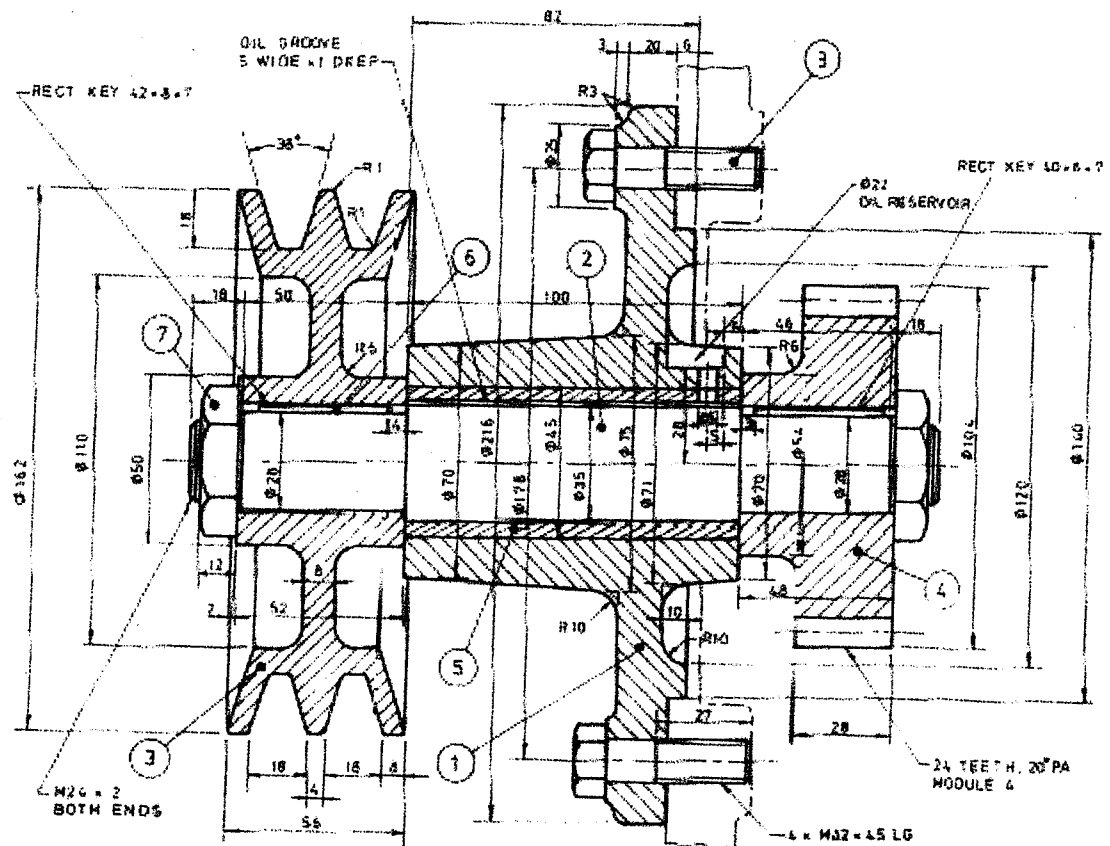


TASK 1:

You have been given the following Belt drive assembly by your Drafting Manager. You are required to:

- Prepare detailed drawings of any TWO of the following components of the belt drive assembly: housing, shaft, pulley and gear, scale 1:2
- Fill in the table below as specified. (refer to 9.11 in your textbook)
- Use your existing title blocks
- There are four classes of fit that need to be allowed for when detailing the above components. Enter these in the table below and insert the tolerances on the appropriate dimensions on your drawing.



FIT BETWEEN	CLASS OF FIT	DESIGNATION	LIMITS OF SIZE	
			HOLE	SHAFT
HOUSING — BUSH				
BUSH — SHAFT				
PULLEY & GEAR — SHAFT				
SHAFT LENGTH — HOUSING				

ITEM	DESCRIPTION
8	BOLT
7	NUT
6	KEY
5	BEARING BUSH
4	GEAR
3	PULLEY
2	SHAFT
1	HOUSING