Design Graphics – MECH 289

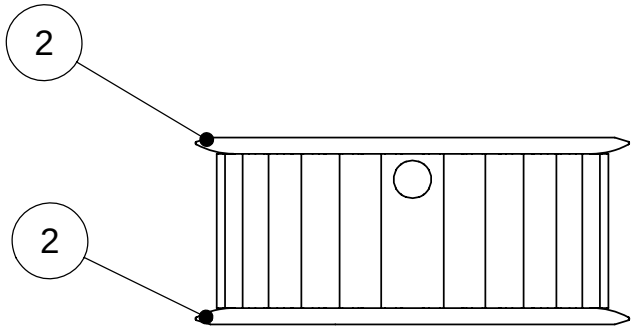
Assignment **CAD2**
Handed out Feb 3rd, 2006 Due Feb 10th, 2006

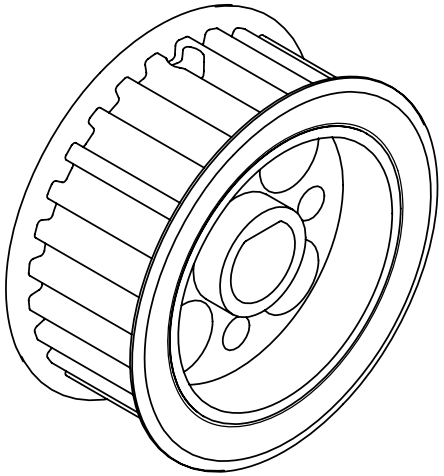
From the attached drawings, create two part models, one assembly model, and three drawings in **SolidWorks**. Printout and submit the drawings. Your submitted work should match the attached drawings as closely as possible in terms of the information contained in the views, dimensions, annotations, sheet format, etc. However, you are free to arrange the details in the drawings as you wish.

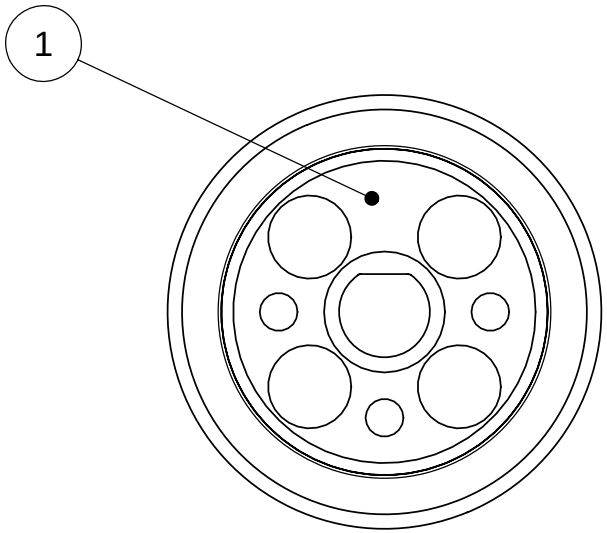
To create the tooth profile on the part, the easiest method is to use Circular Patterns.

ITEM NO.	PART NUMBER	QTY.
1	pulley_3mm_28t	1
2	pulley flange	2

REVISIONS		
REV.	DESCRIPTION	DATE
		YY/MM/DD







DIMENSIONS ARE IN mm TOLERANCES: ANGULAR: MACH ± 0.5° BEND ± 1° ONE PLACE DECIMAL ± .3 TWO PLACE DECIMAL ± .03		NAME	DATE
	DRAWN	Student X	YYYY/MM/DD
	CHECKED	X	YYYY/MM/DD
	ENG APPR.	X	YYYY/MM/DD
	DO NOT SCALE DRAWING		
MATERIAL --	COMMENTS:		
FINISH --			
APPLICATION Assignment CAD2			

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DESIGN GRAPHICS
MECH 289

SIZE	DWG. NO.	REV.
A	pulley 3mm 28t 2 flange assy	NC
SCALE:1:2	WEIGHT:	SHEET 1 OF 1

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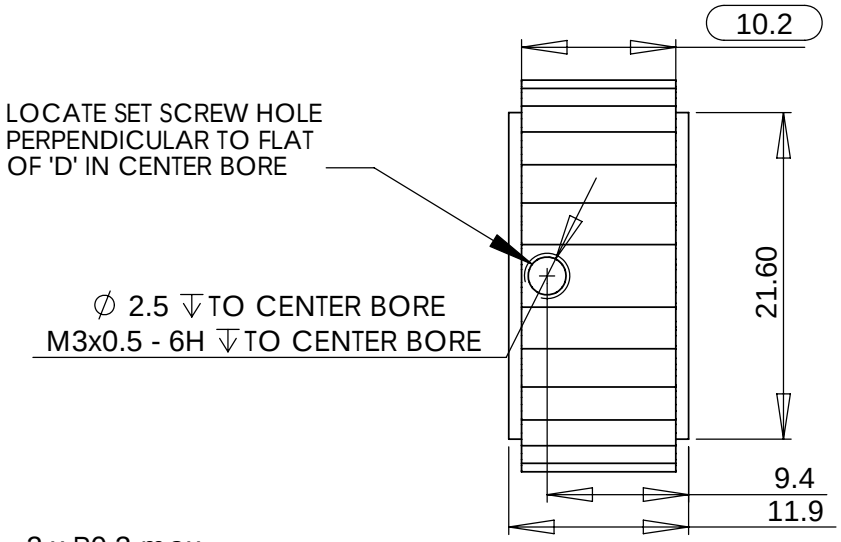
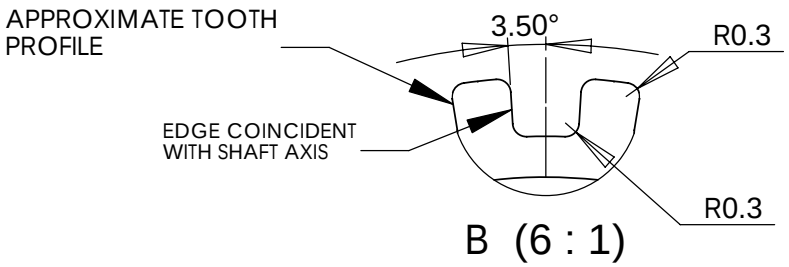
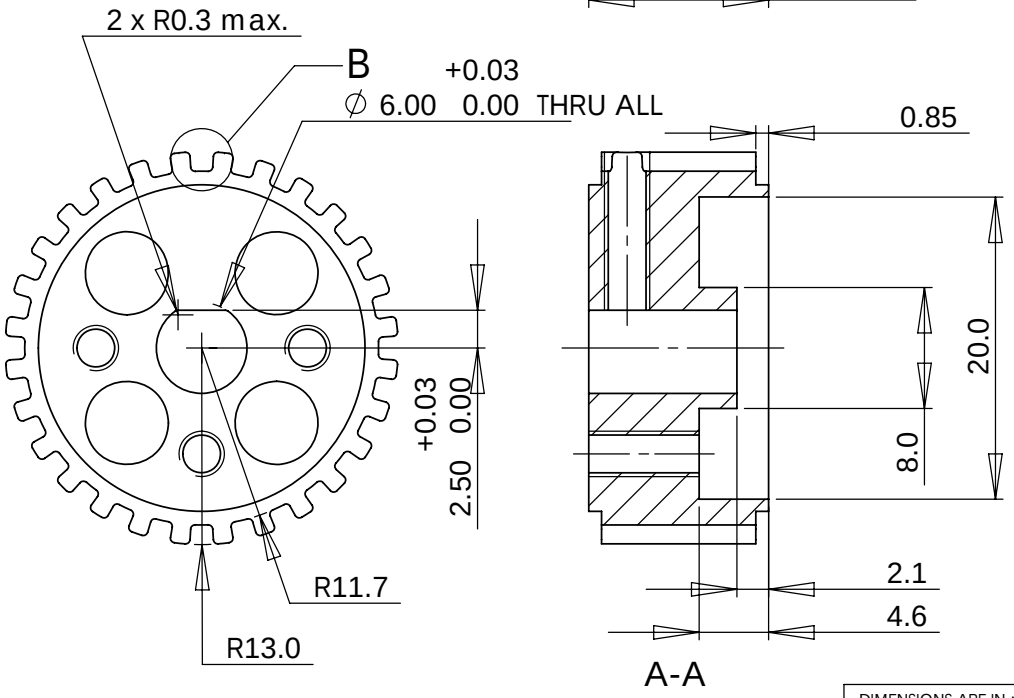
REVISIONS		
REV.	DESCRIPTION	DATE
		YY/MM/DD

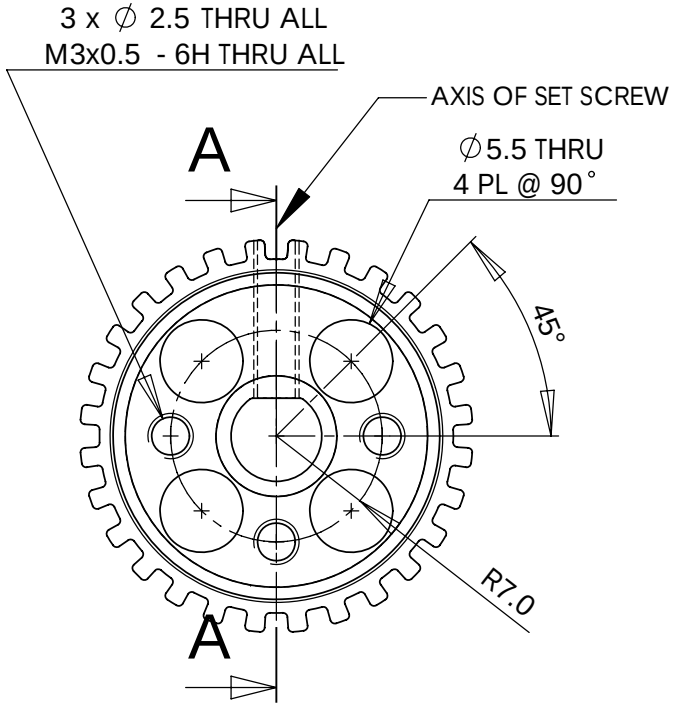




B (6 : 1)



A-A



DIMENSIONS ARE IN mm TOLERANCES: ANGULAR: MACH± 0.5° BEND ± 1° ONE PLACE DECIMAL ± .3 TWO PLACE DECIMAL ± .03		NAME	ID
	DRAWN	Student X	110XXXXXX
	CHECKED	X	110XXXXXX
	ENG APPR.	X	110XXXXXX
	DO NOT SCALE DRAWING		
MATERIAL --	COMMENTS:		
FINISH --			
APPLICATION Assignment CAD2			

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SIZE	DWG. NO.	REV.
A	pulley_3mm_28t	NC
SCALE:2:1	WEIGHT:	SHEET 1 OF 1

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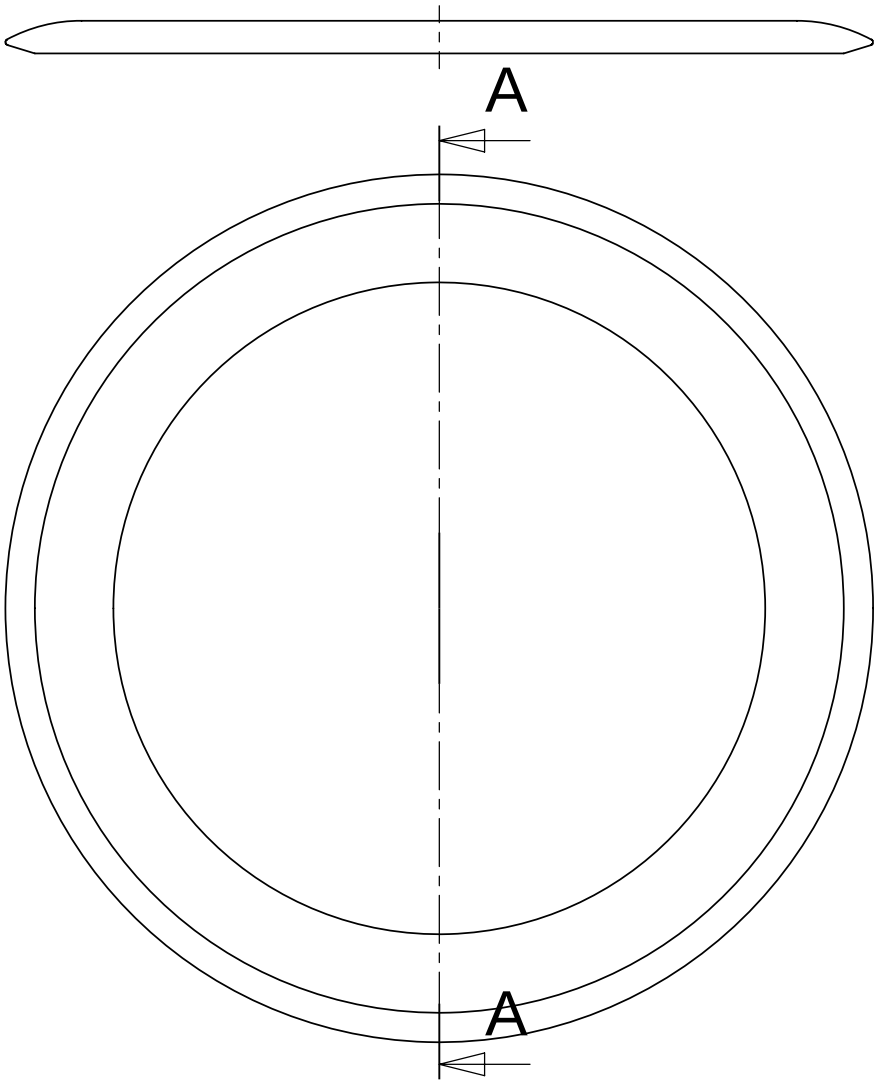
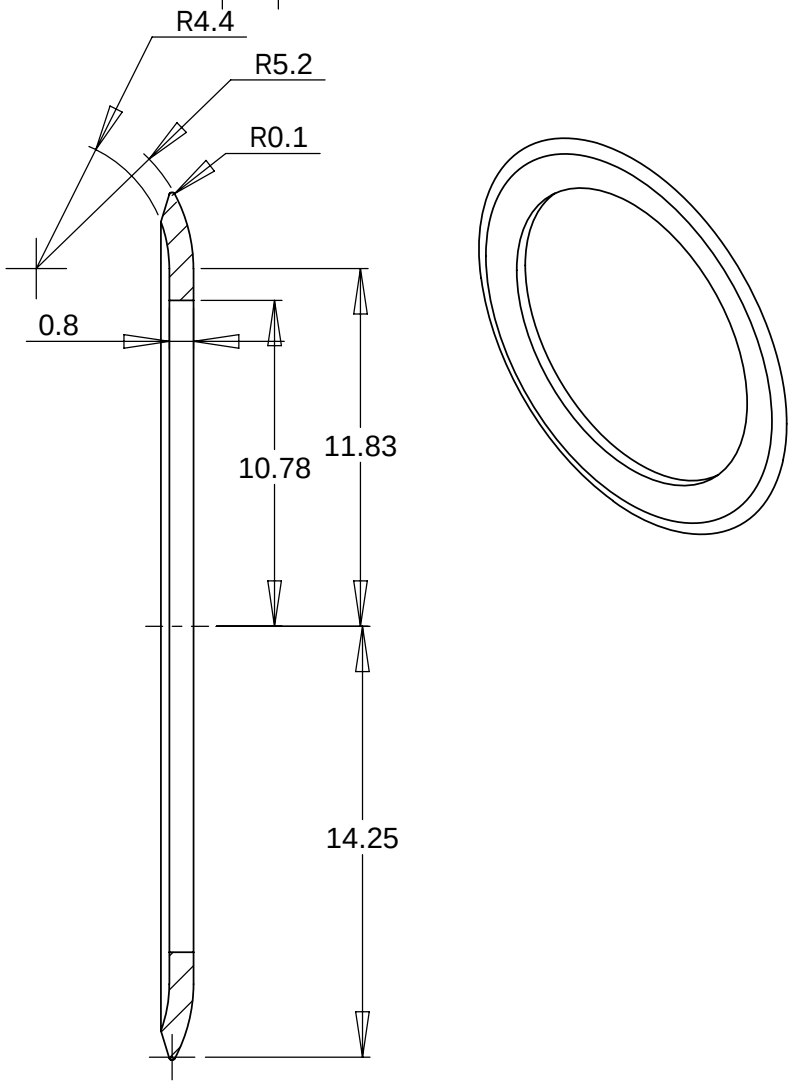
REVISIONS		
REV.	DESCRIPTION	DATE
		YY/MM/DD





A-A (4 : 1)

DIMENSIONS ARE IN mm TOLERANCES: ANGULAR: MACH ± 0.5° BEND ± 1° ONE PLACE DECIMAL ± .3 TWO PLACE DECIMAL ± .03		NAME	DATE
	DRAWN	Student X	YYYY/MM/DD
	CHECKED	X	YYYY/MM/DD
	ENG APPR.	X	YYYY/MM/DD
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MATERIAL --	COMMENTS:		
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SIZE	DWG. NO.	REV.
A	pulley flange	NC
SCALE:2:1	WEIGHT:	SHEET 1 OF 1

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