

ZEISS

West Germany

Intermediate tube

with Bertrand lens and diaphragm
(473056)

with inclined binocular tube

S/30° Pol

(473036)

on Standard microscope

Supplementary sheet

for G 41-500/1-e

Equipment for Polarization microscopy

**Intermediate tube with Bertrand lens and diaphragm (47 30 56)
with inclined binocular tube S/30° Pol
(47 30 36)
on Standard microscope**

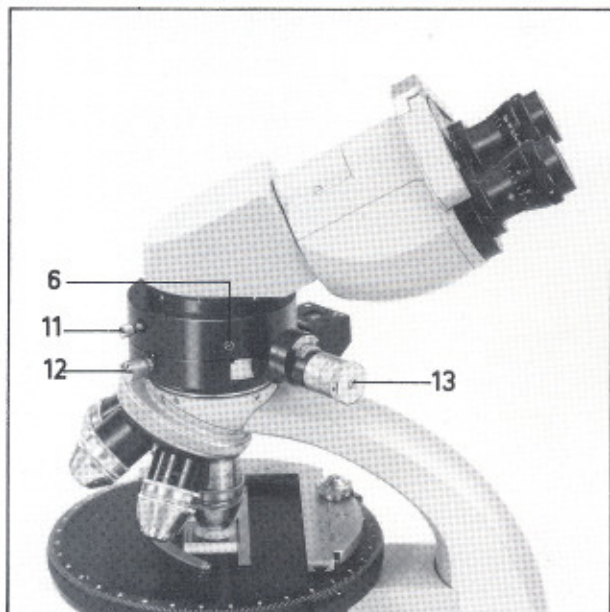
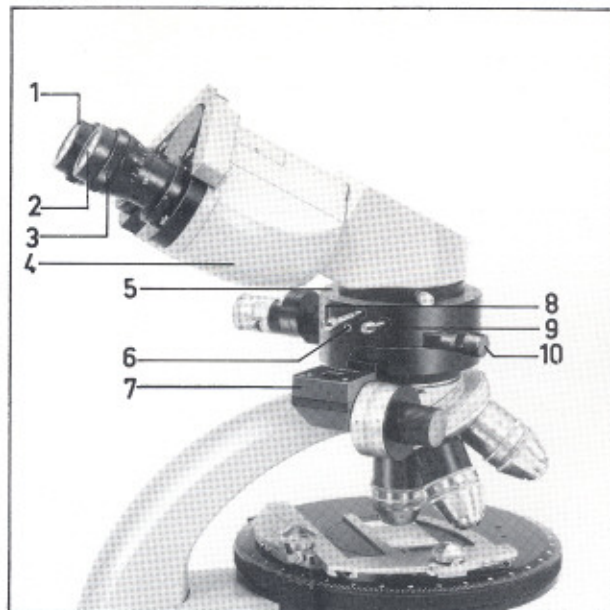
- 1 Eyepiece with focusing eyelens.
- 2 Pol eyepiece with reticle and focusing eyelens.
- 3 Screw to orient the crosshair eyepiece, fitted in horizontal groove of tube.
- 4 Inclined binocular tube S/30° (47 30 36)

Adjustment:

- Turn the eyelens of the Pol eyepiece out. View through the eyepiece against a bright surface. Looking through the eyepiece turn the eyelens slowly inwards until the crosslines are in focus. Insert the Pol eyepiece in one of the tubes, so that the screw (3) engages in the horizontal groove of the tube edge.

- Sharpen the image focus in the crosshair eyepiece by moving the microscope adjustment. Insert eyepiece with focusing eyelens into the second tube. Adjust the distance between tubes so that the user has a round, sharply defined field of view. Turn the eyelens of the eyepiece to focus sharply on the specimen.

- 5 Intermediate tube (47 30 56) with focusing Bertrand lens and diaphragm (Bertrand optical system).
- 6 Hexagonal socket screws (2x), to center the Bertrand optical system with the Allen key supplied.
- 7 Tilting compensator, inserted in slot (cross section 6 mm x 20 mm).
- 8 Slider with pinhole diaphragm
pushed in: only the conoscopic image is visible
pulled out: conoscopic and orthoscopic images are visible simultaneously.
- 9 Slider with Bertrand diaphragm to occlude objects of various size in the center of the field of view.
pushed in: maximum aperture
center position: medium aperture
pulled out: minimum aperture



- 10 Knob with scale to focus the conoscopic image. Certain focusing positions can be marked on the scale.
- 11 Slider with double-faced mirror to bring the Bertrand optical system into the beam path, pushed in: Bertrand optical system in the beam path. For orthoscopic observation the slider with diaphragm must be pulled out (8).
- 12 Clamping screw for analyser slider.
- 13 Analyser, pushed in.