Cut-Rate Machining, Inc. – Teaching Tips

# Scatter Plots

This exercise is an early introduction of the use of control charts. Control charts will be formally introduced in Chapter 19. Students may have trouble visualizing the count of holes drilled as the x-axis variable for creating the scatter plots. This is accomplished by simply selecting the centimeter column prior to inserting the scatter plot. Excel will automatically creating the count variable.

Suggest students add a trend line to show the variation associated with each machine. In addition, a mean 3cm line can be drawn using Insert – Illustrations – Shapes.