

Pro-S Roll Film Holder

for Mamiya RB67

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Mamiya
CAMERA CO., LTD.

Instructions

Printed in Japan

This roll film holder is used by attaching it on the revolving adapter of the Mamiya RB67 Pro-S. It also can be used for the following cameras:

- Mamiya RB67
- Mamiya Universal with G-adapter
- Mamiya Press Super 23G
- Mamiya Press 23G
- Cameras with Graflok back



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● Specifications

Pro-S 120 Roll Film Holder

10 exposures on 6 x 7cm format

Film used: 120 roll film

Film advance: One-stroke lever film advance (After 70° winding, can be wound in several short, definite strokes).

Automatic double-exposure prevention.

Film wind-stop automatic release.

Multiple exposure is obtainable optionally.

Film counter: Automatic resetting type; Red index mark disappears upon completion of film winding.

Provided with dark slide dislocation preventive device and memo clip.

Pro-S 220 Roll Film Holder

20 exposures on 6 x 7cm format

Film used: 220 roll film

Other specifications are the same as 120 roll film holder.

* The outer cassette of the Pro-S roll film holder can be used for both 120 and 220 film inserts.

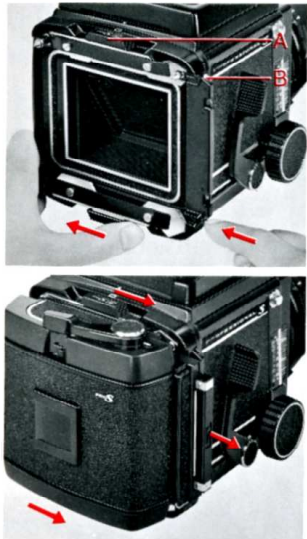
* The film inserts are designed for one size film only; the difference is indicated by the film type index (120 or 220) marked on the film insert.

NOTE:

Since a coupling device for double-exposure prevention is adapted for the Pro-S roll film holder, the shutter cannot be released if the film is not loaded.

When desiring to release the shutter without loading the film, refer to page 4.

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● Attaching the roll film holder

1. Before attaching the holder, confirm that the upper and lower side slide locks (A) are on the left end of the indented portion when viewed from behind the camera body.

NOTE:

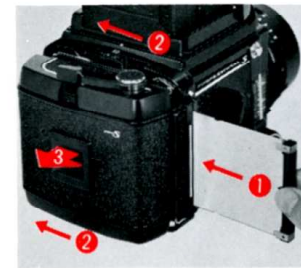
Should either slide lock be moved to the right while nothing is attached to the revolving adapter, the slide lock release lever (B) will engage and the slide lock will not move. If this happens, press the release lever (B) and return the slide lock to the open position.

2. Attach the roll film holder and slide both slide locks firmly in the direction of the arrow mark.

* If the slide lock of the revolving adapter is not pushed fully in or out, the shutter will not be released because of the shutter locking safety device. Always operate the slide lock securely.

* If closing the lower slide lock is neglected, the safety device of the Pro-S holder will prevent the dark slide from being removed.

* If the dark slide is completely inserted, or if the film is not loaded, the shutter release button cannot be pressed, leading to picture-taking failure.



● Detaching the roll film holder

1. Insert a dark slide in the roll film holder. Two white lines on the side of the holder indicate the position of the inserting slit.

2. Remove the roll film holder by sliding both slide locks in the opposite direction to the arrow mark on the slide lock.

* If the dark slide is not inserted, the slide lock will be locked by the safety device, and the roll film holder cannot be detached.

* When a dark slide is completely inserted, the slide lock release lever is automatically disengaged, and the slide locks can be slid without pressing the release levers.

● When desiring to release the shutter without loading the film



In this instance, the shutter can be released by sliding the multiexposure lever of the roll film holder to the front, and by setting the shutter cocking lever and pulling out the dark slide.

* When the dark slide is completely inserted, the shutter release button cannot be pressed. Therefore, either remove the dark slide or draw it outward to a position where the entire triangular hole in the top center of the dark slide becomes visible.

* Either operation of the multiexposure lever or the shutter cocking can be initially conducted.

● Name of Operating Parts

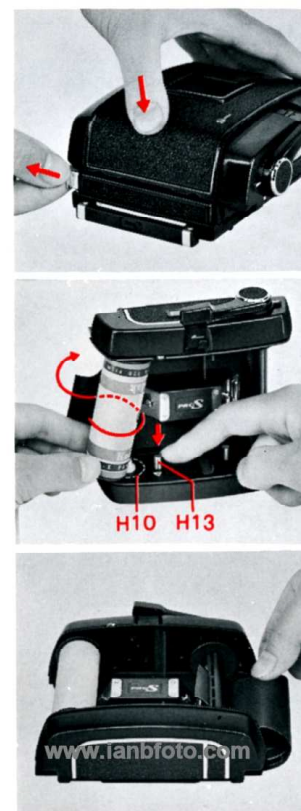
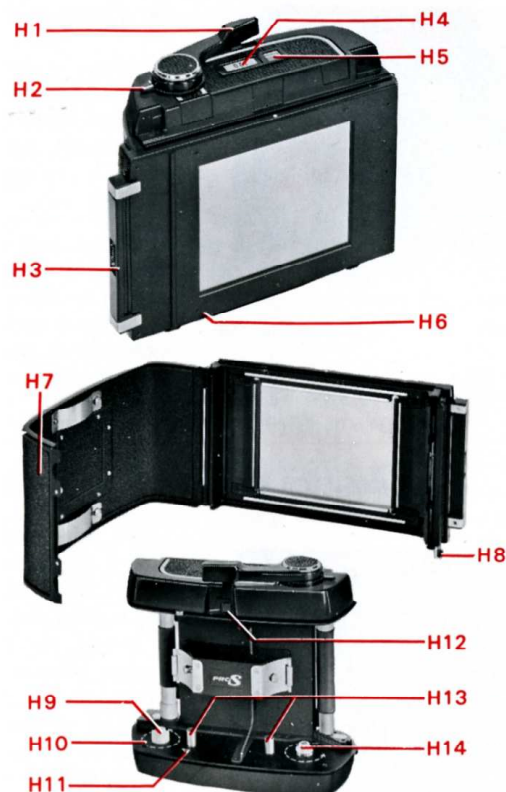
- H 1. Film advance lever
- H 2. Multiexposure lever
- H 3. Dark slide
- H 4. Film type index (120 or 220)
- H 5. Exposure counter
- H 6. Safety-catch for dark slide

Outer cassette

- H 7. Back cover
- H 8. Back cover latch

Film insert

- H 9. Film spool stud
- H10. Guide mark for leader paper
- H11. Starting mark
- H12. Film wind-stop release lever
- H13. Spool release pin
- H14. Take-up spool stud



● Loading the film

* When loading and unloading film, avoid direct sunlight. Choose a location in the shade.

* Regardless of whether the roll film holder is attached to or detached from the camera body, loading and unloading the roll film can be conducted in the same manner.

* Use 120 roll film with the 120 roll film holder, and 220 roll film with the 220 roll film holder.

1. Open the back cover by pulling out the back cover latch, while slightly pressing the back cover.

Remove the film insert from the holder.

2. While pressing the left side spool release pin (H13), insert a new roll of film on the film spool stud.

Load the film so that the leader paper can be pulled out along the arrow of the leader paper guide mark (H10). In this way, the black side of the leader paper will appear on the outside.

* If the black side does not appear on the outside, reload the film, reversing the film position.

3. Pull out the leader paper and insert the tip into the groove of the take-up spool.

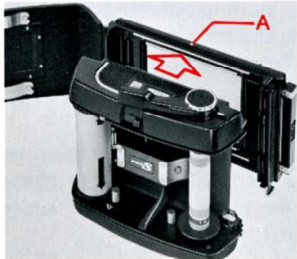
* Position the film so that the leader paper winds evenly between the spool flanges; otherwise the film may be taken up unevenly, causing trouble.



● Aligning the starting mark

Move the film advance lever gently, until the starting mark (arrow) of the leader paper aligns with the starting mark of the holder. The film advance lever can be moved in several short, definite strokes.

* If the leader paper is pulled too far, the film may become fogged. Be careful not to go beyond the starting mark (arrow).



● Attaching the film insert

1. Put the insert into the cassette, aligning the top side of the insert with the white dot (A) of the cassette.

* If the film insert is attached in reverse, the back cover cannot be closed.

2. Close the back cover and fully push in the back cover latch while pressing the back cover.

NOTES

1. The outer cassette of the Pro-S roll film holder can be used for both 120 and 220 film inserts.

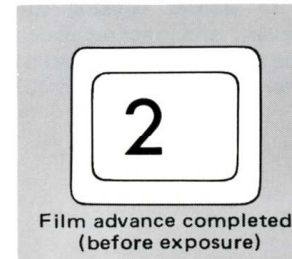
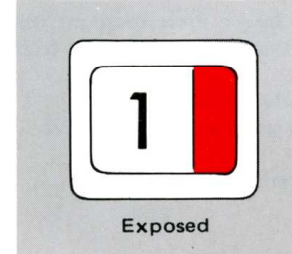
2. The film insert of the Pro-S roll film holder cannot be attached to the outer cassette of the former RB67 roll film holder.



● Film winding for first exposure

By winding the film advance lever until it stops, the figure "1" will appear in the exposure counter (H5), the red mark indicating incomplete film winding will disappear, and the film will be positioned for the first exposure.

* Unless film winding from S to 1 in the exposure counter is completed, the shutter cannot be released.



● Film advancing

1. Draw out the dark slide and release the shutter. When the shutter is released, the red mark appears in the exposure counter, indicating that the film is exposed.

2. Simultaneously when the shutter is released, the film wind-stop mechanism is automatically disengaged, and the film can be advanced for the next frame. When film is advanced one full frame, the figure in the exposure counter is advanced, and the red mark disappears.

* Unless the exposed film frame is advanced, shutter releasing is prevented by the coupling device for double-exposure prevention.

* Shifting to multiple exposure photography is possible. Refer to page 10.

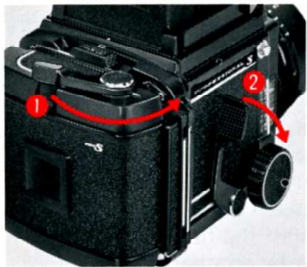
* Even though film advance is completed, the shutter cannot be released if return of the film advance lever is hindered by your fingers or by another object.

- * Wind the film advance lever in a slow, steady manner to avoid film winding problems.
 - * Although the film advance lever cannot be reversed until it is wound up to the initial 70° winding, it can be moved in several short, definite strokes thereafter.
 - * The film wind-stop release lever provided for the Pro-S roll film holder is to be used when the holder is used for the Mamiya Universal Press, or when desiring to wind up to the film end while unexposed film remains in the holder.
3. When you finish exposing the full number of exposures, the shutter release button cannot be depressed and the film advance lever will be freed. Then wind the film completely to the end of the leader paper.

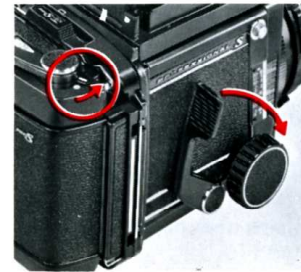
● Unloading the film

1. Open the back cover of the holder and remove the film insert. Press the right side spool release pin, remove the full spool, then wrap and seal the film to protect it from loosening.
 2. Move the empty spool to the take-up side. The insert is ready for reloading.
- * The exposure counter automatically resets to S (start) as soon as the back cover is opened.
 - * When the exposure counter shows other than S, a film is loaded in the holder.

● Film advancing and shutter cocking



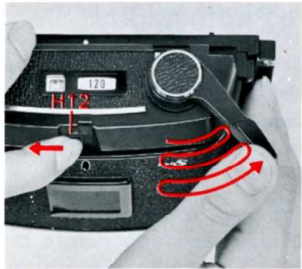
Either film advancing or shutter cocking can initially be conducted. However, the recommended sequence of these steps to be customarily observed is: (1) film advancing, (2) shutter cocking, and finally (3) shutter releasing.



● Multiple Exposure Photography

When the multiexposure lever of the roll film holder is moved forward, the coupling pin for double-exposure prevention is disengaged, and whenever the shutter cocking lever is set, shutter releasing can be repeated without limit.

- * The multiexposure lever can be changed over before or after shutter cocking, and also before or after shutter releasing for the first multiple exposure photograph.
- * When taking multiple exposure pictures is finished, never fail to return the multiexposure lever to its original position; otherwise, failure in taking subsequent multiple exposure pictures will occur.



- When desiring to wind up to the end of film while unexposed film remains in the holder.

When the film advance lever is continuously wound, with the film wind-stop release lever (H12) pushed to the left, the film can be reeled up completely to its end, even though picture taking is still in progress and a film remains unexposed.



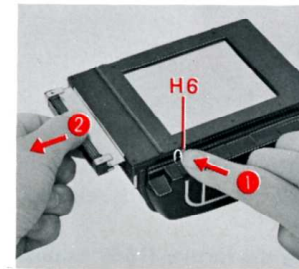
- Storing the dark slide

While progressing with photography, the dark slide of the roll film holder can be stored by inserting it into the camera body side.



- Memo clip

The clip on the back cover can be used for holding the cover of a film box or a slip of paper to record information.



- When desiring to pull out the dark slide of the roll film holder which has been removed from the body

When the roll film holder for the Pro-S is removed from the body, the safety device prevents its dark slide from being pulled out carelessly or accidentally. However, if you desire to pull it out, it can be pulled out by using your fingernail tip to press the dark slide safety catch (H6) on the bottom of the outer cassette.



- Shutter testing when the film is loaded

When the shutter is cocked, the dark slide is slightly pulled out (approx. 1/4 in.) and the shutter release button is pressed, the shutter can be released without exposing the film in the roll film holder to light. This operation can be utilized for shutter testing prior to photographing.

- * When pulling out the dark slide, stop pulling at a point where the entire triangular hole on the dark slide becomes visible. If the shutter is released when the dark slide is pulled out beyond that hole, the film will be exposed to light.
- * When the shutter is released, a red mark appears on the exposure counter.
- * When taking the first photograph subsequent to this test, cock the shutter in the multiexposure condition, and pull out the dark slide. For taking pictures following the first one, restore the multiexposure lever to its normal position and continue photographing.

When the roll film holder for the Pro-S is used for the former RB67 camera body

Although the coupling device for double-exposure prevention does not function in this case, the film wind-stop device is automatically released when the shutter is released, and the film is ready for winding.

Other operating methods are the same as those when using the former RB67 camera body.

When the roll film holder for the Pro-S is used for the Mamiya Universal Press

Attaching the holder to the camera

Previously attach the G-adapter to the camera back and fully slide the upper and lower slide locks (A) on the G-adapter to the left.

Attach the roll film holder to the G-adapter, and secure it by fully pressing the upper and lower slide locks to the right.

* In this case, the coupling devices for double-exposure prevention and automatic film wind-stop release do not function.

To release the film-wind stop, move the film wind-stop release lever (H12) to the left. When the lever is moved, a red mark appears on the exposure counter, the wind-stop is released, and the film is ready for winding.

* Remove your finger from the film wind-stop release lever during film advancing.

