3D surface measurement application





Surface of a face-turned metal plate

- Face-turned surface of small metal parts (with high flatness requirements)
- Task: Determination of groove depth, flatness and roughness parameters





mm

уm

7

6

5

3

2



Topography of honed inner cylindrical surfaces

- Functional surfaces in automotive industry (e.g. honing structures)
- **Task:** Analysis of surface texture and geometry,

detailed visual surface metrology reports (DIN EN ISO **roughness**, **height** and **volume** parameters, **particle** and **grain** analysis). Measurement with 10 x Mirau objective and Vertical Scanning Interferometry (VSI) method











Particle analysis in cosmetics (face cream surfaces)

- Medium fluid face cream
- Task: Analysis of solid particles (size, shape, statistics) in the cream surface
- Measurement with 10 x Mirau objective and Vertical Scanning Interferometry (VSI) method

1.1

0.9

0.8 0.7

0.6

0.5

0.4

0.3 0.2 0.1 0.0





high-precision 3D surface measurement devices



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