

Extending the Lens

When not in use, the collapsible lenses of the LEICA can be unlocked by turning the front slightly anti-clockwise, and pushed into the camera body. For use, pull out the lens as far as it will go, and lock by turning to the right.

7030-11

Setting the Aperture

Turn the lens of your LEICA to the light, and rotate the aperture ring. You can then see through the lens components how the iris diaphragm opens and closes. The aperture or f-numbers - 2 - 2.8 - 4 - 5.6 - 8 - 11 - 16 - 22 - 32 - are a measure of the amount of light reaching the film*). They are chosen in such a way that closing down the aperture from each number to the next reduces the light by one-half. Conversely, on opening up, each aperture passes twice the light of the previous one. So remember: a high aperture number signifies a **small** aperture, and vice versa.

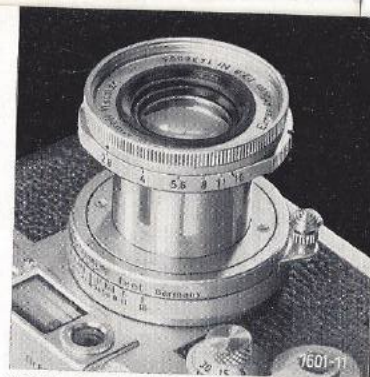
*) The length of this scale of numbers depends on the type of lens.



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Focusing the Lens

The standard 5 cm. lenses of the LEICA focus from "infinity" to 3 1/2 feet. The focusing lever locks in the infinity position. To release the lever for focusing on nearer distances, depress the button at the end of the lever.



Catch locking the lens at the infinity setting

Releasing the infinity catch for focusing

The Distance Scale

The scale conveniently shows the focused distance, and at the same time indicates the depth of field at the aperture used.



7602-11

The mounts of the Leica standard 50 mm lenses ELMAR f/3.5, SUMMAR f/2 and SUMMITAR f/2 are of a collapsible type.

For photographing

1. pull out lens.
2. lock it by turning it clockwise to the stop.

To push lens back into the camera body, unlock it counter-clockwise.



When locking the SUMMITAR or SUMMAR lens, take care that only the front ring is gripped not touching the other milled ring which serves for adjusting the aperture.

The lens-changing flange allows an easy and rapid interchange of lenses of vari-

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ous focal lengths. The special screw-flange of the Leica insures lasting accuracy. Lenses are simply screwed firmly into the changing flange. The helical focusing mount of the lens will automatically couple with the Rangefinder mechanism.

When changing lenses, hold the camera with the left hand, grip the lens with the right hand close to the camera body, and loosen it in the flange with a slight jerk. Then unscrew the lens, with the camera held flat in your left hand, the lens turned upwards to avoid dropping it. In the same way the lens is screwed into the changing flange, first feeling the entrance of the precision thread by turning slightly counter-clockwise, and then screwing it (by turning clockwise) firmly into the changing flange. Lenses in collapsible mounts must be pulled out and locked in the bayonet catch, their focusing lever in the infinity position, before being screwed into the changing flange.

The opening in the camera body should not be exposed to strong light, and it is best to hold the opening of the camera against the body while the other lens is taken from its case.



Take special care of this precision coupling mount. Use screw cap when carrying lens separately.

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