOWANCE .125.



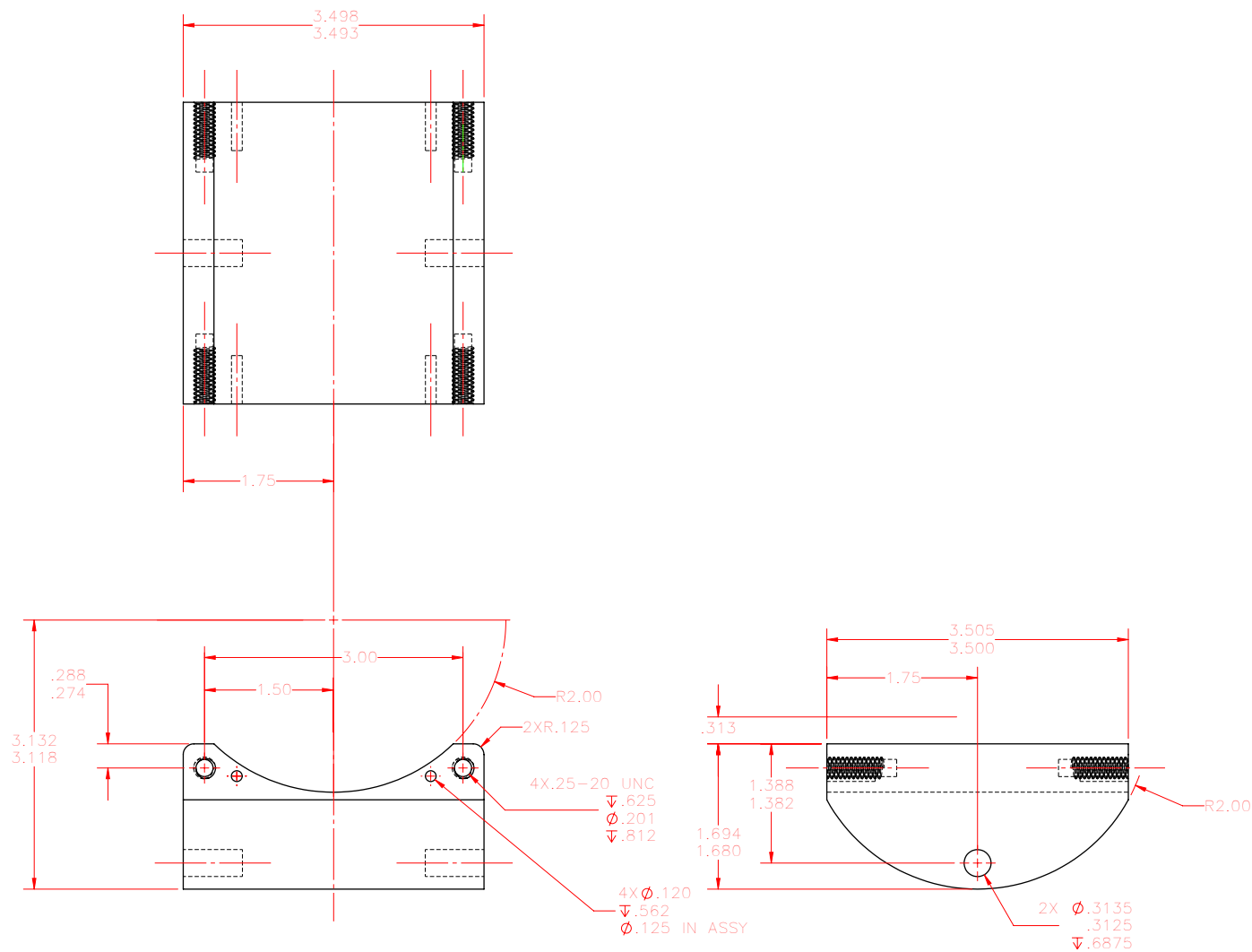
MATERIAL: C1, 6.5 X 3.38 X 1
FINISH: NONE



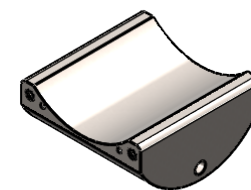
UNLESS OTHERWISE SPECIFIED: DO NOT SCALE DRAWING DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±		Southwestern Illinois College 2500 Carlyle Ave Belleville, IL 62234	
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SIZE C	DWG. NO. 14-60-01	REV X	
1:1	PHIL EASTON	SHEET 1 OF 1	

REVISIONS			
ZONE:	REV:	DESCRIPTION:	DATE:
	X	INITIAL RELEASE - SS	5/10/19

- NOTES:
1. BREAK ALL SHARP EDGES.
 2. SOME HIDDEN LINES REMOVED FOR CLARITY.
 3. $\varnothing.125$ DRILLED IN ASSEMBLY.



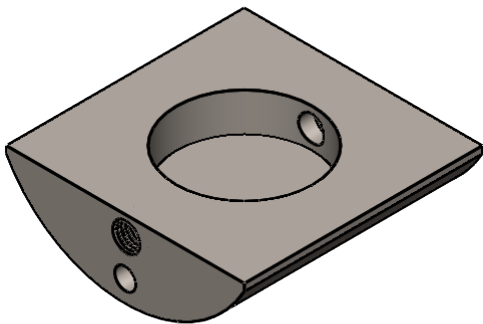
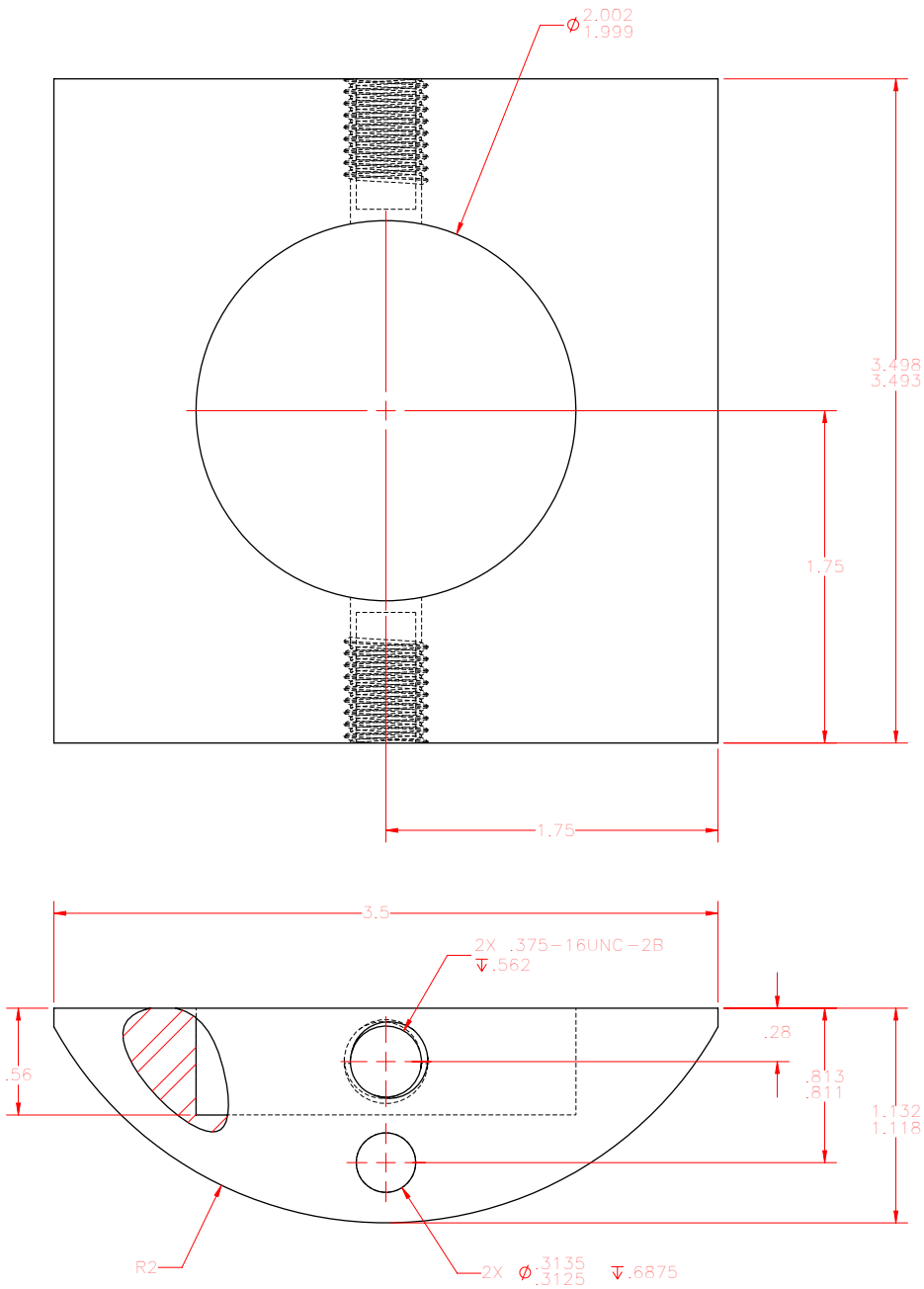
MATERIAL: CRS 3.75 X 3.5 X 2
FINISH: NONE



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DO NOT SCALE DRAWING		2500 Carlyle Ave	
DIMENSIONS ARE IN INCHES		Belleville, IL 62234	
TOLERANCES:		TITLE: COMPOUND CENTER MEMBER	
FRACTIONAL: \pm		SIZE DWG. NO.	
ANGULAR: MACH \pm BEND \pm		1:1 13-60-02	
TWO PLACE DECIMAL \pm .06		REV X	
THREE PLACE DECIMAL \pm .005		1:1 CRIS CABRERA SHEET 3 OF 11	
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REVISIONS		
ZONE:	REV:	DESCRIPTION:
	X	INITIAL RELEASE - PE
		DATE:
		05/09/19

NOTES:
1. BREAK ALL SHARP EDGES.
2. SOME HIDDEN LINES REMOVED FOR CLARITY.

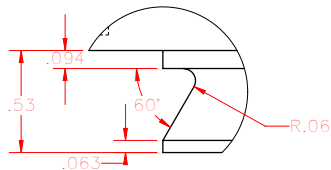
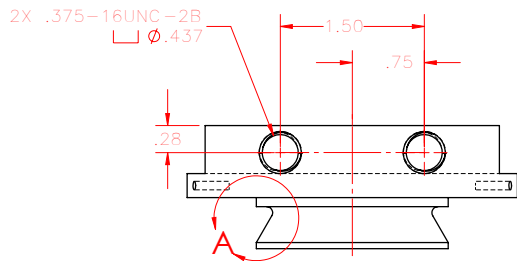
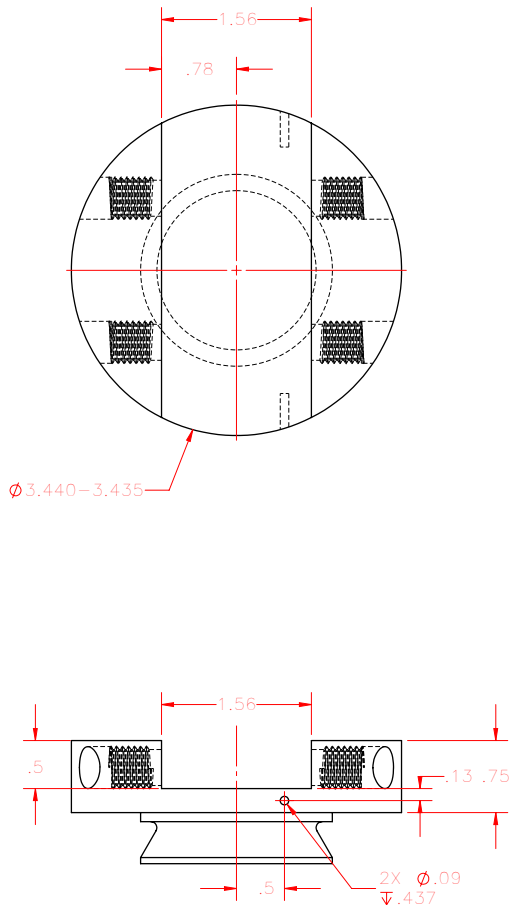


MATERIAL: CRS, 3.5 X 3.498 X 1.13
FINISH: NONE

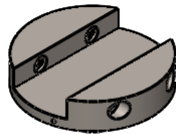
UNLESS OTHERWISE SPECIFIED: DO NOT SCALE DRAWING DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: \pm ANGULAR: MACH \pm BEND \pm TWO PLACE DECIMAL: \pm THREE PLACE DECIMAL: \pm PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SOUTHWESTERN ILLINOIS COLLEGE. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SOUTHWESTERN ILLINOIS COLLEGE IS PROHIBITED.		Southwestern Illinois College 2500 Carlyle Ave Belleville, IL 62234	
TITLE: UPPER COMP. MEM.		REV X	
SIZE C		DWG. NO. 14-60-03	
2:1 PHIL EASTON		SHEET 1 OF 1	

REVISIONS		
ZONE:	REV:	DESCRIPTION:
	X	INITIAL RELEASE - PE
		DATE:
		05/09/19

NOTES:
 1. BREAK ALL SHARP EDGES.
 2. SOME HIDDEN LINES REMOVED FOR CLARITY.



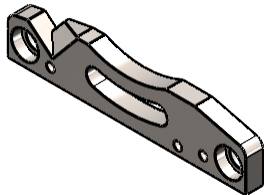
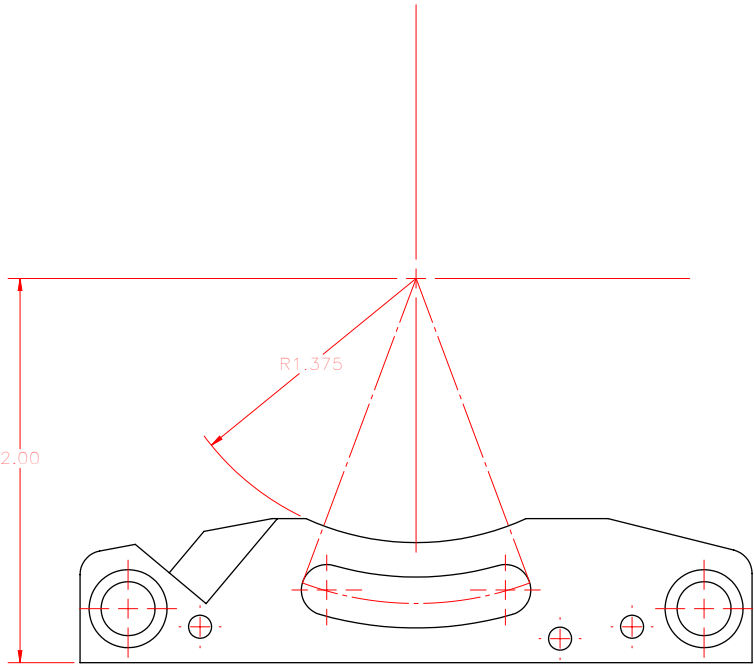
MATERIAL: CRS, $\varnothing 3.440 \times 2.874$
 FINISH: NONE



UNLESS OTHERWISE SPECIFIED:		Southwestern Illinois College	
DO NOT SCALE DRAWING		2500 Carlyle Ave	
DIMENSIONS ARE IN INCHES		Belleville, IL 62234	
TOLERANCES:		TITLE:	
FRACTIONAL		COM. TOOL HOLD.	
ANGULAR: MATCH ± BEND ±			
TWO PLACE DECIMAL			
THREE PLACE DECIMAL			
PROPRIETARY AND CONFIDENTIAL		SIZE: DWG. NO. REV	
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		1:1 PHIL EASTON SHEET 1 OF 1	

REVISIONS			
ZONE:	REV:	DESCRIPTION:	DATE:
	X	INITIAL RELEASE - SS	5/2/2019

- NOTES:
- 1. BREAK ALL SHARP EDGES.
 - 2. SOME HIDDEN LINES REMOVED FOR CLARITY.
 - 3. SEE DRAWING 13-60-06 FOR OTHER DIMENSIONS.

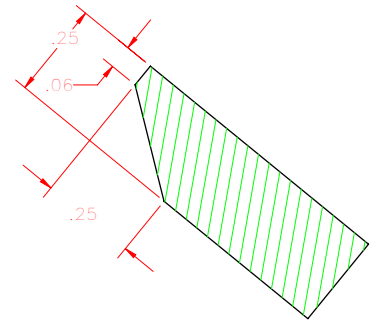
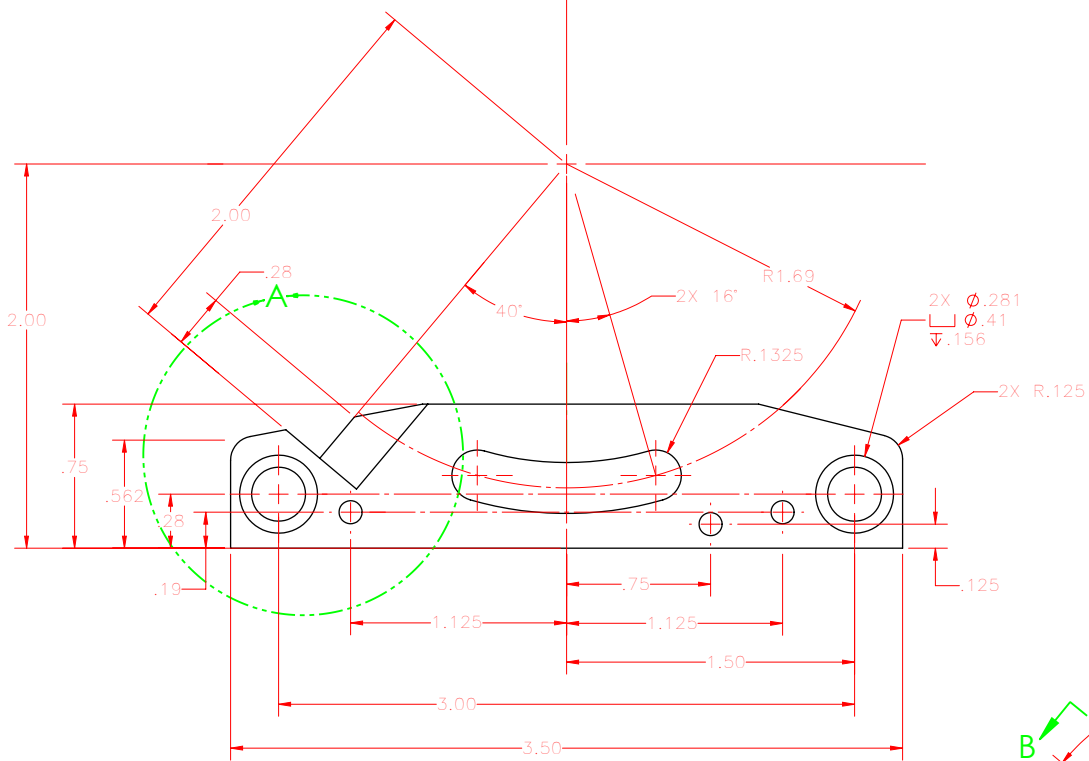


MATERIAL: CRS 3.75 X 1 X .3
FINISH: NONE

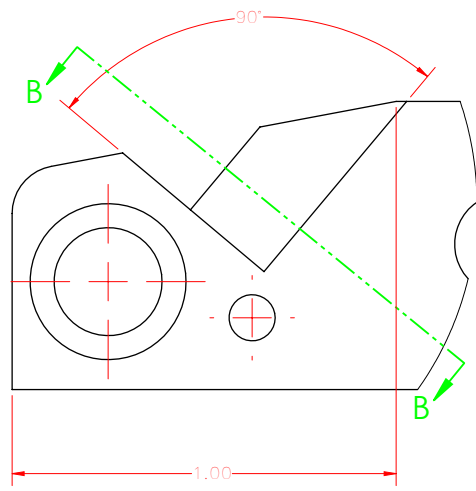
UNLESS OTHERWISE SPECIFIED:		Southwestern Illinois College	
DO NOT SCALE DRAWING		2500 Carlyle Ave	
DIMENSIONS ARE IN INCHES		Belleville, IL 62234	
TOLERANCES:		TITLE:	
FRACTIONAL: ±		UPPER PLATE	
ANGULAR: MATCH ± BEND ±		SIZE DWG. NO.	
TWO PLACE DECIMAL ±.06		C 13-60-05	
THREE PLACE DECIMAL ±.005		REV	
PROPRIETARY AND CONFIDENTIAL		X	
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REVISIONS			
ZONE:	REV:	DESCRIPTION:	DATE:
	X	INITIAL RELEASE - SS	5/2/2019

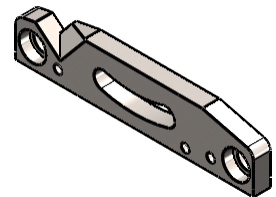
NOTES:
 1. BREAK ALL SHARP EDGES.
 2. SOME HIDDEN LINES REMOVED FOR CLARITY.



SECTION B-B
SCALE 4 : 1



DETAIL A
SCALE 4 : 1

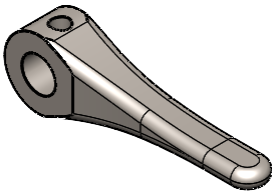
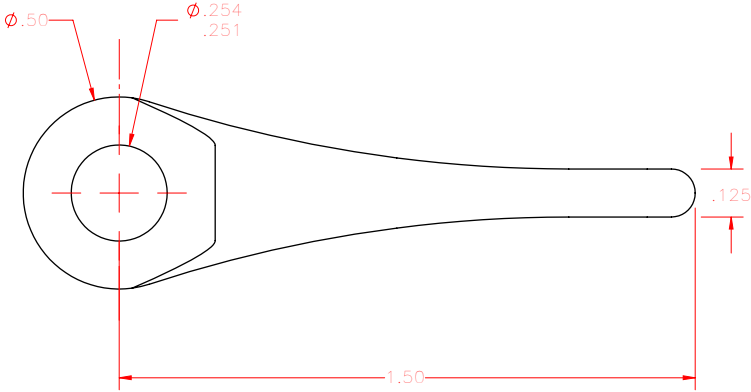
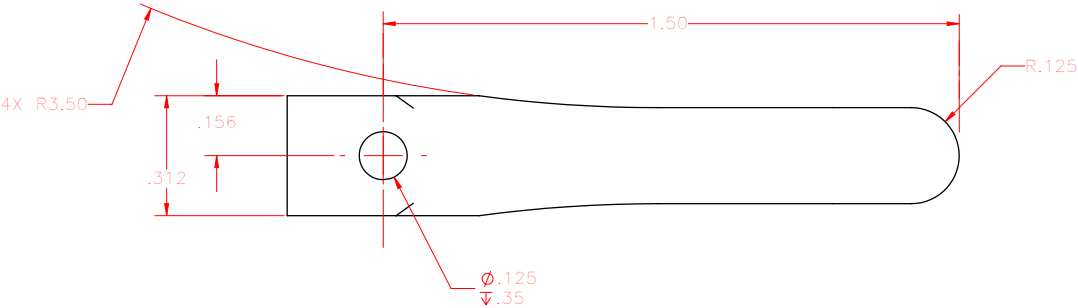


MATERIAL: CRS 3.75 X 1 X .3
 FINISH: NONE

UNLESS OTHERWISE SPECIFIED: DO NOT SCALE DRAWING DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL: ±.06 THREE PLACE DECIMAL: ±.005		Southwestern Illinois College 2500 Carlyle Ave Belleville, IL 62234	
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SIZE C	DWG. NO. 13-60-06	REV X	
2:1 CRIS CABRERA		SHEET 7 OF 11	

REVISIONS			
ZONE:	REV:	DESCRIPTION:	DATE:
	X	INITIAL RELEASE - SS	5/10/19

NOTES:
1.

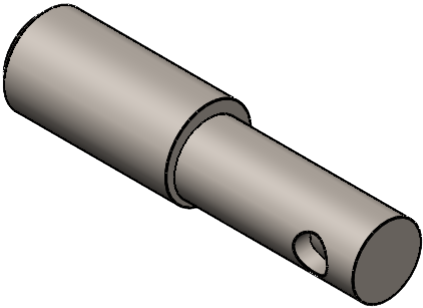
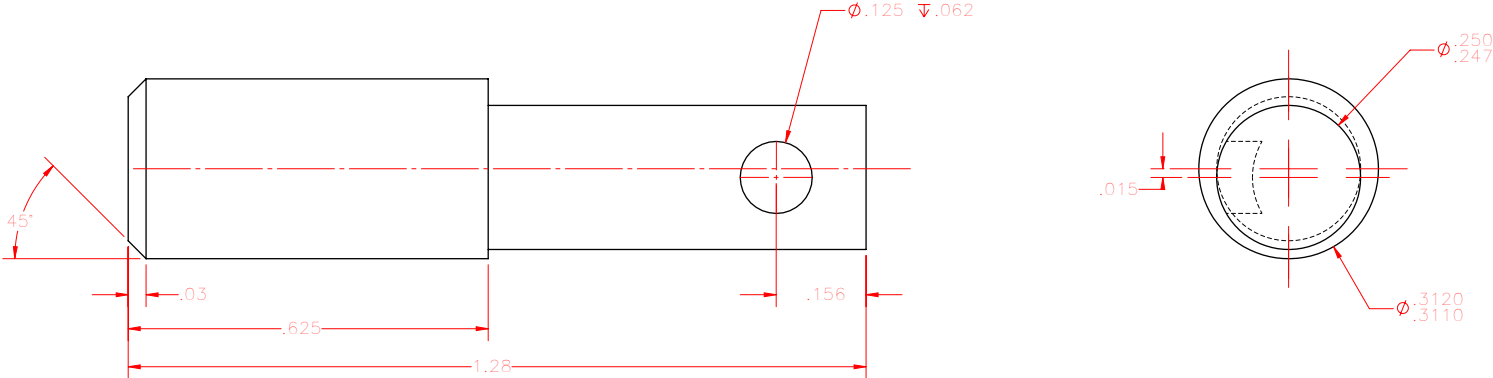


MATERIAL:
FINISH:

UNLESS OTHERWISE SPECIFIED: DO NOT SCALE DRAWING DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: \pm ANGULAR: MATCH \pm BEND \pm TWO PLACE DECIMAL: \pm .06 THREE PLACE DECIMAL: \pm .005 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SOUTHWESTERN ILLINOIS COLLEGE. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SOUTHWESTERN ILLINOIS COLLEGE IS PROHIBITED.		Southwestern Illinois College 2500 Carlyle Ave Belleville, IL 62234	
TITLE: LOCKING HANDLE			
SIZE C	DWG. NO. 14-60-07	REV X	
4:1 CRIS CABRERA		SHEET 8 OF 11	

REVISIONS		
ZONE:	REV:	DESCRIPTION:
	X	INITIAL RELEASE - PE
		DATE:
		05/09/19

NOTES:
1. BREAK ALL SHARP EDGES.
2. SOME HIDDEN LINES REMOVED FOR CLARITY.

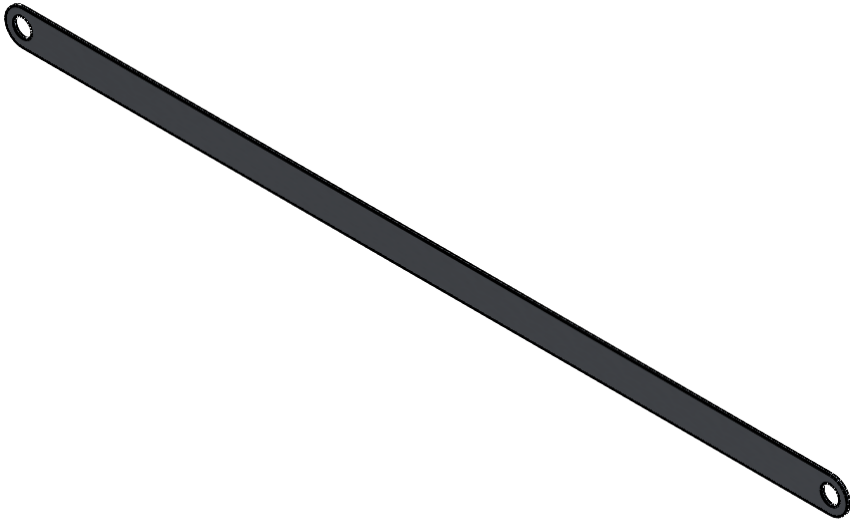
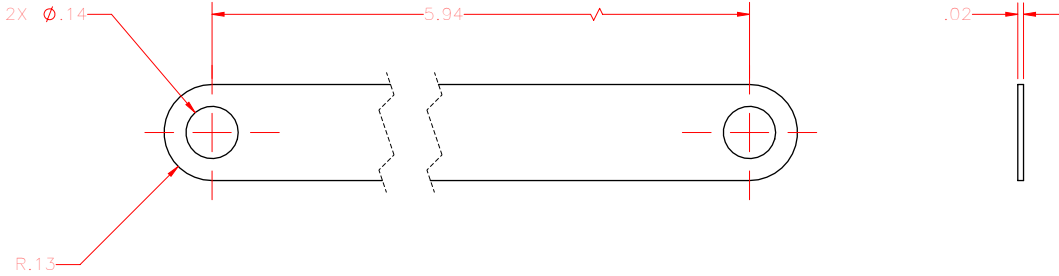


MATERIAL: .312CRS, Ø.3120 X 1.281
FINISH: NONE

UNLESS OTHERWISE SPECIFIED:		Southwestern Illinois College	
DO NOT SCALE DRAWING		2500 Carlyle Ave	
DIMENSIONS ARE IN INCHES		Belleville, IL 62234	
TOLERANCES:		TITLE:	
FRACTIONAL: ±		ECCENTRIC	
ANGULAR: MATCH ±		SIZE DWG. NO.	
TWO PLACE DECIMAL ±		C 14-60-08	
THREE PLACE DECIMAL ±		REV	
PROPRIETARY AND CONFIDENTIAL		X	
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6:1 PHIL EASTON			

REVISIONS			
ZONE:	REV:	DESCRIPTION:	DATE:
	X	INITIAL RELEASE - SS	5/2/2019

NOTES:
1. BREAK ALL SHARP EDGES.
2. SOME HIDDEN LINES REMOVED FOR CLARITY.

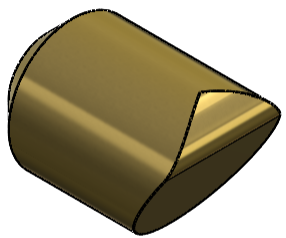
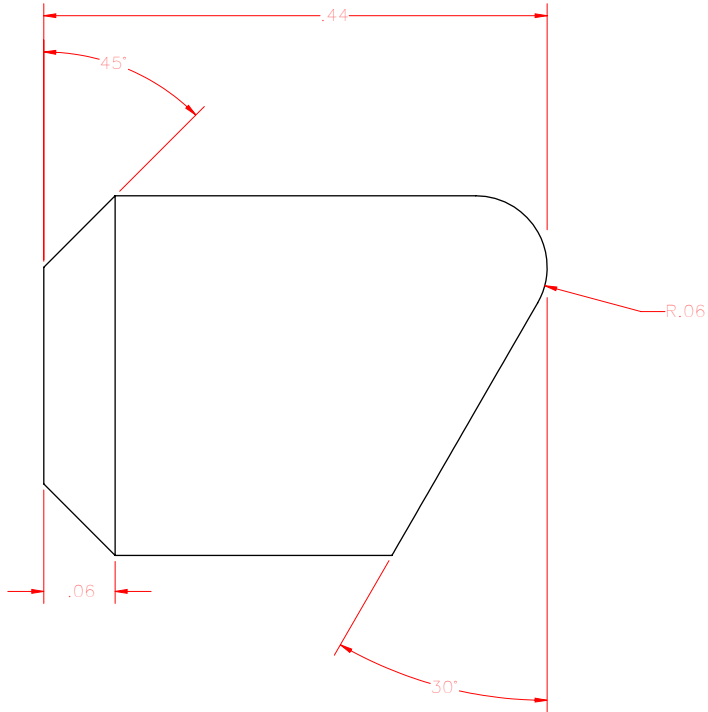
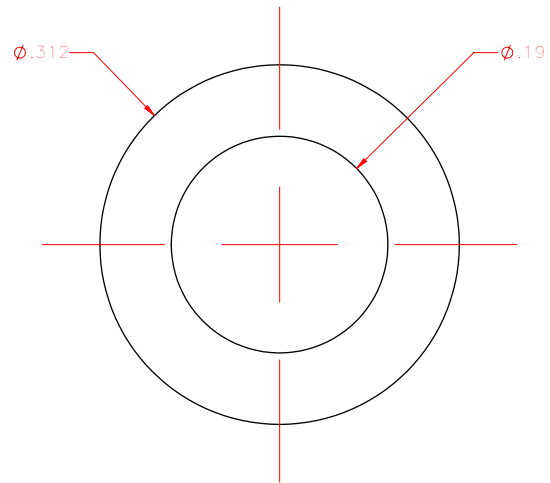


MATERIAL: AL 6.5 X .25 X .02
FINISH: NONE

UNLESS OTHERWISE SPECIFIED: DO NOT SCALE DRAWING DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: ± DECIMAL: ± ANGULAR: MATCH ± BEND ± TWO PLACE DECIMAL: ±.06 THREE PLACE DECIMAL: ±.005		Southwestern Illinois College 2500 Carlyle Ave Belleville, IL 62234	
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SIZE C	DWG. NO. 13-60-09	REV X	
4:1 CRIS CABRERA		SHEET 10 OF 11	

REVISIONS			
ZONE:	REV:	DESCRIPTION:	DATE:
	X	INITIAL RELEASE - SS	5/2/2019

NOTES:
1. BREAK ALL SHARP EDGES.
2. SOME HIDDEN LINES REMOVED FOR CLARITY.



MATERIAL: BRASS $\varnothing .312$ X .44
FINISH: NONE

UNLESS OTHERWISE SPECIFIED: DO NOT SCALE DRAWING DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: \pm DECIMAL: \pm ANGULAR: MACH \pm BEND \pm TWO PLACE DECIMAL: $\pm .06$ THREE PLACE DECIMAL: $\pm .005$ THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SOUTHWESTERN ILLINOIS COLLEGE. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SOUTHWESTERN ILLINOIS COLLEGE IS PROHIBITED.		Southwestern Illinois College 2500 Carlyle Ave Belleville, IL 62234	
TITLE: CLAMP PLUG		SIZE C	DWG. NO. 13-60-10
PROPRIETARY AND CONFIDENTIAL		REV X	DATE 5/2/2019