

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Eccentric bearing sleeve	6061 Aluminum, 1/2" Dia.	1
2	Crank shaft	Type 303 Stainless steel, 3/32" Dia.	1
3	A 7Y55-FSS1805, Stock Drive Products	Stainless steel flanged double shielded bearing	2

D

C

B

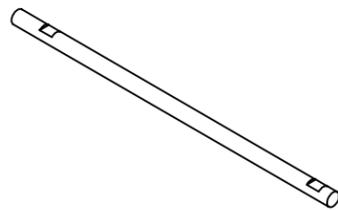
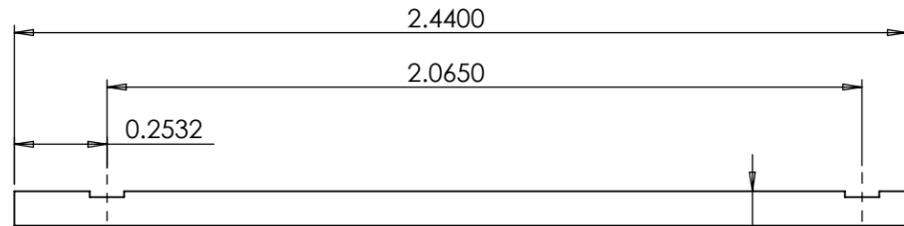
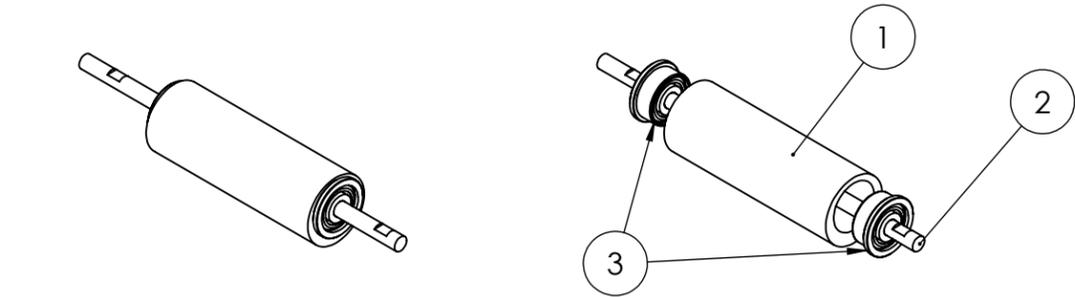
A

D

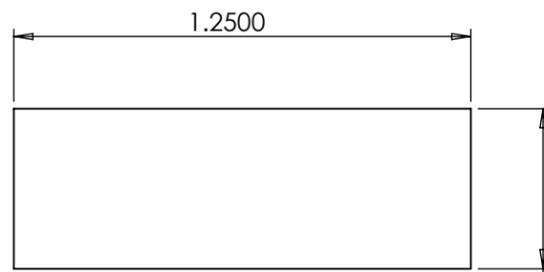
C

B

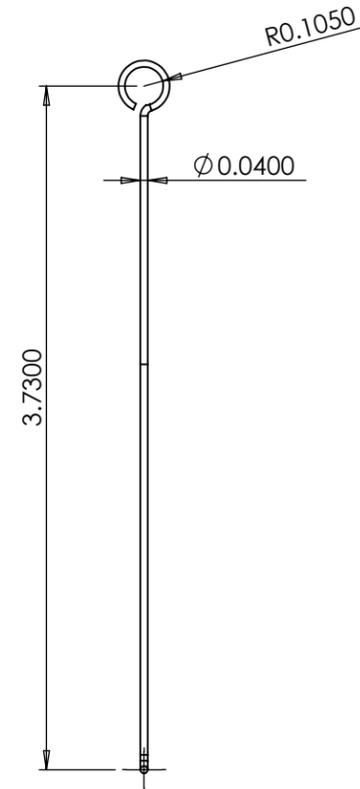
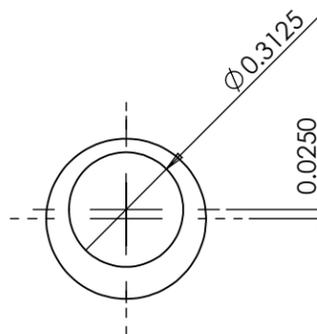
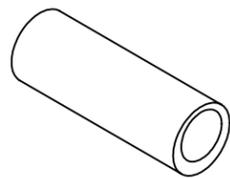
A



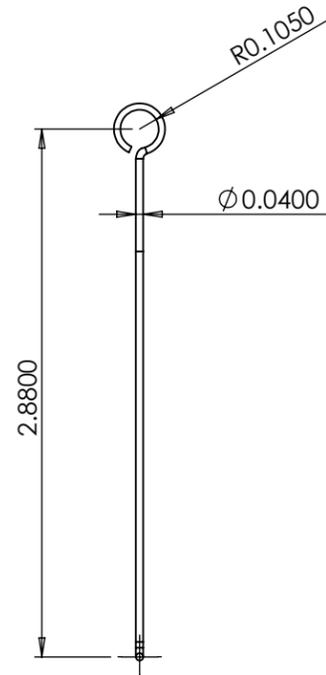
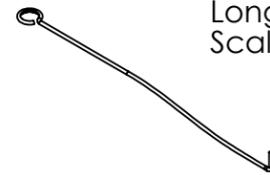
Crank shaft  
Scale 2:1



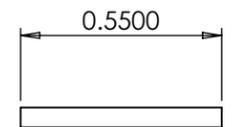
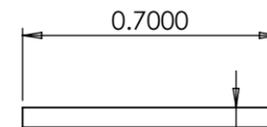
Eccentric Bearing Sleeve  
Scale 2:1



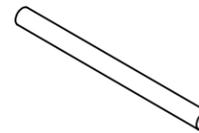
Long connecting wire  
Scale 1:1



Power Piston Connecting Rod  
Scale 1:1



Pins  
Two different lengths  
Scale 2:1



**University of Alaska Fairbanks  
College of Engineering & Mines**

	Name	Date
Engineer:		
Drawn by:	MNV	9/2010
Checked by:		
Approved by:		

Project: ME321 LOW DELTA T STIRLING HEAT ENGINE	
Part Name: Eccentric bearing assembly	
Part No: 2.2	Rev: 2.1

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF THE UNIVERSITY OF ALASKA FAIRBANKS COLLEGE OF ENGINEERING AND MINES. THIS DRAWING IS FOR EDUCATIONAL PROPOSES ONLY.

Do Not Scale Drawing

8

7

6

5

4

3

2

1

A