



ZEISS EVO MA and LS Fisheye OptiBeam Mode



We make it visible.

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Introduction

The ZEISS EVO microscope column is controlled by the OptiBeam proprietary column control scheme that includes the established Resolution, Depth, and Analysis modes. Specimen navigation is now improved by the availability of Fisheye mode. With Fisheye the user is able to use the largest field of view yet devised for SEM for easy navigation across large specimens. The field of view is so large that the standard nine way carousel and the individual stubs mounted on it, can now be imaged simultaneously. Equally useful is the ability to navigate across large specimens typically found in engineering industries. This new development, coupled with the excellent new stage navigation graphics, provides the ultimate solution for feature location.

The key features of Fisheye OptiBeam mode are:

- Super large field of view
- Large depth of field

providing the following benefits

- Fast navigation
- Imaging of very large specimens

Imaging solutions for Materials Analysis

- Camshafts
- Diesel injectors
- Engineered components
- Forensics
- Automotive
- Large printed circuit boards
- Fully packaged devices



Figure 1
*Nine way carousel holder
with 12.5 mm diameter
stubs*



Figure 2
Wrench M8 screw

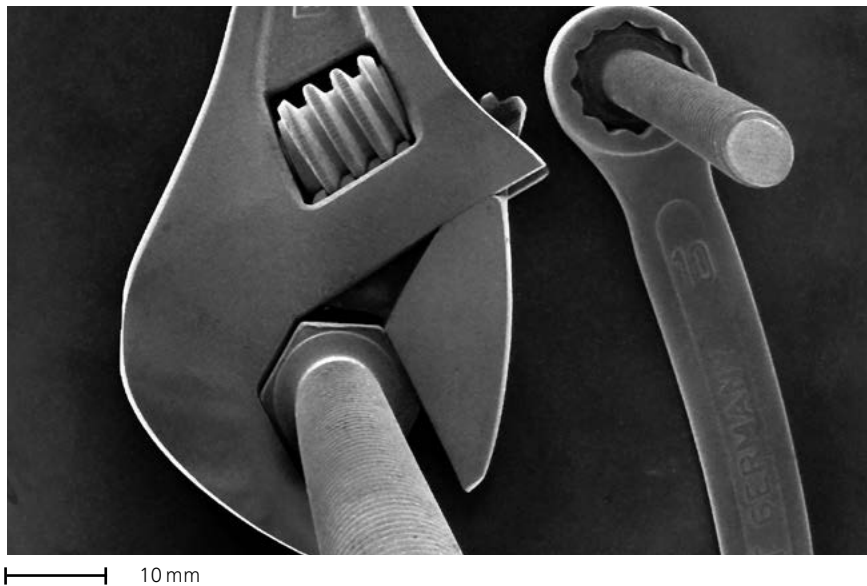


Figure 3
Domestic key

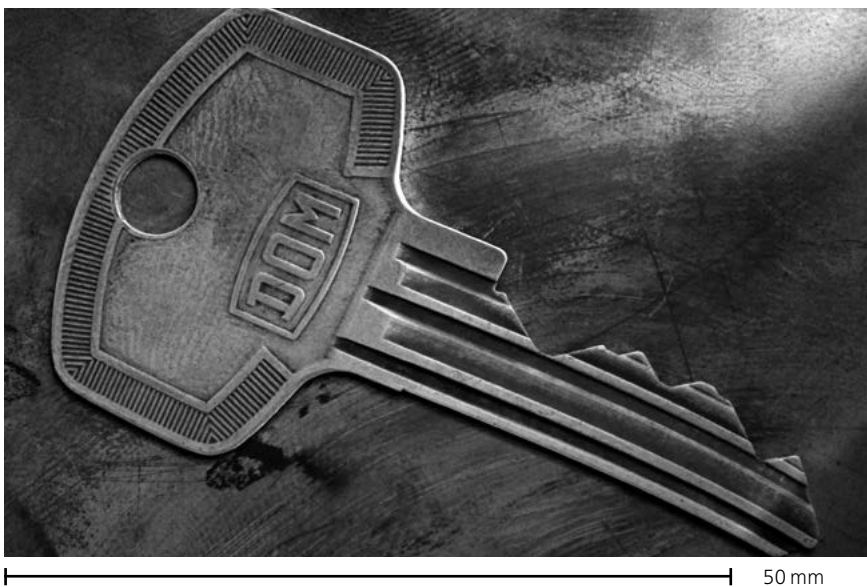


Figure 4
Gear wheel



Figure 5
Caliper with spring

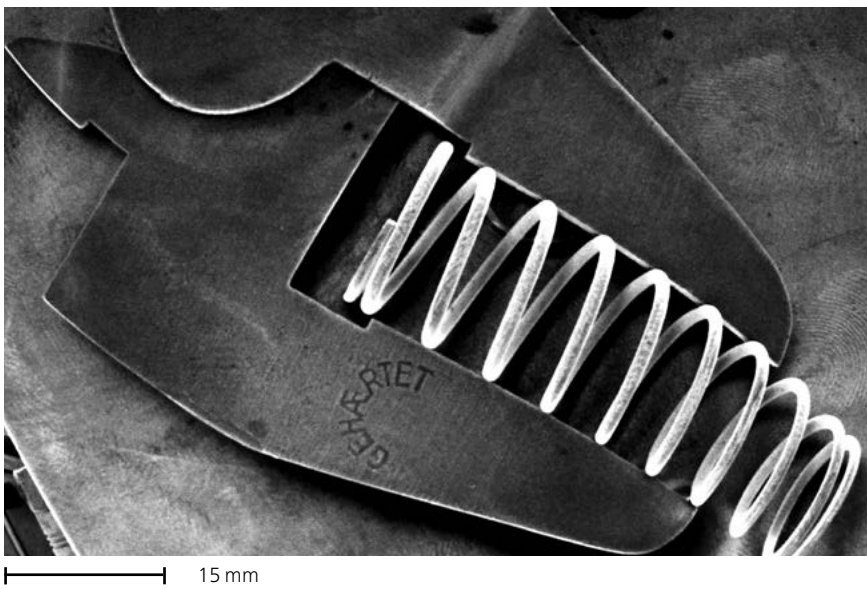


Figure 6
Bullet casing with bullets



EVO Series



Applications	ZEISS EVO Series	Conductors	Non Conductors	Hydrated Specimens	Wet Dynamic Processes
Materials Analysis	MA	✓	✓	<i>Future Assured</i>	<i>Future Assured</i>
Life Sciences	LS	✓	✓	✓	✓





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