

AutoCAD Dimension Style

AutoCAD: Dimension Style

File Management

- Open Previous: ACAD II
- Save–As: ACAD V-Styles

Layer Properties



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• Use appropriate colors for the display background

Dimensions: Home | Annotation

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- Dimensions
 - Linear
 - Aligned
 - Angular
 - Arc Length
 - Radius
 - Diameter
 - Other

Dimensions: Annotate | Dimensions



Dimension Styles

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- Dimension Style
 - Modify
 - New
 - Override
- Control
 - Precision
 - Scale
 - Center marks
 - Command: d

AutoCAD: Dimension Style

Linear Dimension:

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- Start
- End
- Placement
 - Use Object Snaps

Dimension Style - Precision

Modify Dimension Style: Standard	X
Lines Symbols and Arrows Text Fit Primary Units	Alternate Units Tolerances
Linear dimensions Unit format Precision Fraction format: Decimal separator: Round off. Prefix:	+ 60° R0.80
Suffix: Measurement scale Scale factor: Apply to layout dimensions only	Angular dimensions
Zero suppression Leading Trailing Sub-units factor: V 0 feet 100.0000 V 0 inches Sub-unit suffix: V 0 inches	Units format Decimal Degrees Precision: Zero suppression Leading Trailing
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Styles:	Preview of: Standard	
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List:	Description	
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Don't list styles in Xrefs		

- Dimension Style Manager
 - Modify
- Modify Dimension Style Standard
 - Primary Units
 - Precision: 0.00



AutoCAD: Dimension Style

Dimension Style – Dimension Scale

 Either text or arrows (best fit) Arrows Text Both text and arrows Always keep text between ext lines Suppress arrows if they don't fit inside extension lines Text placement When text is not in the default position, place it Beside the dimension line Over dimension line, with leader Over dimension line, without leader 	1.1955 2.0207
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- Dim Style Manager:
 - Modify
- Modify Dimension Style Standard
 - Fit
 - Overall Scale: .5



AutoCAD: Dimension Style



Dimension - Radial

es Symbols and Arrows Text Fit Primary	Units Alternate Units Tolerances
Arrowheads First	Arc length symbol Arc length symbol Preceding dimension text None Radius jog dimension Jog angle: 45 Linear jog dimension Jog height factor: 1,5000
	OK Cancel Help



- Dimension: Radius Dim Style Modify
 - Symbols and Arrows
 - Center marks: none

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AutoCAD: Dimension Style



Final Drawing

15ר0.50 -0.25 0.13-Jim Shahan **TSM 216** 9/2/2012 ACAD IV - Dimension Styles Update other dimensions LWT 4.00 **Recommended Practice:** Create a top view 0.75 typ **Completely Dimension** -0.75---0.75 typ

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Practice: Ortho views



AutoCAD: Dimension Style