

### CNC Programming More Efficient and Easier With Default Settings in CALYPSO

In this quarter's guide, we share with you steps to **easier and more efficient CNC programming using CALYPSO's function of Default Settings.**

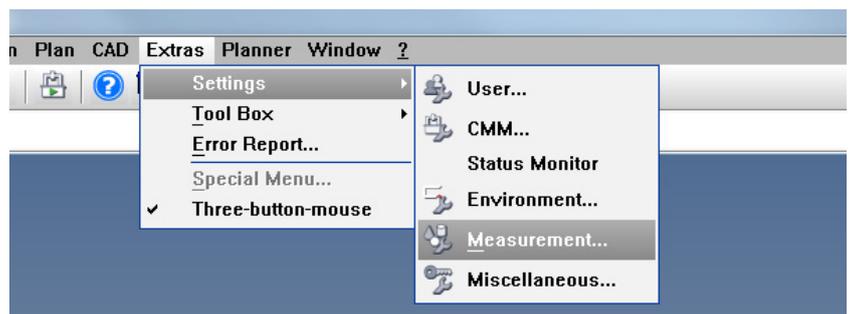
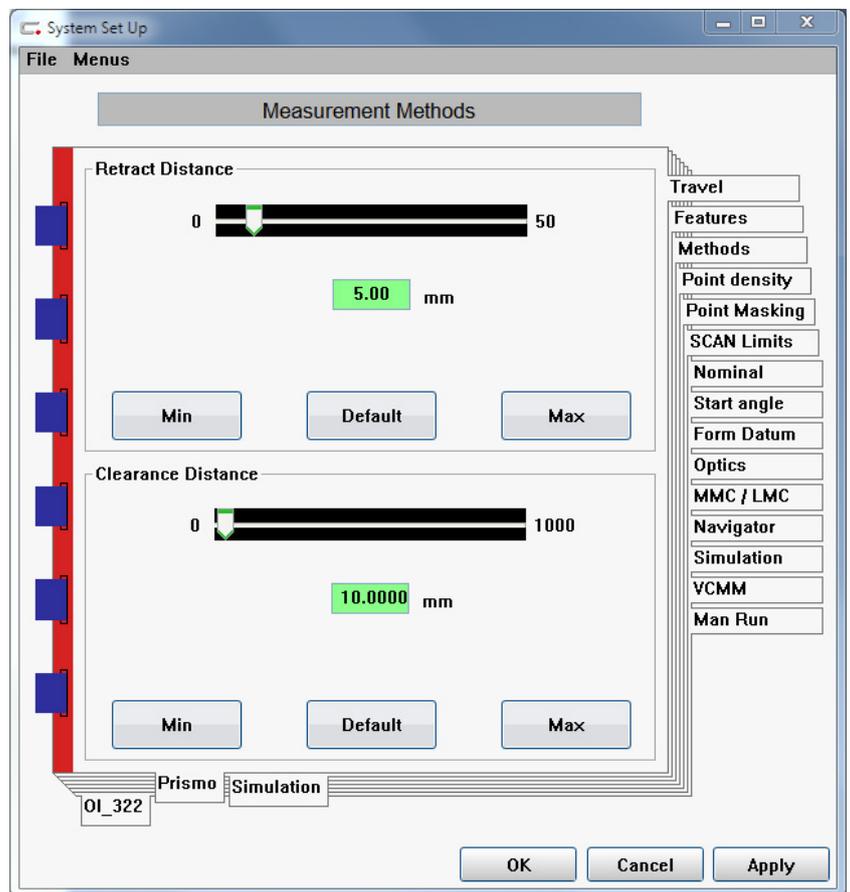
When using CALYPSO for part programming of similar families or similar parts, you can utilize CALYPSO's functions to set defaults to your regular features to make your feature-editing negligible. **This reduces your programming time to an extent of 30 - 50%** based on the complexity of the part.

#### The Steps

##### Step 1:

As shown, use the most common Travel settings that suit your path in the **Travel** tab of your **CMM** setting.

This way, **80 - 90%** of Travel path settings will be automatically set by default.

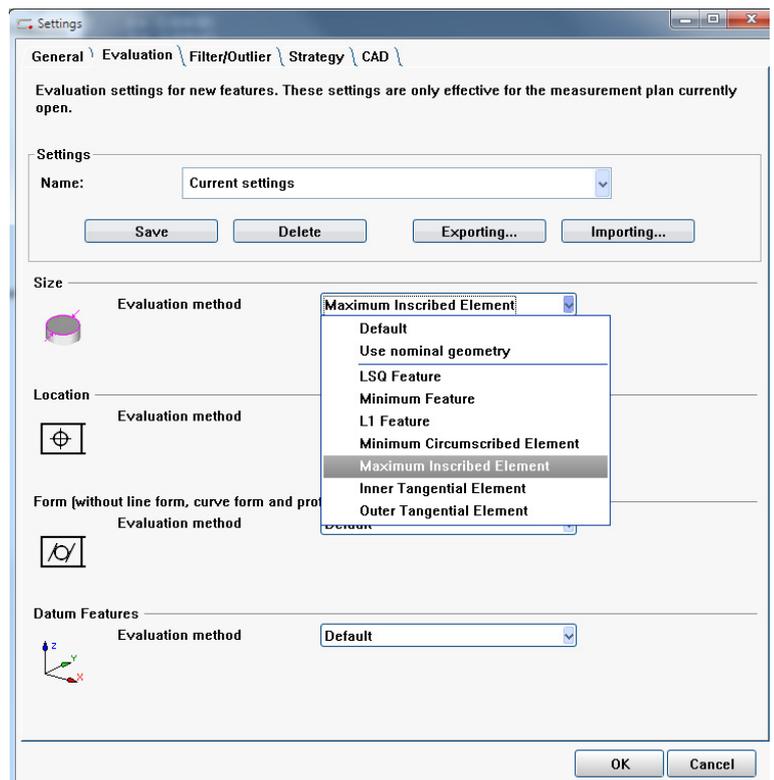
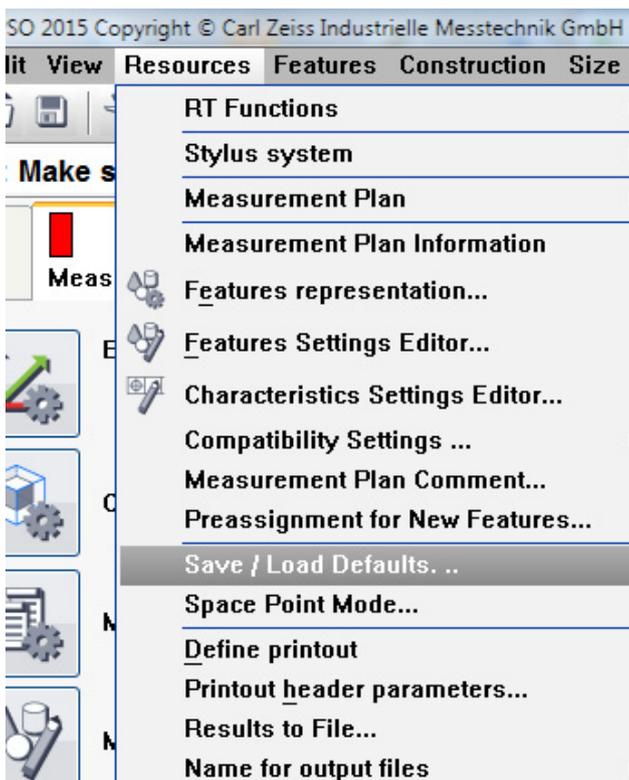
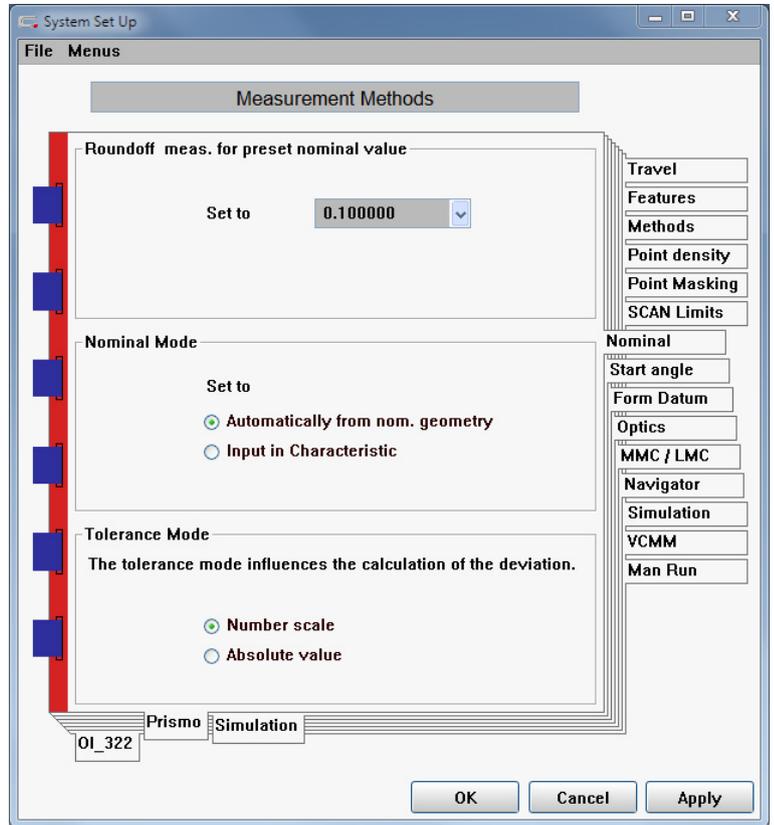


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#### Step 2:

Use a round off value to set up the **Nominals** of the features to the required drawing dimensions.

This is useful especially if you create CNC programs from actual parts and **not a CAD model**.



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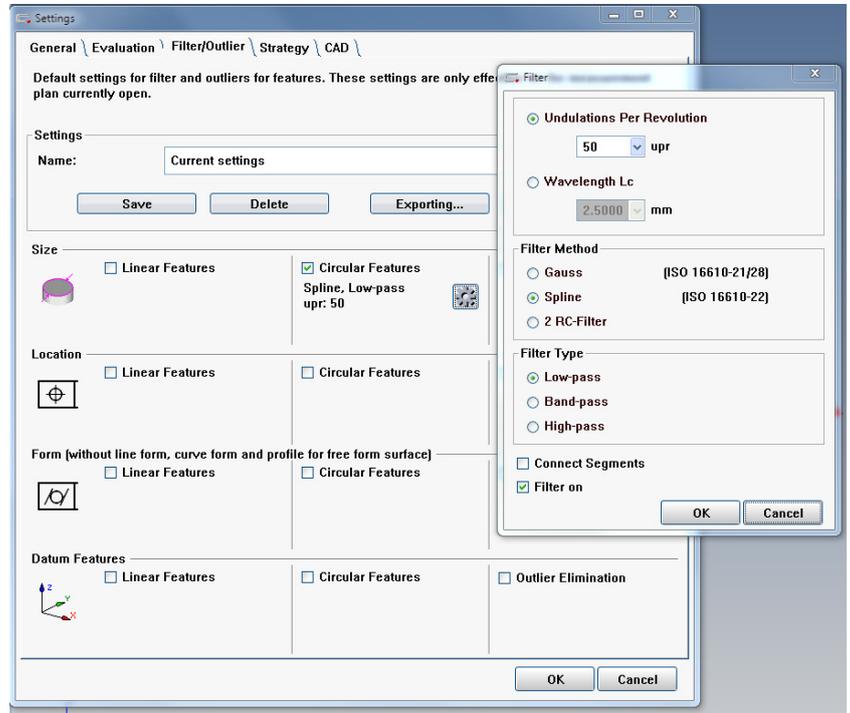
#### Step 3:

#### Feature Default Settings for Evaluation

Examples:  
LSQ / MCC / MIC

#### Filter & Outlier Settings

Feature point strategy like - single points, scanning and scanning parameters as shown.

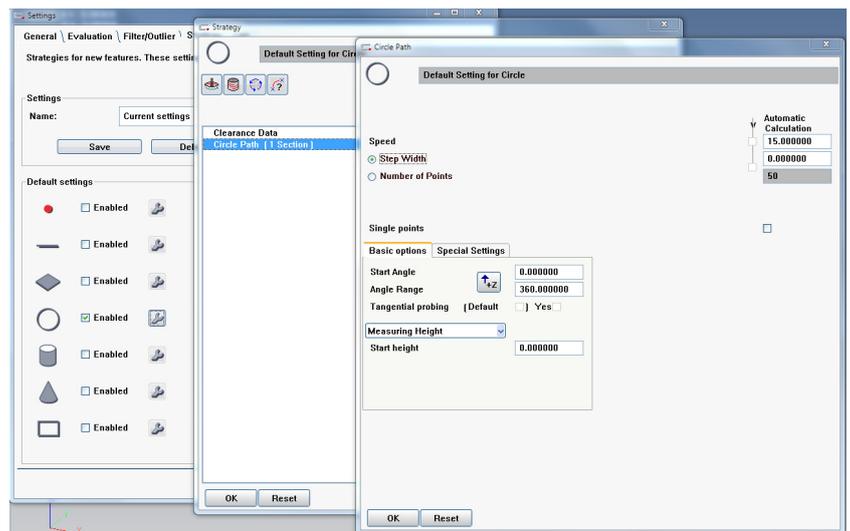


#### Step 4:

#### Feature Default Settings Probing for CNC Strategies

Example:  
Auto circle path and its parameters can be predefined as default and whenever you create a circle from CAD or measure and extract from a physical part.

The circle created will be automatically predefined with the scanning parameters and defaults set by the user.



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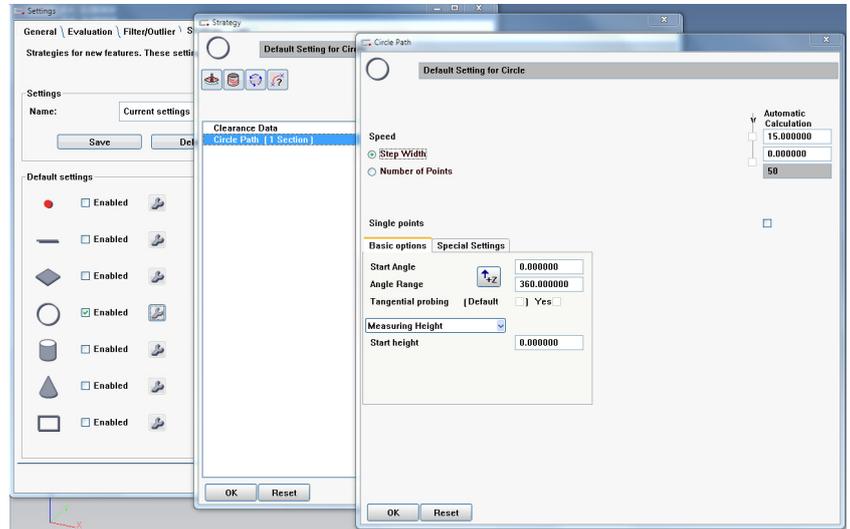
#### Step 5:

#### Use Our Previous Tips & Tricks to Default the Tolerances of Your Features

With all above defaults and tolerances, it may be a negligible amount of post tune-up you will need to do with your Feature settings to complete the CNC program.

Your CNC is then ready to go!

*Note: All screen shots are with reference to the latest version of CALYPSO. For older versions, you may need to refer the user manual or help sections.*



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