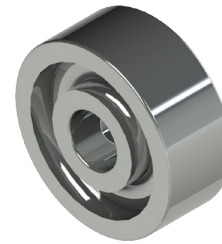



HAWT Bearing



A. Enable Toolbox Browser.

Step 1. If necessary, turn on Toolbox Browser, click the flyout of **Options**  on the Standard toolbar and click **Add-Ins**.

Step 2. Check **SOLIDWORKS Toolbox Library** to place a check in the both check boxes, then click OK, **Fig. 1**.

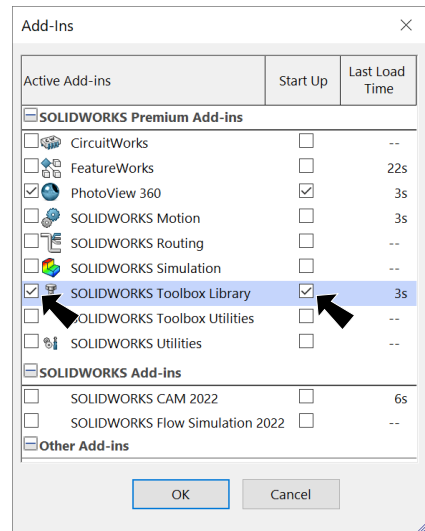







Fig. 1

B. Toolbox Bearing.

Step 1. Click **Design Library** tab  in the Task Pane (right side of graphics area), **Fig. 2**.

Step 2. Expand the **Toolbox**  **Toolbox**
 Expand **ANSI Metric** folder  **ANSI Metric**
 Expand **Bearings** folder  **Bearings**
 Click **Ball Bearings** folder  **Ball Bearings**

Step 3. In the lower pane, **right click Instrument Ball Bearing...** and click **Create Part** from menu, **Fig. 2**.

Step 4. In the Component Property Manager set:
 under Properties, **Fig. 3**
 Size **0030-10**
 Display **Simplified**
 click OK .

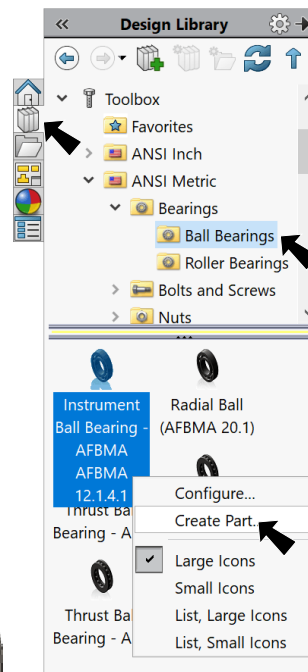


Fig. 2

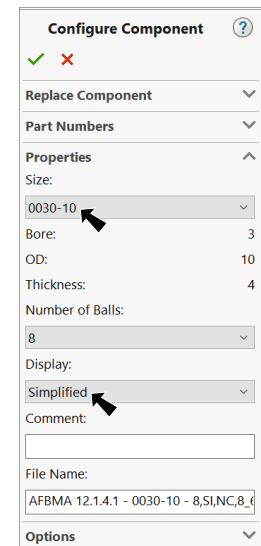


Fig. 3

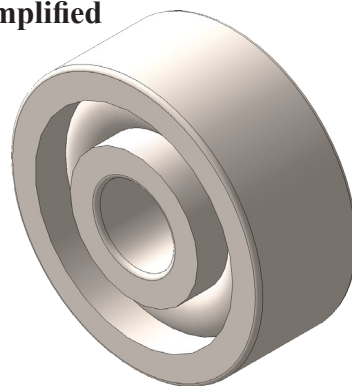


Fig. 4

C. Save As in Tech Ed folder.

Step 1. Click File Menu > Save As.

Step 2. In the Save As dialog box:
key in **BEARING 0030-10** for file name
Navigate to **My Documents/ Tech Ed 22-23/Wind Turbine** folder
click **Save**, Fig. 5.

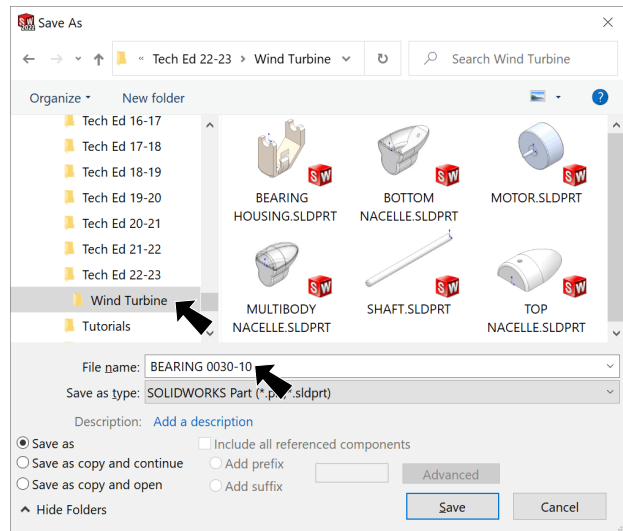




Fig. 5

D. Appearance Chrome.

Step 1. Click part to select, click **Appearance**

Callout  on the context toolbar and click **BEARING...**  Fig. 6.

Step 2. In the Appearances Task pane, expand **Metal**, click **Chrome** and in the lower pane select **chromium plate**, Fig. 7.

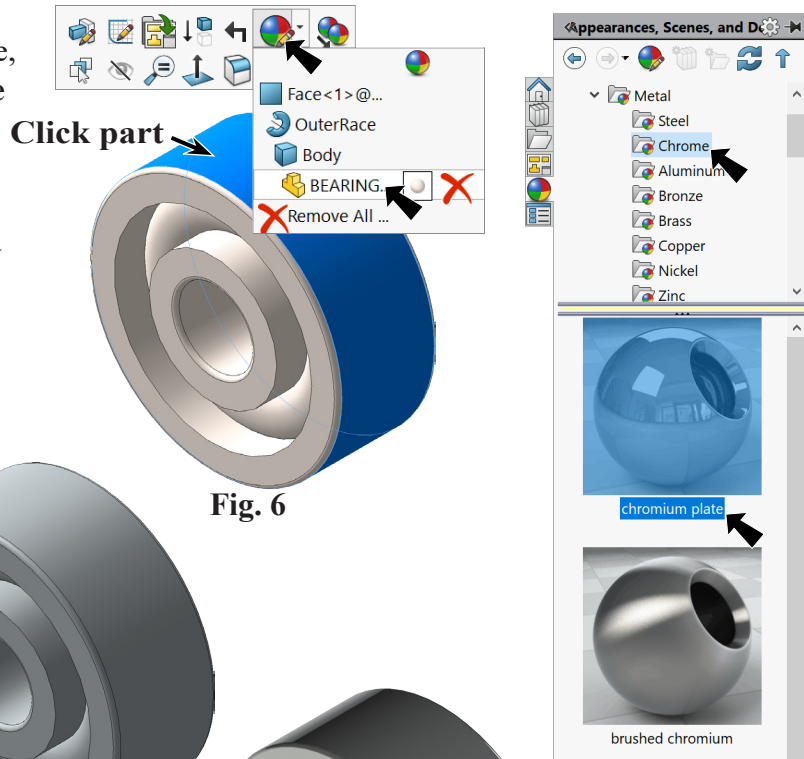


Fig. 6

Fig. 7

Step 3. Click OK  in the Property Manager.

Step 4. Save  (Ctrl-S).

Step 5. Close File. Use **Ctrl-W**.

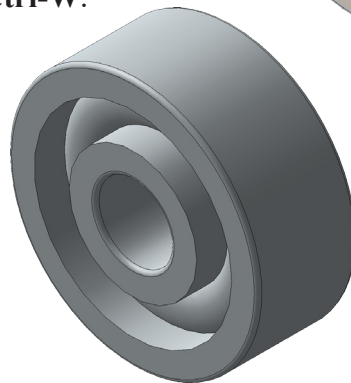
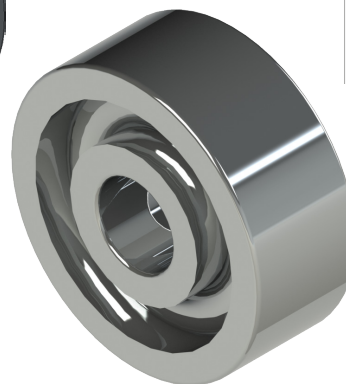


Fig. 8



Rendered