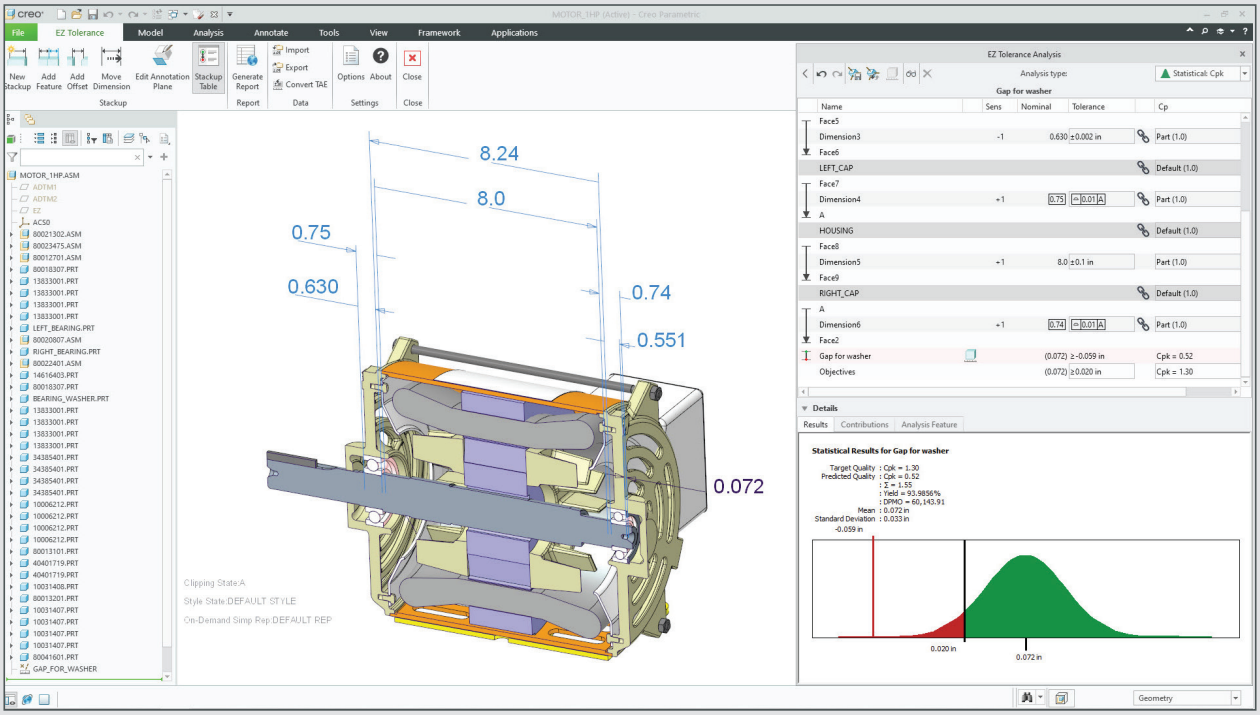
Creo® EZ Tolerance Analysis Extension

THE EASY WAY TO PERFORM 1D TOLERANCE STACK-UP ANALYSIS

Tolerance Analysis for Today's Design Engineers

Creo EZ Tolerance Analysis Extension provides a powerful tolerance stack-up and gap analysis solution that is seamlessly integrated into the Creo design environment. The graphical user interface is easy to learn and use. You can evaluate the impact of tolerances and dimensioning schemes on the feasibility of product designs, without tedious spreadsheet analysis. In addition, any change made to the design is automatically reflected in all downstream deliverables – without risk of translation errors in your design. The result: shorter product development cycles, lower product cost, and higher product quality.



Easy-to-use capabilities

- Evaluate the impact of tolerances on the assembly of part designs, highlighting areas of concern.
- Define multiple tolerance stack-up analyses on the same model, using surfaces and features.
- Modify a stored part or its tolerance and immediately update stack-up results.
- Visualize the interactive tolerance loop.
- Evaluate profile, position, concentricity, symmetry and run-out geometric tolerance.

* Creo 6.0 and below compatible with Creo Tolerance Analysis extension

Powerful Results

- Dashboard tables show the objectives and results of each stack-up analysis, along with a visual indication of whether the requirement has been met
- Auto-generated output plots of contribution and sensitivity, with worst-case, RSS, and statistical results
- Quality metrics for statistical analysis includes Cpk, Sigma, DPMO, and % Yield
- Detailed report with graphical view of the dimension loop and contributors, sorted from largest to smallest
- HTML reports for easy sharing



Easy-to-use, powerful geometric tolerance analysis capabilities are now integrated directly into the Creo design environment with **Creo EZ Tolerance Analysis Extension.**

The Creo Advantage

Creo is the 3D CAD solution that helps you accelerate product innovation to build better products faster. Easy-to-learn Creo uses a model-based approach to seamlessly take you from the earliest phases of product design to manufacturing and beyond. Combining powerful, proven functionality with new technologies including generative design, real-time simulation, advanced manufacturing, IIoT and augmented reality, Creo helps you iterate faster, reduce costs and improve product quality. Creo is also available as a SaaS product, providing innovative cloud-based tools for real-time collaboration and streamlined license management and deployment. The world of product development moves quickly, and only Creo delivers the transformative tools you need to build competitive advantage and gain market share.

Language support: English, German, French, Italian, Spanish, Brazilian Portuguese, Russian, Japanese, Chinese (Simplified and Traditional), and Korean.

Platform support and system requirements: Please visit the PTC support page for the most up-to-date platform support and system requirements.

For more information: visit: PTC.com/product/creo or contact your local sales representative.

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