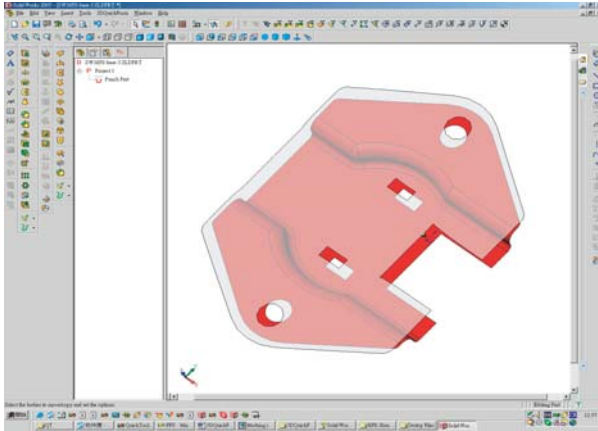




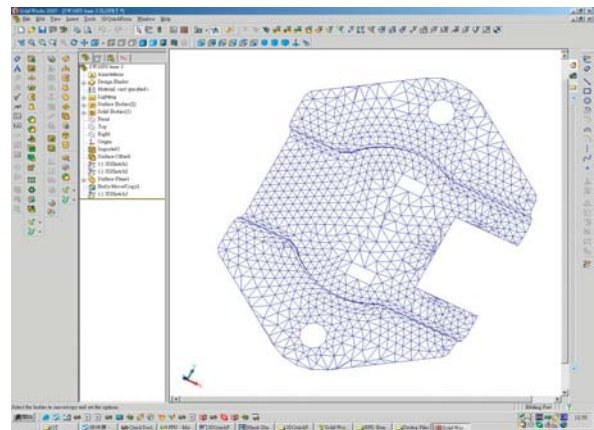
Professional Solution For Blank Shape Prediction



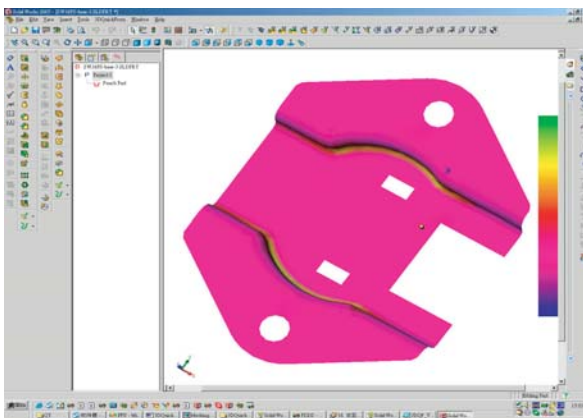
Output of initial blank shape

The built-in mesher is automatic and allows user adjustment to meet needs in different situations. Tool designers may fully concentrate on the die design processes and virtual try-outs. Simulations are run in project driven manner and support multiple projects, thus streamlining design feasibility study, process simulation and optimization. Simulation results are displayed to show initial blank shape, different material thickness, and stress/strain distribution. Customizable material database allows designers to test their design with different materials. Fully integrated with SolidWorks®, 3DQuickForm® is easy to use and rich in functions.

3DQuickForm® is the latest powerful SolidWorks® add-in application for inverse forming simulation. High speed, accuracy and full associativity with SolidWorks® data are taken into consideration to make 3DQuickForm® a production design tool for die designers. Users can either import different types of CAD data or build the die geometries in SolidWorks® environment for the forming studies. It helps OEM manufacturers, material suppliers and die manufacturers to deliver precision tooling in the shortest time and with minimum physical try-outs.



High-end CAE in user-friendly SolidWorks® user interface



Color plot of thickness, stress/strains, etc.

The powerful version of 3DQuickForm®, 3DQuickForm® Advanced, provides also stamping and flanging simulation, initial flat or initial curved blank, blank holder definition, various boundary conditions like fixed edges/faces, drawbeads, and symmetric plane, etc. Multiple-steps is supported as well.

3DQuickForm® is empowered by ESI technologies



3D QuickTools Limited

Our Mission: To enable tooling engineers to use the power of 3D design

Phone: +852 2788 2832

Fax: +852 2777 6676

Email: info@3dquickpress.com

Web: www.3dquickpress.com

