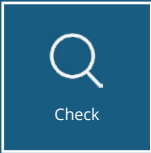


# SF QCHECK

## MECHANICAL DESIGN AUTOMATION



### Check CAD Models against Standards and Design Guidelines

SF QCHECK for PTC Creo Parametric is the tool for automatic quality checks of CAD models. Every company defines specific standards and design guidelines for its assemblies, parts and drawings. SF QCHECK checks the compliance with these specifications in the design process.

### Ensure quality of CAD model

SF QCHECK for Creo checks the compliance with specific standards and design guidelines for assemblies, parts and drawings in the design process. As a consequence, it ensures CAD data quality and compatibility with the subsequent process chain. An automatic correction option for guideline violations is available for most criterias.

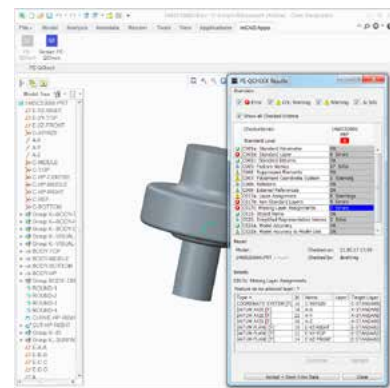
SF QCHECK is directly integrated into the user interface of Creo and will check the active mode. If defined, it will also check all dependent objects.

### Easy operation

- Direct integration into Creo Parametric
- If active model is an assembly or drawing, all sub-models can be checked by pressing one button
- Test results are shown in a separate window with an overview of all criteria and details for each criterion
- Available correction operations can be performed automatically via associated buttons in result window
- Centralized global configuration of the application

### Capabilities

- 3D Model-specific check criteria:
  - Standard datums
  - Standard parameters
  - Standard layer
  - Layer assignments
  - Model name
- Assembly-specific check criteria:
  - Assembly structure
  - Assembly references



QCHECK Result Window

- Drawing specific check criteria:
  - Additional dimensions
  - Suppressed views
  - Drawing frame
  - Character height
  - Unused drawing models
- Result window provides clear overview of check results
- Result level number is determined by consideration of check results for all checked models and criteria
- Classification of the results (error, warning or information) is possible

### Benefits

- Ensure company standards
- Save time and money by avoiding cost-intensive rework
- Increase data quality
- Customer-specific configurations possible
- Results of all checked models displayed

### SF Summary

- SF QCHECK performs automatic-checks of quality properties
- Check results are clearly arranged in result window.
- Corrections can be done automatically.



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SOFTWARE FACTORY GmbH | Parkring 57-59 | 85748 Garching near Munich | T +49 89 323 501-0 | cad@sf.com | www.sf.com