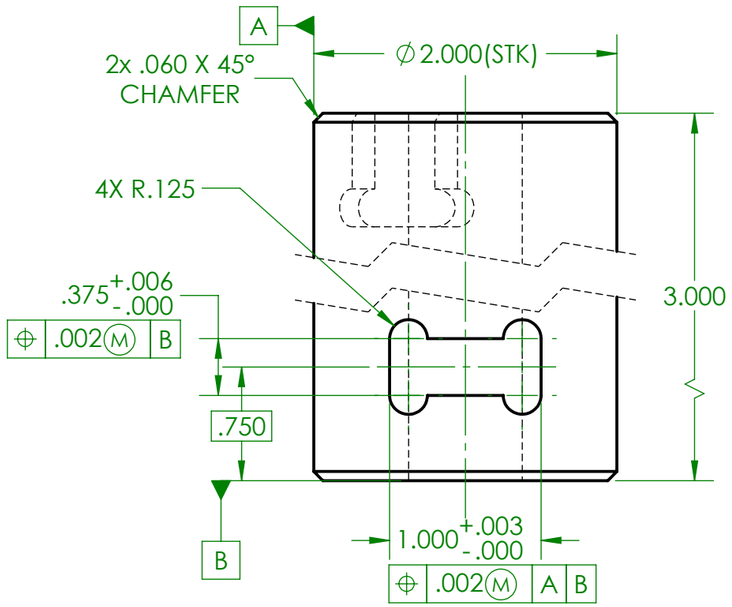
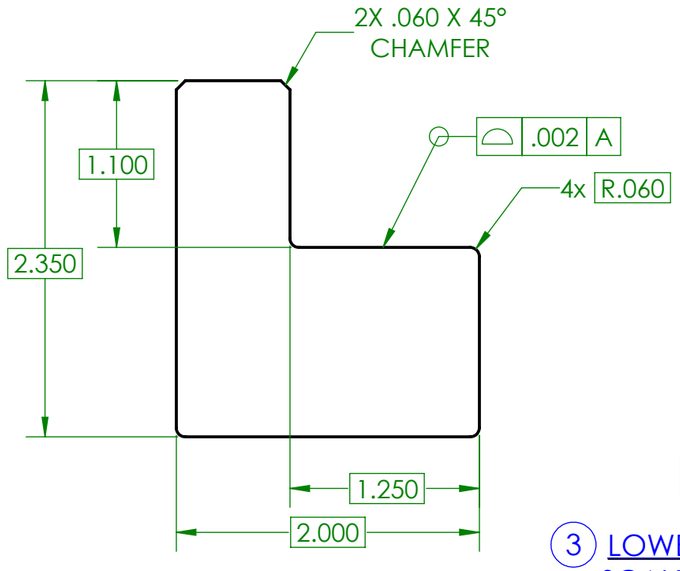
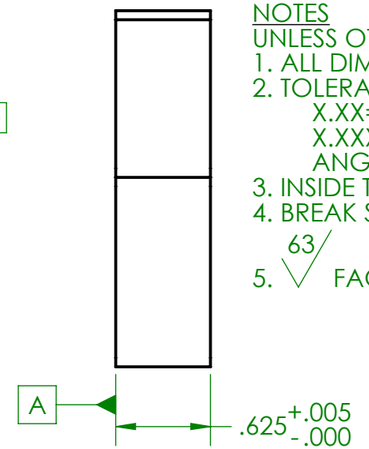
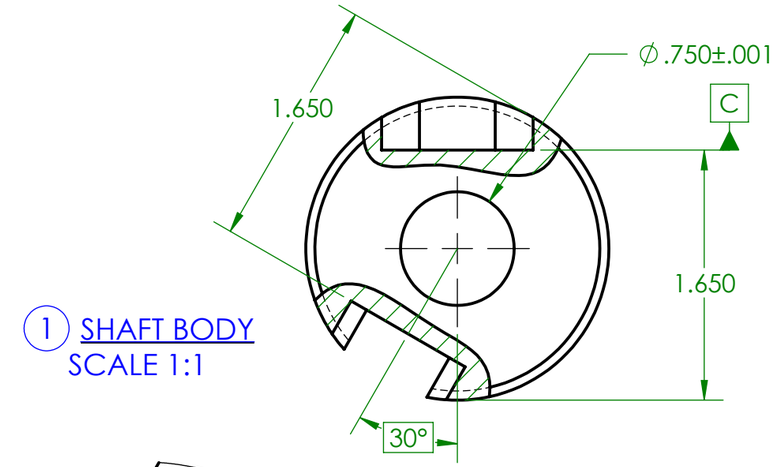




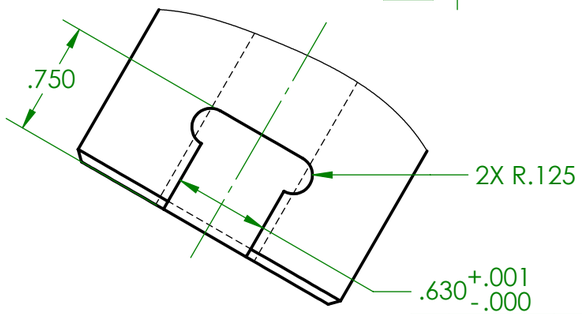


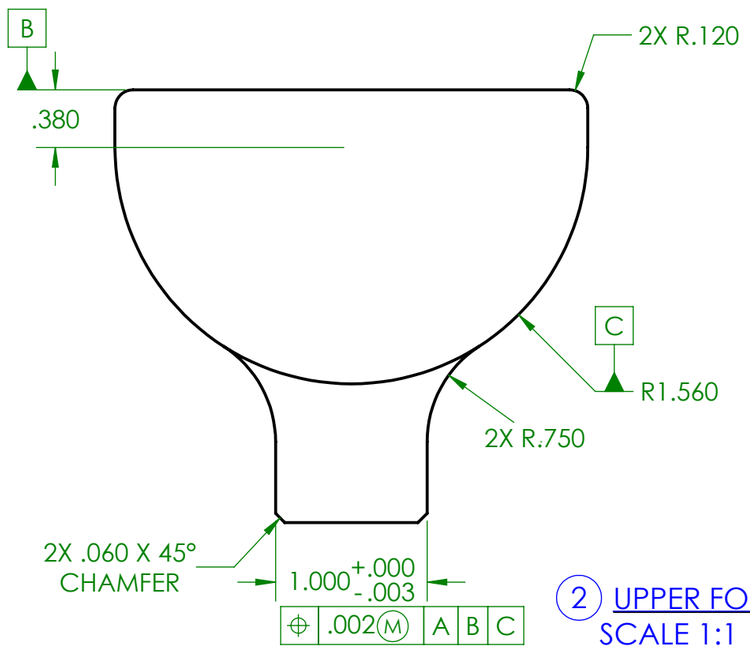
NOTES
UNLESS OTHERWISE SPECIFIED:
1. ALL DIMS. IN INCHES
2. TOLERANCES:
X.XX= ±.01
X.XXX=±.005
ANGLES= ±2°
3. INSIDE TOOL RADIUS .02 MAX.
4. BREAK SHARP EDGES .01 MAX.
5. 63 FAO

3 LOWER FORK
SCALE 1:1

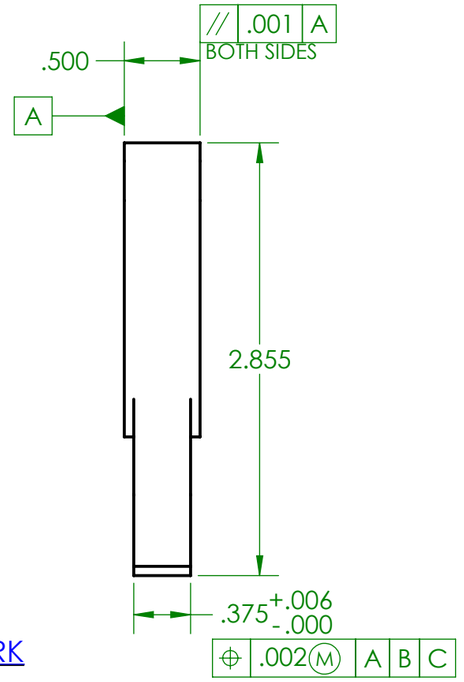


1 SHAFT BODY
SCALE 1:1



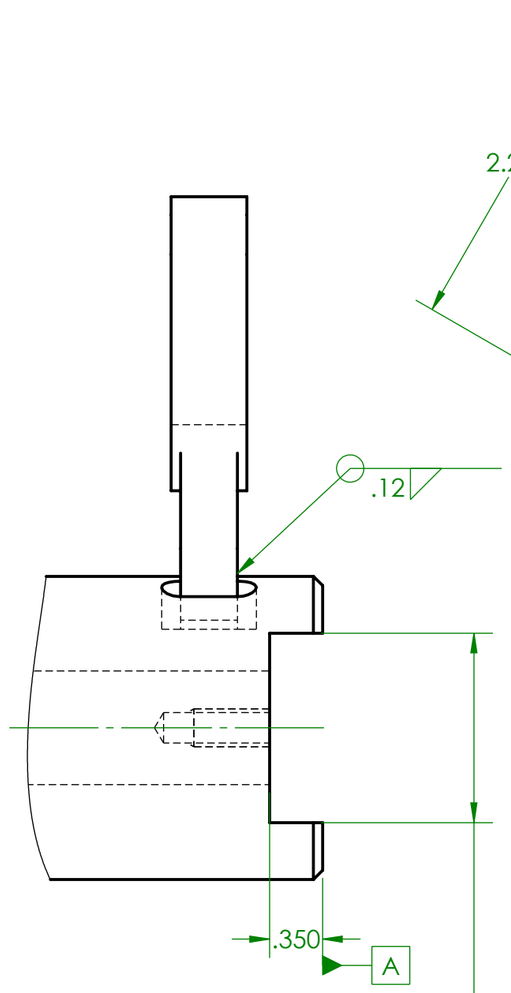


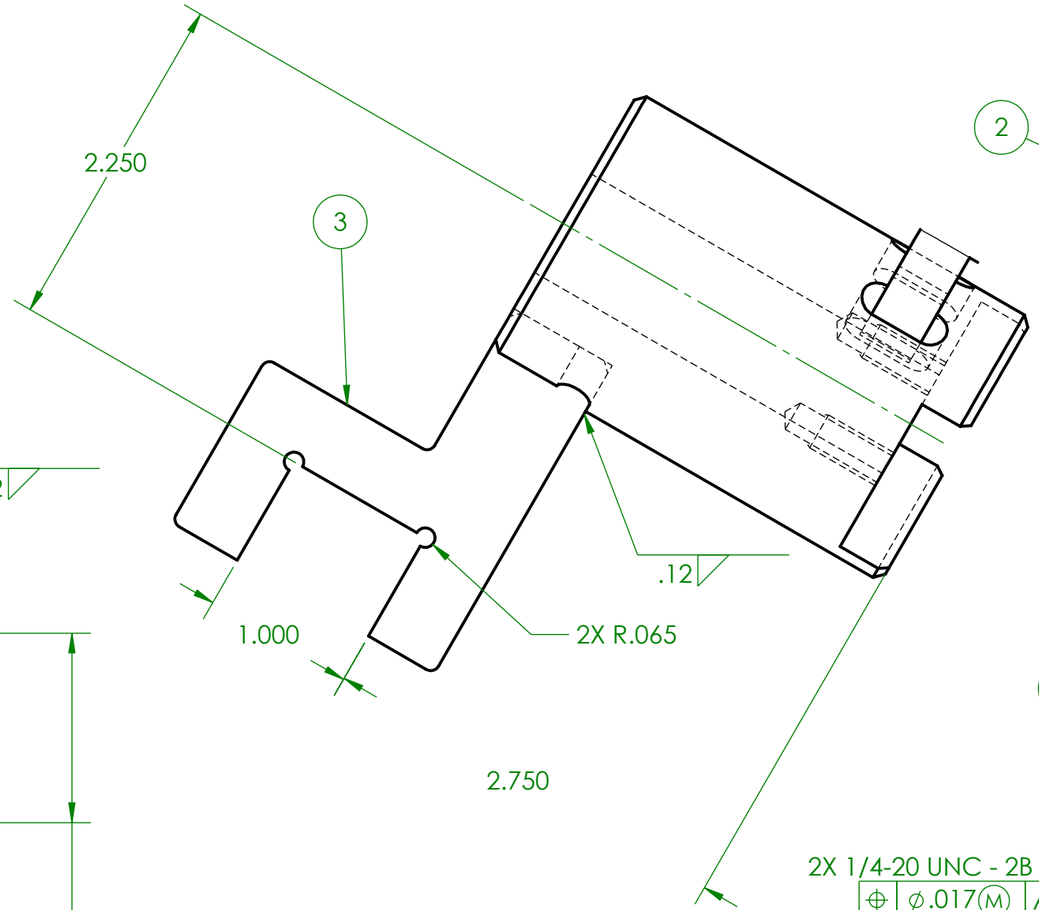
2 UPPER FORK
SCALE 1:1

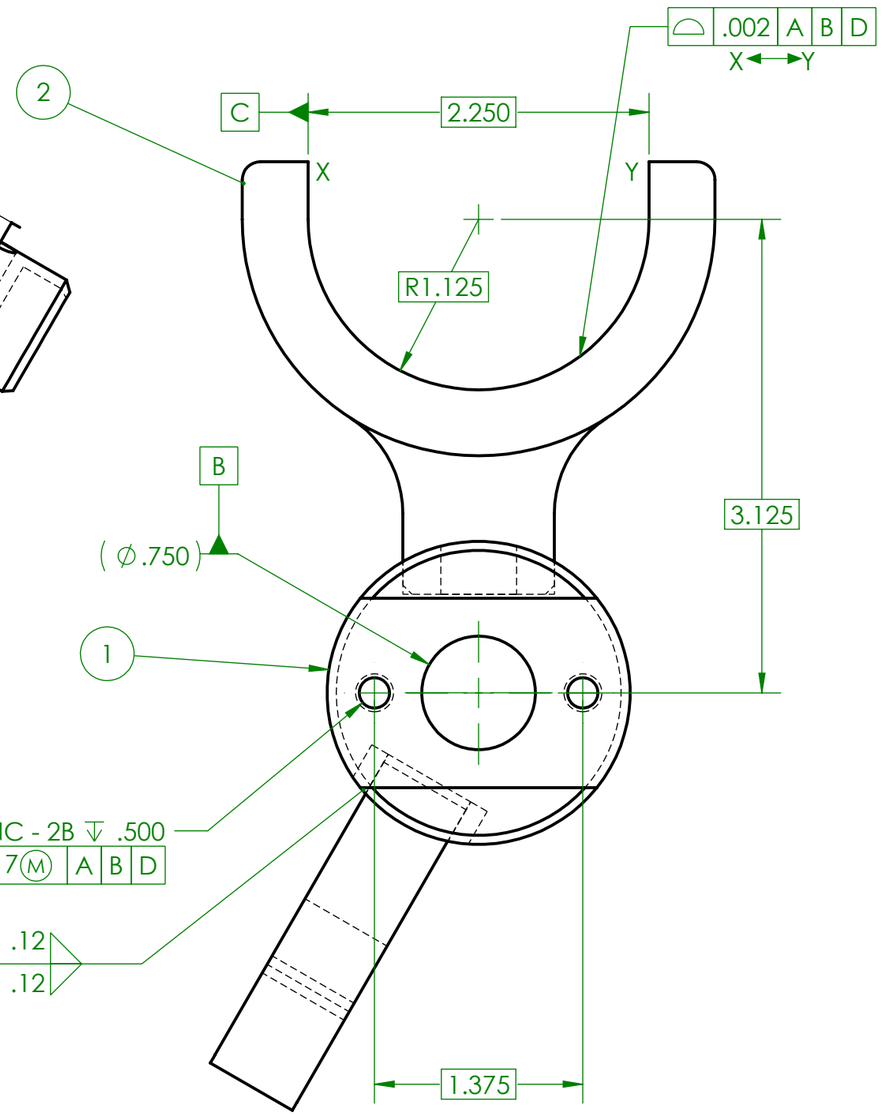


Cal Poly Mechanical Engineering ME 251 - SPRING 2026	Lab Section: 3	Assignment #8	Title: SHIFTER FORK		Drwn. By: MYLES MILLER
	Dwg. #:	Nxt Asb:	Date: 5/16/2026	Scale: 1:1	Chkd. By: ME STAFF

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NOTES
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   X.XX= ±.01
   X.XXX=±.005
   ANGLES= ±2°
3. INSIDE TOOL RADIUS .02 MAX.
4. BREAK SHARP EDGES .01 MAX.
5. 63 FAO

ITEM NO.	QTY.	DESCRIPTION	PART NUMBER	MATERIAL
1	1	SHAFT BODY	6020-01	6061-T6 (SS)
2	1	UPPER FORK	6202-02	6061-T6 (SS)
3	1	LOWER FORK	6020-03	6061-T6 (SS)

Cal Poly Mechanical Engineering ME 251 - SPRING 2026	Lab Section:3	Assignment #8	Title: SHIFTER FORK		Drwn. By: MYLES MILLER
	Dwg. #:	Nxt Asb:	Date: 5/16/2026	Scale: 1:1	Chkd. By: ME STAFF

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