

SealScan

INSTALLATION/SOFTWARE/USAGE

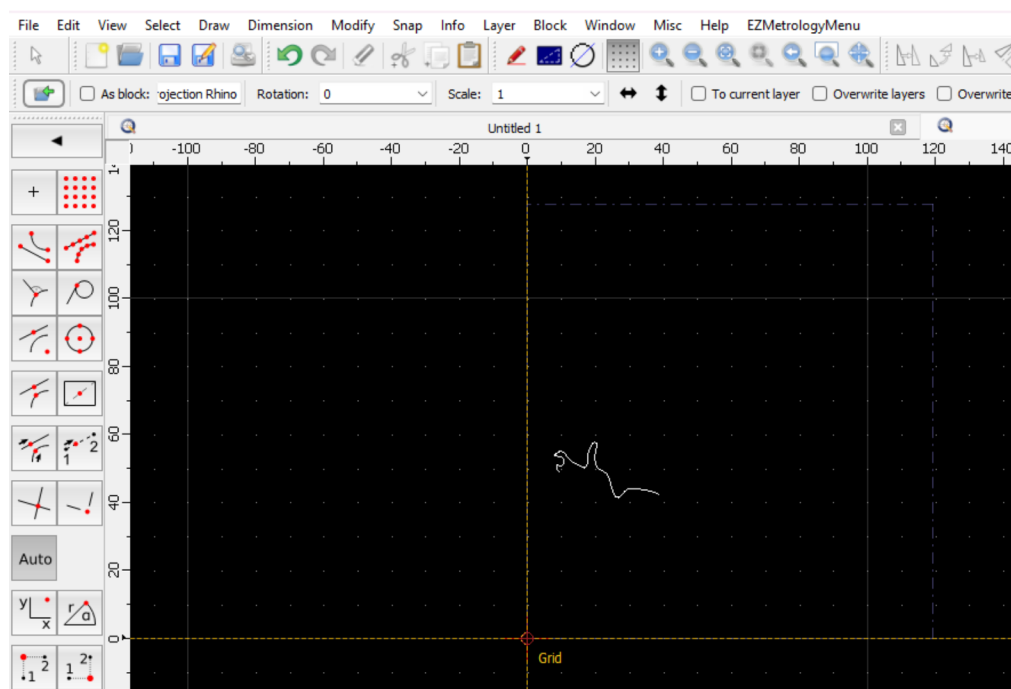
Q: Question

How can a SealScan measurement be compared to a nominal specification drawing?

A: Answer

To begin, the nominal specification cross section needs to be in X and Y coordinates and saved as a .dxf file for proper import into QCAD.

After clicking Import and selecting the .dxf file, the cursor should change to a point selection with a box anchored to it. This box contains the image being imported. It is suggested to place the imported object in an open space of the canvas so the entire object can be easily selectable by itself. The object can also be selected from the list of layers in the project.



The next step is picking the points on both the nominal form and the measured form where the two can be matched. There needs to be a point where the images can be superimposed on each other, as well as a line to match the rotation of the two images. Critical points or hard points/corners on the most static part of the object can provide the most direct comparison. Straight intersecting lines, inner corners, and rounded corners are also suitable.