Linetype & Scale Settings

IN THIS GUIDE

Controlling linetype styles and linetype scale can be a confusing, this guide provides a quick tip on linetype scale. This guide is supported by a sample drawing file and a .lin linetype definition file.

A Linetype Scaling Solution

Here is a simple solution for banishing all problems with linetype scaling which should work with all metric drawings. It involves creating a new linetype definition file. Using the new linetypes and the linetype scale settings indicate below will ensure that your lines always appear on screen and print exactly as you expect. A kind of 'what you see is what you get'.

This is what you do:

1.   Create new linetypes with spacing to suit your requirements. This is necessary to ensure the scale settings work correctly, that is, the correct spacings are achieved. Refer to the sample drawing.
2.   Set the paper space linetype scale to 0 to retain the same scaling as the model space. PSLTSCALE=0. If necessary regenerate drawing with REGENALL command to see results.
3.   Set the linetype scale (the scale you see in model space) to the same scale as you print drawing scale. For example LTSCALE=50 for a 1:50 drawing.
4.   Create your drawing using the new linetypes.

A sample drawing file based upon the above configuration together with a linetype definition file containing lines for the above scale settings can be downloaded from www.cad.homemicro.co.uk

Shortcuts

LT   Opens the linetype manager dialogue box

LTS   Ltscale

REA   Regenall