

EVO® MA and LS Fisheye OptiBeam® mode

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



Fig. 1:
Nine way carousel holder
with 12,5 mm diameter
stubs



Fig. 2:
Wrench M8 screw

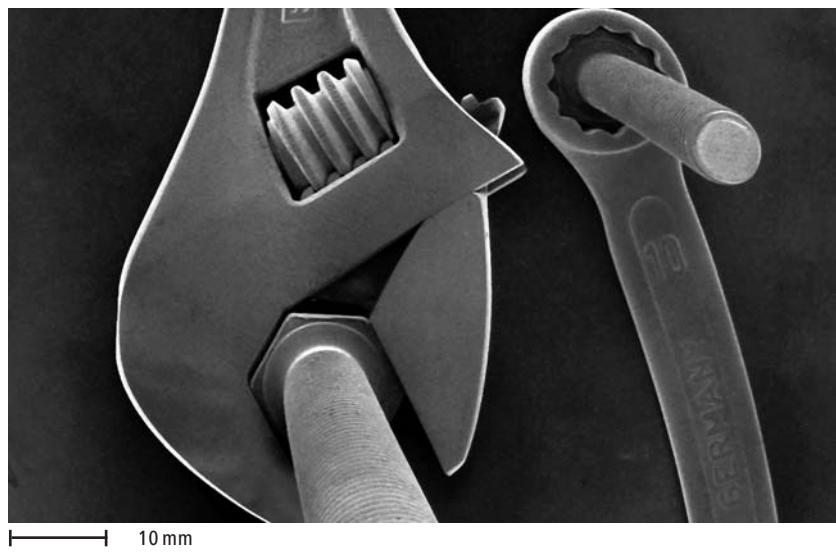


Fig. 3:
Domestic key

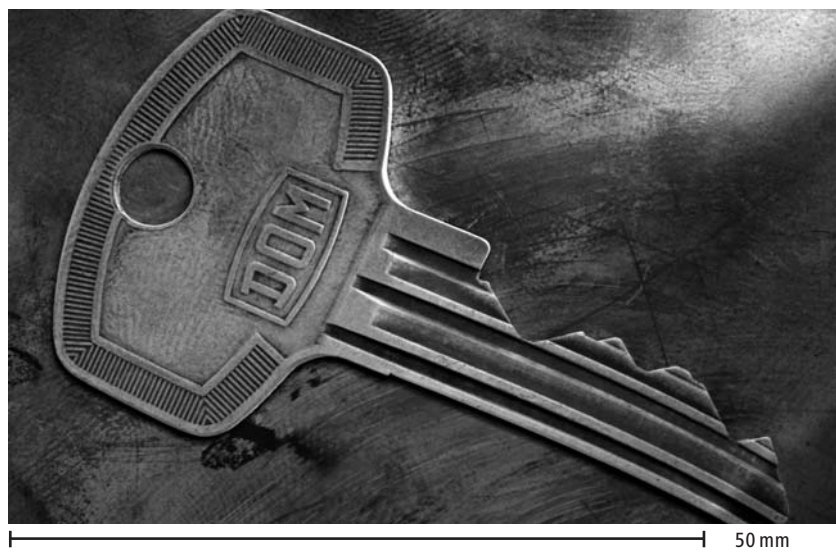




Fig. 4:
Gear wheel

70 mm



Fig. 5:
Caliper with spring

15 mm



Fig. 6:
Bullet casing with bullets

11 mm

EVO® Series



Maximum Information – Maximum Insight

More than 160 years of experience in optics has laid the foundation for pioneering electron and ion beam microscopes from Carl Zeiss. Superior integration of imaging and analytical capabilities provides information beyond resolution, unlocking the best kept secrets of your sample.

With a broad technology portfolio Carl Zeiss provides instruments both tailored to your requirements and adaptable to your evolving needs. With our highly versatile application solutions we endeavor to be your partner of choice.

Superbly equipped, regional demo centers provide you with access to our applications expertise developed in collaboration with world-class partners in industry and academia. Global customer support is provided by the Carl Zeiss Group together with an extensive network of authorized dealers.

Our mission at all times: Maximum Information – Maximum Insight.

EVO® Series					
Applications		Conductors	Non Conductors	Hydrated Specimens	Wet Dynamic Processes
Materials Analysis	MA	✓	✓	Future Assured	Future Assured
Life Sciences	LS	✓	✓	✓	✓



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