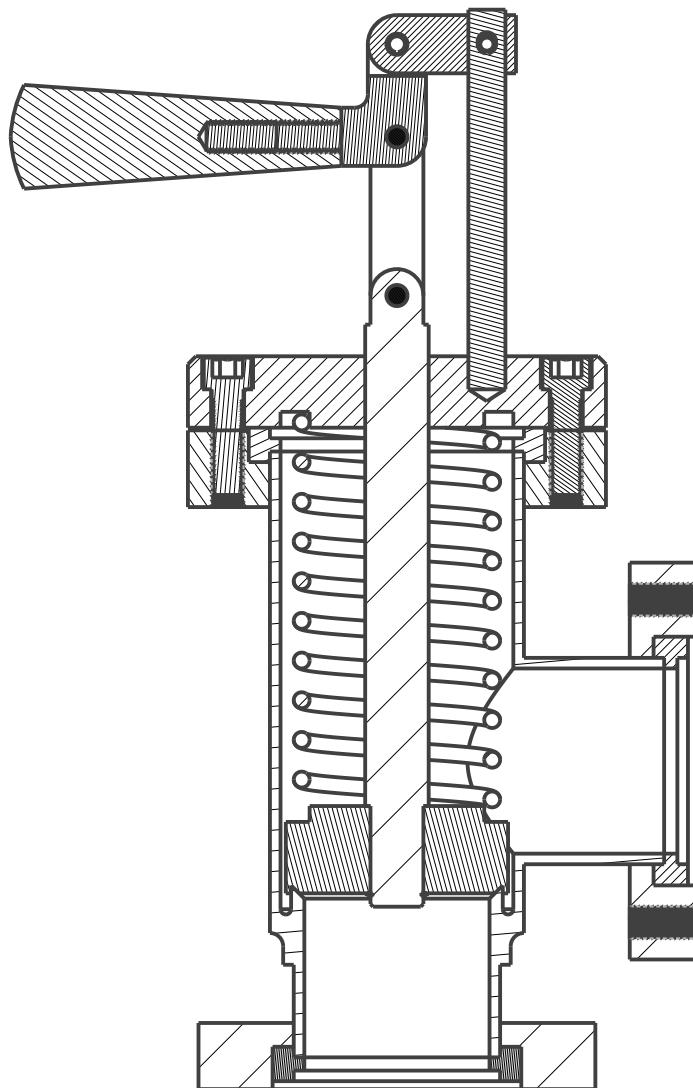


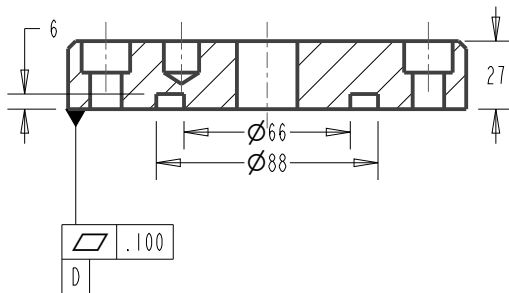
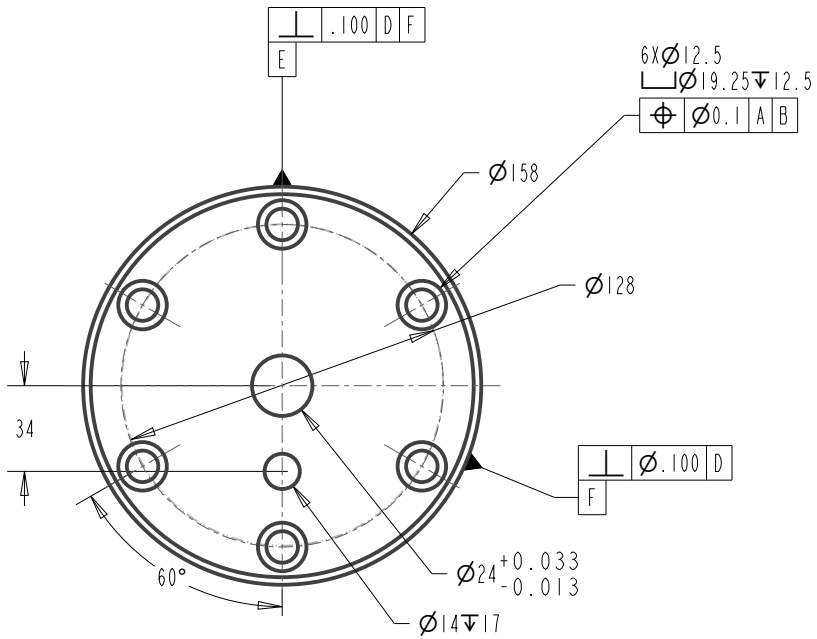
REVISIONS					
ECN	REV	DESCRIPTION	DATE	REVISED BY	APPROVED

20	4	FP, E TYPE RET. RING, METRIC		
19	1	FP, EXT. RET. RING, METRIC-1		
18	6	001_TAMC241_BOLT_2		
17	1	FP, SPRING PIN, METRIC-1		
16	1	FP, EXP. PIN, METRIC-1		
15	1	001_TAMC241_WELD_RING_2		
14	2	001_TAMC241_WELD_RING		
13	1	001_TAMC241_VALVE_TOP		
12	1	001_TAMC241_SUPPORT		
11	1	001_TAMC241_SPRING		
10	1	001_TAMC241_SHAFT		
9	1	001_TAMC241_PISTON		
8	2	001_TAMC241_PIN		
7	1	001_TAMC241_MATING_RING_B		
6	2	001_TAMC241_MATING_RING_A		
5	1	001_TAMC241_JOINT_B		
4	1	001_TAMC241_JOINT_A		
3	1	001_TAMC241_HANDLE		
2	2	001_TAMC241_BRACE		
1	1	001_TAMC241_BODY		
DET	QTY	NAME	MATERIAL	DESCRIPTION
UNLESS OTHERWISE SPECIFIED		SIGNATURES	DATE	Todd McKenzie tamc241
DIMENSIONS ARE IN INCHES		DRAWN	Apr-22-23	
2 PL DECIMALS	0.01	CHECKED		001_TAMC241_FINAL_ASSEMBLY
3 PL DECIMALS	0.001			
ANGLES	0.5	APPROVED		
FRACTIONS	XXXX			
UK MECHANICAL ENGINEERING DEPT UNIVERSITY OF KENTUCKY			SIZE A	MODEL TYPE ASSEMB
			SCALE 0.056	DRW FILE 001_TAMC241_FINAL_DRAWING OF 16
				SHEET 16



REVISIONS					
ECN	REV	DESCRIPTION	DATE	REVISED BY	APPROVED

20	4	FP, E TYPE, RET. RING, METRIC		
19	1	FP, EXT. RET. RING, METRIC-1		
18	6	001_TAMC241_BOLT_2		
17	1	FP, SPRING PIN, METRIC-1		
16	1	FP, EXP. PIN, METRIC-1		
15	1	001_TAMC241_WELD_RING_2		
14	2	001_TAMC241_WELD_RING		
13	1	001_TAMC241_VALVE_TOP		
12	1	001_TAMC241_SUPPORT		
11	1	001_TAMC241_SPRING		
10	1	001_TAMC241_SHAFT		
9	1	001_TAMC241_PISTON		
8	2	001_TAMC241_PIN		
7	1	001_TAMC241_MATING_RING_B		
6	2	001_TAMC241_MATING_RING_A		
5	1	001_TAMC241_JOINT_B		
4	1	001_TAMC241_JOINT_A		
3	1	001_TAMC241_HANDLE		
2	2	001_TAMC241_BRACE		
1	1	001_TAMC241_BODY		
DET	QTY	NAME	MATERIAL	DESCRIPTION
UNLESS OTHERWISE SPECIFIED		SIGNATURES	DATE	Todd McKenzie tamc241
DIMENSIONS ARE IN INCHES		DRAWN	Apr-22-23	
TOLERANCE ON		CHECKED		001_TAMC241_FINAL_ASSEMBLY
2 PL DECIMALS	0.01			
3 PL DECIMALS	0.001			
ANGLES	0.5	APPROVED		
FRACTIONS	XXXX			
UK MECHANICAL ENGINEERING DEPT UNIVERSITY OF KENTUCKY			SIZE A	MODEL TYPE ASSEMB
			SCALE 0.056	DRW #
				REV
				SHEET



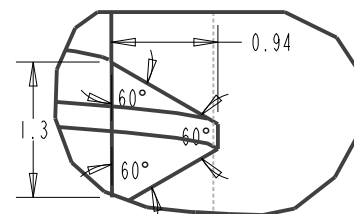
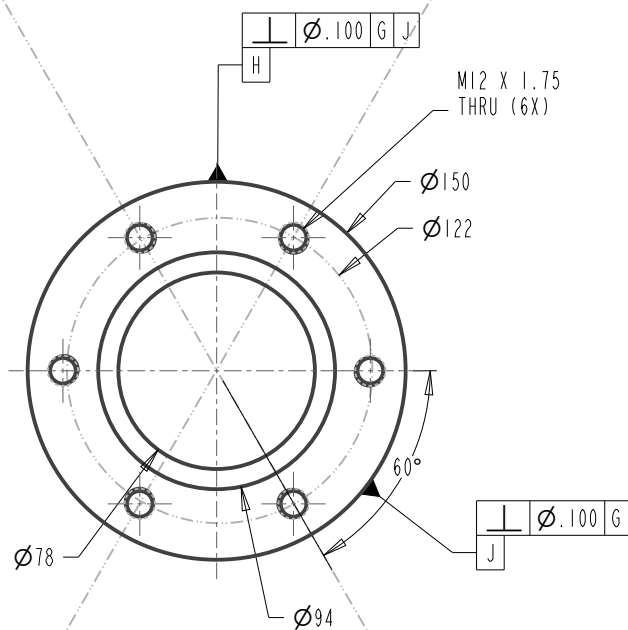
REVISIONS					
ECN	REV	DESCRIPTION	DATE	REVISED BY	APPROVED

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	SIGNATURES	DATE	Todd McKenzie tamc241		
	DRAWN	Apr-23-23			
	CHECKED		001_TAMC241_VALVE_TOP		
	APPROVED				
2 PL DECIMALS 0.01			SIZE A	MODEL TYPE PART	DWG #
3 PL DECIMALS 0.001			SCALE 0.333	DWG FILE 001_TAMC241_FINAL_DRAWING	SHEET 4 OF 16
ANGLES 0.5					
FRACTIONS XXXX					

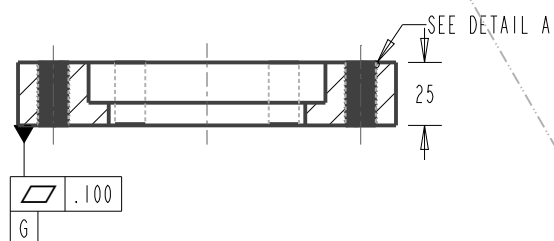


MECHANICAL ENGINEERING DEPT
UNIVERSITY OF KENTUCKY

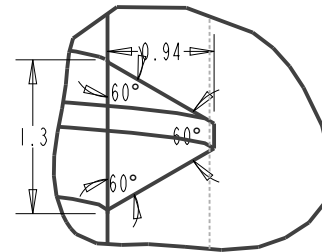
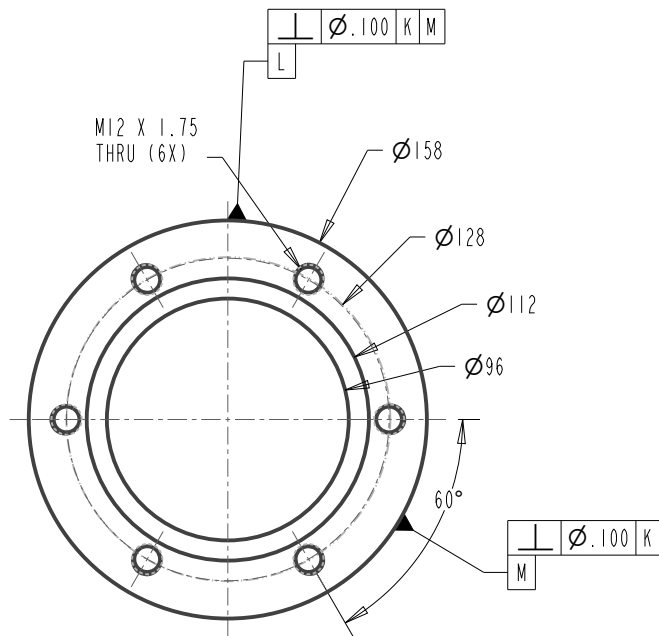
REVISIONS					
ECN	REV	DESCRIPTION	DATE	REVISED BY	APPROVED



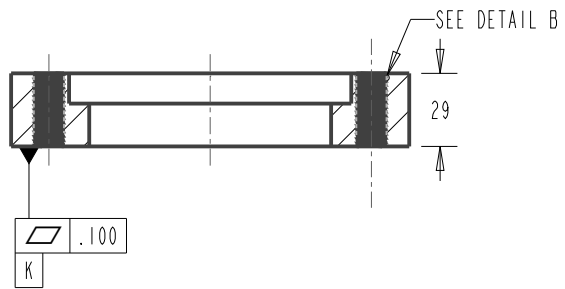
Detail A



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON 2 PL. DECIMALS 0.01 3 PL. DECIMALS 0.001 ANGLES 0.5 FRACTIONS XXXX	SIGNATURES	DATE	Todd McKenzie tamc241		
	DRAWN	Apr-23-23			
	CHECKED		001-TAMC241-MATING-RING-A		
	APPROVED				
UAK MECHANICAL ENGINEERING DEPT UNIVERSITY OF KENTUCKY		SIZE A	MODEL TYPE PART	DWG #	REV 1
SCALE 0.333		DWG FILE 001-TAMC241-FINAL-DRAWING		SHEET 5 OF 16	



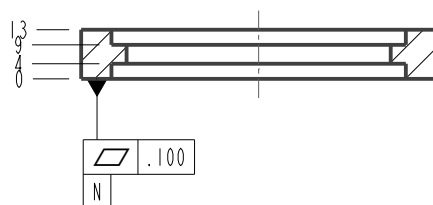
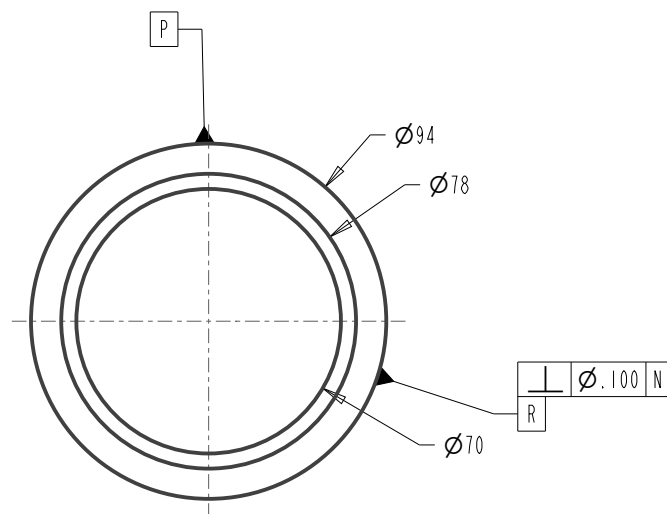
Detail B



REVISIONS					
ECN	REV	DESCRIPTION	DATE	REVISED BY	APPROVED

<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON</small>	SIGNATURES	DATE	Todd McKenzie tamc241	
	DRAWN	Apr-23-23		
	CHECKED		001_TAMC241_MATING_RING_B	
	APPROVED			
<small>2 PL. DECIMALS 0.01 3 PL. DECIMALS 0.001 ANGLES 0.5 FRACTIONS XXXX</small>	<small>SIZE A</small>	<small>MODEL TYPE PART</small>	<small>DWG #</small>	<small>REV 1</small>
MECHANICAL ENGINEERING DEPT UNIVERSITY OF KENTUCKY	<small>SCALE</small> 0.333	<small>DWG FILE</small> 001_TAMC241_FINAL_DRAWING	<small>SHEET</small> 6 OF 16	

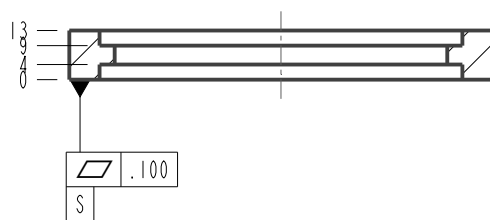
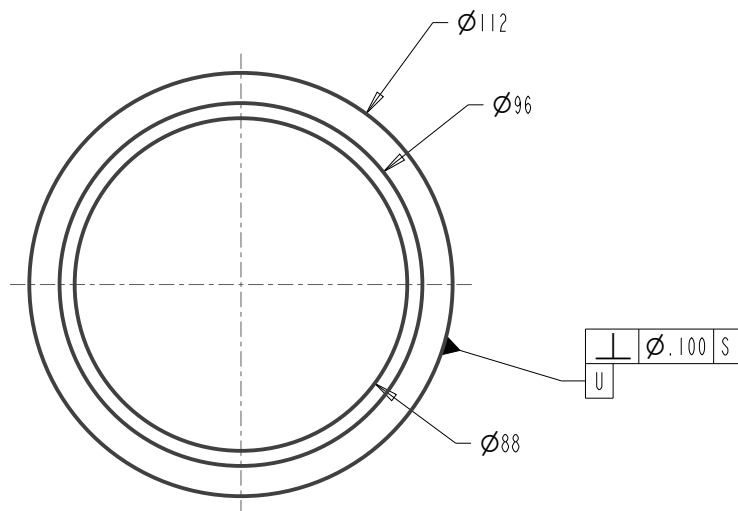
REVISIONS					
ECN	REV	DESCRIPTION	DATE	REVISED BY	APPROVED



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		SIGNATURES		DATE		Todd McKenzie tamc241	
TOLERANCE ON		DRAWN		Apr-23-23			
2 PL DECIMALS 0.01		CHECKED					
3 PL DECIMALS 0.001		APPROVED				001_TAMC241_WELD_RING	
ANGLES 0.5							
FRACTIONS XXXX							

MECHANICAL ENGINEERING DEPT UNIVERSITY OF KENTUCKY	SIZE A	MODEL TYPE PART	DRW #	REV 1
	SCALE 0.500	DRW FILE 001_TAMC241_FINAL_DRAWING	SHEET 7 OF 16	

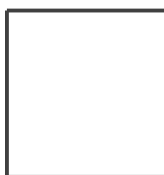
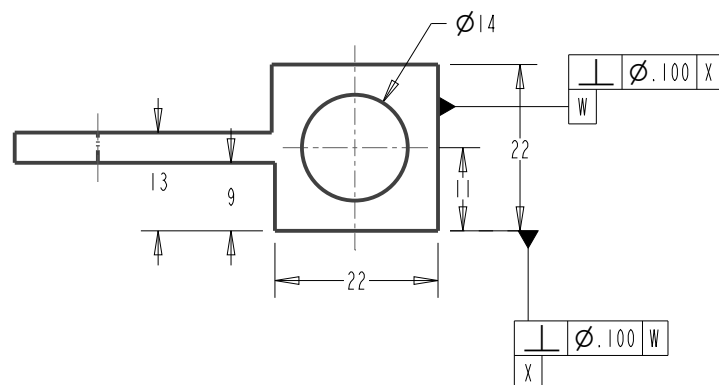
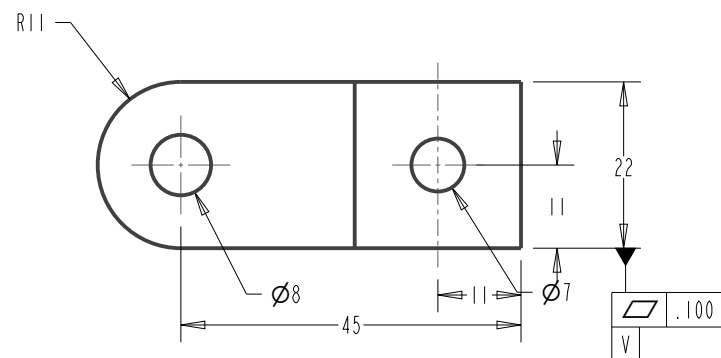
REVISIONS					
ECN	REV	DESCRIPTION	DATE	REVISED BY	APPROVED



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON		SIGNATURES	DATE	Todd McKenzie tamc241 001.TAMC241.WELD.RING.2	
2 PL. DECIMALS 0.01		DRAWN	Apr-23-23		
3 PL. DECIMALS 0.001		CHECKED			
ANGLES 0.5		APPROVED			
FRACTIONS XXXX					

MECHANICAL ENGINEERING DEPT UNIVERSITY OF KENTUCKY	SIZE A	MODEL TYPE PART	DWG #	REV 1
	SCALE 0.500	DWG FILE 001.TAMC241.FINAL.DRAWING	SHEET 8 OF 16	

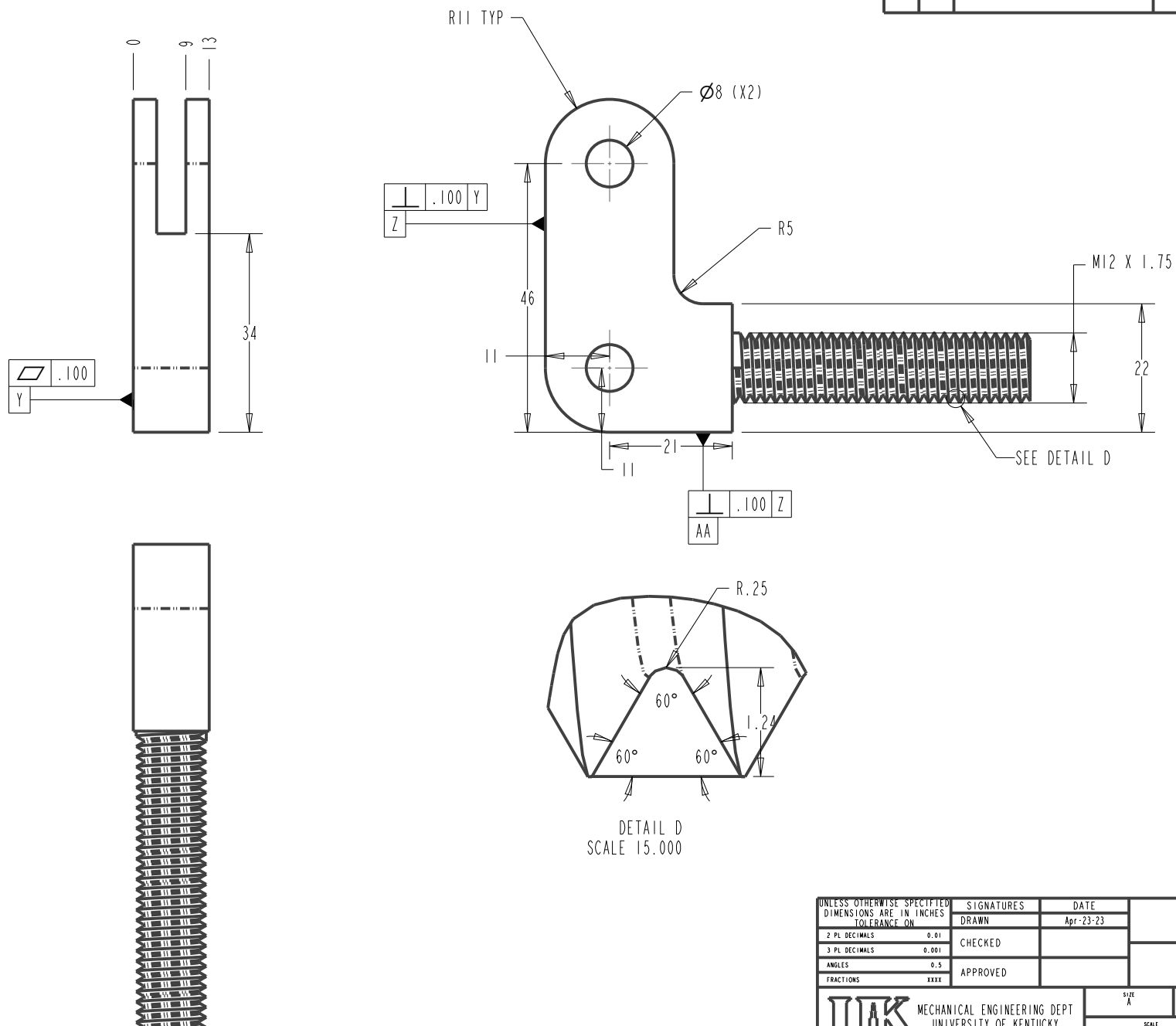
REVISIONS					
ECN	REV	DESCRIPTION	DATE	REVISED BY	APPROVED




UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON		SIGNATURES	DATE	Todd McKenzie tamc241	
2 PL DECIMALS	0.01	DRAWN	Apr-23-23		
3 PL DECIMALS	0.001	CHECKED			
ANGLES	0.5	APPROVED		001_TAMC241_JOINT_A	
FRACTIONS	XXXX				

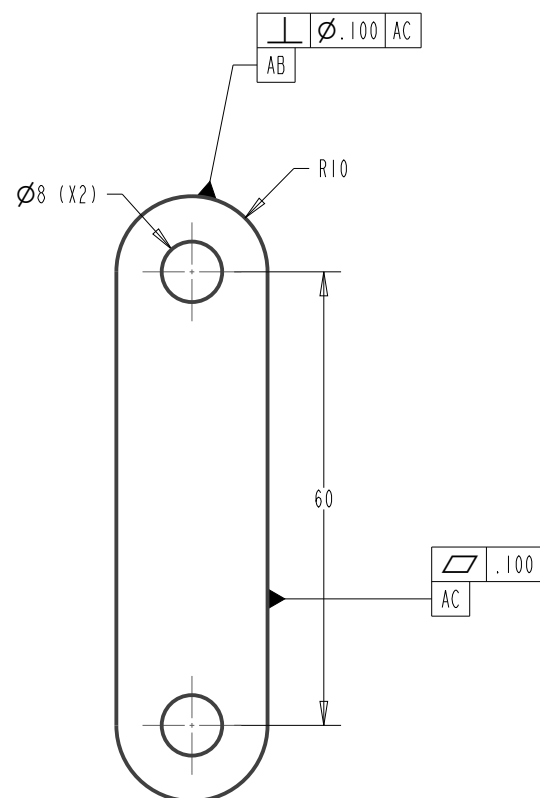
UAK MECHANICAL ENGINEERING DEPT UNIVERSITY OF KENTUCKY	SIZE A	MODEL TYPE PART	DWG #	REV 1
	SCALE 1.000	DWG FILE 001_TAMC241_FINAL_DRAWING	SHEET 9 OF 16	

REVISIONS					
ECN	REV	DESCRIPTION	DATE	REVISED BY	APPROVED

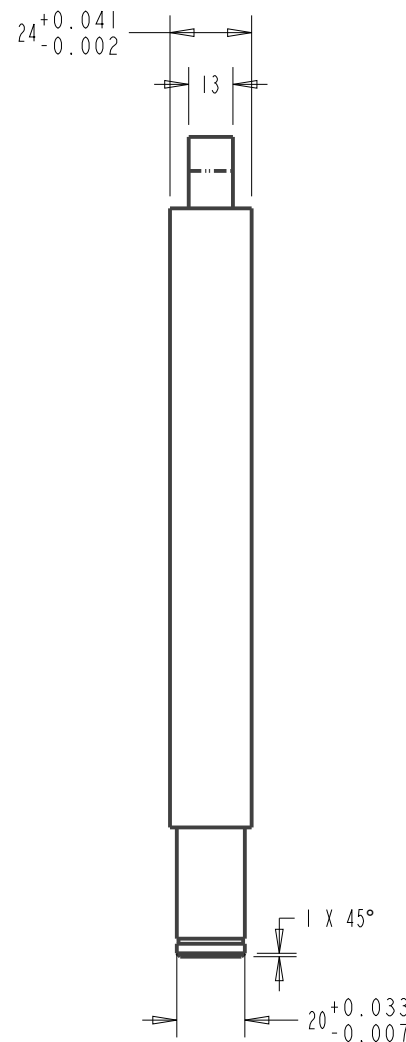
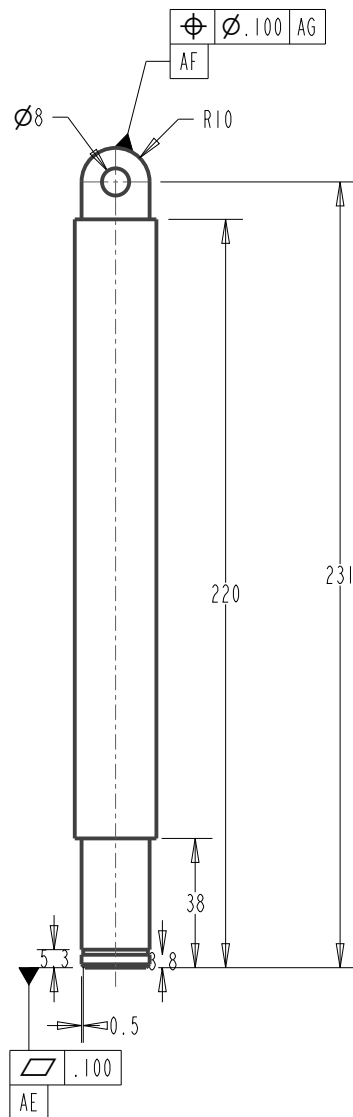


UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	SIGNATURES	DATE	Todd McKenzie tamc241				
	DRAWN	Apr-23-23					
	2 PL DECIMALS 0.01	CHECKED	001_TAMC241_JOINT.B				
	3 PL DECIMALS 0.001						
	ANGLES 0.5						
FRACTIONS XXXX	APPROVED						
 MECHANICAL ENGINEERING DEPT UNIVERSITY OF KENTUCKY	SIZE A	MODEL TYPE PART	DWG #	REV #			
	SCALE 1.000	DWG FILE 001_TAMC241_FINAL_DRAWING	SHEET 10 OF 16				

REVISIONS					
ECN	REV	DESCRIPTION	DATE	REVISED BY	APPROVED

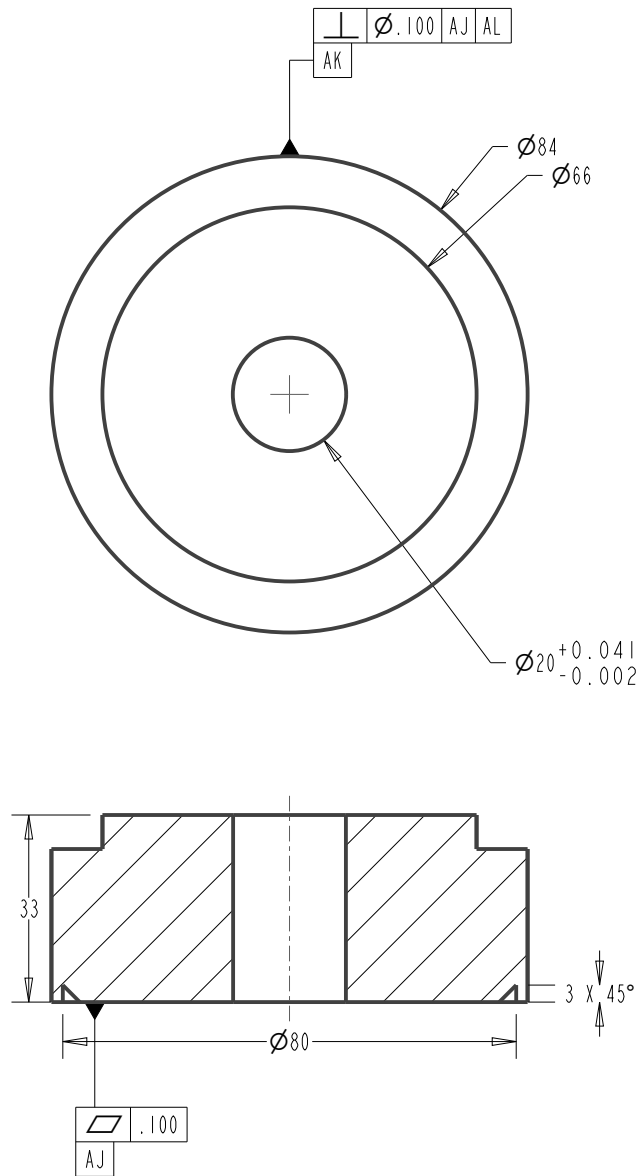


UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON 2 PL DECIMALS 0.01 3 PL DECIMALS 0.001 ANGLES 0.5 FRACTIONS XXXX	SIGNATURES	DATE	Todd McKenzie tamc241		
	DRAWN	Apr-23-23			
	CHECKED		001.TAMC241_BRACE		
	APPROVED				
UAK MECHANICAL ENGINEERING DEPT UNIVERSITY OF KENTUCKY		SIZE A	MODEL TYPE PART	DWG #	REV 1
		SCALE 1.000	DWG FILE 001.TAMC241_FINAL.DRAWING	SHEET 11 OF 16	




REVISIONS					
ECN	REV	DESCRIPTION	DATE	REVISED BY	APPROVED

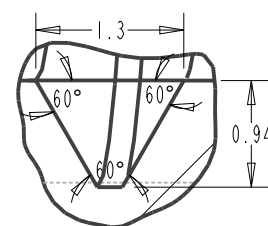
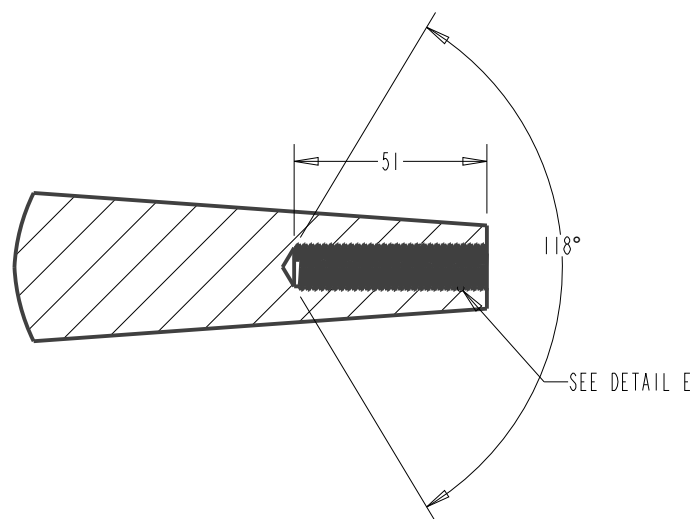
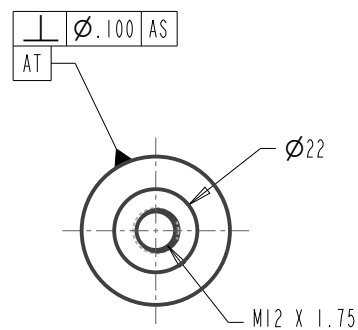
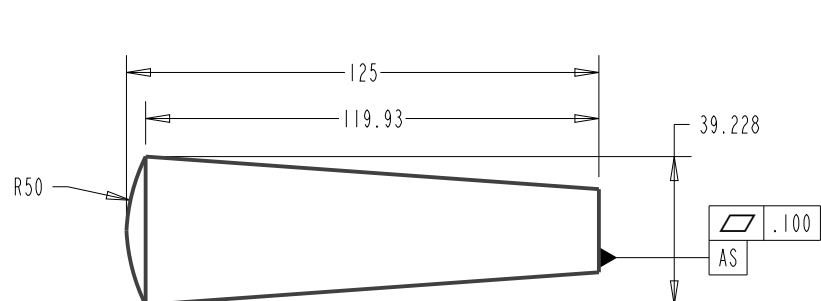
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON		SIGNATURES	DATE	Todd McKenzie tamc241	
		DRAWN	Apr-23-23		
		CHECKED		001.TAMC241.SHAFT	
		APPROVED			
2 PL DECIMALS	0.01			SIZE	MODEL TYPE
3 PL DECIMALS	0.001			A	PART
ANGLES	0.5			DWG #	REV #
FRACTIONS	XXX				
UAK MECHANICAL ENGINEERING DEPT UNIVERSITY OF KENTUCKY		SCALE	DWG FILE	SHEET	
		0.200	001.TAMC241.FINAL.DRAWING	12 OF 16	



REVISIONS					
ECN	REV	DESCRIPTION	DATE	REVISED BY	APPROVED

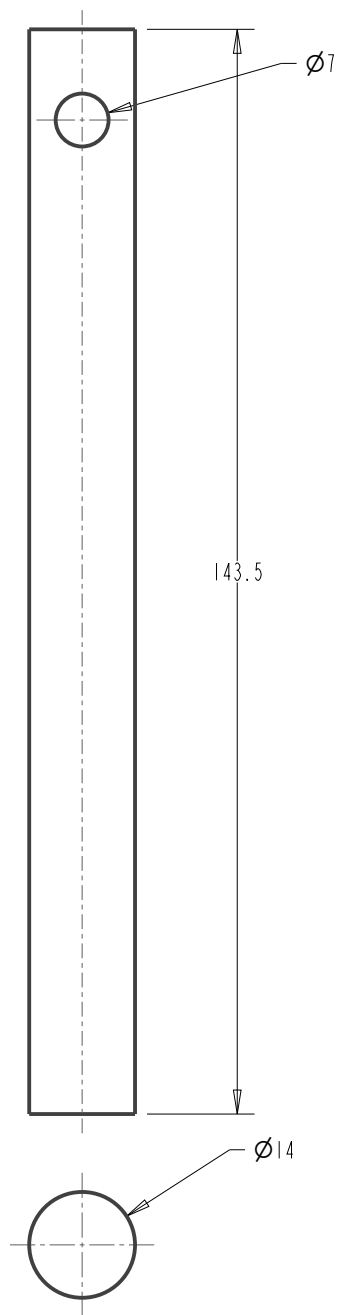
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON		SIGNATURES		DATE		Todd McKenzie tamc241							
		DRAWN		Apr-23-23									
		2 PL DECIMALS 0.01		CHECKED		001.TAMC241.PISTON							
		3 PL DECIMALS 0.001											
ANGLES 0.5		APPROVED											
FRACTIONS XXXX													
 MECHANICAL ENGINEERING DEPT UNIVERSITY OF KENTUCKY						SIZE A		MODEL TYPE PART		DWG #		REV 1	
						SCALE 1.000		DWG FILE 001.TAMC241.FINAL.DRAWING				SHEET 13 OF 16	

REVISIONS					
ECN	REV	DESCRIPTION	DATE	REVISED BY	APPROVED



DETAIL E
SCALE 15.000

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	SIGNATURES	DATE	Todd McKenzie tamc241		
	DRAWN	Apr-23-23			
	CHECKED				
	APPROVED		001.TAMC241_HANDLE		
2 PL. DECIMALS	0.01				
3 PL. DECIMALS	0.001				
ANGLES	0.5				
FRACTIONS	XXXX				
MECHANICAL ENGINEERING DEPT UNIVERSITY OF KENTUCKY		SIZE A	MODEL TYPE PART	DWG #	REV 1
		SCALE 0.500	DWG FILE 001.TAMC241_FINAL.DWG	SHEET 14 OF 16	

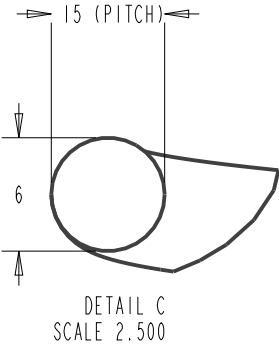
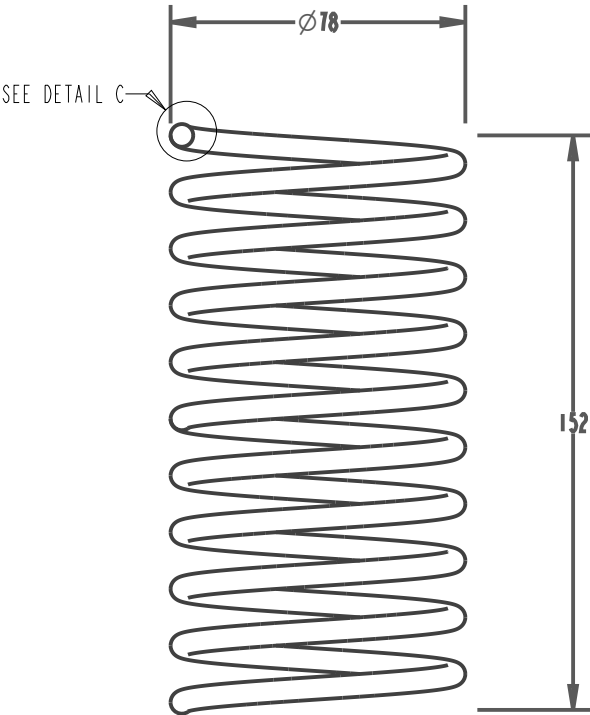


REVISIONS					
ECN	REV	DESCRIPTION	DATE	REVISED BY	APPROVED

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	SIGNATURES	DATE	Todd McKenzie tamc241	
	DRAWN	Apr-23-23		
	2 PL DECIMALS 0.01	CHECKED		001_TAMC241_SUPPORT
	3 PL DECIMALS 0.001	APPROVED		
ANGLES 0.5				
FRACTIONS XXXX				

UAK MECHANICAL ENGINEERING DEPT UNIVERSITY OF KENTUCKY	SIZE A	MODEL TYPE PART	DWG #	REV 1
	SCALE 0.333	DWG FILE 001_TAMC241_FINAL_DRAWING	SHEET 15 OF 16	

REVISIONS					
ECN	REV	DESCRIPTION	DATE	REVISED BY	APPROVED



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON 2 PL. DECIMALS 0.01 3 PL. DECIMALS 0.001 ANGLES 0.5 FRACTIONS XXXX		SIGNATURES		DATE	
		DRAWN		Apr-23-23	
		CHECKED			
		APPROVED			
Todd McKenzie tamc241				001_TAMC241_SUPPORT	
MECHANICAL ENGINEERING DEPT UNIVERSITY OF KENTUCKY		SIZE A	MODEL TYPE PART	DWG #	REV 1
		SCALE 0.333	DWG FILE 001_TAMC241_FINAL_DRAWING	SHEET 16 OF 16	