
**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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ISO 11882:1997

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Foreword

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Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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.

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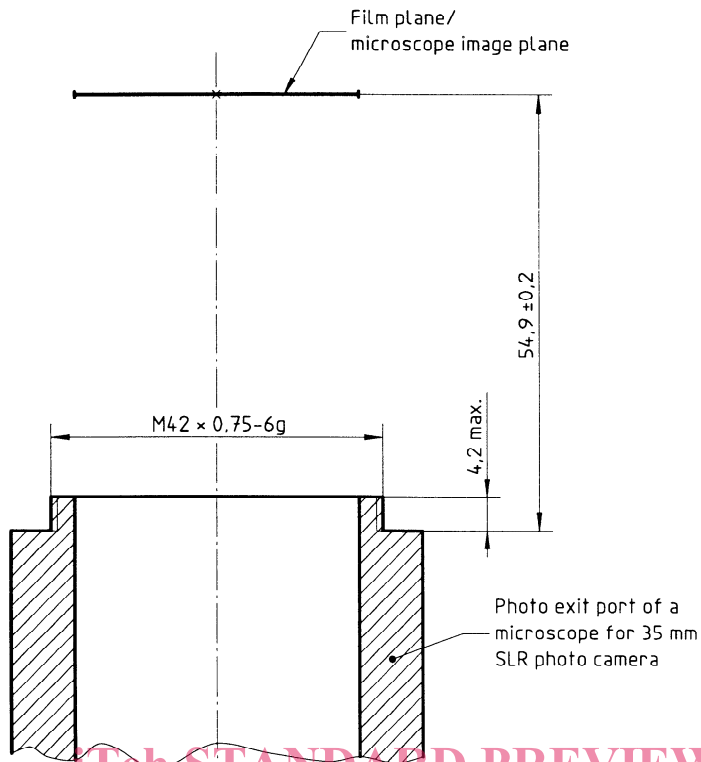
2 Requirements

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

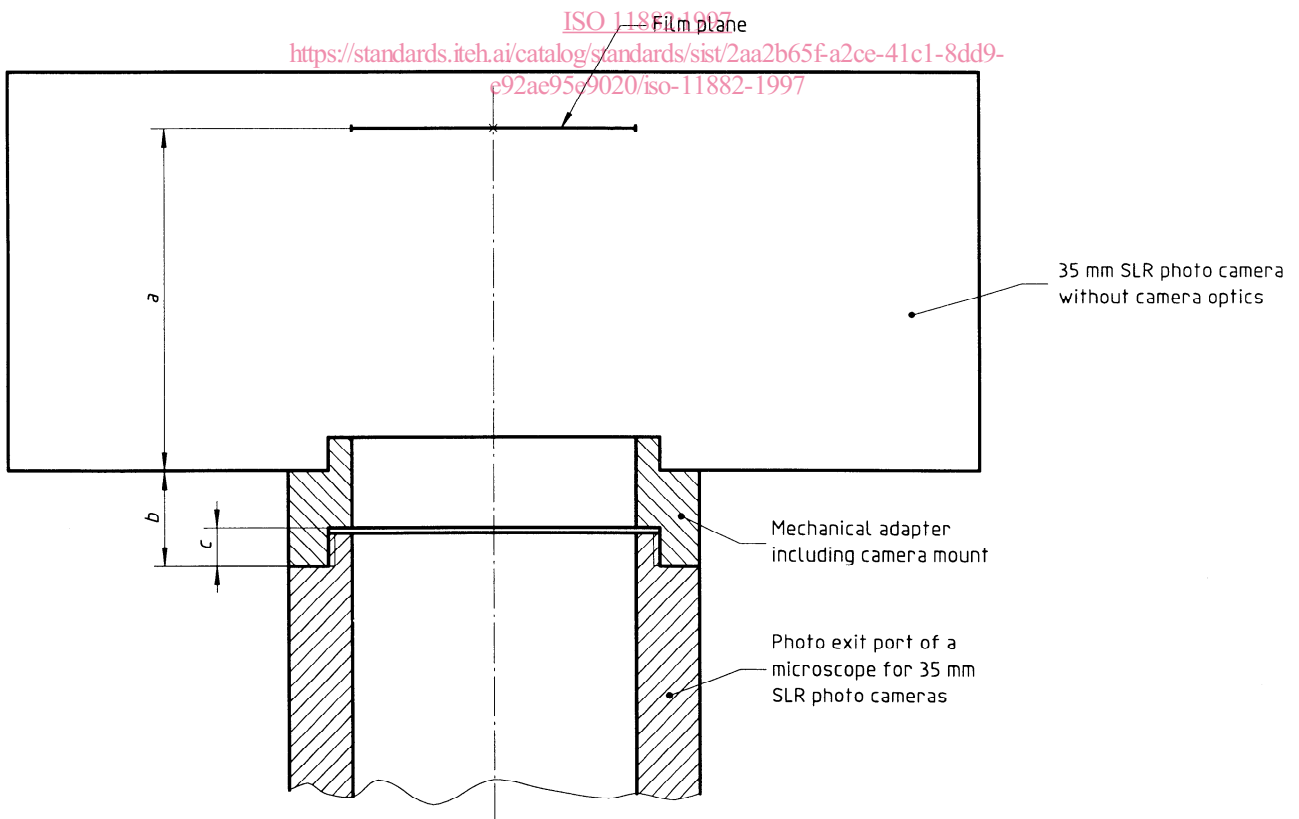
3 Fitting arrangement for a 35 mm SLR photo camera

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



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Figure 1



$a + b = (54,9 \pm 0,2) \text{ mm}$
 $c \geq 4,5 \text{ mm}$

Figure 2

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ICS 37.020

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

Price based on 2 pages
