

Development of a methodology for lightweight design of warm formed components with complex geometries in heavy duty vehicle applications

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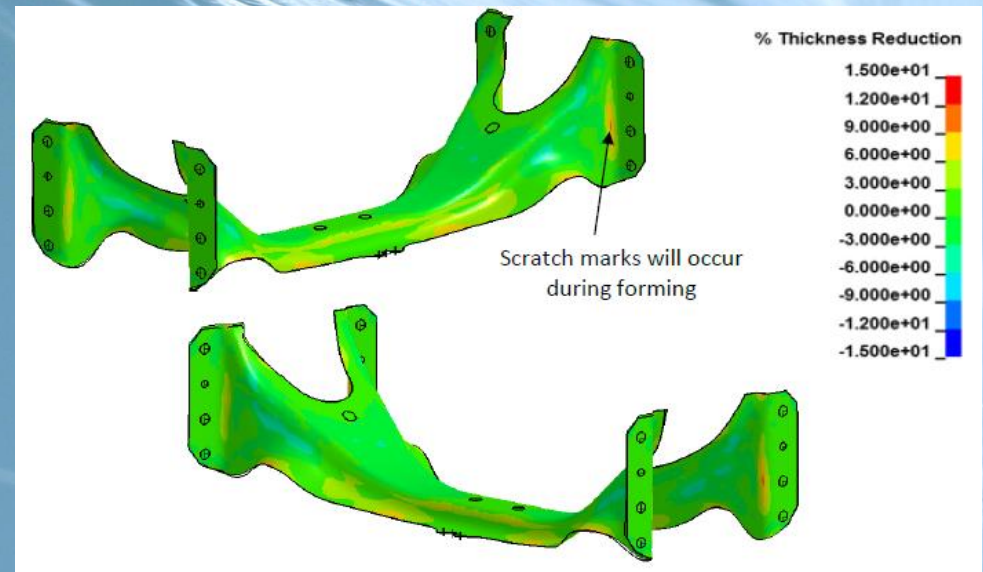
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Funding: RFCS

Advisor: Prof. Pär Jonsén

Research Scope:

The project aims to develop a predictive simulation methodology that supports an optimal design of a warm-forming process to meet the fatigue performance and lightweight demands of the HDV-sector. The project also strives to optimize the thermo-mechanical forming process for fulfilling the demands on the component regarding strength, elongation and fatigue-limit.



LIGHTer

