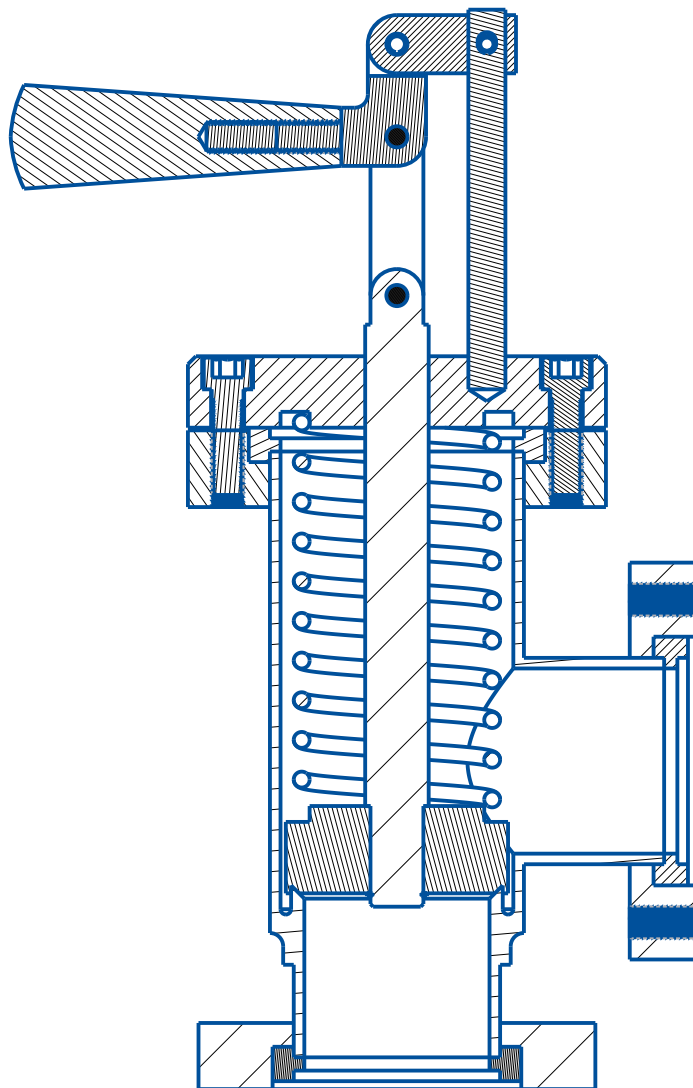


REVISIONS					
ECN	REV	DESCRIPTION	DATE	REVISED BY	APPROVED

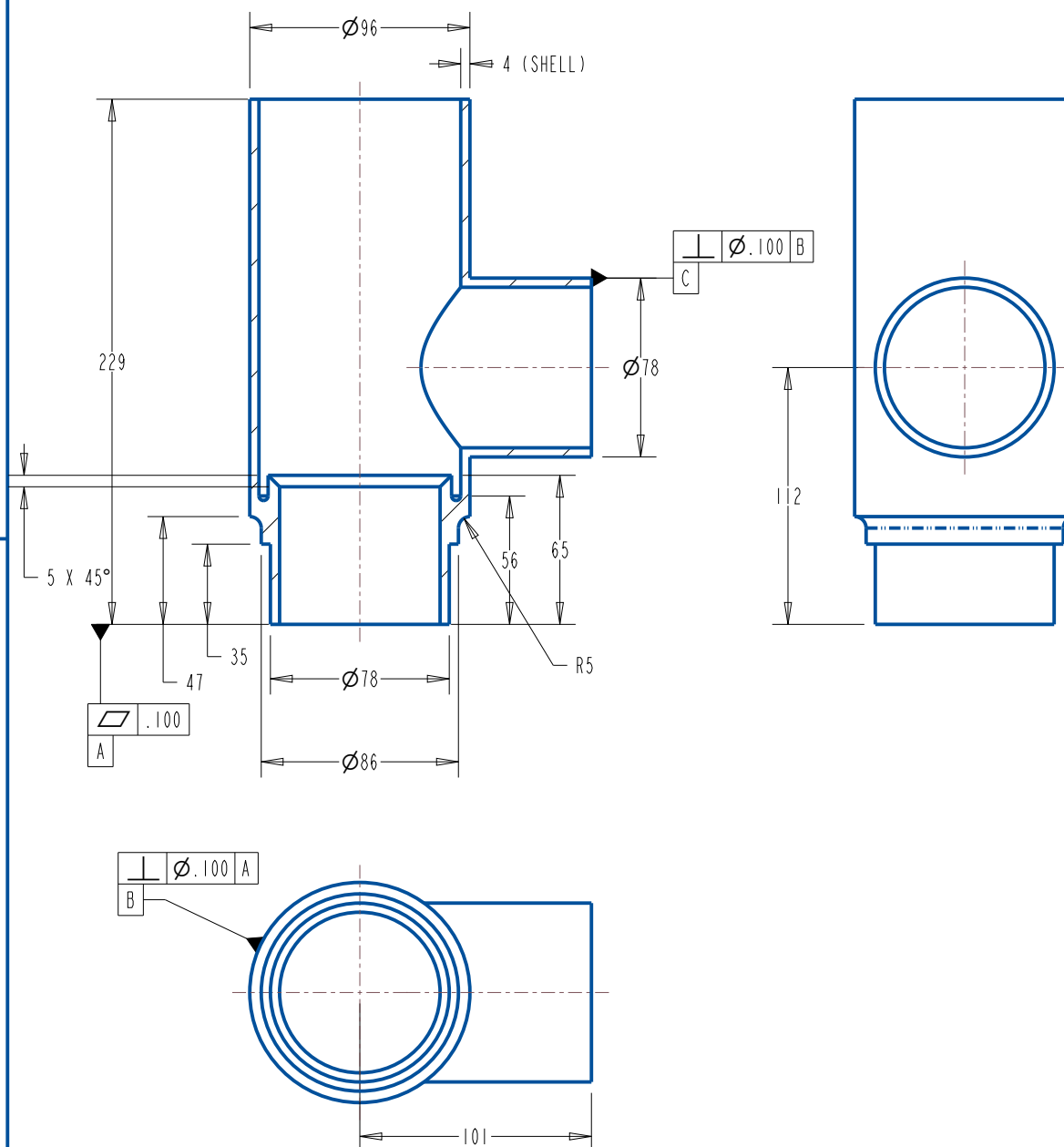
20	4	FP, E, TYPE, RET, RING, METRIC		
19	1	FP, EXT, RET, RING, METRIC-1		
18	6	001, TAMC241, BOLT, 2		
17	1	FP, SPRING, PIN, METRIC-1		
16	1	FP, EXP, PIN, METRIC-1		
15	1	001, TAMC241, WELD, RING, 2		
14	2	001, TAMC241, WELD, RING		
13	1	001, TAMC241, VALVE, TOP		
12	1	001, TAMC241, SUPPORT		
11	1	001, 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 ASSEMBLY
			SCALE 0.056	DRW # 001_TAMC241_FINAL_DRAWING OF 16
			SHEET 16	




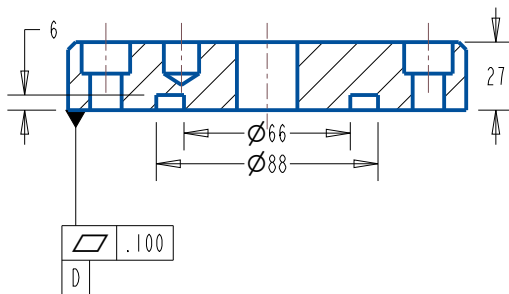
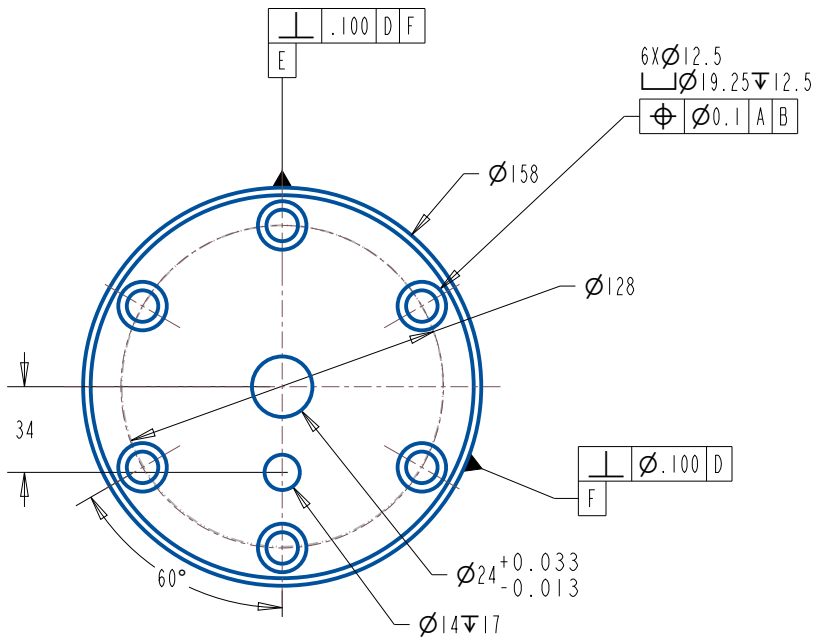
REVISIONS					
ECN	REV	DESCRIPTION	DATE	REVISED BY	APPROVED

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 # 001_TAMC241_FINAL_DRAWING OF 16
				SHEET 16


REVISIONS					
ECN	REV	DESCRIPTION	DATE	REVISED BY	APPROVED



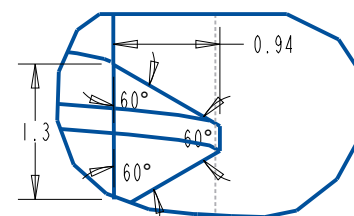
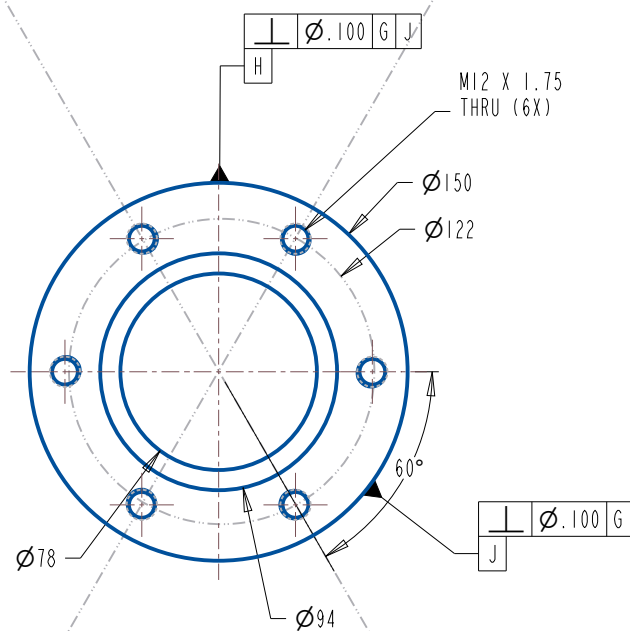
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	SIGNATURES		DATE		Todd McKenzie tamc241	
	DRAWN		Apr-23-23			
	2 PL DECIMALS 0.01		CHECKED	001_TAMC241_BODY		
	3 PL DECIMALS 0.001					
	ANGLES 0.5					
	FRACTIONS XXXX					
 MECHANICAL ENGINEERING DEPT UNIVERSITY OF KENTUCKY	SIZE A		MODEL TYPE PART		DWG #	REV #
	SCALE 0.250		DWG FILE 001_TAMC241_FINAL_DRAWING		SHEET 3 OF 16	



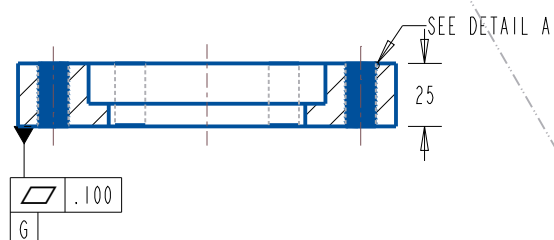
REVISIONS					
ECN	REV	DESCRIPTION	DATE	REVISED BY	APPROVED

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	SIGNATURES		DATE		Todd McKenzie tamc241					
	DRAWN		Apr-23-23							
	CHECKED									
	APPROVED									
2 PL DECIMALS	0.01				001-TAMC241-VALVE_TOP					
3 PL DECIMALS	0.001									
ANGLES	0.5									
FRACTIONS	XXXX									
	MECHANICAL ENGINEERING DEPT UNIVERSITY OF KENTUCKY		SIZE A		MODEL TYPE PART		DWG #		REV #	
			SCALE 0.333		DWG FILE 001-TAMC241-FINAL.DRAWING		SHEET 4 OF 16			

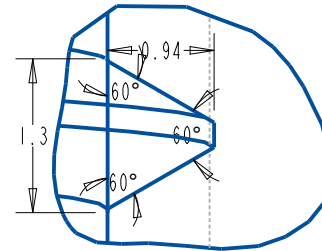
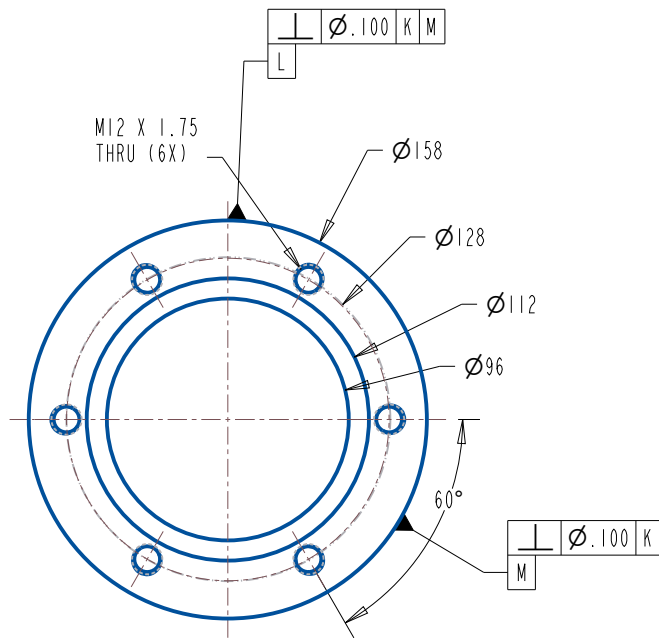
REVISIONS					
ECN	REV	DESCRIPTION	DATE	REVISED BY	APPROVED



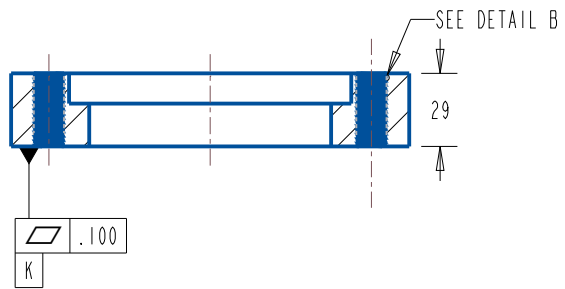
Detail A



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	SIGNATURES	DATE	Todd McKenzie tamc241	
	DRAWN	Apr-23-23		
	CHECKED		001_TAMC241_MATING_RING_A	
	APPROVED			
2 PL DECIMALS 0.01	<div>UAK</div> <div>MECHANICAL ENGINEERING DEPT UNIVERSITY OF KENTUCKY</div>		SIZE A	MODEL TYPE PART
3 PL DECIMALS 0.001			SCALE 0.333	DWG #
ANGLES 0.5			DWG FILE 001_TAMC241_FINAL_DRAWING	REV 1
FRACTIONS XXXX			SHEET 5 OF 16	



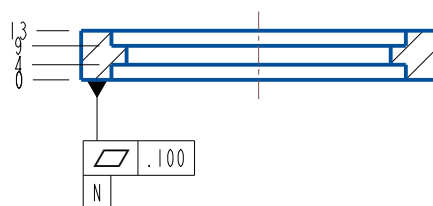
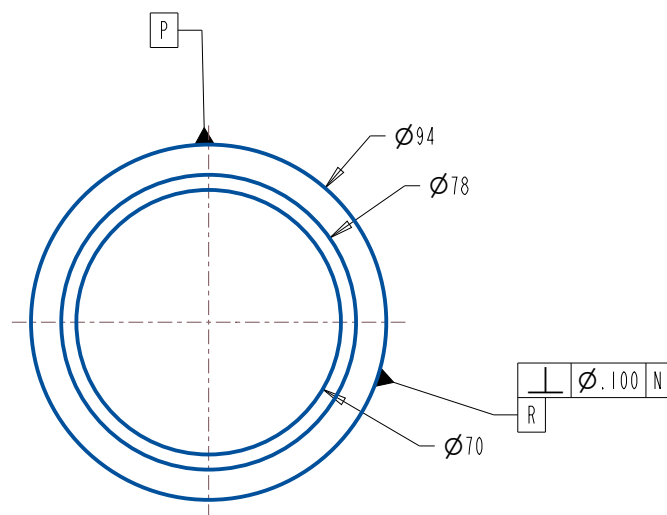
Detail B



REVISIONS					
ECN	REV	DESCRIPTION	DATE	REVISED BY	APPROVED

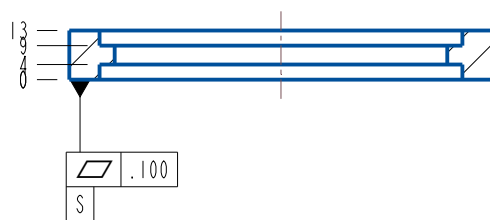
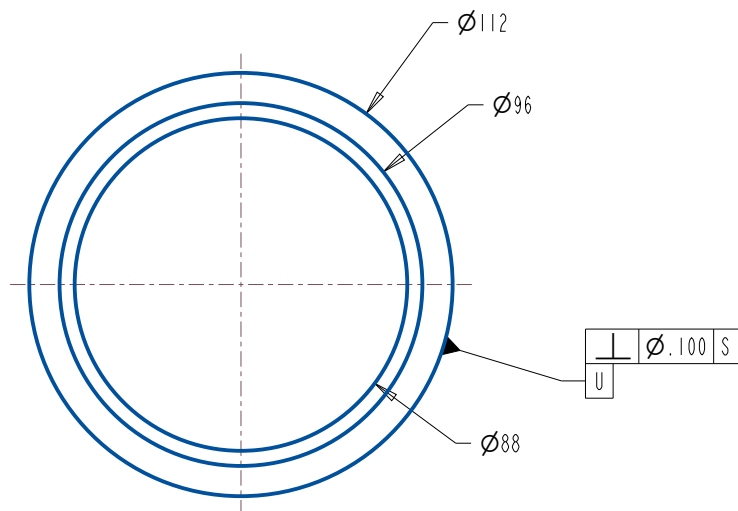
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON 2 PL DECIMALS 0.01 3 PL DECIMALS 0.001 ANGLES 0.5 FRACTIONS XXXX	SIGNATURES	DATE	Todd McKenzie tamc241	
	DRAWN	Apr-23-23		
	CHECKED		001_TAMC241_MATING_RING_B	
	APPROVED			
UAK MECHANICAL ENGINEERING DEPT UNIVERSITY OF KENTUCKY		SIZE A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

REVISIONS					
ECN	REV	DESCRIPTION	DATE	REVISED BY	APPROVED



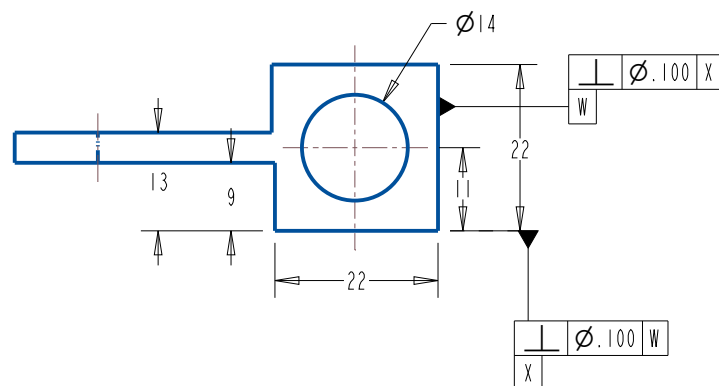
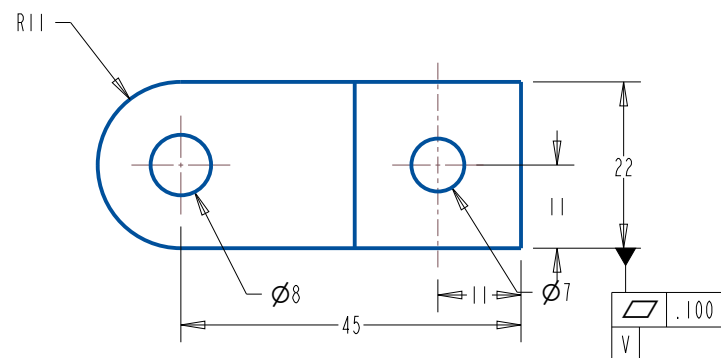
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON		SIGNATURES	DATE	Todd McKenzie tamc241	
2 PL DECIMALS	0.01	DRAWN	Apr-23-23		
3 PL DECIMALS	0.001	CHECKED			
ANGLES	0.5	APPROVED		001_TAMC241_WELD_RING	
FRACTIONS	XXXX				
MECHANICAL ENGINEERING DEPT UNIVERSITY OF KENTUCKY			SIZE A	MODEL TYPE PART	REV X
			SCALE 0.500	DWG 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 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.WELD.RING.2	
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	

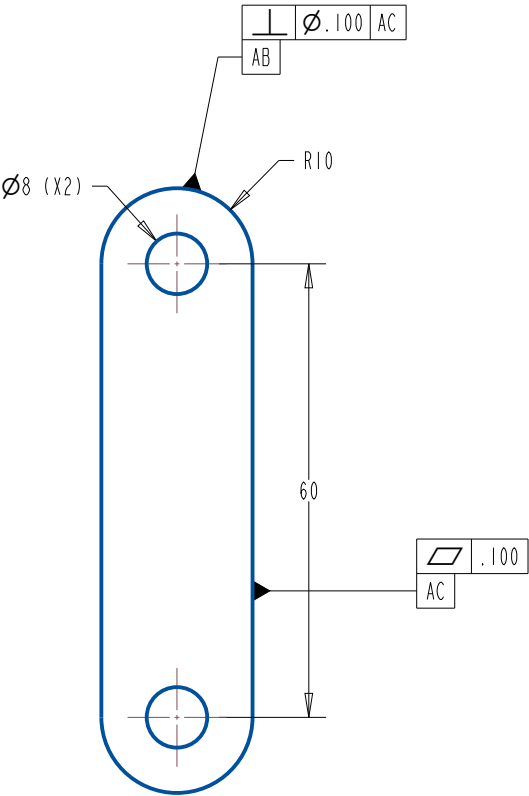
REVISIONS					
ECN	REV	DESCRIPTION	DATE	REVISED BY	APPROVED



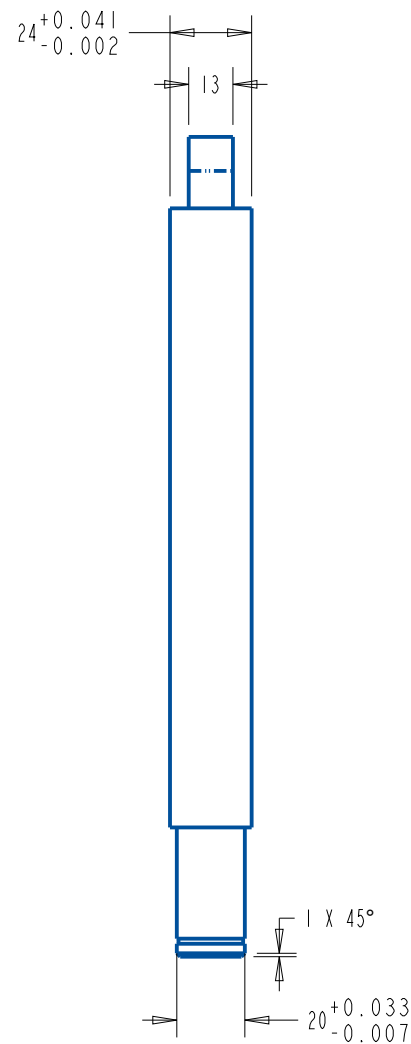
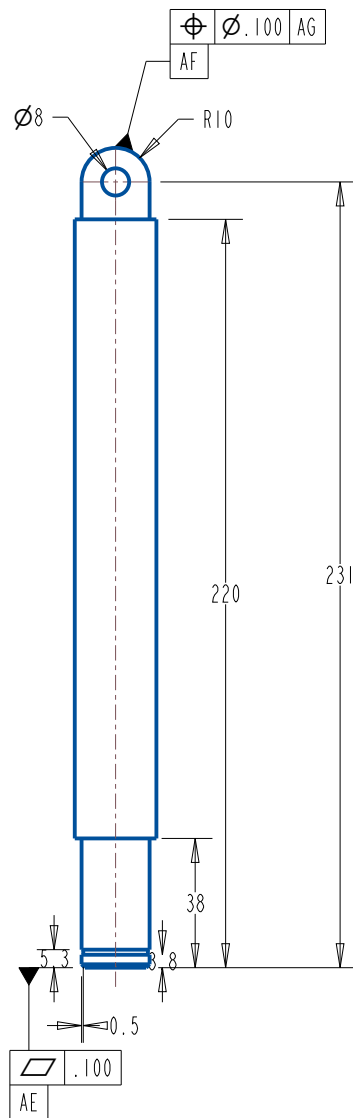
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON		SIGNATURES	DATE	Todd McKenzie tamc241 001_TAMC241_JOINT_A	
2 PL. DECIMALS	0.01	DRAWN	Apr-23-23		
3 PL. DECIMALS	0.001	CHECKED			
ANGLES	0.5	APPROVED			
FRACTIONS	XXXX				

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

REVISIONS					
ECN	REV	DESCRIPTION	DATE	REVISED BY	APPROVED

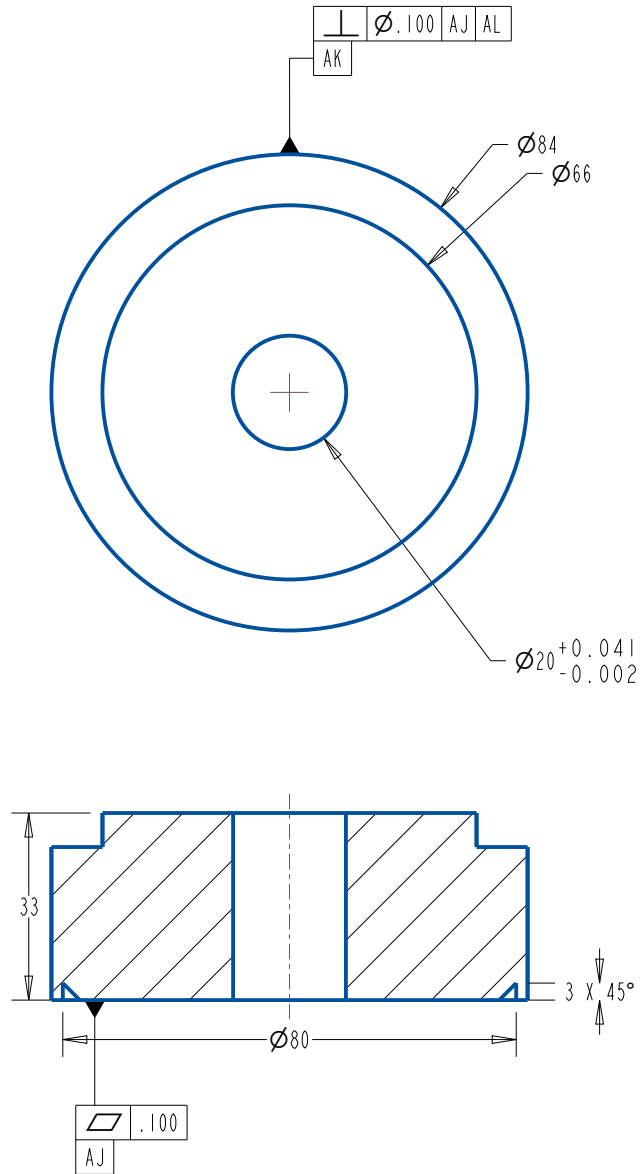


UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON 2 PL DECIMALS 0.01 3 PL DECIMALS 0.001 ANGLES 0.5 FRACTIONS XXXX		SIGNATURES		DATE	
		DRAWN		Apr-23-23	
		CHECKED			
		APPROVED			
Todd McKenzie tamc241				001.TAMC241_BRACE	
MECHANICAL ENGINEERING DEPT UNIVERSITY OF KENTUCKY		SIZE A	MODEL 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

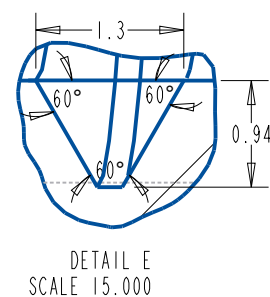
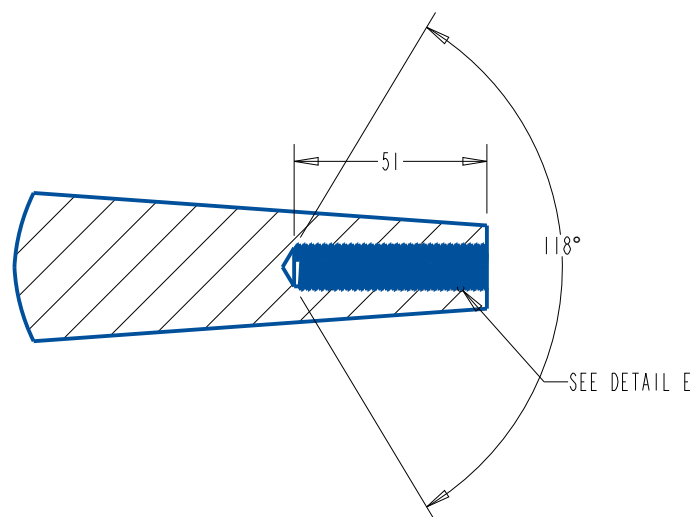
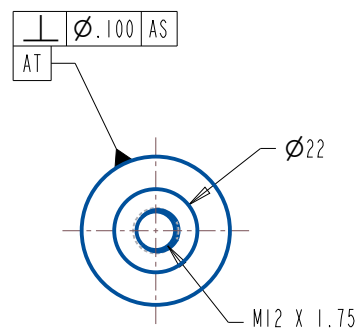
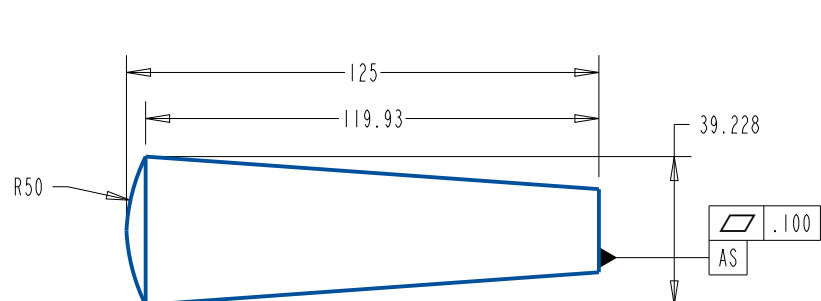
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON		SIGNATURES	DATE	Todd McKenzie tamc241	
		DRAWN	Apr-23-23		
		CHECKED		001.TAMC241.SHAFT	
		APPROVED			
2 PL DECIMALS 0.01				SIZE	MODEL TYPE
3 PL DECIMALS 0.001				A	PART
ANGLES 0.5				DWG #	REV
FRACTIONS XXXX				X	X
UAK MECHANICAL ENGINEERING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



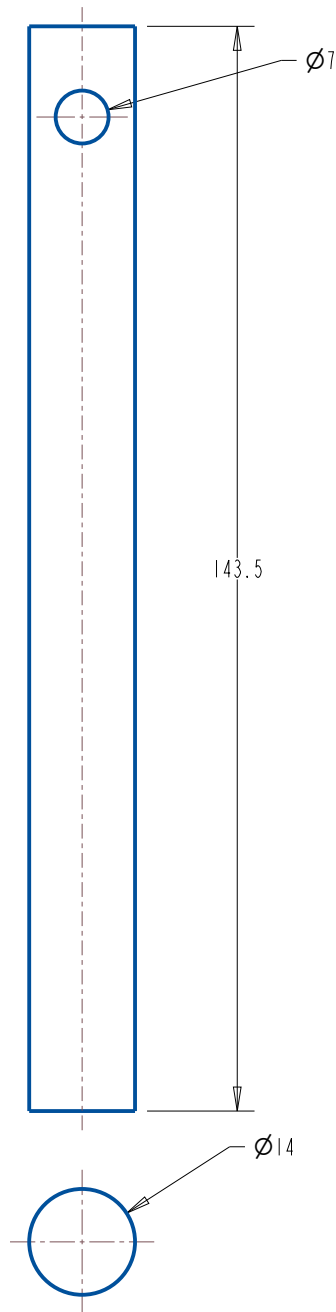
REVISIONS					
ECN	REV	DESCRIPTION	DATE	REVISED BY	APPROVED

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

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_HANDLE		
	APPROVED				
UAK MECHANICAL ENGINEERING DEPT UNIVERSITY OF KENTUCKY		SIZE A	MODEL TYPE PART	DWN #	REV 1
		SCALE 0.500	DWN FILE 001_TAMC241_FINAL_DRAWING	SHEET 14 OF 16	

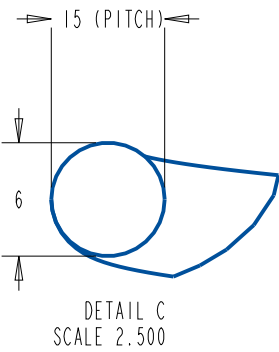
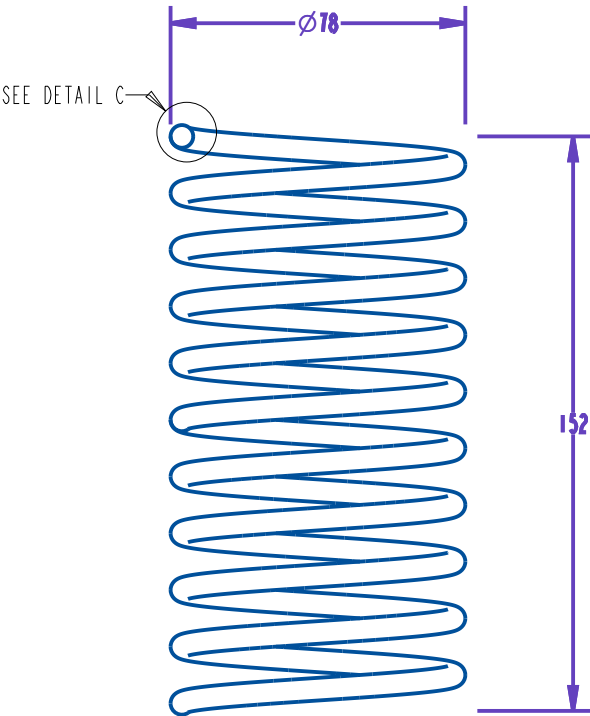



REVISIONS					
ECN	REV	DESCRIPTION	DATE	REVISED BY	APPROVED

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