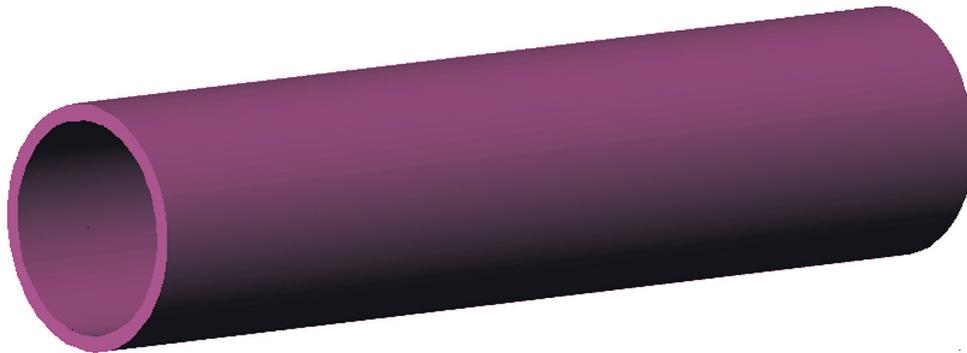


## AutoCAD Problem 15-1

### Chapter 15: Modifying 3D Objects

#### Schedule 40 Pipe

Create a solid model of a 2.00" Schedule 40 pipe that is 10.00" long, as shown below. Use the appropriate tables to find the correct inner and outer diameters.



## AutoCAD Problem 15-2

### Chapter 15: Modifying 3D Objects

#### Plug

Use the **REVOLVE** command to create a solid model of the plug shown below. Make the spindle 1.90" high with a diameter of  $\text{\O}0.20$ ". Give the base plate a diameter of  $\text{\O}2.00$ " and make it .10" thick. Place four equally spaced  $\text{\O}0.25$ " holes on a  $\text{\O}1.50$ " bolt circle.



## AutoCAD Problem 15-3

### Chapter 15: Modifying 3D Objects

#### Block

Create a solid model of the 1.00" × 1.00" block shown below. Make the block .25" thick. Include a countersunk hole for a 1/4" flat-head screw.

