



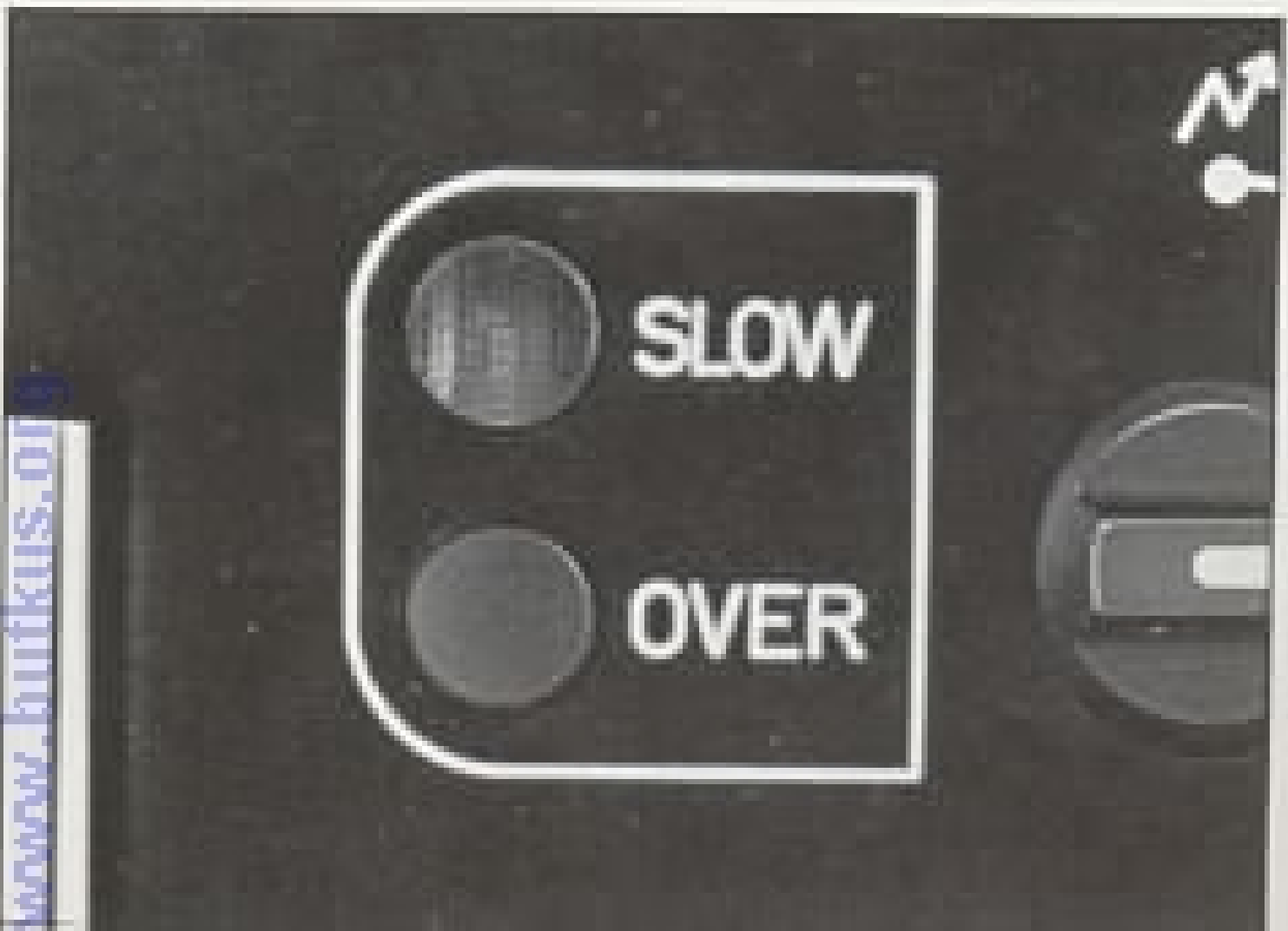
Out of Focus
Nicht scharfeingestellt

Mauvaise mise au point
Fuera de foco

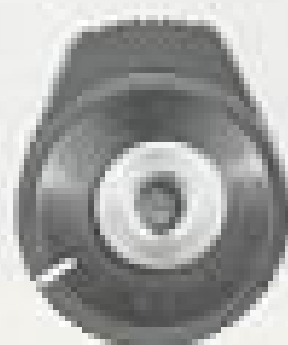
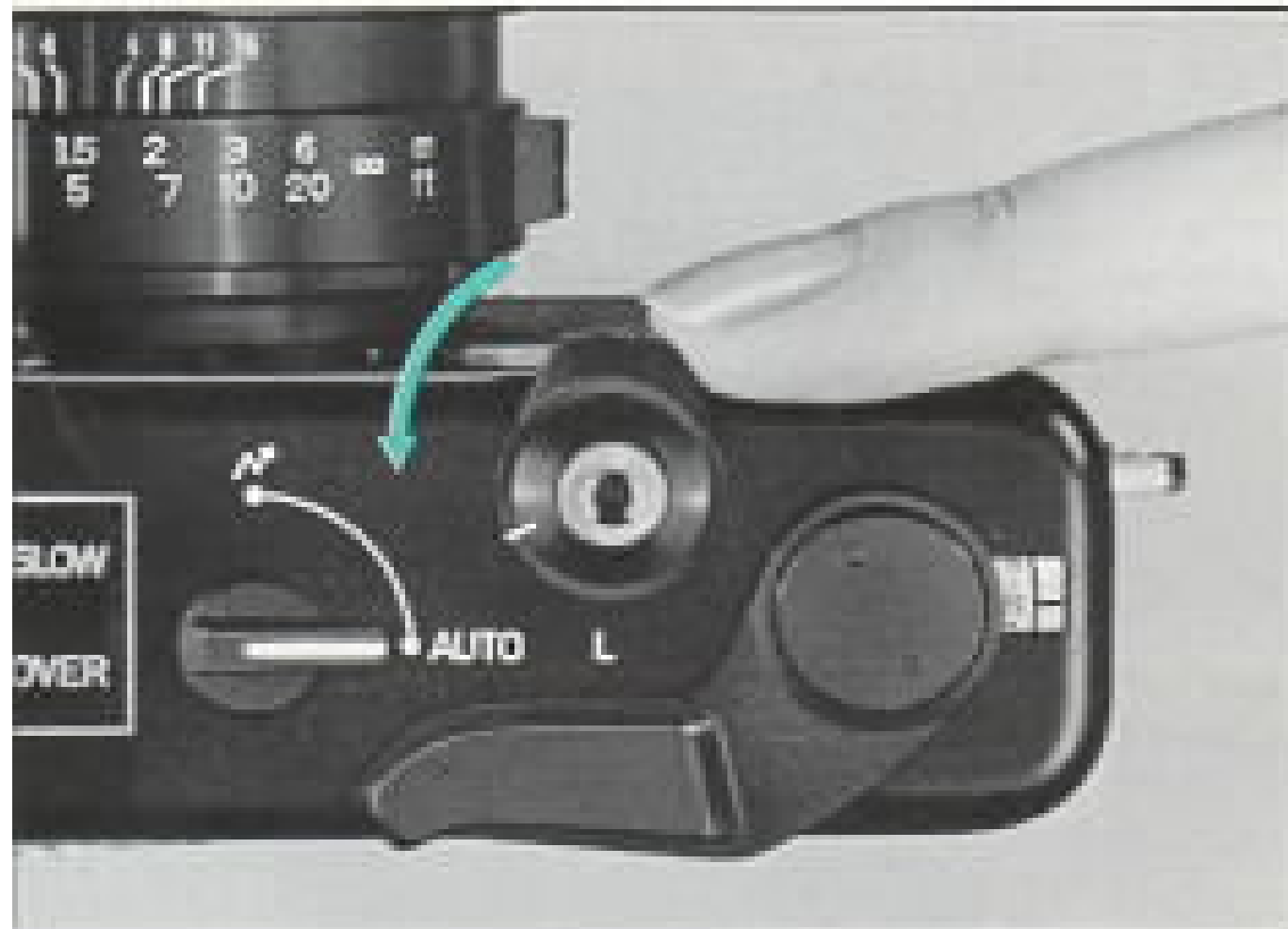


Focused
scharfeingestellt

Bonne mise au point
Enfocada







L

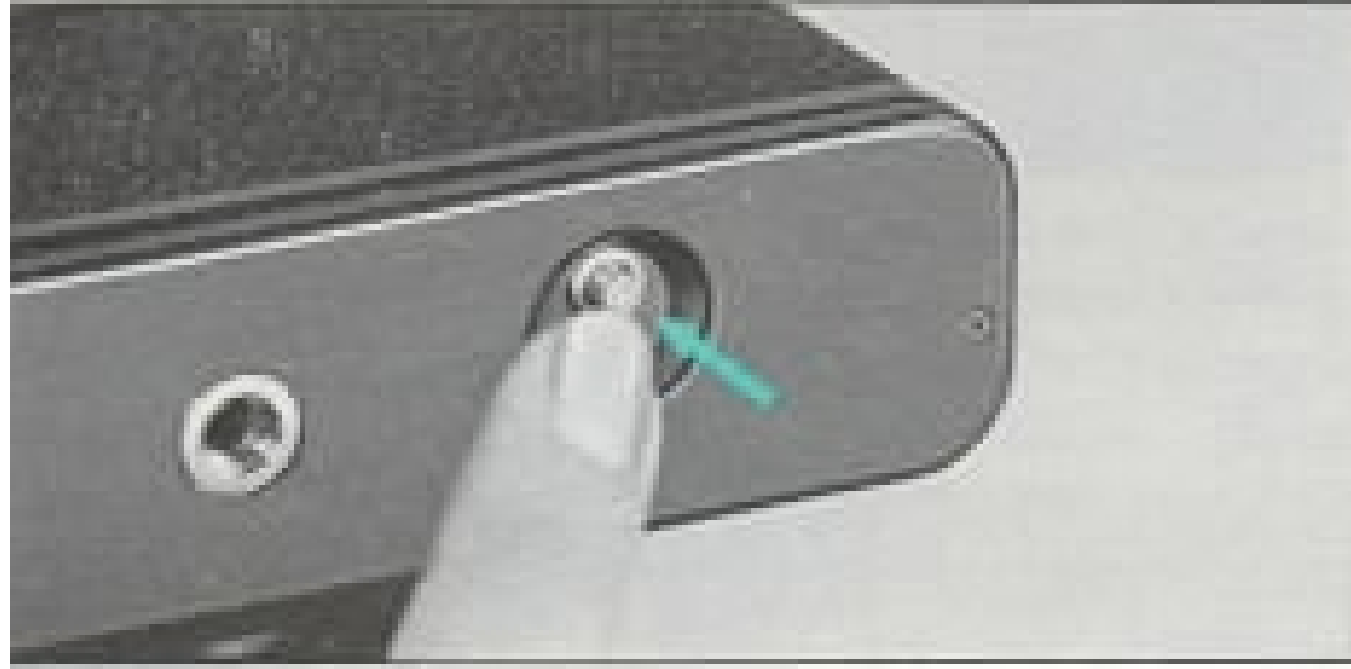
Unlocked
Nicht verriegelt
Deverrouillé
Abierto



L

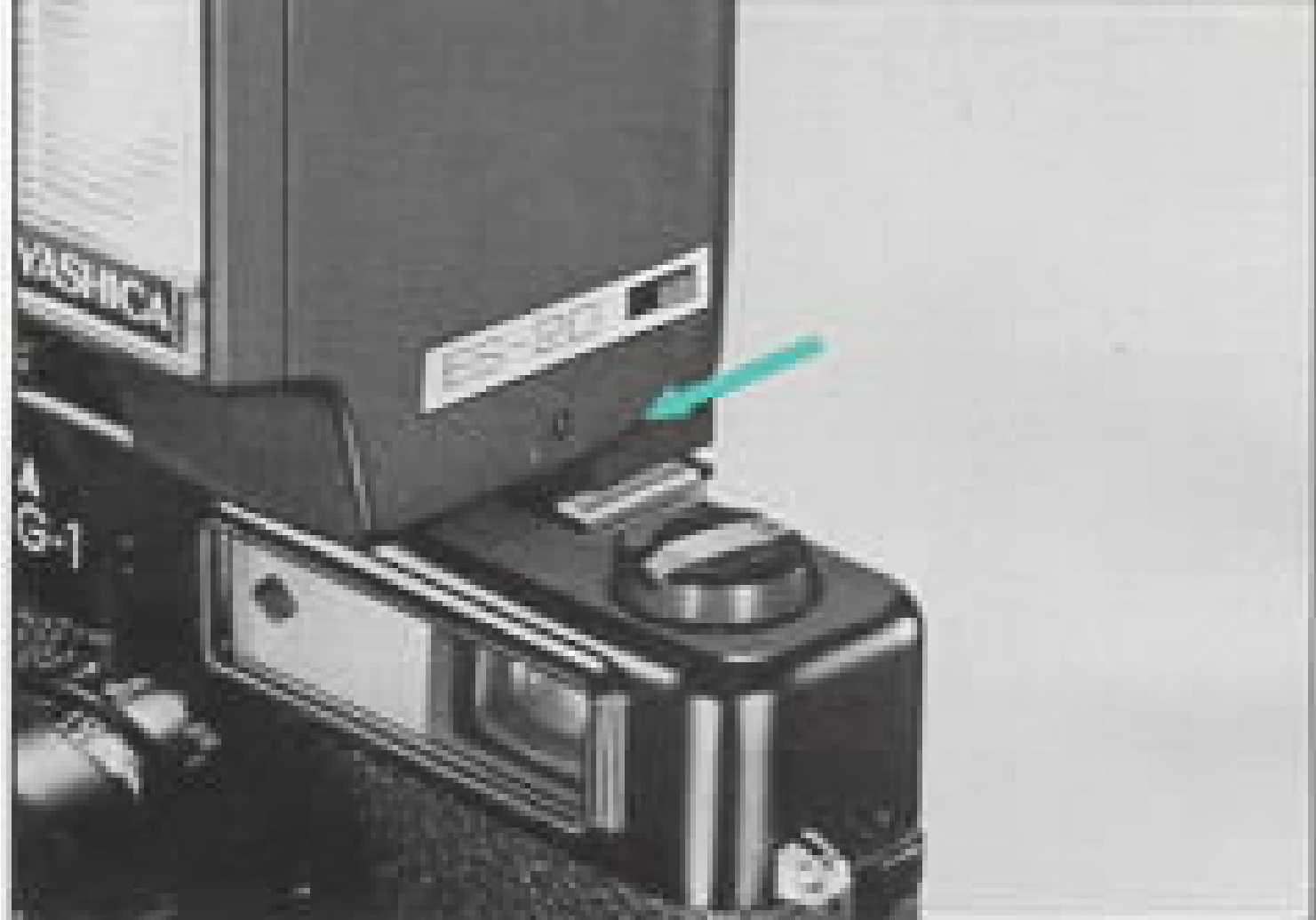
Locked
Verriegelt
Verrouillé
Cerrado











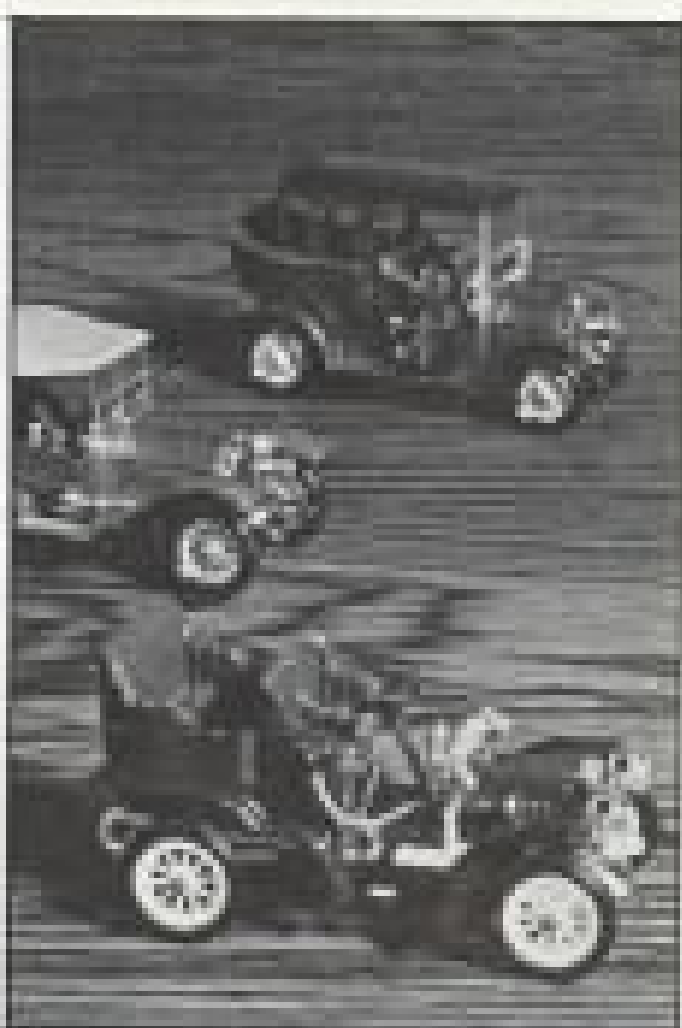




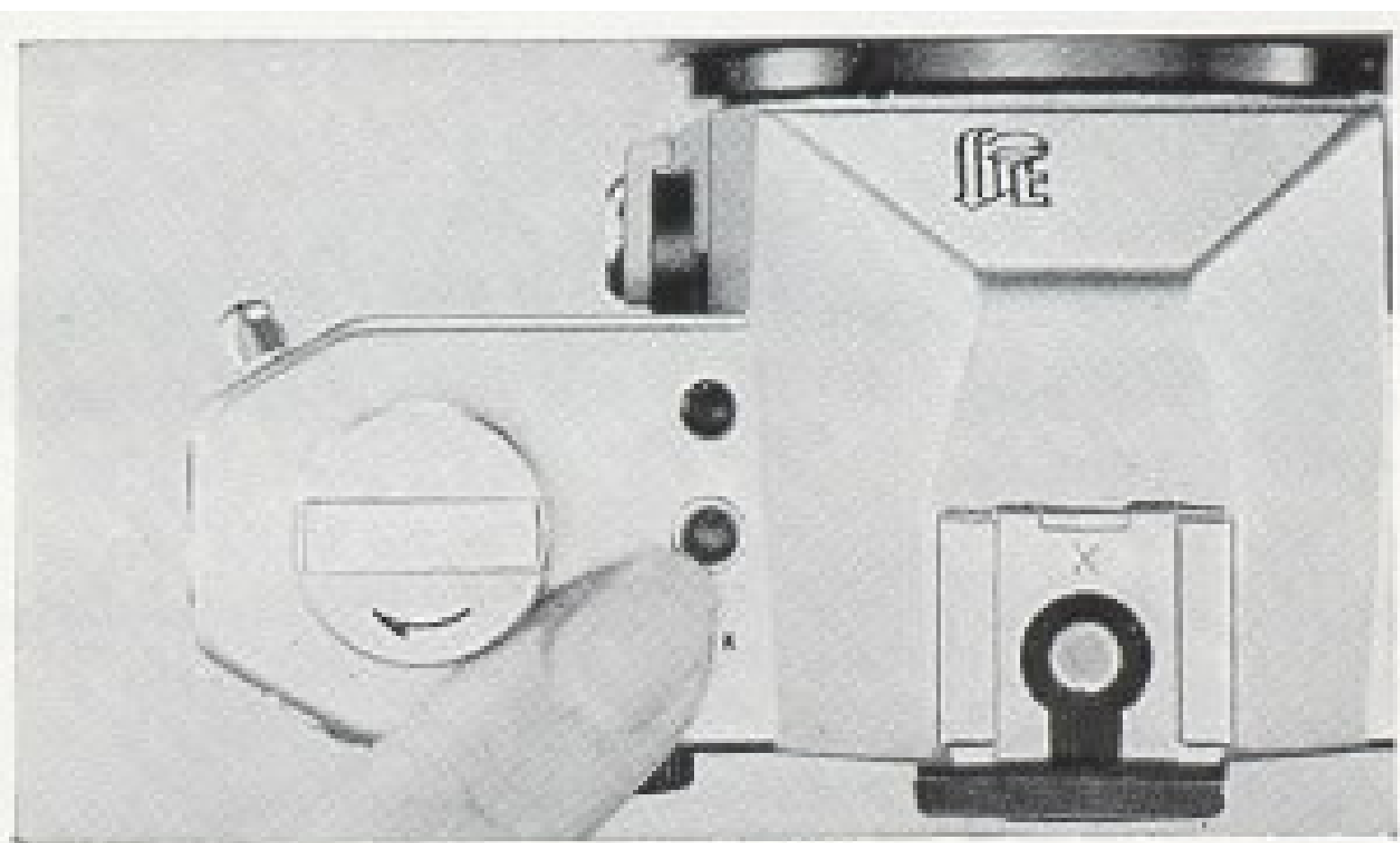


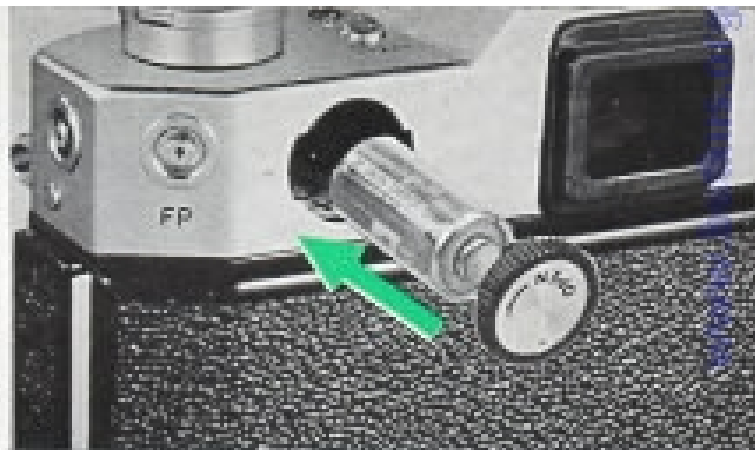


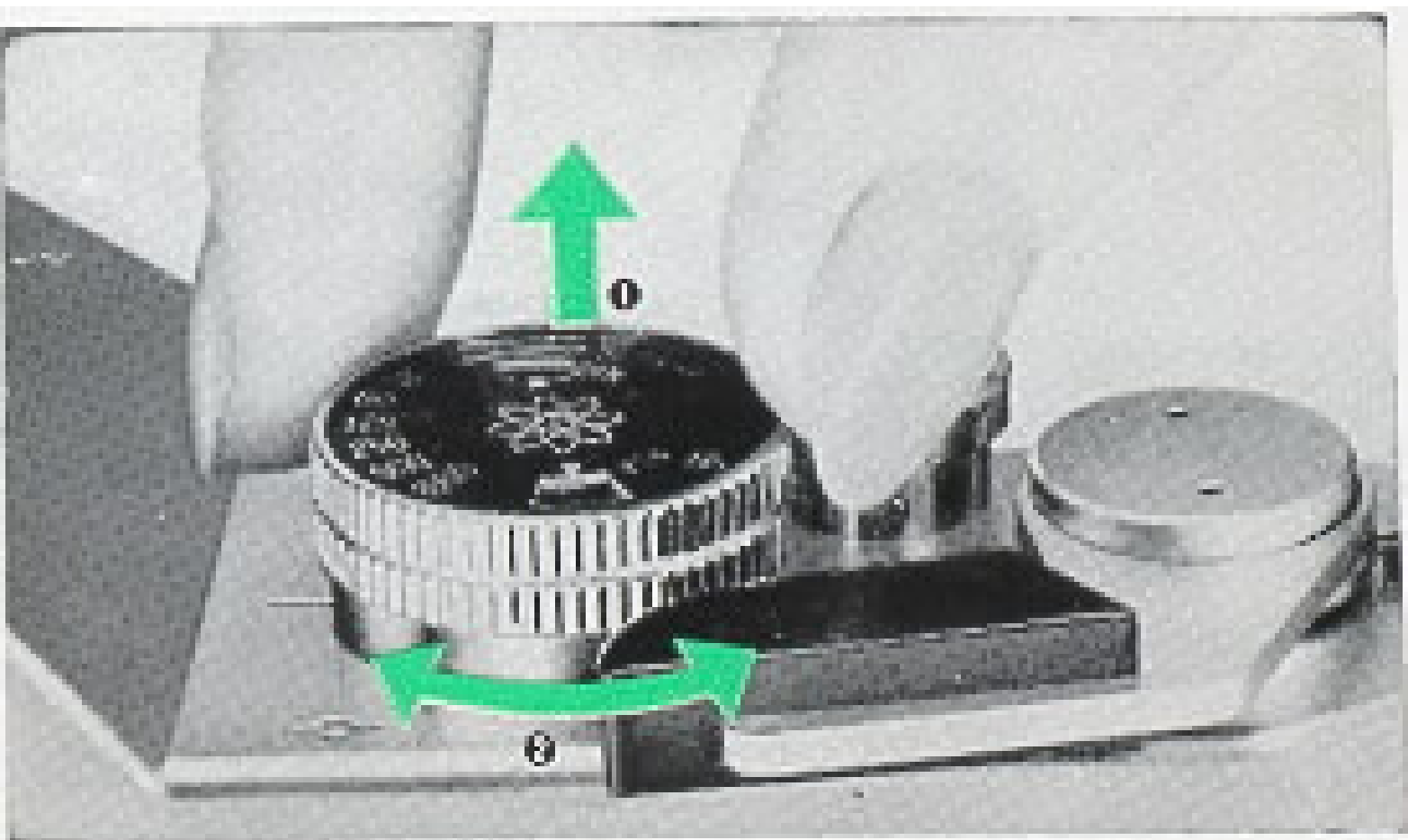
F 2.8



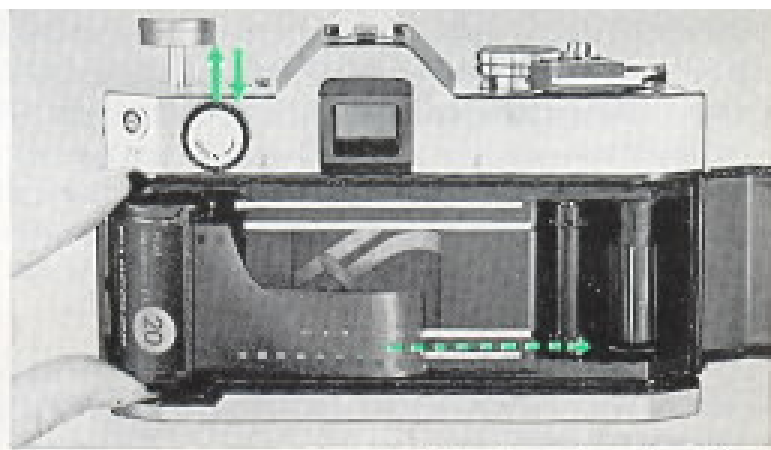
F 16



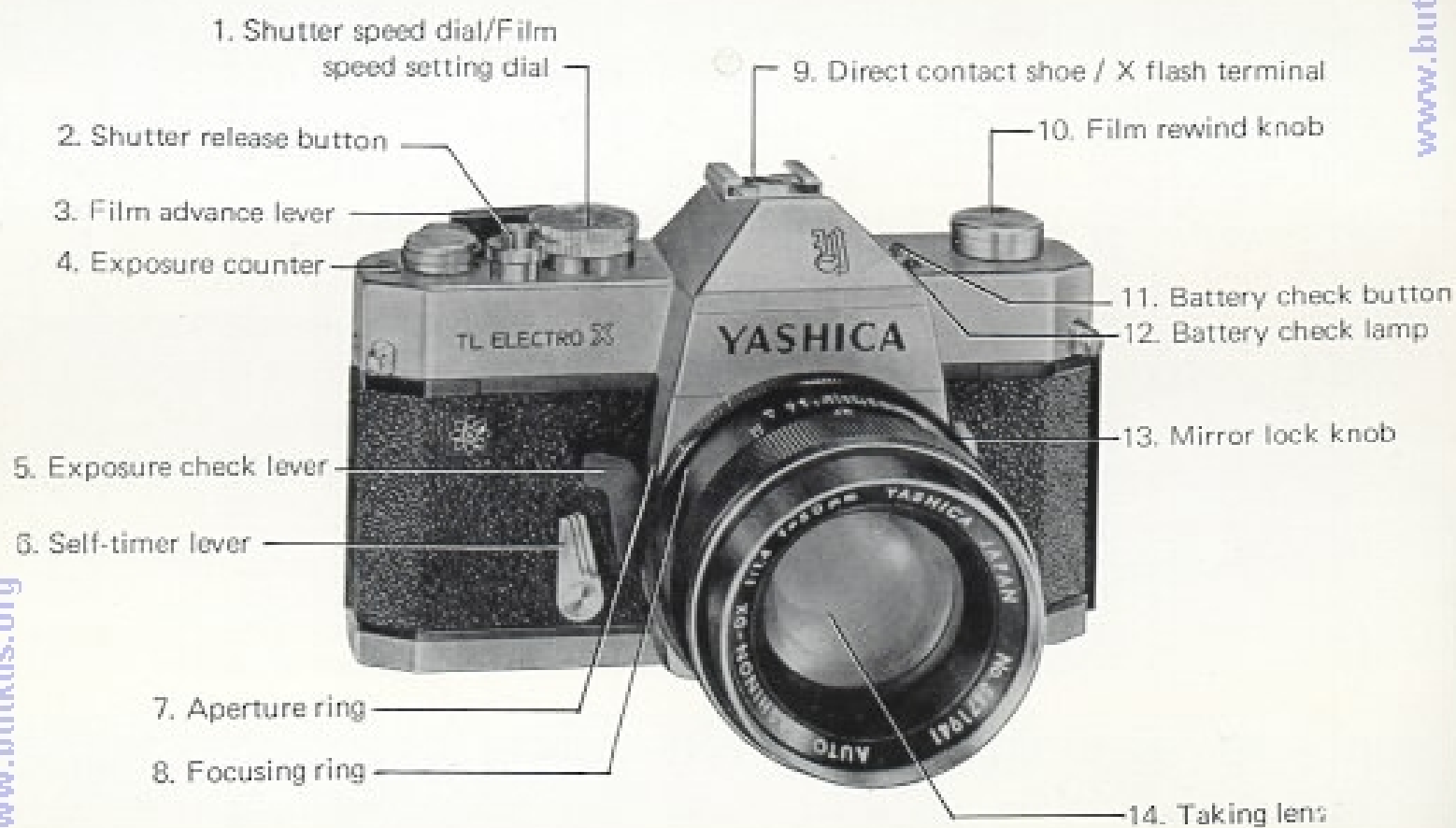


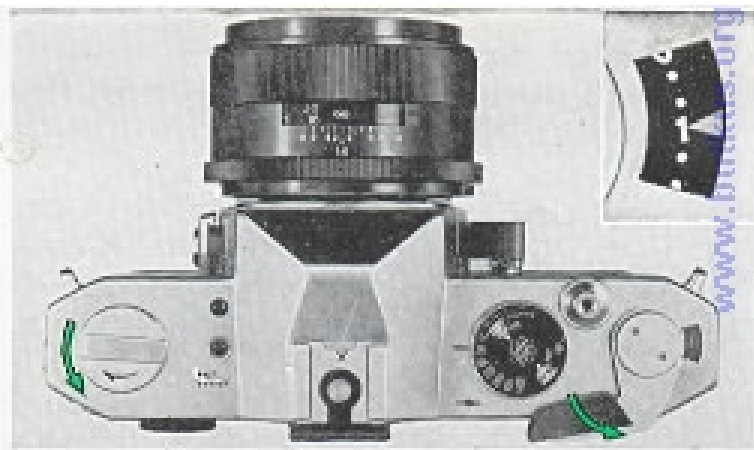
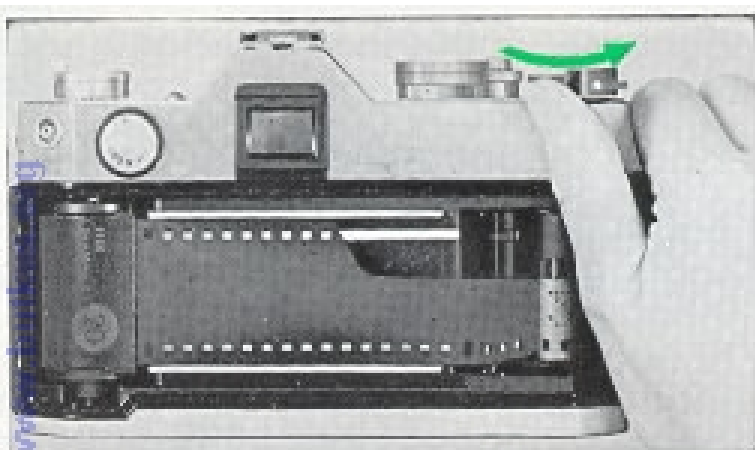




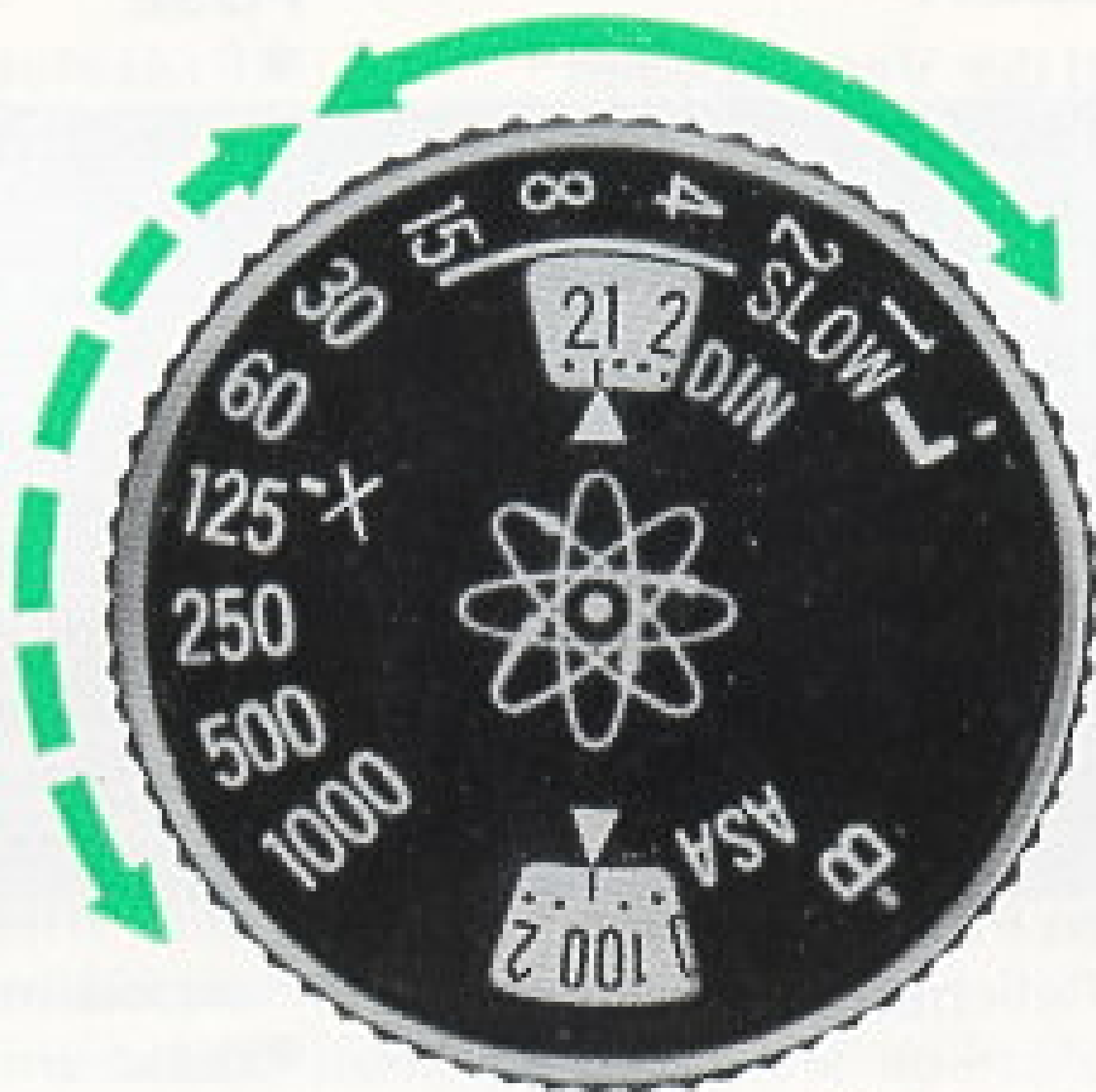


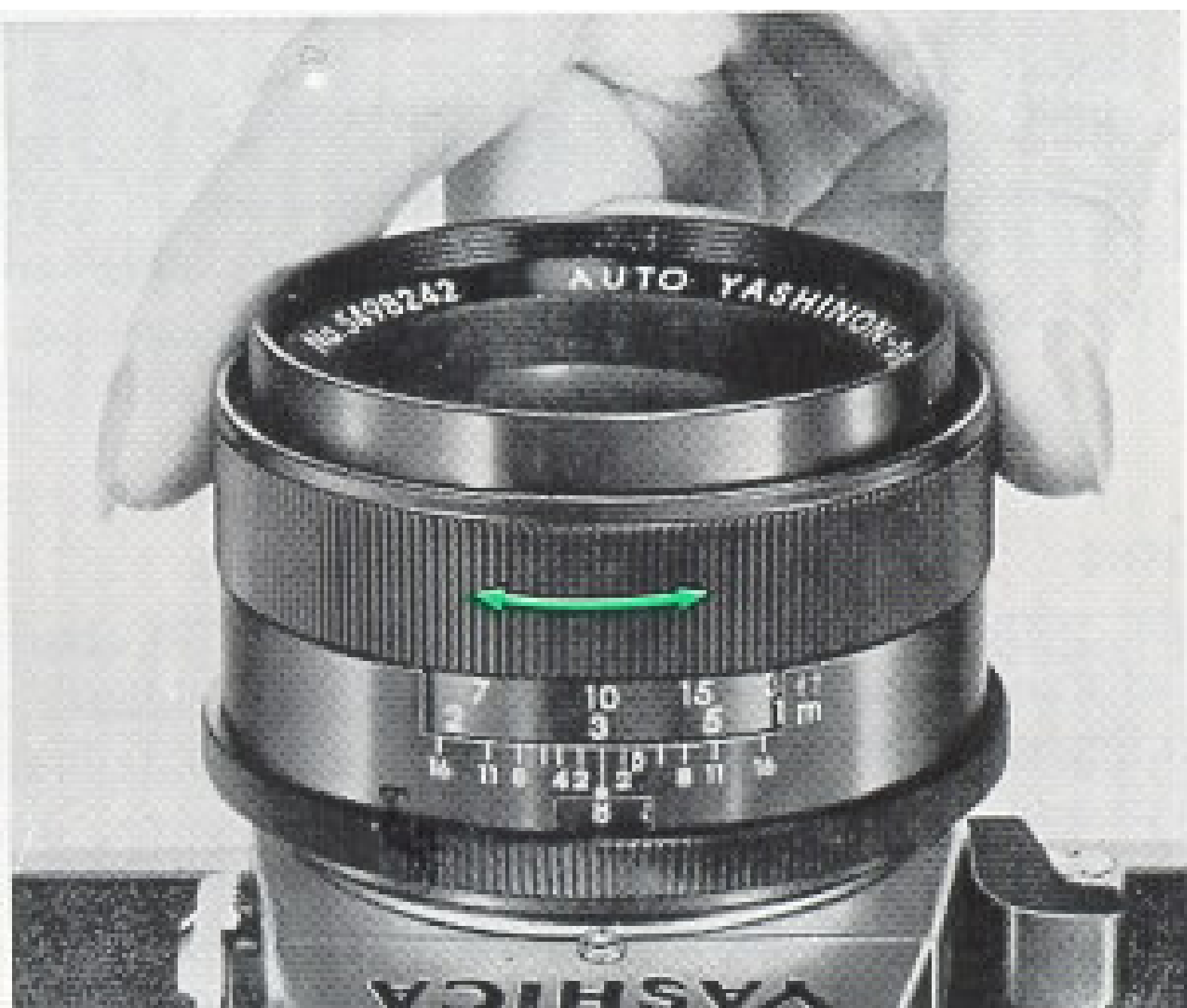
DESCRIPTION

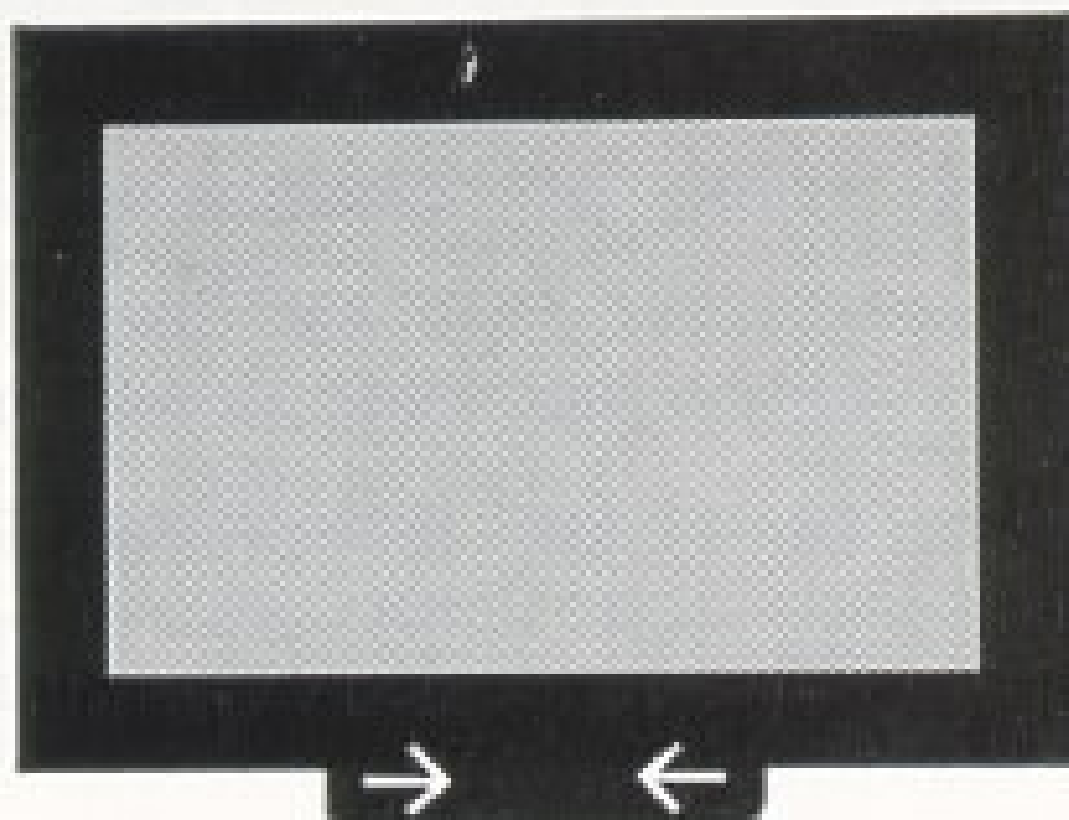
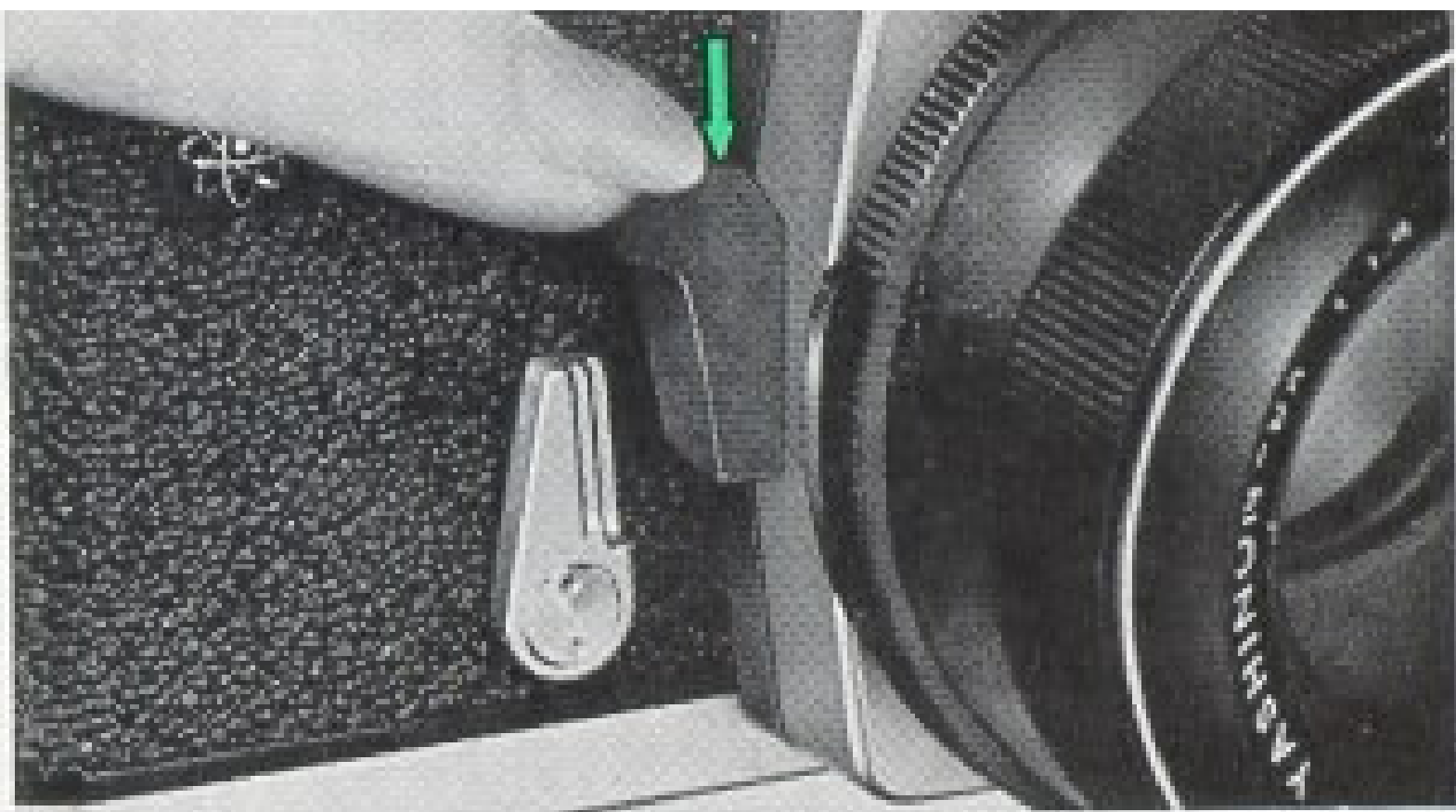






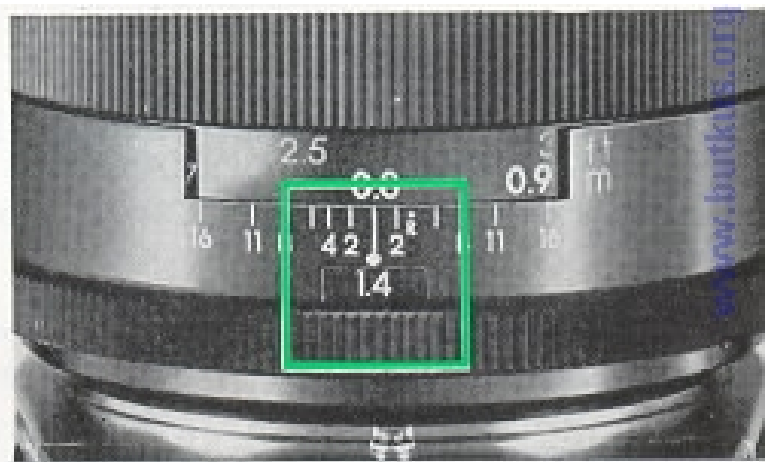
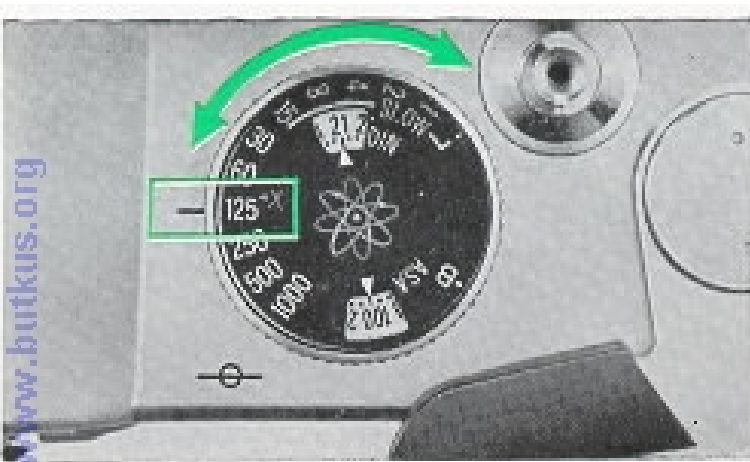






Over-exposure

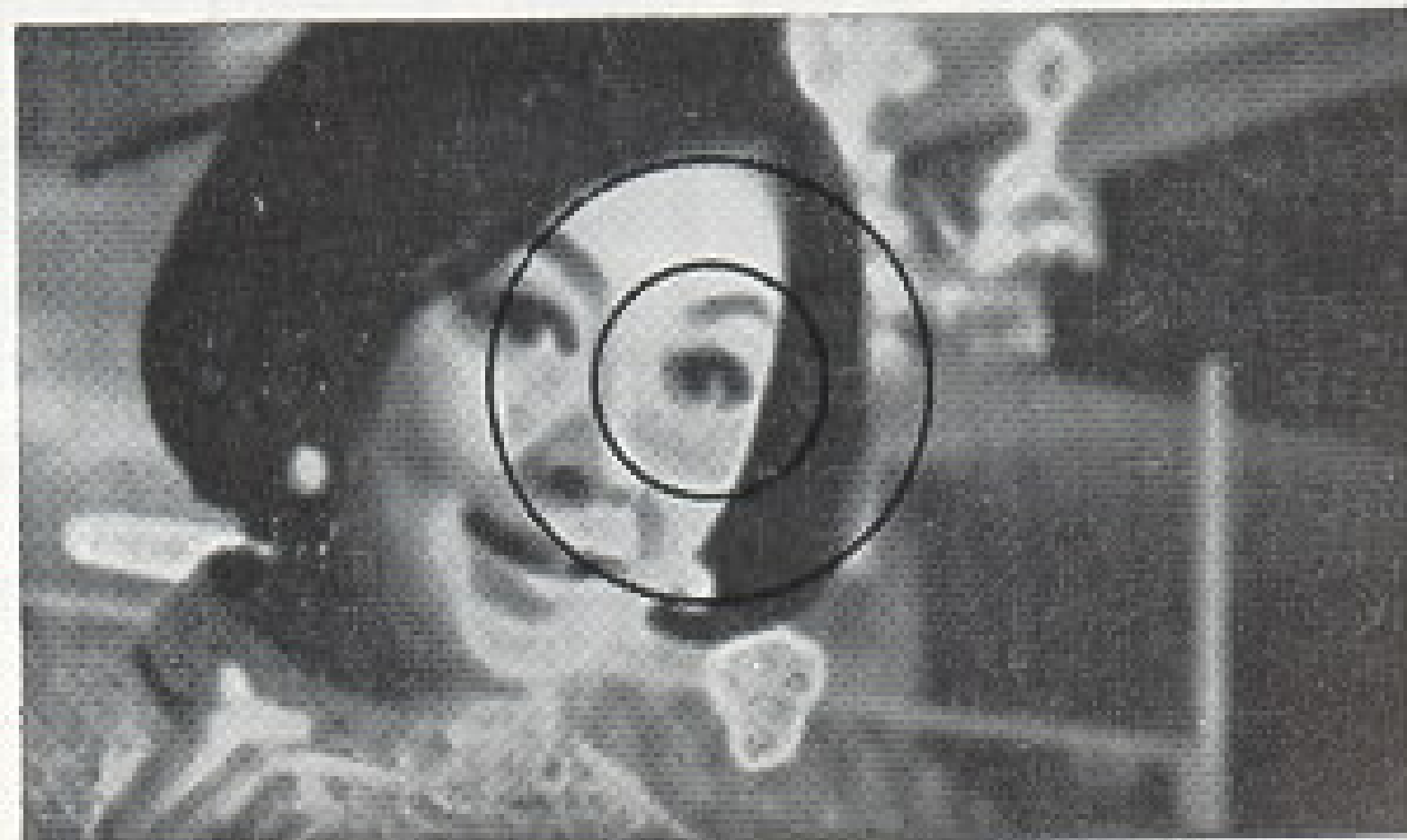
Under-exposure



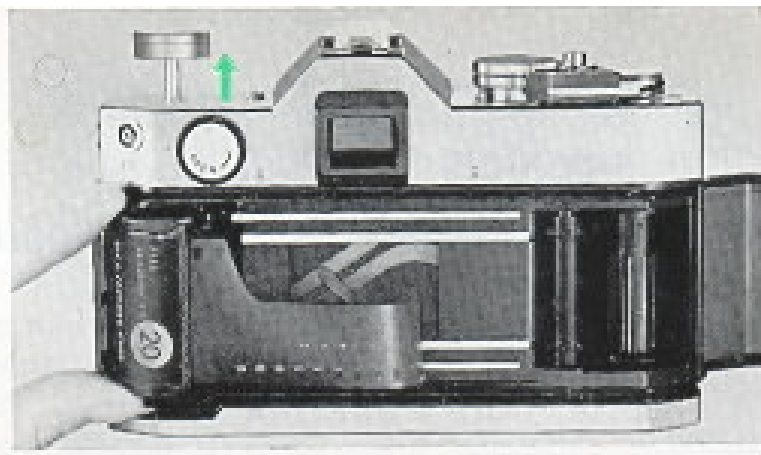
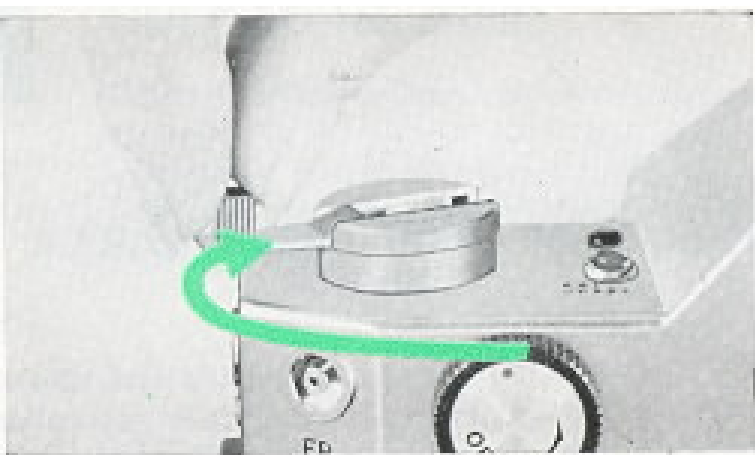
Light conditions & Subjects	Measuring Procedures	Shutter Speeds & Apertures
Fair : Fast moving subjects	Preselection of shutter speed	1/1000, 1/500, 1/250 sec.
Hazy : Moving subjects	Preselection of shutter speed	1/250 & 1/125 sec.
Overcast : Rainy	Preselection of shutter speed	1/60 & 1/30 sec.
Indoors : Dim light	Preselection of aperture	Select large aperture
Special cases		“B” setting

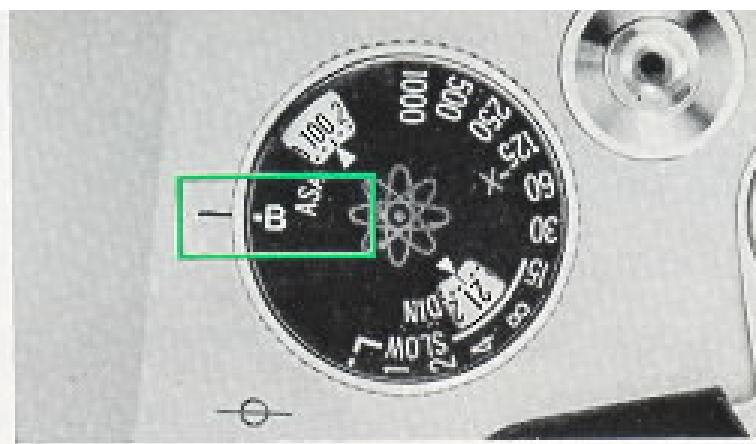


In focus











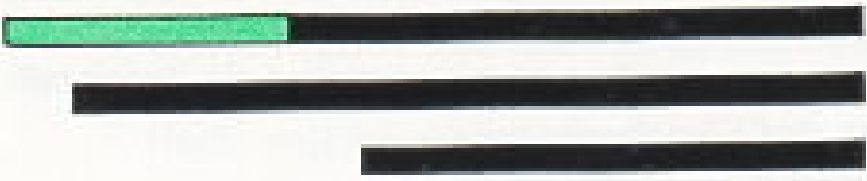
Exposure set in the normal manner



Exposure reading taken by approaching the main



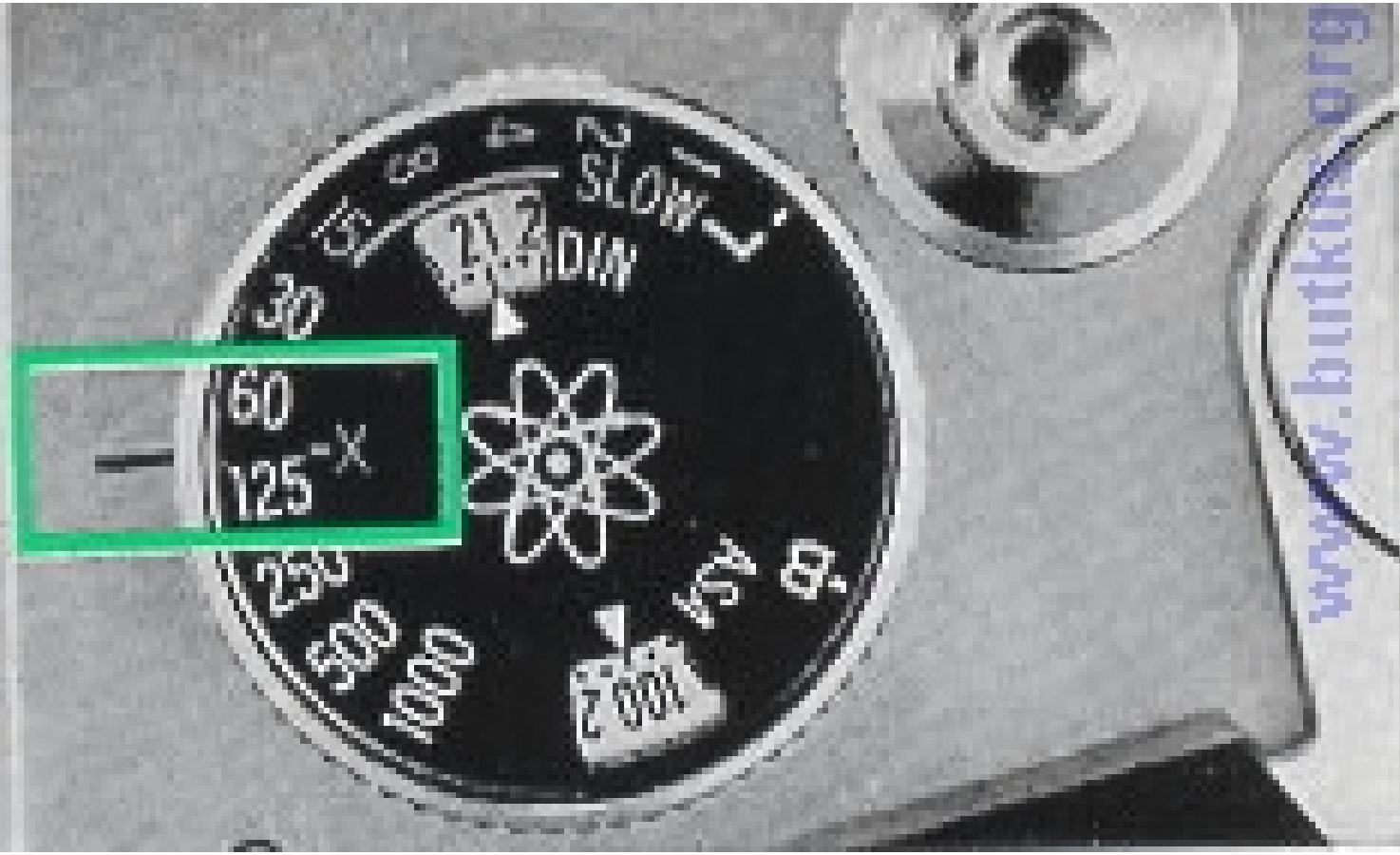


Flash Terminal	Type of Flash Unit	1000 500 250 125 (-X) 60 30 15 8 4 2 1 B
FP	FP MF(AG-Type) M	
X	Electronic flash MF(AG-Type) M	

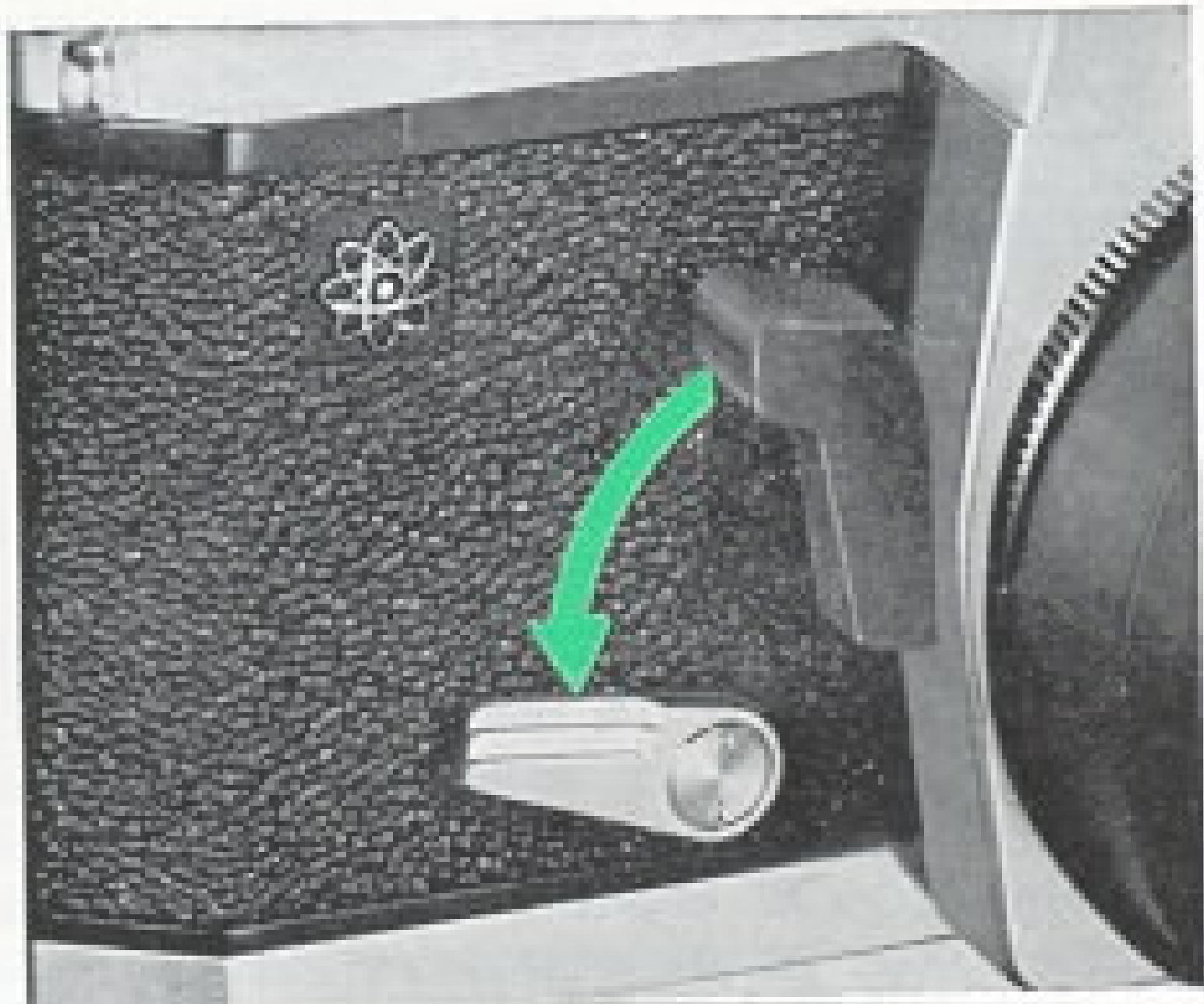
■ For shutter speeds within the green zone use Toshiba or National AG-6J or AG-6B FP class flash bulbs.

FLASH PHOTOGRAPHY





SELF-TIMER



"R" MARK

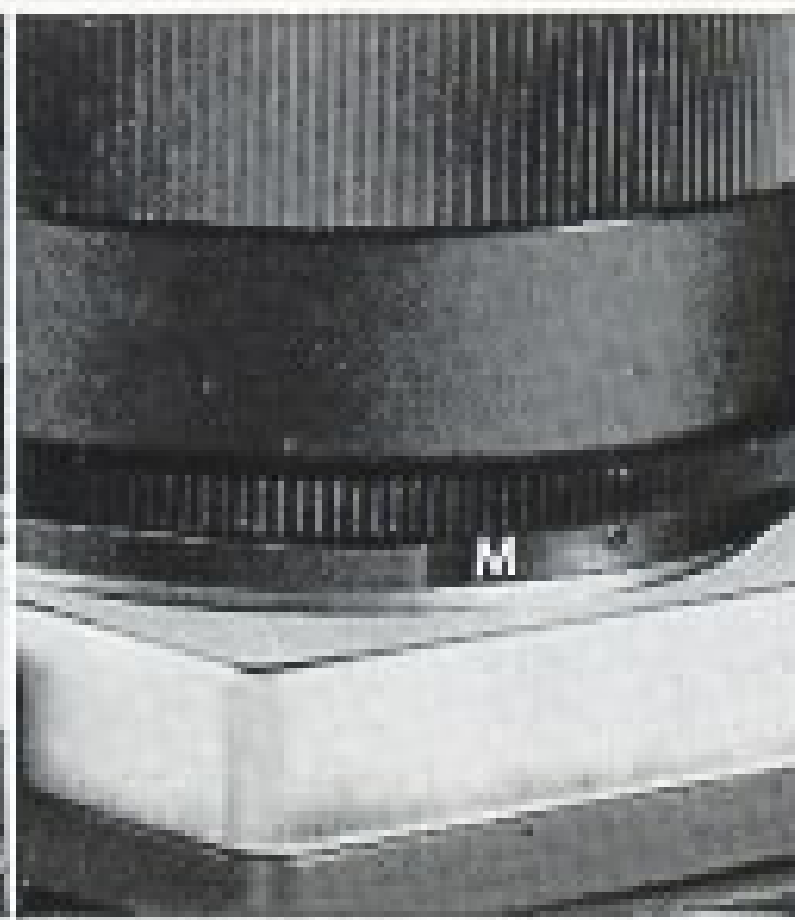
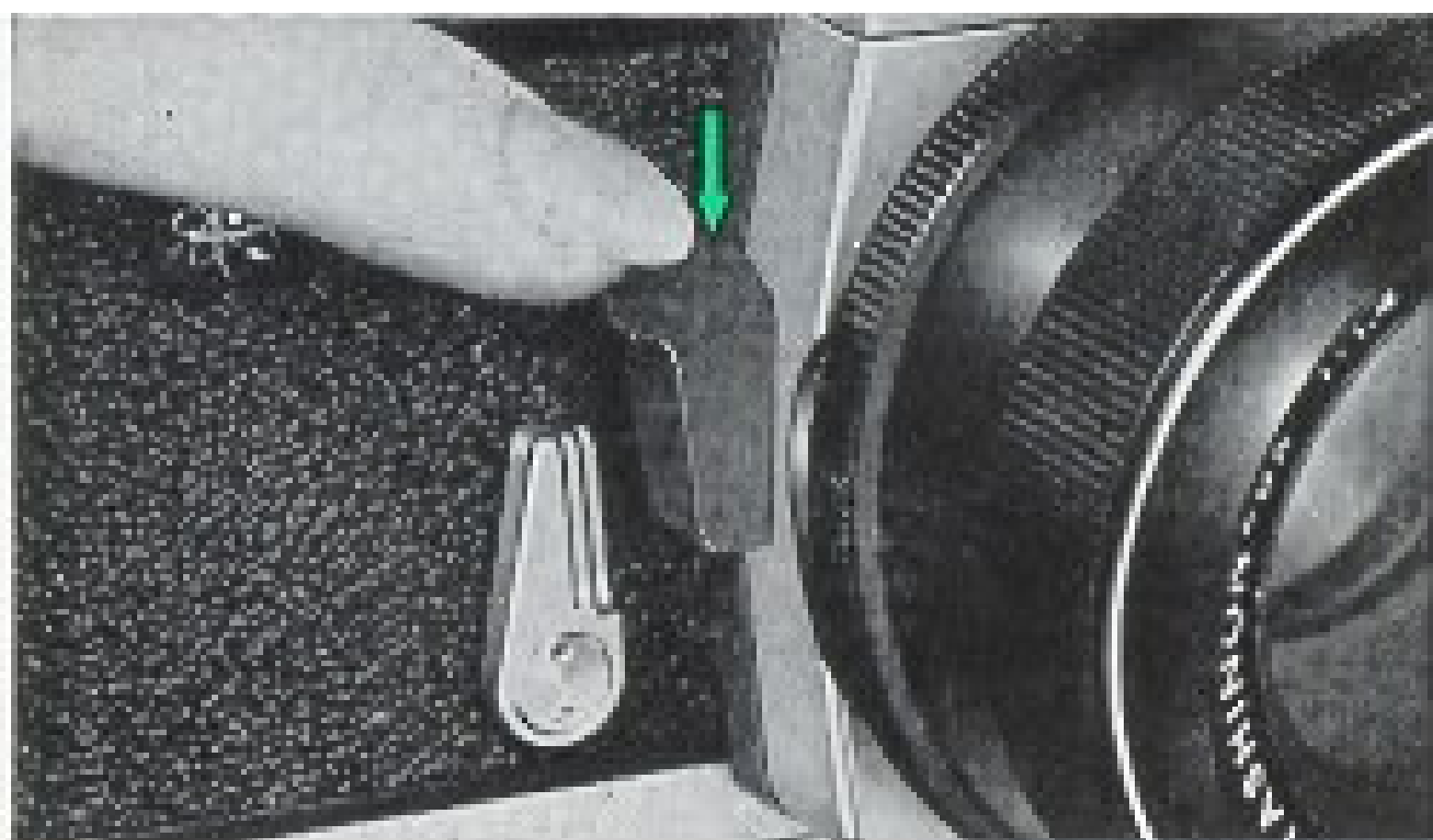


FILM PLANE MARK

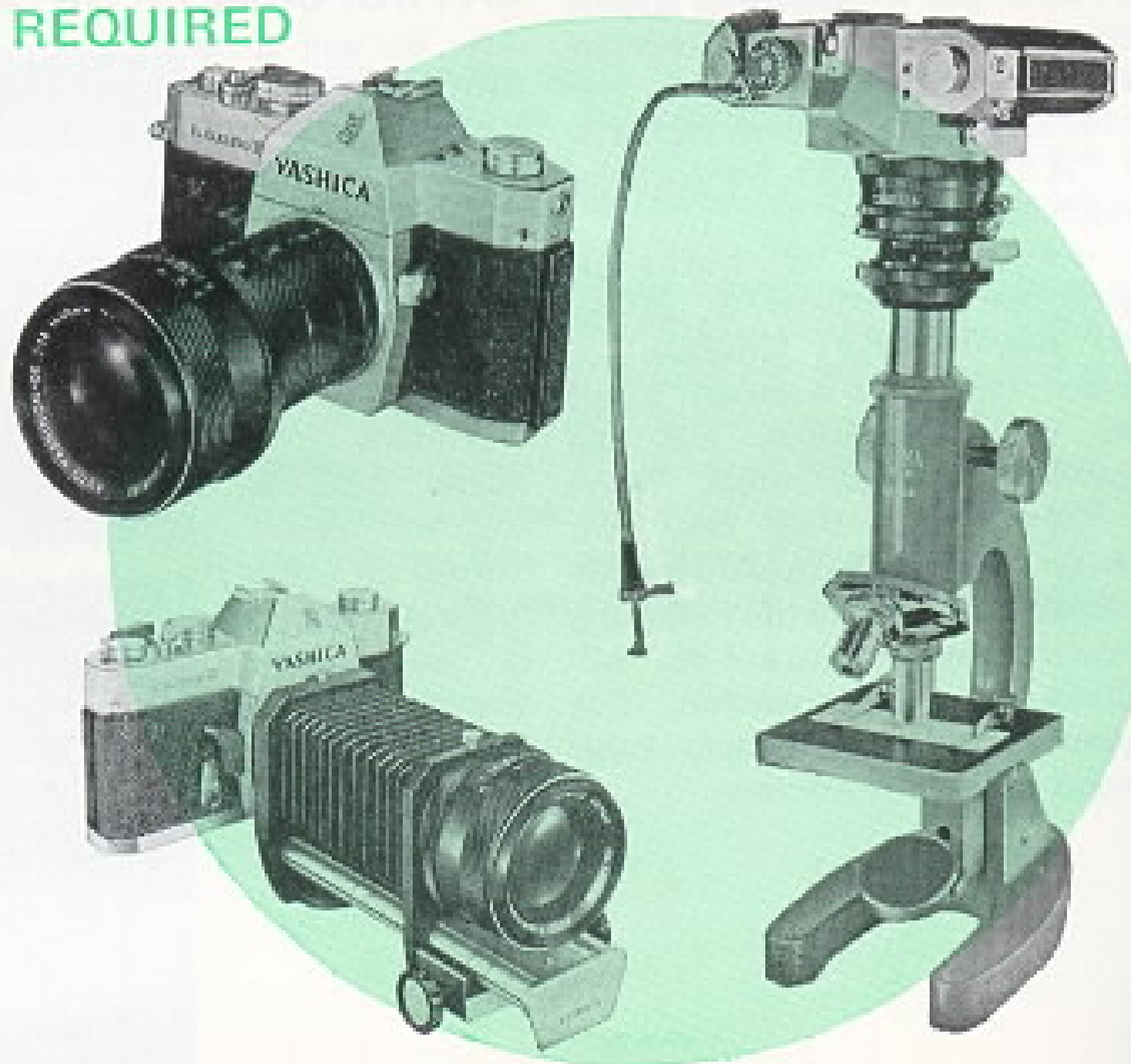


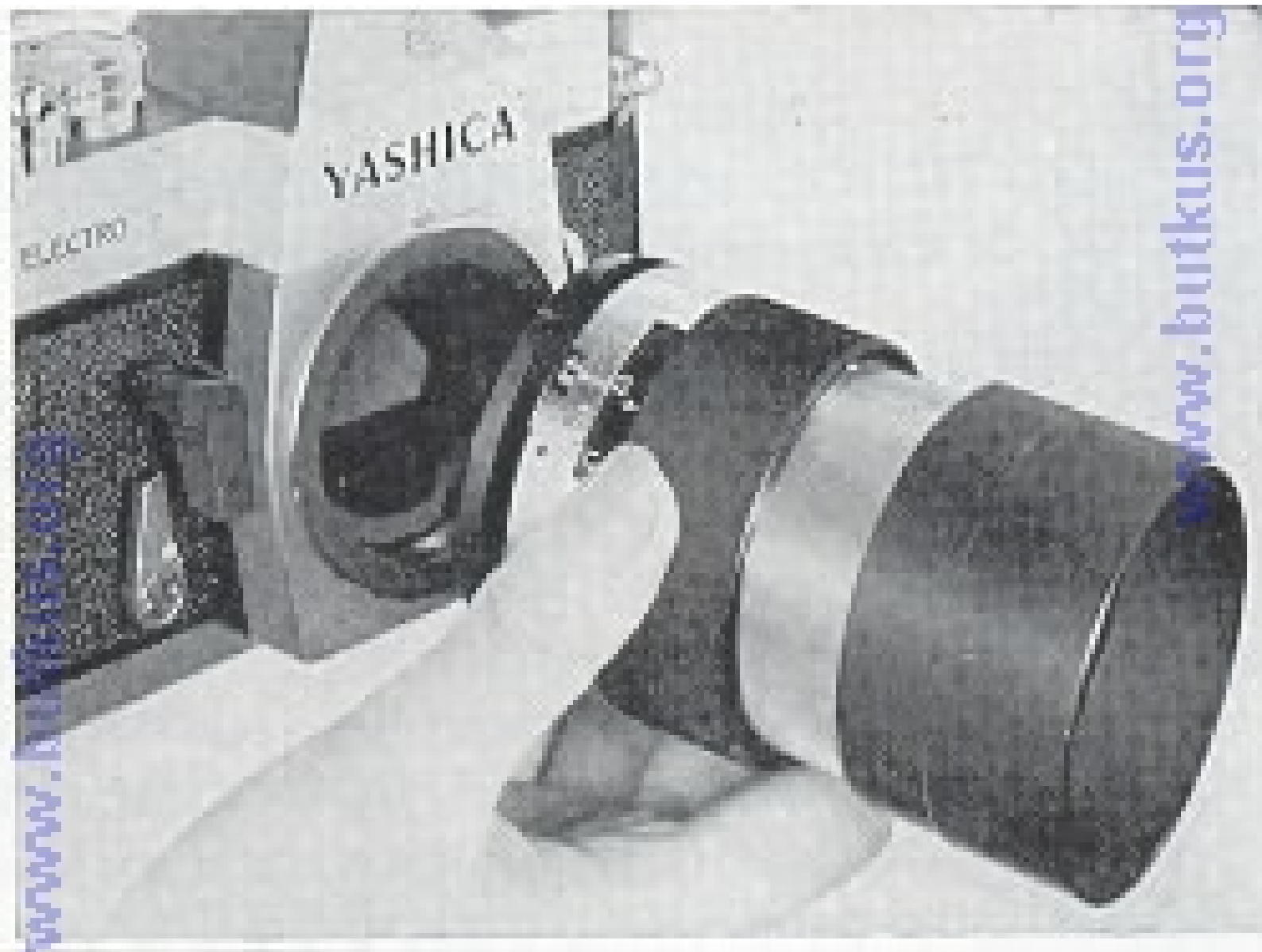
MIRROR LOCK





REQUIRED





DEPTH OF FIELD

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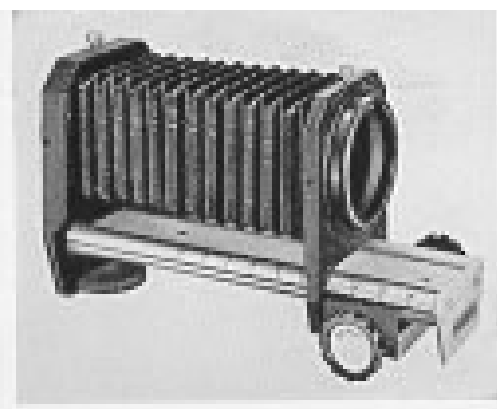
At f/1.4

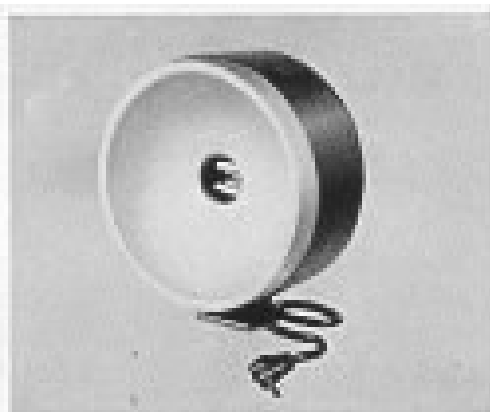
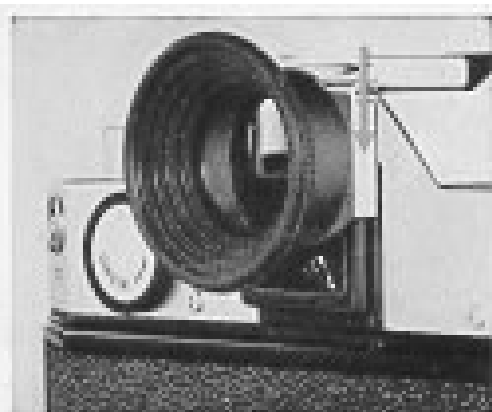


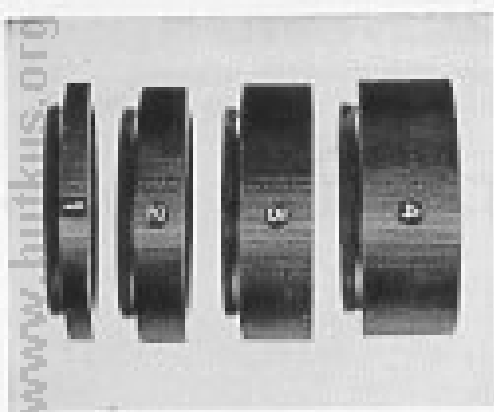
At f/16

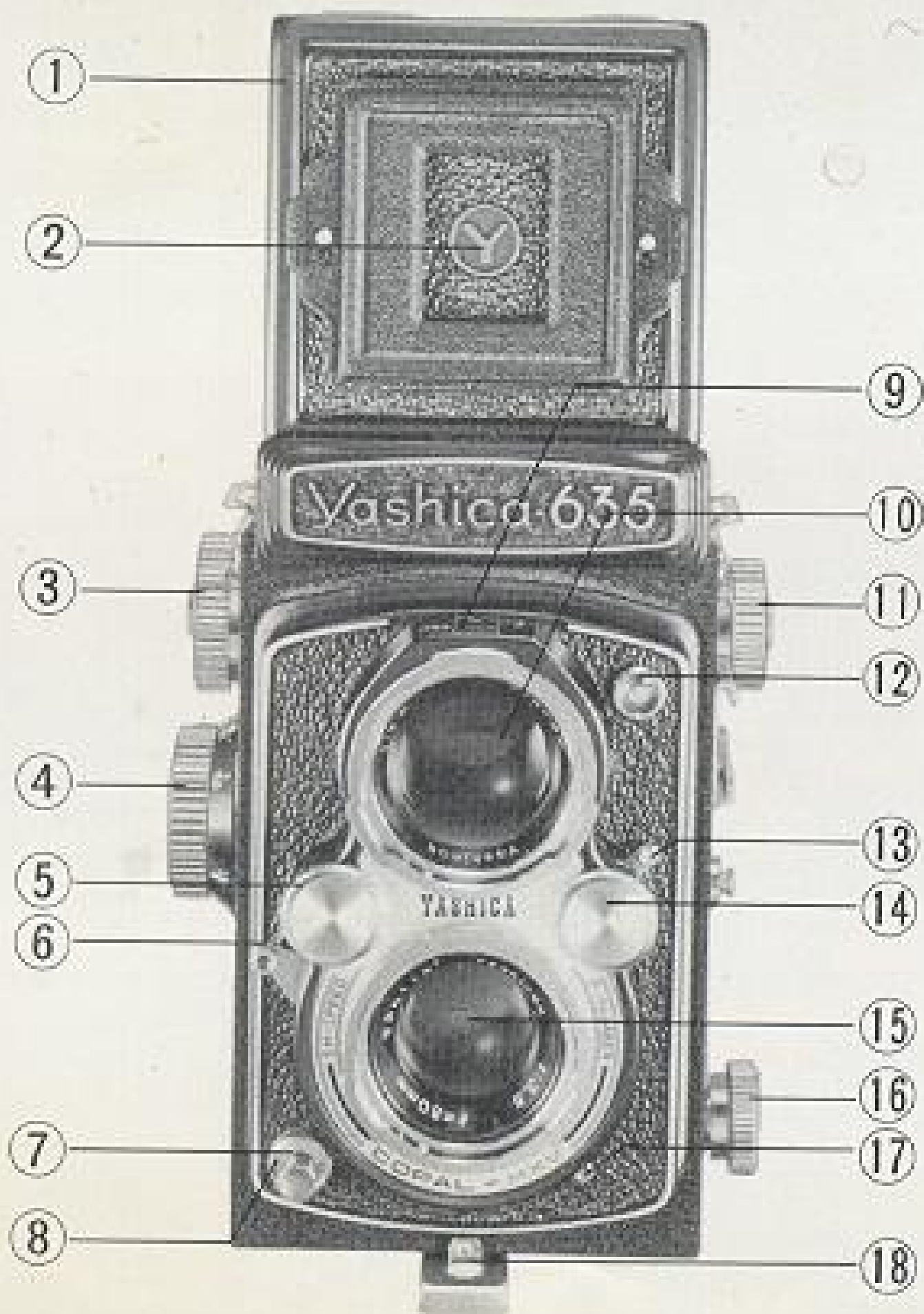
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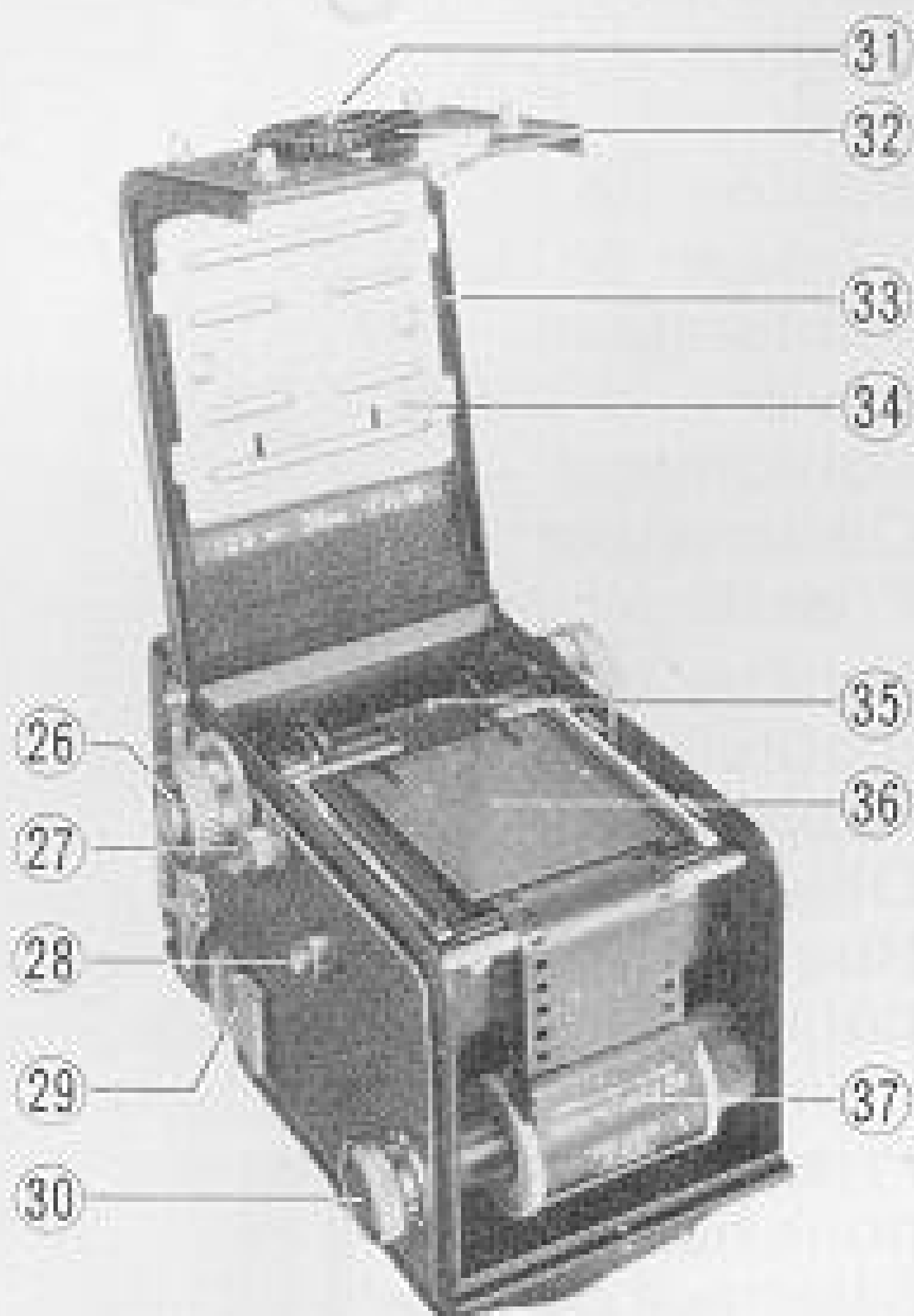


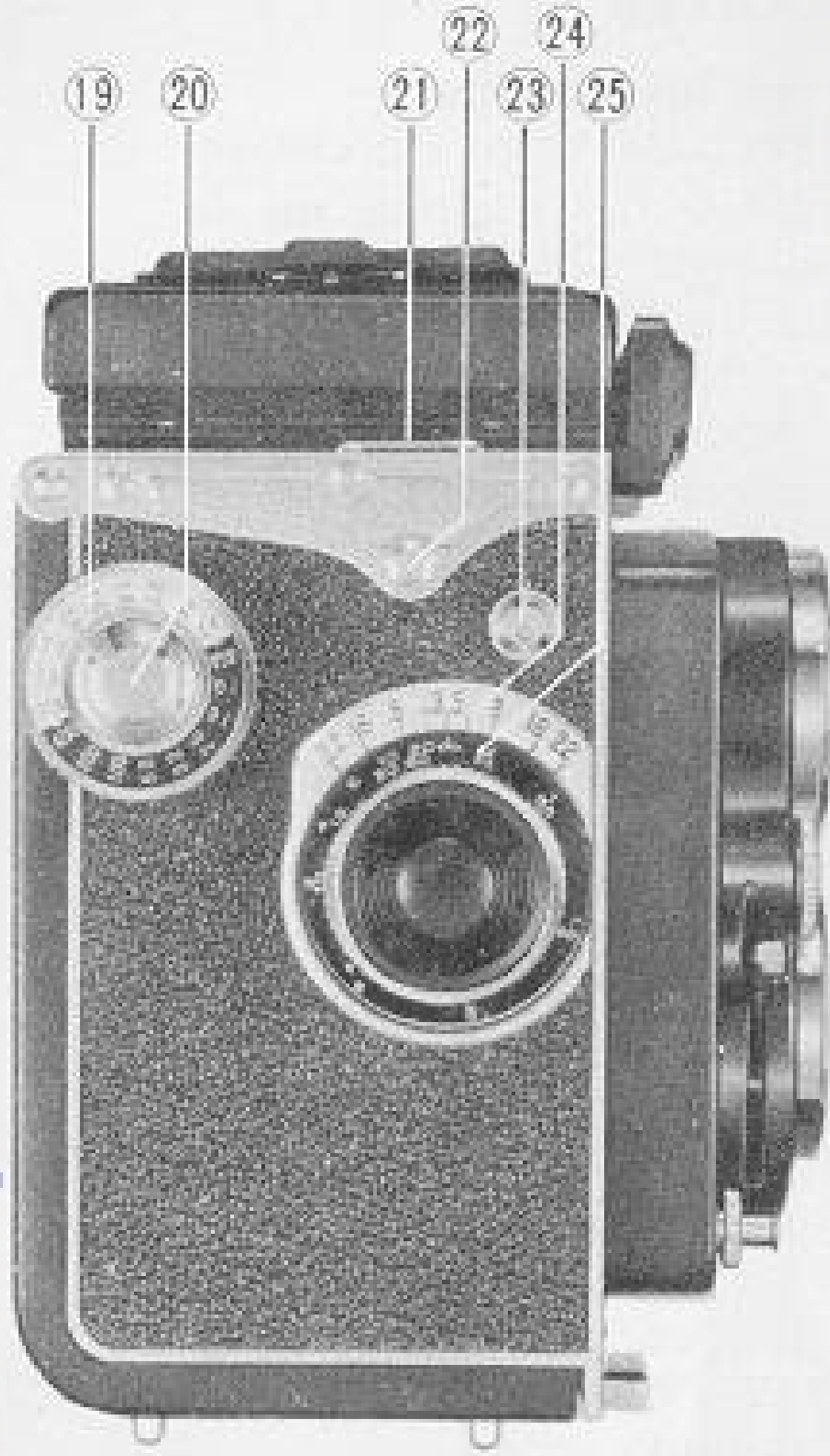


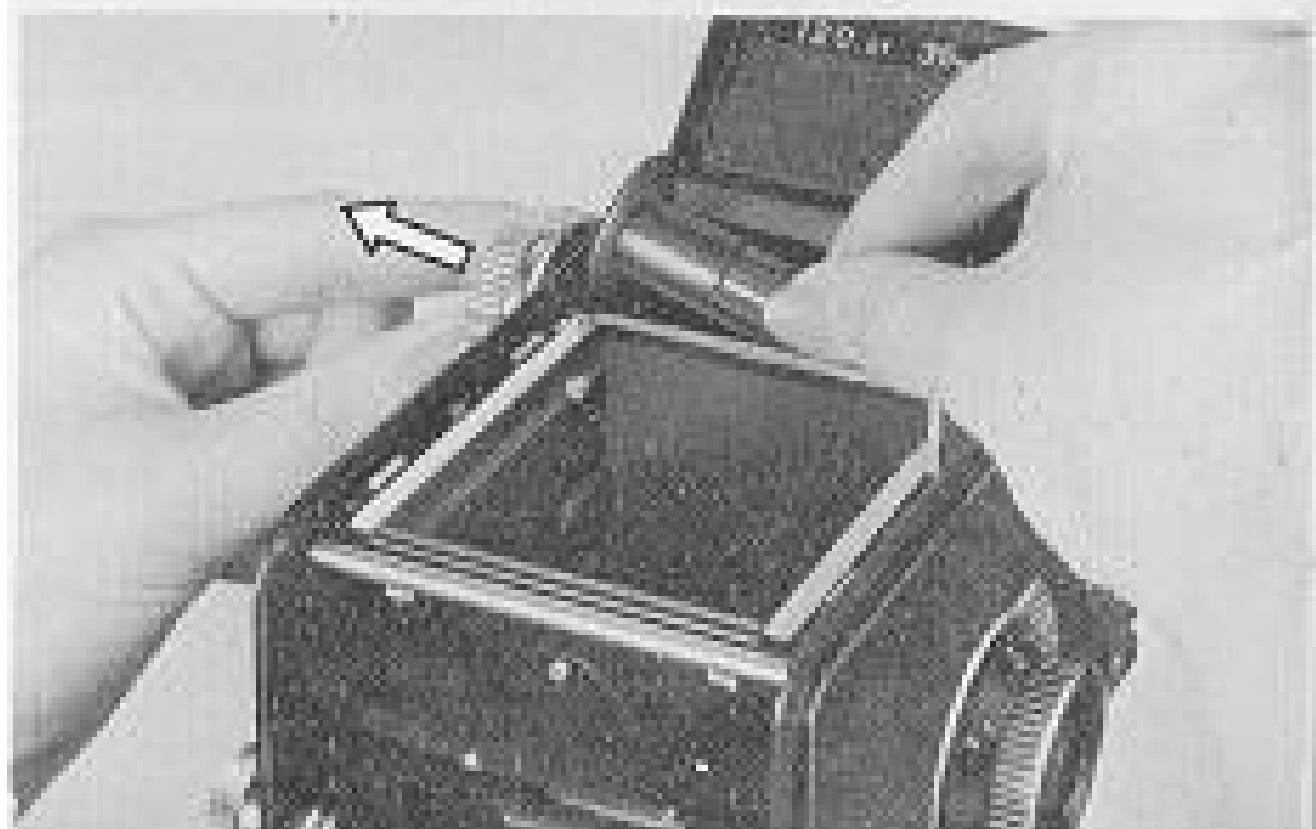
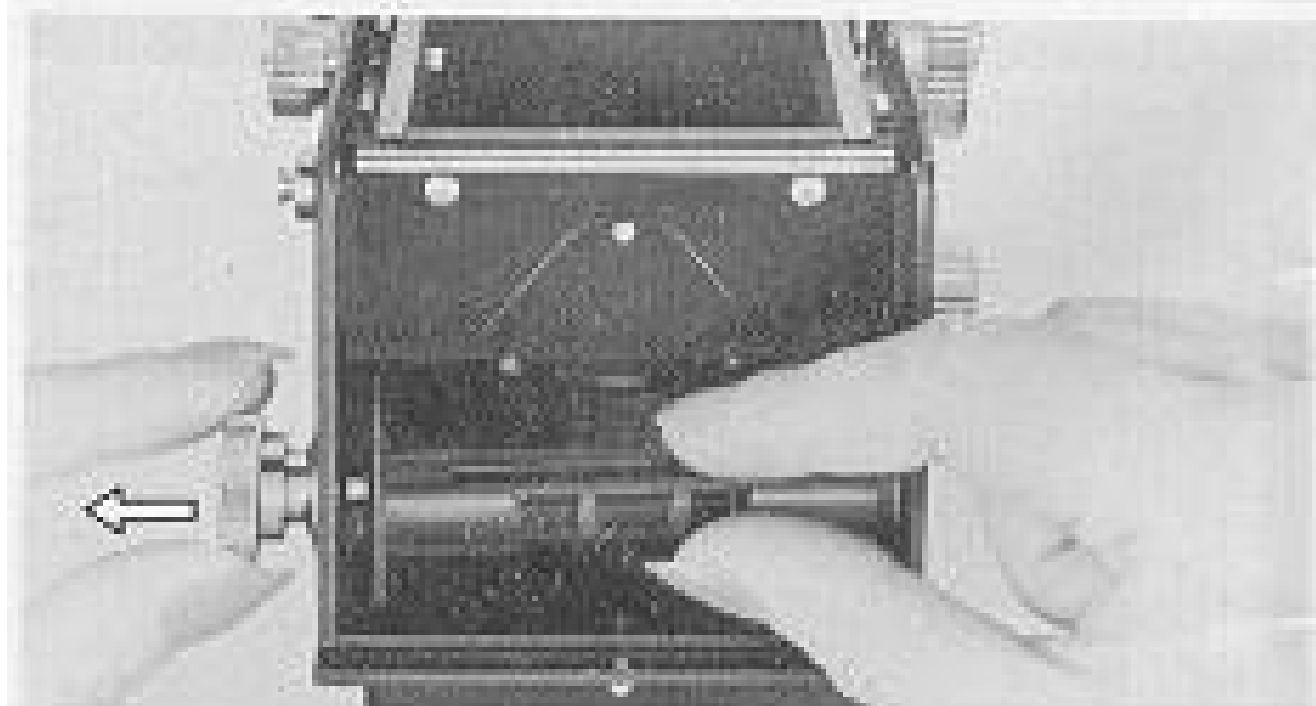
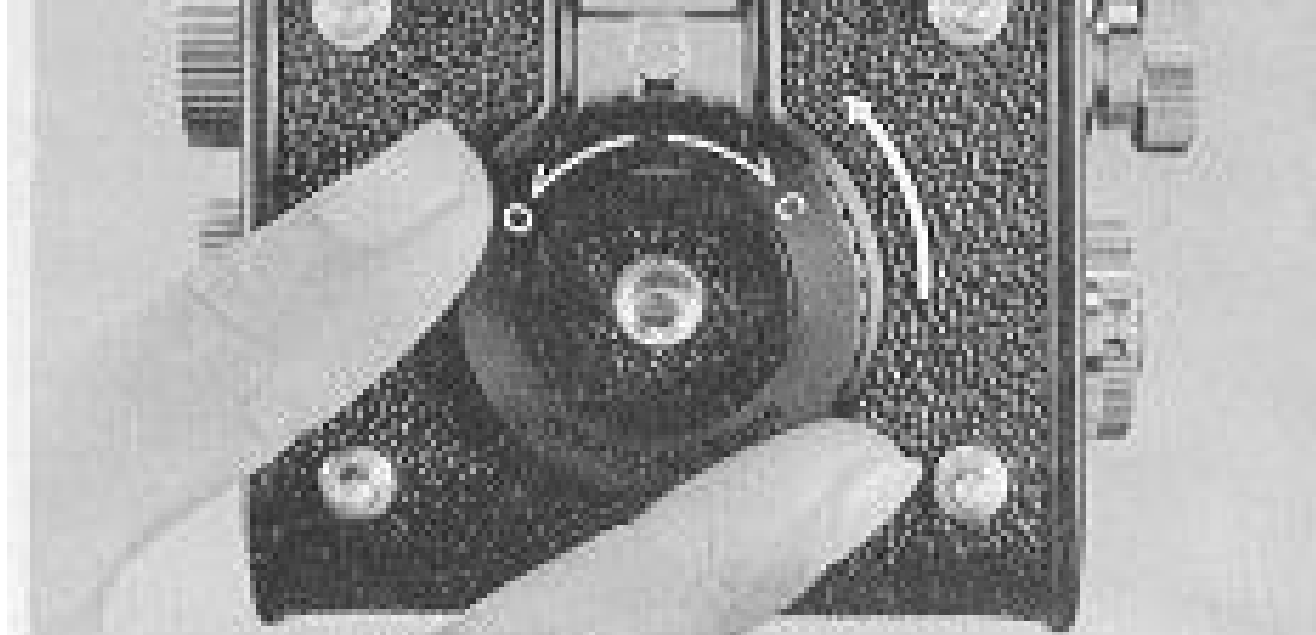




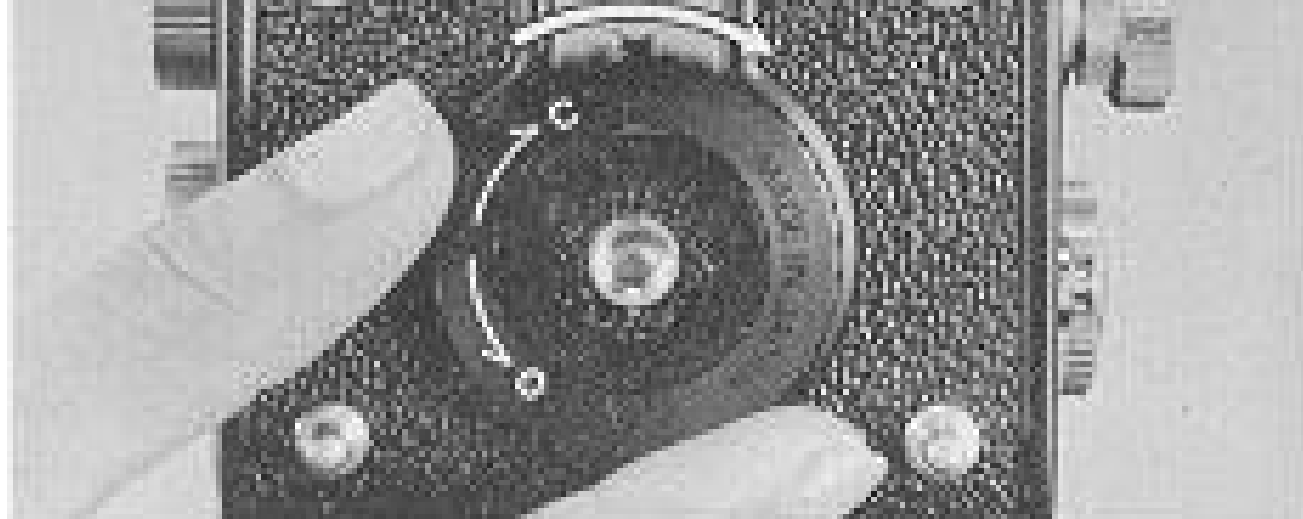
Model	Diaphragm	Angle of View	Minimum Focus	Filter Size
Yashinon-DX f/3.3 21mm lens	Manual	92°	0.8m (2.5')	55mm screw-in
Auto Yashinon-DX f/2.8 28mm lens	Automatic	75°	0.4m (1.25')	62mm screw-in
Auto Yashinon-DX f/2.8 35mm lens	Automatic	63°	0.4m (1.5')	52mm screw-in
Super Yashinon-DX f/2.8 35mm lens	Preset	63°	0.45m (1.5')	52mm screw-in
Auto Yashinon-DX f/2.8 100mm lens	Automatic	24°	1.2m (4')	52mm screw-in
Auto Yashinon-DX f/2.8 135mm lens	Automatic	18°	1.5m (5')	55mm screw-in
Super Yashinon-DX f/2.8 135mm lens	Preset	18°	1.5m (5')	55mm screw-in
Auto Yashinon-DX f/4 200mm lens	Automatic	12°20'	2.5m (8')	55mm screw-in
Super Yashinon f/4.5 200mm lens	Preset	12°	3m (10')	55mm screw-in
Auto Yashinon-DX f/5.6 300mm lens	Automatic	8°10'	4.5m (15')	58mm screw-in
Super Yashinon-R f/5.5 300mm lens	Preset	8°	8m (25')	62mm screw-in
Super Yashinon-R f/6.3 400mm lens	Preset	6°	9m (30')	72mm screw-in
Reflex Yashinon-DX f/5 500mm lens		5°	10m (35')	
Super Yashinon f/8 600mm lens	Preset	4°	13m (42')	37mm drop-in
Super Yashinon f/8 800mm lens	Preset	3°	25m (82')	37mm drop-in
Auto Yashinon-DX Zoom f/4 80-160mm lens	Automatic	31°07'-15°10'	2.5m (8')	62mm screw-in
Auto Yashinon Zoom f/4.5 75-230mm lens	Automatic	32°22'-10°46'	2.5m (9')	67mm screw-in
Yashinon-R Zoom f/4.5 75-230mm lens	Preset	32°22'-10°46'	2.5m (9')	67mm screw-in
Super Yashinon-R Zoom f/5.8 90-190mm lens	Preset	26°52'-12°59'	1.8m (6')	55mm screw-in

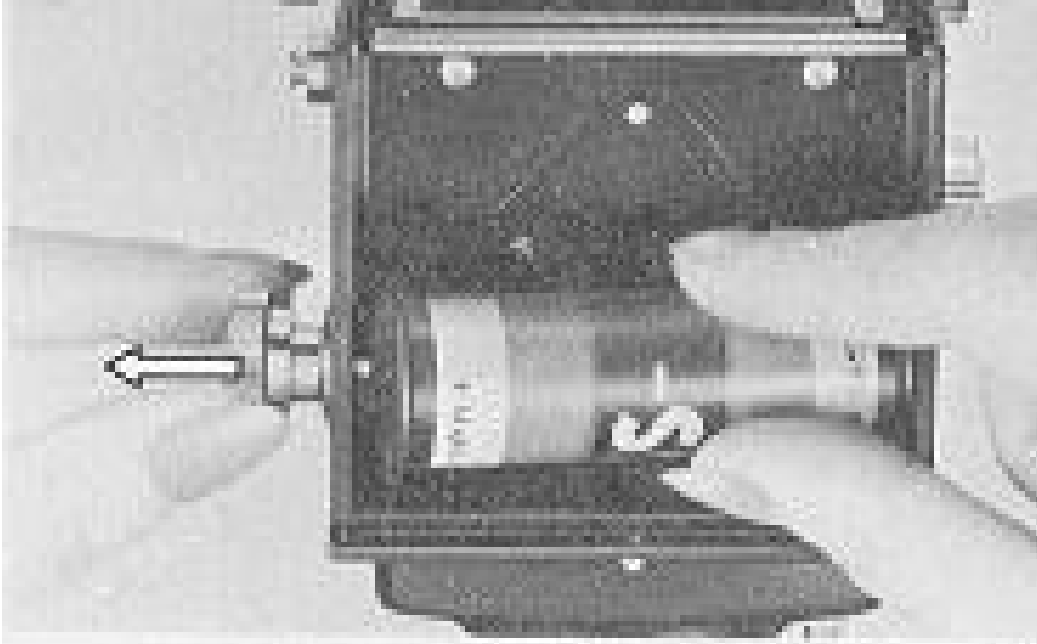
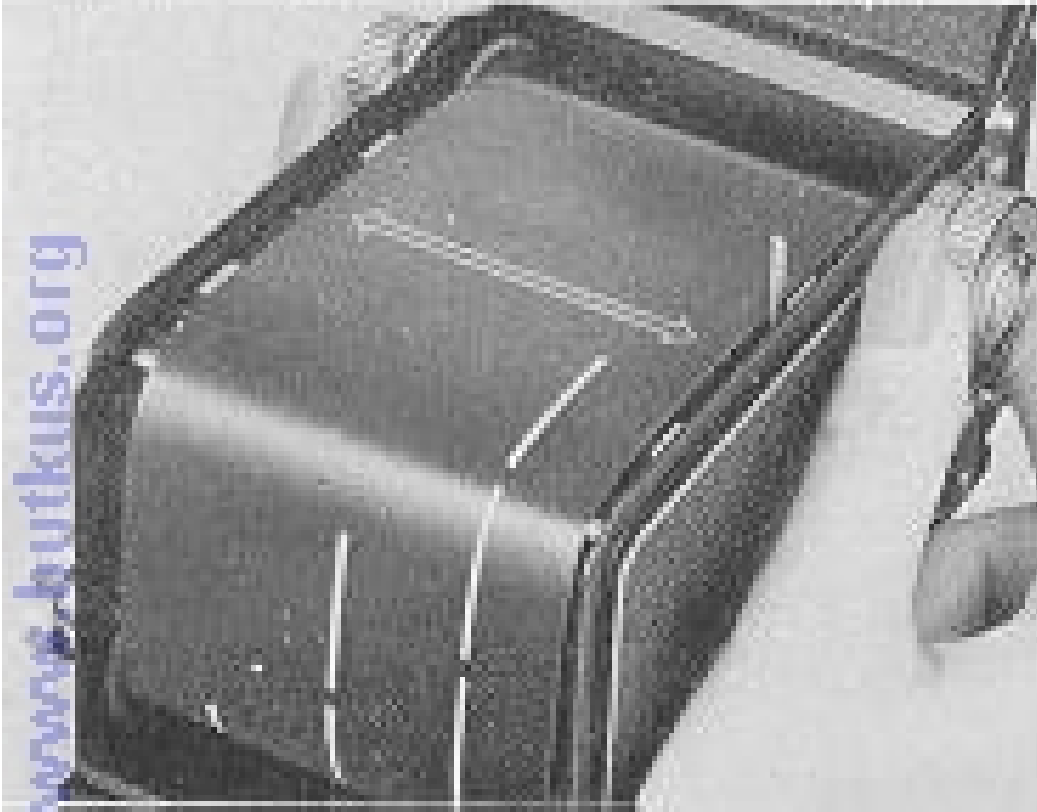


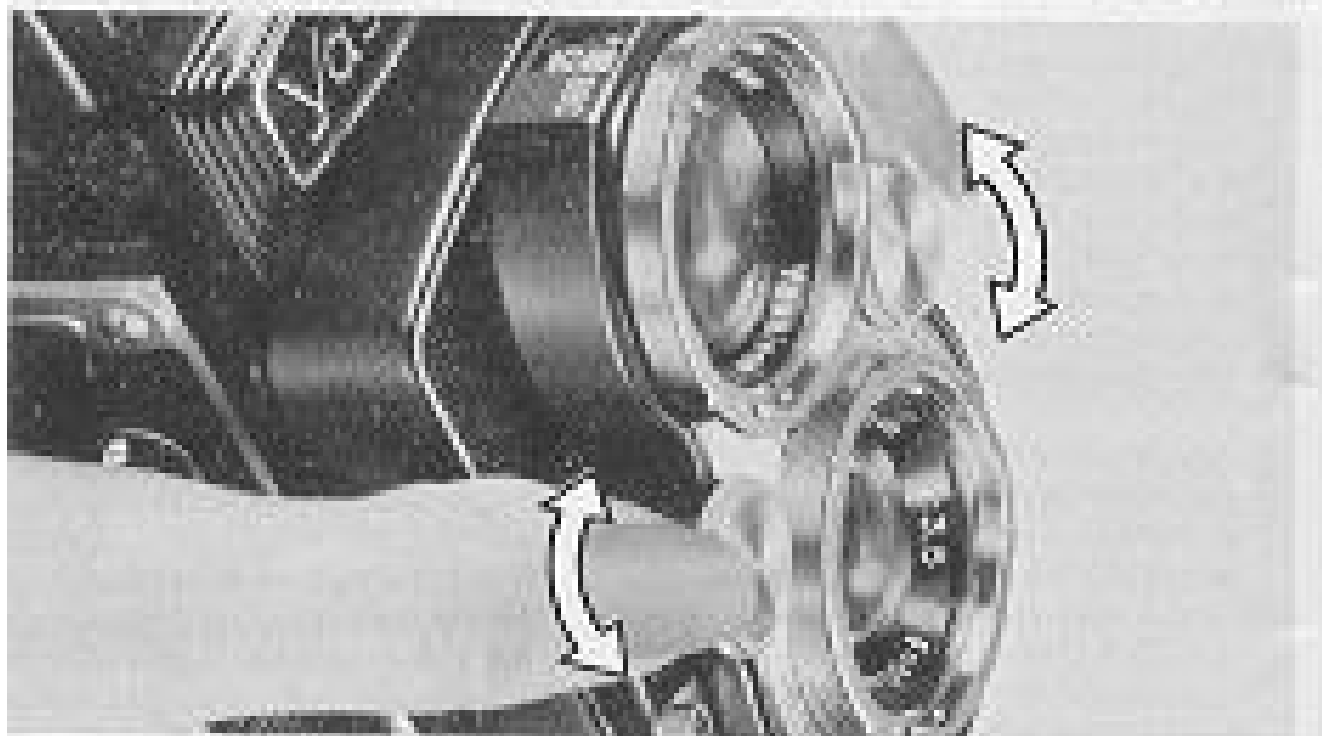


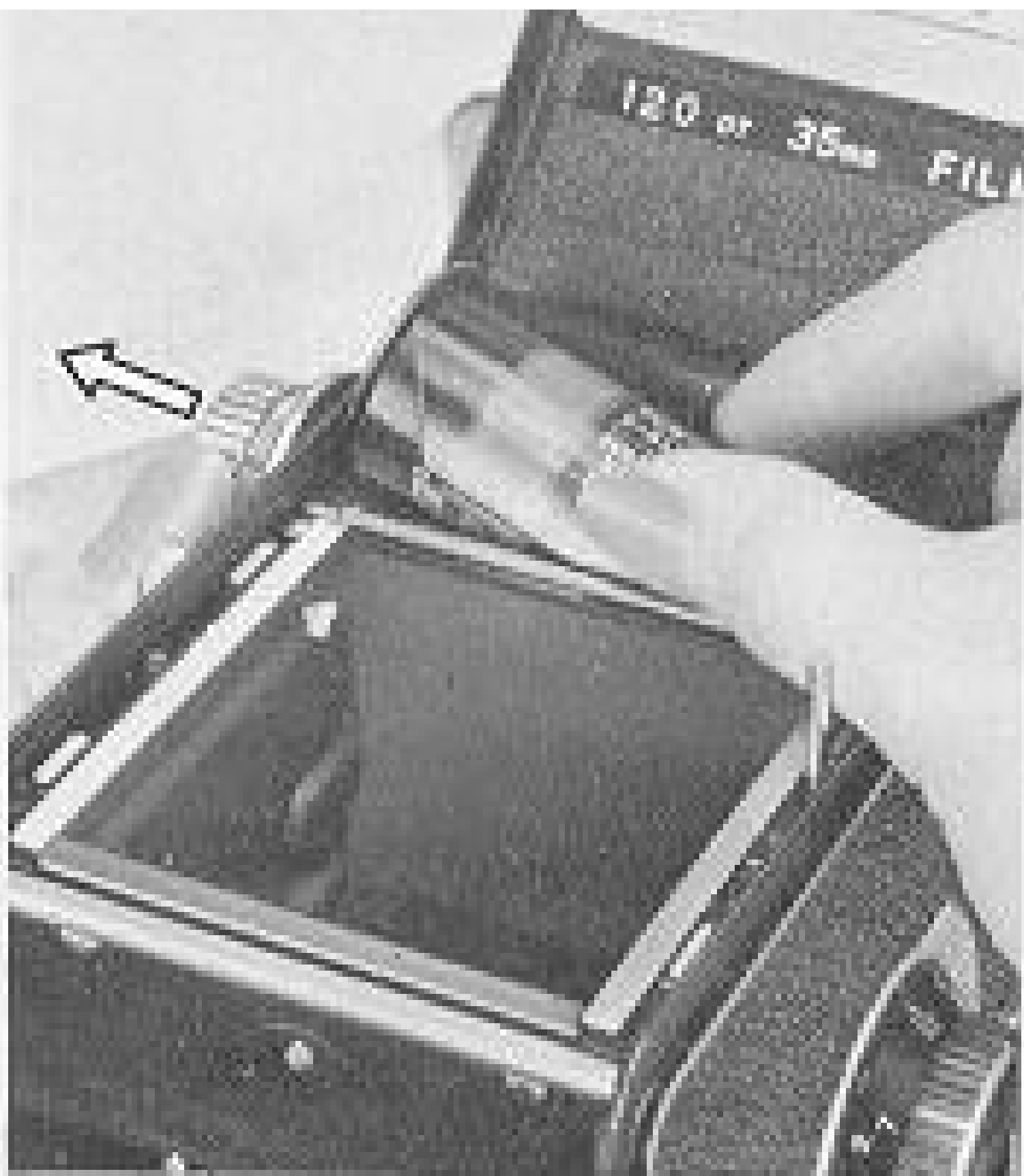


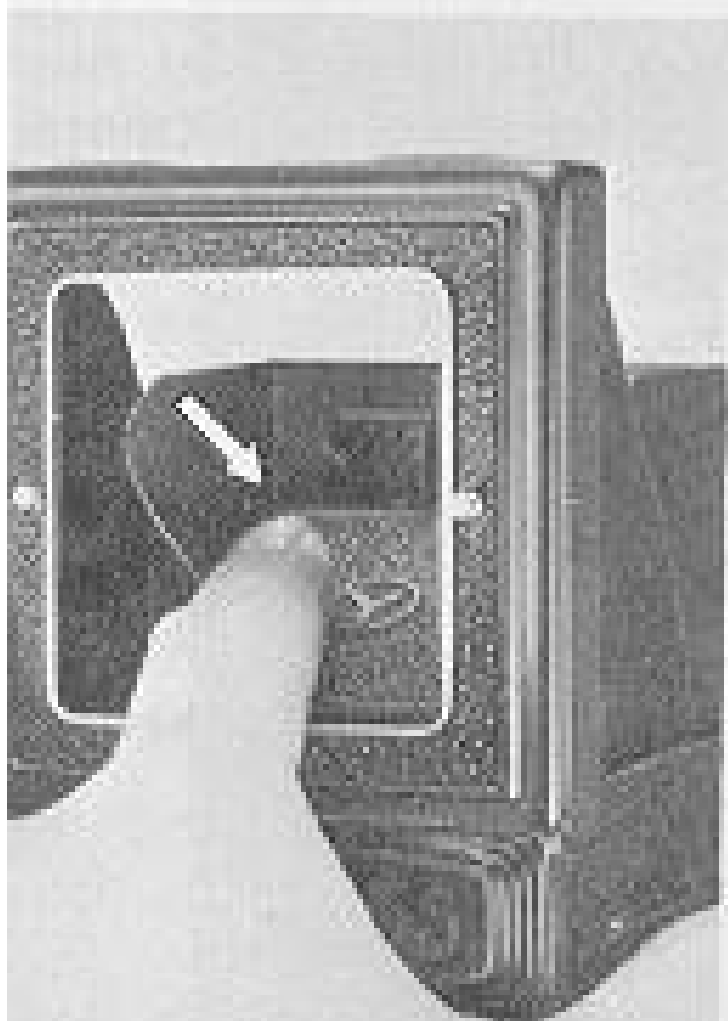
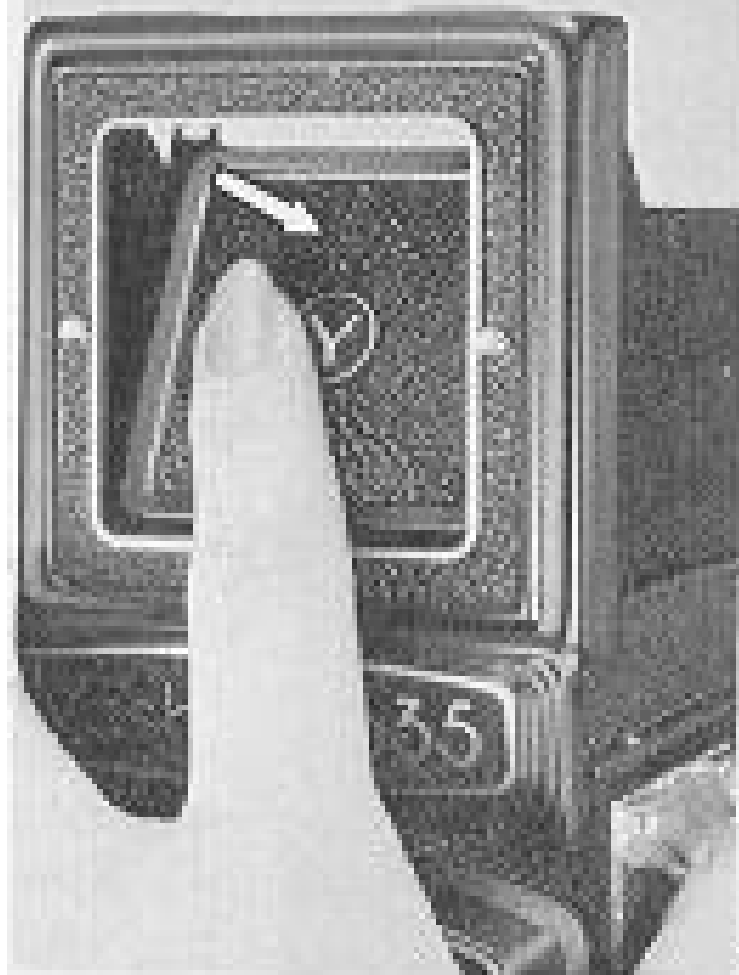


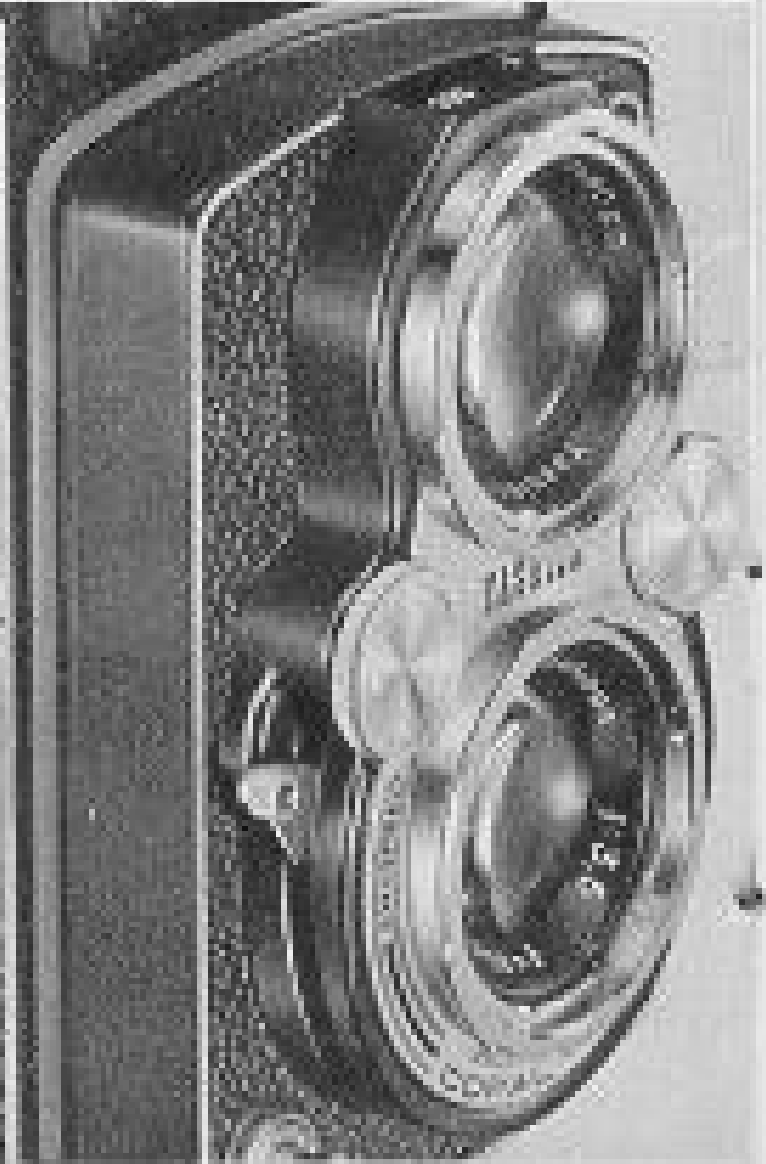
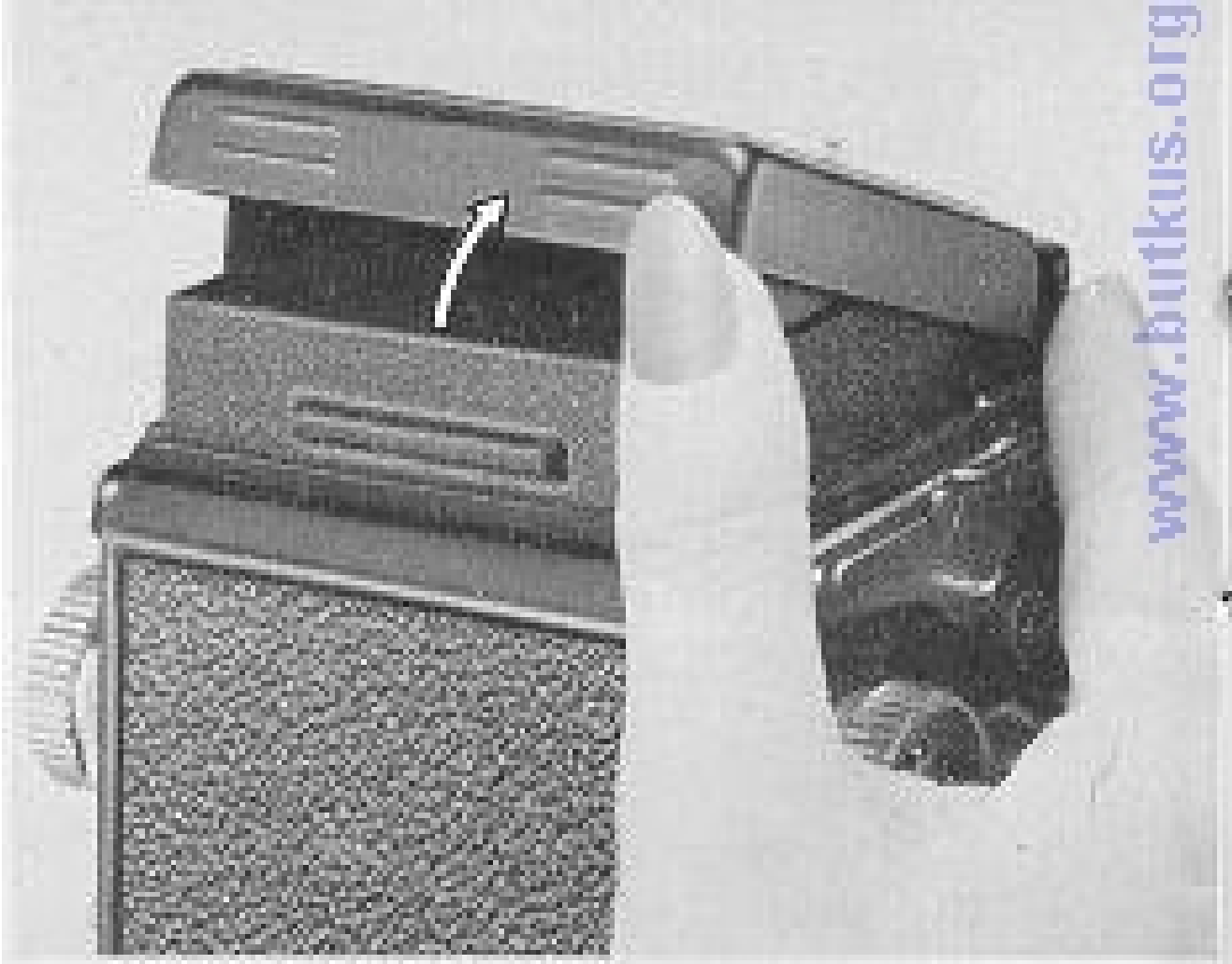


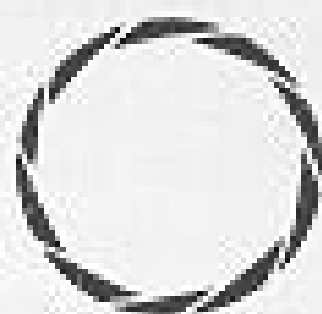












f 3.5



f 4



f 5.6



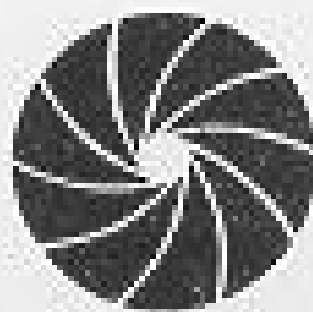
f 8



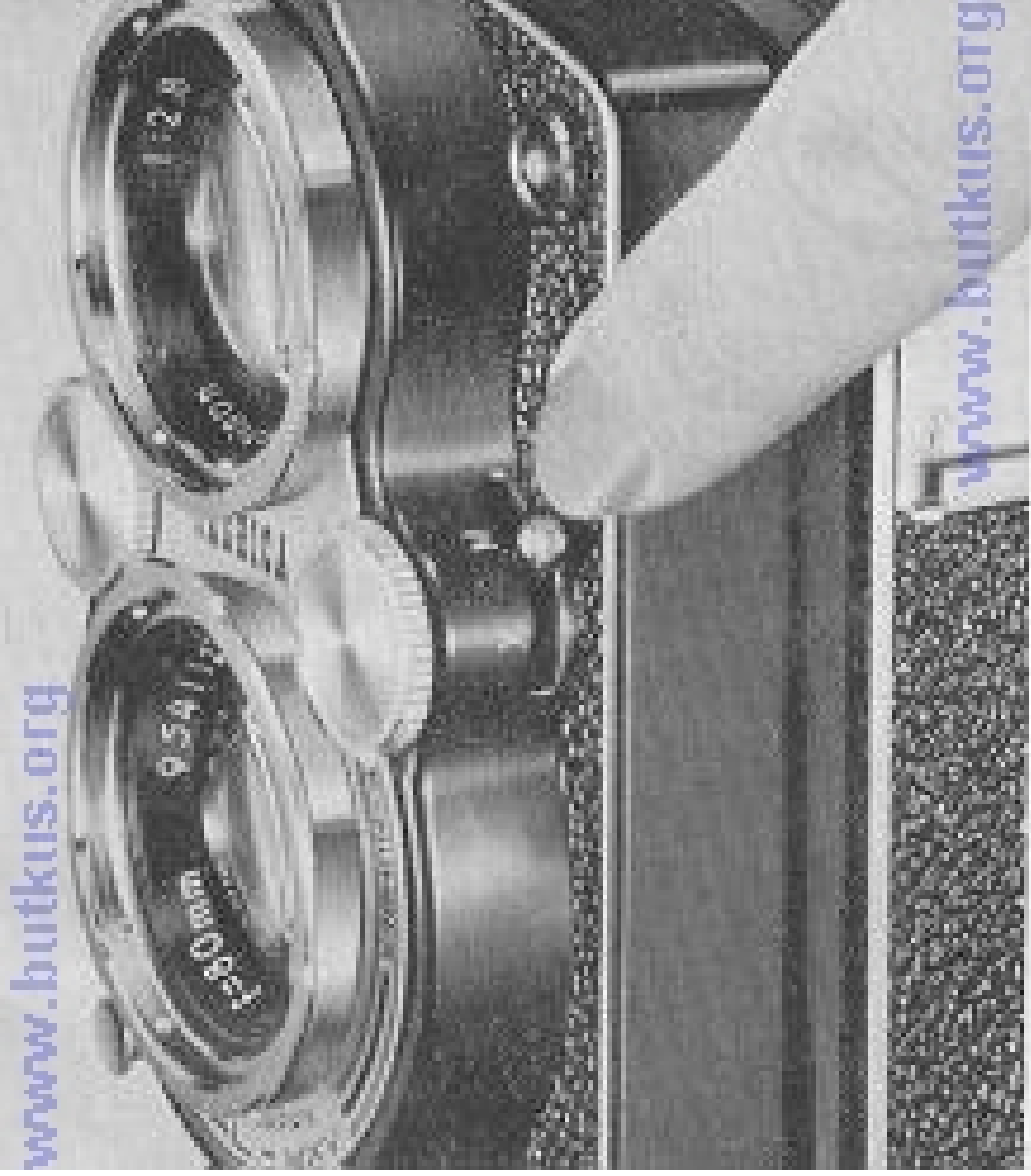
f 11

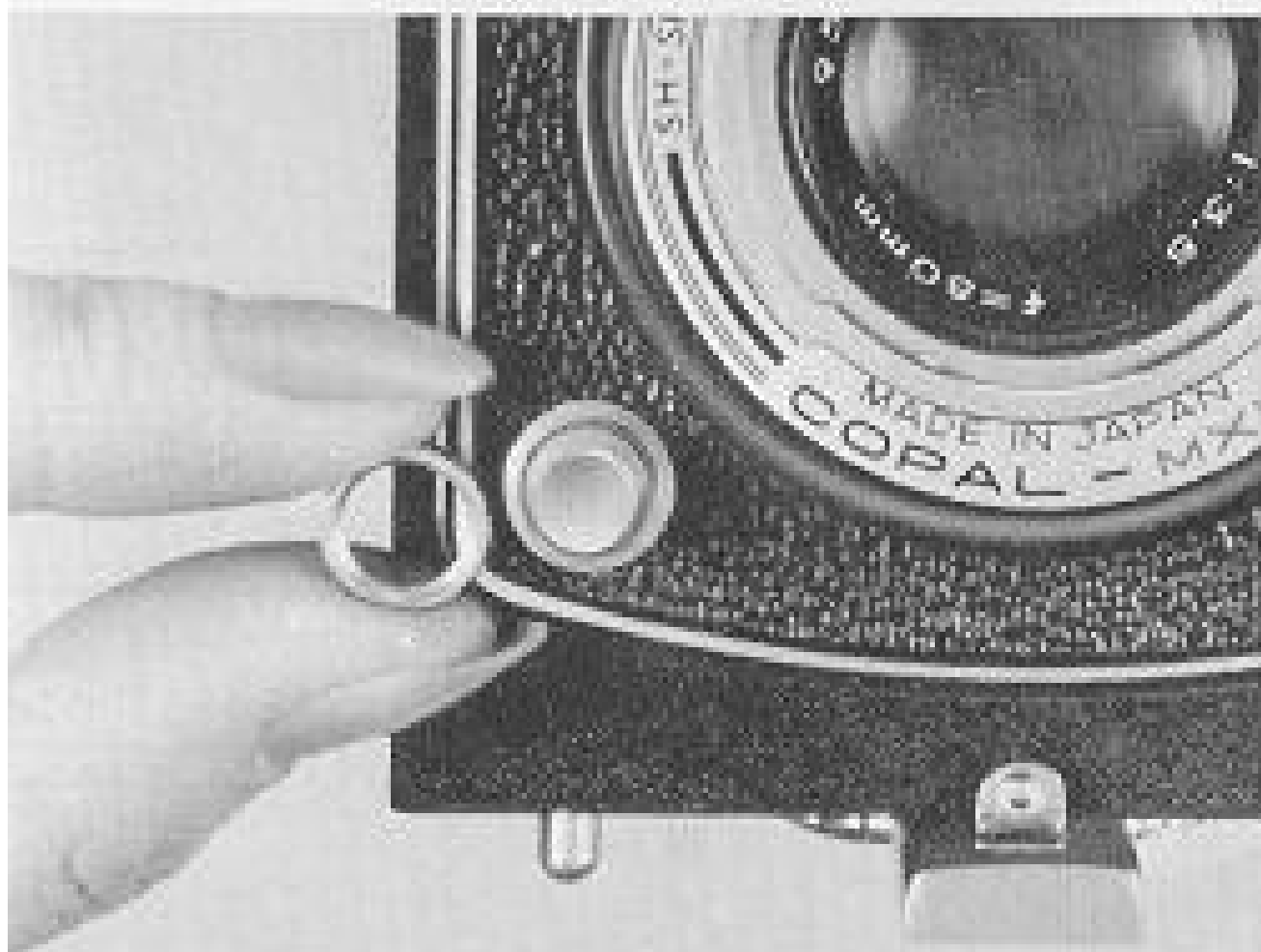


f 16



f 22





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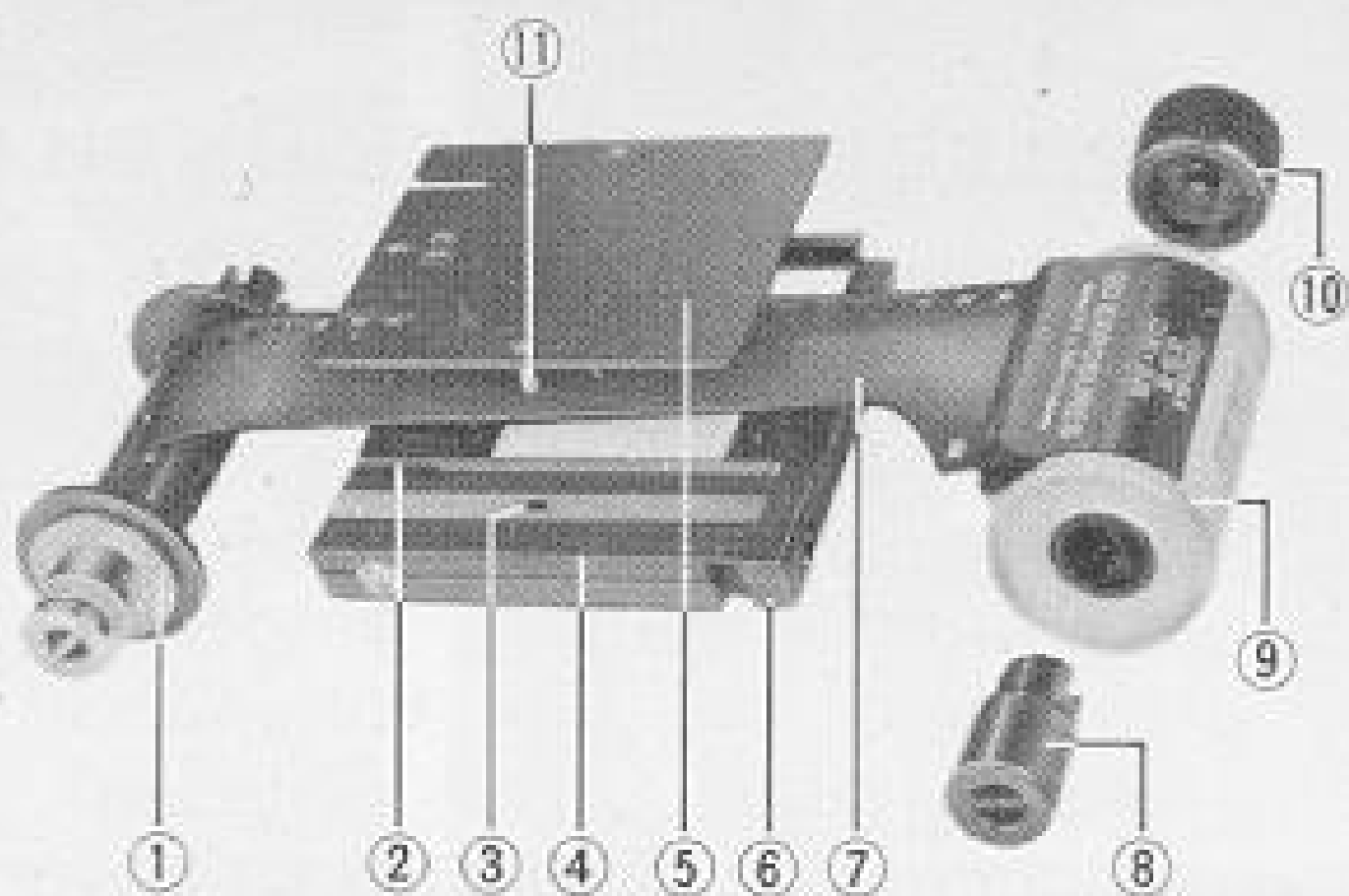


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ZOOM 35-70mm F3.5-4.5

INSTRUCTIONS

Operation

Attach the lens to the camera body as you would normally do with your standard lens.

The split-image finder is generally designed for standard lenses. Therefore, sometimes there is a discrepancy in focusing depending on your eye position when you are using a zoom lens. If this is the case, focusing is best done on the ground glass portion of the focusing screen.

A. Standard Photography Using Zoom

- 1) Set the shutter speed and lens aperture
- 2) When focusing, first set the zoom ring to the 70mm position, then rotate focus ring and then rotate zoom ring to get proper perspective and composition. After focusing at the 70mm position, focus remains constant throughout the entire zoom range. Focusing at the 70mm setting will be sharper to the eye due to the shallower depth-of-field. It is, however, advisable that you check the focus of the lens after zooming

B. Infrared Photography

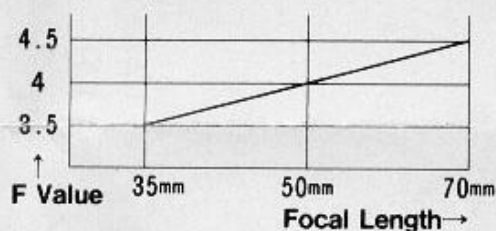
- 1) When taking pictures using an infrared film, first follow the normal focusing sequence above mentioned.
- 2) Then turn the focus ring to the right so that the distance aligned with the center line of the lens is now aligned with the Infrared Guide mark "R".

When using the 70mm focal length, realignment should be made with the Infrared Guide mark which dose to center line and 35mm focal length realignment with other "R" mark.

Lens Aperture

The aperture values indicated on the Aperture Scale are those for the 35mm focal length setting. Actual aperture values for the 70mm setting are approximately 1 stop slower and those for an intermediate focal length setting are also slower than the aperture values appearing on the Aperture Scale. The difference in actual aperture values increases from zero to 1 stop in proportion to the focal length setting from 35mm to 70mm. When you are using the camera's

built-in TTL exposure meter, the difference will automatically be compensated. Even when you are photographing without such a TTL meter, the difference in actual aperture value is mostly negligible. When a critical exposure setting is required without using the camera's TTL meter, for example in flash photography, please refer to the aperture value table provided below.



Specification

Zoom 35-70mm F3.5-4.5

Lens Construction : 9 elements in 9 groups

Angle of View : 63°-34°

Minimum Aperture : F22 at 35mm setting (F27 at 70mm)

Minimum Focusing Distance : 50cm (1.6 ft.) from film plane

Maximum Magnification : 1:6.7

Filter Size : 52mm

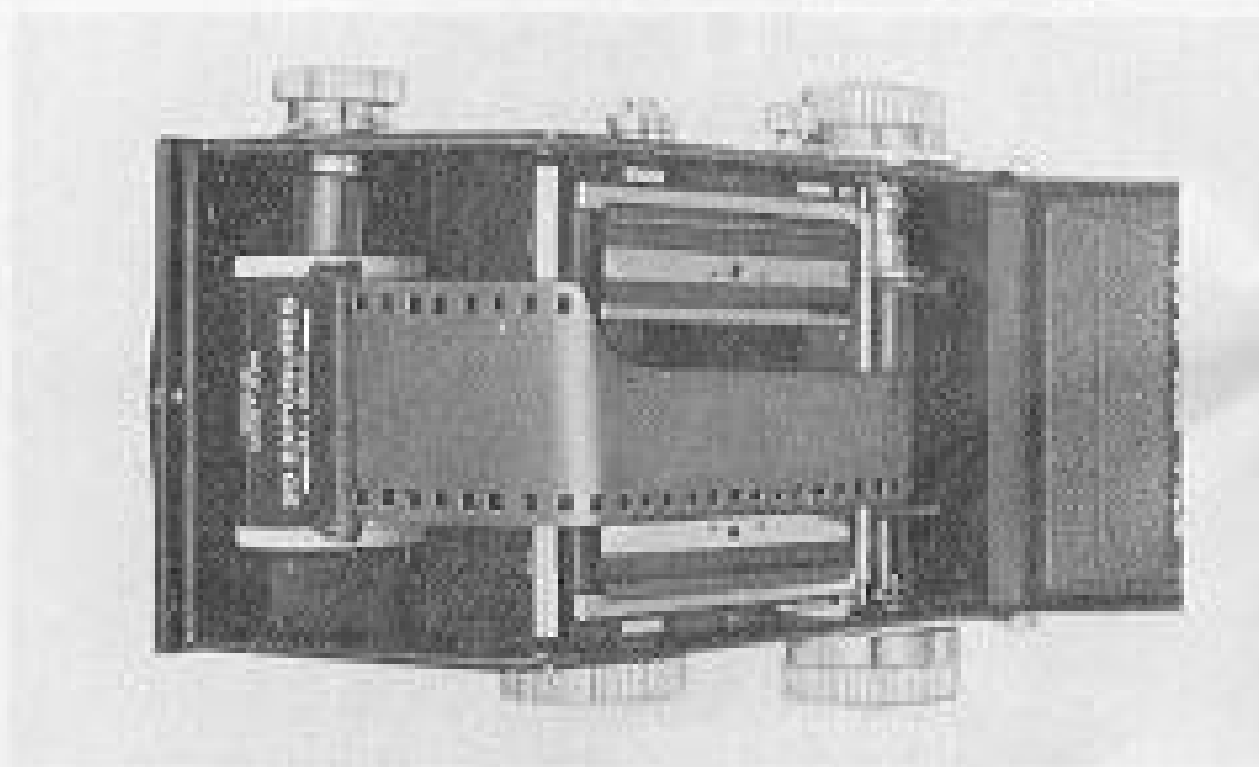
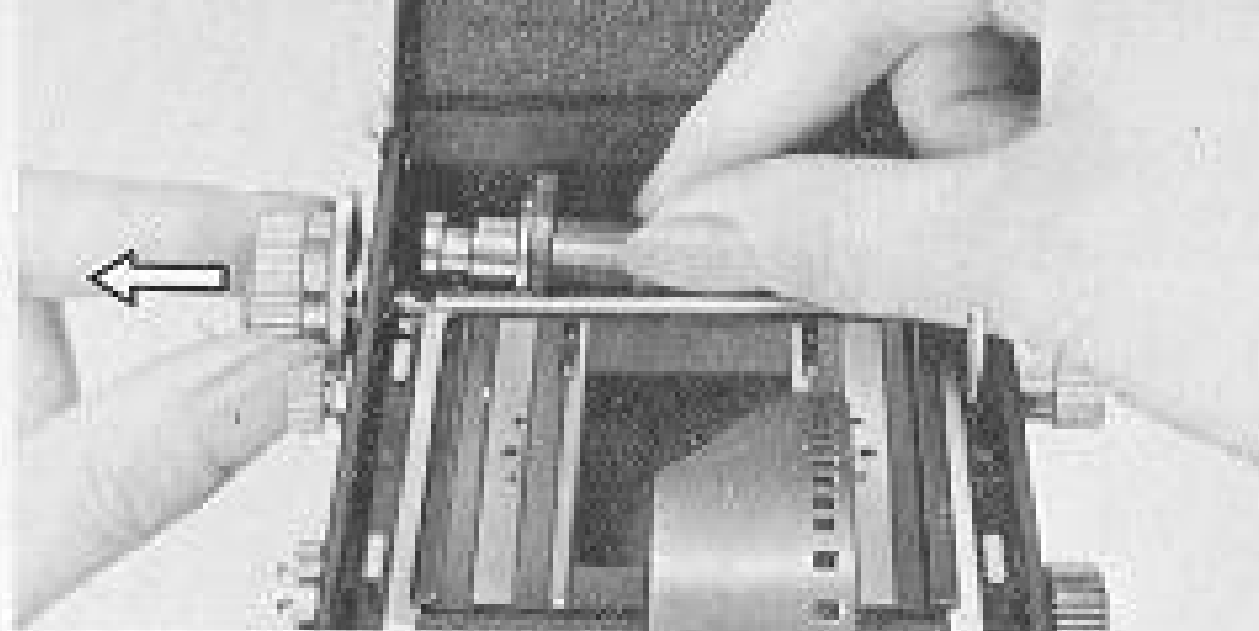
Dimension : 64.5mm (2.6 in.) dia × 49mm (1.9 in.) length

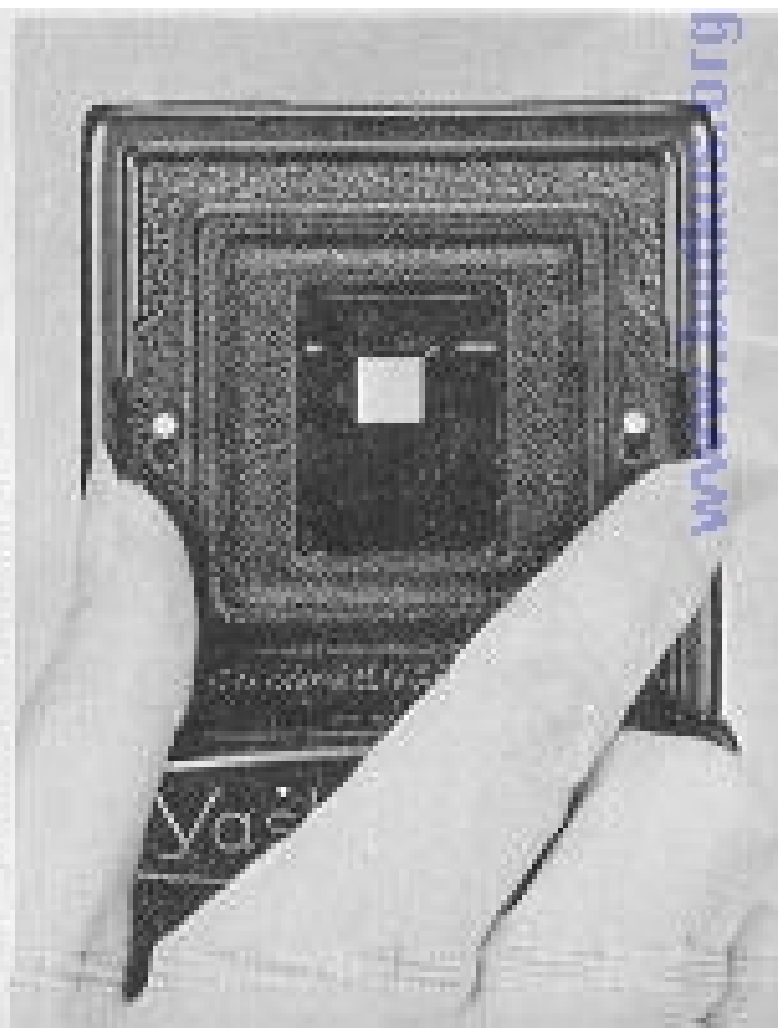
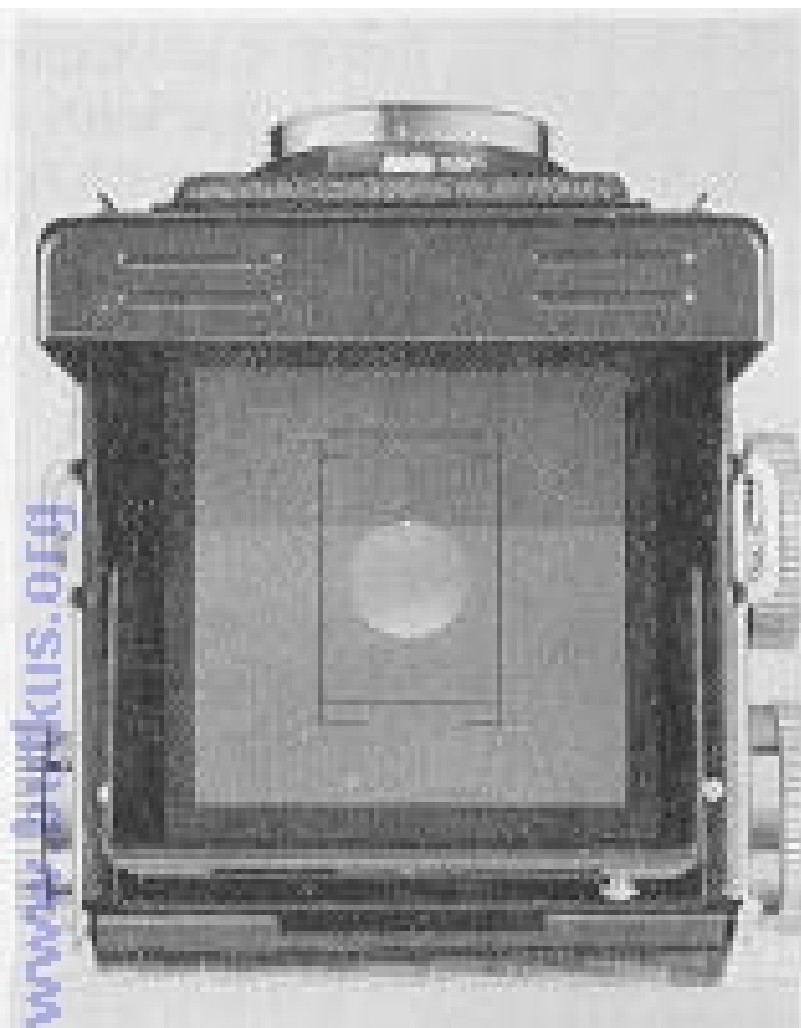
Weight : 280g (9.8oz.)

Lens Coating : Multi-Layer

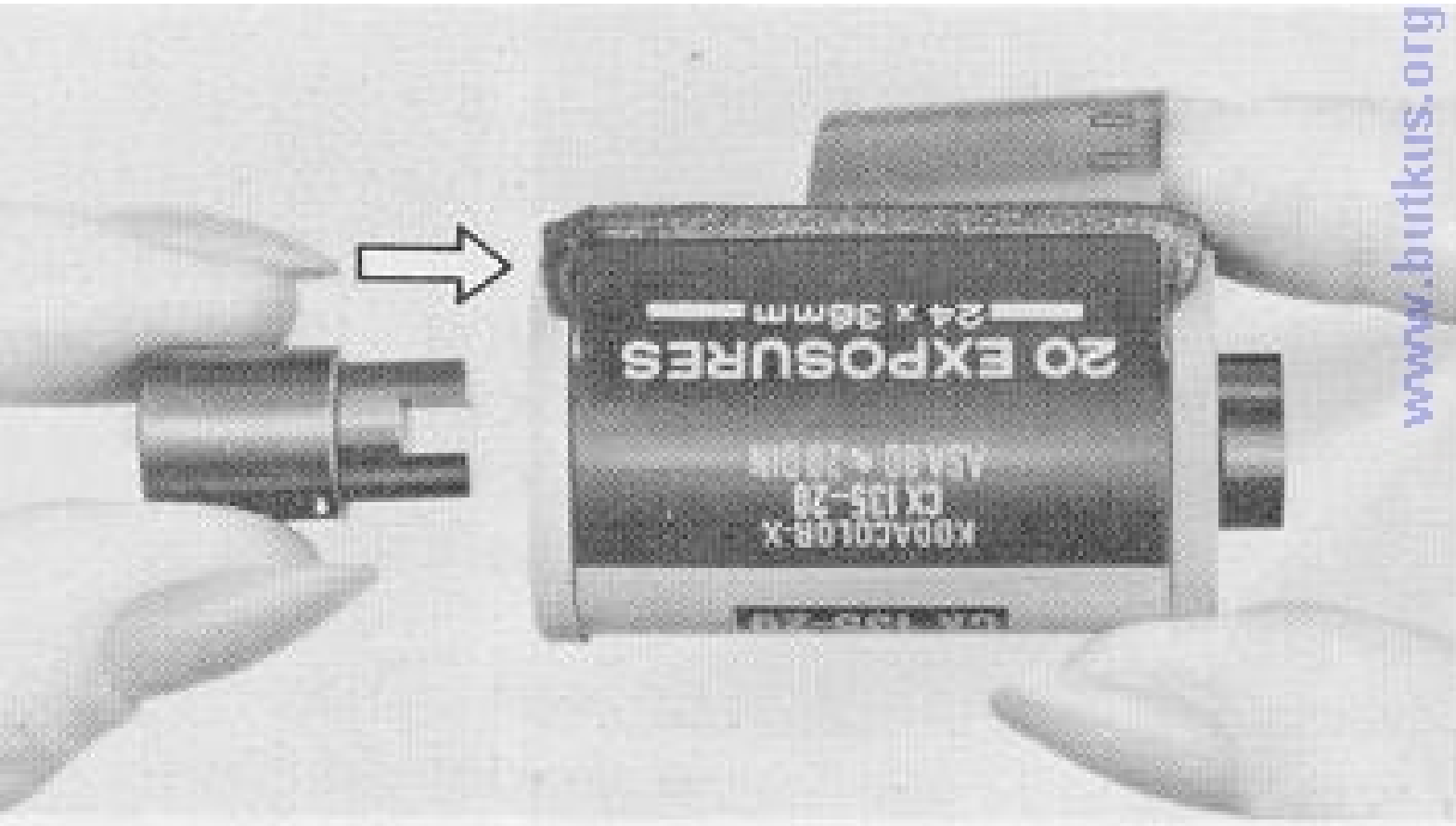
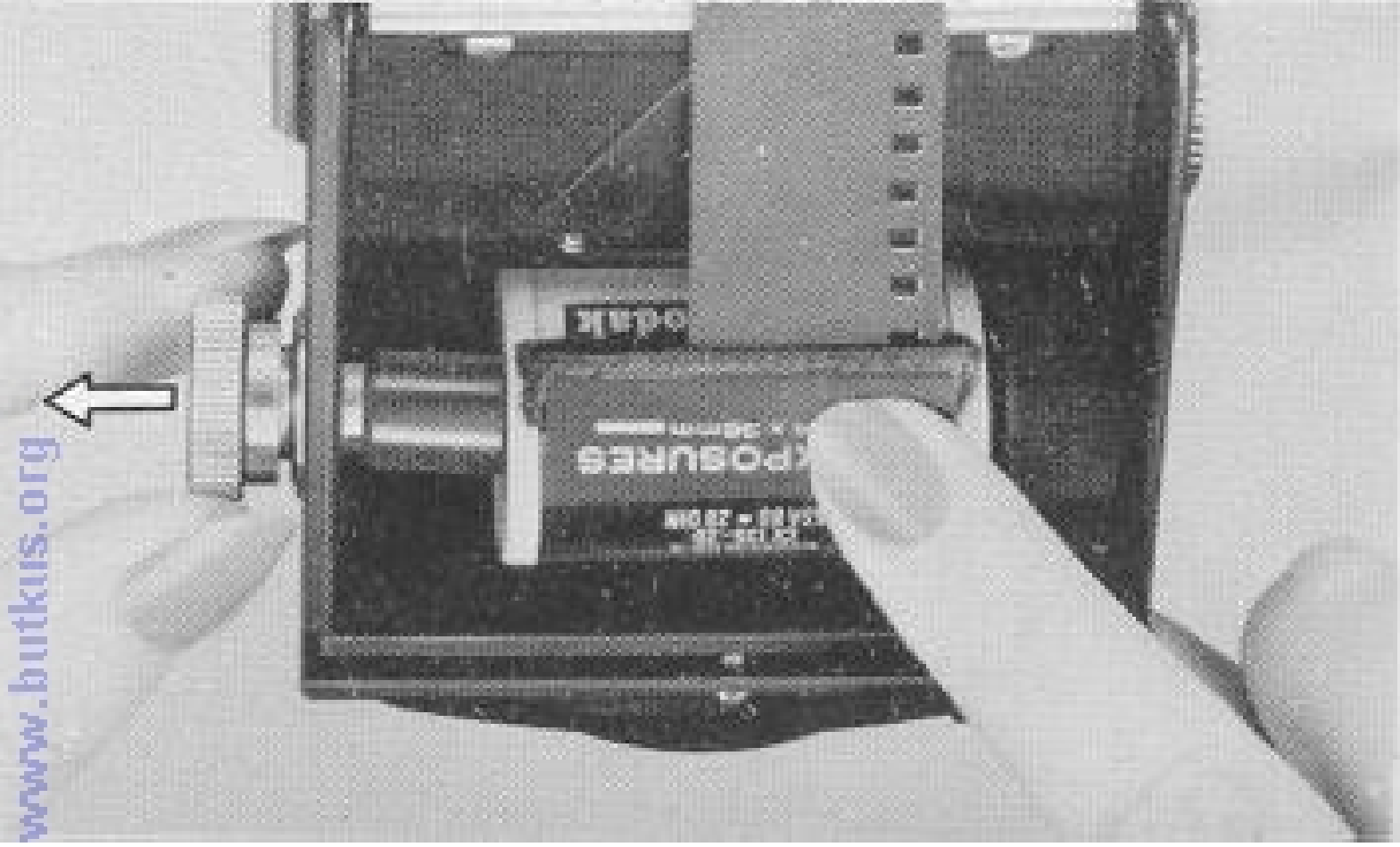
Hood : Screw-on type

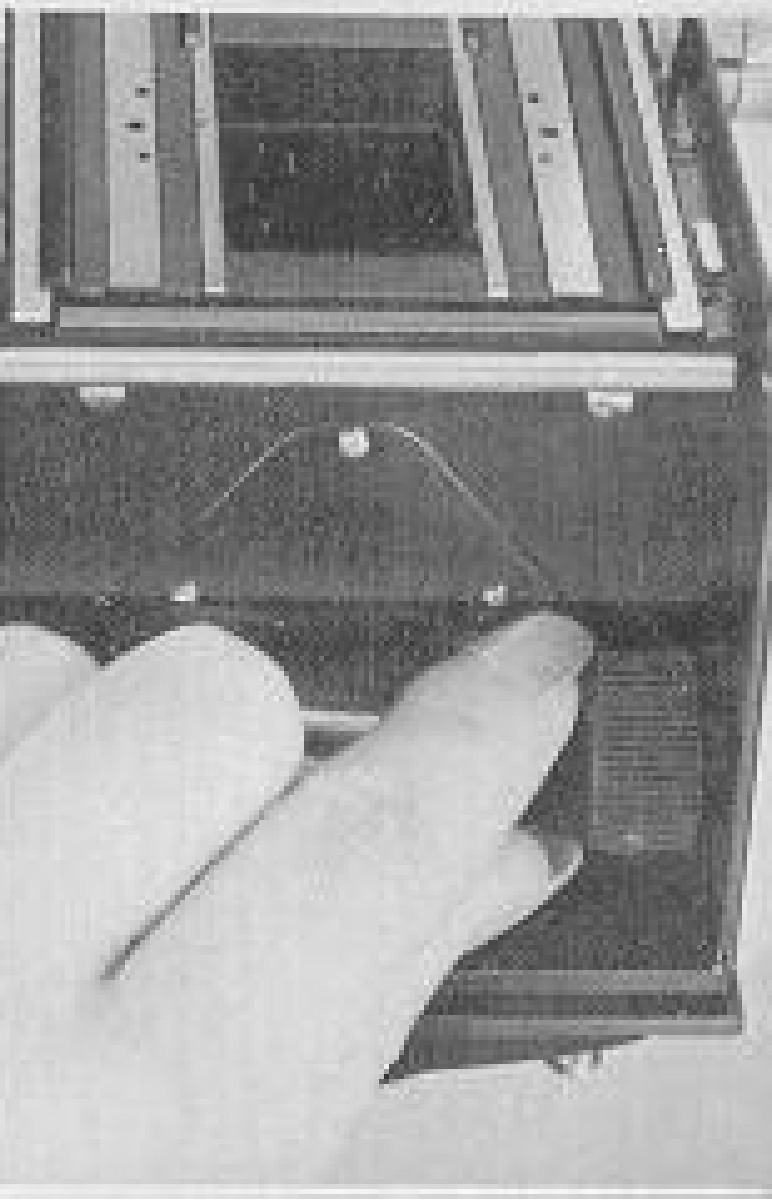
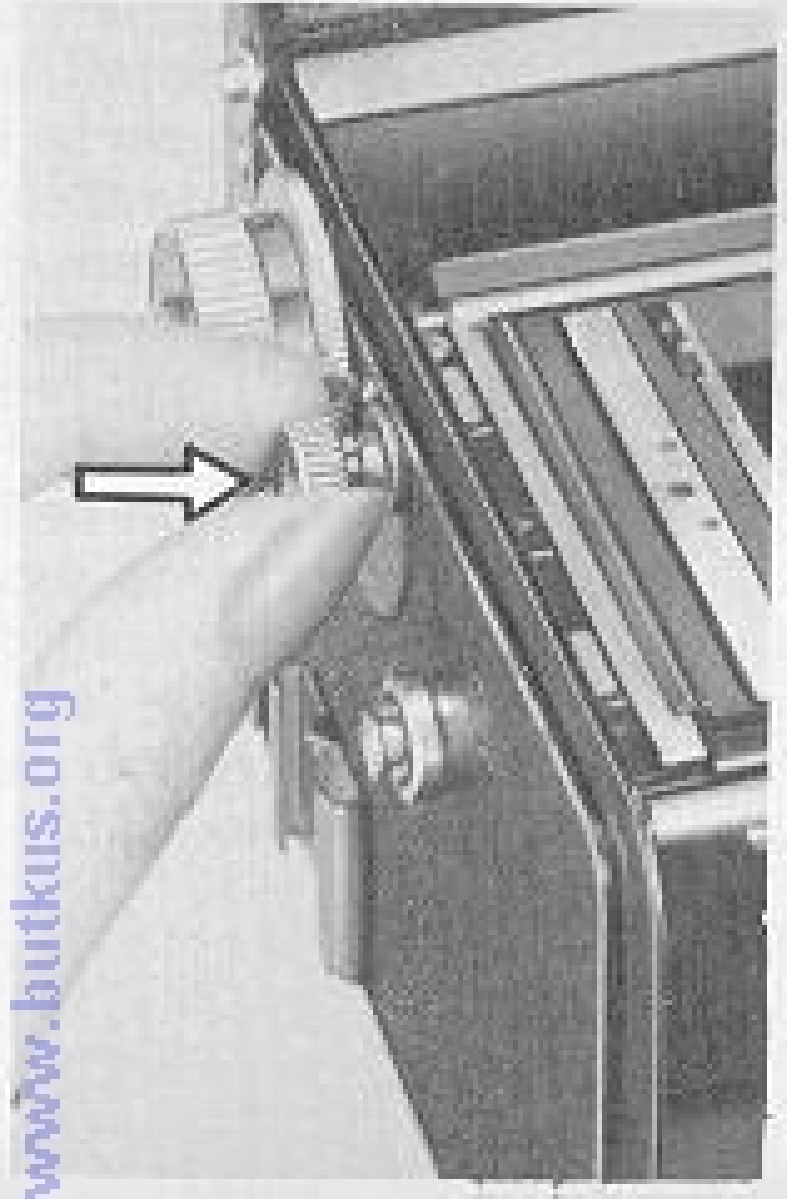
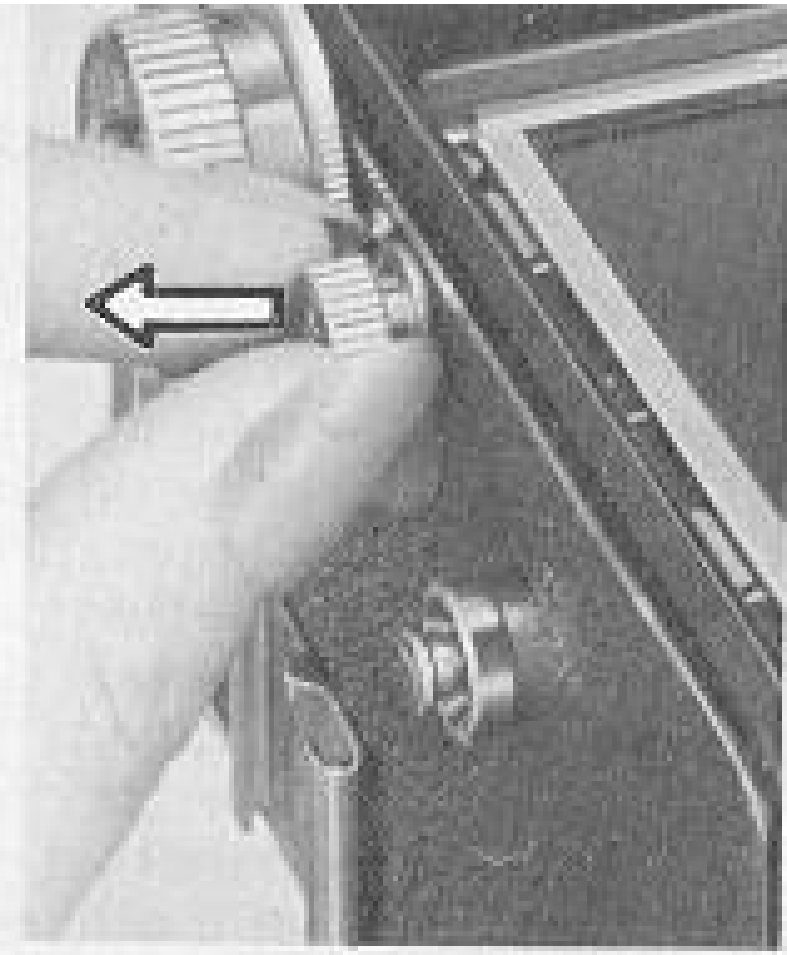




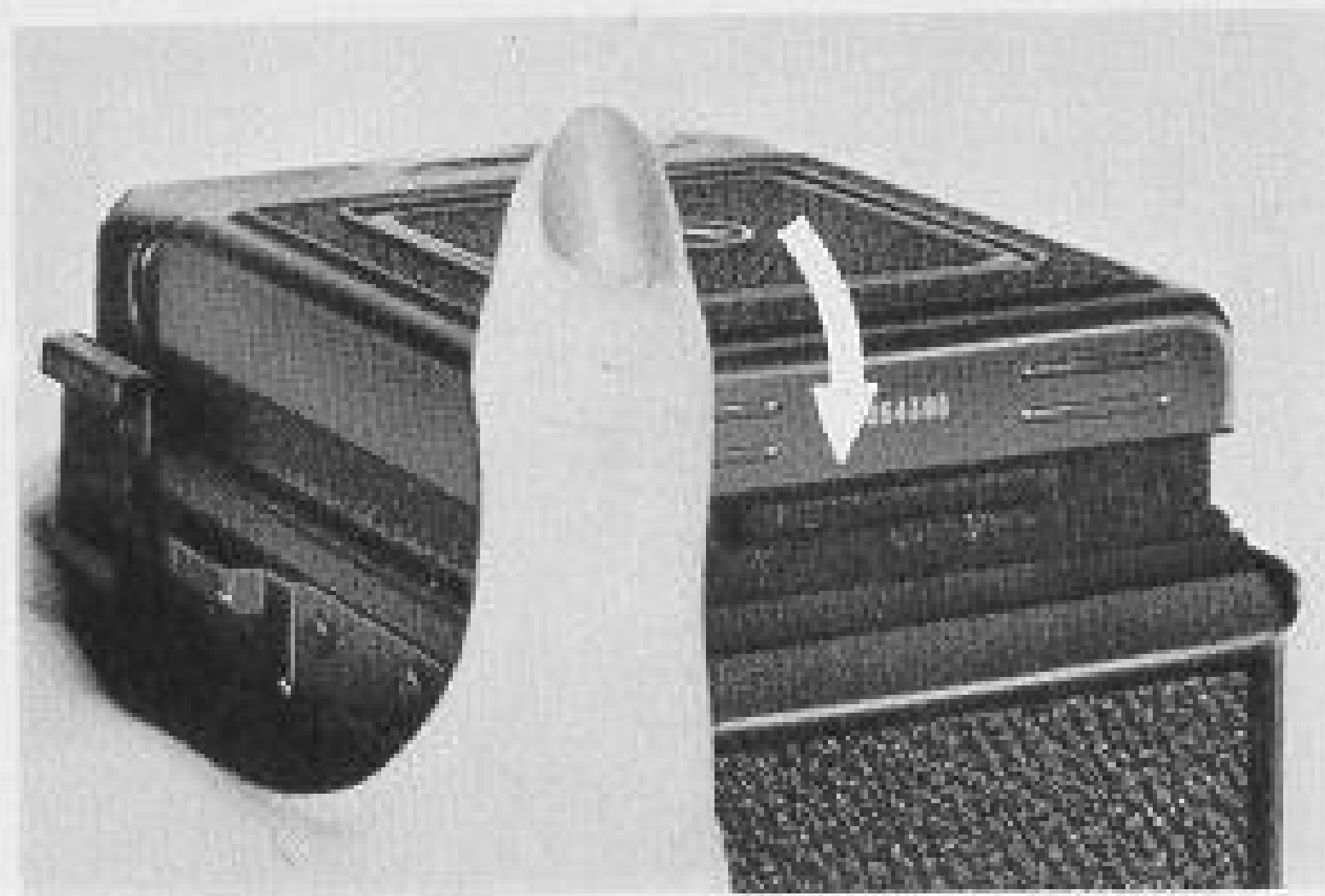
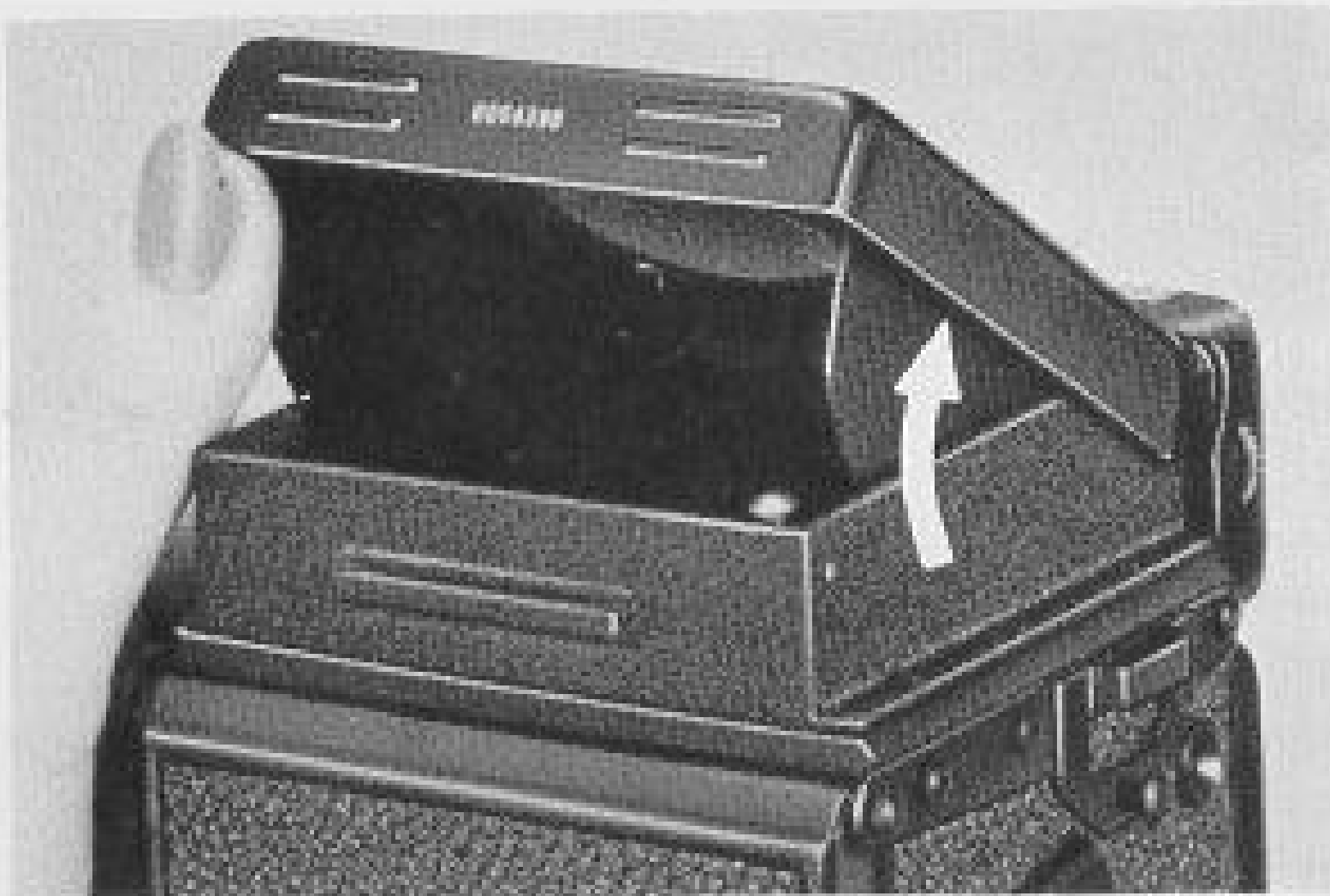


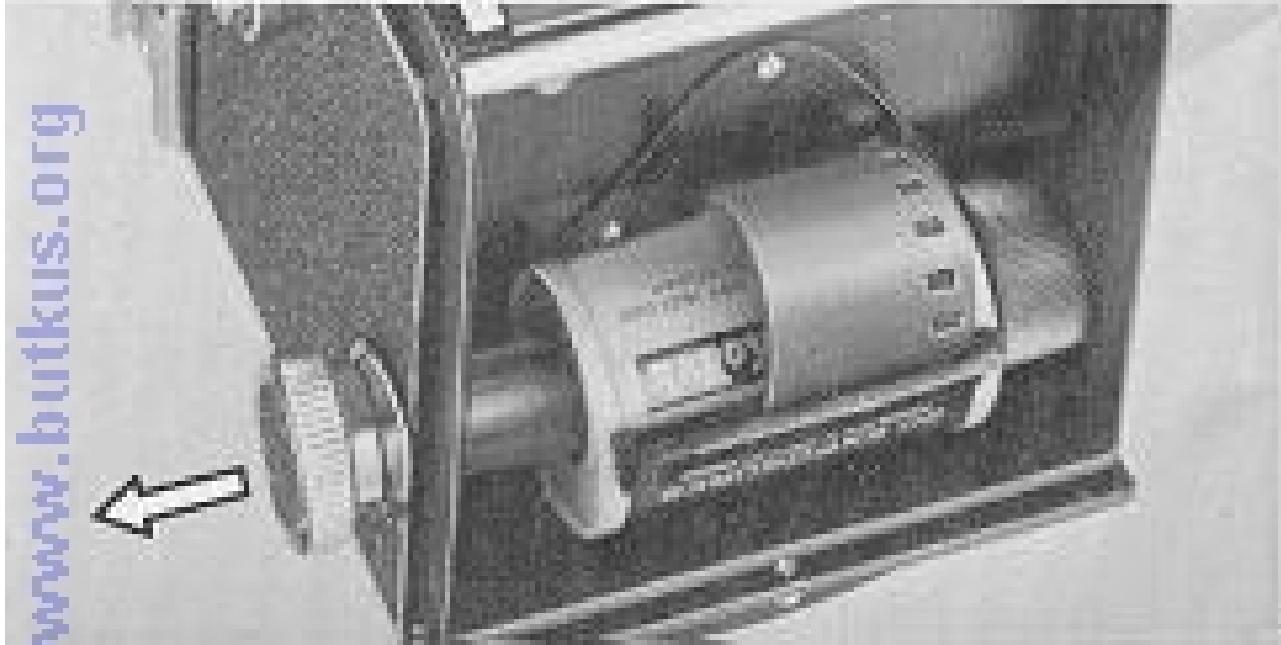
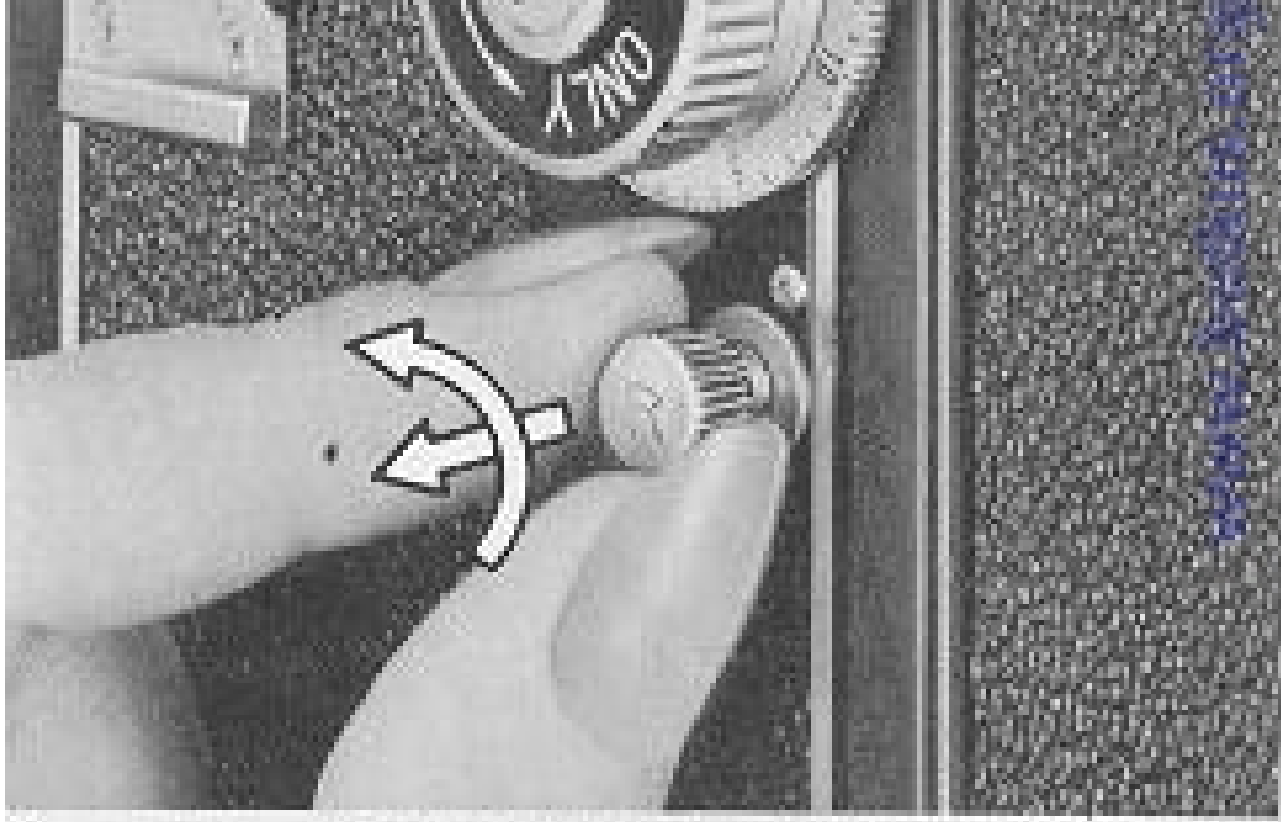






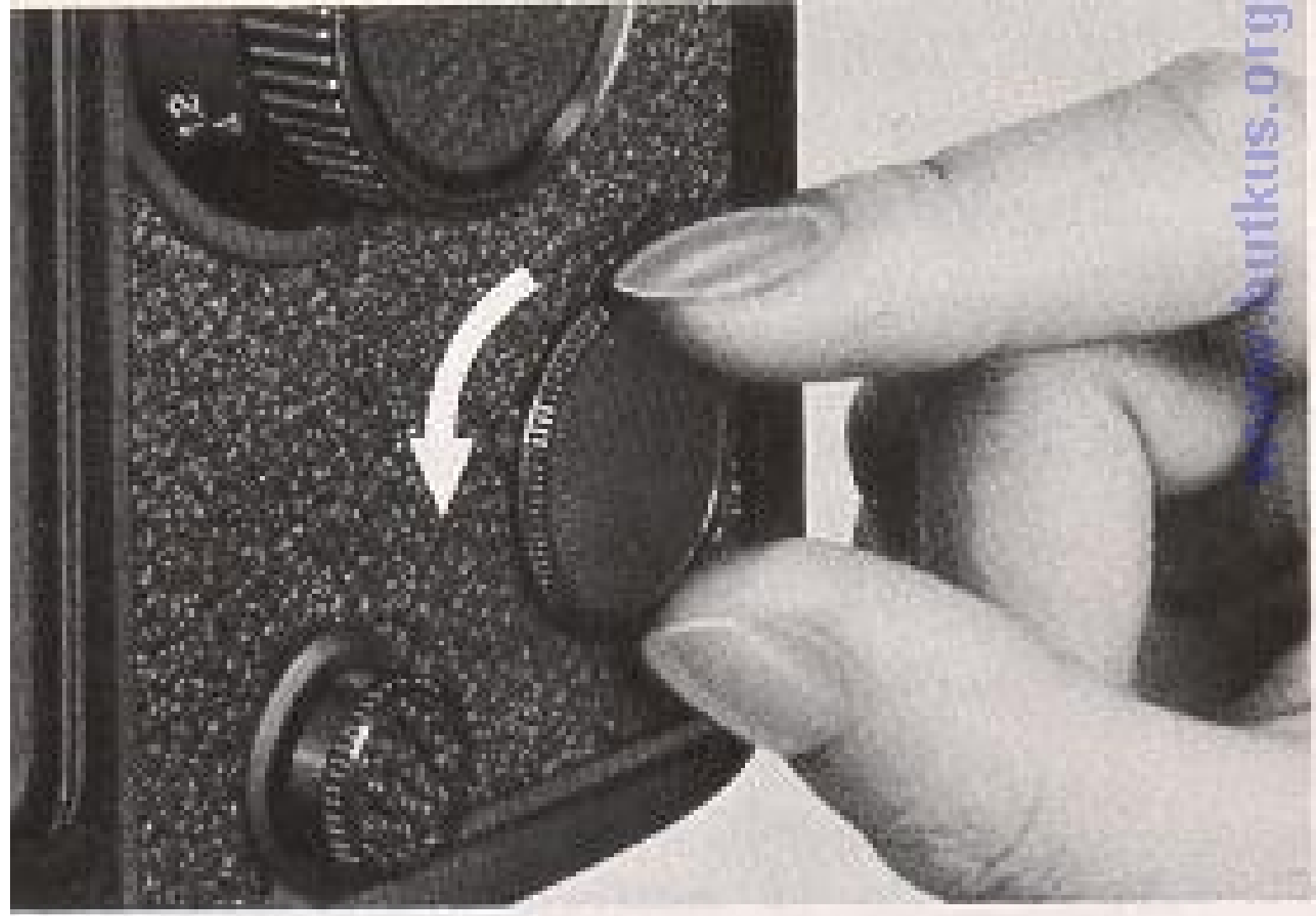


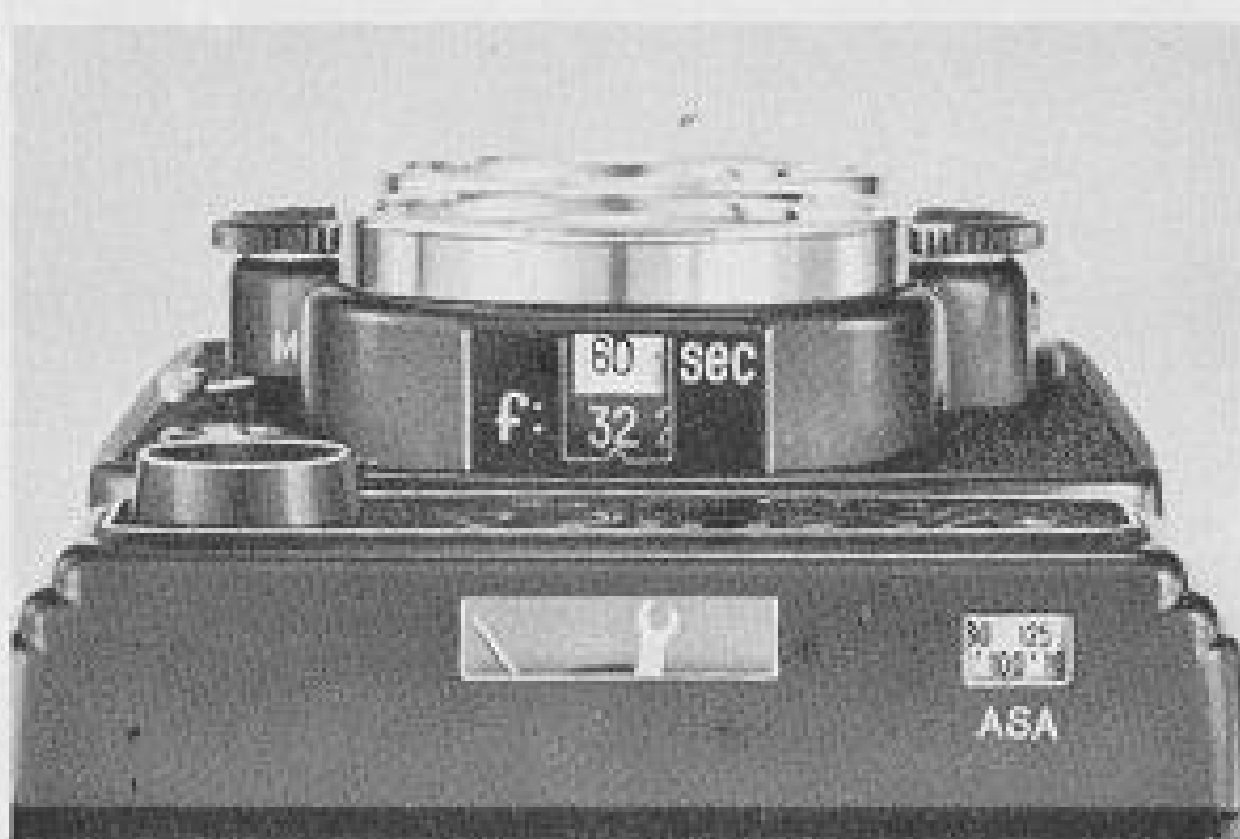
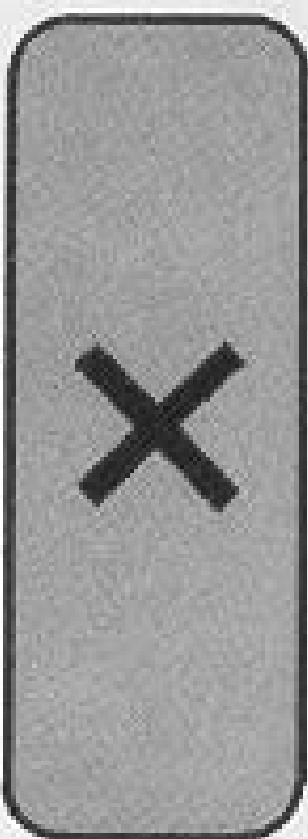
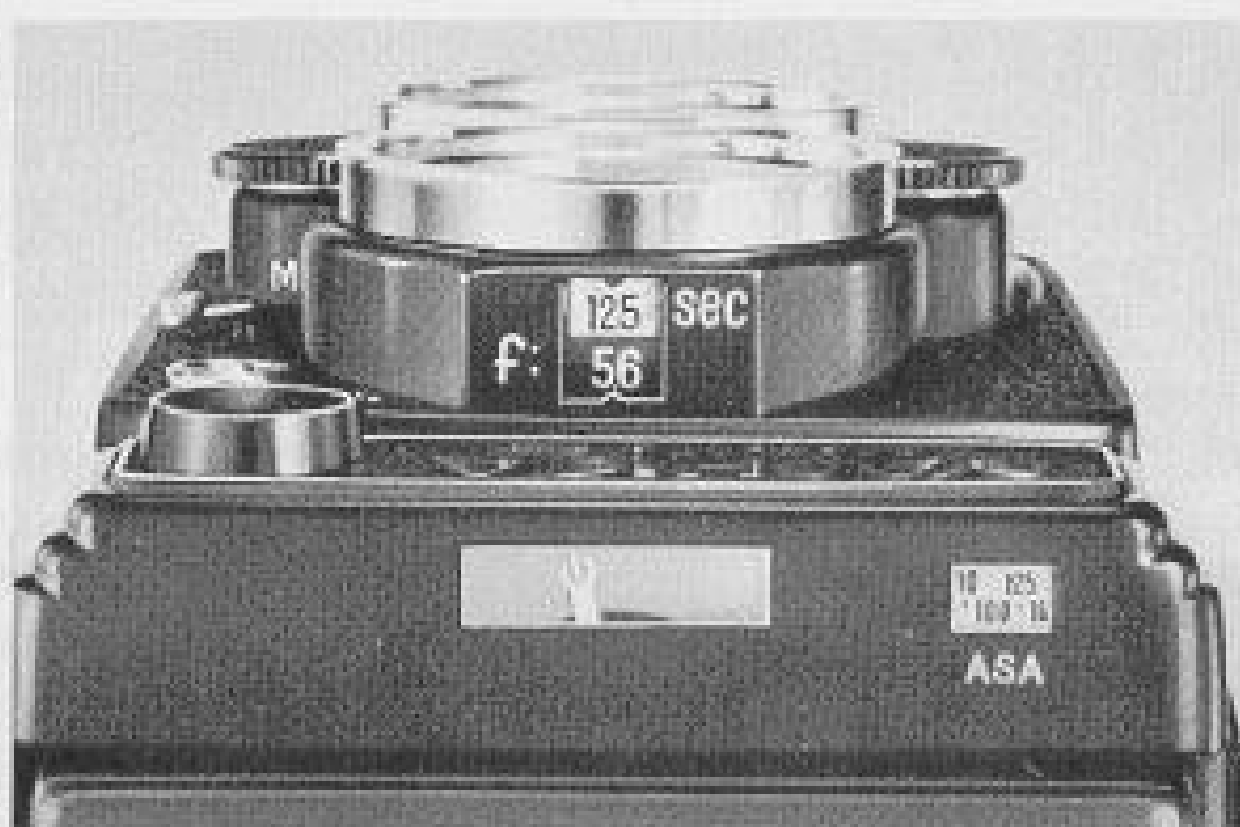
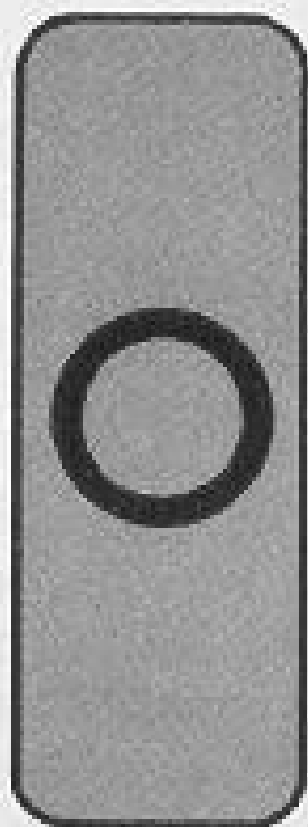




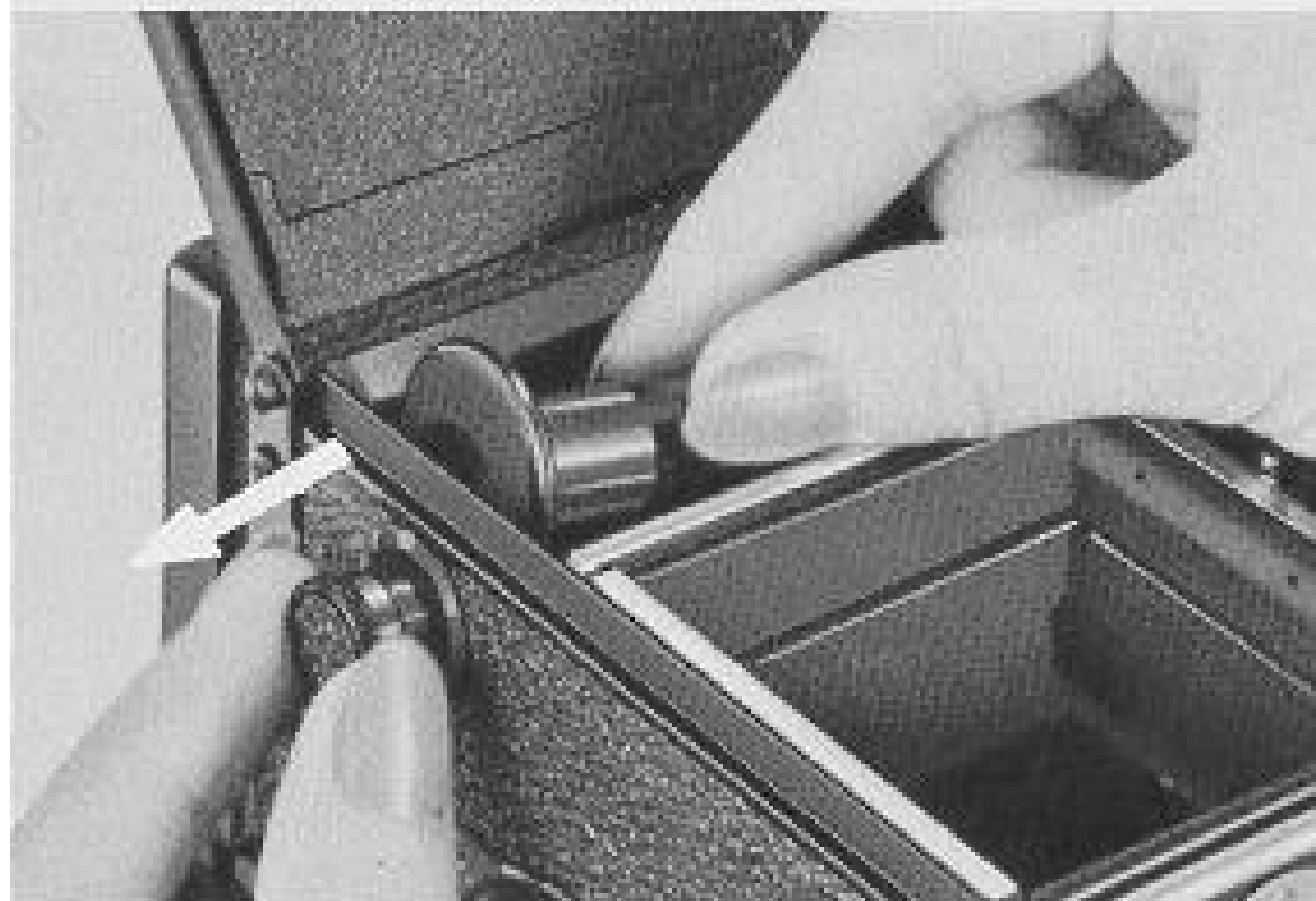
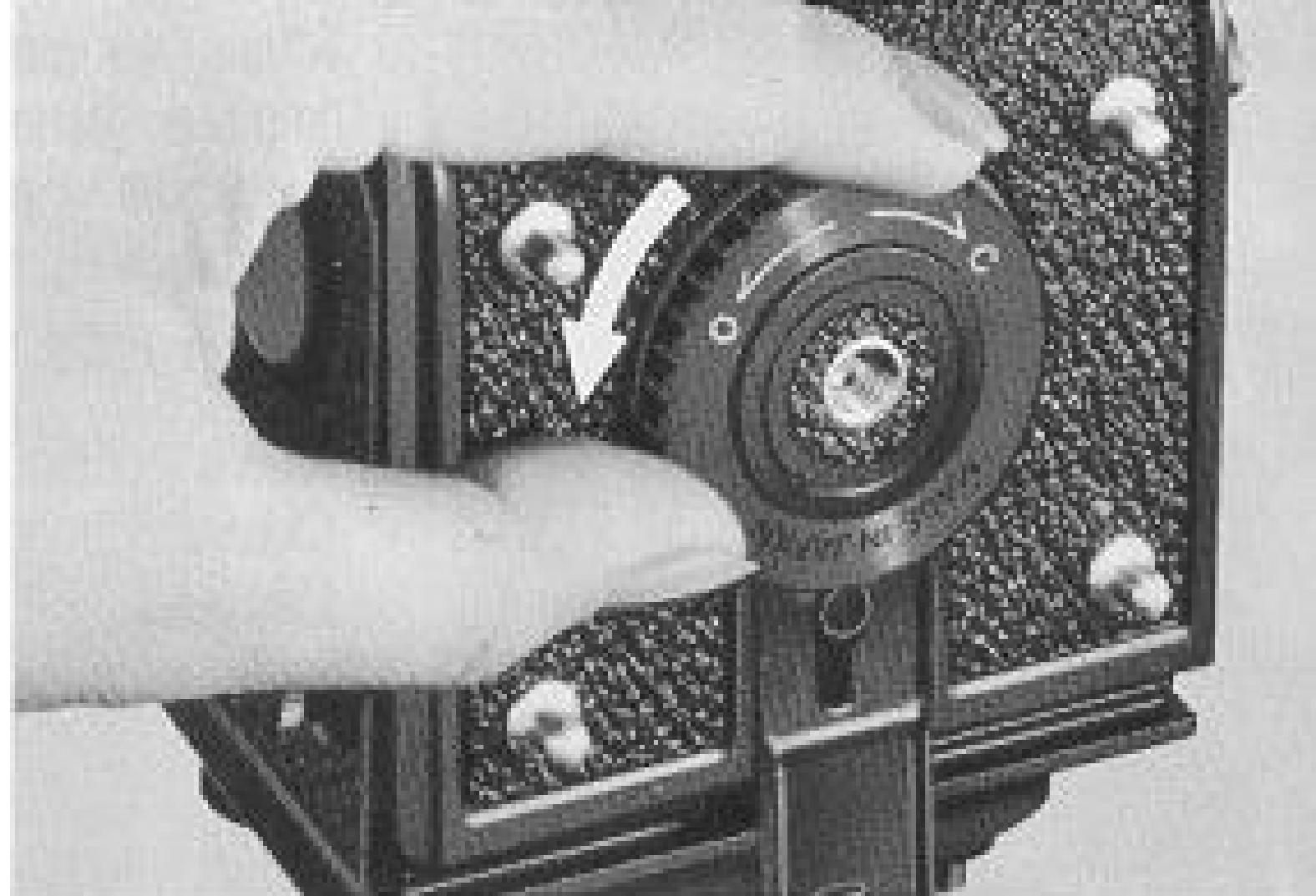
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ASA	¹² 10	²⁰ · 15	³² · 25	⁵⁰ · 40	⁸⁰ · 64	¹²⁰ · 100	¹⁶⁰ ·	²⁵⁰ · 200	³²⁰ ·	⁵⁰⁰ · 400	⁶⁴⁰ · 800
DIN	₁₂ 11	₁₄ · 13	₁₆ · 15	₁₈ · 17	₂₀ · 19	₂₂ · 21	₂₃ ·	₂₅ · 24	₂₆ ·	₂₈ · 27	₂₉ · 30



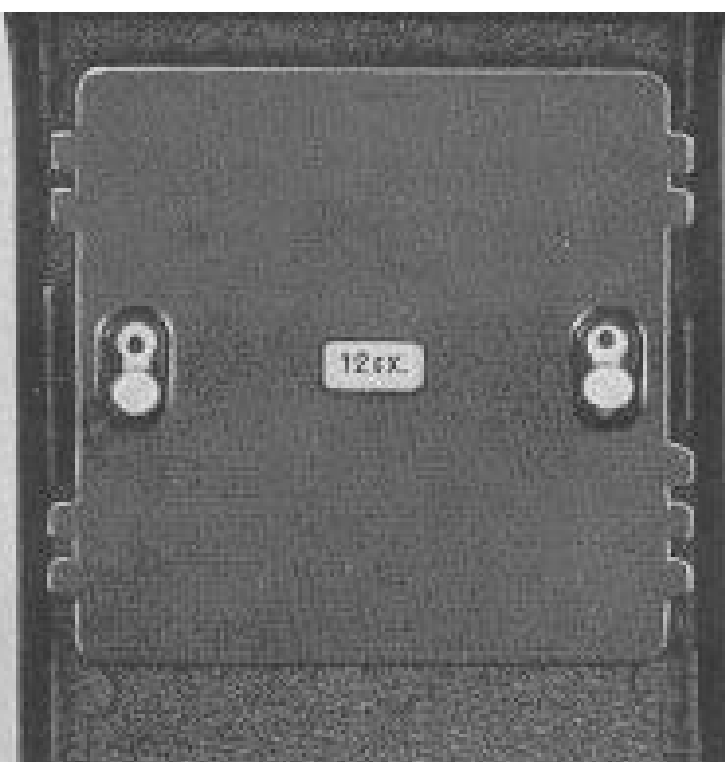




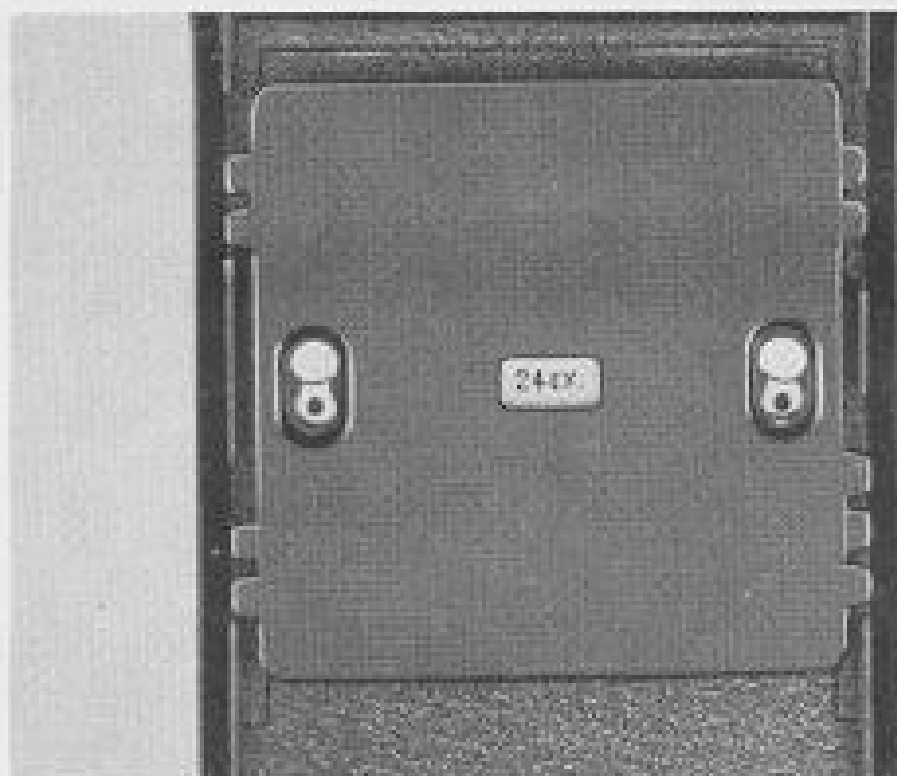




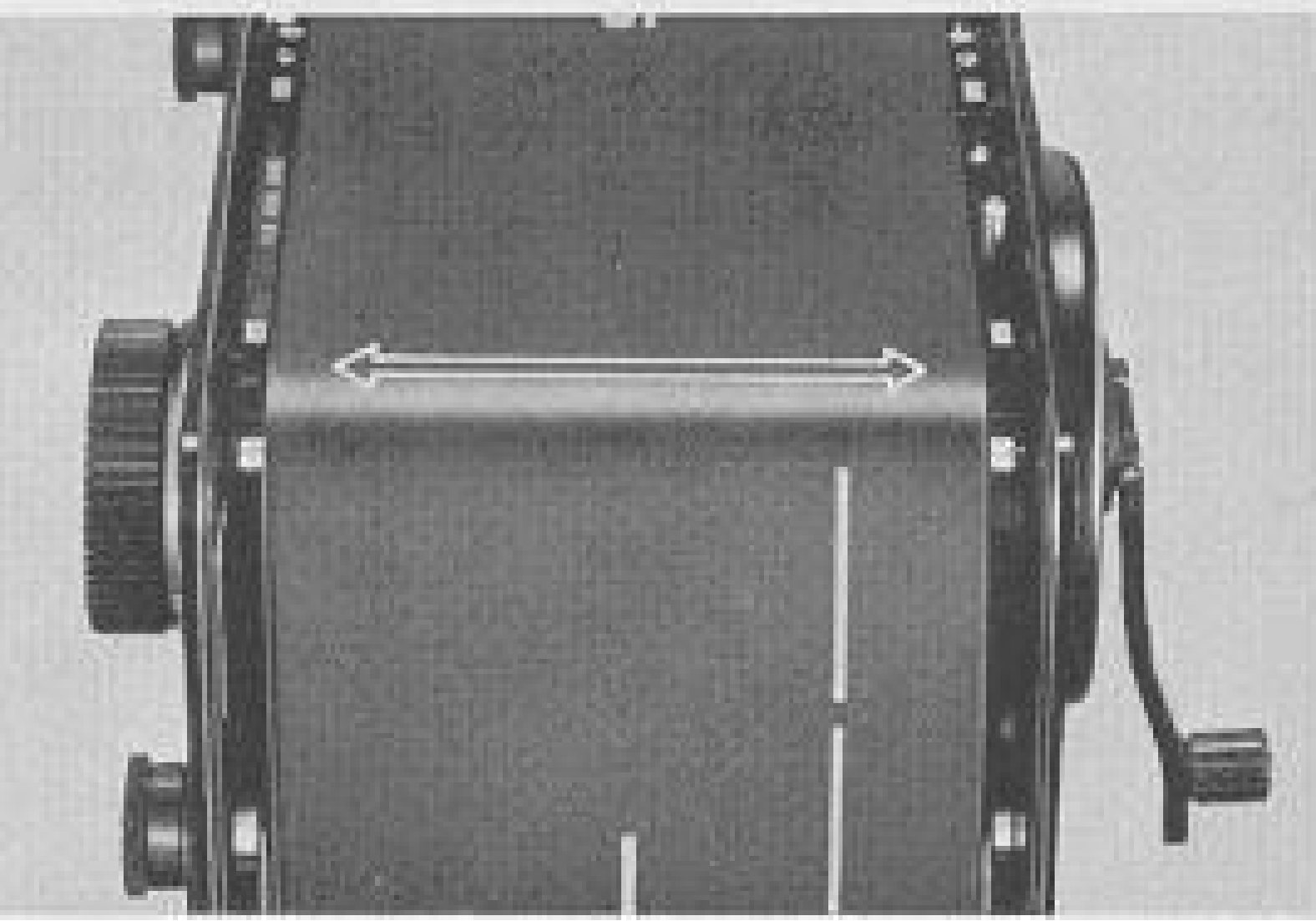
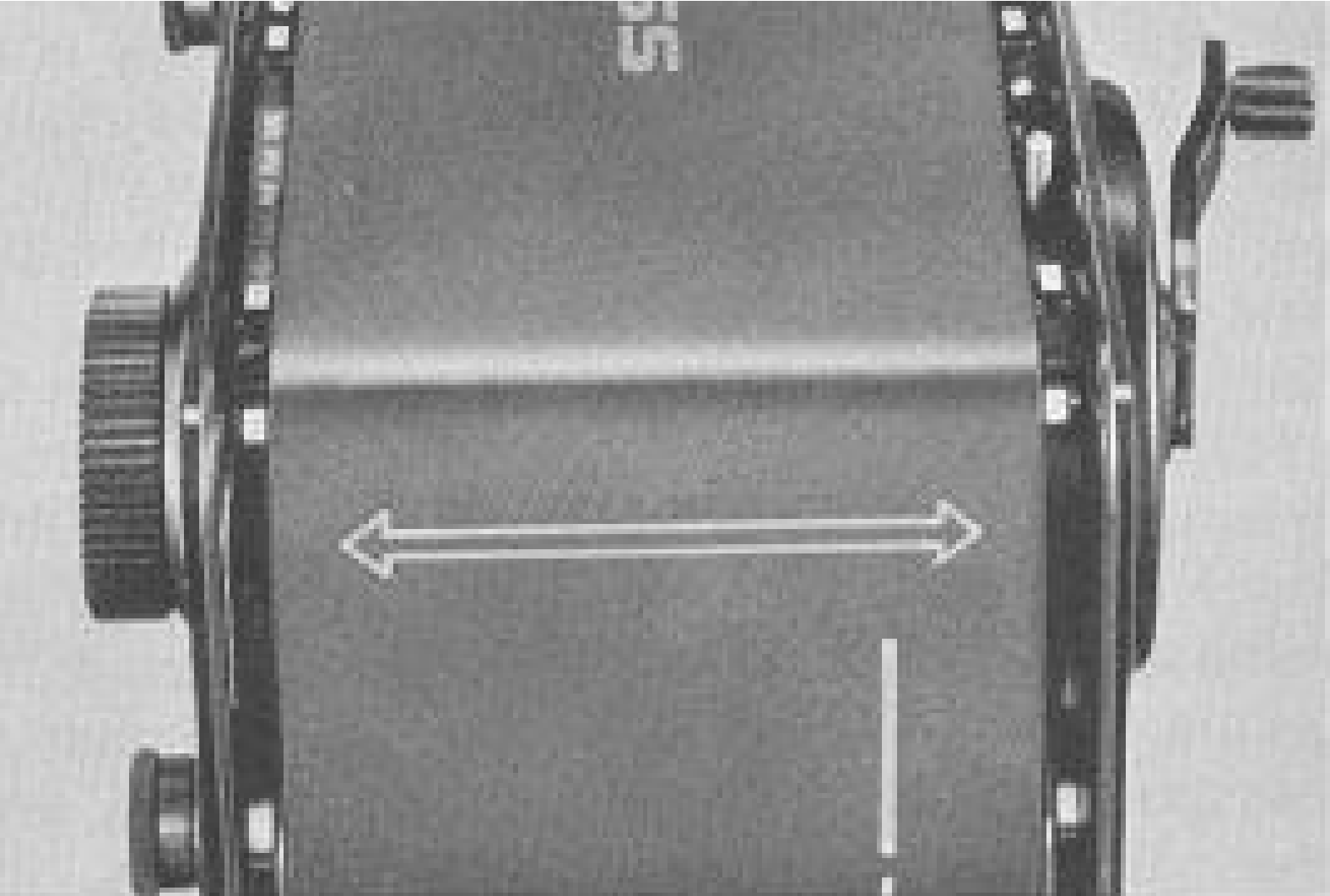
12

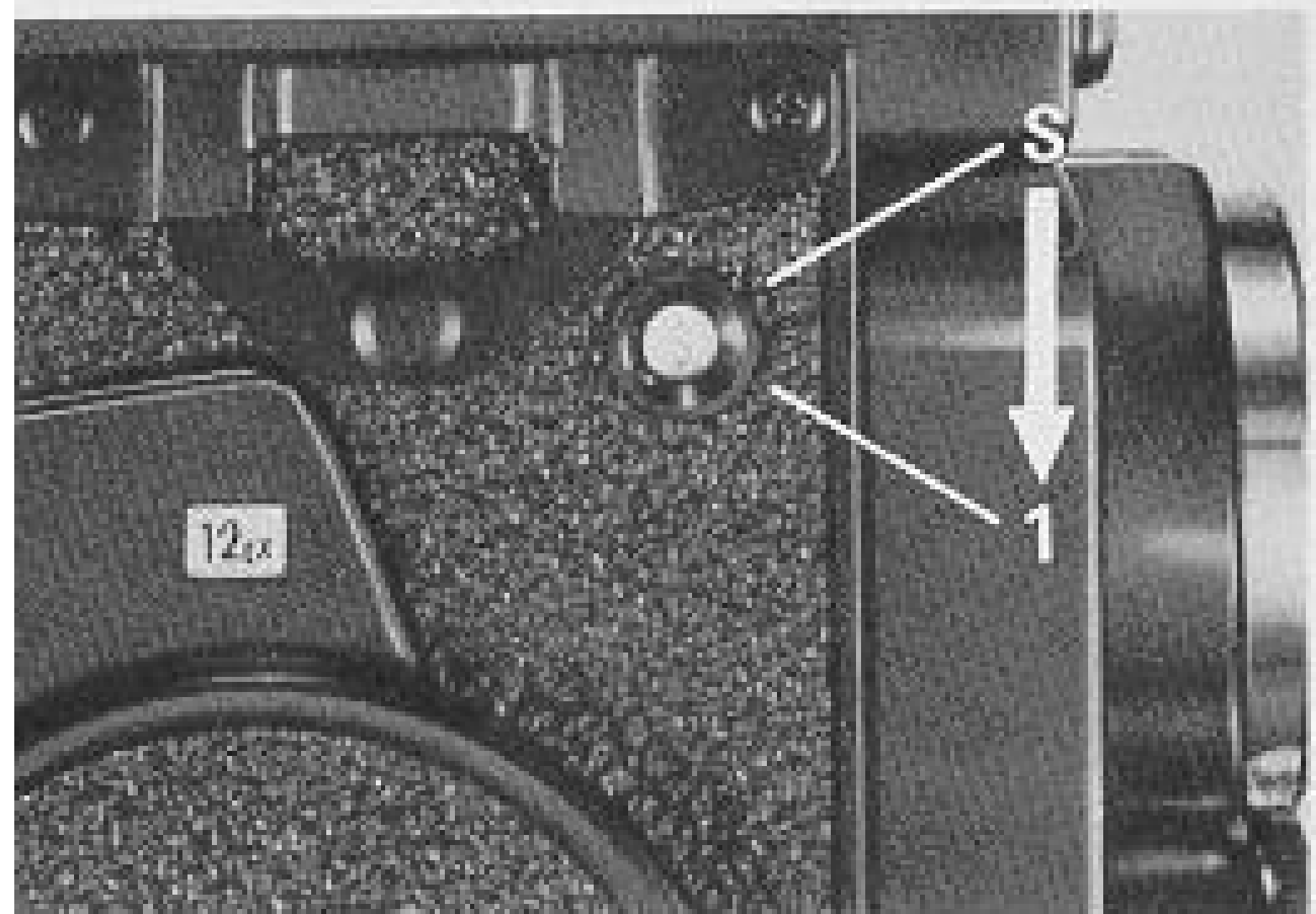
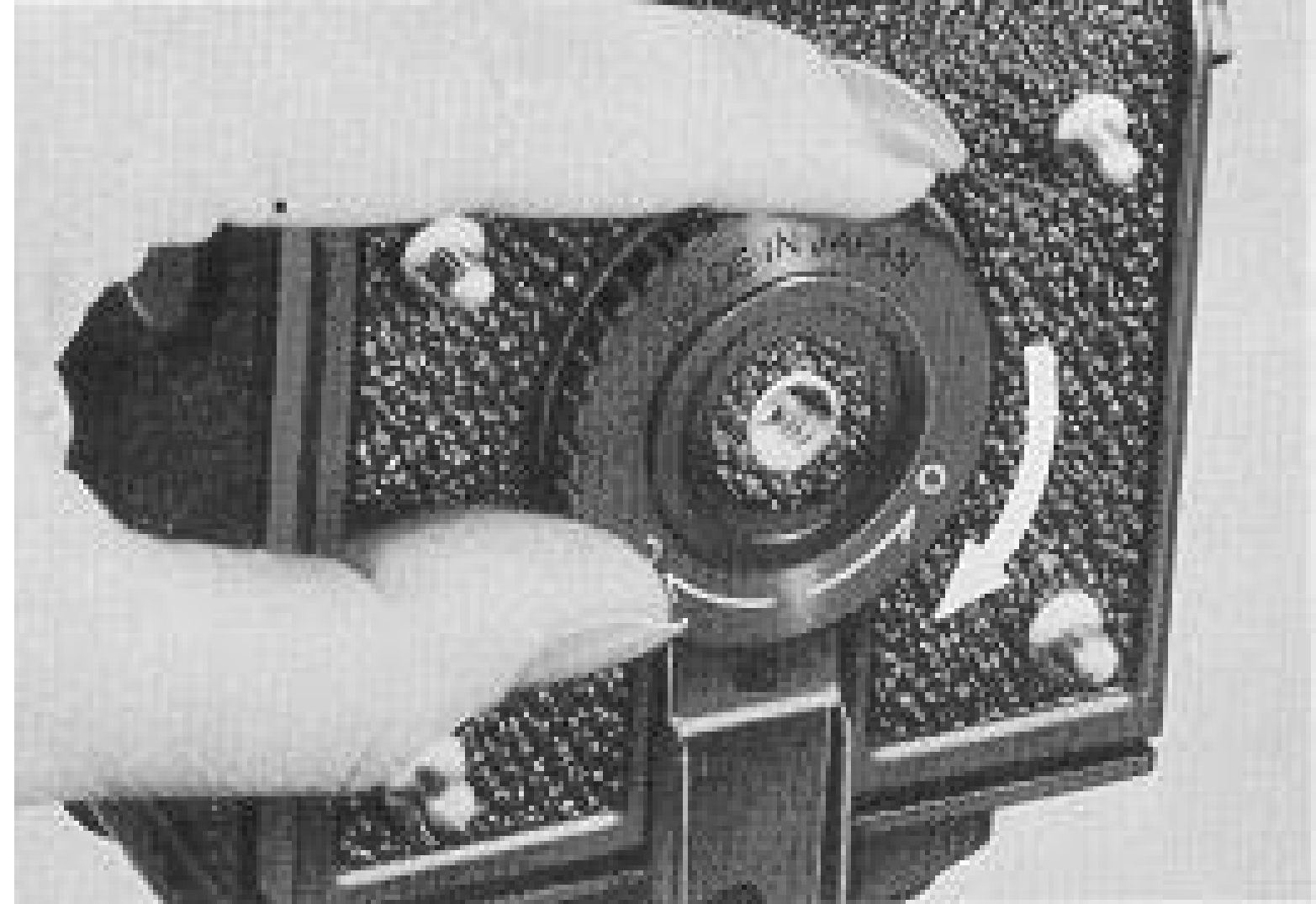


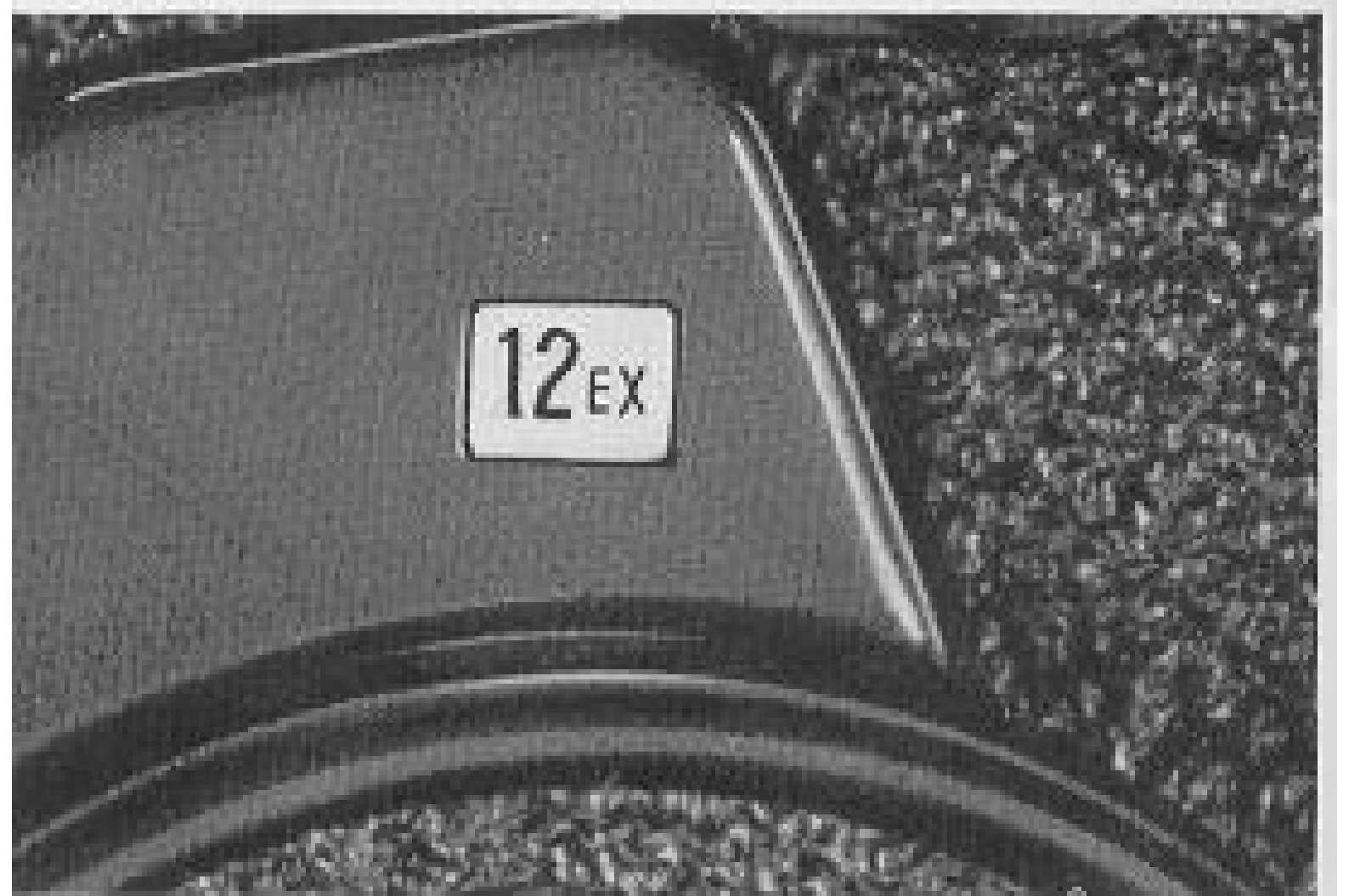
24



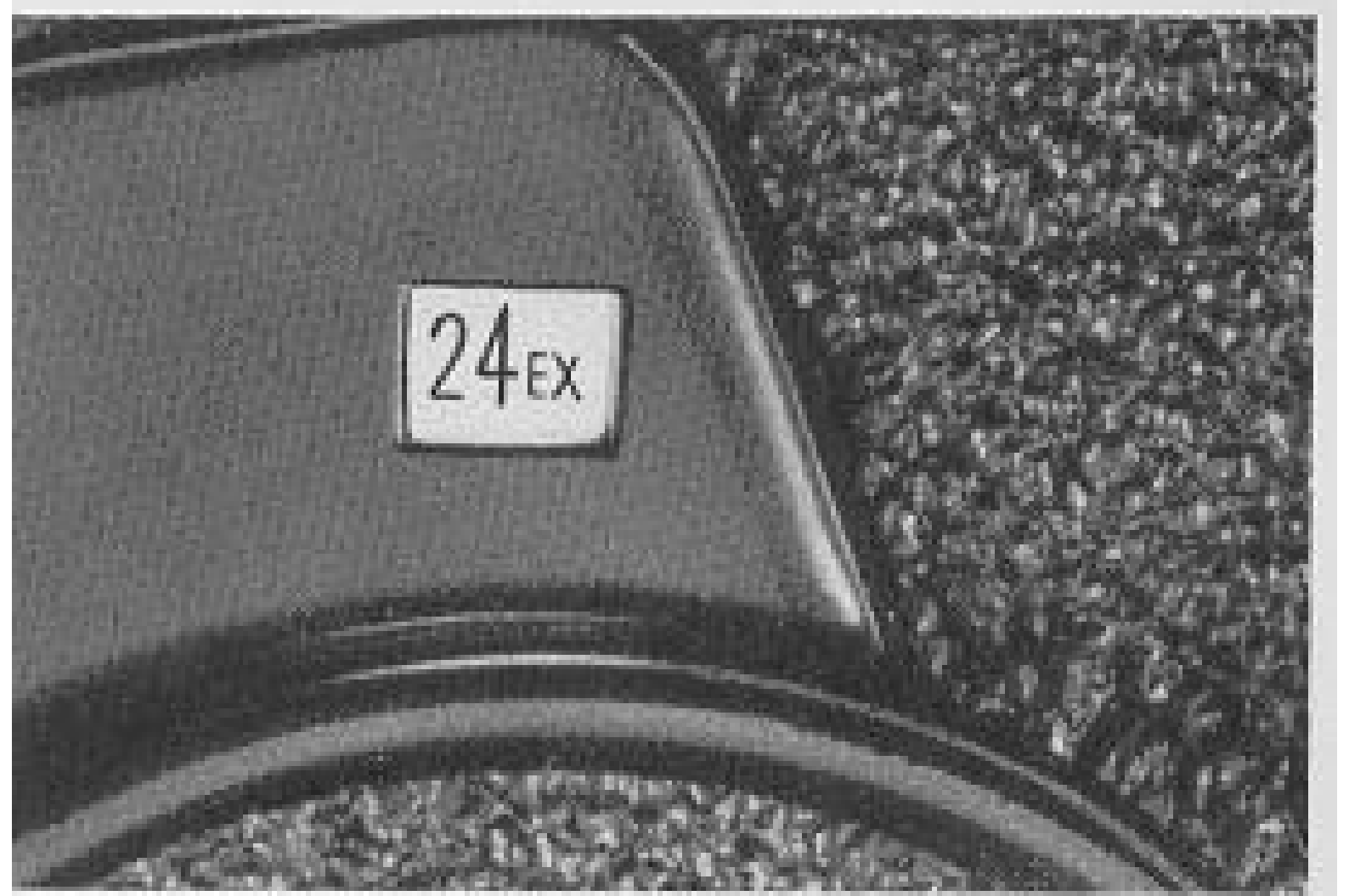




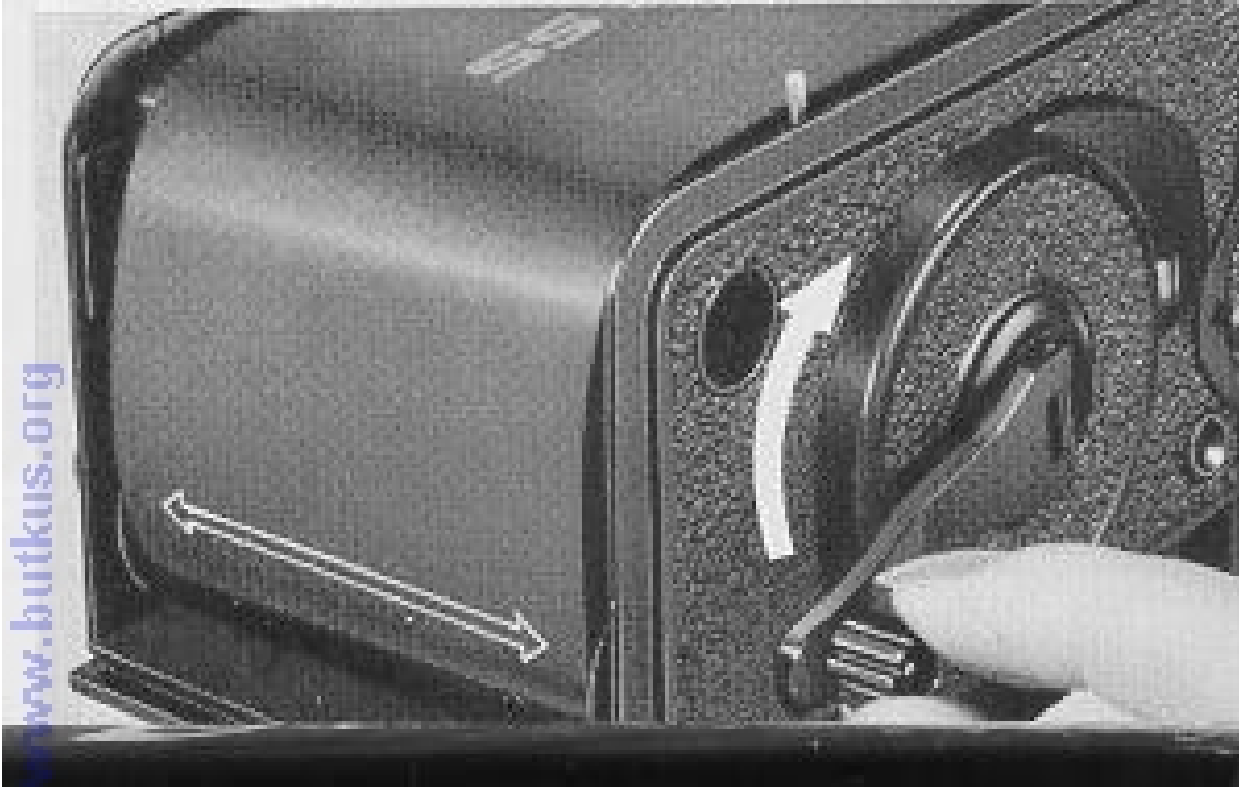
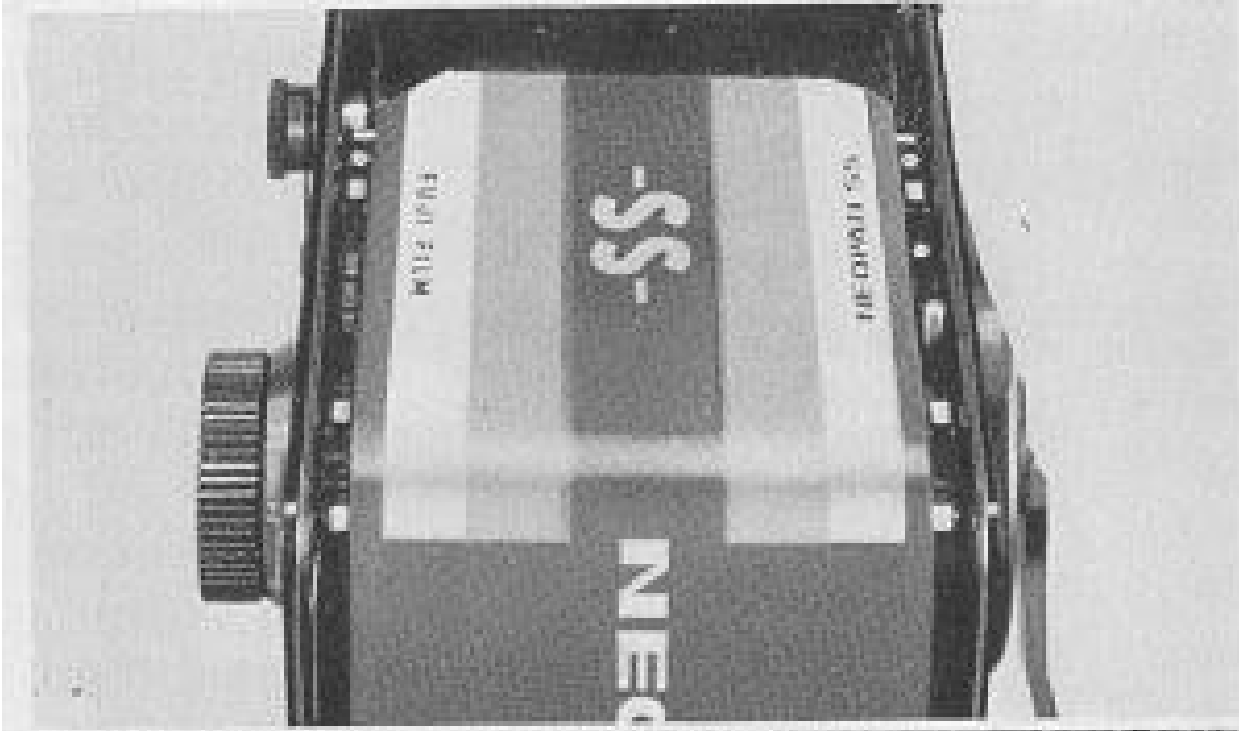
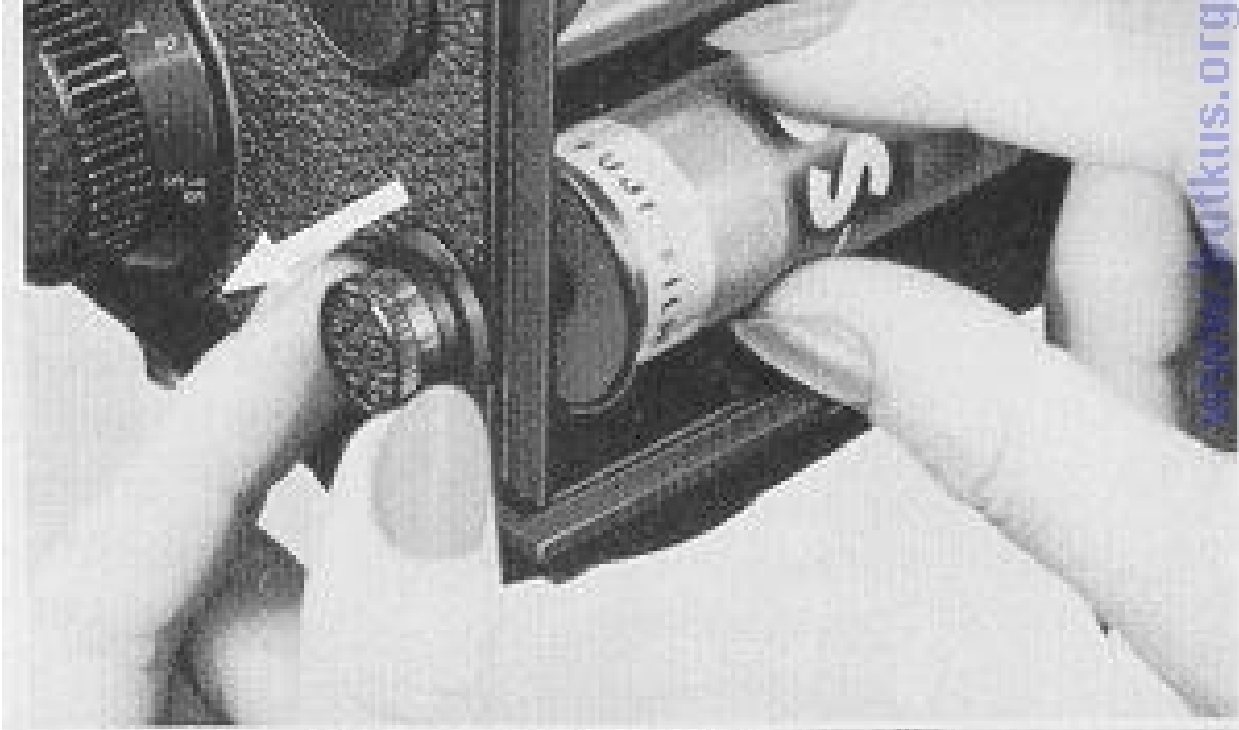


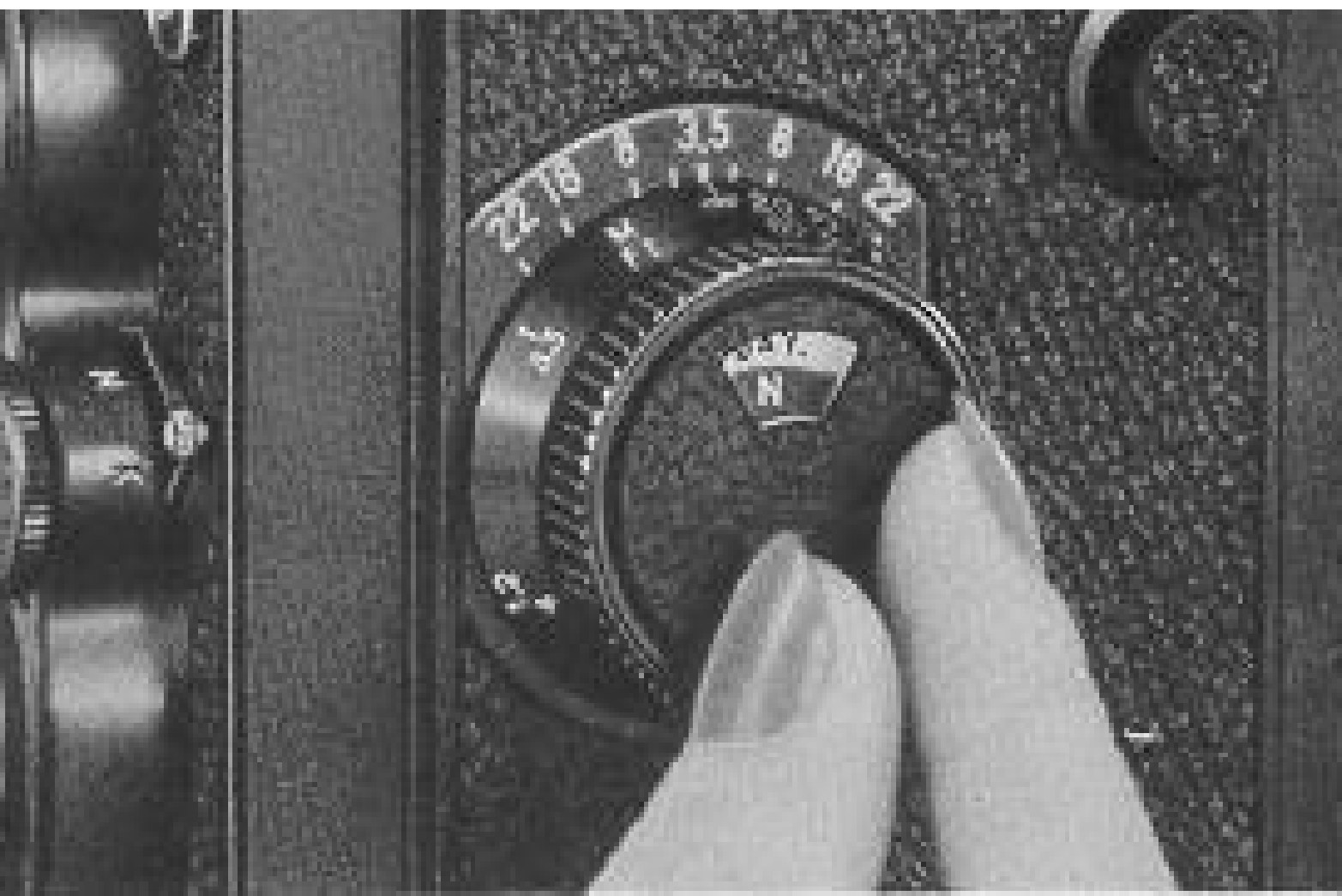


12_{EX}



24_{EX}









... Reversal type color film for daylight



... Negative type color film for daylight



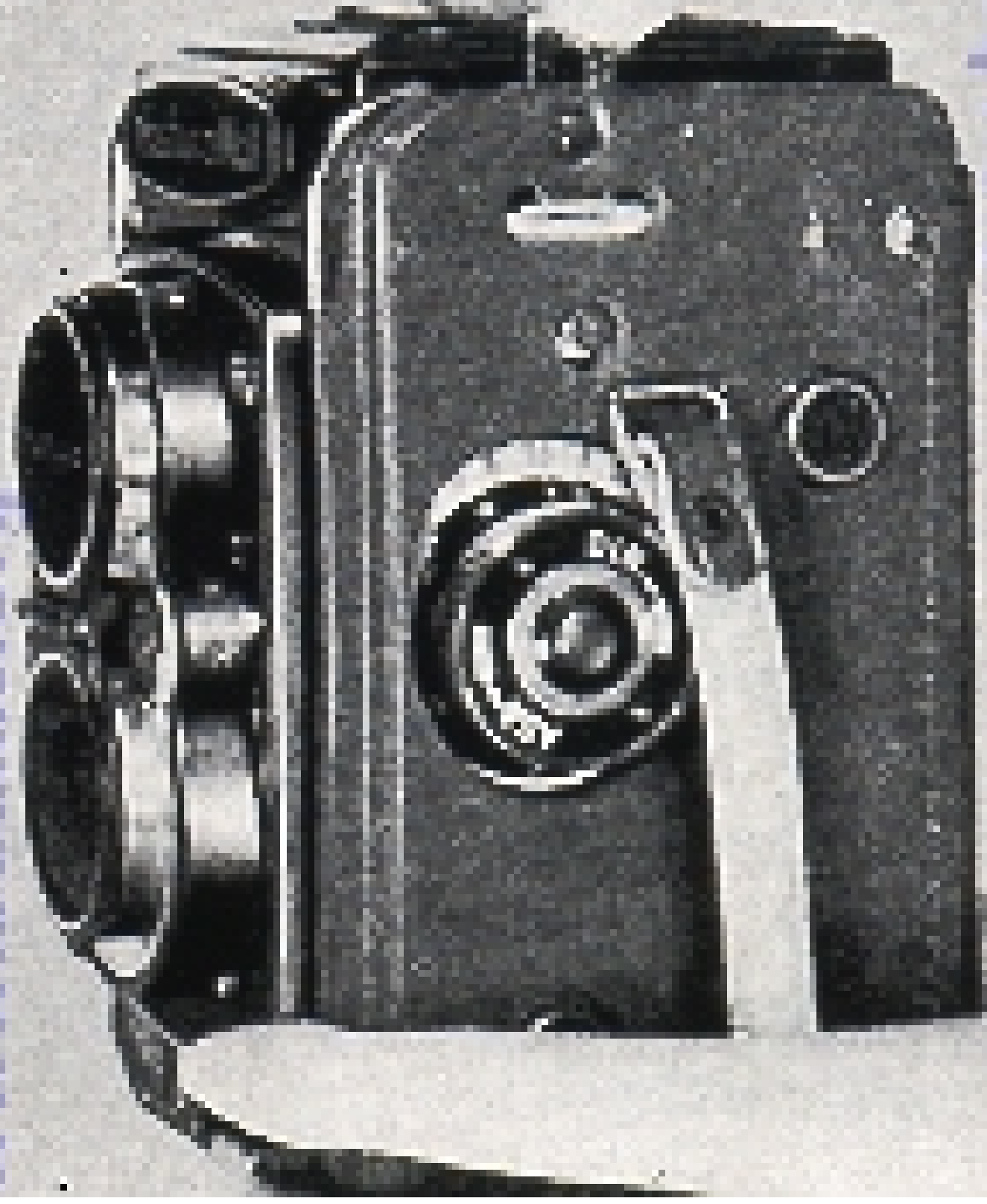
... Reversal type color film for tungsten lamp



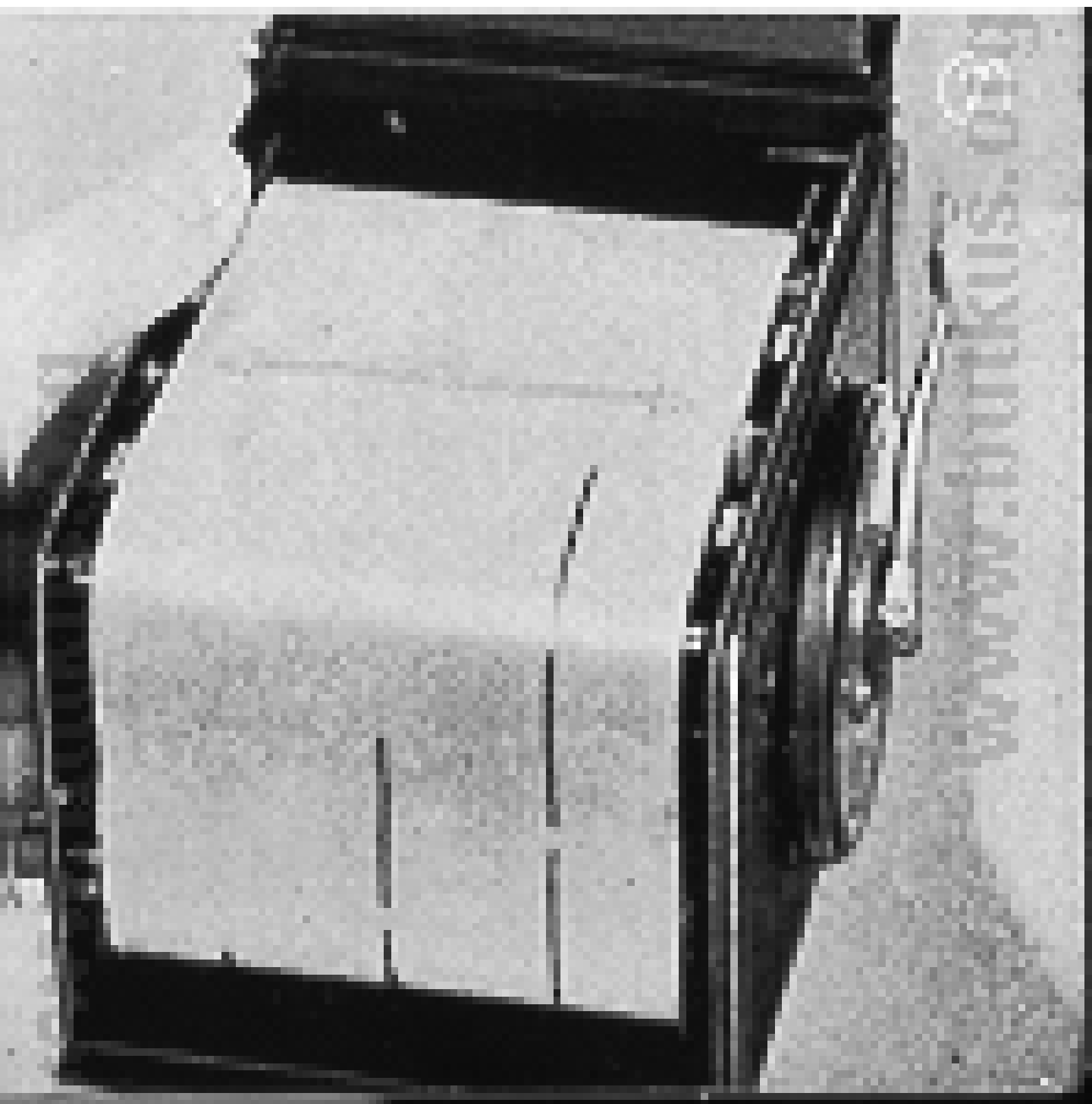
... Black & White film

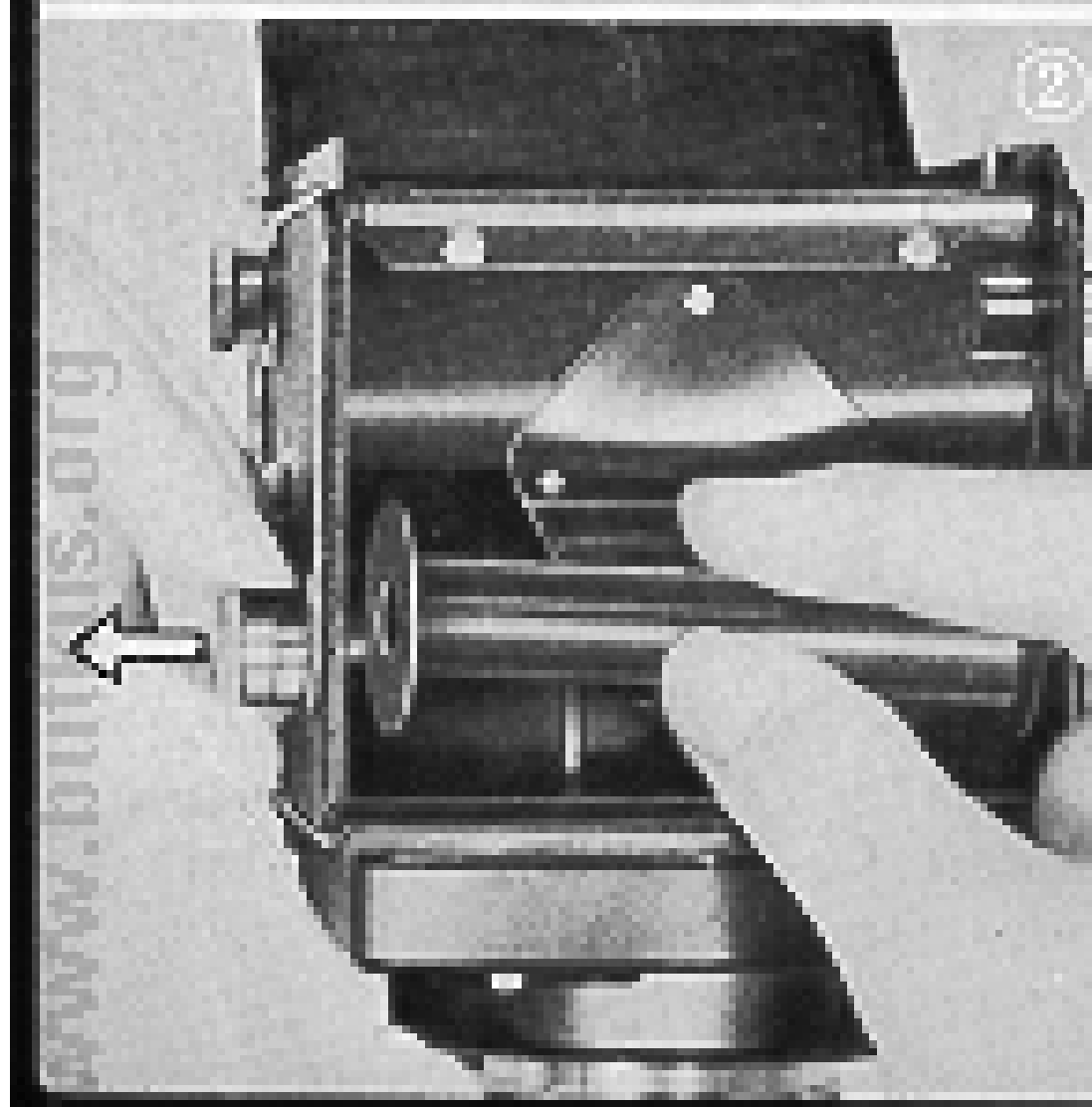


... When the film is not loaded in the camera, set the Indicator to "EMPTY."









③

