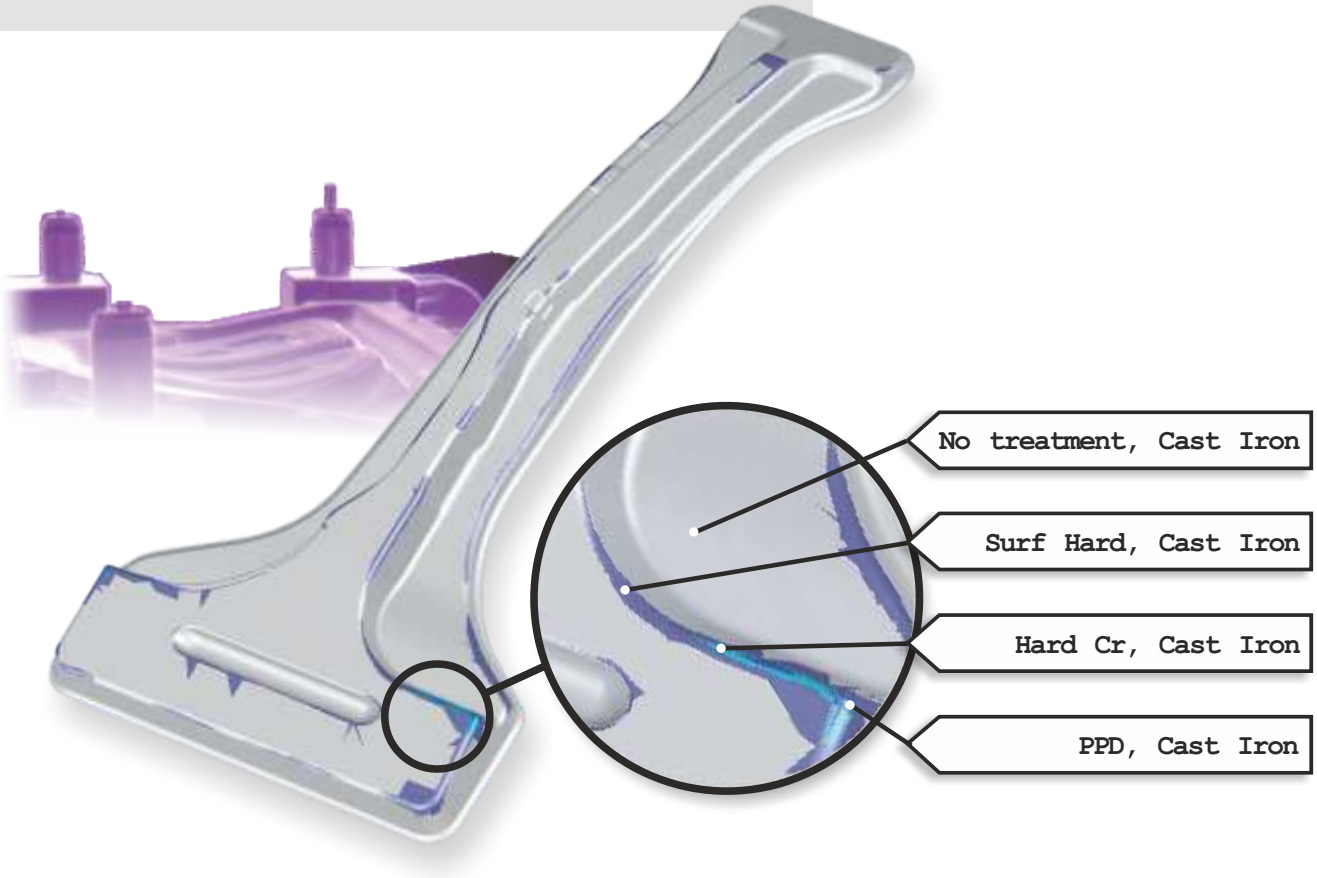
AutoForm-DieAdviser®

Software for Reliable Wear Assessment



- Definition of the optimal tool layout (potentially segmented tools)
- Cost-effective wear protection concept based on production volumes
- Identification of areas with intensive tool wear
- Lower lubricant consumption
- Better performance and durability of the tool

AUTOFORM
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AutoForm-DieAdviser®

Longer Lasting and Lower Cost Tooling

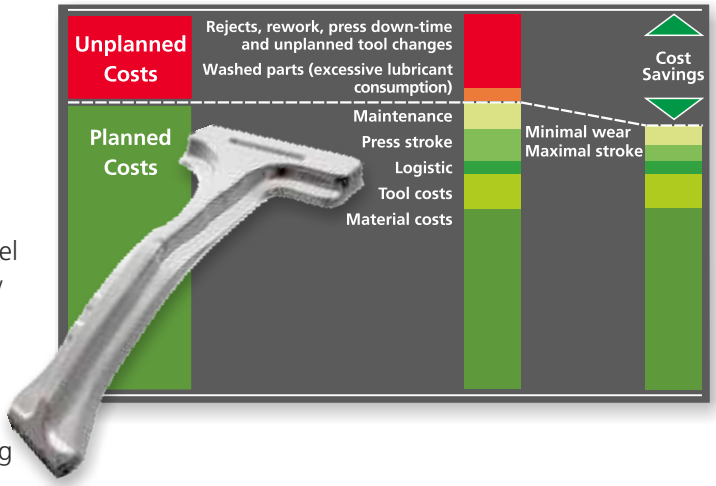
AutoForm-DieAdviser determines the optimal tool layout and efficient wear protection concept, based on AutoForm-FormingSolver simulation results. The durability of tool materials, hardening treatment and tool coating are predicted taking the production quantity and press stroke rate into account.

Precise identification of critical tool areas for wear protection and recommendation for the efficient wear protection concept are essential for an early assessment of the tool durability and its related costs.

With AutoForm-DieAdviser, an optimal tool layout considering different tool materials, necessary surface hardening, appropriately positioned steel inserts, full steel segmentation or tool coating is determined in just a few minutes.

An efficient wear protection concept defined already in the tooling engineering phase helps to avoid later expensive tool modifications during tryout or during production. Such efficient concept enhances the performance, usability and durability of the tool and ultimately reduces tooling costs.

Tool failure (marked in red) by applying hard chrome plating



Improved production efficiency is achieved by minimizing rejects and press down time in production, using less lubricant and allowing higher press stroke rates. Beyond that, the additional important benefit is improved and consistent part quality.

Advanced PVD coated steel segmentation

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Features & Benefits

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