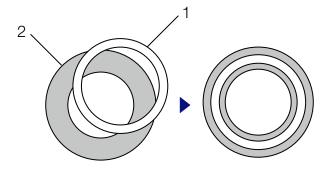


Phase Contrast Adjustment

- 1. Ensure that the microscope is properly adjusted for Köhler, set to brightfield illumination mode, and the aperture stop is fully opened.
- 2. For each phase objective, turn the condenser turret to engage the corresponding phase ring (see the inscription on the objective).
- **3.** Remove the eyepiece and insert a centering telescope. Use the centering telescope's focus to bring the back focal plane image into focus so you get a pinsharp image of both the phase ring slit and the phase plate at the same focus position.
- **4.** Turn the centering screws of the optical element to center the phase ring slit. The phase ring slit is perfectly centered when the bright ring slit image (see 1 in the image below) is concentrically inscribed in the dark image of the lens' phase ring (see 2 in the image below).



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