

Sketching Assignment #5

Reading Assignment:

Read the following chapter in Engineering Graphics Workbook, Series 2 by Craig & Craig:
Chapter L – Dimensioning
Chapter M - Tolerances

Sketching Assignment: (staple all sheets together in the order assigned before submitting)

Complete the following worksheets:

- DIM-8A (Use decimal inch dimensions. Add a note for a general tolerance of $\pm 0.05''$)
- DIM-9B (Use metric dimensions. Add a note for a general tolerance of ± 1 mm)
- DIM-10C (Use fractional inch dimensions. Add a note for a general tolerance of $\pm 1/16''$)

Notes:

- In DIM-9B, use a single dimension for the two counterbored holes. Do not use any angle dimensions.
- In DIM-10C, use a single dimension for the size and location of the six arrayed holes.