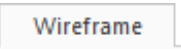



A. Create Letters.



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 Wireframe tab  click **Create Letters** .

Step 3. In the Create Letters function panel:
under Font, **Fig. 1**
select **Mastercam (Box)**
Lock the caps and key-in letters.

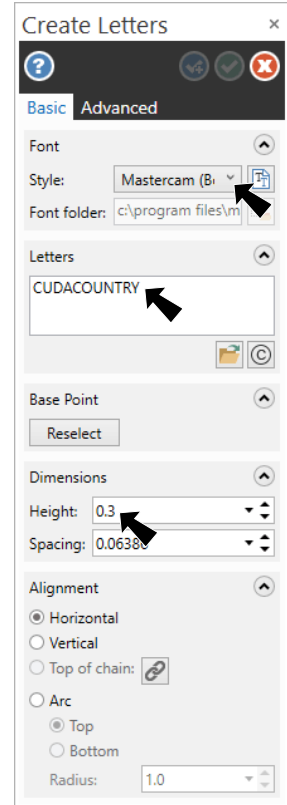


Fig. 1

Letter Chart

Letters	Height
2	1.1
3	1
4	.8
5	.65
6	.55
7	.45
8	.4
9	.35
10	.32
11	.3

Fig. 2

This example uses CUDACOUNTRY letters.
You can use your own letters.
under Dimensions
Height .3

Use **chart determine letter height, Fig. 2.**
2 letters use 1.1
3 letters use 1
CUDACOUNTRY 11 letters use .3


Click in graphics window to place letters, **Fig. 3.**
Click OK .



Fig. 3

B. Create Bounding Box.

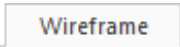
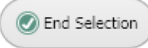
- Step 1. On the Wireframe tab  click **Bounding Box** .
- Step 2. Use **Ctrl-A** to select all and click **End Selection**  (**ENTER**).



Fig. 4



- Step 3. In Bounding Box function panel:
under Shape, **Fig. 5**
Rectangle
under Rectangular Settings
Click **bottom center Anchor point** 
under Size
X 3
Y 1.5
under Create Geometry
Check **Lines and arcs** uncheck others
Click OK .



Fig. 6

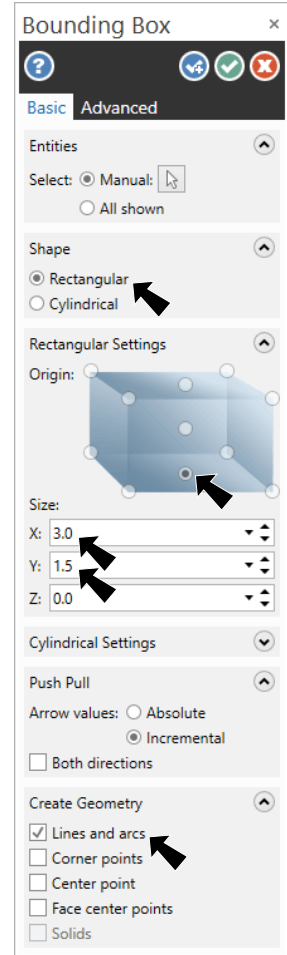



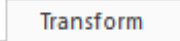
Fig. 5

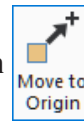
C. Save As "LETTERS"

- Step 1. Click **Save As**  (**Ctrl-Shift-S**) on the Quick Access Toolbar QAT.
- Step 2. Key-in **LETTERS** file name and press ENTER.

D. Move to Origin.

Step 1. Use **F9** to toggle axis display.

Step 2. On the Transform tab  click **Move to Origin**



Step 3. Click **bottom left corner** of rectangle to move Origin to new position, **Fig. 7**.

Step 4. **Right click** the graphics window and click **Fit**



Step 5. **Right click** the graphics window and click **Clear Colors**



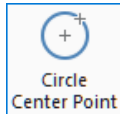
Step 6. Confirm new position of origin, **Fig. 6**.

Step 7. Save  (Ctrl-S).



E. Create Circle For Hole.

Step 1. On the Wireframe tab  click **Circle Center Point**

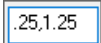


Step 2. In the Circle Center Point function panel:

under **Size**, **Fig. 8**

Diameter **.14** and press **ENTER**

Press **spacebar** to activate **AutoCursor Fast Point** 

Key-in **.25, 1.25**  into Fast Point and press **ENTER** **twice**.

Click **OK** .

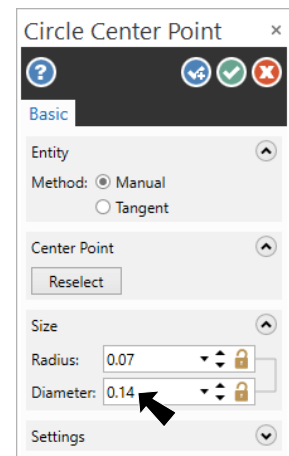


Fig. 8

Step 3. Save  (Ctrl-S).

