

# INTERNATIONAL STANDARD

# ISO 11882

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## **Optics and optical instruments — Microscopes — Interfacing connection for 35 mm SLR photo cameras (T-thread adaptation)**

*Optique et instruments d'optique — Microscopes — Raccord d'interface  
pour appareils photographiques SLR de 35 mm (adaptateur à filetage en T)*

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Reference number  
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International Standard ISO 11882 was prepared by Technical Committee ISO/TC 172, *Optics and optical instruments*, Subcommittee SC 5, *Microscopes and endoscopes*.

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# Optics and optical instruments — Microscopes — Interfacing connection for 35 mm SLR photo cameras (T-thread adaptation)

## 1 Scope

This International Standard gives specifications for the photo exit port of microscopes for connecting 35 mm single-lens reflecting (SLR) photo cameras (T-thread adaptation), without the associated 35 mm camera lens, with reference to the projected microscope image plane.

The adaptation of the 35 mm SLR photo cameras is obtained using camera-specific adapters which are not included in the scope of this International Standard.

## 2 Requirements

The connecting dimensions of the 35 mm SLR photo camera interface shall be as shown in figure 1.

## 3 Fitting arrangement for a 35 mm SLR photo camera

The fitting arrangement for a 35 mm SLR photo camera with an intermediate mechanical adapter shall be as shown in figure 2.

Dimensions in millimetres

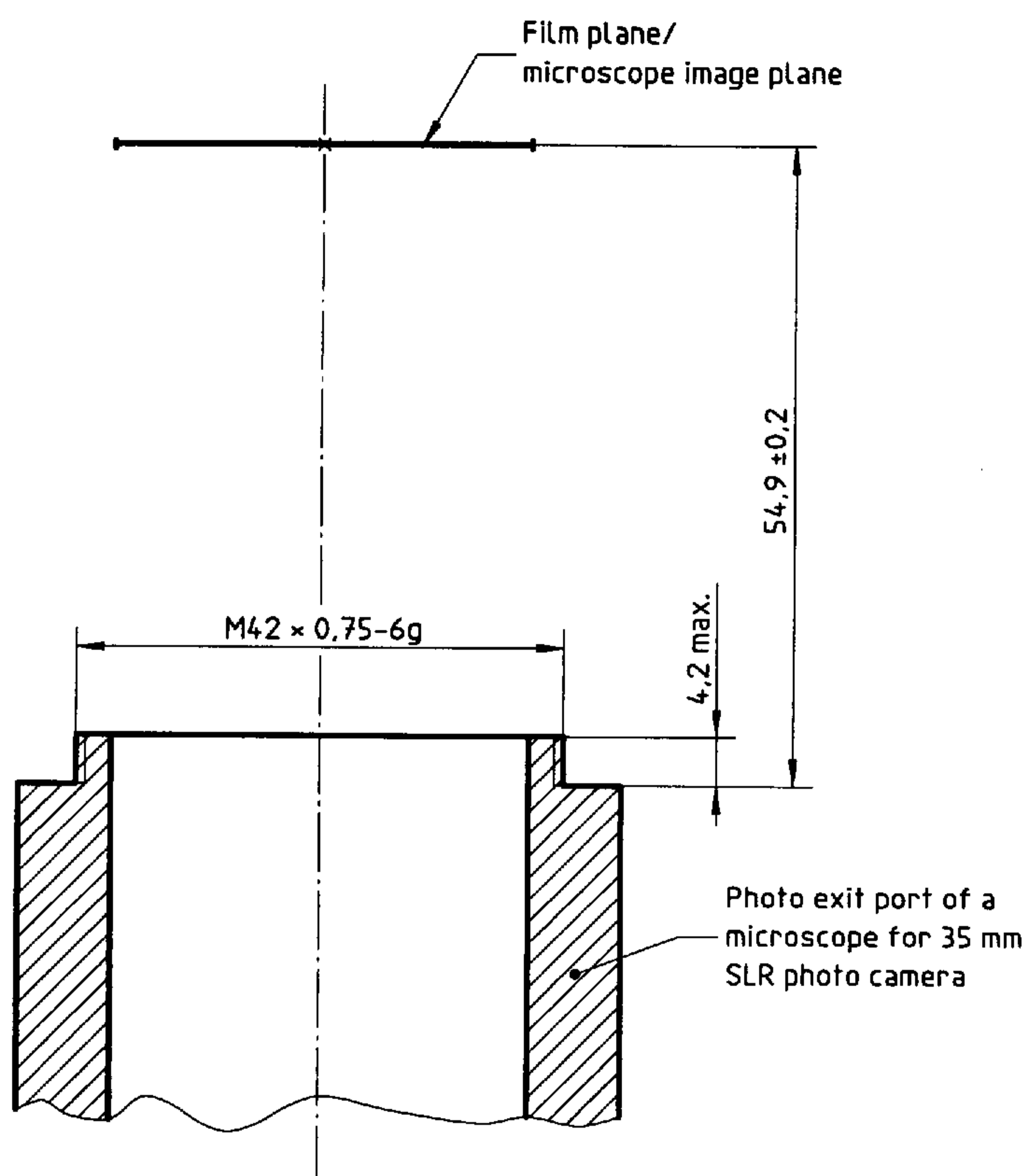
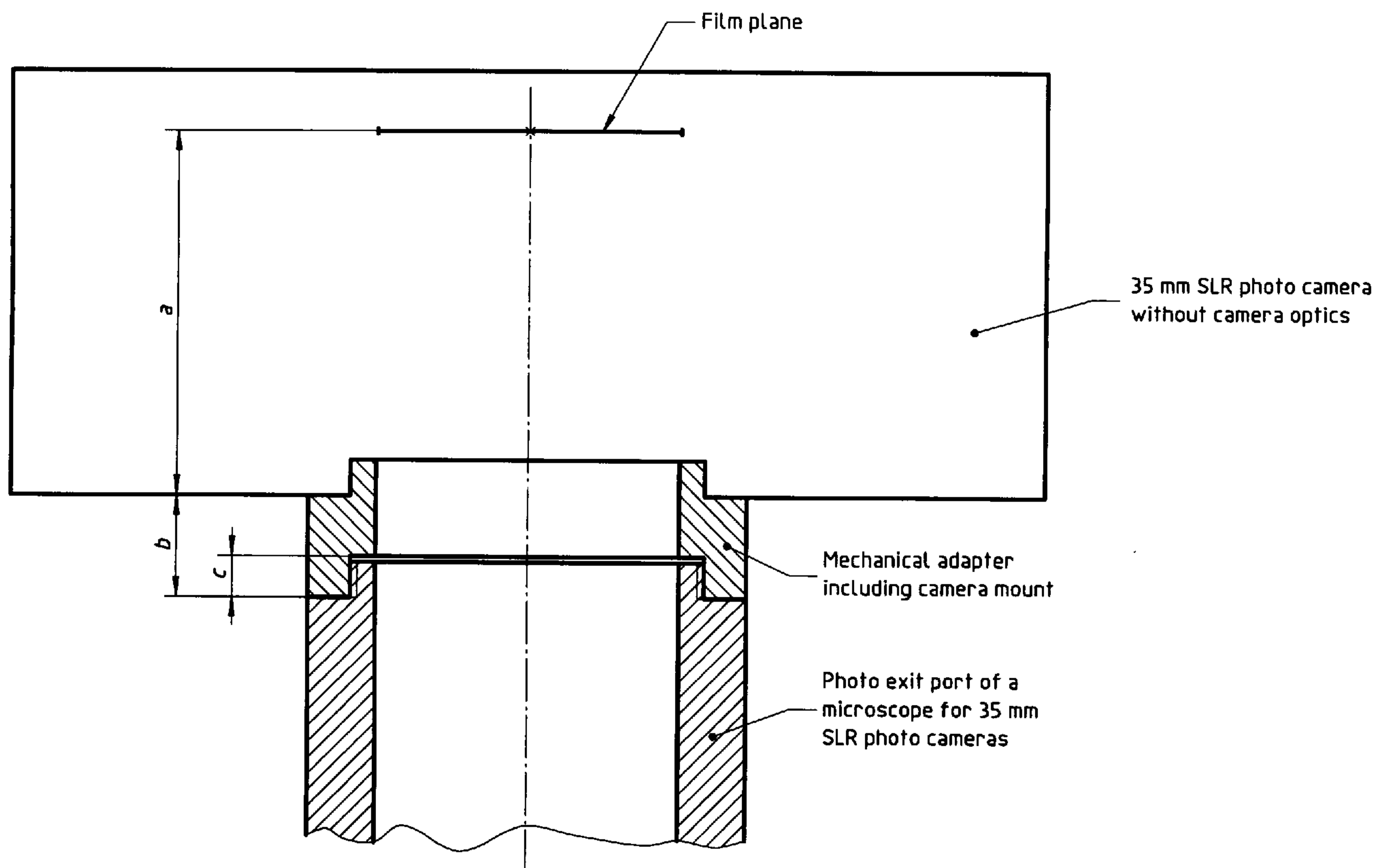


Figure 1



$a + b = (54,9 \pm 0,2) \text{ mm}$

$c \geq 4,5 \text{ mm}$

Figure 2

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**Descriptors:** optics, optical equipment, microscopes, optical microscopes, fittings, cameras, interfaces, dimensions, connecting dimensions.

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