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CALYPSO Tips and Tricks

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Tolerancing Made Easy

In this quarter's guide, we share with you ways to **save time and increase efficiency during programming**. By taking advantage of CALYPSO's features, you are able to make tolerance-entering easier, faster and also with built-in references.

Usually, you would have to refer to tolerance tables; but using this technique, once the correct table type is selected, all tolerances are automatically populated and minimal keyboard input is required.

The result is ultimately significantly reducing your time spent on programming – allowing you to use it for other tasks.

The Steps

CALYPSO has a built-in **"ISO Tolerance Table"**. It helps you populate Tolerances easily based on Feature dimensions.

Auto ISO Tolerancing

C. Features	~ .					X
Circ	cle1					
Comment	Projection	Strategy				
Circle 🚽	None	Evaluation				
Clearance Group Nominal Definition Alignment				Tolerance Class	es	
CP +Z 🚽	Options 🛛 🚽	(Base Alignme 🗸		Fine		
Tolerance For: Nominal Actual			∣ISO 286 −	Upper Tolerance	Lower Tolerance	Identifier
×□	-40.2000					
ΠY	32.0000					
Z	-2.3560					
🔽 D	30.0000		H7	0.0210 🗹	0.0000 🗹	DiameterCircle1
A1 X/Z 🔀	-0.0000					
A2 Y/Z	0.0000					

Step 1:

(Blue circle in the diagram above) Enter ISO Tolerances in the white box.

Step 2:

(Yellow rectangles in the diagram above)

The Upper and the Lower Tolerance will be auto populated based on the ISO Grade and Diameter of the hole.

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Tolerance Classes:

CALYPSO provides the standard list for regular use.

However, tolerances can be customized based on user-specified tolerances.

For more details on how to customize tolerances, please refer to the user guide in your CALYPSO under **"Tolerances > Defining custom"**.



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We make it visible.