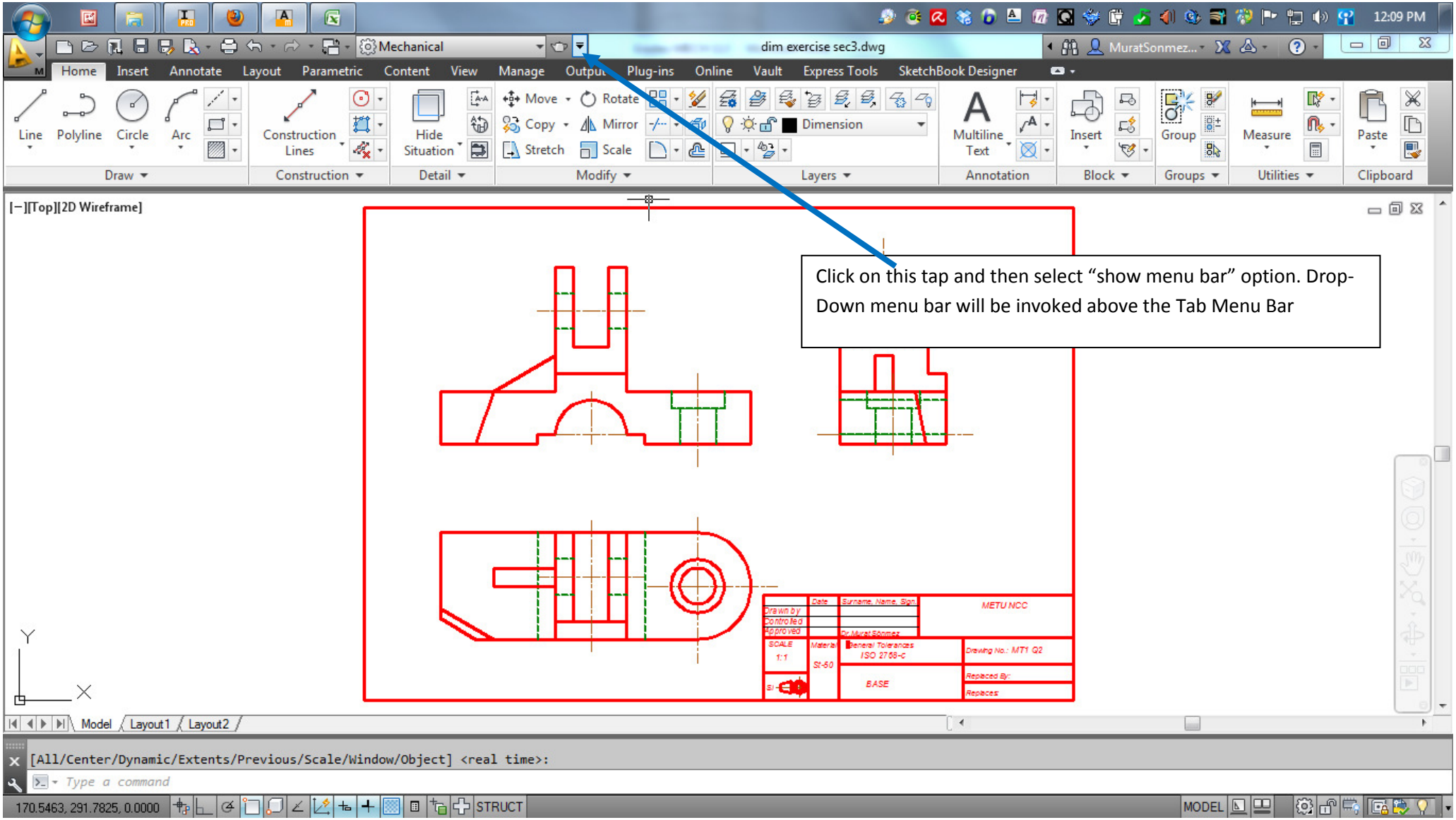
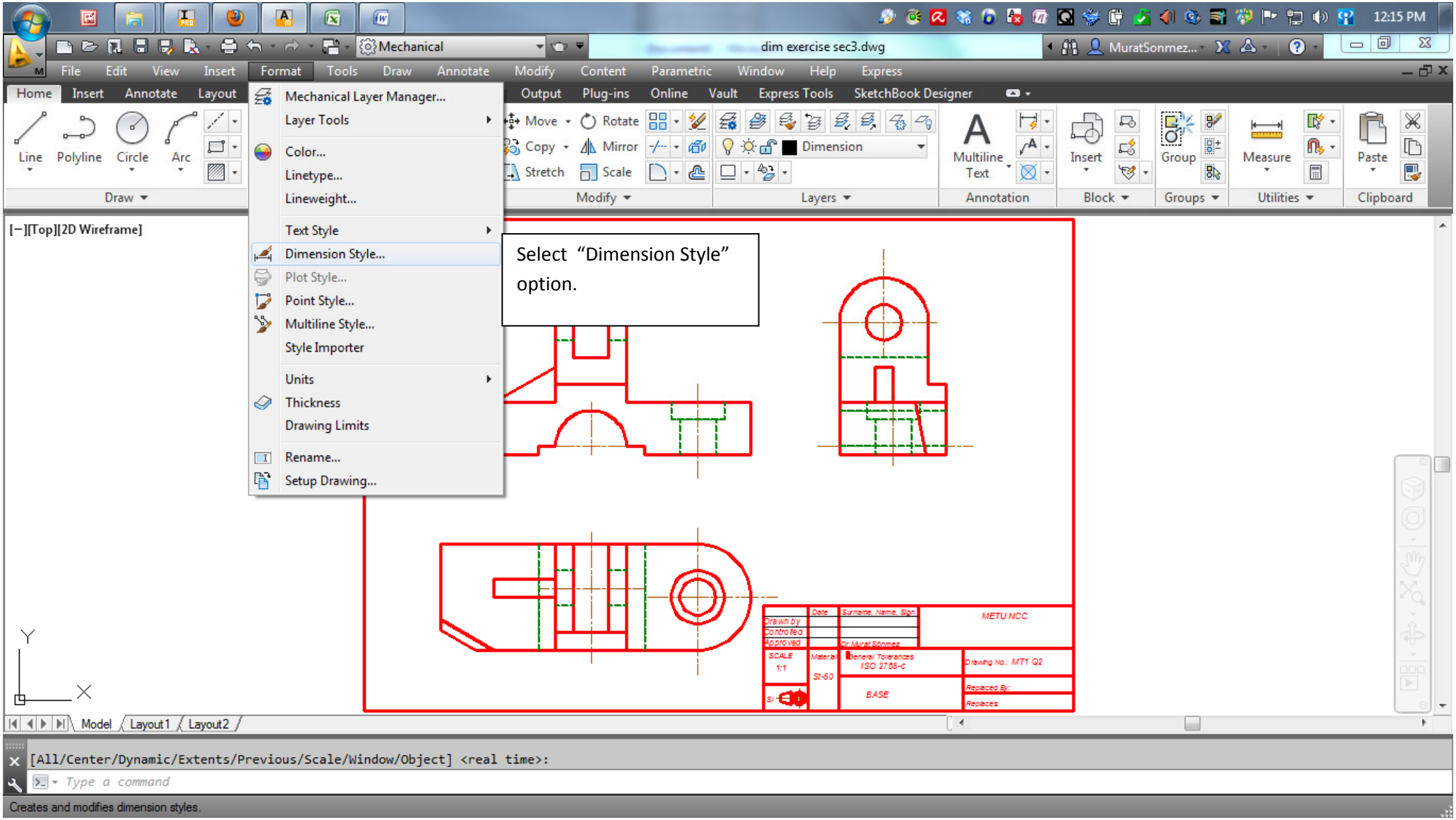
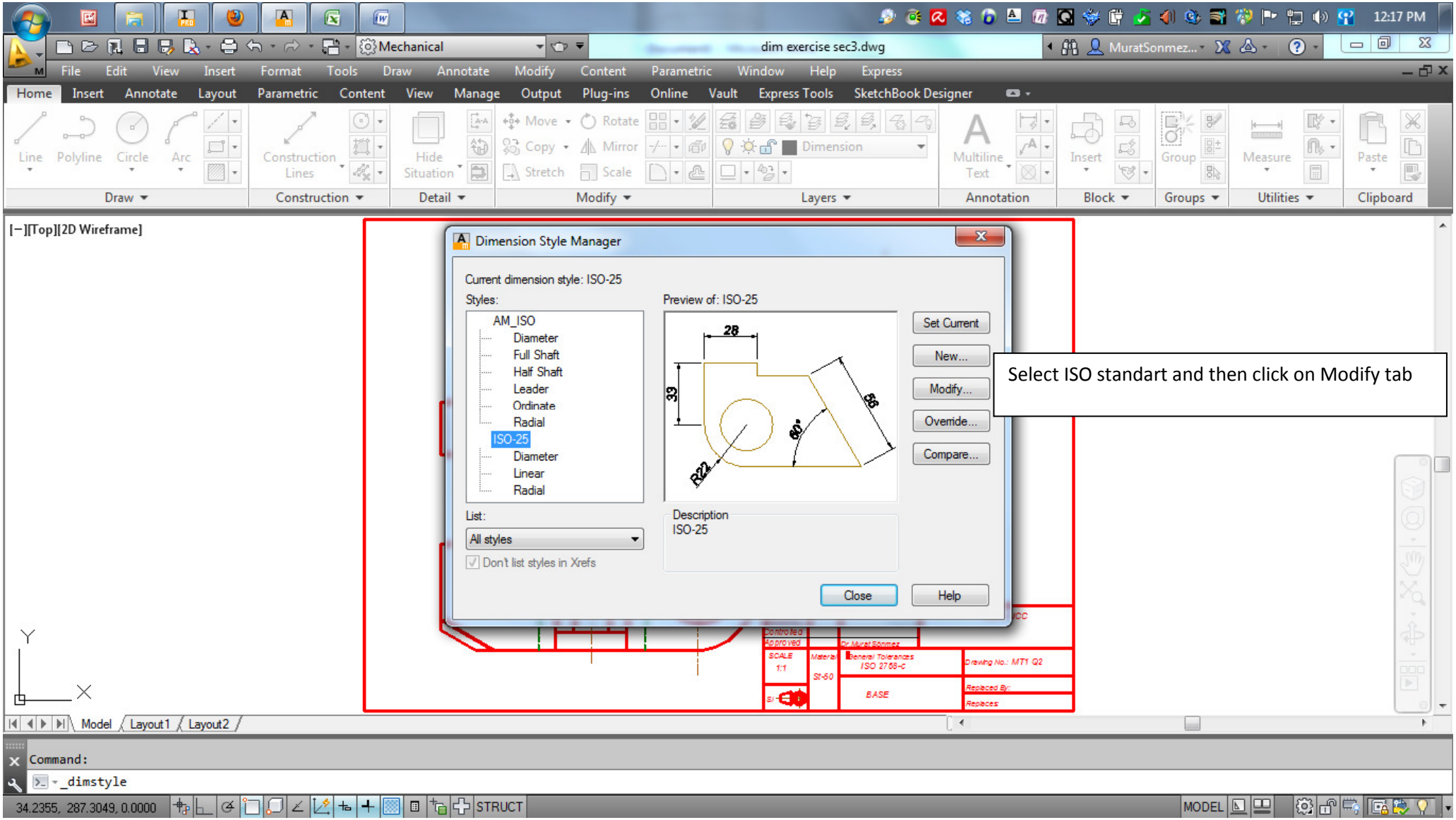
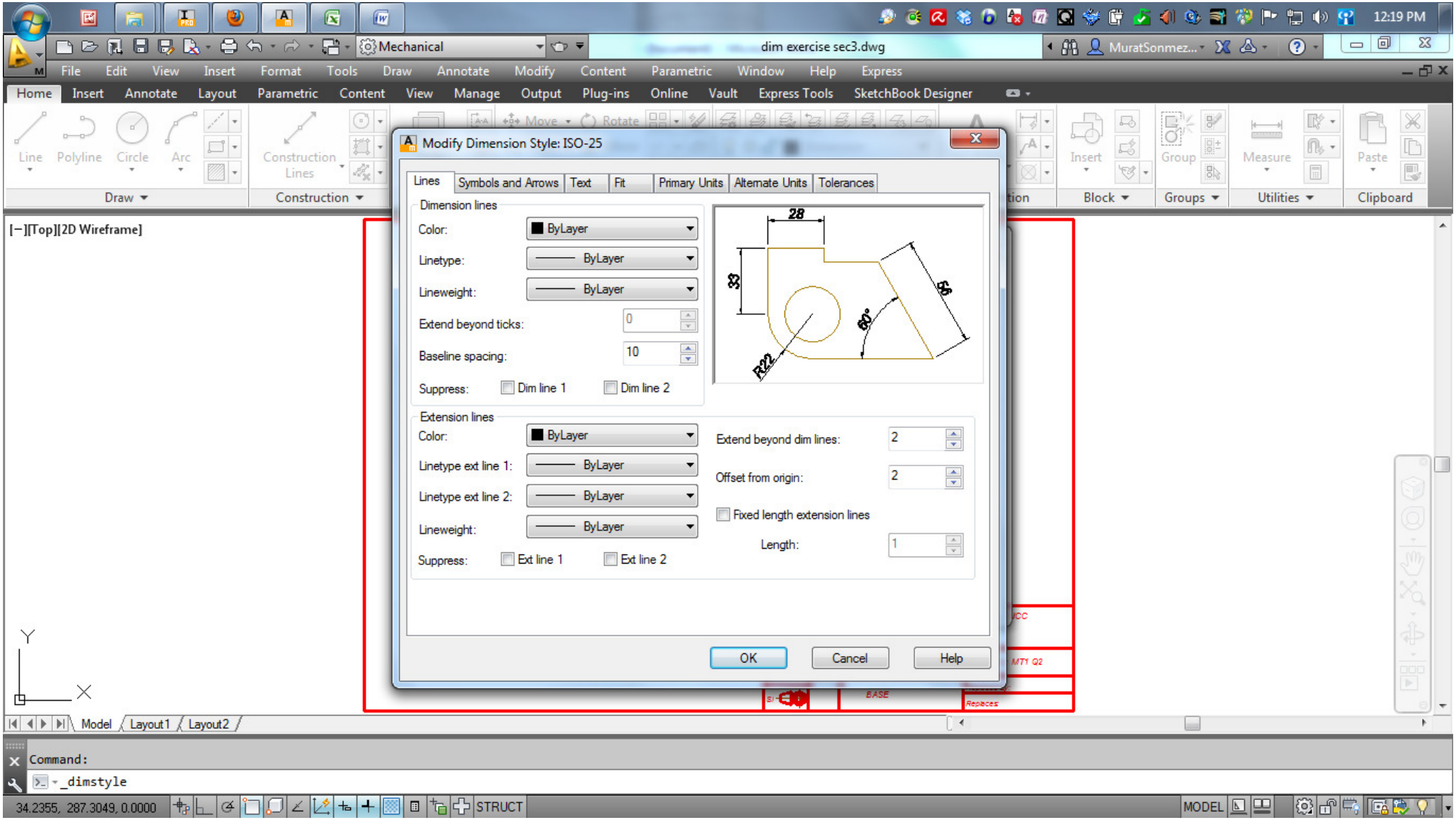
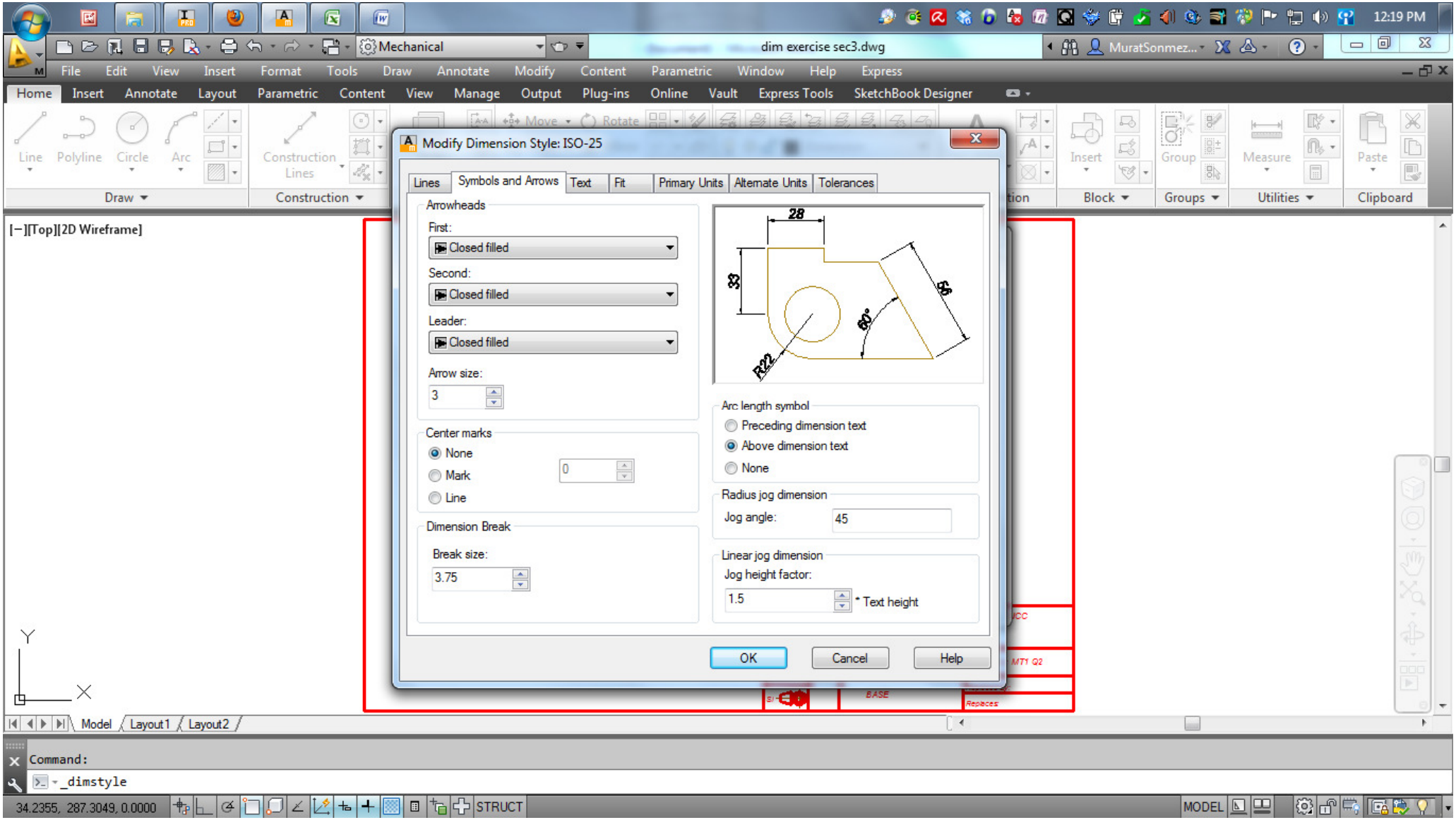
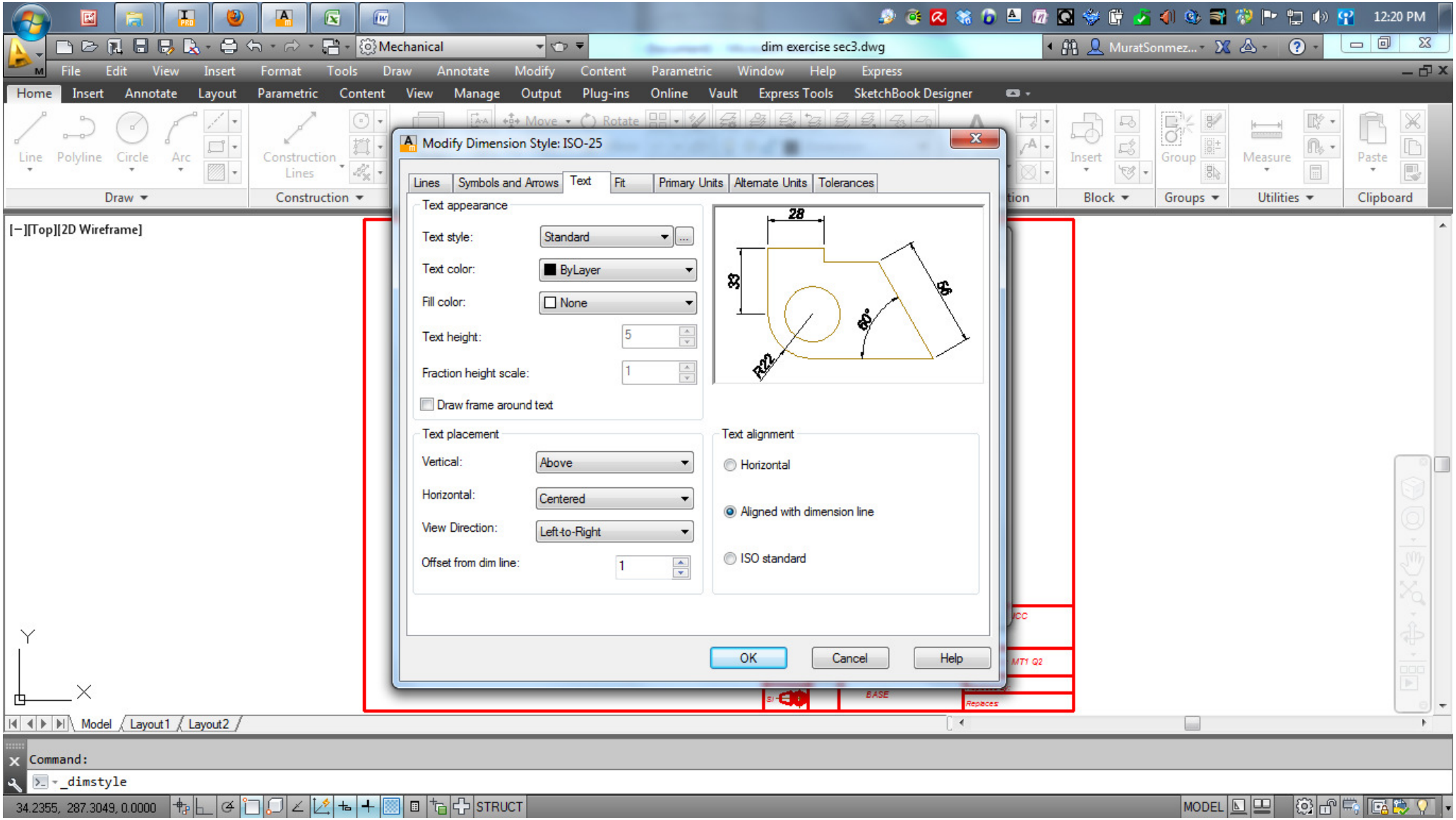

Mechanical
dim exercise sec3.dwg
Home
Insert
Annotate
Layout
Parametric
Content
View
Manage
Plug-ins
Online
Vault
Express Tools
SketchBook Designer
Line
Polyline
Circle
Arc
Construction Lines
Hide Situation
Move
Rotate
Copy
Mirror
Stretch
Scale
Dimension
Multiline Text
Insert
Group
Measure
Paste
Draw
Construction
Detail
Modify
Layers
Annotation
Block
Groups
Utilities
Clipboard
[−][Top][2D Wireframe]
Click on this tap and then select “show menu bar” option. Drop-Down menu bar will be invoked above the Tab Menu Bar
METU NCC
Model
Layout1
Layout2
[All/Center/Dynamic/Extents/Previous/Scale/Window/Object] <real time>:
Type a command
170.5463, 291.7825, 0.0000
STRUCT
MODEL

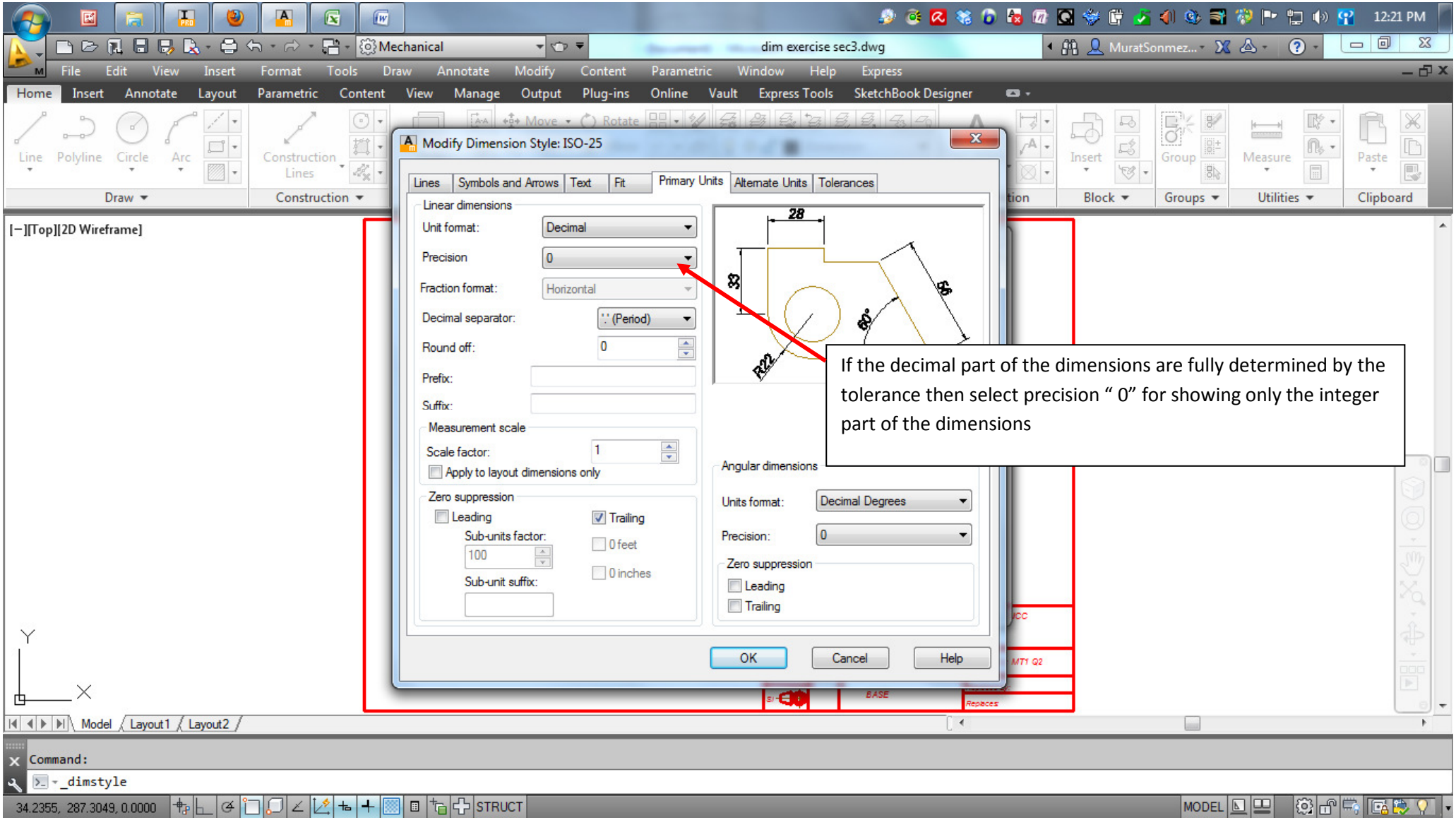

Mechanical
dim exercise sec3.dwg
File Edit View Insert Format Tools Draw Annotate Modify Content Parametric Window Help Express
Home Insert Annotate Layout Output Plug-ins Online Vault Express Tools SketchBook Designer
Mechanical Layer Manager...
Layer Tools
Color...
Linetype...
Lineweight...
Text Style
Dimension Style...
Plot Style...
Point Style...
Multiline Style...
Style Importer
Units
Thickness
Drawing Limits
Rename...
Setup Drawing...
Select "Dimension Style" option.
[−][Top][2D Wireframe]
Model Layout1 Layout2
[All/Center/Dynamic/Extents/Previous/Scale/Window/Object] <real time>:
Type a command
Creates and modifies dimension styles.

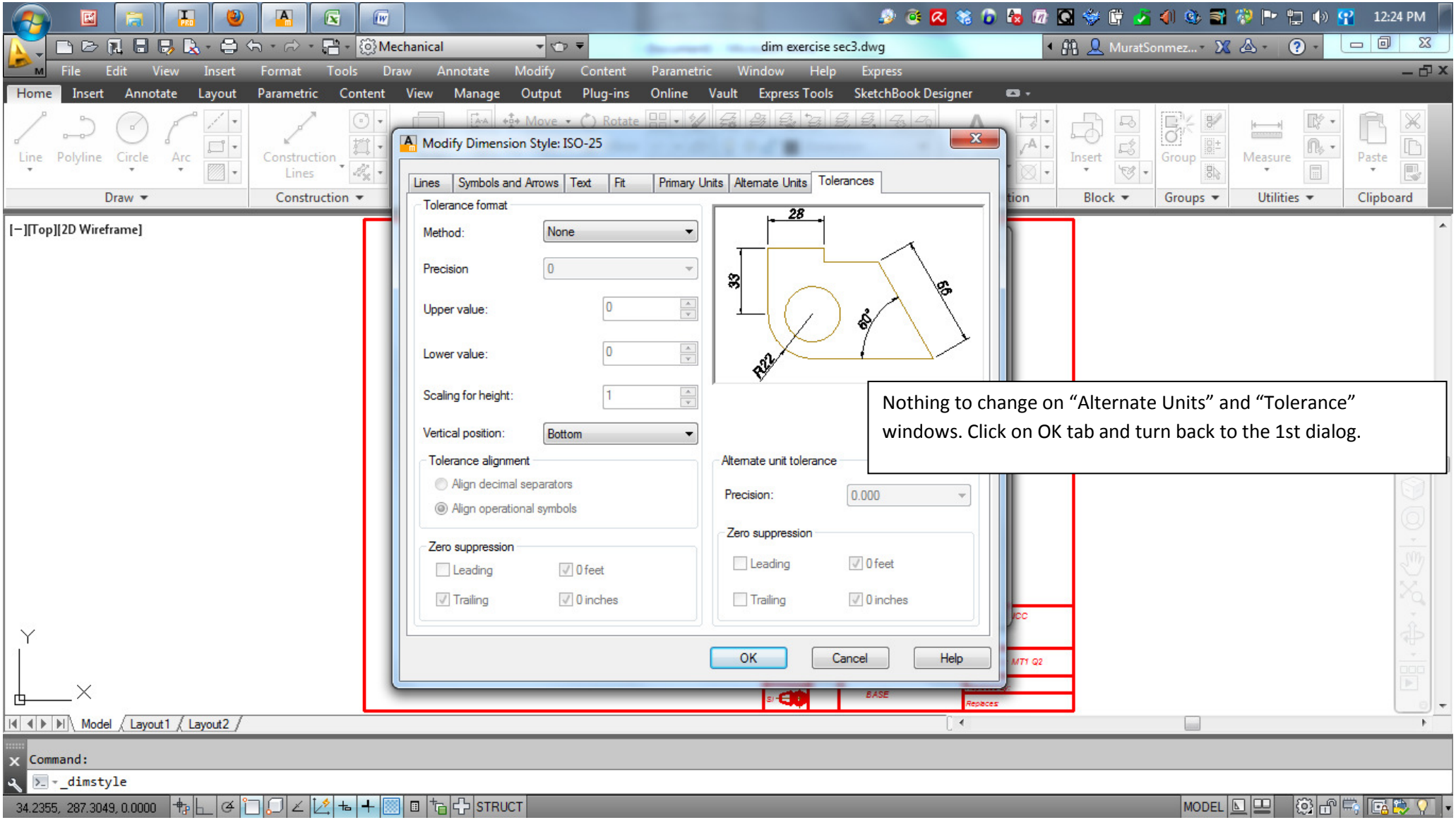

Dimension Style Manager
Current dimension style: ISO-25
Styles:
AM_ISO
Diameter
Full Shaft
Half Shaft
Leader
Ordinate
Radial
ISO-25
Diameter
Linear
Radial
Preview of: ISO-25
28
39
66
R22
Set Current
New...
Modify...
Override...
Compare...
List:
All styles
Don't list styles in Xrefs
Description
ISO-25
Close
Help
Select ISO standart and then click on Modify tab
[−][Top][2D Wireframe]
Model
Layout1
Layout2
Command:
_dimstyle
34.2355, 287.3049, 0.0000
STRUCT
MODEL

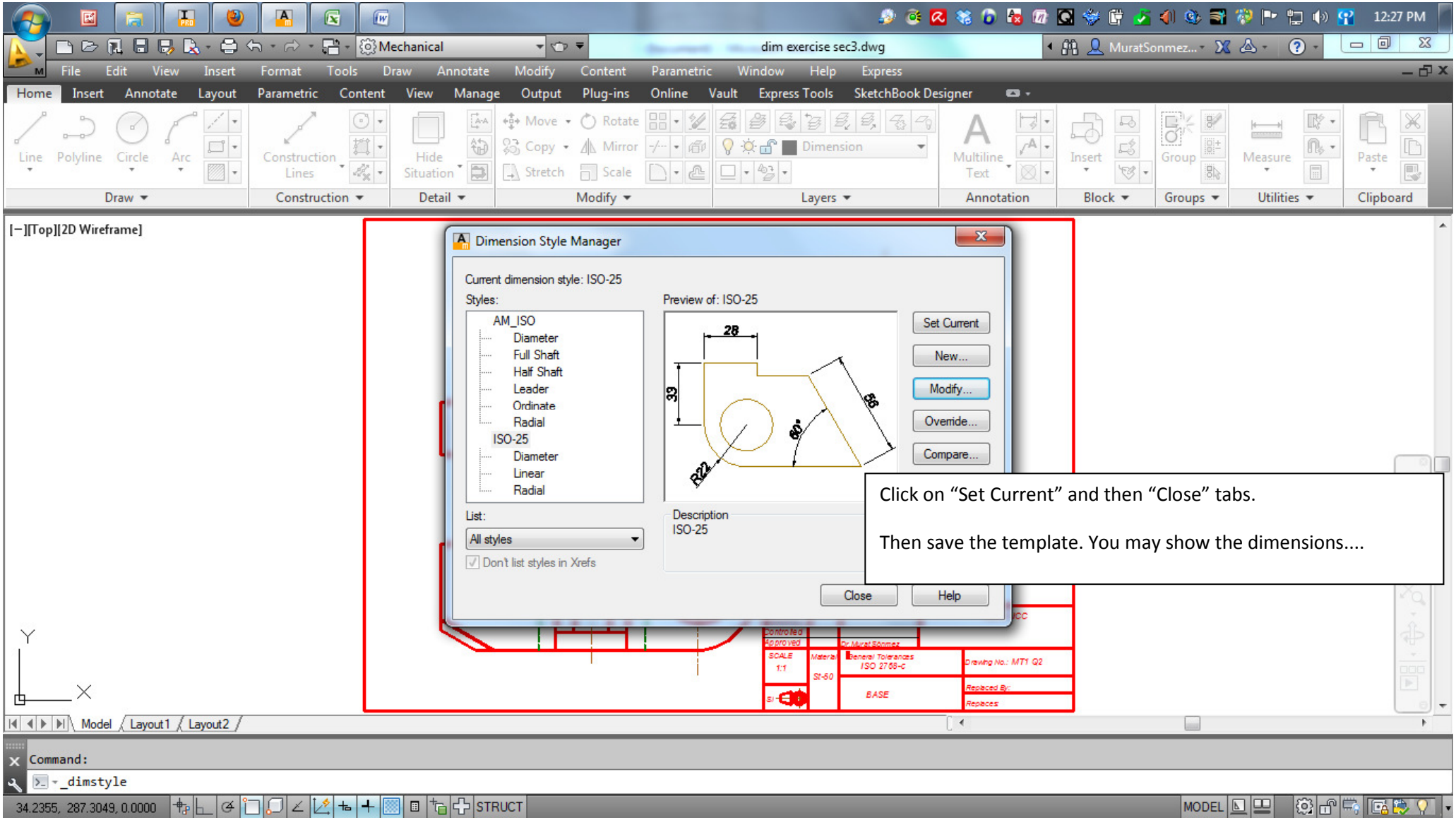

Modify Dimension Style: ISO-25
Lines
Symbols and Arrows
Text
Fit
Primary Units
Alternate Units
Tolerances
Dimension lines
Color: ByLayer
Linetype: ByLayer
Lineweight: ByLayer
Extend beyond ticks: 0
Baseline spacing: 10
Suppress: Dim line 1 Dim line 2
28
R22
60°
Extension lines
Color: ByLayer
Linetype ext line 1: ByLayer
Linetype ext line 2: ByLayer
Lineweight: ByLayer
Suppress: Ext line 1 Ext line 2
Extend beyond dim lines: 2
Offset from origin: 2
Fixed length extension lines
Length: 1
OK
Cancel
Help
[−][Top][2D Wireframe]
Model
Layout1
Layout2
Command:
_dimstyle
34.2355, 287.3049, 0.0000
STRUCT
MODEL


Modify Dimension Style: ISO-25
Lines
Symbols and Arrows
Text
Fit
Primary Units
Alternate Units
Tolerances
Arrowheads
First:
Closed filled
Second:
Closed filled
Leader:
Closed filled
Arrow size:
3
Center marks
None
Mark
Line
0
Dimension Break
Break size:
3.75
28
R22
60°
Arc length symbol
Preceding dimension text
Above dimension text
None
Radius jog dimension
Jog angle:
45
Linear jog dimension
Jog height factor:
1.5
* Text height
OK
Cancel
Help
[−][Top][2D Wireframe]
Model
Layout1
Layout2
Command:
_dimstyle
34.2355, 287.3049, 0.0000
STRUCT
MODEL


Modify Dimension Style: ISO-25
Lines
Symbols and Arrows
Text
Fit
Primary Units
Alternate Units
Tolerances
Text appearance
Text style:
Standard
Text color:
ByLayer
Fill color:
None
Text height:
5
Fraction height scale:
1
Draw frame around text
Text placement
Vertical:
Above
Horizontal:
Centered
View Direction:
Left-to-Right
Offset from dim line:
1
Text alignment
Horizontal
Aligned with dimension line
ISO standard
OK
Cancel
Help
28
R22
60°
[−][Top][2D Wireframe]
Model
Layout1
Layout2
Command:
_dimstyle
34.2355, 287.3049, 0.0000
STRUCT
MODEL


Modify Dimension Style: ISO-25
Lines
Symbols and Arrows
Text
Fit
Primary Units
Alternate Units
Tolerances
Linear dimensions
Unit format:
Decimal
Precision
0
Fraction format:
Horizontal
Decimal separator:
'.' (Period)
Round off:
0
Prefix:
Suffix:
Measurement scale
Scale factor:
1
Apply to layout dimensions only
Zero suppression
Leading
Trailing
Sub-units factor:
100
Sub-unit suffix:
0 feet
0 inches
Angular dimensions
Units format:
Decimal Degrees
Precision:
0
Zero suppression
Leading
Trailing
OK
Cancel
Help
28
32
45
60
R22
If the decimal part of the dimensions are fully determined by the tolerance then select precision " 0" for showing only the integer part of the dimensions
[−][Top][2D Wireframe]
Model
Layout1
Layout2
Command:
_dimstyle
34.2355, 287.3049, 0.0000
STRUCT
MODEL


Modify Dimension Style: ISO-25
Lines
Symbols and Arrows
Text
Fit
Primary Units
Alternate Units
Tolerances
Tolerance format
Method:
None
Precision
0
Upper value:
0
Lower value:
0
Scaling for height:
1
Vertical position:
Bottom
Tolerance alignment
Align decimal separators
Align operational symbols
Zero suppression
Leading
0 feet
Trailing
0 inches
Alternate unit tolerance
Precision:
0.000
Zero suppression
Leading
0 feet
Trailing
0 inches
28
33
66
60°
R22
OK
Cancel
Help
Nothing to change on “Alternate Units” and “Tolerance” windows. Click on OK tab and turn back to the 1st dialog.
[−][Top][2D Wireframe]
Model
Layout1
Layout2
Command:
_dimstyle
34.2355, 287.3049, 0.0000
STRUCT
MODEL


Mechanical
dim exercise sec3.dwg
File Edit View Insert Format Tools Draw Annotate Modify Content Parametric Window Help Express
Home Insert Annotate Layout Parametric Content View Manage Output Plug-ins Online Vault Express Tools SketchBook Designer
Line Polyline Circle Arc
Construction Lines
Hide Situation
Move Rotate Copy Mirror Stretch Scale
Dimension
Multiline Text
Insert
Group
Measure
Paste
Draw Construction Detail Modify Layers Annotation Block Groups Utilities Clipboard
[−][Top][2D Wireframe]
Dimension Style Manager
Current dimension style: ISO-25
Styles:
AM_ISO
Diameter
Full Shaft
Half Shaft
Leader
Ordinate
Radial
ISO-25
Diameter
Linear
Radial
Preview of: ISO-25
28
39
66
60°
R22
Set Current
New...
Modify...
Override...
Compare...
List:
All styles
Don't list styles in Xrefs
Description
ISO-25
Close
Help
Click on “Set Current” and then “Close” tabs.
Then save the template. You may show the dimensions....
Model Layout1 Layout2
Command:
_dimstyle
34.2355, 287.3049, 0.0000
STRUCT
MODEL