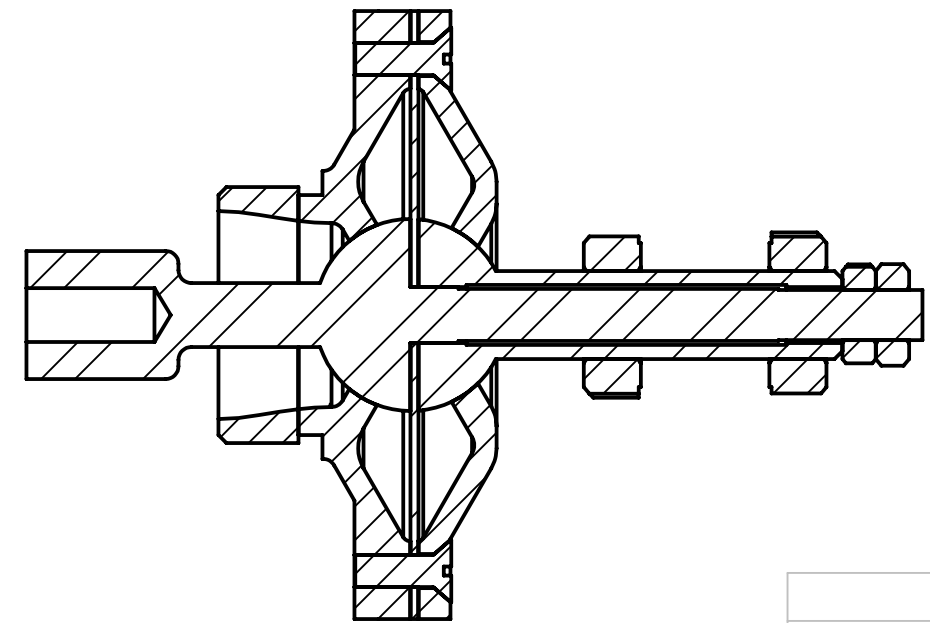
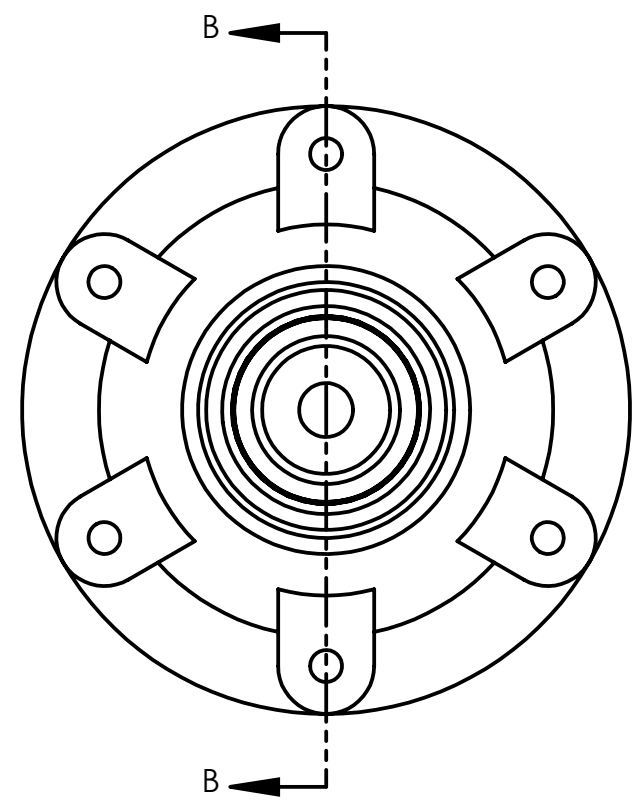
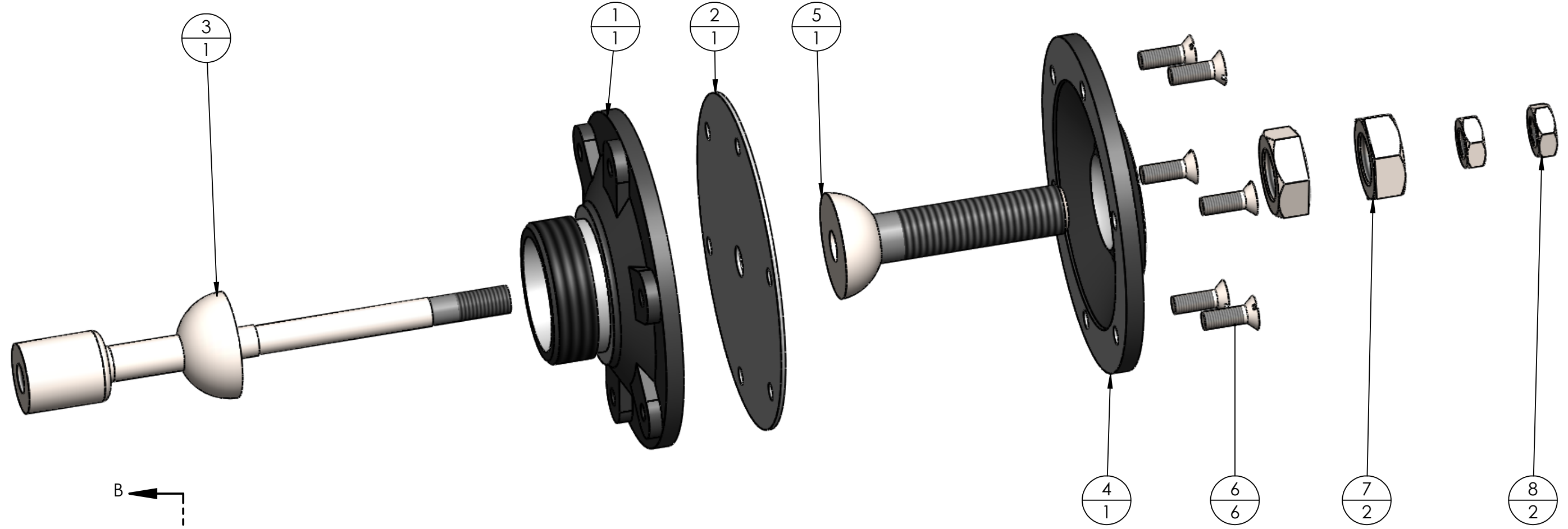


4

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1



SECTION B-B
SCALE 1 : 1.5

ITEM NO.	PART NUMBER	Material	QTY.
1	Base	Malleable Cast Iron	1
2	Diaphragm	Fabric	1
3	Stud Ball	Alloy Steel	1
4	Cover	Malleable Cast Iron	1
5	Sleeve Ball	Alloy Steel	1
6	1/4-20UNC-2A x 3/4 Flat Head		6
7	3/4-16UNF-2B Semifin Hex Jam Nut		2
8	7/16-20UNF-2B Semifin		2

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UNLESS OTHERWISE SPECIFIED:		NAME	DATE	NEW JERSEY INSTITUTE OF TECH.		
DIMENSIONS ARE IN INCHES		DRAWN	BRYAN C.	TITLE: Sealed Ball Joint Assembly		
TOLERANCES:		CHECKED				
ANGULAR: MACH ± 0° 30'		ENG APPR.				
TWO PLACE DECIMAL ± 0.01		MFG APPR.				
THREE PLACE DECIMAL ± 0.003		Q.A.				
INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5		COMMENTS:		SIZE	DWG. NO.	REV
MATERIAL				B		
NEXT ASSY	USED ON	FINISH		SCALE: 1:2	WEIGHT:	SHEET 1 OF 4
APPLICATION		DO NOT SCALE DRAWING				

4

3

2

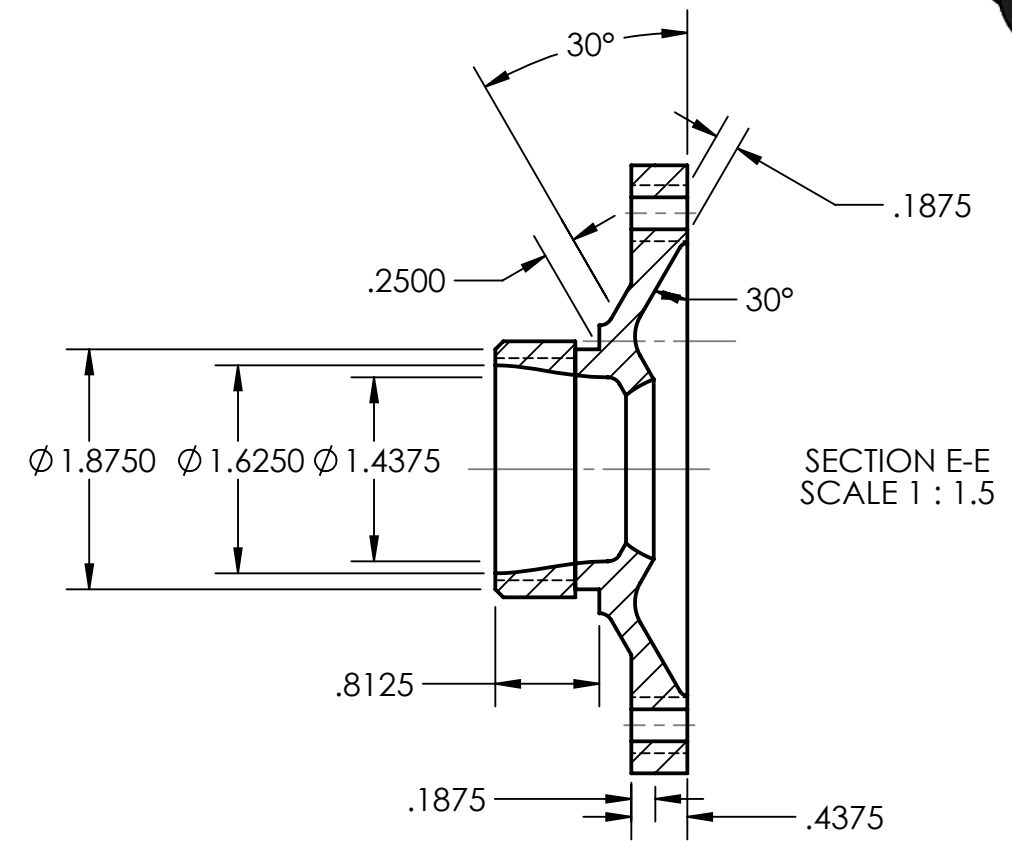
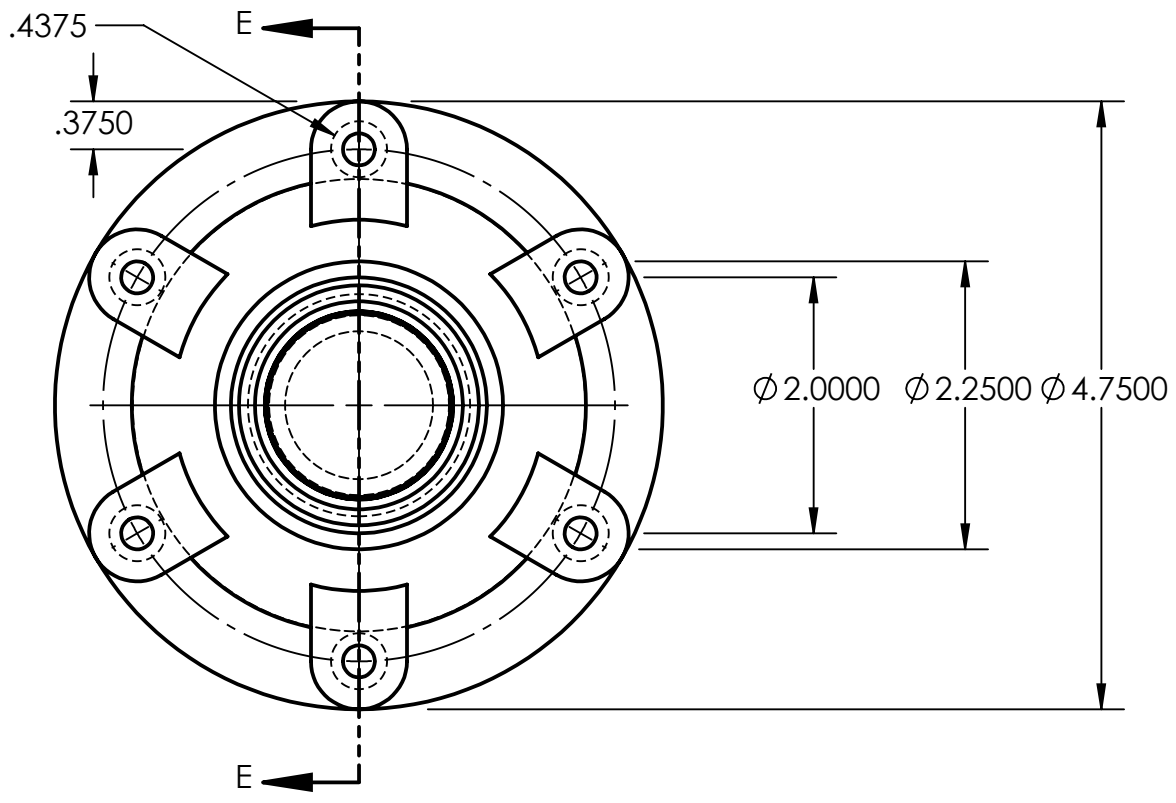
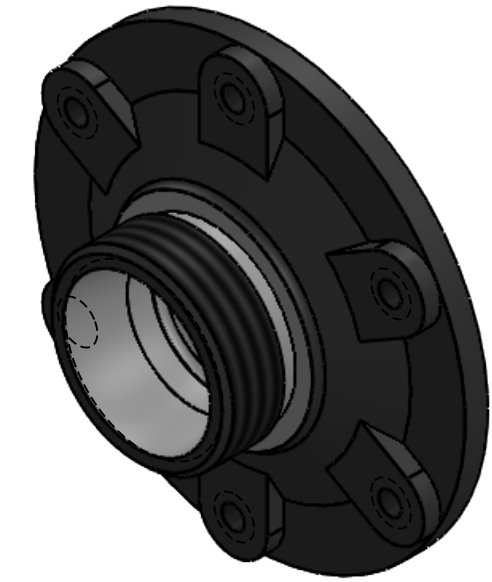
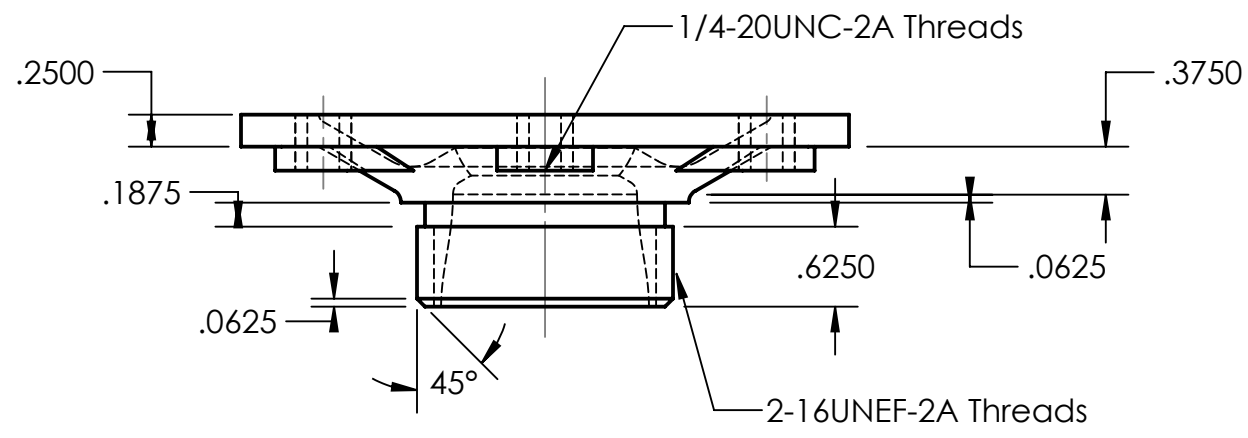
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	NEW JERSEY INSTITUTE OF TECH.	
		DIMENSIONS ARE IN INCHES		DRAWN	BRYAN C.	TITLE:	
		TOLERANCES:		CHECKED		Sealed Ball Joint Assembly	
		FRACTIONAL ±		ENG APPR.		SIZE DWG. NO. REV	
		ANGULAR: MACH ± BEND ±		MFG APPR.		B Base	
		TWO PLACE DECIMAL ±		Q.A.		SCALE: 1:2 WEIGHT: SHEET 2 OF 4	
		THREE PLACE DECIMAL ±		COMMENTS:			
		INTERPRET GEOMETRIC TOLERANCING PER:					
		MATERIAL					
NEXT ASSY	USED ON	FINISH					
APPLICATION		DO NOT SCALE DRAWING					

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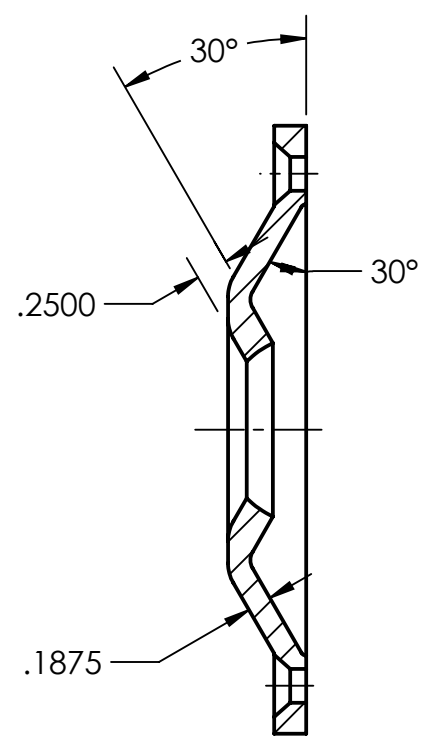
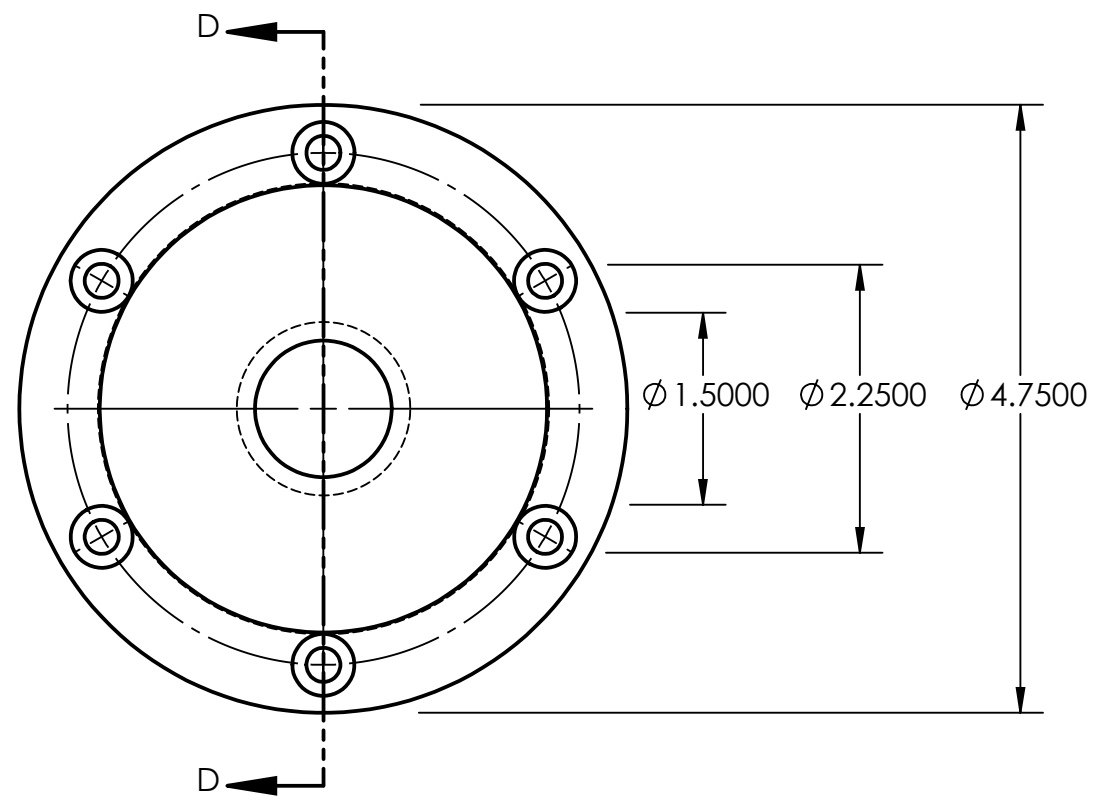
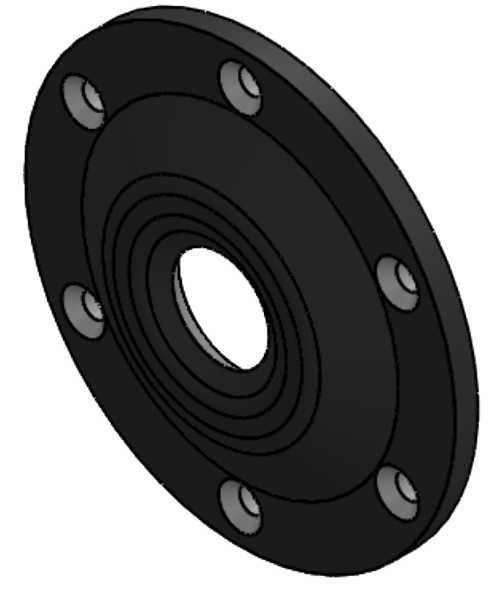
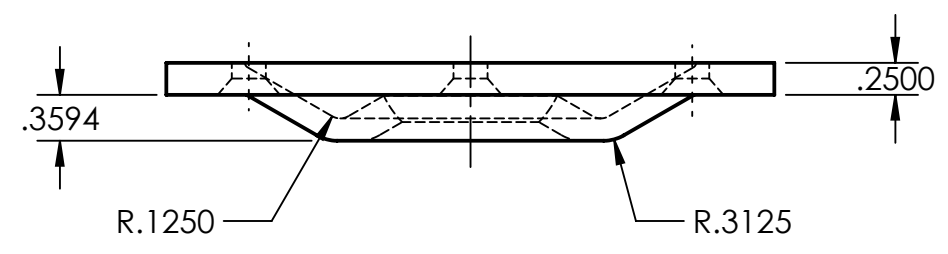
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SECTION D-D
SCALE 1 : 1.5

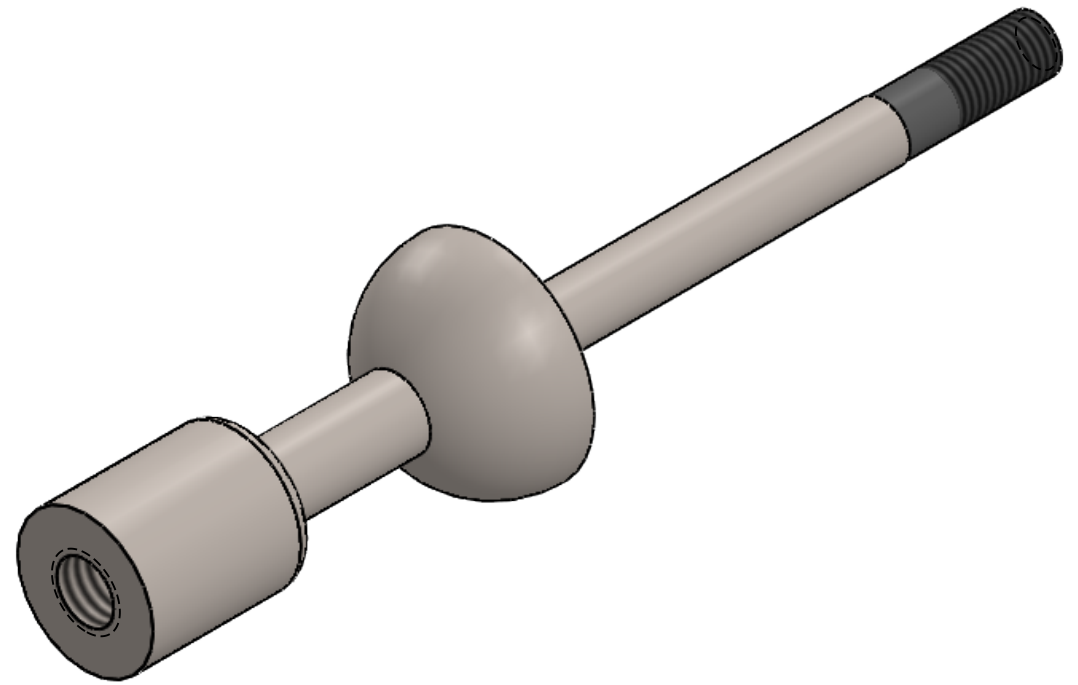
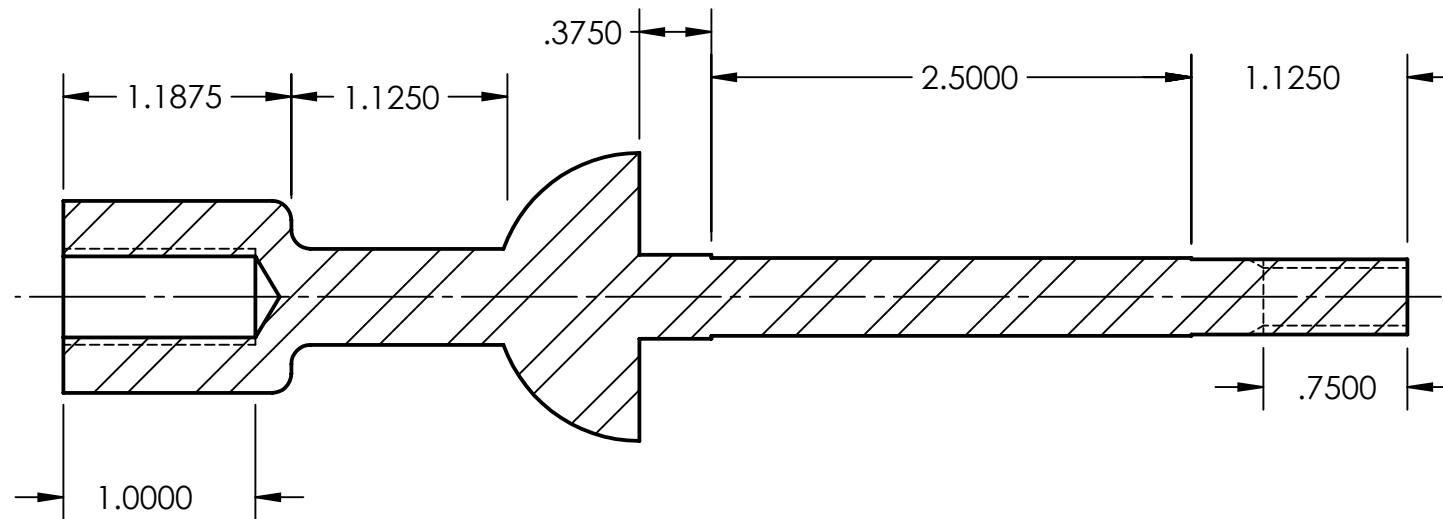
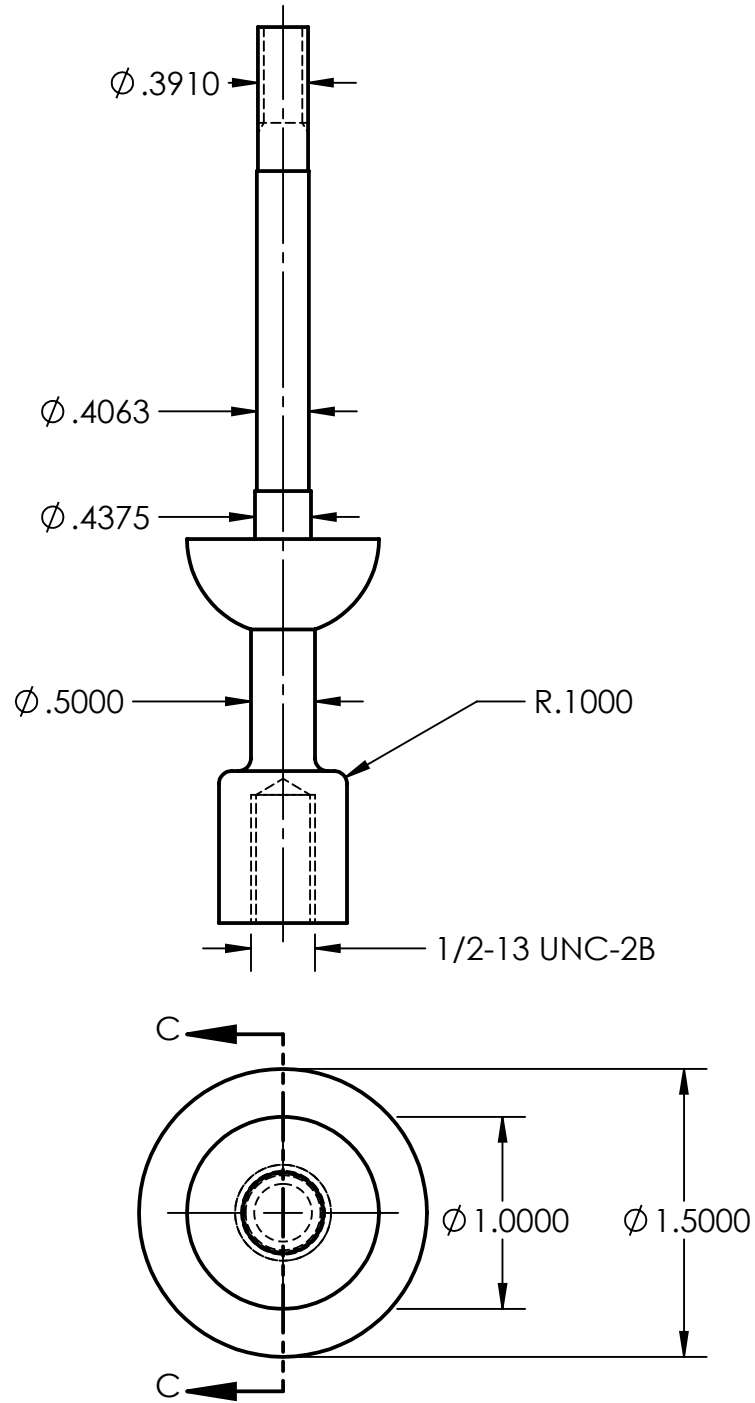
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	NEW JERSEY INSTITUTE OF TECH.	
		DIMENSIONS ARE IN INCHES		DRAWN	BRYAN C.	TITLE:	
		TOLERANCES:		CHECKED		Sealed Ball Joint Assembly	
		FRACTIONAL ±		ENG APPR.		SIZE DWG. NO. REV	
		ANGULAR: MACH ± BEND ±		MFG APPR.		B Cover	
		TWO PLACE DECIMAL ±		Q.A.		SCALE: 1:2 WEIGHT: SHEET 3 OF 4	
		THREE PLACE DECIMAL ±		COMMENTS:			
		INTERPRET GEOMETRIC TOLERANCING PER:					
		MATERIAL					
NEXT ASSY	USED ON	FINISH					
APPLICATION		DO NOT SCALE DRAWING					

3

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1



SECTION C-C
SCALE 1 : 1

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	NEW JERSEY INSTITUTE OF TECH.	
		DIMENSIONS ARE IN INCHES		DRAWN	BRYAN C.	TITLE:	
		TOLERANCES:		CHECKED		Sealed Ball Joint Assembly	
		FRACTIONAL \pm		ENG APPR.		SIZE DWG. NO. REV	
		ANGULAR: MACH \pm BEND \pm		MFG APPR.		B Stud Ball	
		TWO PLACE DECIMAL \pm		Q.A.		SCALE: 1:2 WEIGHT: SHEET 4 OF 4	
		THREE PLACE DECIMAL \pm		COMMENTS:			
		INTERPRET GEOMETRIC TOLERANCING PER:					
		MATERIAL					
NEXT ASSY	USED ON	FINISH					
APPLICATION		DO NOT SCALE DRAWING					