



## V300: Car transmission shafts

### Automated end machining

- › Complete end machining of gear shafts
- › Cycle 1.85 min
- › Runout from left to right side of  $\leq 10\mu\text{m}$
- › Short loading/unloading times due to swivel loader of  $\leq 12$  sec.
- › Simultaneous deep hole drilling left/right 25xD





## Ends Turning of passenger car transmission shafts in an automated system

Various passenger car transmission shafts are end-machined on this plant.

The forging blanks are loaded from the pallet belt into the machine by a gantry loader. There, the workpiece ends are turned in the centre drive and deep-hole drilled on both sides.

The gantry loader has a swivel gripper for quick blank-finished part changes. The workpieces are placed back on the pallet belt after machining.

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### Workpieces

Length [mm]	450 mm
Diameter [mm]	60 mm
Weight [kg]	6 kg
Cycle [min]	1:85

# Features



Working space during machining



Automation during the workpiece change

# Our service. Fast and competent – worldwide.

The satisfaction of our customers has a particularly high priority for us. That is why we attach great importance to agile and competent service that supports our customers quickly and effectively.

To achieve this, we quickly bring the specialists from our production in contact with your problem. If the problem cannot be solved by telephone analysis and consultation or remote access, we quickly organize an on-site intervention by our competent staff.



## Our service for Machine tools

1. fast response
2. competent service
3. digital twin
4. remote access
5. worldwide resources of DVS Group



## Our service for assemblies

1. fast reaction, also at your site
2. competent service
3. subsidiaries in USA and China
4. digital spindle profile
5. smart spindle chip - SSC



## We train your employees

1. machine operation
2. mechanical maintenance
3. electrical maintenance
4. spindle repair

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