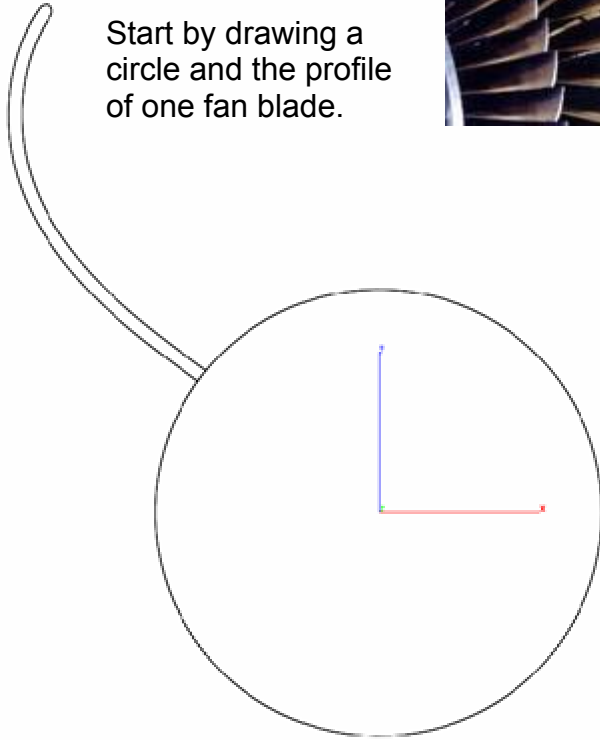


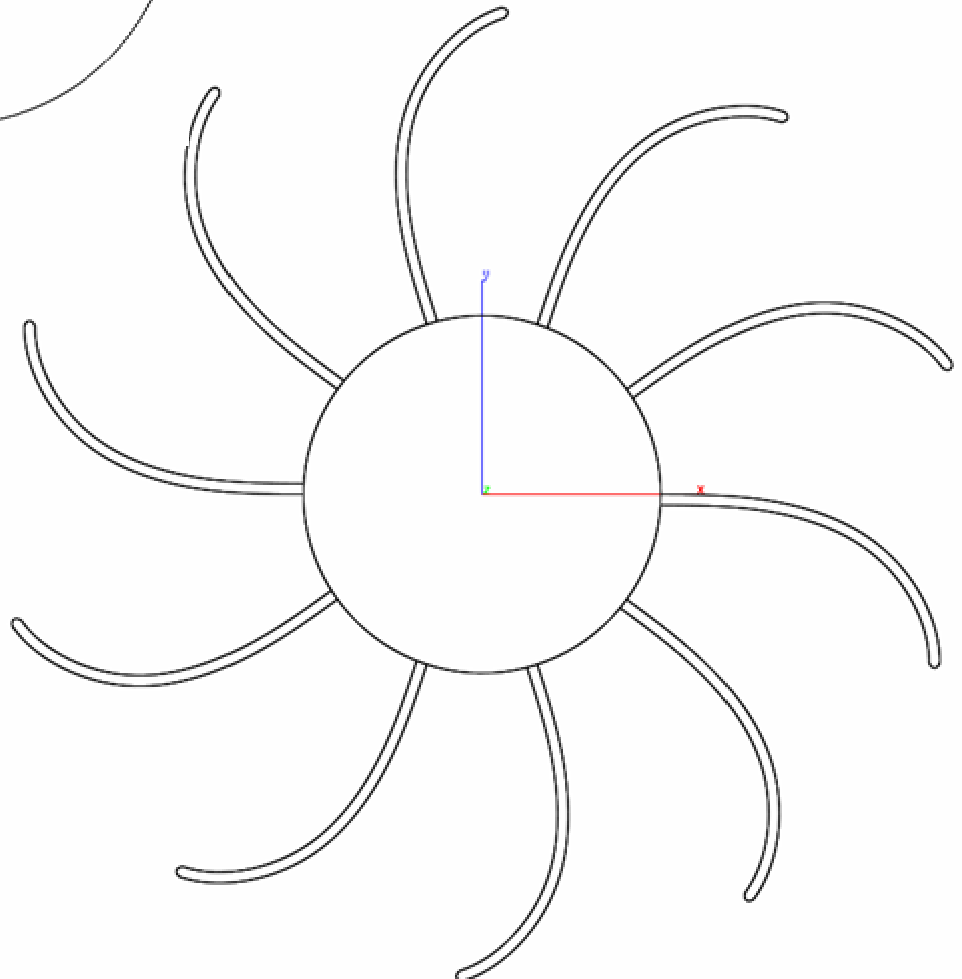
A Quick Way to Make Fan or Turbine Type Shapes

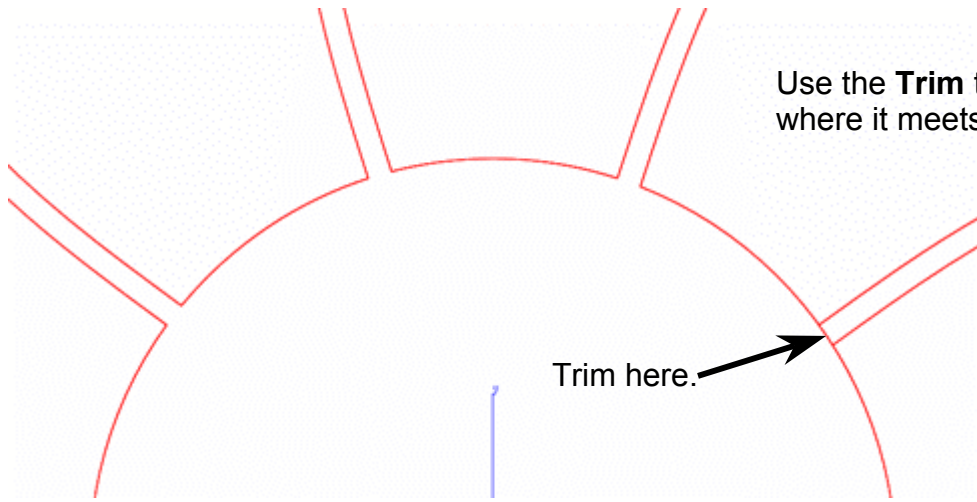


Start by drawing a circle and the profile of one fan blade.



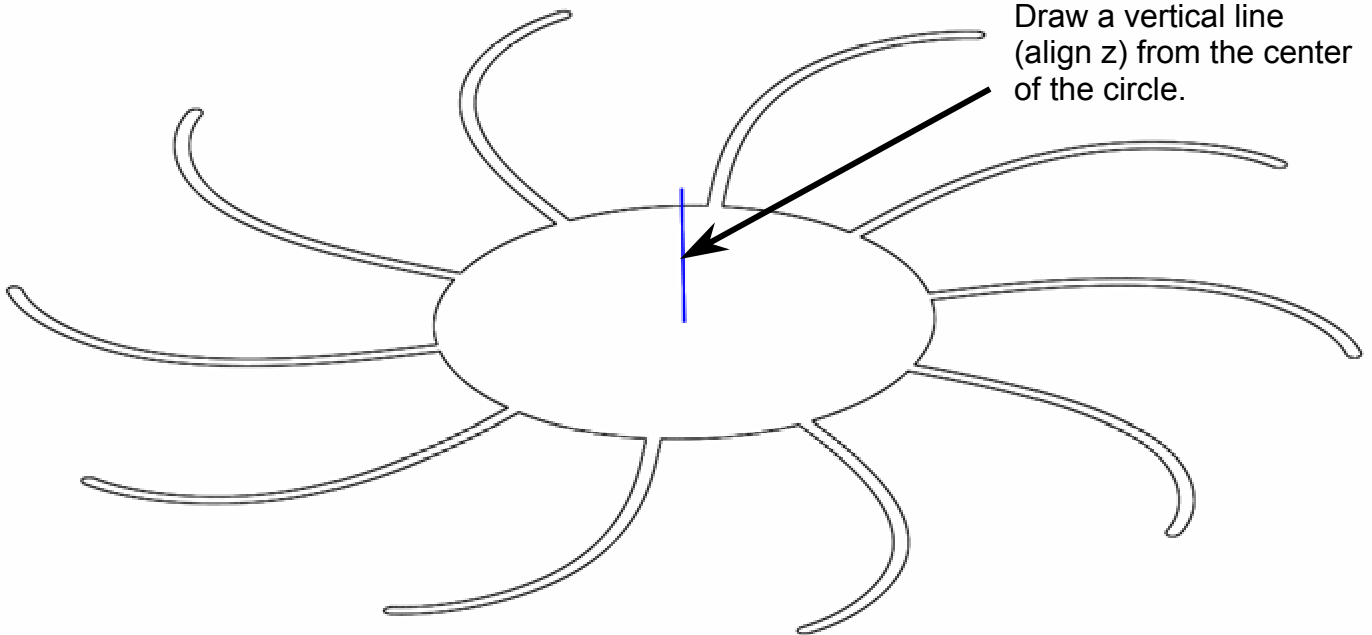
Use the **Polar Duplicate** tool to copy the fan blade profile around the center of the circle.



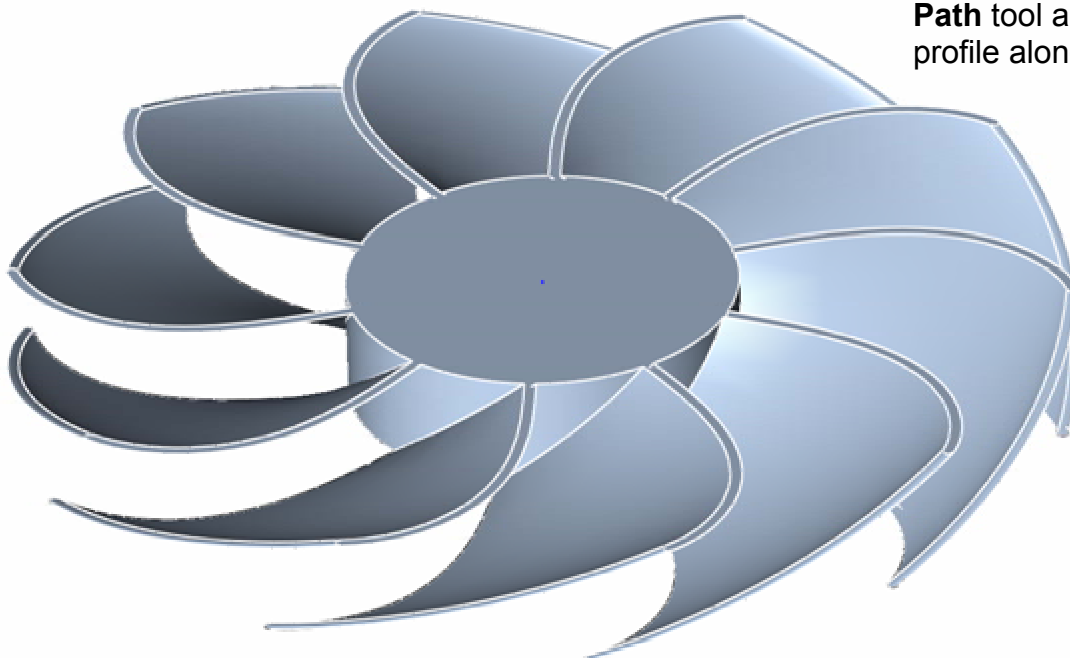


Use the **Trim** tool to cut the circle where it meets the fan blade profiles.

Trim here.



Draw a vertical line (align z) from the center of the circle.



Use the **Solid Sweep Along Path** tool and sweep the fan profile along the line.

Type 45 degrees in the twist angle field. (Any angle could be used here.)

You should end up with a fan shape like this.