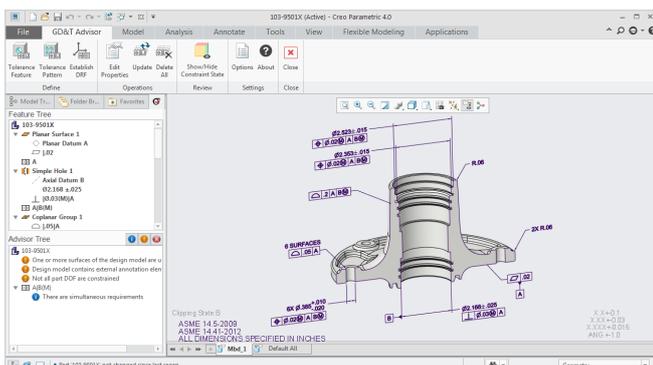# Creo® GD&T Advisor Extension

## Fast, Easy, and Accurate GD&T Creation

Geometric dimensioning and tolerancing (GD&T) is painstaking manual work, as anyone knows who has spent more time detailing a model than designing it. Worse, the very nature of this complex process means it is prone to error. With our partners at Sigmetrix, we've developed the Creo GD&T Advisor Extension to resolve these issues and put your focus back to where it should be – on your design.
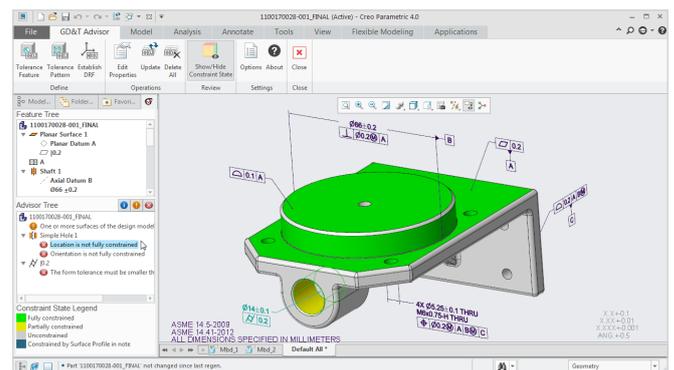
Creo GD&T Advisor, an extension to Creo Parametric 4.0, provides both expert guidance on the application of GD&T and validation that it has been done correctly. When your model is complete, you can be confident that it complies with the relevant standard and is fully constrained.

Creo GD&T Advisor also improves your productivity when applying GD&T, reducing the number of mouse clicks and time required by up to 75%. The software simplifies the understanding of the complex GD&T standards by providing readily available guidance during every step of the application process. Rulesets included are ASME Y14.5-2009, ISO 1101-2012, and their associated standards.

With Creo GD&T Advisor, you'll apply GD&T correctly the first time, saving money and reducing tedium.



Informative advisor messages guide and educate the user.

## Key benefits

- Increases productivity

- Reduces costs

- Provides consistency

- Eliminates mistakes due to human error

- Improves design communications, reducing the chance of misinterpreted or ambiguous information

- Enhances GD&T understanding



Functional feature-centric view of GD&T.

## Capabilities and Specifications

### Creation

· Efficient, intelligent application of functionally and syntactically correct GD&T in the 3D CAD model environment

### Validation

· Visual indications of syntactic errors and under-constrained geometry

### Education

· Extensive help content, informative tool tips, and advisor messages aid in understanding of GD&T concepts

### Utilization

· Intelligent, native Creo annotations are usable in downstream processes such as drawing production, tolerance analysis, computer aided inspection, and other design activities

## Standards Rulesets

· ASME Y14.5-2009 and associated standards

· ISO 1101-2012 and associated standards

## Platform Support and System Requirements

Visit the PTC support page for the most up-do-date platform support and system requirements.