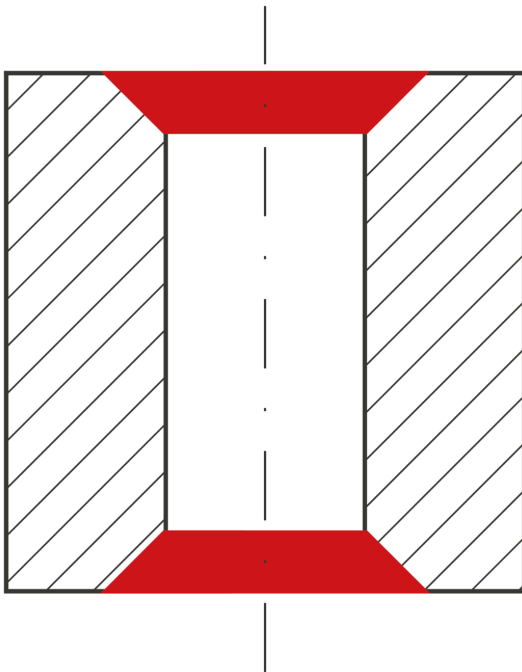




Steering Knuckle

Increased economy thanks to the HEULE chamfering solution.



Customer application

To win a large project this customer was looking for a solution to machine steering knuckles in the most cost-effective way. Relatively large chamfers had to be machined to a number of bores, forward and backwards in a single pass without having to reclamp the workpiece and without manual deburring.



Solution

The DEFA chamfering tool is chosen for these chamfering applications due to the required chamfer size, dimensional accuracy and the interrupted cut.

Customer benefit

The focus is on the cost-effectiveness of the solution. The cycle / production times without stopping the spindle, spindle direction change, interpolation and workpiece re-clamping was less time-consuming than alternative manufacturing processes.

- Chamfering front & back in One Operation
- No stopping of the spindle
- No spindle direction change
- No workpiece reclamping
- More cost-effective solution than alternative manufacturing processes