



## Weekly Tech Tip

### Topic: Straight Pipe Tapped Holes

April 4, 2010

In SolidWorks 2010, the Hole Wizard supports 'Straight Pipe Tapped Hole'.

#### *Hole Type and Hole Specifications*

The **Hole Specification** options vary depending on the **Hole Type**. Use the PropertyManager images and descriptive text to set the options.



Counterbore



Countersink



Hole



Straight Tap




Tapered Tap



Legacy Hole

Holes created prior to the SolidWorks 2000 release

- **Standard.** Select for example **ANSI Metric** or **JIS**.
- **Type.** Select for example **Hex Screw** or **Pan Slot Head**
- **Size.** Select a size for the fastener.
- **Fit (Counterbore and Countersink only).** Select a fit for the fastener: **Close**, **Normal**, or **Loose**.
- **Show Custom Sizing.** Sizing options vary depending on the hole type. Use the PropertyManager images and descriptive text to set the options such as diameter, depth, and angle at bottom.  
 You can override the value in the boxes. To revert to the default values, click **Restore Default Values**. The background color of the boxes is white for the default value, and yellow for the override value.
- **Configurations.** Specify the configuration to modify when a model has configurations requiring different Hole Wizard sizes. You can also use a design table.

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