Design and build a flywheel that:

1. can be mounted to the output shaft (part 18)
2. increases the axial moment of inertia of the output by 120-240 kg-mm^2
3. includes a single small magnet (to be provided) somewhere on the rim

We have many materials in the stock room that you can use for this assignment.

You must submit engineering drawings of your design for review (date to be provided separately).

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ±1/64 ANGULAR: MACH ±1 BEND ± TWO PLACE DECIMAL ±.01 THREE PLACE DECIMAL ±.005 FOUR PLACE DECIMAL ±.0005	DRAWN	JF	3/20/10
			CHECKED		
			ENG APPR.		
			MFG APPR.		
			Q.A.		
		INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS: BREAK ALL EDGES AND SHARP CORNERS.		
		MATERIAL your choice			
207		FINISH your choice			
NEXT ASSY	USED ON				
APPLICATION		DO NOT SCALE DRAWING			

TITLE: Flywheel

SIZE	DWG. NO.	REV
A	17	A

SCALE: 1:1 | WEIGHT: | SHEET 1 OF 1

5 4 3 2 1