
Chapter 27

Dimension Styles

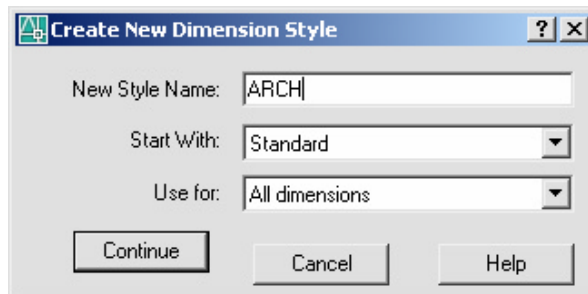
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Creating Dimension Styles 27.1

1. **Choose** Format, Dimension Style...
or
2. **Choose** Dimension, Style.
or
3. **Choose** Dimension Style icon from the Dimension Style toolbar.



4. **Type** DDIM at the command prompt
Command:**DDIM**
5. **Choose** New... from the dialog box.
6. **Create** a new style from the existing styles.



7. **Click** the Continue button.

TIP:

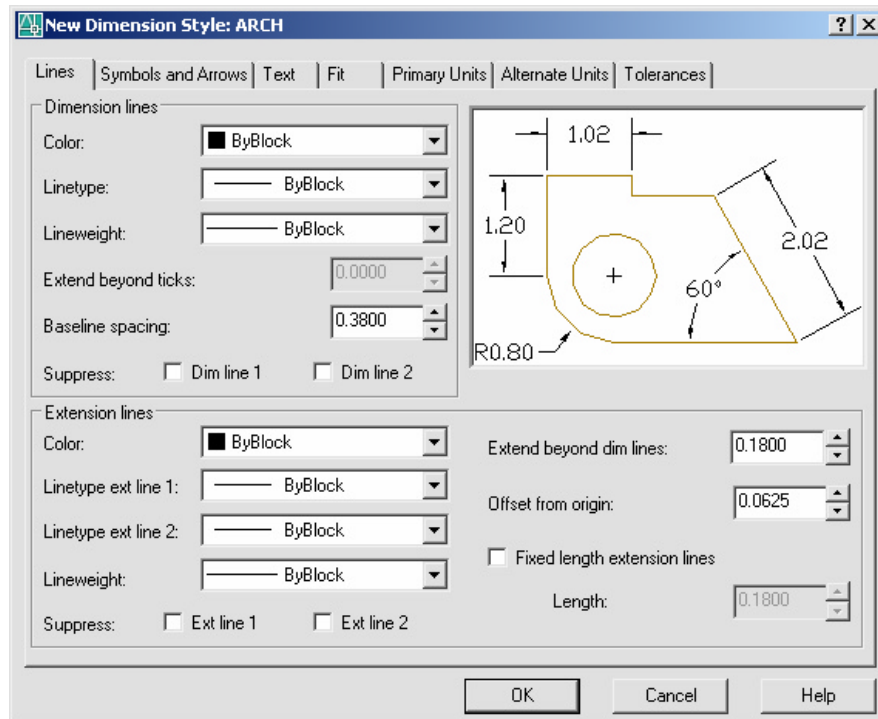
All dimension variables except for DIMSHO and DIMASO can be saved as a style.

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Lines 27.2

Edits Dimension Lines, Extension Lines, and Arrows.

1. **Pick** the Lines and Arrows tab from the Dimension Variables and Styles dialog box.

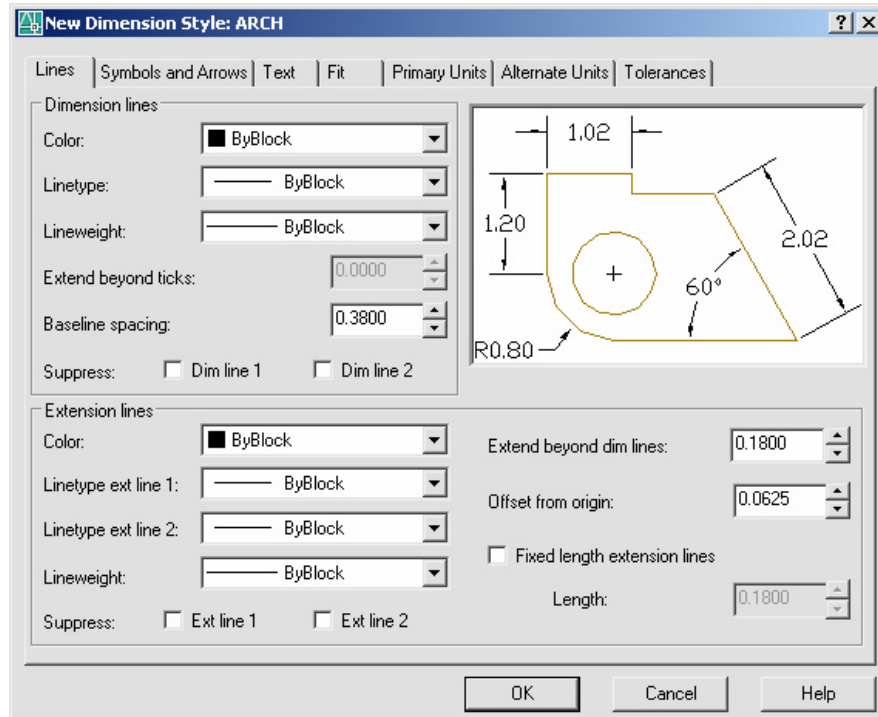


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Symbols and Arrows 27.3

Edits Dimension Lines, Extension Lines, and Arrows.

1. **Pick** the Lines and Arrows tab from the Dimension Variables and Styles dialog box.

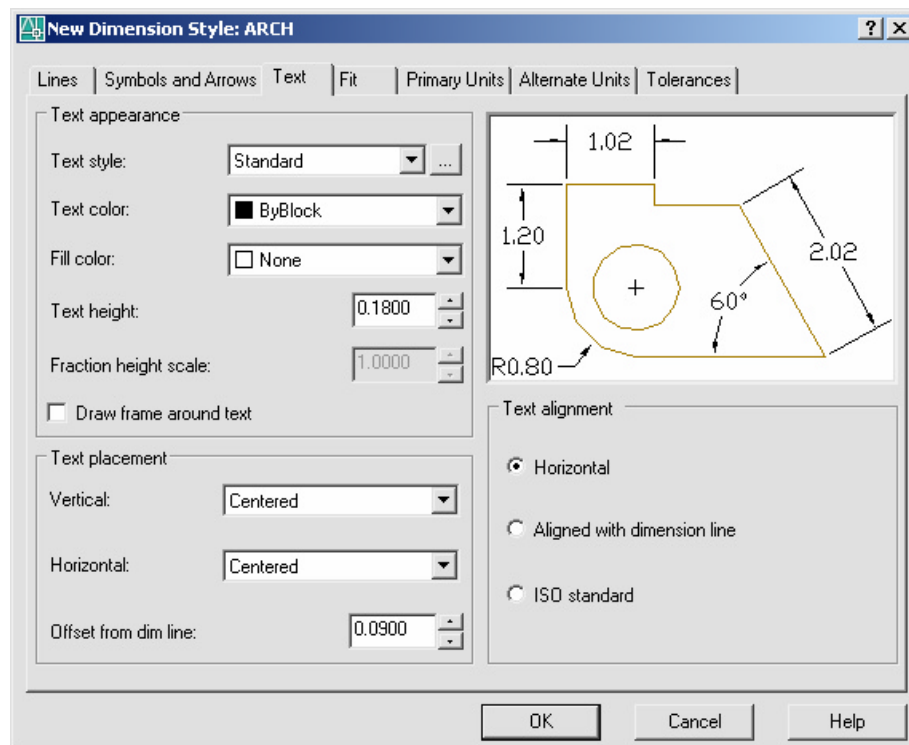


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Text 27.4

Edits Text Appearance, Text Placement and Text Alignment.

1. **Pick** the Text tab from the Dimension Variables and Styles dialog box.

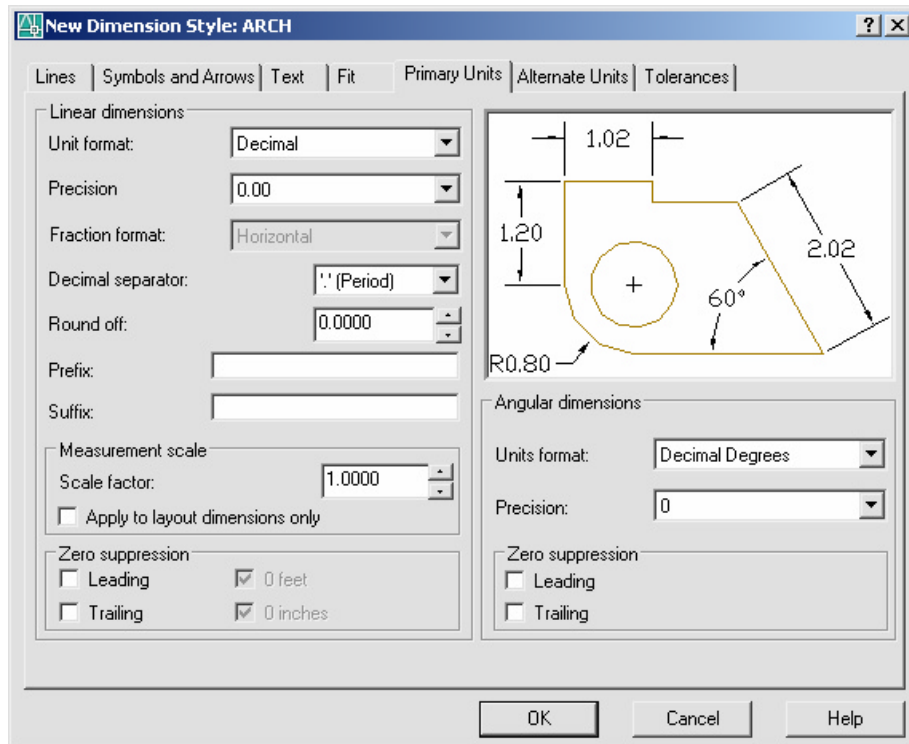


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Primary Units 27.5

Edits Unit options for dimension's primary units.

1. **Pick** the PRIMARY UNIT tab from the Dimension Variables and Styles dialog box.

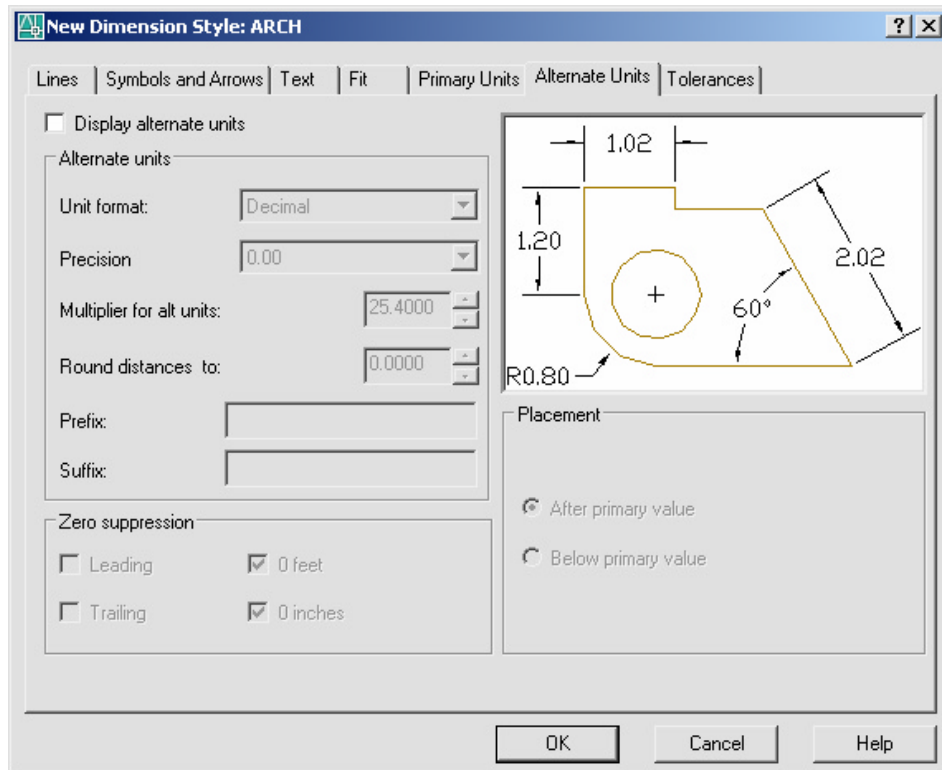


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Alternate Units 27.6

Edits Unit options for dimension's alternate units.

1. **Pick** the ALTERNATE UNIT tab from the Dimension Variables and Styles dialog box.

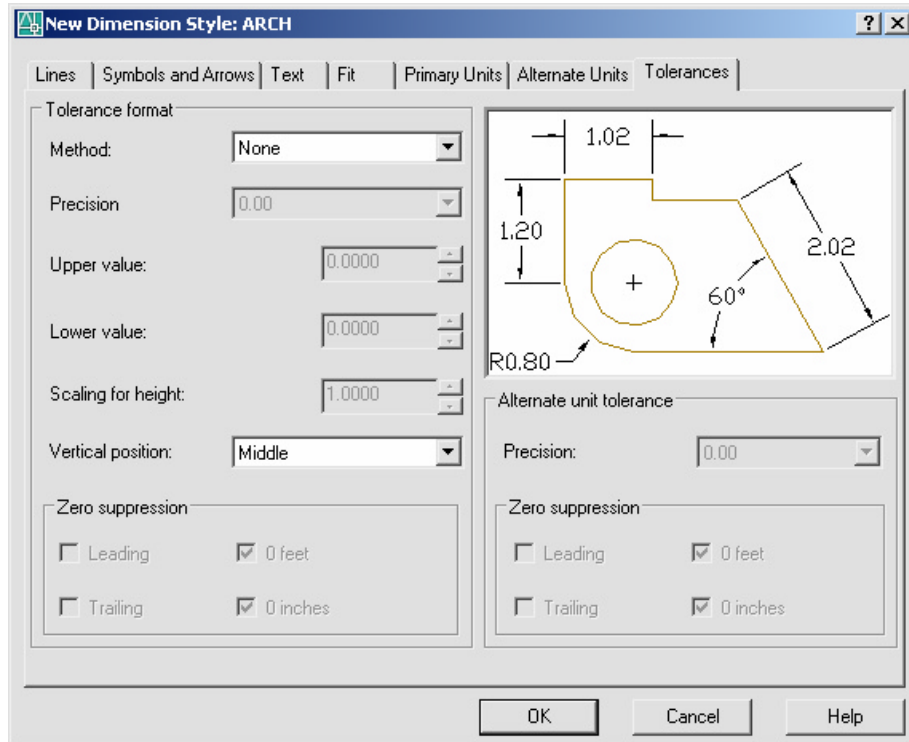


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Tolerances 27.7

Edits Unit options for tolerances.

1. **Pick** the TOLERANCES tab from the Dimension Variables and Styles dialog box.

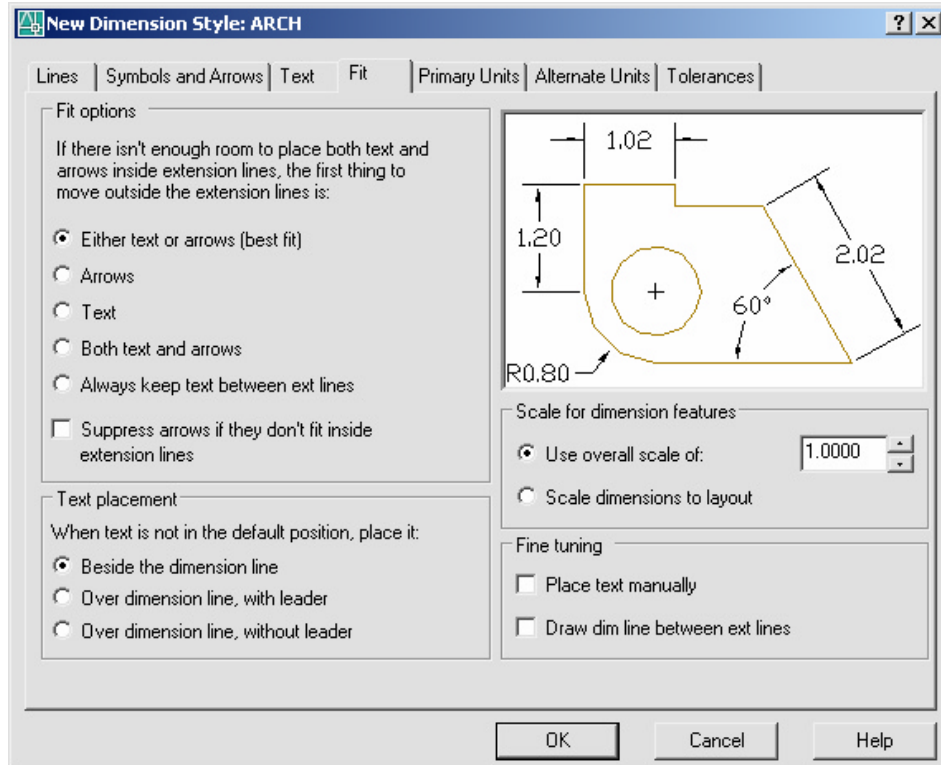


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Fit and Dimscale 27.8

Edits Unit options for fitting dimensions and dimension scales.

1. **Pick** the FIT tab from the Dimension Variables and Styles dialog box.



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Typing Dimension Variables 27.9

1. **Type** **SETVAR** at the command prompt.

Command: **SETVAR**

Enter variable name or [?]: ?

Enter variable(s) to list <*>: **dim***

DIMADEC	0
DIMALT	OFF
DIMALTD	2
DIMALTF	25.4000
DIMALTRND	0.0000
DIMALTTD	2
DIMALTTZ	0
DIMALTU	2
DIMALTZ	0
DIMAPOST	""
DIMASO	ON
DIMASSOC	1
DIMASZ	0.1800
DIMATFIT	3
DIMAUNIT	0
DIMAZIN	0
DIMBLK	"ArchTick"
DIMBLK1	""
DIMBLK2	""
DIMCEN	0.0900
DIMCLRD	0
DIMCLRE	0
DIMCLRT	5
DIMDEC	1
DIMDLE	0.1250
DIMDLI	0.5000

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DIMDSEP	","	
DIMEXE	0.1800	
DIMEXO	0.1250	
DIMFIT	3	
DIMFRAC	0	
DIMGAP	0.0900	
DIMJUST	0	
DIMLDRBLK	"Open90"	
DIMLFAC	1.0000	
DIMLIM	OFF	
DIMLUNIT	4	
DIMLWD	-2	
DIMLWE	-2	
DIMPOST	""	
DIMRND	0.0000	
DIMSAH	OFF	
DIMSCALE	1.0000	
DIMSD1	OFF	
DIMSD2	OFF	
DIMSE1	OFF	
DIMSE2	OFF	
DIMSHO	ON	
DIMSOXD	OFF	
DIMSTYLE	"ARCH"	(read only)
DIMTAD	1	
DIMTDEC	1	
DIMTFAC	1.0000	
DIMTIH	ON	
DIMTIX	OFF	
DIMTM	0.0000	
DIMTMOVE	0	

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DIMTOFL	OFF
DIMTOH	ON
DIMTOL	OFF
DIMTOLJ	1
DIMTP	0.0000
DIMTSZ	0.0000
DIMTVP	0.0000
DIMTXSTY	"Standard"
DIMTXT	0.1800
DIMTZIN	0
DIMUNIT	4
DIMUPT	OFF
DIMZIN	0

Dimension Override & Update 27.10

1. **Choose** Dimension, Override.
2. **Type** a dimension setting to change (i.e. DIMSE1 which suppresses the first extension line).
Command: **_dimoverride**
Enter dimension variable name to override or [Clear overrides]: **dimse1**
3. **Set** the new value.
Enter new value for dimension variable <Off>: **on**
4. **Press** enter.
5. **Pick** the dimension to override.