



Andhra Pradesh State Skill Development Corporation



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AutoCAD(CIVIL)

Express Tools Part-2

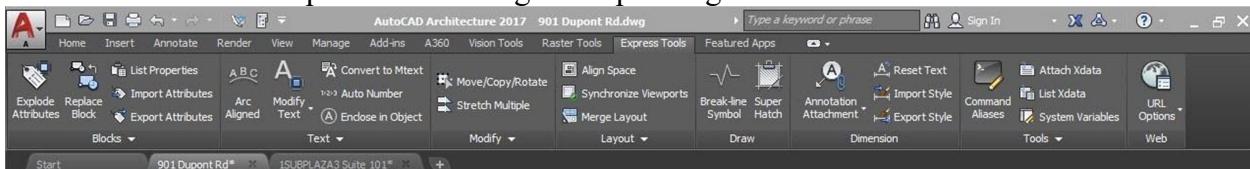


DETAILS OF THE DRAWING EXPRESS TOOLS PART-2

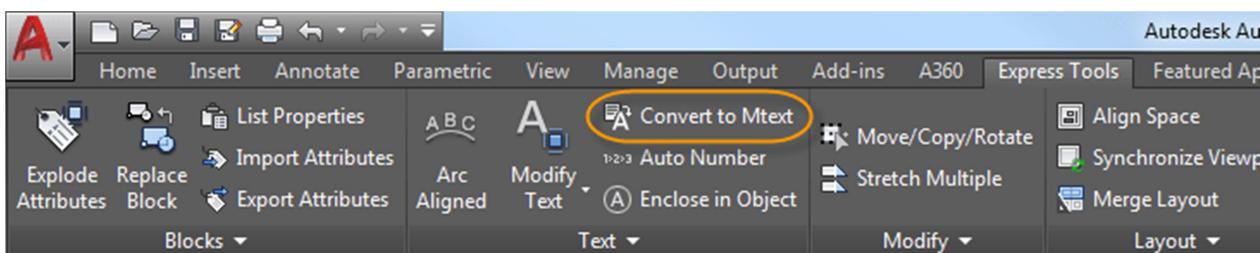
EXPRESS TOOLS

AutoCAD Express Tools is a collection of productivity tools that extend the power of AutoCAD. These tools are provided as a courtesy to you but are unsupported. Autodesk does not assume any responsibility for their successful operation.

You can also access Express Tools using corresponding commands.



CONVERTS TO MTEXT



Use the TXT2MTXT command to convert selected single-line text objects to a multiline text object. You can convert a single line of text to a single line of mtext or convert several lines of text to one mtext object. The TXT2MTXT command is useful whenever you want to apply the advanced formatting and control of mtext to text, such as when updating an older drawing that contains only single-line text.

Express Tools > Text Convert Text to Mtext Type TXT2MTXT

AUTOMATIC TEXT NUMBERING

The TCOUNT command allows you to add sequential numbers to selected mtext, text, and attribute objects. You also have the option of replacing selected text objects or specific characters with sequential numbers. Access the TCOUNT command and pick the objects to number. You can use the order of selection as the numbering sequence. Press [Enter] to access sort options. Pick the X option to sort objects according to their location from left to right and up to down, along the X axis. Pick the Y option to sort objects according to their location from up to down and left to right, along the Y axis. Select the Select-order option to sort according to the order in which you select the objects. Then enter the starting number, a comma [,], and the increment. The default 1, 1 setting begins numbering at 1 and uses all numbers until each object has a number. Next, select the appropriate option to add the number as the Prefix or Suffix, or completely Overwrite the text with the sequential numbers. Another option is to use the Find Replace.. option to enter a value to replace all instances of that value with sequential numbers.

Express Tools > Text Automatic Text Numbering Type TCOUNT.

ENCLOSE TEXT WITH OBJECT

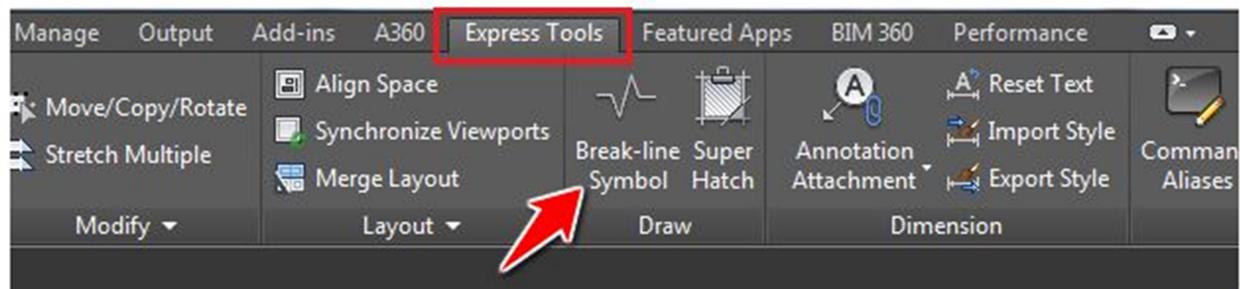
Access the TCIRCLE command to place a circle, slot, or rectangle around one or more mtext, text, or attribute objects. Pick the text objects to enclose and then enter the distance offset factor, which defines the amount of space from the text to the enclosure based on text height. For example, if text is .5" high, a distance offset factor of 1 will create a .5" offset. Next, select the



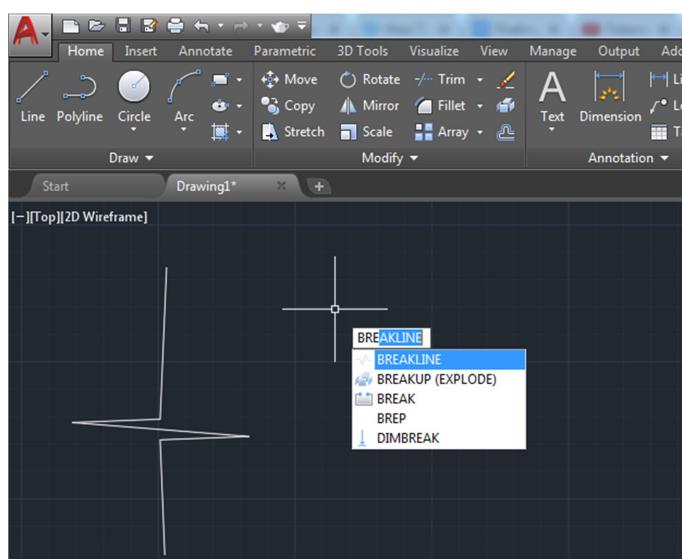
appropriate option to draw a circle, slot, or rectangle around the text. Select the Variable option for most applications to create the enclosure and exit the command.
Express Tools > Text Enclose Text with Object Type TCIRCLE.

BREAK-LINE SYMBOL

By definition, a Break line in AutoCAD is a polyline in which a break line symbol is incorporated. Such a line may be manually created using the LINE command or most conveniently created using the BREAKLINE command.



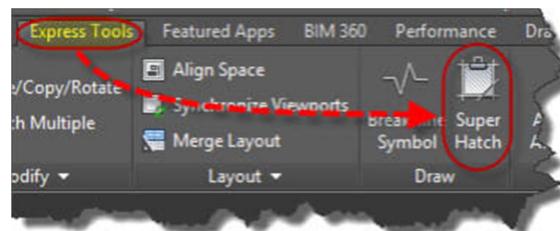
How to create a Break line in AutoCAD



To create a Break line in AutoCAD

- Type **BREAKLINE** and press on the ENTER key on your keyboard
- Specify the starting point of the Break line
- Specify the ending point of the Break line
- Specify the location of the break symbol

SUPER HATCH





The SUPERHATCH command provides an easy way to use an image, block, external reference (xref), or wipeout to create a hatch pattern. The SUPERHATCH command is convenient because it does not require you to create a PAT file to apply a custom hatch pattern. Access the SUPERHATCH command to display the Super Hatch dialogue box. If the drawing contains the image, block, xref, or wipeout you want to use as a hatch pattern, pick the Select existing button and then select the appropriate object. If the drawing does not include the object, pick a button to locate the corresponding item to use as a hatch pattern. Select the Image... button to access the Select Reference File dialog box, where you can choose an image file, such as a JPG or TIF file. Pick the Block... button to access the Super Hatch - Insert dialog box. From the Super Hatch - Insert dialog box, choose the Block... button to locate a block in the current file, or pick the File... button to select a drawing file to use as the block. Adjust insertion parameters on-screen or deselect the check box to preset insertion parameters. Select the Xref Attach... button of the Super Hatch dialog box to access the Select Reference File dialog box, where you can choose a drawing file. Pick the Wipeout... button to select a wipeout object.

