AutoXls table selection management

You can use this function to calculate objects length and area, when the length and area change, the calculating data will update automatically.
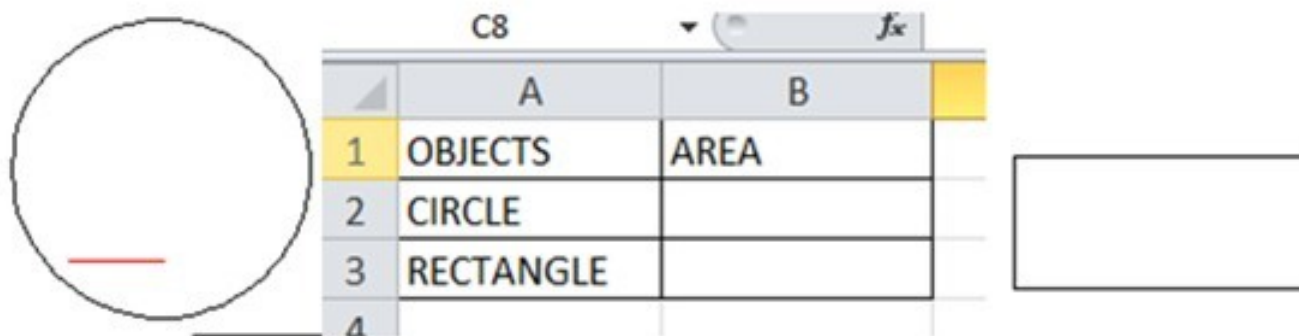
Menu: Express>AutoXlsTable>Selection Management
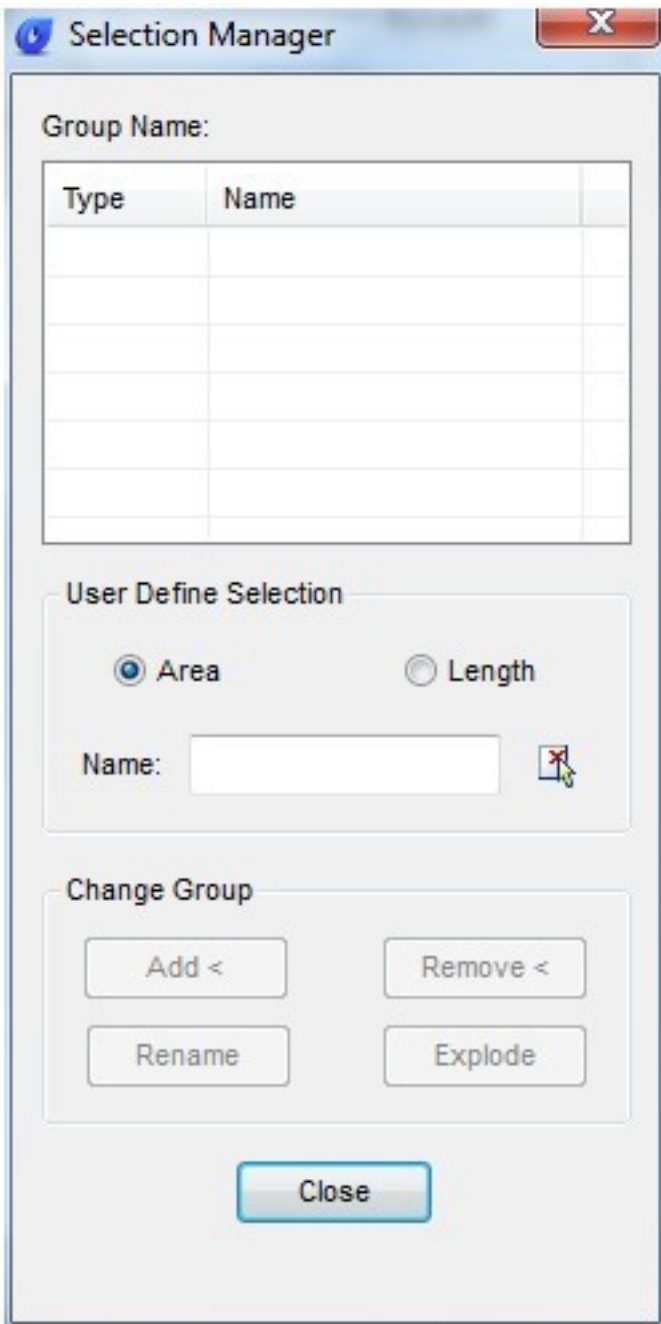Command Entry: CAOT_AUTOXLSTABLE_SELECTION

Purpose:

use the "Selection Management" function to calculate the area of a circle and a rectangle, when length and area change, the calculating data will update automatically.
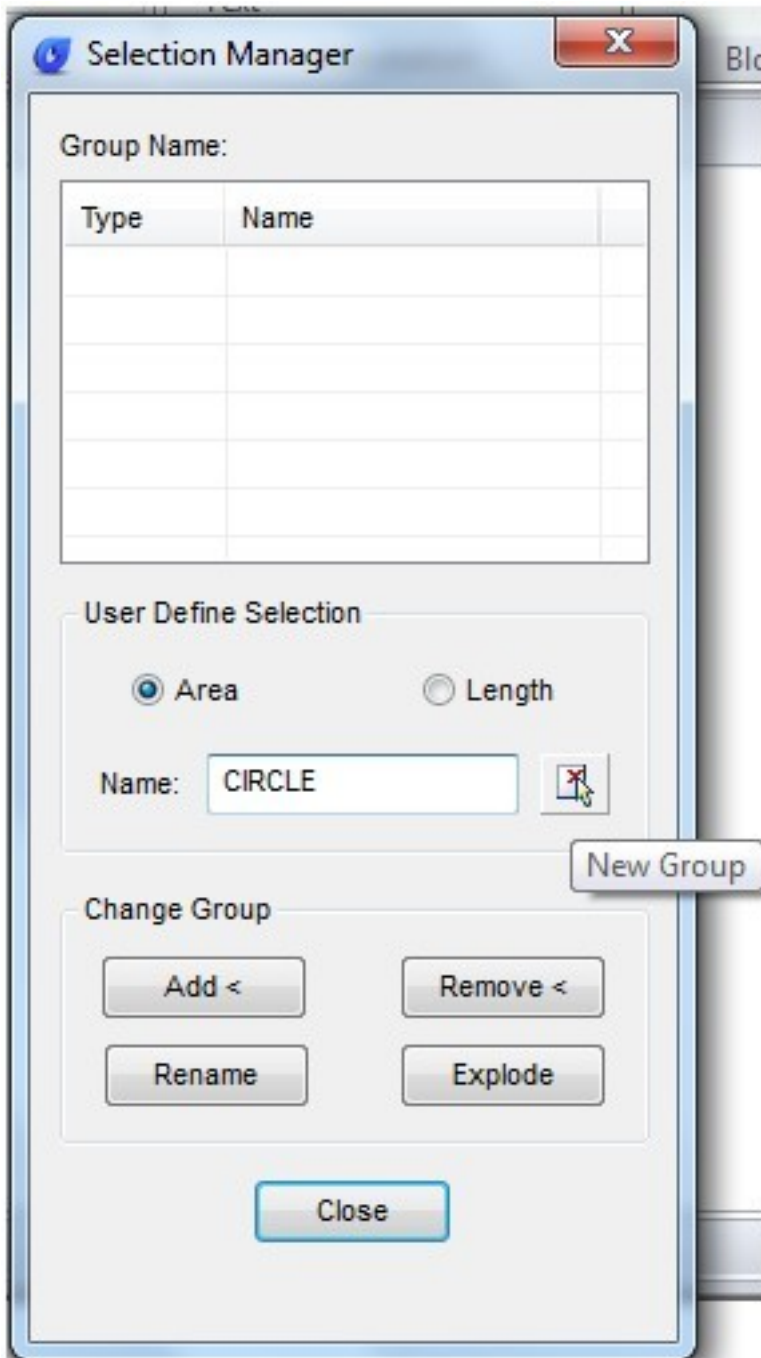
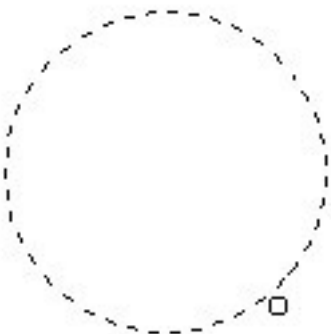1.Draw a circle and a rectangle as below, use the "Create Table" function to create a table as below.

2.Start the "Selection Management" command and a dialog box will pop up as below.
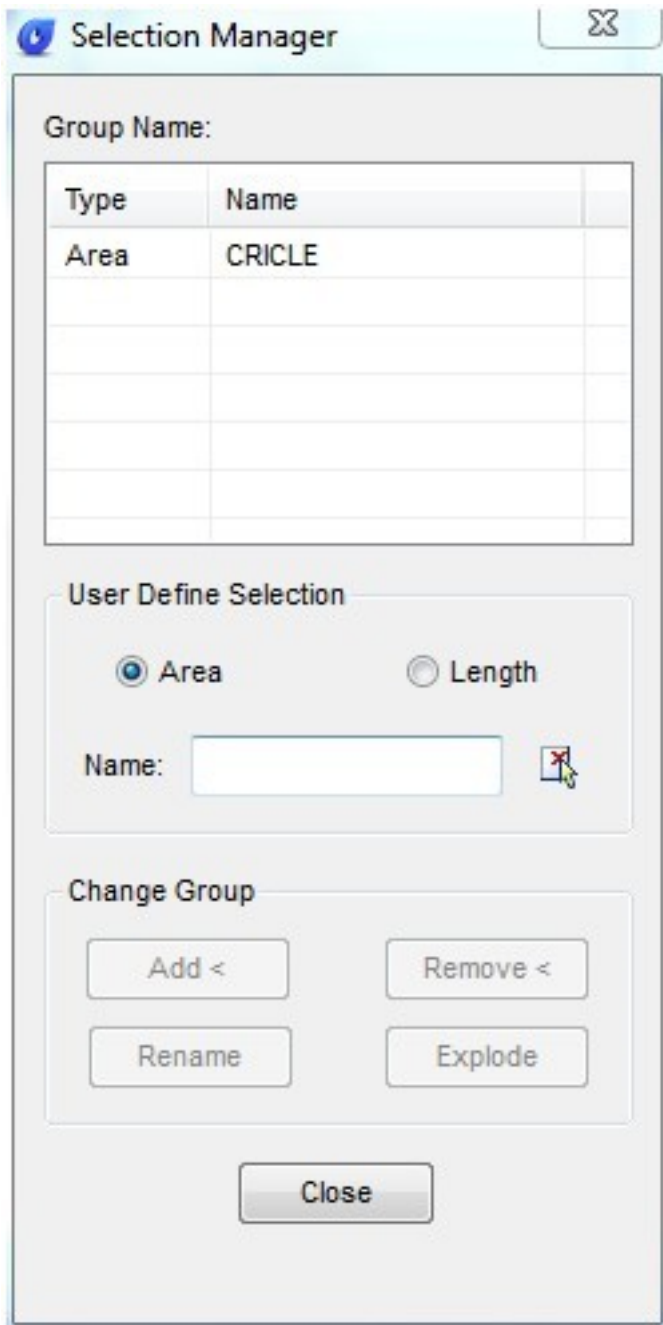
3.Input "CIRCLE" and click the "New Group"button, as shown below.

Selection Manager

Group Name:

Type	Name	

User Define Selection

◉ Area   ○ Length

Name: CIRCLE   [icon]

New Group

Change Group
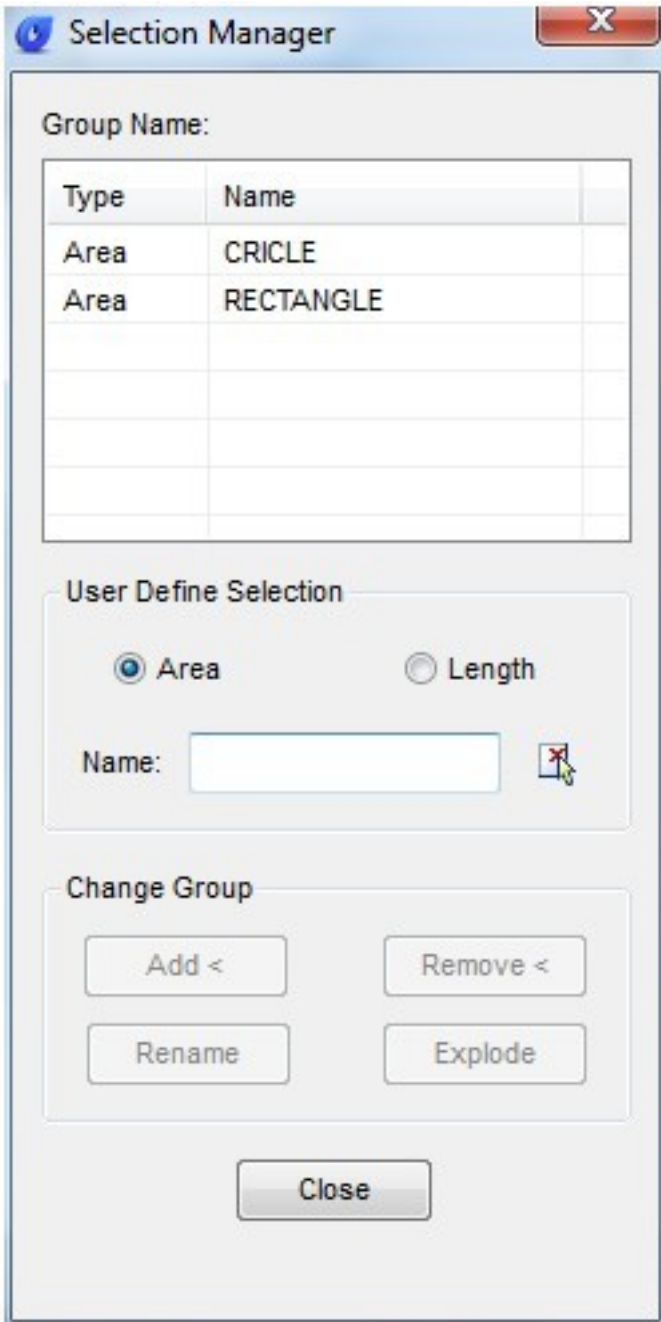
Add <   Remove <

Rename   Explode

Close

4.Select the circle.

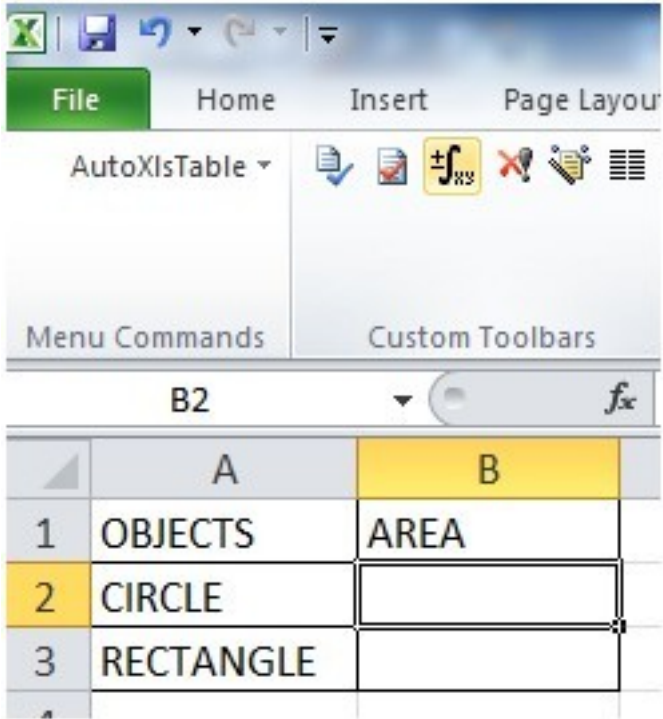5.Press enter, the "Selection Management"dialog box will add a new item "CIRCLE", as shown below.

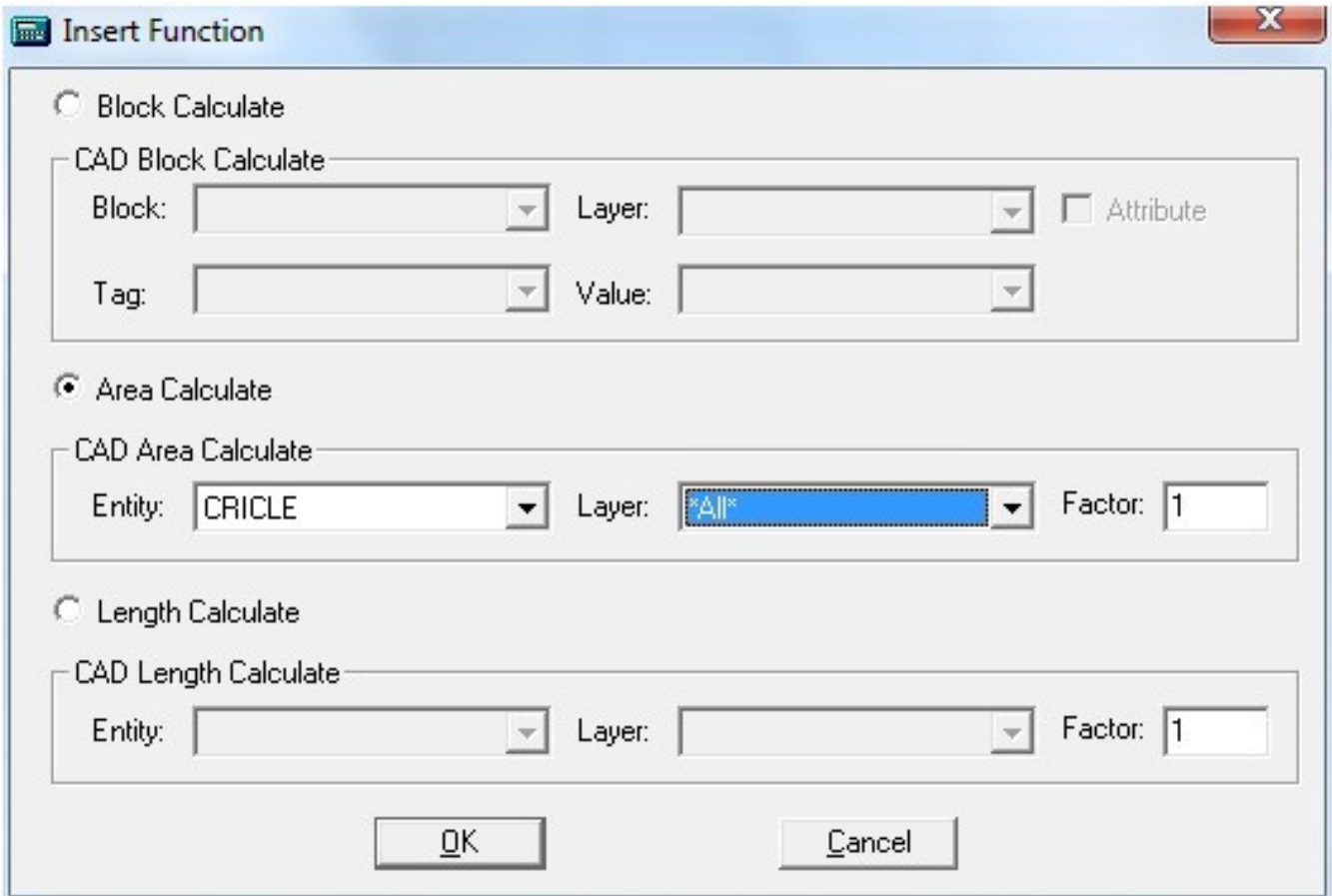6.You can add a "RECTANGLE" item using the same operation as above.

Selection Manager

Group Name:

Type	Name	
Area	CRICLE	
Area	RECTANGLE	

User Define Selection

◉ Area   ○ Length

Name: [   ]

Change Group

Add <	Remove <
Rename	Explode

Close

7.Click "Close" to exit "Selection Management"

8.Use the "Edit Table"command to edit the table.
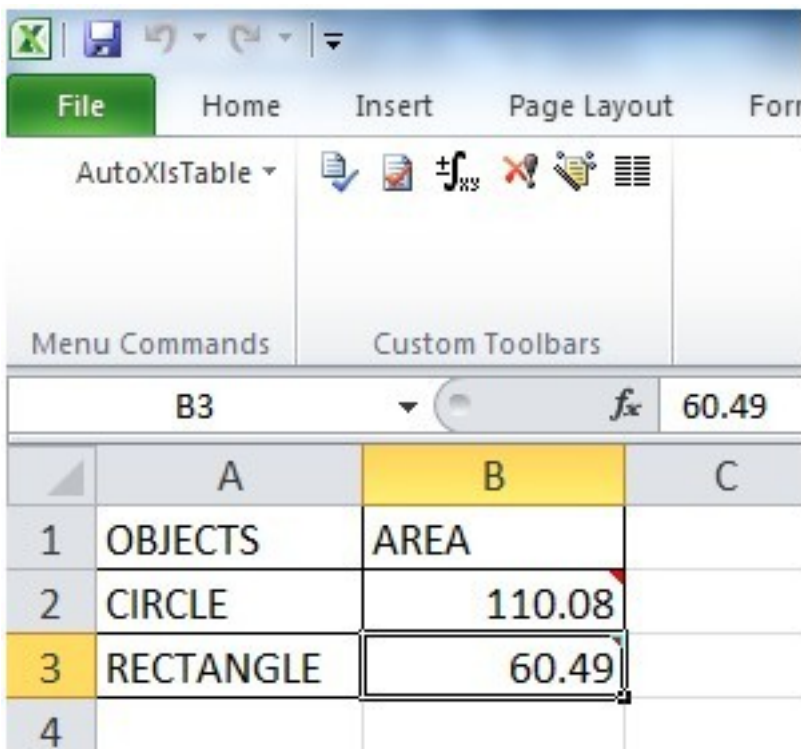
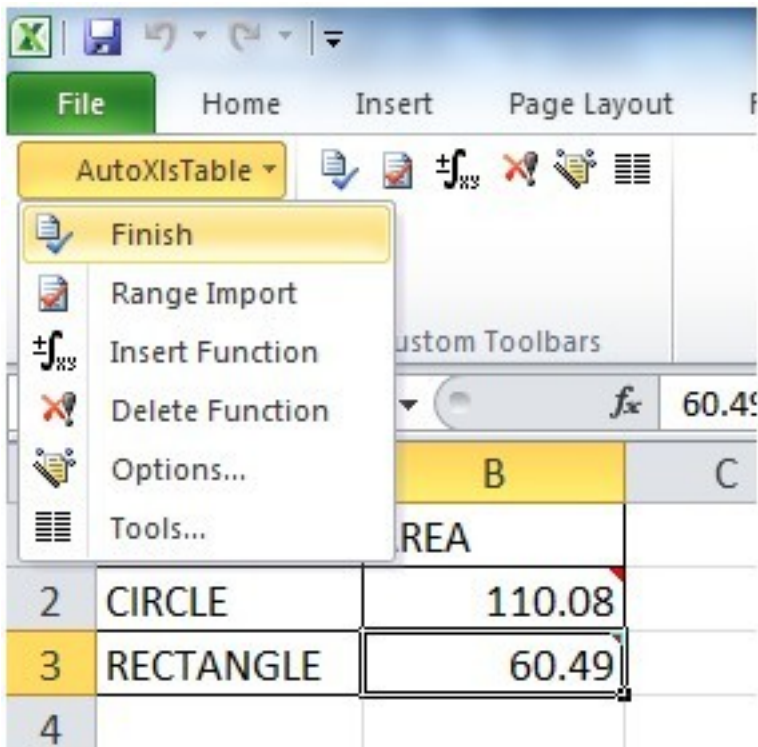9.Click the cell on the right side of "CIRCLE" and click the "Insert Function" icon, as shown below

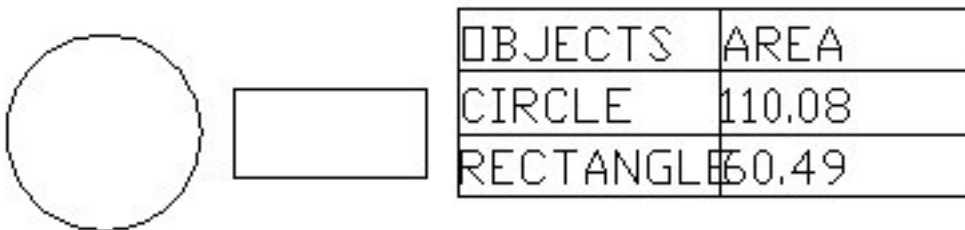10.In the dialog box, you can specify the entity as "CIRCLE", Layer as"All" and click "OK" .

Insert Function

Block Calculate

CAD Block Calculate

Block: [▼] Layer: [▼] ☐ Attribute

Tag: [▼] Value: [▼]

⦿ Area Calculate

CAD Area Calculate

Entity: [CRICLE   ▼] Layer: [*All*   ▼] Factor: [1]

Length Calculate

CAD Length Calculate

Entity: [▼] Layer: [▼] Factor: [1]

[OK]   [Cancel]

11.Use the same operation to insert the rectangle area calculating function, as shown below.

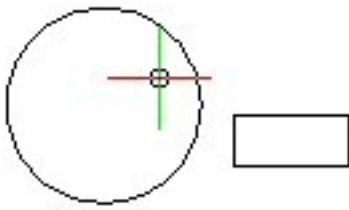|	A	B	C
1	OBJECTS	AREA	
2	CIRCLE	110.08	
3	RECTANGLE	60.49	
4			

12.Click the pull-down menu "Finish" option of AutoXlsTable

13.Back to CAD and the table will calculate the area of the circle and rectangle, as shown below.

14.Scale the rectangle and the table data will change automatically, as shown below.

OBJECTS	AREA
CIRCLE	110.08
RECTANGLE	21.78