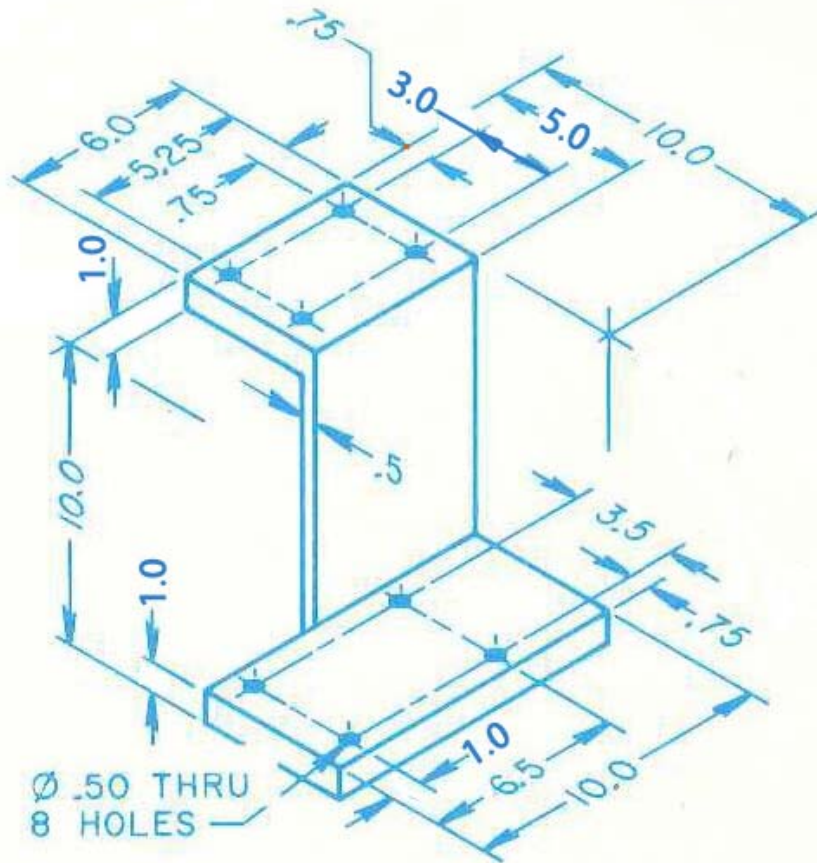


Z-Bracket Drawing

Preparing to Draw: Basic Drawing and Dimensioning Skills, Identifying Measurements, and Multiview Drawings

Below is a 3-D (Isometric) view of a part called “Z-BRACKET”. Study the drawing and mentally picture the object in 3-D in your head. Then picture the object orthographically. What does the front view look like, the right side view, the top view, etc.?

Begin by sketching the necessary views of the Z-BRACKET on a piece of scrap paper. Remember, there is no need to draft all six views of the object, just the views needed to fully describe what the object looks like. On your sketches also sketch the dimension lines. Before you move on to your rough draft have your teacher approve and review it with you.



You will be drafting this at **half-scale** on a C-Size Sheet of paper.

After your sketches are approved, start by drawing a “rough draft” of the necessary views. Plan for proper spacing between views and centering on the page. Be sure to align and transfer lines between views. Include drawing dimensions on your rough draft as you want to make sure you space them out properly and don’t overcrowd the drawing in an area.

You will be graded on the following....

- Properly Drawn Views
- Proper View Spacing
- Line Quality
- Line Weights
- Proper Dimension Locations
- Proper Dimension drawing (extension lines, arrow heads etc.)
- Lettering
- Title Block
- Overall Neatness
- Directions were followed