

Exercise 22-11

1. Continue from Exercise 22-10 or start AutoCAD.
2. Start a new drawing from scratch or use a decimal-unit template of your choice. Save the drawing as EX22-11.
3. Set the drawing units length precision to 0.000.
4. Turn on the **Infer Constraints** tool.
5. Access the **PLINE** command once to draw the front view of the part shown in Figure 22-27. Draw the lower horizontal segment first, from right to left, to infer a horizontal constraint. When you get to the right endpoint of the top horizontal segment, access the **Arc** option followed by the **Close** option to complete the view.
6. Add a fix constraint to the lower-left corner.
7. Add the dimensional constraints shown in Figure 22-27.
8. Use the **Parameters Manager** to view parameters and add the user parameter shown in Figure 22-27.
9. Resave and close the file.
10. Keep AutoCAD open for the next exercise, or exit AutoCAD if necessary.