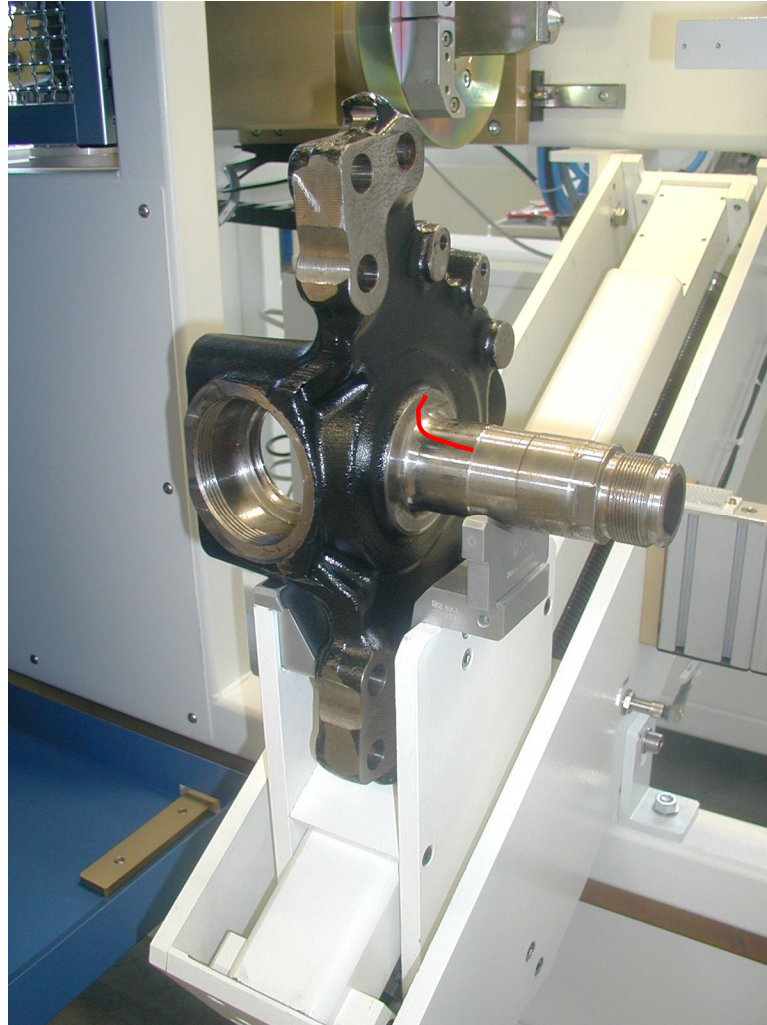


*Semi-automatic crack detection on
steering knuckles for lorries
with 1-channel eddydetector®*



*Test location: plane area, radii area and
cylindrical area of the stem
(refer to photo)*

*Kind of test: semi-automatic; the system is fed
and discharged by means of a
crane; crack test runs
automatically*

Cycle time: < 3 minutes

Crack specifications

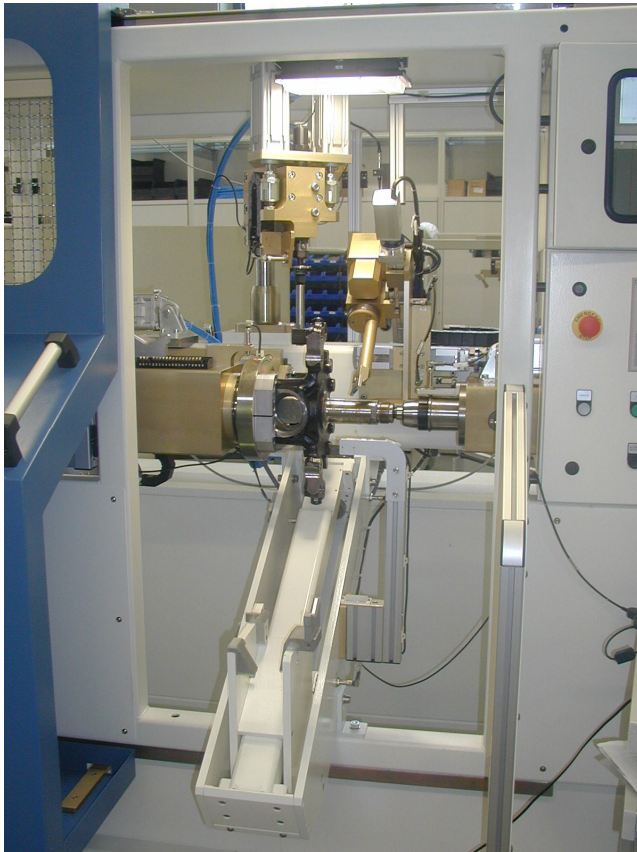
Crack depth:0.300mm

Crack width:0.100mm

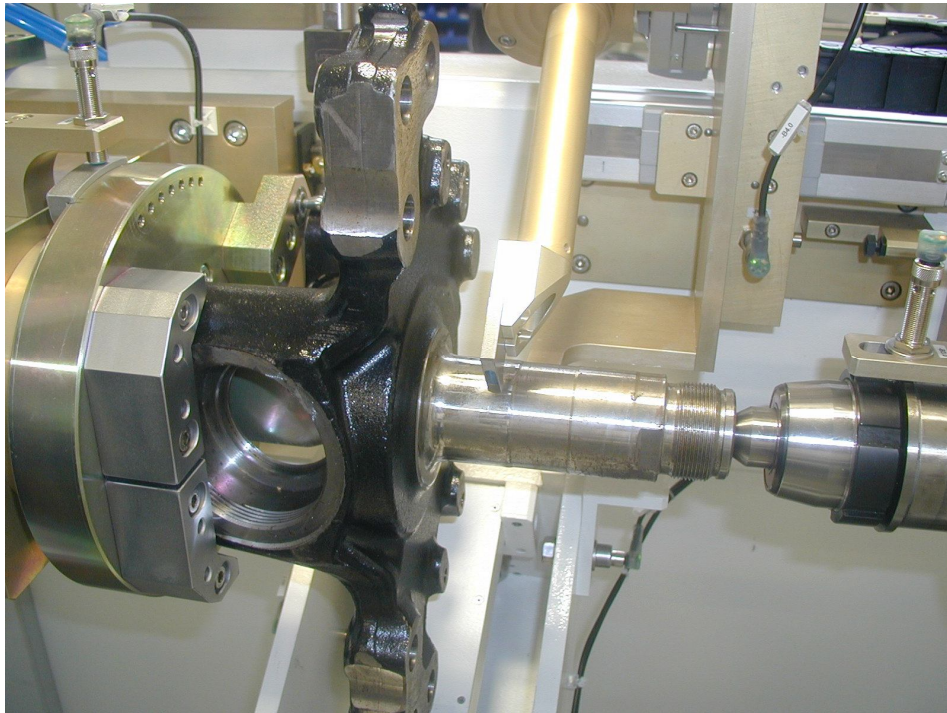
Crack length:5.000mm



The test system is closed during testing.



The test part is placed in position on the transport slide by means of a crane. Transport to test station as well as test itself are effected automatically.



The part is clamped in test station. The crack detection probe scans the area of interest without contact. After the test, the o.k.-part is marked with a stamp.

After a certain, freely programmable time interval, the system required a master part (with artificial defect) in order to check function of system.