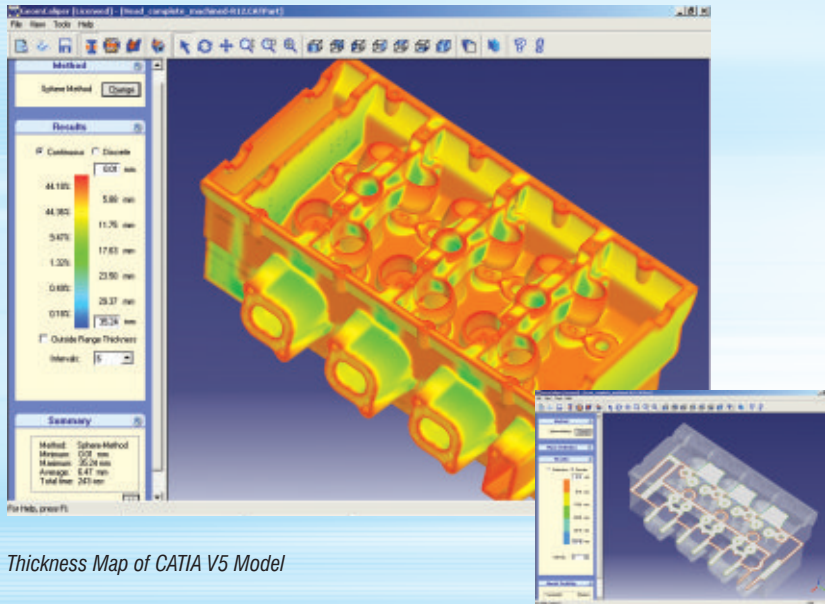




Quick & easy thickness measurement of CATIA® V5 3D models

A SEI CMMI Level 5 Company
ISO 9001:2000 Certified



Thickness Map of CATIA V5 Model

Introduction

Product designers and manufacturing engineers need to frequently carry out measurement to identify regions that are critical from strength, manufacturing, or material flow standpoint. Most often, thickness mapping and measurement is the basis of the study.

GeomCaliper for CATIA V5 is an innovative tool that facilitates measurement and checking of thickness on CATIA V5 CAD models. GeomCaliper provides innovative capabilities that speeds up the design review process for manufacturability. Unlike traditional measurement tools, GeomCaliper is a fast, accurate and easy to use tool that is closely integrated with CATIA V5.

The tool implements two main methods of thickness measurement i.e. Normal ray and Rolling sphere. Users are allowed to select the analysis method depending on Geometry of the part for improved results.

Salient Features

- Tools like Ray and Rolling ball available for checking wall thickness
- Easy to locate critical thickness areas
- Advanced visualization for easy interpretation of results
- Dynamic thickness display at point click
- Compute thickness at selected regions
- View results within CATIA
- Ability to run in batchmode
- Ability to ignore small thickness at edges
- Customizable reports in XML / HTML format

Benefits of GeomCaliper for CATIA V5

- Quick and easy means of checking Design for manufacturing
- Savings in downstream costs due to improved part quality, as a result of early analysis and design correction
- Improved design productivity and quality

Supported versions of CATIA V5

CATIA V5 R14, R15, R16 & R17

Operating System

Microsoft® Windows® XP Professional & Windows® 2000

Worldwide Locations

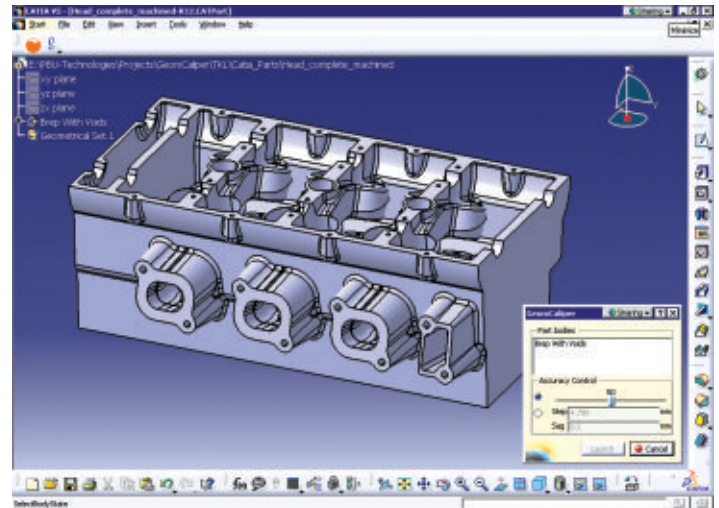
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GeomCaliper results in CATIA V5

Download a free evaluation copy of GeomCaliper for CATIA V5 at <http://geomcaliper.geometricsoftware.com/>

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