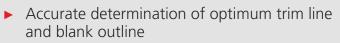
AutoForm-Trim

Software for Automatic Determination of Optimum Trim Line and Blank Outline



B-2

B-3

D-4

B-5

- Simultaneous development of trim and draw dies
- Shortened design cycle for the complete tool set





AutoForm-Trim

An Integrated Solution for the Tryout of Trimming Tools

AutoForm-Trim in combination with AutoForm-FormingSolver is an essential tool for the determination of optimal trim lines and blank outlines. The software enables users to design trimming tools simultaneously with the draw die.

The trim line is optimized to ensure that the desired AutoForm-Trim enables users to design trimming tools shape and dimensions of the part boundary are obtained simultaneously with the draw die, which leads to at the end of the process. AutoForm-Trim automatically significant reduction in time needed to design the adjusts the trim line to remove or add sheet metal until complete tool set. the desired part boundary is achieved. Part after trimming optimization: Part boundary (grey) matches Non-optimized original the target boundary (blue) trimline (grey) and optimized trimline (blue) Part before trimming optimization: Part boundary (grey) deviates from the target boundary (blue)

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