

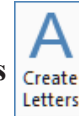
Create Letters

A. Create Letters.

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



Step 2. On the Wireframe tab **WIREFRAME** click **Create Letters**



Step 3. In the Create Letters dialog box:
Confirm **Mastercam (Box) Font**
Lock the caps and key-in letters.
This example uses CUDACOUNTRY letters, **Fig. 1**.

You can use your own letters.
under Parameters

Height .3

Use **chart** determine letter height,
Fig. 2.

2 letters use 1.1

3 letters use 1

CUDACOUNTRY 11 letters use .3

Click OK

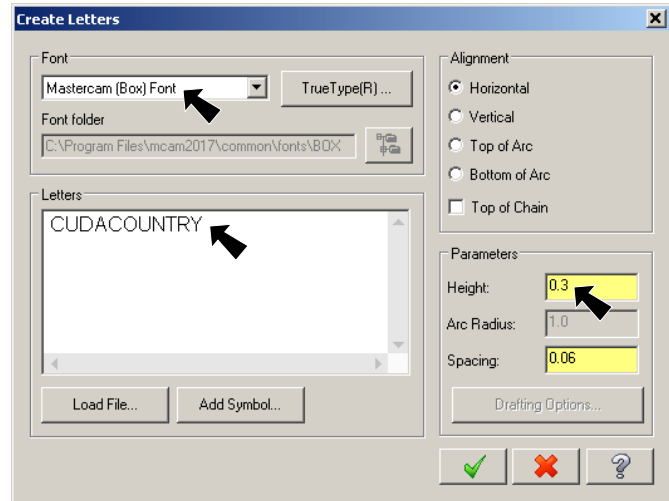


Fig. 1

Step 4. Click in graphics window to place letters, **Fig. 3**.



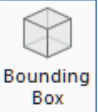
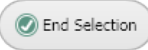
Fig. 3

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

B. Create Bounding Box Point.

- Step 1. On the Wireframe tab **WIREFRAME** click **Bounding Box** .
- Step 2. Use **Ctrl-A** to select all and click **End Selection**  (**ENTER**).
- Step 3. In Bounding Box function panel:
- under Shape, **Fig. 4**
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 .

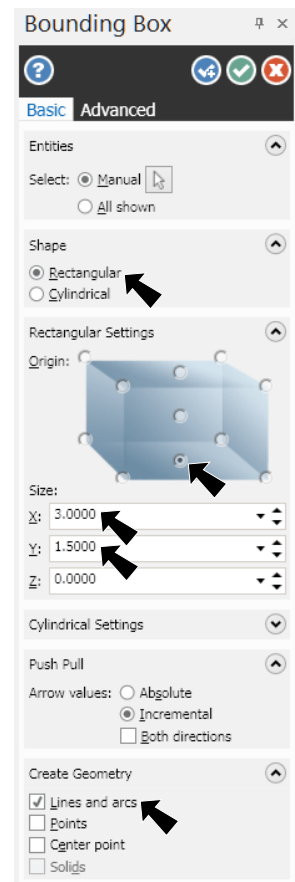


Fig. 4



Fig. 5

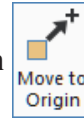
C. Save As “LETTERS”

- 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 **TRANSFORM** click **Move to Origin**



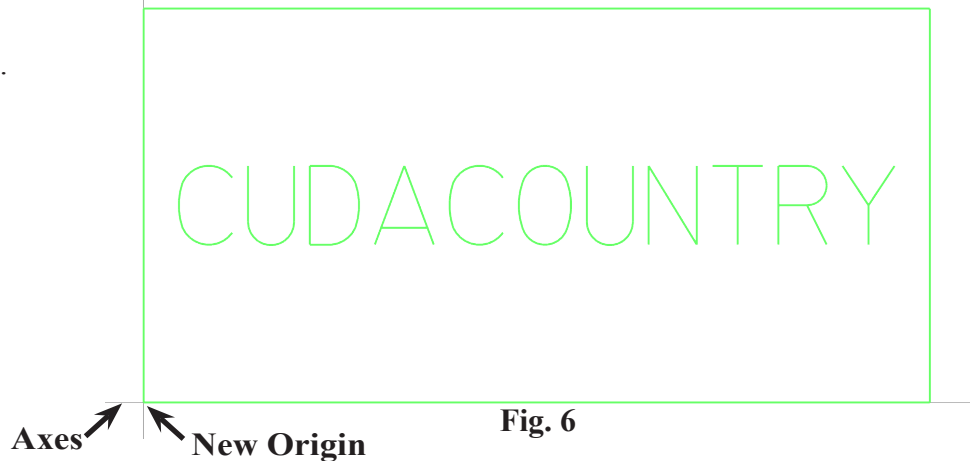
Step 3. Click **bottom left corner** of rectangle to move Origin to new position, **Fig. 6**.

Step 4. **Right click** the graphics window and click **Clear Colors**



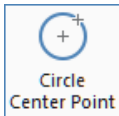
Step 5. Confirm new position of origin, **Fig. 6**.

Step 6. Save  (Ctrl-S).



E. Create Circle For Hole.

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



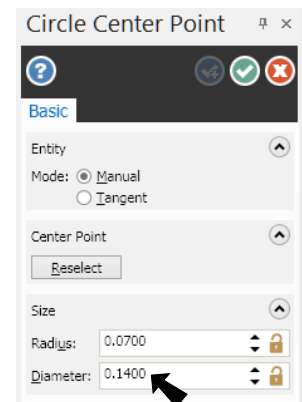
Step 2. In the Circle Center Point function panel:
under Size, **Fig. 7**

Diameter .14 and press ENTER

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

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

Click OK 



Step 3. Save  (Ctrl-S).

