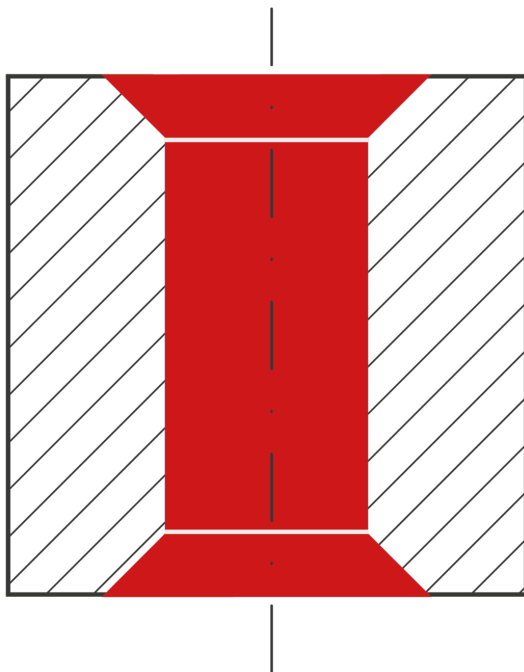




## Sprocket wheel

34% cycle time reduction.



## Customer application

The customer mainly manufactures components for the automotive and fittings industries. They manufacture, among other things, flanges, sprockets and drive shafts. Prior to this, the customer had drilled the bores with a solid carbide tool and deburred both forwards and backwards with a deburring tool. The cycle time for all 12 bores was 320 seconds. They had to rework the workpieces outside of the machine because the deburring tool failed to produce a consistent chamfer.



## Solution

The customer decided to use a HEULE VEX-P drilling and chamfering combination tool. This tool allows the user to machine the bores in a single setting and without the need to switch tools.

## Customer benefit

By using the VEX-P tool, the customer was able to reduce the production time by 34 percent to now 210 seconds . The customer is very satisfied with the reduction in production time and the improvement in process reliability. They are particularly impressed with the tool's simple handling and easy blade change of the SNAP chamfering blade.

- Bores machined in one operation
- No need to change tools
- No manual rework required
- Reduction of production time by **34%** (from 320 seconds to 210 seconds)
- Over 900 machining hours saved annually
- **Cost saving: USD 100.000 per year!**