Chapter 10

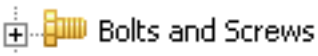
Self Tapping Screw #2-32 .1875

A. Toolbox New Part.

Step 1. Click the **Design Library** tab  in the Task Pane, **Fig. 1**.

Step 2. In the **Toolbox** 

Expand **ANSI Inch** folder 

Expand **Bolts and Screws** folder 

Click **Self Tapping Screws** folder 

Step 3. In the lower pane, **right click Pan Head Tapping Screw** and click **Create Part**, **Fig. 1**.

Step 4. In the Property Manager set:
under Properties, **Fig. 2**
Size #2
Drive Type I
Tip Type AB
click OK  .

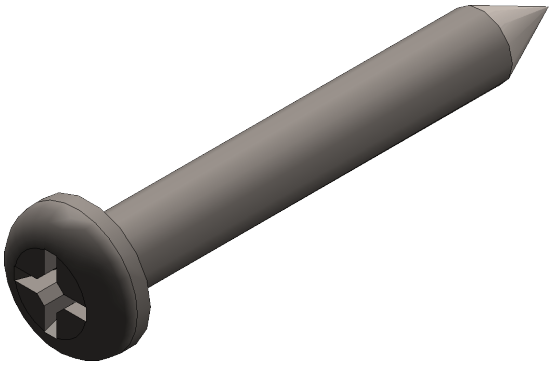


Fig. 3

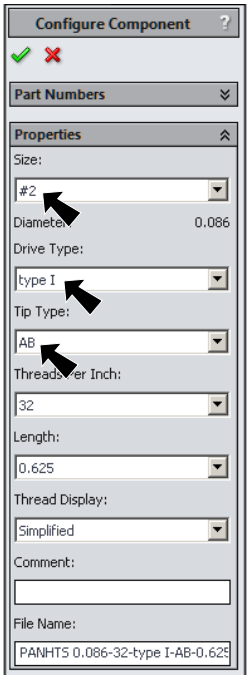


Fig. 2

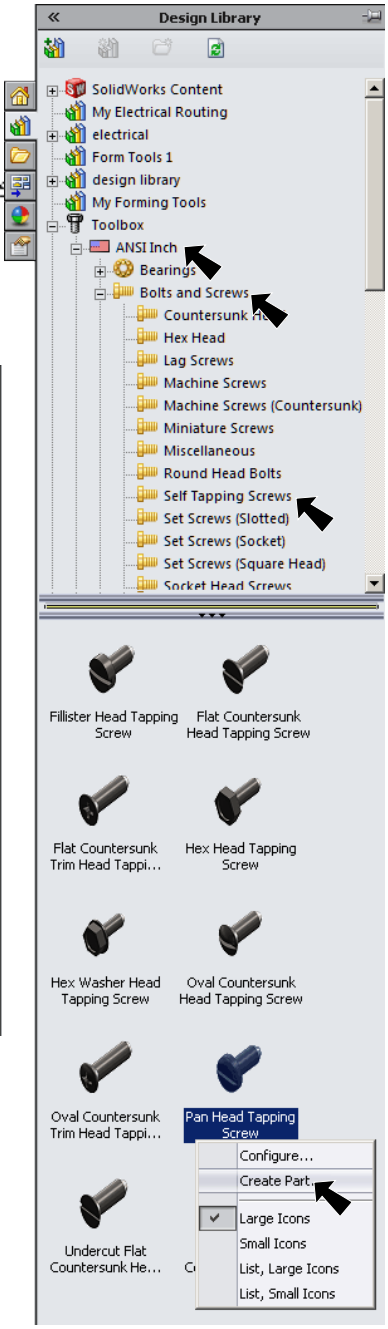


Fig. 1

B. Change Length to 3/16 Inch.

Step 1. Click **base-Revolve** in the Feature Manager and click **Edit Sketch**  on the Context toolbar, **Fig. 4**.

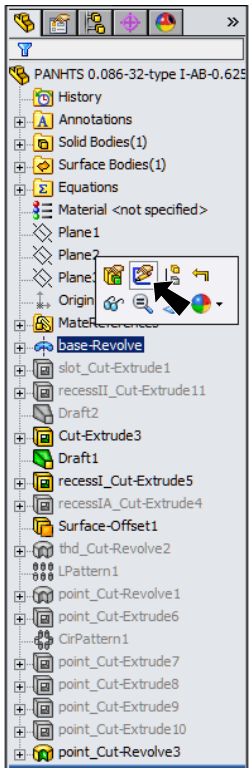


Fig. 4

Step 2. Change **.625 length dimension to .1875 (3/16 inch)**, **Fig. 5** and **Fig. 6**.

Step 3. Click **Exit Sketch** 

on the Sketch toolbar.

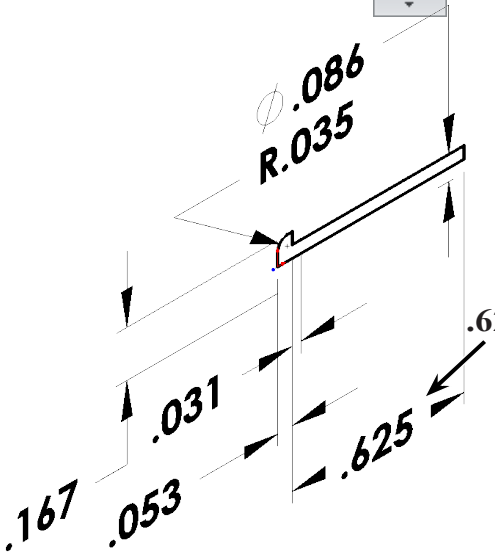


Fig. 5

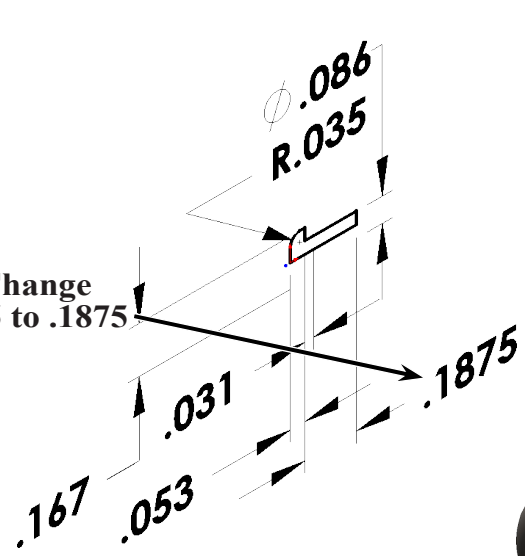


Fig. 6

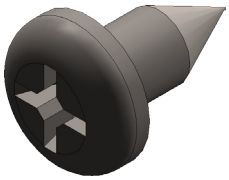


Fig. 7

C. Material Chrome Stainless.

Step 1. **Right click Material**  in the Feature Manager and click **Edit Material**, **Fig. 8**.

Step 2. Expand **Steel** in the material tree and click **Chrome Stainless Steel**. Click **Apply** and **Close**.

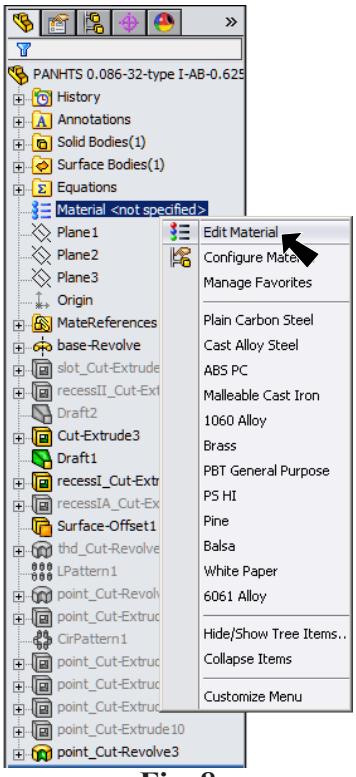


Fig. 8

D. Save as ".1875".

Step 1. Click File Menu > Save As.

Step 2. Redirect file path to your **JSS folder** in your Tech Ed 14-15 folder, **Fig. 9**.

Step 3. Change **.625 to .1875** in the filename and click Save, **Fig. 9**.

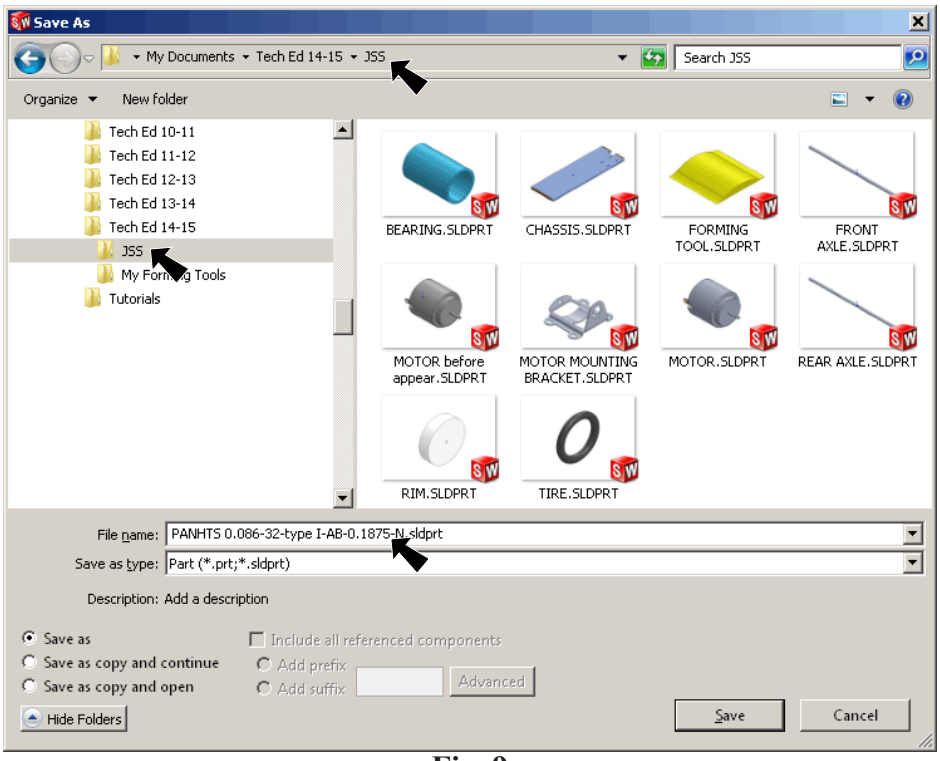


Fig. 9