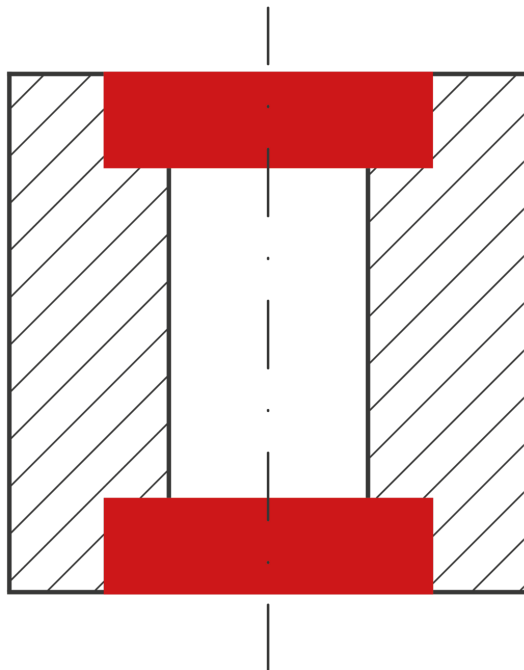




Gearbox components for tractors

The customer processes eight components per re-clamping with the complete solution.



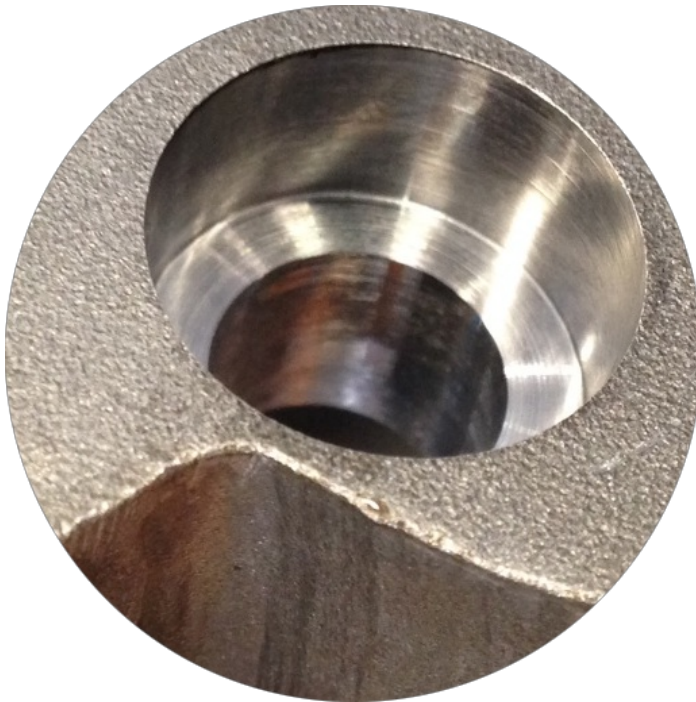
Customer application

The customer was looking for a more economical solution for producing bores and counterbores into tractor gearbox components.



Solution

The proposed solution is the HEULE SOLO back counterboring tool. Due to the fact that the bore is typically smaller than $\varnothing 12.5$ mm (12.45), a bush is used to avoid welding. Due to clamping, there is limited space behind the bore, which must be taken into account when programming (horizontal machining).



Customer benefit

The SOLO tool enables the complete machining of 8 workpieces per clamping. The tedious re-clamping and time-consuming interpolar milling of the countersink are no longer required (sinking depth approx. 10 mm). The customer now has a reliable, fast and complete solution.

- Elimination of re-clamping
- Elimination of time-consuming interpolar milling of the countersinks
- Reliable, fast and complete solution