7. Which of the following options is used to define tangency at the start and end of a loft feature by defining a direction vector?

(a) **Normal To Profile** (b) **Tangency To Face**
(c) **Direction Vector** (d) None of these

8. Which of the following tools is used to calculate the mass properties of a model?

(a) **Mass Properties** (b) **Mass**
(c) **Mass Pro** (d) None of these

9. You can clear the **Use document font** check box of the **Sketch Text PropertyManager** to choose a font other than the default one. (T/F)

# EXERCISE

## Exercise

In this exercise, you will create a Headlight Clamp, as shown in Figure 7-52. The views and dimensions of the model are shown in Figure 7-53. All the dimensions are in inches. After completing the model, save it at the location *\Documents\Motor Cycle Project* and name it as *Headlight Clamp*.

**(Expected time: 15 min)**

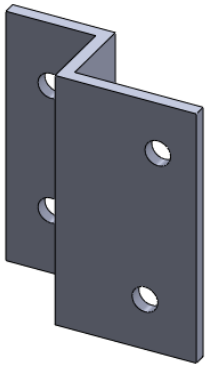

***Figure 7-52*** *The Headlight Clamp*

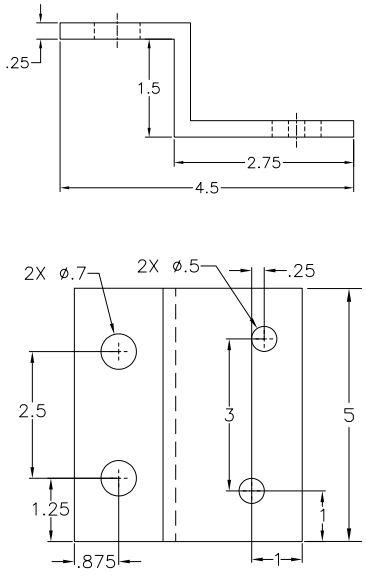


***Figure 7-53*** *Top and front views of the model*

**Answers to Self-Evaluation Test**

**1. Spline**, **2.** spline, points, **3. Lofted Boss/Base**, **4.** loft, **5. Loft**, **6. Start/End Constraints**, **7.** T, **8.** F, **9. Text**, **10. Material**.