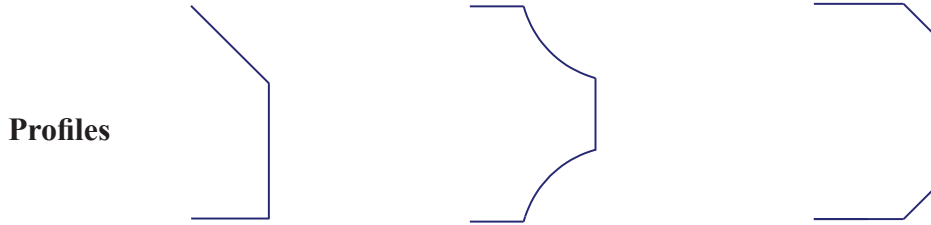
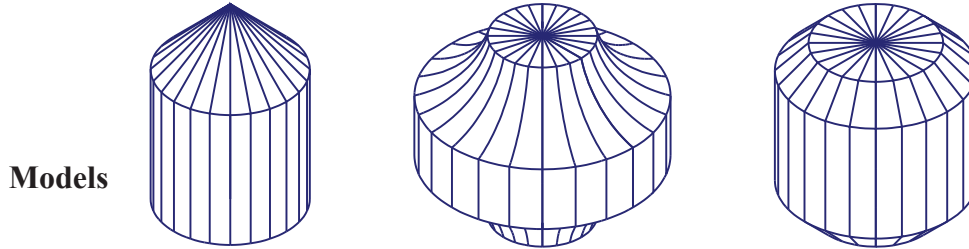


Wire Frame Model



Profiles

NOTE: A profile can be of any simple shape.



Models

A. Set Grid and Snap .2.

Step 1. If necessary start a new Mastercam file, click **New**  on the Quick Access Toolbar QAT (Ctrl-N). Units **inches**.

Step 2. On the View tab  click **Show Grid**  and **Snap to Grid** .

Step 3. Click the **Dialog Box Launcher**  (Alt-G), Fig. 1.

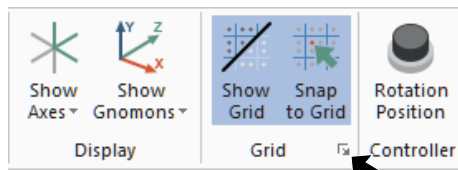



Fig. 1

Step 4. In the Grid Settings:
under Spacing, Fig. 2
X and Y Spacing .2
Click OK .
Click No.

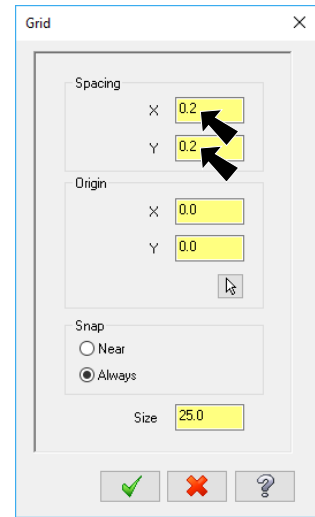
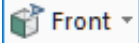
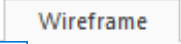
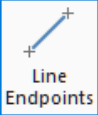


Fig. 2

B. Create Front View Profile.

Step 1. Change to the Front View. **Right click** in the graphics window and click **Front**  (Alt-2).

Step 2. On the Wireframe tab  click **Line Endpoints** .

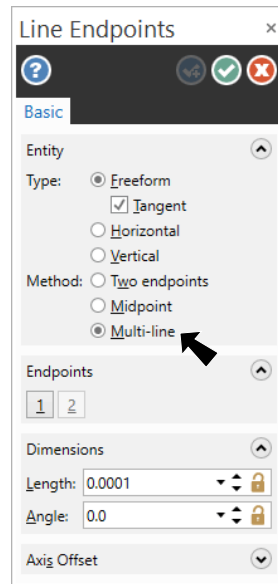



Fig. 3

Step 3. In the Line Endpoints function panel:
under Type, Fig. 3
select **Multi-line**
Sketch lines, Fig 4
Click OK .

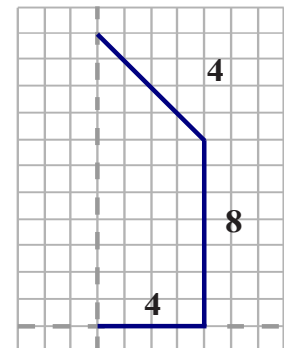
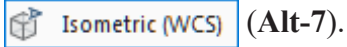


Fig. 4

C. Rotate Profile.

Step 1. Change to the Isometric View. **Right click** in the graphics window and click



Step 2. Confirm **CPLANE:TOP** in Status bar at bottom of the graphics window, **Fig 5**.

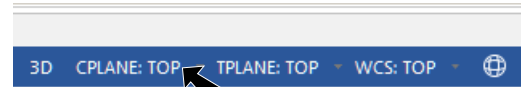
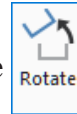
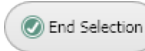


Fig. 5

Step 3. On the Transform tab **Transform** click **Rotate**



Step 4. Use **Ctrl-A** to select all and click **End Selection** **(ENTER)**.



Step 5. In the Rotate function panel set:
 under Method, **Fig. 6**
 select **Join**
 under Instances
Number 45
Angle 8 and press ENTER
 Click OK

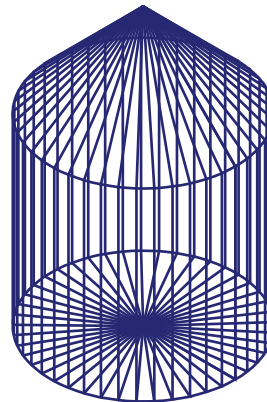


Fig. 7

Step 6. **Right click** the graphics window and click **Fit**



Step 7. **Right click** the graphics window and click **Clear Colors**

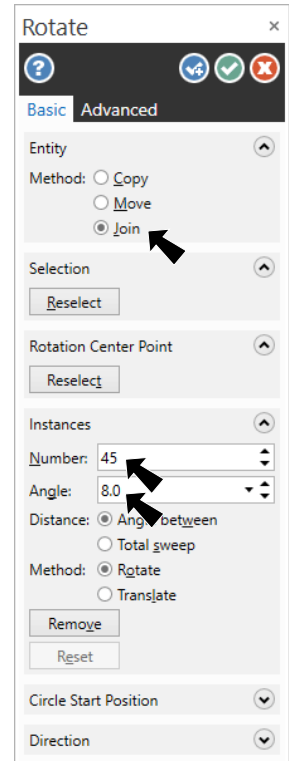


Fig. 6

D. Save As "WIRE"

Step 1. Click **Save As** (**Ctrl-Shift-S**) on the Quick Access Toolbar QAT.

Step 2. Key-in **WIRE** for the filename and press ENTER.