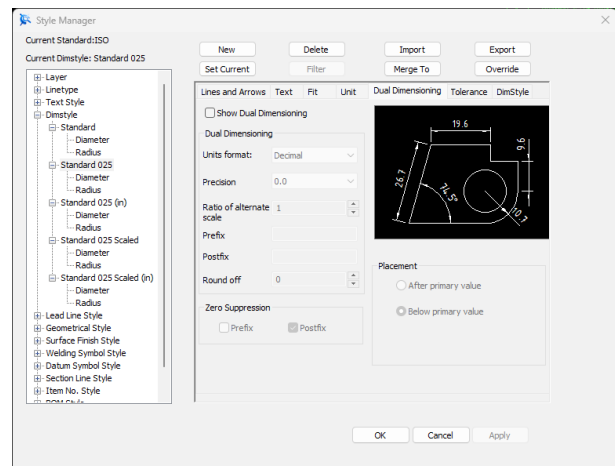
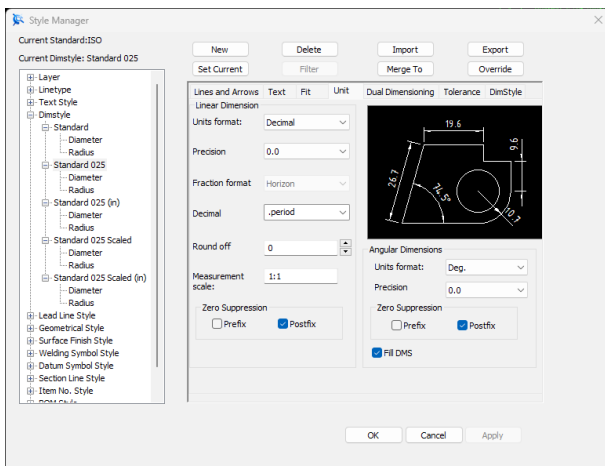
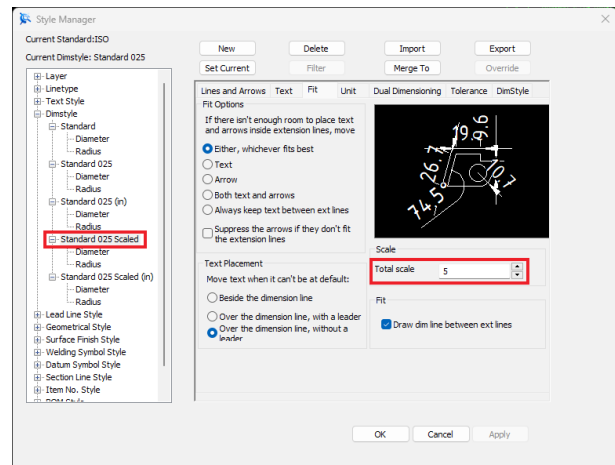
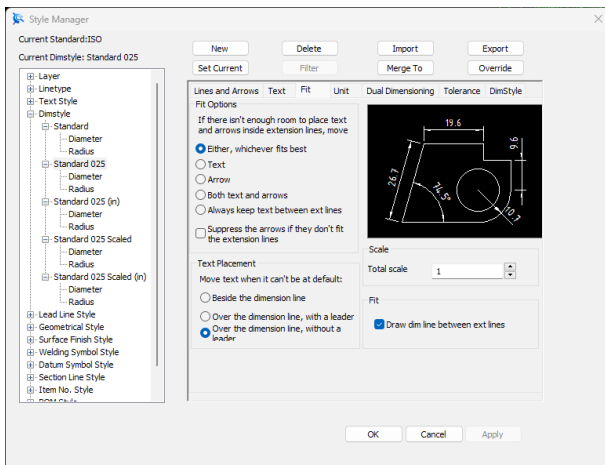
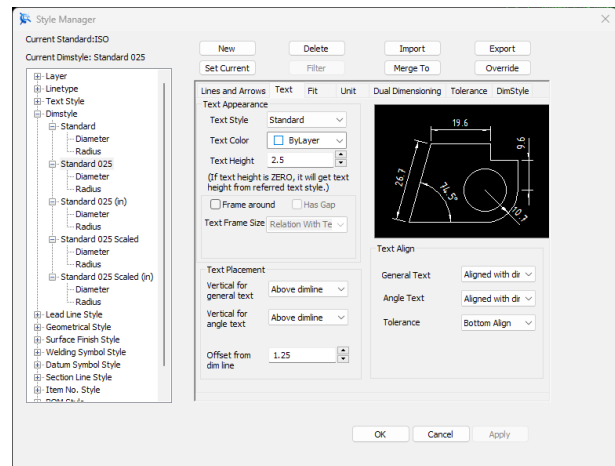
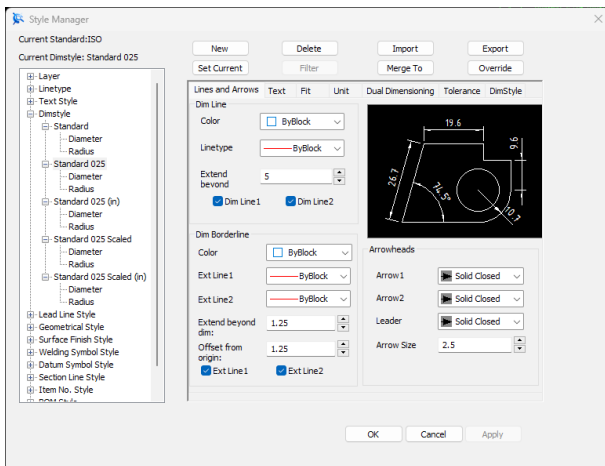
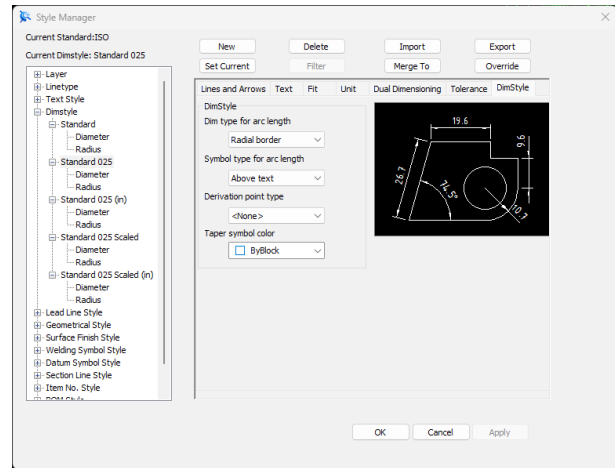
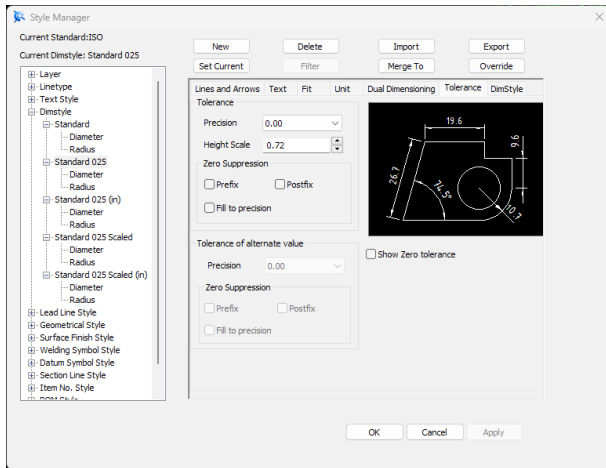


IRONCAD (CAXA) DRAFT - DIMENSION STYLES

The following images are of the “Style Manager” dialog box. This is where “Styles” can be created and edited for use with Geometry and Annotations within the drawing. Note that “Styles” are saved with the current Drawing (or Template), and are not Global Settings.

Note that regarding “Multiline Text Leaders”, these are considered as a type of “Dimension”. As a result, they will use the current Dimension Style.



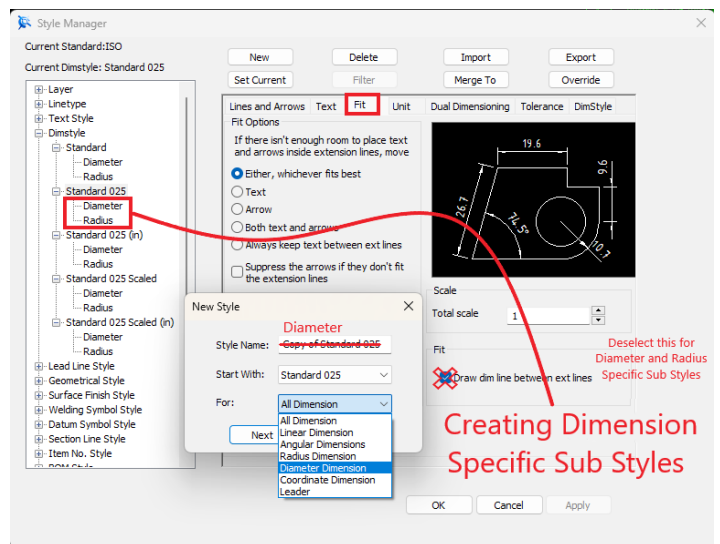


Within Dimension Styles it's possible to create dimension type specific Sub Styles.

We use Sub Styles for diameter and radius dimensions, where we don't want the "Dimension Line" to be displayed.

To create a Sub Style, select the Parent Style and click the "New" button. In the drop-down dialog box ComboBox select the type of dimension that this Sub Style is to be used for.

When the Parent Style (Standard 025) is set to current, the Sub Styles within it will be applied to their dimension types.



The setting used for the "Standard" style are the same as those of the "Standard 025" style.

Lines and Arrows	Standard 025	Standard 025 (in)	Standard 025 Scaled	Standard 025 Scaled (in)
Arrow 1	Closed Filled	Closed Filled	Closed Filled	Closed Filled
Arrow 2	Closed Filled	Closed Filled	Closed Filled	Closed Filled
Arrow Size (mm)	2.5	2.5	2.5	2.5
Dim Line 1	Yes	Yes	Yes	Yes
Dim Line 2	Yes	Yes	Yes	Yes
Dim Line Colour	ByBlock	ByBlock	ByBlock	ByBlock
Dim Line Ext (mm)	5	5	5	5

Dim Line Linetype	ByBlock	ByBlock	ByBlock	ByBlock
<i>Dim Line Lineweight</i>	<i>ByLayer</i>	<i>ByLayer</i>	<i>ByLayer</i>	<i>ByLayer</i>
Ext Line 1	Yes	Yes	Yes	Yes
Ext Line 2	Yes	Yes	Yes	Yes
Ext Line Colour	ByBlock	ByBlock	ByBlock	ByBlock
Ext Line Ext (mm)	1.25	1.25	1.25	1.25
Ext Line Linetype 1	ByBlock	ByBlock	ByBlock	ByBlock
Ext Line Linetype 2	ByBlock	ByBlock	ByBlock	ByBlock
<i>Ext Line Lineweight</i>	<i>ByLayer</i>	<i>ByLayer</i>	<i>ByLayer</i>	<i>ByLayer</i>
Ext Line Offset (mm)	1.25	1.25	1.25	1.25
Leader Arrow	Closed Filled	Closed Filled	Closed Filled	Closed Filled

Text	Standard 025	Standard 025 (in)	Standard 025 Scaled	Standard 025 Scaled (in)
Text Align Angular	Dim Line	Dim Line	Dim Line	Dim Line
Text Align Linear	Dim Line	Dim Line	Dim Line	Dim Line
Text Align Tolerance	Bottom	Bottom	Bottom	Bottom
Text Colour	ByLayer	ByLayer	ByLayer	ByLayer
Text Frame (Frame around)	No	No	No	No
Text Frame Offset (Has gap)	No	No	No	No
Text Frame Size	Text Height	Text Height	Text Height	Text Height
Text Height (mm)	2.5	2.5	2.5	2.5
Text Offset (Offset from dim line)	1.25	1.25	1.25	1.25
<i>Text Position Horizontal</i>	-	-	-	-
Text Position Vertical Angular	Above	Above	Above	Above
Text Position Vertical Linear	Above	Above	Above	Above
Text Style	Standard	Standard	Standard	Standard

Fit	Standard 025	Standard 025 (in)	Standard 025 Scaled	Standard 025 Scaled (in)
Arrows and Text Fit	Best Fit	Best Fit	Best Fit	Best Fit
Arrows Suppression (Suppress the arrows if they)	No	No	No	No
Dim Line Between Ext Lines	Yes	Yes	Yes	Yes
Dim Scale Overall (Total Scale)	1	1	5	5
Text Placement	Without Leader	Without Leader	Without Leader	Without Leader

Unit	Standard 025	Standard 025 (in)	Standard 025 Scaled	Standard 025 Scaled (in)
Dim Decimal Separator (Decimal)	.period	.period	.period	.period
Dim Fraction Format	Slant	Slant	Slant	Slant
Dim Precision Angular	0.0	0.0	0.0	0.0
Dim Precision Angular Fill DMS (Fill DMS)	Yes	Yes	Yes	Yes
Dim Precision Linear	0.0	0.0	0.0	0.0
<i>Dim Prefix</i>	-	-	-	-
Dim Round	0	0	0	0
Dim Scale Linear (Measurement scale)	1	1	1	1
<i>Dim Suffix</i>	-	-	-	-
Dim Suppress Zero Prefix Angular (Zero suppression prefix)	No	No	No	No
Dim Suppress Zero Prefix Linear (Zero suppression prefix)	No	No	No	No
Dim Suppress Zero Suffix Angular (Zero suppression postfix)	Yes	Yes	Yes	Yes
Dim Suppress Zero Suffix Linear (Zero suppression postfix)	Yes	Yes	Yes	Yes
Dim Units Angular (Units format)	Deg	Deg	Deg	Deg
Dim Units Linear (Units format)	Decimal	Decimal	Decimal	Decimal

Dual Dimensioning	Standard 025	Standard 025 (in)	Standard 025 Scaled	Standard 025 Scaled (in)
Dual Position (Placement after or below)	-	Below	-	Below
Dual Precision Linear (Precision)	-	1/128	-	1/128
Dual Prefix (Prefix)	-	-	-	-
Dual Round (Round Off)	-	0	-	0
Dual Scale Factor (Ratio of alternate scale)	-	0.0393701	-	0.0393701
Dual Suffix (Postfix)	-	-	-	-
Dual Suppress Zero Prefix (Zero suppression prefix)	-	No	-	No
Dual Suppress Zero Suffix (Zero suppression postfix)	-	Yes	-	Yes
Dual Units Enabled (Show dual dimensioning)	No	Yes	No	Yes
Dual Units Linear (Units format)	-	Fraction Stack	-	Fraction Stack

Tolerance	Standard 025	Standard 025 (in)	Standard 025 Scaled	Standard 025 Scaled (in)
<i>Tolerance Alignment (See Text / Text Align Tolerance)</i>	-	-	-	-
Tolerance Display Zero (Show Zero Tolerance)	No	No	No	No
Tolerance Precision	0.00	0.00	0.00	0.00
Tolerance Precision Dual	-	0.00	-	0.00
Tolerance Precision Fill (Fill to precision)	No	No	No	No
Tolerance Precision Fill Dual (Fill to precision)	No	No	No	No
Tolerance Suppress Zero Prefix (Zero suppression prefix)	No	No	No	No
Tolerance Suppress Zero Prefix Dual (Zero suppression prefix)	-	No	-	No

Tolerance Suppress Zero Suffix (Zero suppression postfix)	No	No	No	No
Tolerance Suppress Zero Suffix Dual (Zero suppression postfix)	-	No	-	No
Tolerance Text Height Scale (Height Scale)	0.72 (1.8/2.5)	0.72 (1.8/2.5)	0.72 (1.8/2.5)	0.72 (1.8/2.5)

DimStyle	Standard 025	Standard 025 (in)	Standard 025 Scaled	Standard 025 Scaled (in)
Defpoint Type (Derivation point type)	None	None	None	None
Dim Type for Arc Length	Radial	Radial	Radial	Radial
Symbol Type for Arc Length	Above	Above	Above	Above
Taper Symbol Colour	ByBlock	ByBlock	ByBlock	ByBlock

IRONCAD (CAXA) DRAFT - DIMENSION STYLES

Lines and Arrows	Standard 035	Standard 035 (in)	Standard 035 Scaled	Standard 035 Scaled (in)
Arrow 1	Closed Filled	Closed Filled	Closed Filled	Closed Filled
Arrow 2	Closed Filled	Closed Filled	Closed Filled	Closed Filled
Arrow Size (mm)	3.5	3.5	3.5	3.5
Dim Line 1	Yes	Yes	Yes	Yes
Dim Line 2	Yes	Yes	Yes	Yes
Dim Line Colour	ByBlock	ByBlock	ByBlock	ByBlock
Dim Line Ext (mm)	7	7	7	7
Dim Line Linetype	ByBlock	ByBlock	ByBlock	ByBlock
<i>Dim Line Lineweight</i>	<i>ByLayer</i>	<i>ByLayer</i>	<i>ByLayer</i>	<i>ByLayer</i>
Ext Line 1	Yes	Yes	Yes	Yes
Ext Line 2	Yes	Yes	Yes	Yes
Ext Line Colour	ByBlock	ByBlock	ByBlock	ByBlock
Ext Line Ext (mm)	1.75	1.75	1.75	1.75
Ext Line Linetype 1	ByBlock	ByBlock	ByBlock	ByBlock
Ext Line Linetype 2	ByBlock	ByBlock	ByBlock	ByBlock
<i>Ext Line Lineweight</i>	<i>ByLayer</i>	<i>ByLayer</i>	<i>ByLayer</i>	<i>ByLayer</i>
Ext Line Offset (mm)	1.75	1.75	1.75	1.75
Leader Arrow	Closed Filled	Closed Filled	Closed Filled	Closed Filled

Text	Standard 035	Standard 035 (in)	Standard 035 Scaled	Standard 035 Scaled (in)
Text Align Angular	Dim Line	Dim Line	Dim Line	Dim Line
Text Align Linear	Dim Line	Dim Line	Dim Line	Dim Line
Text Align Tolerance	Bottom	Bottom	Bottom	Bottom
Text Colour	ByLayer	ByLayer	ByLayer	ByLayer
Text Frame (Frame around)	No	No	No	No
Text Frame Offset (Has gap)	No	No	No	No
Text Frame Size	Text Height	Text Height	Text Height	Text Height
Text Height (mm)	3.5	3.5	3.5	3.5

Text	Standard 035	Standard 035 (in)	Standard 035 Scaled	Standard 035 Scaled (in)
Text Align Angular	Dim Line	Dim Line	Dim Line	Dim Line
Text Offset (Offset from dim line)	1.75	1.75	1.75	1.75
<i>Text Position Horizontal</i>	-	-	-	-
Text Position Vertical Angular	Above	Above	Above	Above
Text Position Vertical Linear	Above	Above	Above	Above
Text Style	Standard	Standard	Standard	Standard

Fit	Standard 035	Standard 035 (in)	Standard 035 Scaled	Standard 035 Scaled (in)
Arrows and Text Fit	Best Fit	Best Fit	Best Fit	Best Fit
Arrows Suppression (Suppress the arrows if they)	No	No	No	No
Dim Line Between Ext Lines	Yes	Yes	Yes	Yes
Dim Scale Overall (Total Scale)	1	1	5	5
Text Placement	Without Leader	Without Leader	Without Leader	Without Leader

Unit	Standard 035	Standard 035 (in)	Standard 035 Scaled	Standard 035 Scaled (in)
Dim Decimal Separator (Decimal)	.period	.period	.period	.period
Dim Fraction Format	Slant	Slant	Slant	Slant
Dim Precision Angular	0.0	0.0	0.0	0.0
Dim Precision Angular Fill DMS (Fill DMS)	Yes	Yes	Yes	Yes
Dim Precision Linear	0.0	0.0	0.0	0.0
<i>Dim Prefix</i>	-	-	-	-
Dim Round	0	0	0	0
Dim Scale Linear (Measurement scale)	1	1	1	1
<i>Dim Suffix</i>	-	-	-	-
Dim Suppress Zero Prefix Angular (Zero suppression prefix)	No	No	No	No
Dim Suppress Zero Prefix Linear (Zero suppression prefix)	No	No	No	No

Unit	Standard 035	Standard 035 (in)	Standard 035 Scaled	Standard 035 Scaled (in)
Dim Decimal Separator (Decimal)	.period	.period	.period	.period
Dim Suppress Zero Suffix Angular (Zero suppression postfix)	Yes	Yes	Yes	Yes
Dim Suppress Zero Suffix Linear (Zero suppression postfix)	Yes	Yes	Yes	Yes
Dim Units Angular (Units format)	Deg	Deg	Deg	Deg
Dim Units Linear (Units format)	Decimal	Decimal	Decimal	Decimal

Dual Dimensioning	Standard 035	Standard 035 (in)	Standard 035 Scaled	Standard 035 Scaled (in)
Dual Position (Placement after or below)	-	Below	-	Below
Dual Precision Linear (Precision)	-	1/128	-	1/128
Dual Prefix (Prefix)	-	-	-	-
Dual Round (Round Off)	-	0	-	0
Dual Scale Factor (Ratio of alternate scale)	-	0.0393701	-	0.0393701
Dual Suffix (Postfix)	-	-	-	-
Dual Suppress Zero Prefix (Zero suppression prefix)	-	No	-	No
Dual Suppress Zero Suffix (Zero suppression postfix)	-	Yes	-	Yes
Dual Units Enabled (Show dual dimensioning)	No	Yes	No	Yes
Dual Units Linear (Units format)	-	Fraction Stack	-	Fraction Stack

Tolerance	Standard 035	Standard 035 (in)	Standard 035 Scaled	Standard 035 Scaled (in)
<i>Tolerance Alignment (See Text / Text Align Tolerance)</i>	-	-	-	-
Tolerance Display Zero	No	No	No	No

Tolerance	Standard 035	Standard 035 (in)	Standard 035 Scaled	Standard 035 Scaled (in)
<i>Tolerance Alignment</i> (See Text / Text Align Tolerance)	-	-	-	-
(Show Zero Tolerance)				
Tolerance Precision	0.00	0.00	0.00	0.00
Tolerance Precision Dual	-	0.00	-	0.00
Tolerance Precision Fill (Fill to precision)	No	No	No	No
Tolerance Precision Fill Dual (Fill to precision)	No	No	No	No
Tolerance Suppress Zero Prefix (Zero suppression prefix)	No	No	No	No
Tolerance Suppress Zero Prefix Dual (Zero suppression prefix)	-	No	-	No
Tolerance Suppress Zero Suffix (Zero suppression postfix)	No	No	No	No
Tolerance Suppress Zero Suffix Dual (Zero suppression postfix)	-	No	-	No
Tolerance Text Height Scale (Height Scale)	0.7143 (2.5/3.5)	0.7143 (2.5/3.5)	0.7143 (2.5/3.5)	0.7143 (2.5/3.5)

DimStyle	Standard 035	Standard 035 (in)	Standard 035 Scaled	Standard 035 Scaled (in)
Defpoint Type (Derivation point type)	None	None	None	None
Dim Type for Arc Length	Radial	Radial	Radial	Radial
Symbol Type for Arc Length	Above	Above	Above	Above
Taper Symbol Colour	ByBlock	ByBlock	ByBlock	ByBlock

The “Auto Layer Rule” in Options should be set to place these annotations onto these layers.

Layer Name	Colour				
	ACI	Name	R	G	B
Standard Annotations 025	3	Green	0	255	0
Standard Annotations 035	4	Cyan	0	255	255

CAXA places Defpoints (Definition Points) onto the same layer as the dimension.