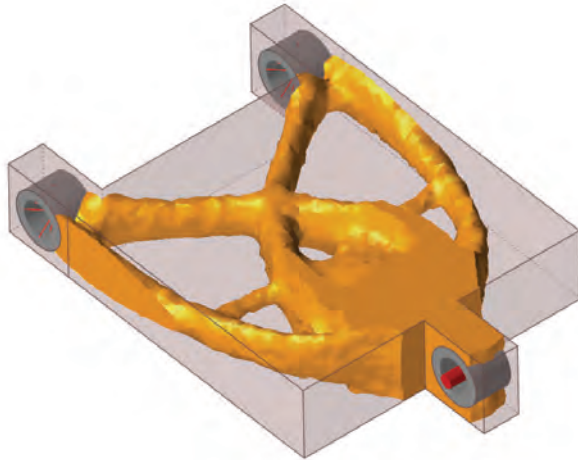


INSPIRE
solidThinking®

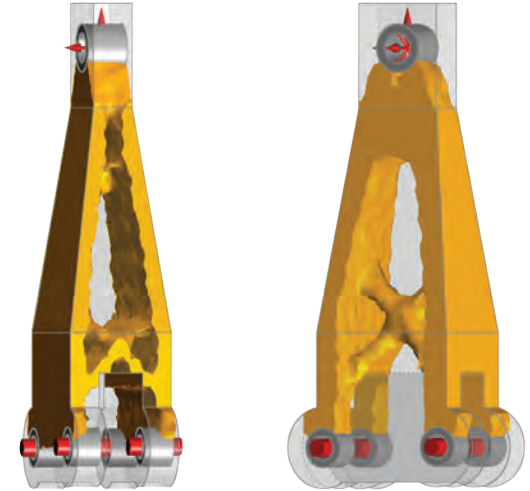
Design Faster, Smarter and Lighter

solidThinking Inspire allows design engineers and product designers to generate and investigate structurally efficient concepts quickly and easily.

Designs that follow a better path



Inspire's symmetry control will create very different ideal geometries with a change to the axis of symmetry.



Start with the solution.

Traditional structural simulations allow engineers to learn if a design will support the required loads.

Inspire assists designers by creating new geometry within a design space using the loads as input.

Built to work with your existing tools with a straightforward user interface that is easy to learn.

Reduce development time, material consumption, and product weight by designing faster, smarter, and lighter.

Manufacturing and shape controls create concepts that are structurally efficient and practical.

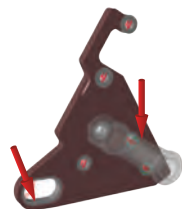
Begin here, working with solidThinking Inspire.



Sketch or Import a Design



Create the "Design Space"



Assign Materials and Loads



See the Ideal Part



Control the Result



Export the Design Proposal

"Inspire provides a tool that can quickly suggest ideal part geometries, giving an opportunity to reduce development cycle time and enhancing the knowledge of the engineer regarding structural requirements of the component."

Stefan Terebesi, Sr. Engineer at Key Safety Systems, Inc., a Tier 1 manufacturer of automotive safety equipment

"[Inspire is a] new way of generating design, generating shapes, generating concepts... it helps designers to explore lines and design strategies differently than the things they usually do."

Francesco Lovo, Research and Development Director at Pininfarina Extra, part of the Pininfarina Group

Inspire Features



SHAPE CONTROLS & DESIGN CONSTRAINTS

- Min/Max Size
- Draw Direction
- Symmetry
- Pattern Repetition
- Cyclic Repetition
- Stress Constraints
- Frequency Constraints
- Displacement Constraints



GEOMETRY IMPORT

- ACIS
- Catia (V4 & V5)
- IGES
- JT
- Parasolid
- Pro/E
- SolidWorks
- STEP
- STL



GEOMETRY EXPORT

- IGES
- Parasolid
- STEP
- STL

Inspire is Available for



Windows 8, 7, Vista, XP



Mac OSX 10.6 or later

Learn more at solidThinking.com/Inspire

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