

Tech Design- Create the following drawing in 3D then place it into front, top, and RS views

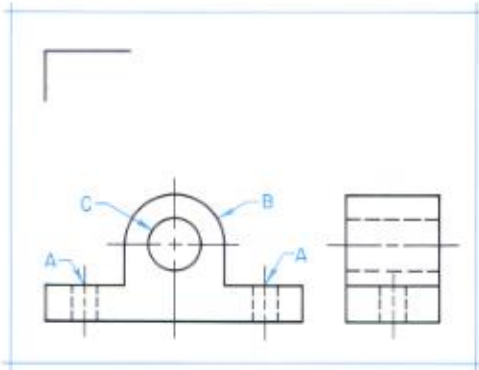


Fig. 5-52 *CAD1* Rod guide. $W = 5.12''$, $D = 1.88''$, $H = 2.50''$, $C = \text{Ø}1.00''$, $A = 0.50''$ 3.62" apart, base thickness = .75", $B = R1.00''$.

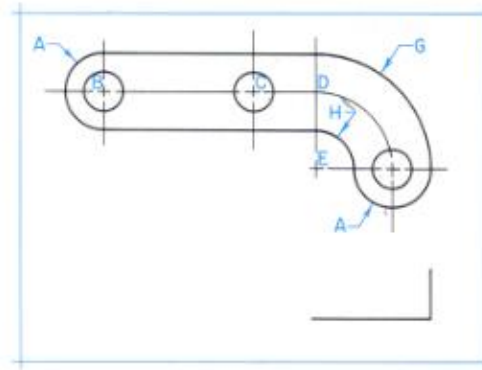


Fig. 5-53 *CAD1* Hinge plate. $A = R.75''$, $BC = 3.00''$, $CD = 1.25''$, $DE = 1.50''$, $EF = 1.50''$, $G = R2.25''$, $H = R.75''$, holes = $\text{Ø}.75''$, thickness = 1.00".

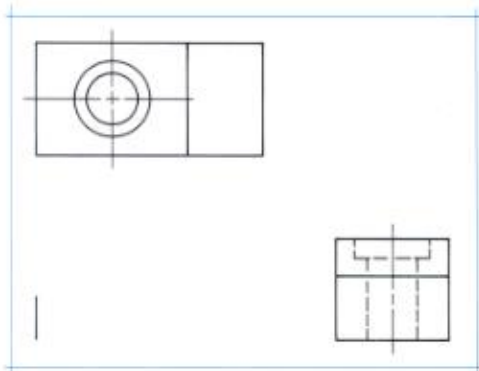


Fig. 5-54 *CAD1* Offset lug. $W = 4.50''$, $D = 2.25''$, $H = 2.00''$, notch = $.75'' \times 1.50''$, hole = $\text{Ø}1.00''$, counterbore = $\text{Ø}1.50'' \times .38''$ deep.

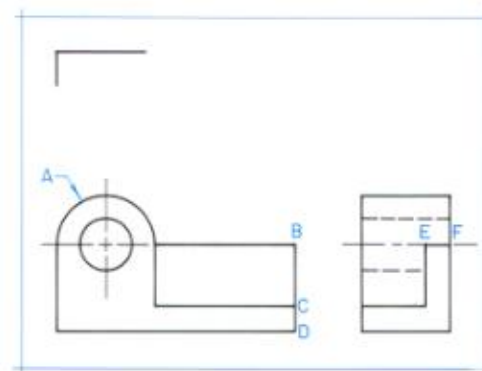


Fig. 5-55 *CAD1* Pin holder. $W = 4.75''$, $D = 1.75''$, $H = 2.75''$, hole = $\text{Ø}1.00''$, $A = R1.00''$, $BC = 1.25''$, $BD = 1.75''$, $EF = .50''$.

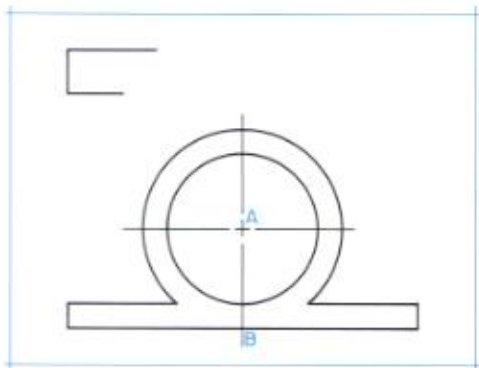


Fig. 5-56 *CAD1* Ring. Base = $.50'' \times .88'' \times 7.00''$ outer diameter, 3.00" inner diameter, $AB = 2.00''$.

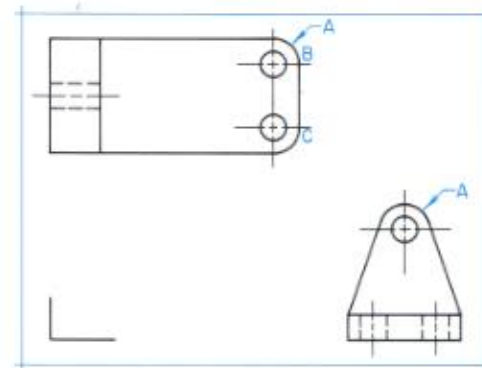


Fig. 5-57 *CAD1* Bracket. $L = 5.00''$, $W = 2.25''$, $H = 2.75''$, base thickness = .50", upright = 1.00", $A = R.50''$, $BC = 1.25''$, holes = $\text{Ø}.50''$.