

# PRO-ENGINEER WILDFIRE REFERENCE GUIDE

## Datum Plane

PRO-E uses Datum Planes as the “original” reference to and for all modeled parts. These “Datum” Planes are really the “cut through” axis of the modeled part or assembly.

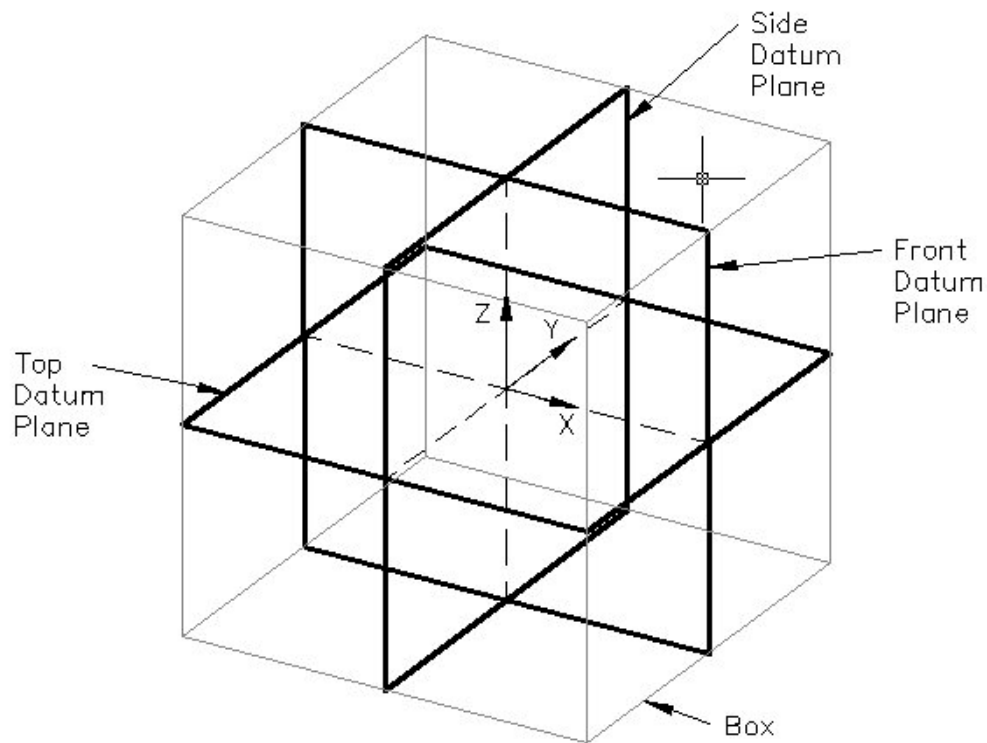
For example, the “side” Datum Plane is really the center cross section. The “front” Datum Plane actually resides halfway back from the front of the modeled part. The “top” Datum Plane is actually halfway down from the top of the modeled part.

## Important Note

**All the Datum Planes meet in the exact center of the modeled part.**

## Reference Example

The “Datum” Planes are the key element for drawing the foundational outlines of a part when in the “sketcher” mode. A well-designed part will most likely have all the Datum Planes meeting in the exact center of the part.



Box with Datum Planes