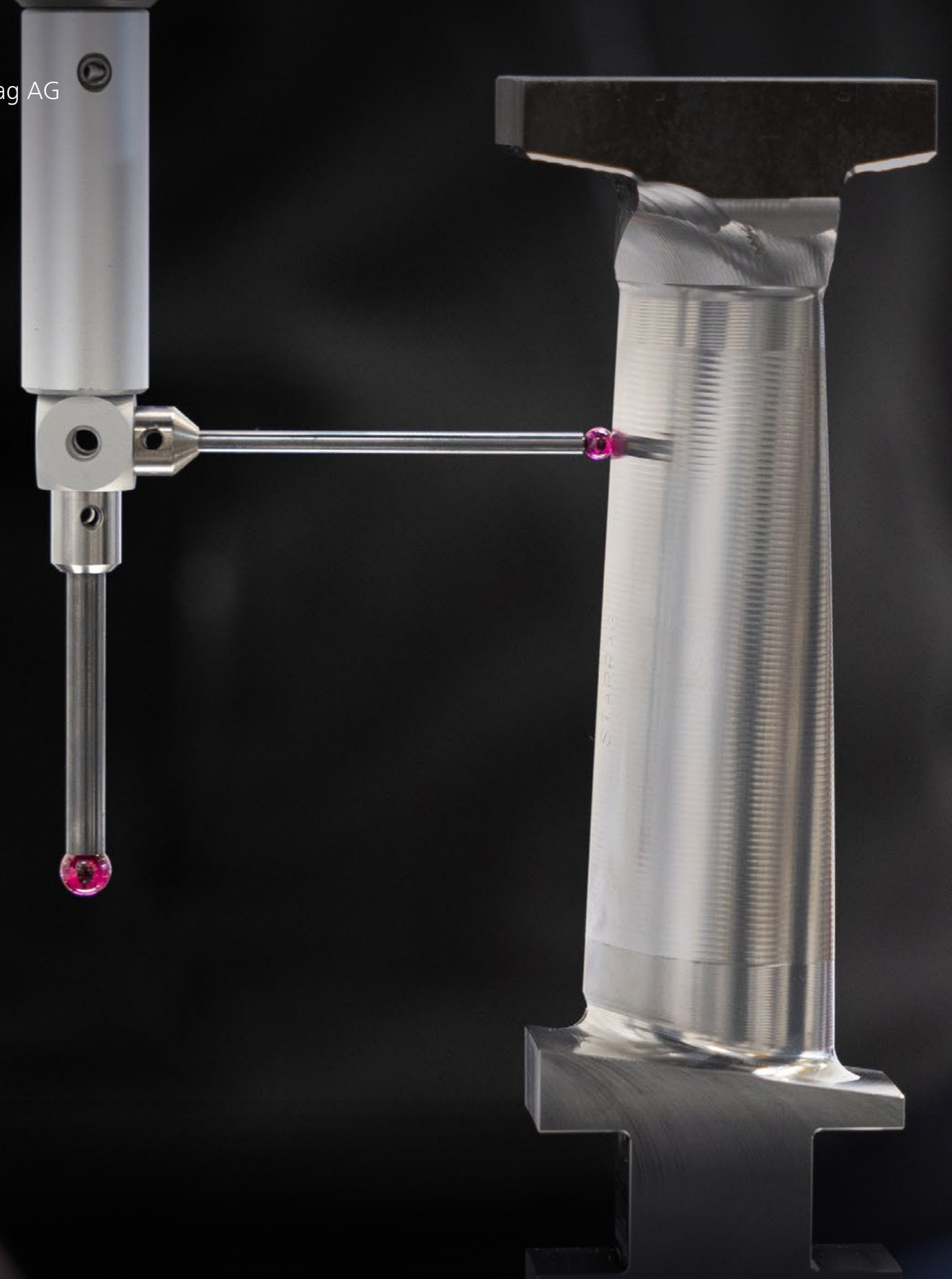




“The issue of speed and accuracy has always been a bit of a contradiction until we installed the new generation of the ZEISS PRISMO fortis.”

Roland Ziltener
Plant Director, Starrag AG



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ZEISS Quality Innovation Days 2024?

Starrag AG

Quality inspection solutions for turbine engine applications

Starrag develops and produces manufacturing solutions for the aerospace industry. To shorten measurement times for turbine blades, the Swiss company was the first in the world to work with the ZEISS PRISMO fortis coordinate measuring machine as part of a pilot project. Find out how they have transformed manufacturing processes across plants for efficient quality control.

Industry

Aerospace

System

ZEISS PRISMO fortis

Software

ZEISS CALYPSO

Challenges

- Quality inspection of engine components is expensive and time-consuming, accounting for 20 % of the total production cost and 25 % of the total production time.
- Achieve high-efficiency measurements that deliver fast, highly accurate, and easily reproducible results.
- Inefficient and time-consuming inspection processes.

Solution

- ZEISS PRISMO 7/12/7 fortis AERO for the shopfloor.
- ZEISS CMM Acceleration Mode for aerospace applications comprises ZEISS VAST Rotary Table Axis (ZVRA) and ZEISS VAST Rotary Table (ZVR).
- Versatile software – ZEISS CALYPSO and ZEISS INSPECT Airfoil – can be used with various measuring machines and sensors.

Benefits

- Faster performance of the blade and Blisk measurement.
- Cuts measuring and setup time and slashes costs in essential area of quality inspection.
- Targeted application support included.
- Up to 70 % time saving compared to standard scanning parameter.
- Easy preparation of measurement plan and processing of results in ZEISS CALYPSO.