


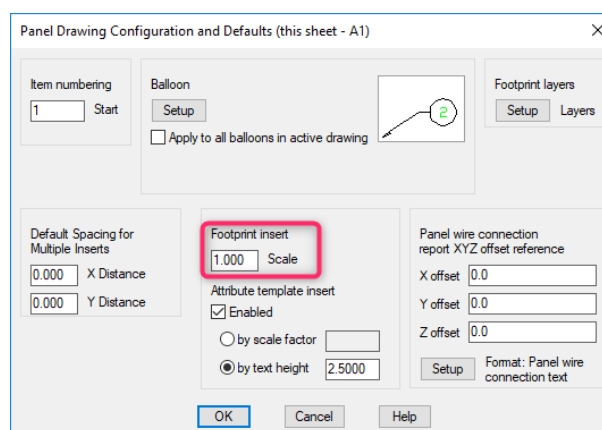
Dimension Style


AutoCAD Electrical 2019

Dimensioning depends on the scale of the inserted components in addition to the dimension scale factor. The dimension annotation also depends on the size of the drawing and whether its viewable when printed to a smaller paper sheet size. Typically, a panel layout will be dimensioned to facilitate manufacturing. A panel layout can be scaled, and the scale value of inserted components is set within the panel *Configuration* options.

Panel Configuration Options:

Select *Panel* ribbon tab >  Configuration



Select  to accept any changes

If a panel layout's configuration is set to a value other than 1, then the dimension scale factor must be adjusted to suit.

Adjusting the dimensioning scale:

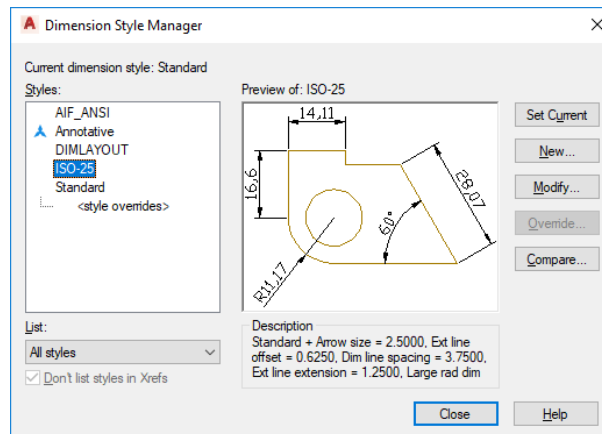
At the *Command:* prompt, type DIMSCALE

As an example, if your panel layout *Configuration* > *Footprint Insert* scale is set to 0.2, then the DIMSCALE value should also be set to 0.2

Dimension Style:

Ideally the dimension style defaults should be set within the title border (*.DWT) that you typically use for panel layouts or assembly drawings.

At the *Command:* prompt, type DIMSTYLE

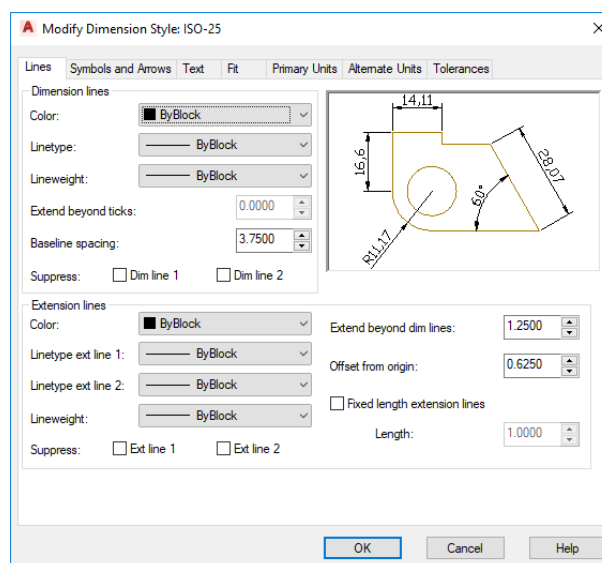


The ISO standard for dimensioning is a style called ISO-25. In this instance we will show editing of this style.

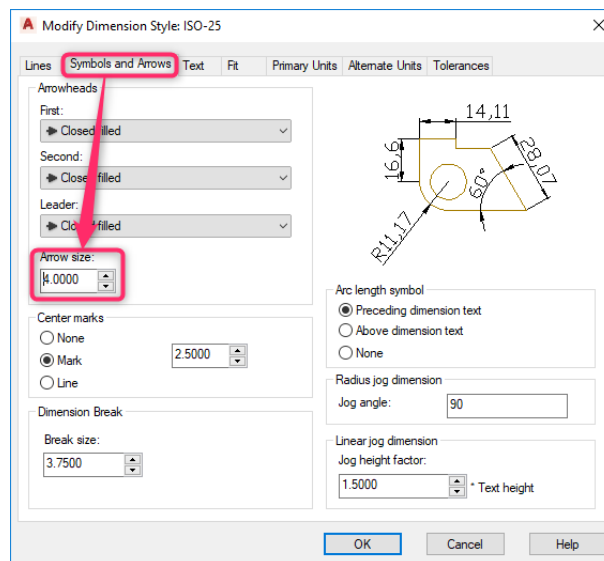
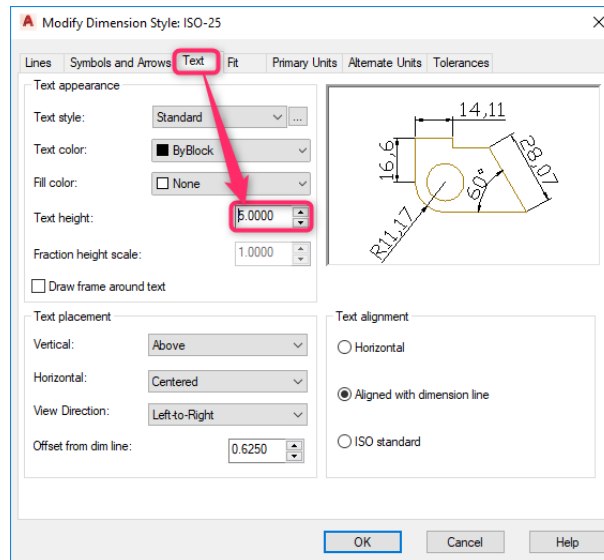
Highlight ISO-25 > select **Set Current**

Select **Modify...**

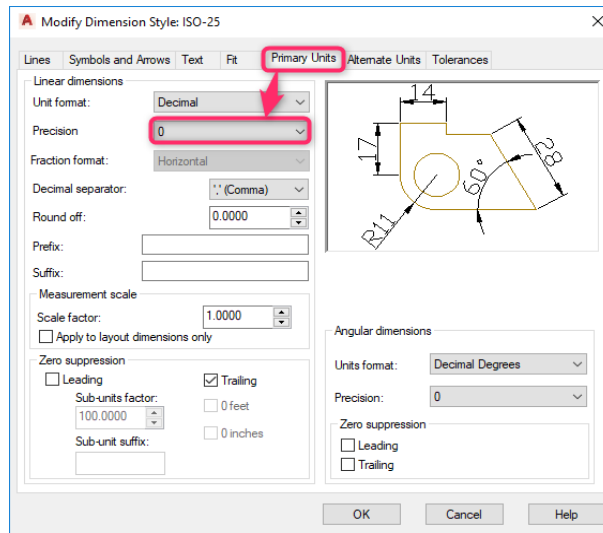
The settings of the dimension style can be adjusted across several tabs:



As an example, if you have created your layout at 1:1, you may wish to increase the text size and arrow size.



You may wish to define the precision of the dimensioning:

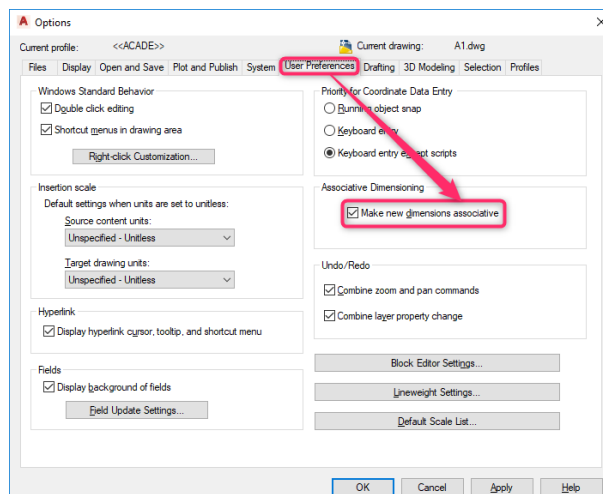


Select once you are happy with the changes.

Select .

Finally, if you wish for your dimensions to be associative which means that if an object is stretched, then the dimension information will automatically update:

At the *Command:* prompt, type OPTIONS



Select .

Select .