

Fig. 48



6 Use of Coarse Focus Stopper

(Fig. 48)

The coarse focus stopper is provided to prevent the objective from hitting the specimen and to speed focusing. Locking the coarse focus stopper lever ① by turning it in the direction of the ARROW will define the coarse focus adjustment knob's upper limit.

- ★ The fine focus adjustment knob's movement is not affected.
- ★ Even when replacing the specimen by lowering the stage once, the specimen can be brought into an approximate focus by raising the stage up to the upper limit specified by the coarse focus stopper. Then, by making fine focus adjustment with the fine focus adjustment knob, the specimen can quickly be brought into focus.

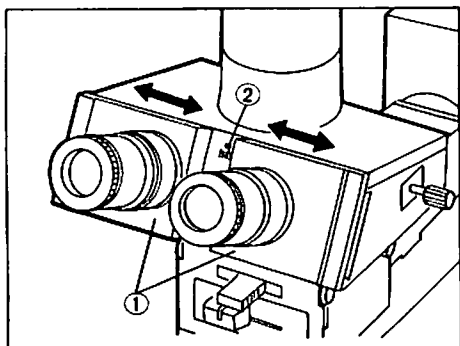


Fig. 49

7 Interpupillary Distance Adjustment

(Fig. 49)

1. Press the objective magnification button to engage the 10X objective.
2. Looking through the eyepieces with both eyes, adjust the interpupillary distance by sliding the knurled dovetail slides ① of the right and left eyepiece sleeves until perfect binocular vision is obtained.
 - ★ The knurled dovetail slides are provided with an interpupillary distance scale ②. Once you know your interpupillary distance, you may wish to use the scale for rapid adjustment of your I.P.D.

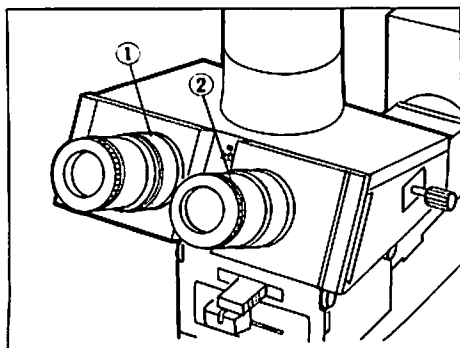


Fig. 50

8 Diopter Adjustment

(Fig. 50)

1. Looking through the right eyepiece with the right eye, bring the specimen into focus using the coarse and fine focus adjustment knobs.
2. Looking through the left eyepiece with the left eye, rotate the diopter adjustment ring ① to bring the specimen into focus.

When a Field-of-view Eyepiece ([35]WHK10X) is used with the Trinocular Tube (BH2-TR30/BH2-TTR) (Figs. 50, 51)

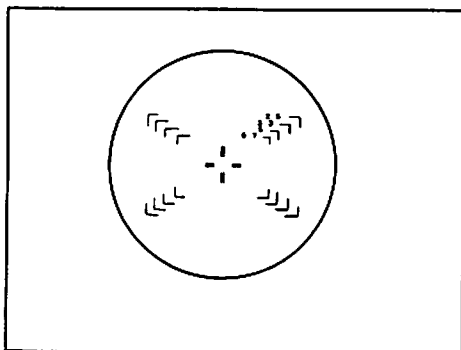


Fig. 51

1. Looking through the field-of-view eyepiece with the right eye, rotate the knurled collar ② on the eyepiece (Fig. 50) until the double reticle lines (Fig. 51) can be sharply distinguished as two separate lines. Then bring the specimen into focus using the coarse and fine focus adjustment knobs.
2. Looking through the left eyepiece with the left eye, rotate the diopter adjustment ring ① (Fig. 50) to bring the specimen into focus.

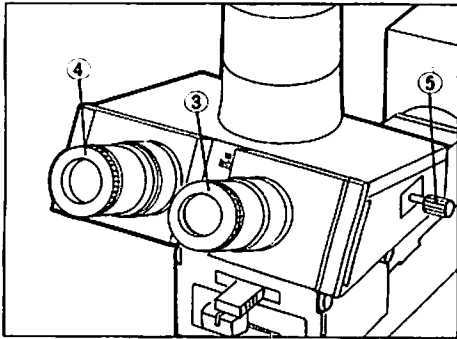


Fig. 52

When Using the Superwide Field Trinocular Tube (BH2-SWTR) (Fig. 52)

1. Looking through the right field-of-view eyepiece with the right eye, rotate the knurled collar ③ on the eyepiece until the double reticle lines (Fig. 51) can be sharply distinguished as two separate lines.
2. Adjust the coarse and fine focus adjustment knobs so that both the reticle lines and the specimen are sharply in focus.
3. Looking through the left eyepiece, rotate the knurled collar ④ on the eyepiece to bring the specimen into focus.

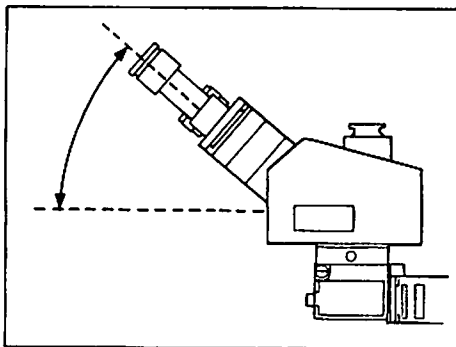


Fig. 53

9 Tilting the Observation Tube (for BH2-TTR/TBI only) (Fig. 53)

The observation tube can be tilted to an angle for viewing in the most comfortable position. Grasp the observation tube and raise or lower it to the desired position.

Light path selector knob	IN	Halfway	OUT
Indication	V (white)	C - V (green)	C (red)
Light path	100% to binocular tube	20% to binocular tube 80% to photo tube	100% to photo tube
Application	General observation Observation of dark specimens	Observation of too-bright specimens Photomicrography with focusing through binocular tube	Photomicrography of dark specimens

Table 1

10 Selecting the Light Path (for Trinocular Tube) (Fig. 52, Table 1)

BH2-TR/BH2-SWTR

Slide the light path selector knob ⑤ on the right-hand side of the trinocular tube to the desired position (Table 1) until a click is heard.

BH2-TTR

There are two positions to choose from:

- Pushed in: For observation only (100% to binocular)
- Pulled out: 20% to binocular tube, 80% to photo tube