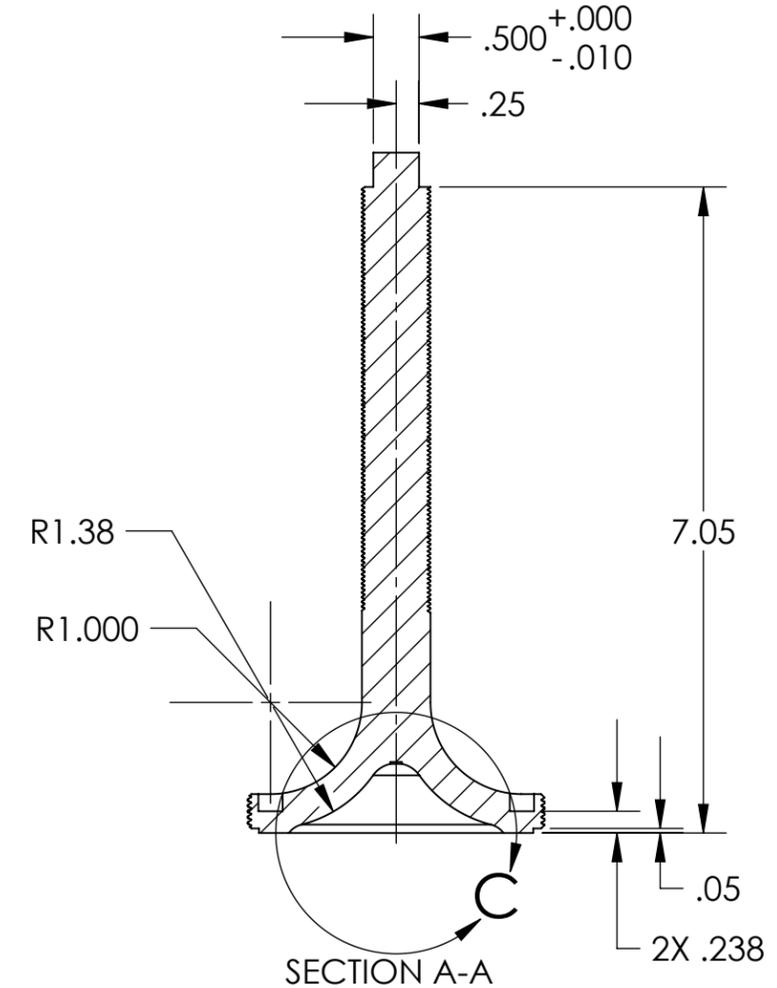
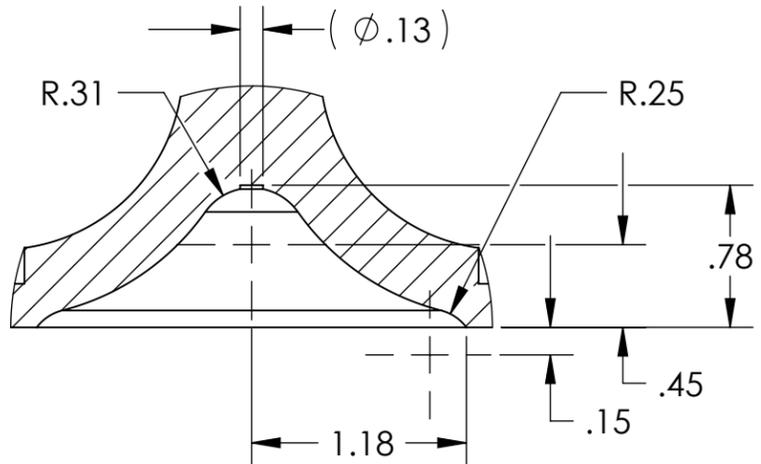
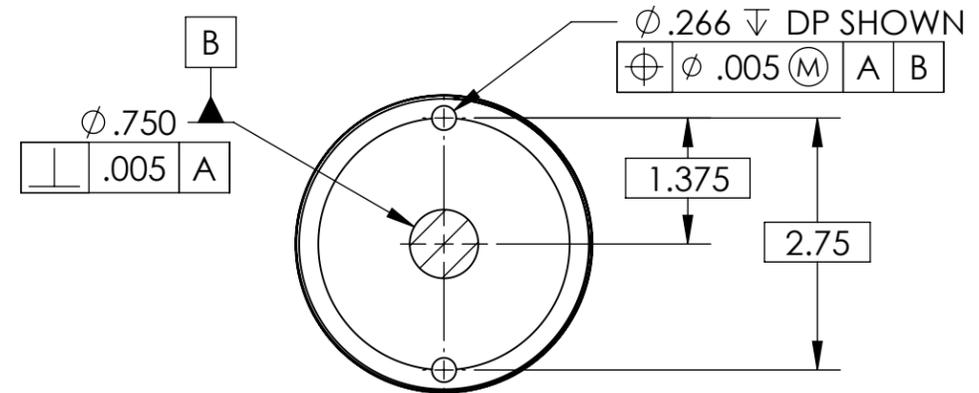
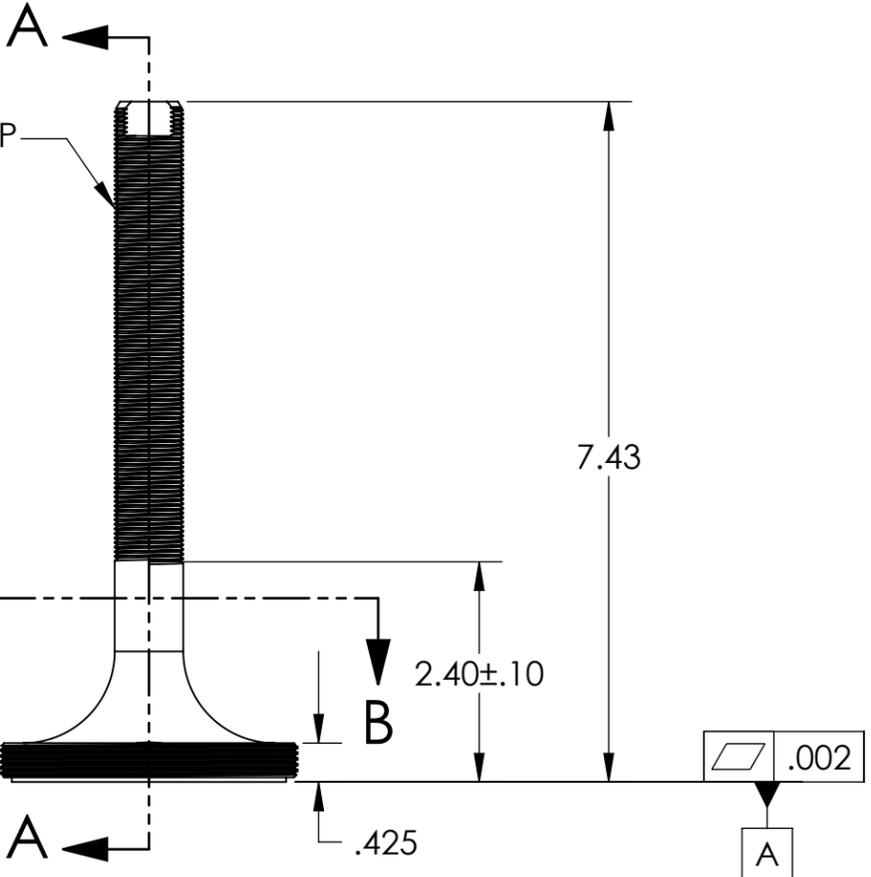


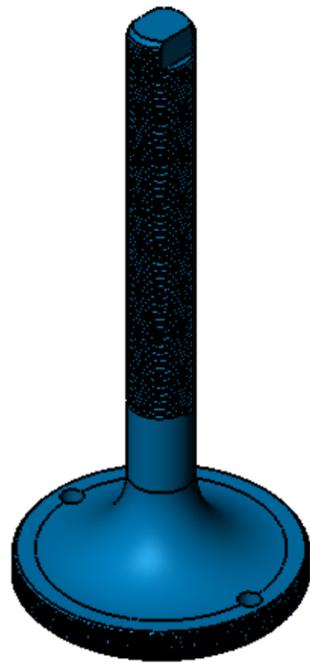
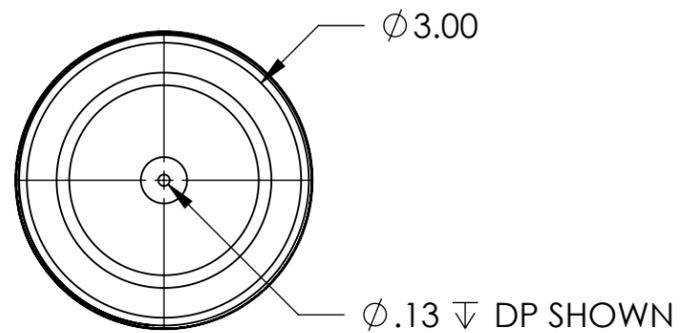
REV	DATE	APPROVAL	DESCRIPTION
B	06/02/2003	DCN E030308-00-E	
C	08/15/2003	DCN E030418-00-E	FORMERLY LINKED TO D020408.
D	06/11/2008	A. STEIN	SHORTER LENGTH, TO INCREASE CLEARANCE FROM CHAMBER DOOR. MINOR CHANGES TO WRENCH FLATS. ADDED SEPARATE CONFIGURATION, FOR BSC HEPI.
E	07/31/2008	A. STEIN	CHANGED 3/4-20 THREAD LENGTH, WRENCH FLAT HEIGHT.



3/4-20 UNEF THREAD  
LENGTH AS SHOWN  
.10 X 30° CHAMFER, TOP



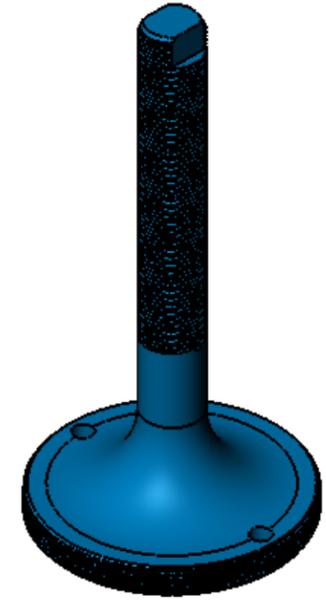
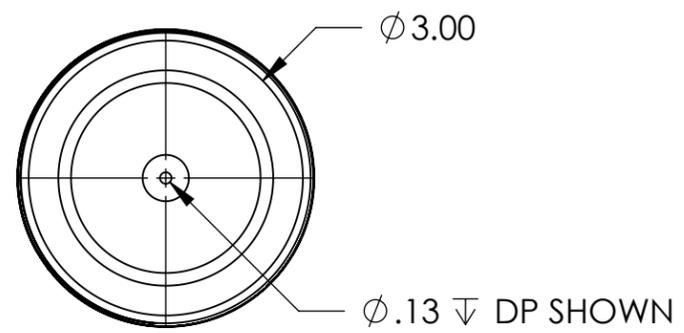
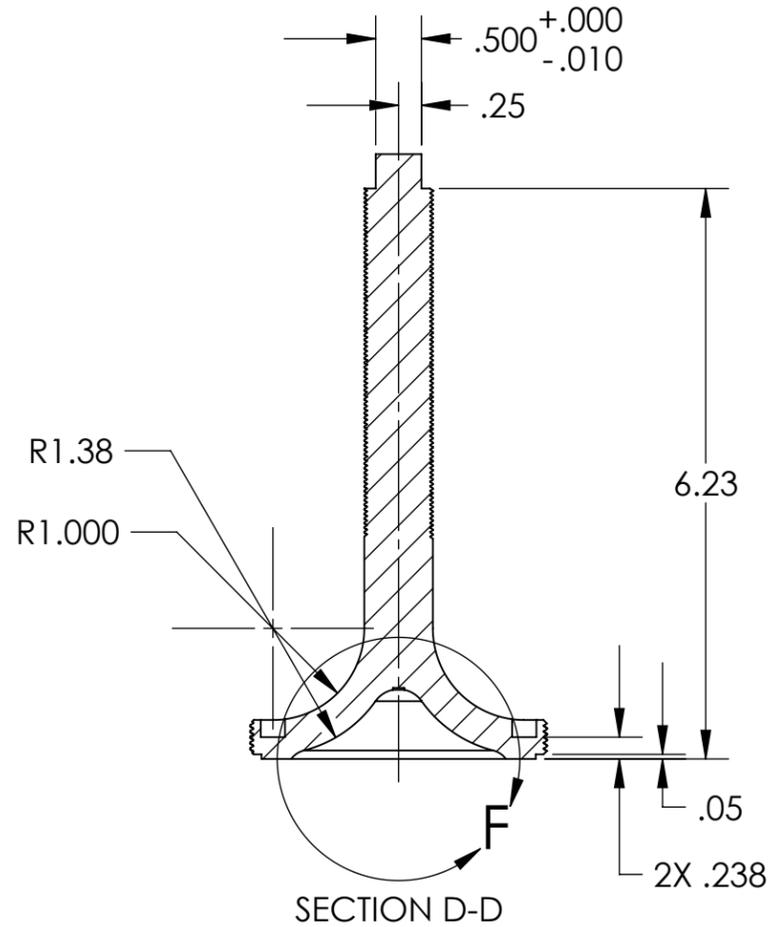
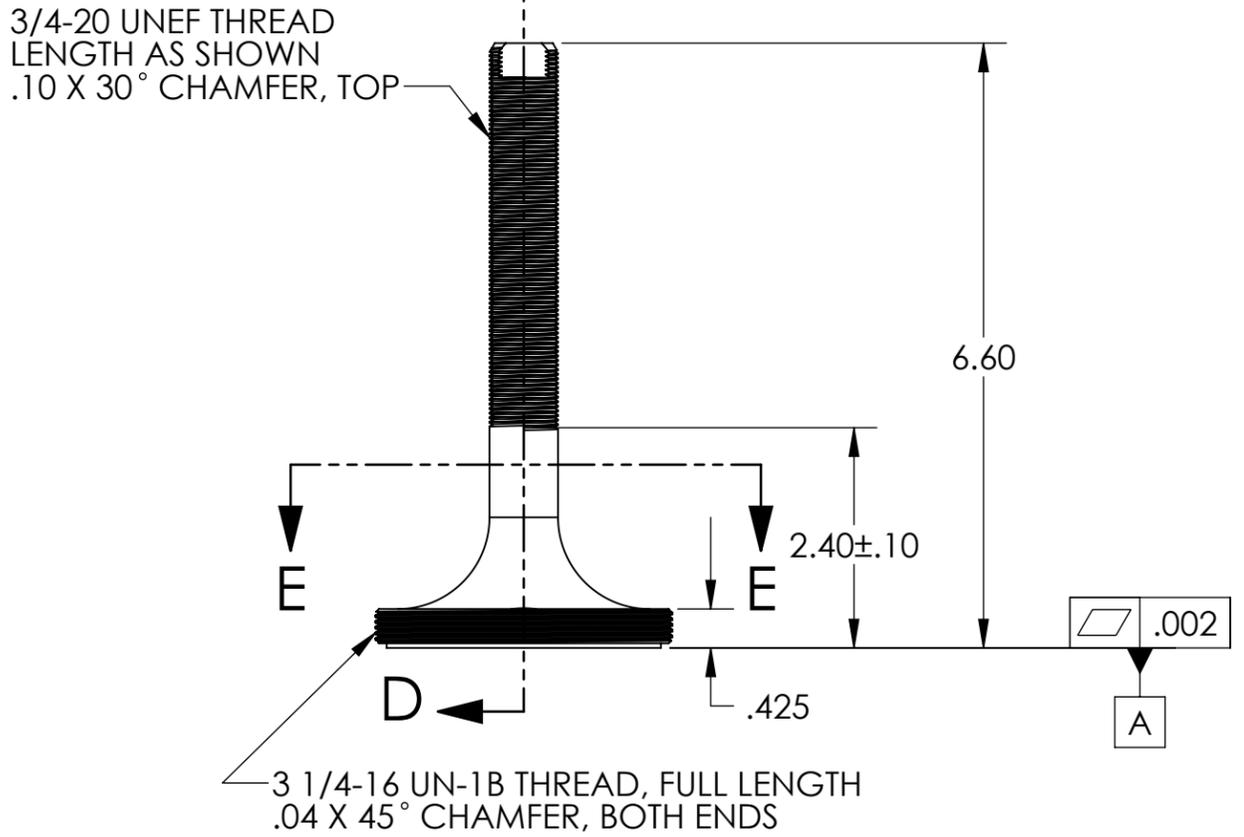
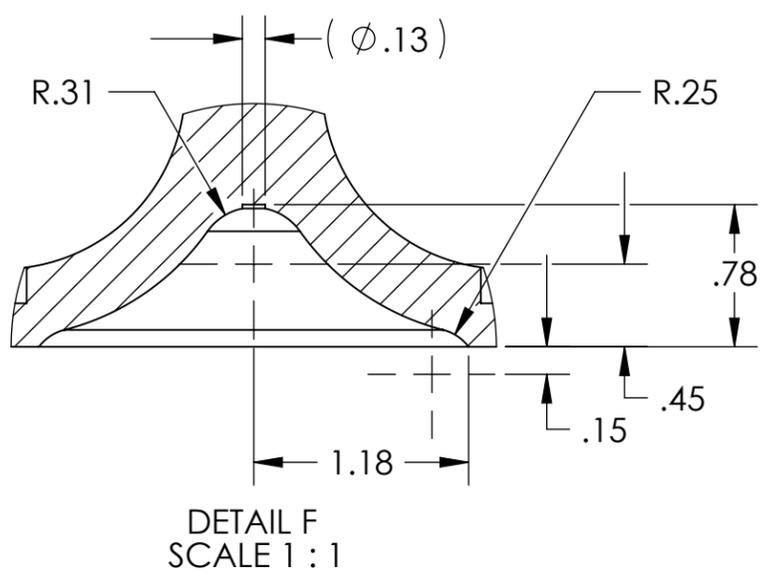
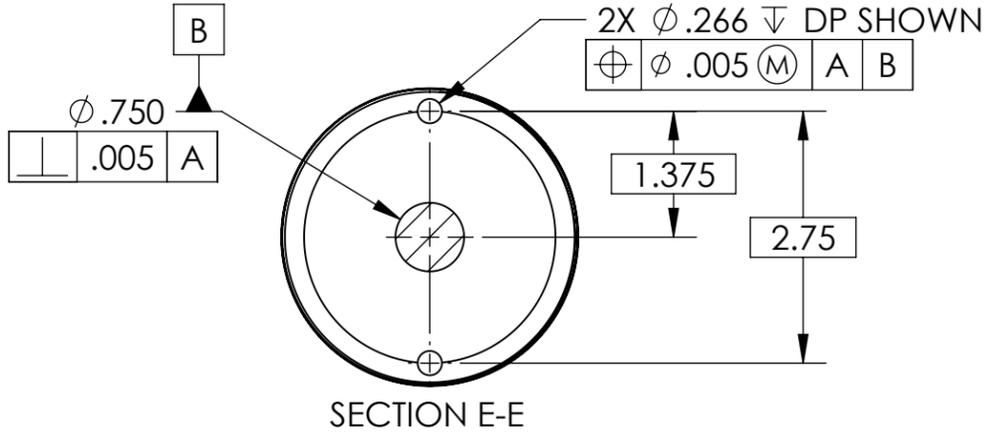
3 1/4-16 UN-1B THREAD, FULL LENGTH  
.04 X 45° CHAMFER, BOTH ENDS



CONFIGURATION: **BSC HEPI**  
TYPE 00

NOTES: (UNLESS OTHERWISE SPECIFIED)			DIMENSIONS ARE IN INCHES		CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY IGR, GLASGOW UNIVERSITY GEO 600 GROUP
1. DO NOT SCALE FROM DRAWING.	2. REMOVE ALL SHARP EDGES. LEAVE .005 X 45° MIN CHAMFER, OR .005 MIN RADIUS.	3. ALL MACHINING FLUIDS MUST BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE. E.G., MILACRON CIMTECH 410.	4. CLEAN THOROUGHLY TO REMOVE ALL OIL, DIRT, AND CHIPS.	TOLERANCES: .XX ± 0.015 .XXX ± 0.005	
THIS PRINT & THE EMBEDDED CAD MODEL ARE THE DOCUMENTATION OF RECORD. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS IN THE MODEL ARE BASIC, WITH TOLERANCES GIVEN BY:			ANGULAR ± 0.5°		SYSTEM ADVANCED LIGO
.015 (A, B)			MATERIAL 4340 Steel		SUB-SYSTEM HEPI
FINISH NONE			NEXT ASSY D020408		PART NAME DOUBLE START COUNTERWOUND SPRING CONNECTOR
DRAWN M. HAMMOND 05/14/2003			CHECKED J. KERN		SIZE DWG. NO. B D020407
APPROVED			SCALE: 1:2		PROJECTION:
			SHEET 1 OF 2		REV E

REV	DATE	APPROVAL	DESCRIPTION
-	-	-	See Sheet 1.



CONFIGURATION: **HAM HEPI**  
TYPE 01

NOTES: (UNLESS OTHERWISE SPECIFIED)			DIMENSIONS ARE IN INCHES		SURFACE ROUGHNESS:	
1. DO NOT SCALE FROM DRAWING. 2. REMOVE ALL SHARP EDGES. LEAVE .005 X 45° MIN CHAMFER, OR .005 MIN RADIUS. 3. ALL MACHINING FLUIDS MUST BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE. E.G., MILACRON CIMTECH 410. 4. CLEAN THOROUGHLY TO REMOVE ALL OIL, DIRT, AND CHIPS.			.XX ± 0.015			CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY IGR, GLASGOW UNIVERSITY GEO 600 GROUP
THIS PRINT & THE EMBEDDED CAD MODEL ARE THE DOCUMENTATION OF RECORD. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS IN THE MODEL ARE BASIC, WITH TOLERANCES GIVEN BY:			.XXX ± 0.005			
MATERIAL <b>4340 Steel</b>			FINISH <b>NONE</b>		SUB-SYSTEM <b>HEPI</b>	
DRAWN: M. HAMMOND, 05/14/2003 CHECKED: J. KERN APPROVED: -			PART NAME <b>DOUBLE START COUNTERWOUND SPRING CONNECTOR</b>		NEXT ASSY <b>D020408</b>	
SCALE: 1:2 PROJECTION:  SHEET 2 OF 2			SIZE DWG. NO. <b>B D020407</b>		REV <b>E</b>	

