

MicroStation

Angular Dimensioning Tool

Did you know that you can force the arrow heads to the inside of an angular dimension using the angle between lines command? If you go to the Dimension Styles > Terminators category and change the minimum leader value to 0 this will swing the arrow heads to the inside of the angled lines, as long as the text will also fall within this space. Remember to select the Reset Style so the setting will return to the default setting of Min. Leader 2.500000 when complete. That way all other dimensioning will act as expected. [Click](#) to view the commands.

Angular Dimension Setting

The image shows the 'Dimension Styles' dialog box in AutoCAD, with the 'Terminators' tab selected in the left-hand menu. The 'Angular Dimension' sub-tab is active, showing settings for 'CDOT 3'. The 'Orientation' section has 'Terminators' set to 'Inside' and 'Arrowhead' set to 'Closed'. The 'Geometry' section shows 'Width' as 1.000000, 'Height' as 0.333333, and 'Min. Leader' as 2.500000. The 'Attributes' section has 'Color', 'Style', and 'Weight' all set to 0. A 'Focus Item Description' box at the bottom states: 'Set the space, in text height units, between extension lines and dimension text'. Two floating toolbars are visible: 'Dimensioning' and 'Angular Dimensionio...'. The 'Angular Dimensionio...' toolbar shows various angular dimension styles, with the 'View' style selected. In the background, a green angular dimension is visible on a drawing, showing a value of 43°13'31.1324\"/>

Dimension Styles

File

CDOT 3

Custom Symbols

Dimension Lines

Dimension With Leader

Extension Lines

Place Note

Placement

Terminators

Terminator Symbols

Text

Tolerance

Tool Settings

Units

Unit Format

Orientation

Terminators: Inside

Arrowhead: Closed

Reset Style

Geometry

Width: 1.000000

Height: 0.333333

Min. Leader: 2.500000

Attributes

Color: 0

Style: 0

Weight: 0

Focus Item Description

Set the space, in text height units, between extension lines and dimension text.

Dimensioning

CDOT 3

Alignment: View

Location: Automatic

Angular Dimensionio...

CDOT 3

Alignment: View

Location: Automatic

43°13'31.1324"