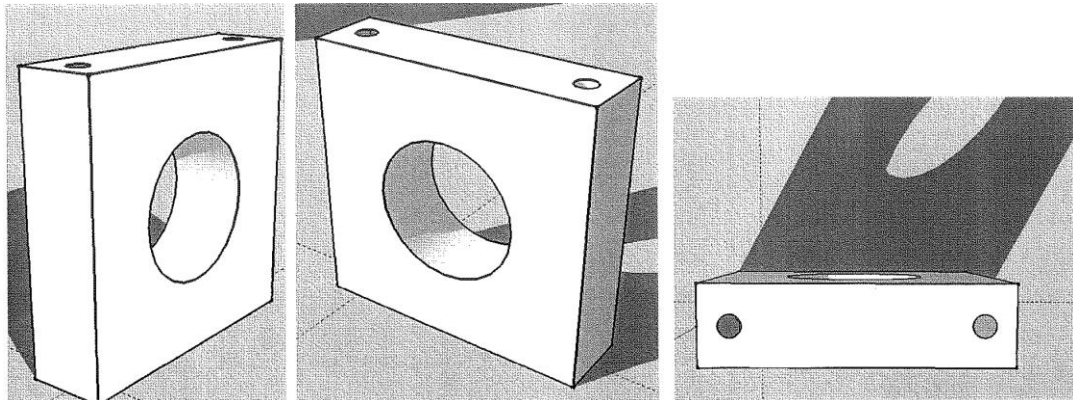
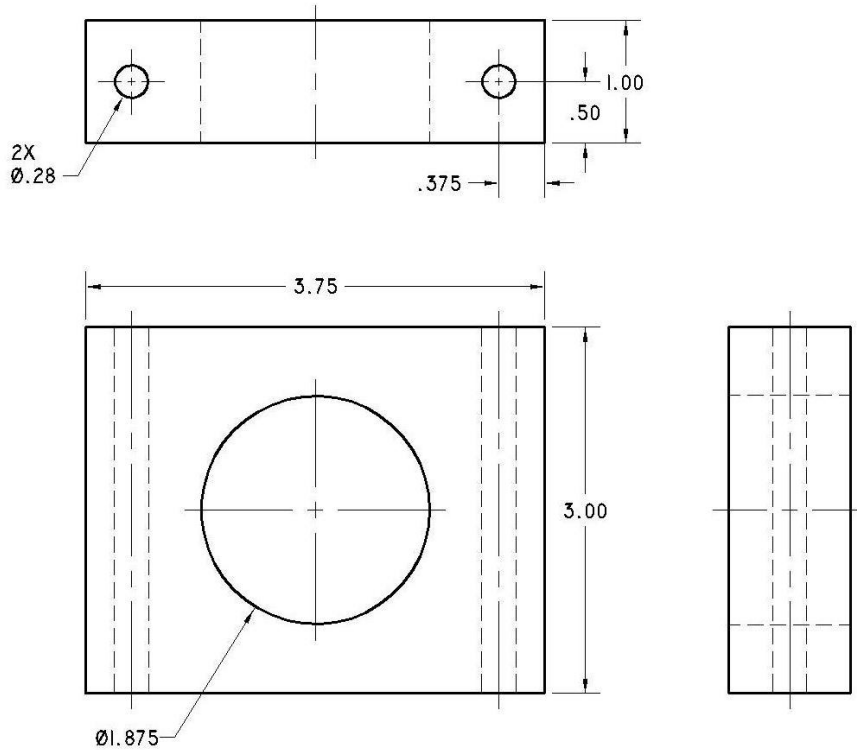


END CLAMP

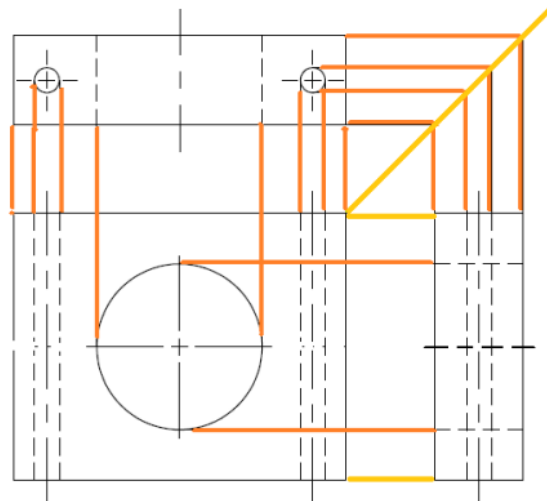
DRAWING TITLE	END CLAMP	DRAWN BY	FIRST AND LAST NAME	SCALE	FULL	DATE	00.00.0000	TITLE	00	NO.	00
---------------	-----------	----------	---------------------	-------	------	------	------------	-------	----	-----	----



Draft the three views of the END CLAMP part as shown above on an A-size sheet. Note how the three views align with one another, are equally spaced from one another and are centered within the drawing space. Review the required dimensions of the object and use the decimal scale.



DRAWING TITLE	DRAWN BY	SCALE	DATE	FILE	NO.
END CLAMP	FIRST AND LAST NAME	FULL	00.00.0000	00	00



Notice how the views align with each other.

Key elements to keep in mind while drafting:

- Center the three views within the drawing space
- Properly space the views between one another
- Line work: Proper line weights, line quality, line consistency, dash sizes
 - Correct measurements
 - Proper lettering
- Good template or compass work
- Overall neatness of the drawing

15.1306 Mechanical Drafting Consolidated (2011) Standards

C: Apply concepts and processes for the application of technology to engineering.

8. Use, handle, and store tools and materials correctly, perform preventative maintenance, understanding the results of negligence and improper maintenance or improper calibration.

D: Preparing to Draw: Basic Drawing and Dimensioning Skills

- 1 Measure lines, angles, and geometric features.
- 2 Identify drawing views and details.
- 3 Identify assembly drawings, detailed drawings, and other drawings by type.
- 5 Identify and create line types.
- 7 Complete title block and apply reference information.
- 9 Select and interpret scale and paper size.
- 10 Identify and operate design tools/instruments (CAD and/or manual).

F: Identify Measurements

1. Identify and read precision measurement tools.

G: Geometric Construction

- 1 Draw lines and curved elements.
- 2 Construct perpendicular and parallel lines.
- 3 Construct tangent lines and arcs.