

# WALLCHECK for Creo (Pro/ENGINEER)

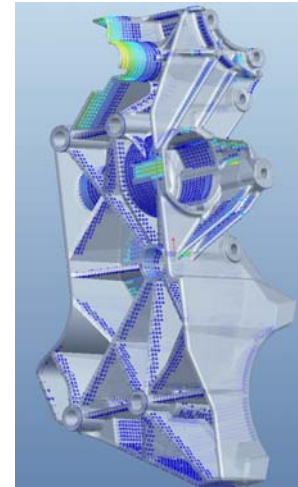
## Thickness and Distance Analysis

### What is WALLCHECK?

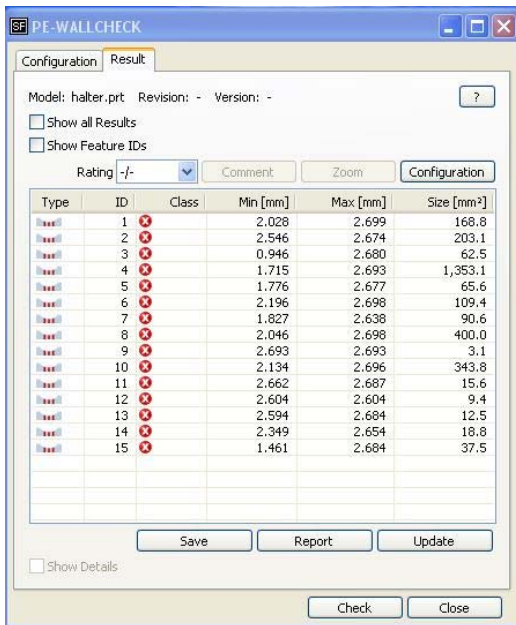
WALLCHECK is software developed for Creo that allows the user to quickly analyze critical wall thickness conditions and distances in parts and assemblies.

### Key Features

- Simple, easy to understand configuration wizard guides new users for optimum and fast setup.
- Color-coded results in 3D model makes for easy identification of potential thickness issues.
- Identifies both thin wall and thick wall conditions.
- Besides detecting walls that fall short of or exceed specified thicknesses, WALLCHECK can also check for regions within a certain thickness range.
- Automatic zoom and center functionality allows for efficient and quick viewing of results.
- Batch functionality facilitates the analysis of multiple CAD models.
- Automatic generation of reports in PDF format containing result views, section thickness values, and comments.
- Analyzes imported geometry like STEP and IGES files.
- Analyzes even fragmented parts.
- Analyzes minimum distances between parts in assemblies.
- Fully compatible with all builds of Creo (and Pro/ENGINEER) software.
- Works in conjunction with Windchill/PDMLink, or IntraLink.
- Runs on 32 or 64 bit machines.



Color-coded 3D model displays easy to identify areas of concern.



The user clicks on a potential error identified in the result screen. The software automatically zooms to that area of the CAD drawing.

### How It Works

- User opens WALLCHECK and selects the part to be analyzed.
- Software analyzes the part's walls and identifies areas that are too thick or too thin.
- Software identifies potential thickness errors in a color-coded 3D model.
- Results are classified into easy to understand categories: error, warning, etc.
- A PDF report with results, views, section thickness values and comments is generated.

### Key Benefits

- Shortens time to market by eliminating time consuming manual measurements.
- Adds safety by checking critical areas before they cause expensive rework downstream.
- Improves quality of molded or cast products by controlling critical thickness conditions
- Reduces costs by eliminating unnecessary material usage.
- Improves quality of assemblies by controlling distance conditions among parts within the assembly.
- Fast and easy to configure.
- Improves documentation.

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