



**FIGURE P6-20**

Problem 6-57 A crimping tool

†6-57 Figure P6-20 shows a crimping tool.

- a. Calculate its mechanical advantage for the position shown.
- b. Calculate and plot its mechanical advantage as a function of the angle of link  $AB$  as it rotates from  $60$  to  $45^\circ$ .

† These problems are suited to solution using *Mathcad*, *Matlab*, or *TKSolver* equation solver programs.