

Application Report

Component for gear

COUNTERSINKING TOOLS | TRANSPORT INDUSTRY



Categories

COUNTERBORING

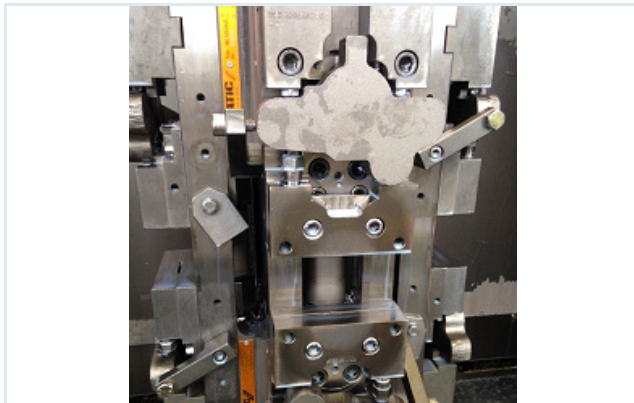
ENGINEERING STEEL

SOLO

Description

The customer is looking for a solution to produce countersinkings of bores of a component for a motor vehicle.

Application details



- Bore: $\text{Ø}12.5 \text{ mm}$
- Countersinking: $\text{Ø}15.0 \text{ mm}$
- Material: OSTE 460N (similar to 1.8901)



Proposed solution



The proposed solution from HEULE is the countersinking tool SOLO.

Machining parameters:

Cutting speed: 55 m/min

Working feed: 0.03 mm/rev

Coolant: internal coolant

Customer benefits

The SOLO enables a complete treatment of 8 workpieces per setting. The laborious encompassing can be eliminated completely as well as the time consuming interpolar milling of the countersinking (sinking depth approx. 10mm). The customer has now a process reliable, fast and complete solution.

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