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**M645**SUPER**120/220 Roll F****Name of Parts****Roll Film Holder N**

1. Coupling Pin
2. Electric Contact
3. Film Holder Detaching Lock Release Button
4. Film Holder Detaching Button
5. Back Cover Lock Release Button
6. Back Cover Button
7. Body Coupling Gear
8. Bottom Body Coupler
9. Dark Slide
10. Film Speed Dial
11. Film Counter Window
12. Rubberized Finger Rest
13. Dark Slide Strage Slot
14. Memo Clip
15. Manual Film Advance Knob

**Roll Film Insert**

16. Start Mark
17. Film Type Index (120 or 220)
18. Leader Paper Guide mark
19. Film Spool Stud
20. Spool Clip
21. Release Latch
22. Take-up Spool Stud

**Types and specifications of Film Insert**

The same Roll Film Holder is used for both 120 and 220 films. However, the Roll Film Insert used must correspond to the type film in use.

**120 Roll Film Insert**

Use film: 120 roll film

Image size: 6 × 4.5cm (Actual Size:  
56 × 41.5mm)

Number of frames per roll: 15 frames

**220 Roll Film Insert**

Use film: 220 roll film

Image size: 6 × 4.5cm (Actual Size:  
56 × 41.5cm)

Number of frames per roll: 30 frames

The operating procedure for the Roll Film Insert is the same for both 120 and 220 roll films.

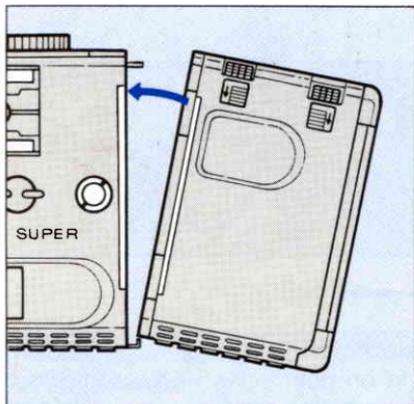
# Film Holder N



## Instructions

### Attaching/Detaching the Roll Film Holder N

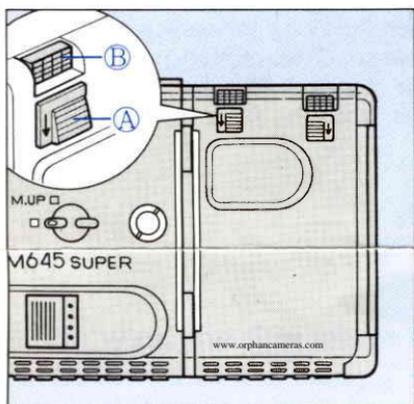
#### Attaching the Roll Film Holder



First, remove the rear body cap.

1. Hold the roll film holder at the Rubberized Finger Rest. Position and hook the bottom couplers of the holder to holder mounting bracket of the body.
2. Push the upper part of holder against the body, while pushing the holder downward until it clicks. Make sure that the holder mounting hook of upper part of the body securely catch the grooves of the upper part of the holder.

#### Detaching the Roll Film Holder



1. Pull out the Dark Slide from the strage slot and insert it into the dark slide slot marked with white lines.
2. Push the Holder Lock Release Button (B) in, while sliding the Detaching Button (A) downward. Then the holder can be removed from the body. If the Dark Slide is not inserted, the safety mechanism function works and the Shutter Release Button cannot be depressed.

**Note:** To stall Roll Film Insert to the Roll Film Holder, please refer to the handy manual or page 14 or instruction manual for the body.

#### Precautions for Film Handling

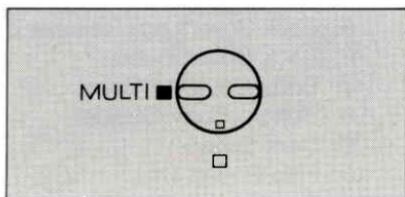
- \* Shade film direct sunshine when you insert and remove the film.
- \* When the 120 Roll Film Insert is used, the film counter will automatically stop at 15 frames and when the 220 Roll Film Insert is used the counter will stop at 30 frames. Be sure that the Roll Film Insert corresponds to the film you use. Use of the wrong film insert can cause unmatched film frames counted as well as possible focus problems.
- \* When the leader paper is incorrectly fitted against the flange of the spool, the film may be wound incorrectly. In this case, rewind the leader paper making sure that it fits properly on the spool.
- \* Bear in mind that winding up the film fully to end when the film holder is attached to the camera body may cause hitting of the last part of the film leader paper to the shutter curtain possibly resulting in shutter problems. Therefore it is suggested that you insert the Dark Slide before winding film to the end.

The green line of the Dark Slide indicates the point to which the Dark Slide must be inserted without effecting the film.

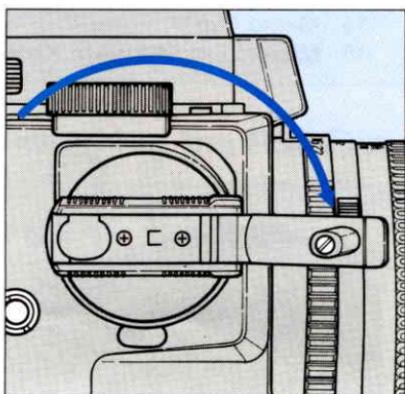
## Winding Film to the First Frame

Be sure to set film at the "Start" mark position prior to inserting the Roll Film Insert.

### 1. To wind the film with the Roll Film Holder attached to the camera body.

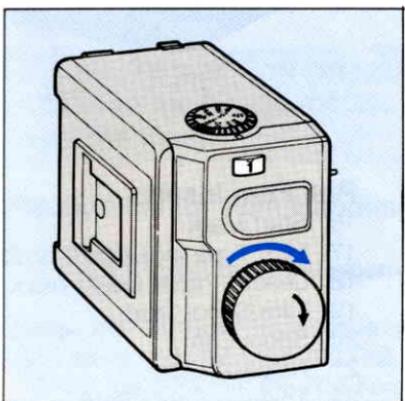


Make sure that the Multiple Exposure Lever is set at the white square.



When the Wind-up Crank is turned up until it stops, the Film Counter Window indicates "1" and the shutter is set.

### 2. To wind the film when the Roll Film Holder is not attached to the body.



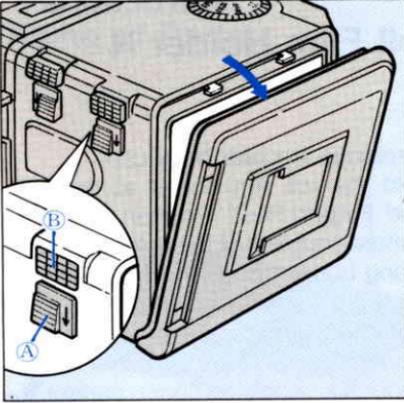
Make sure that the Dark Slide is inserted completely. Turn the Film Advance Knob of the holder until it stops and indicates "1" in the Film Counter Window.

\* Occasionally you may want to process a roll of film that has been only partially exposed. In order to rewind this film, remove the holder from the camera body. Then turn the Film Advance Knob of the holder while pressing the Coupling Pin.

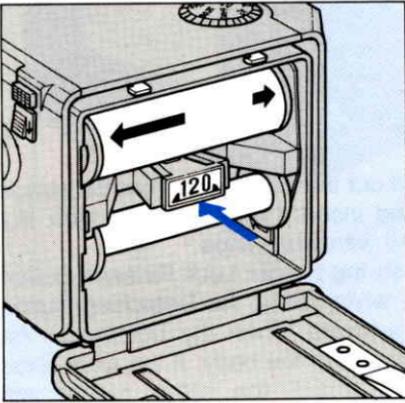
\* In order to override the dark slide safety lock, push the latch behind the bottom body coupler (with a coin, etc.) while pulling the dark slide.

\* The number indicated by the film counter is reset to "S" (START) mark automatically when the Back Cover is opened. If something other than "S" is indicated, do not attempt to open the Back Cover carelessly.

## How to install the Roll Film Insert

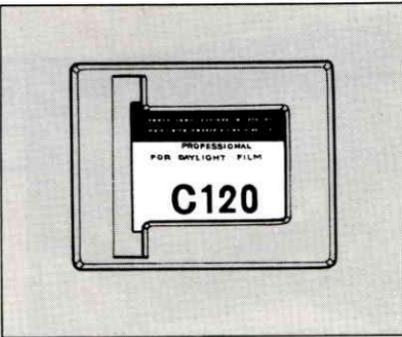


Open the Holder Back Cover by depressing the Back Cover Lock Button (A).



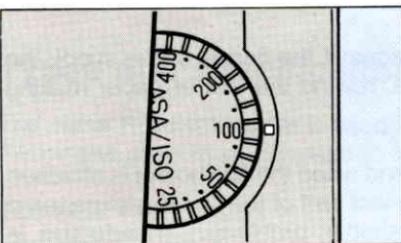
1. Position film in the direction shown. Press in on both sides of the Attaching/ Detaching Release (C) and insert the Roll Film Insert straight into the Roll Film Holder. (You will be unable to insert the Roll Film Insert if it is upside down.)
2. When the Roll Film Insert is pushed in, the Release (C) will click and lock securely.
3. After the Roll Film Insert is properly inserted, close the Back Cover.

### Memo Clip



The Memo Clip on the Back Cover is used to keep the film box, or paper with your own notes.

### Film Speed Dial

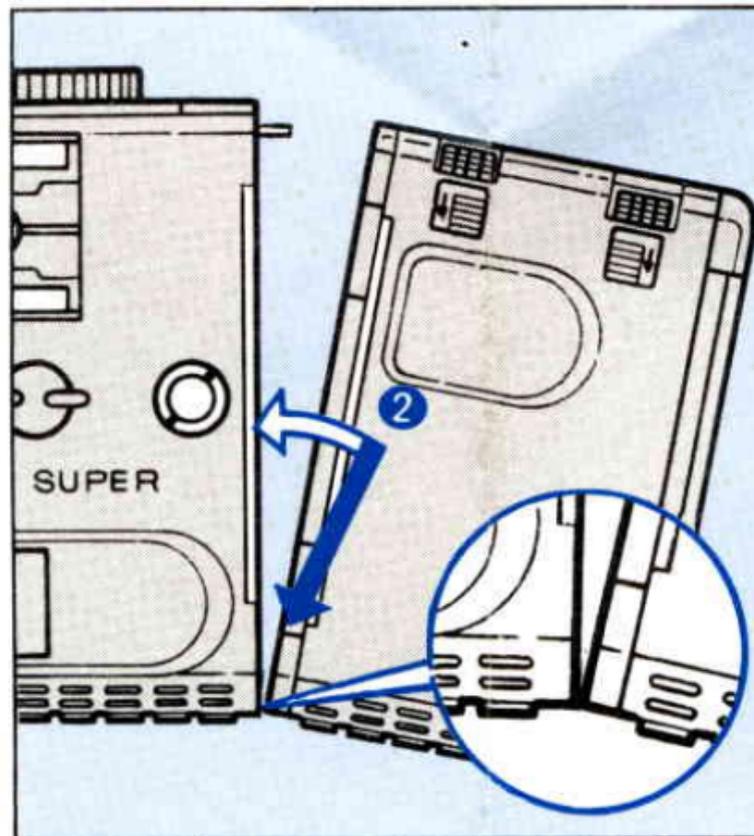
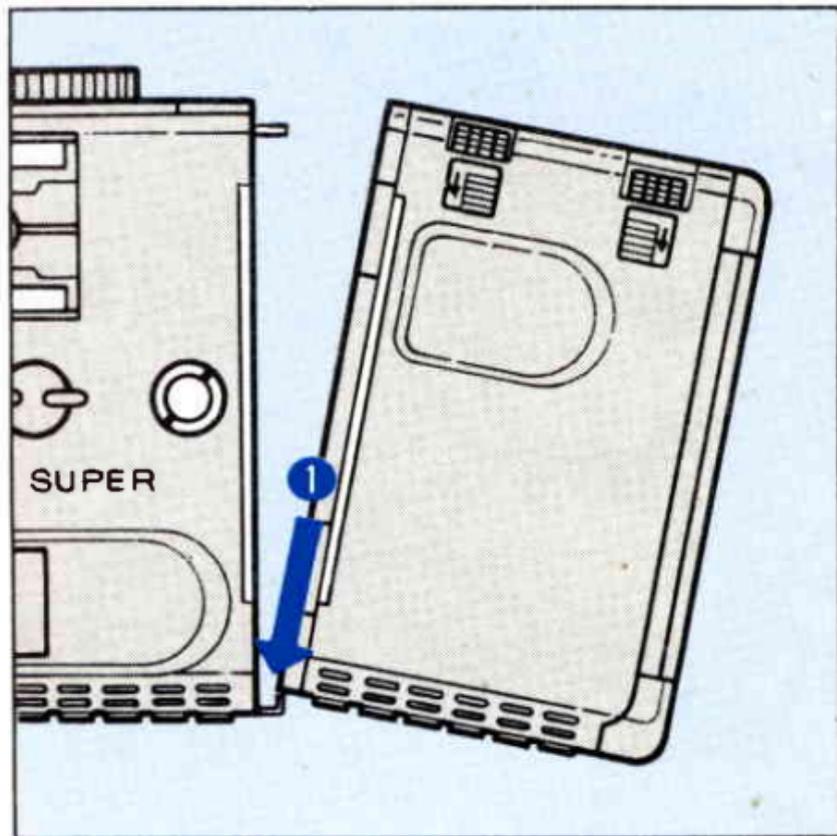


The sensitivity of the film set on the Roll Film Holder is transmitted the body as input data for the AE Prism Finder N. Since it can also remind you of the film sensitivity being use, be sure to set this dial correctly when loading the film.

取り付け方

Attaching

Ansetzen [www.orphancameras.com](http://www.orphancameras.com) Montage



ホルダーを下に押しつけながら、上部をボディに押し当てます。

Push the upper part of holder against the body, while pushing the holder downward until it clicks.

Drücken Sie das Oberteil der Kassette an die Kamera, bis es einrastet.

Pousser la partie supérieure du dos vers le boîtier jusqu'au verrouillage.