

ATTDEF command

1974 GstarCAD MY /KW April 15, 2022 [CAD Commands](#) 0 1304

The **ATTDEF** command is used to save data attribute definition in block.

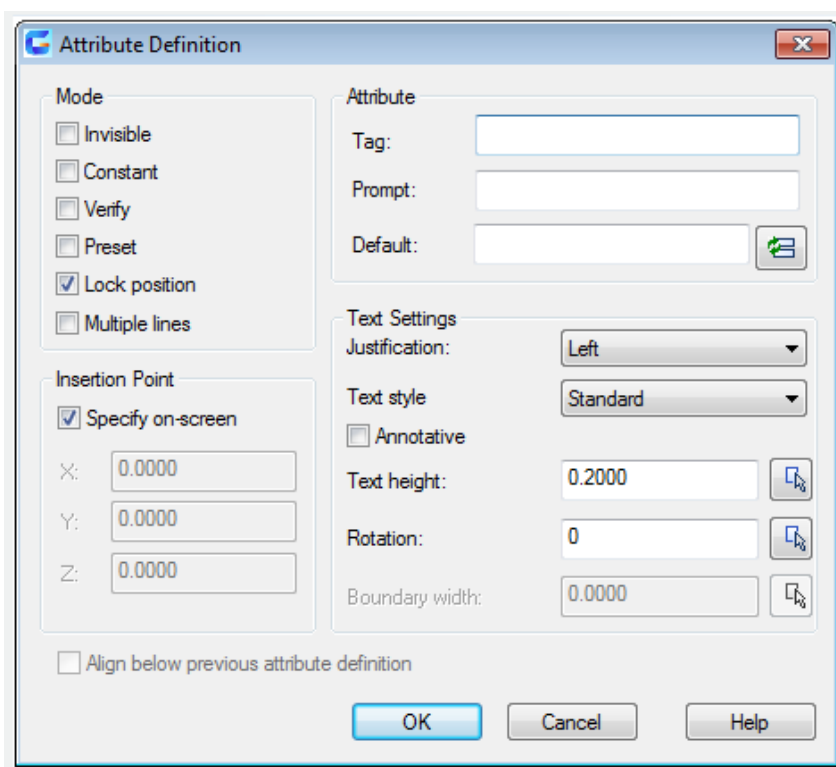
Command Access:

Ribbon : Home > Block > Define Attribute

Ribbon : Insert > Block Definition > Define Attribute

Menu : Draw > Block > Define Attributes...

Command : ATTDEF (display Attribute Definition dialog box), -ATTDEF (display command line prompts)



Mode:

When inserting a block, it is used to set associative attribute value for it. The default value is saved in AFLAGS system variable. Users could change the default mode of new attribute value by changing AFLAGS value, but the current attribute definition will remain unchanged..

Relative Glossary:

Invisible:

Checking the Invisible option, the attribute value will not be displayed or printed when inserting a block. The ATTDISP could replace the Invisible mode.

Constant:

Checking the Constant option, it will assign a constant value for attribute value.

Verify:

Checking the Verify option, it will prompt to verify the attribute value when inserting a block.

Preset:

Checking the Preset option, it will set the attribute value to be default when inserting a block with preset attribute.

Lock position:

Checking the Lock position option, it will lock the attribute location in block reference. After unlocked, the attribute could be moved relative to other parts of block. The block could be edited by grips. The attribute of Mtext could also be adjusted.

Multiple lines:

The specified attribute value could contain Mtext. Checking the Multiple lines option, the width of boundary of attribute could be specified

Attribute:

Specify the attribute value.

Relative Glossary:**Tag:**

Make tags for attributes displaying in a drawing. Input the tag with any combining characters except space. Lowercases will automatically change into uppercases.

Prompt:

Display the prompt when inserting a block with attribute definition. Without inputting prompt, the attribute tag will be used as prompt. Checking the Constant option under Mode, the Prompt option will be disabled.

Default:

Specify the default attribute value.

“Insert Field” button:

Display the Insert Field dialog box. Users could insert a field as an attribute or one part of attribute.

Annotative:

Specify the attribute to be annotative. If the block is annotative, its attribute will be matched with block.

Text height:

Specify the attribute text height. Inputting a value or selecting “Height” to specify it by pointing device. The height is a measured value from original point to specified position. If selected a text style with a fixed height (nonzero) or selected “Align” option in “Justification” list, the Text Height option will be disabled.

Rotation:

Specify the attribute text rotation angle. Inputting a value or selecting “Rotate” to specify it by pointing device. The rotation angle is a measured value from original point to specified position. If selected “Align” or “Fit” option, the Rotation option will be disabled.

Boundary width:

Word wrap to next line. Specify the maximum length of one line in Mtext attribute. The value 0.000 means there is no restriction of text length in one line. This option is not suitable for single text.

Align below previous attribute definition:

Align the attribute tag below previous attribute definition. If there is no created attribute definition, this option is disabled.

Related tutorial video:

- [Attdef command](#) 01:01
- [Block command](#) 02:28
- [Xplode command](#) 02:46
- [Insert command](#) 03:13
- [Eattedit command](#) 03:39

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