




Part Model Fifteen (PRT0015.PRT) (Sheetmetal)

The Pro/E part database is different when you create parts using Pro/SHEETMETAL. All sheet metal parts are by definition thin-walled constant-thickness parts. Because of this, sheet metal parts have some unique properties, that other Pro/E parts do not have. You may convert a solid part into a sheet metal part, but not a sheet metal part into a solid part. The solid must have a constant thickness.

Click:  ⇒ **Part (PRT0015)** ⇒ **Sheetmetal** [Fig. 10.15(a)] ⇒ **OK** ⇒ **Edit** ⇒ **Setup** ⇒ **Units** [Fig. 10.15(b)] ⇒ **Close** ⇒  **Create Unattached Flat Wall** [Fig. 10.15(c)] ⇒ pick the **TOP** datum plane ⇒ **MMB** ⇒ **MMB** ⇒ **MMB** ⇒ **MMB** ⇒ **RMB** ⇒ **Rectangle** ⇒ sketch a rectangle [Fig. 10.15(d)] ⇒  ⇒ **MMB** ⇒ **Tools** ⇒ **Environment** ⇒ **Standard Orient Isometric** ⇒ **Apply** ⇒ **Close** ⇒ **Ctrl+D** ⇒ **Preview** ⇒ **MMB** ⇒ **Ctrl+S** ⇒ **Enter** [Fig. 10.15(e)] ⇒ **LMB** to deselect

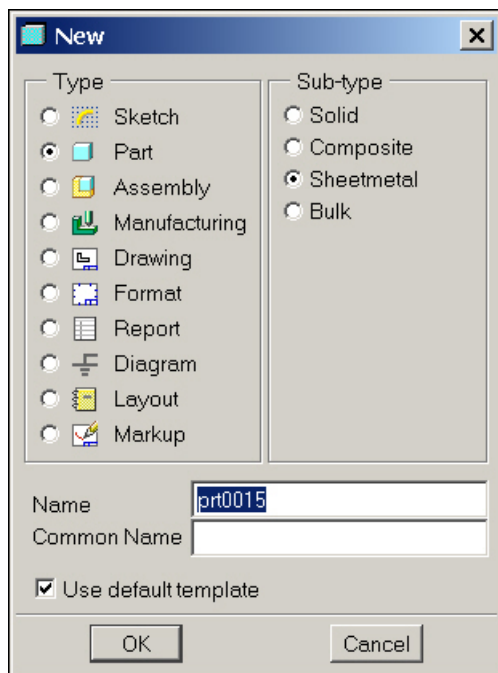


Figure 10.15(a) Sheetmetal

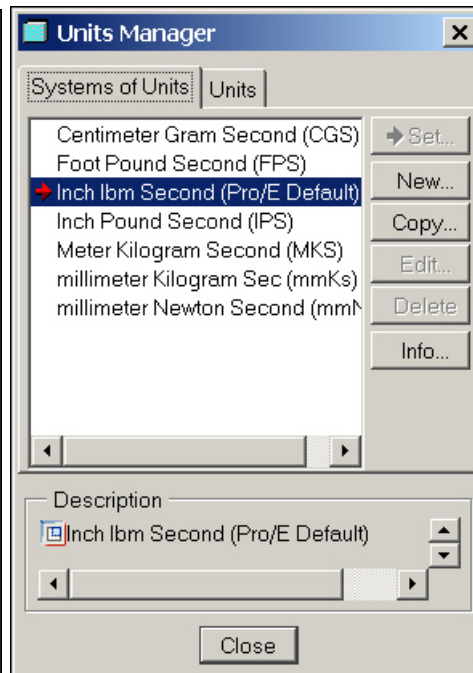


Figure 10.15(b) Units Manager Dialog Box

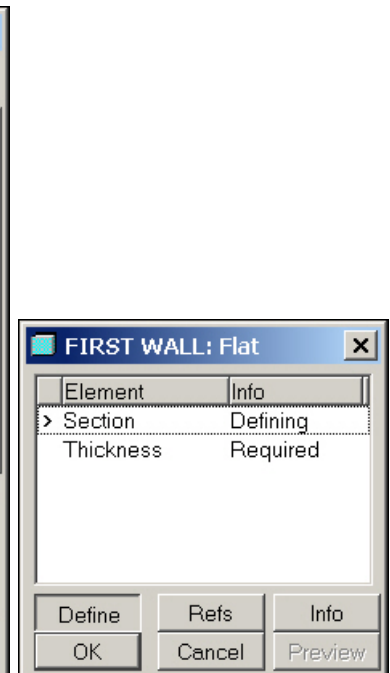


Figure 10.15(c) First Wall Dialog

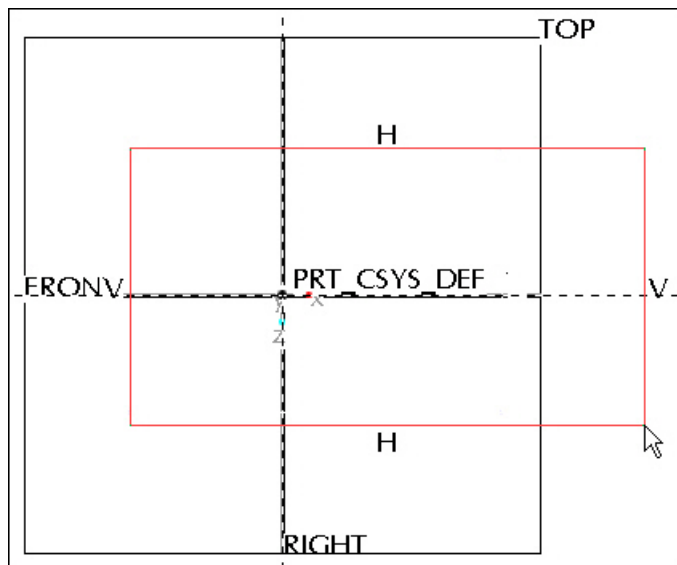


Figure 10.15(d) Sketch a Rectangle

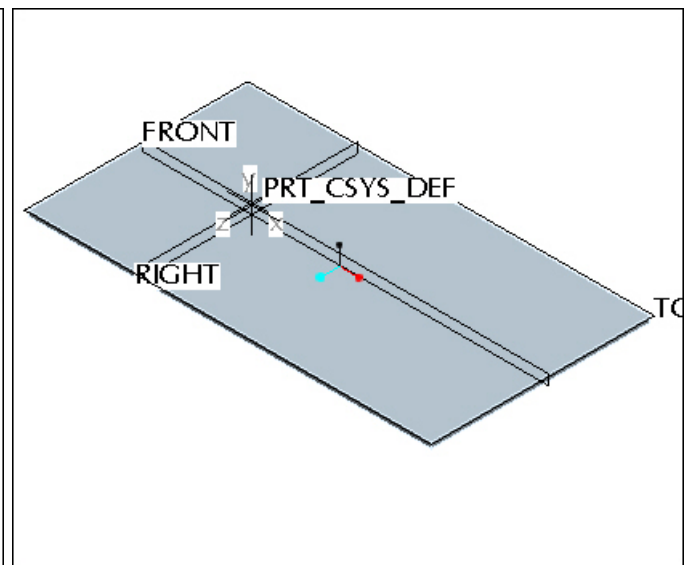


Figure 10.15(e) First Wall