

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-mm²
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).

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			DIMENSIONS ARE IN INCHES	DRAWN	JF	3/20/10			
			TOLERANCES:	CHECKED					
			FRACTIONAL: $\pm 1/64$	ENG APPR.					
			ANGULAR: MACH ± 1 BEND \pm	MFG APPR.					
			TWO PLACE DECIMAL $\pm .01$	Q.A.					
		THREE PLACE DECIMAL $\pm .005$	COMMENTS: BREAK ALL EDGES AND SHARP CORNERS.						
		FOUR PLACE DECIMAL $\pm .0005$							
		INTERPRET GEOMETRIC TOLERANCING PER:							
	207		MATERIAL				SIZE	DWG. NO.	REV
	NEXT ASSY	USED ON	your choice				A	17	A
			FINISH						
			your choice				SCALE: 1:1	WEIGHT:	SHEET 1 OF 1
	APPLICATION		DO NOT SCALE DRAWING						

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