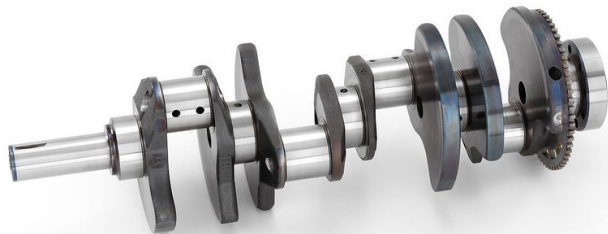




Verify compliance of crankshafts

Measurement of all features in seconds

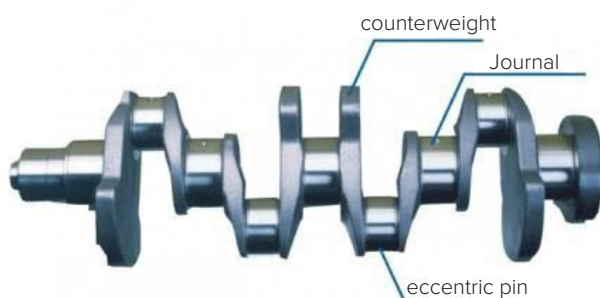


Measuring shafts with eccentrics

TECHNO is the ideal machine for measuring eccentrics typically found on motor shafts and pump shafts.

The VICIVISION measurement system can ensure the best accuracy by offering specific solutions for eccentric pin measurement:

- Eccentricity (Stroke)
- Diameter
- Circularity/ roundness
- Cylindricity
- Angular phasing / Timing
- Dynamic parallelism
- Radius



Features specific to crankshafts

The VICIVISION system allows the DXF-format profile of the pivot fillet radii to be exported before the rolling process.

The data is saved with the serial number of the component. After rolling, the previously saved profile can be imported and compared with the actual profile to verify the penetration height.



The complete solution for shaft measurement



Ensuring the best accuracy

Quality control of complex parts such as crankshafts can be time-consuming and must often be performed in the metrology room. Obtaining accurate and objective results during dimensional inspection therefore becomes critical.

VICIVISION has developed specific instruments to measure a variety of applications and ensure reliable results.

Process control and optimization of production

The measurement system performs data collection automatically and produces a measurement report in less than a minute.

In this way, companies working on large batches can correct production parameters in advance by trending measurements. This means avoiding out-of-tolerance values and consequently greatly reducing rejects.

With the tool wearing compensation function, the machine can communicate with the machining center to automatically correct tool parameters.