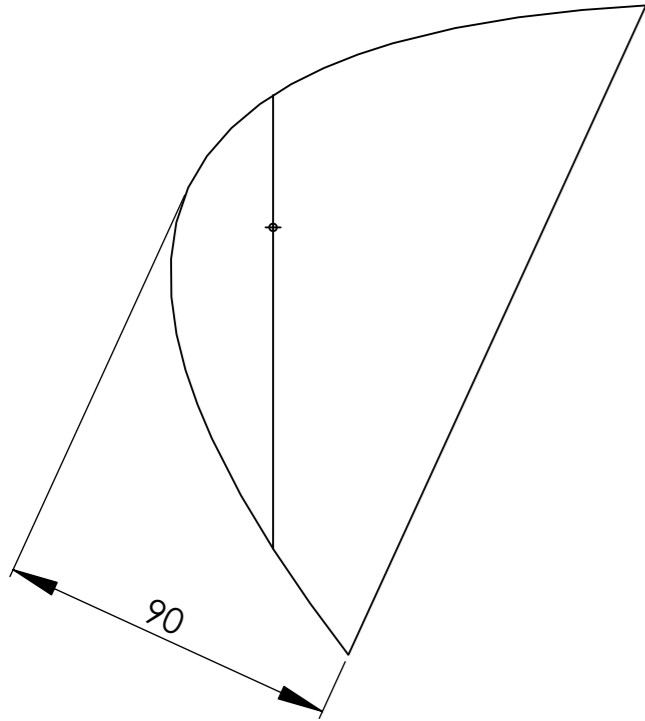




A photograph of a **Cleveland Launcher driver** is shown. The underside of the club is in the shape of a **parabola**. A drawing of this parabola is also shown.

In the drawing below, F is the **focus** of the parabola and the line AFB represents a **focal chord** of the curve.

- (a) Determine the position of the **directrix** and the **axis** of the parabola.
- (b) Draw the portion of the curve as shown.



DESIGN & COMMUNICATION GRAPHICS

TITLE: **CONIC SECTIONS 8**

DRAWN BY: \_\_\_\_\_ SIZE A3 UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN mm

SCALE: 1:1 DATE: 26/01/2009 SHEET 1 OF 1

