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# ■ Close-up Photography with the Auto Extension Tubes



Attaching and detaching the auto extension tubes is accomplished in the same manner as with the lens. When initially mounting a lens to the extension tube, cock both the lens and the tube. The auto extension tubes couple with the automatic aperture of the lenses.

## NOTES:

1. For exposure compensation, refer to the following table. Reading of the exposure compensation scale differs from that when not utilizing extension tubes.
2. For close-up photography, we recommend independent mirror-releasing prior to each actual photograph. This omits or minimizes any residual camera body movement due to mirror action.
3. When photographing through the extension tubes, use as small an aperture as possible.
4. When photographing in the  $6 \times 7$  size, if the 127mm lens is used, minimal or no corner vignetting will occur, however, when using lenses other than the 127mm lens with two extension tubes (No. 1 and No. 2), the possibility of some vignetting in the four corners of the picture may occur. When using only one extension tube, no vignetting will occur with any lens.
5. When photographing with the Polaroid Land film pack, corner vignetting increases due to the larger picture size, however a  $6 \times 7$ cm portion in the center of the photo will be essentially clear of vignetting.
6. Use only one auto extension tube No. 1 for the 65mm lens.
7. Since it will decrease resolving power due to exceeding life-size, do not use the auto extension tube with the 50mm lens.

1. Distance indicates the distance from the front edge of the lens barrel to the subject.

2. Subject coverage is the size of the subject to be photographed on the film.

3. The figures in the left column of the close-up table indicate no bellows extension. The figures on the right indicate when the bellows is extended to the maximum (46mm).

## How to Find the Exposure Compensation Value

1. After focusing the lens, read the extension amount through the bellows extension scale on the top of the distance scale.
2. Find the compensation value by the "Bellows extension scale/Exposure compensation value" located on the right side of the close-up photography table.

For example, assume that 127mm lens is focused after combining it with No. 2 auto extension tube. If the extension amount reads 35mm by the bellows extension amount scale, it is understood that the compensation value is +2 steps by the scale located on the right side of the close-up photography table. In this case, increase exposure by setting the shutter speed dial at two steps slower or by opening the aperture by two steps.

Lens	Extension tube	Magnification	Distance	Subject coverage	Belows extension scale (mm)
					Exposure compensation value (STEP)
65mm F4.5	No. 1	0.69~1.40	$3\frac{7}{32}'' \sim 1\frac{1}{16}''$ (8.2~3.4)cm	$3\frac{7}{32}'' \times 3\frac{29}{32}'' \sim 1\frac{1}{16}'' \times 1\frac{1}{16}''$ (8.2×9.9)cm~(4.0×4.9)cm	
	No. 1	0.50~1.00	$7\frac{1}{16}'' \sim 4\frac{1}{32}''$ (20.2~11.0)cm	$4\frac{1}{16}'' \times 5\frac{1}{16}'' \sim 2\frac{1}{32}'' \times 2\frac{1}{16}''$ (11.3×13.8)cm~(5.6×6.8)cm	
90mm F3.8	No. 2	0.90~1.41	$4\frac{25}{32}'' \sim 3\frac{3}{16}''$ (12.0~8.4)cm	$2\frac{7}{16}'' \times 3'' \sim 1\frac{9}{16}'' \times 1\frac{1}{16}''$ (6.2×7.6)cm~(4.0×4.9)cm	
	No. 1 + No. 2	1.41~1.91	$3\frac{3}{16}'' \sim 2\frac{5}{8}''$ (8.4~6.7)cm	$1\frac{1}{16}'' \times 1\frac{1}{16}'' \sim 1\frac{1}{16}'' \times 1\frac{1}{16}''$ (4.0×4.9)cm~(3.0×3.6)cm	
	No. 1	0.35~0.71	$1' 5\frac{3}{8}'' \sim 10\frac{1}{4}''$ (44.1~26.0)cm	$6\frac{1}{4}'' \times 7\frac{19}{32}'' \sim 3\frac{1}{8}'' \times 3\frac{25}{32}''$ (15.9×19.3)cm~(7.9×9.6)cm	
127mm F3.8	No. 2	0.65~1.01	$11\frac{1}{32}'' \sim 8\frac{7}{32}''$ (28.0~20.9)cm	$3\frac{7}{16}'' \times 4\frac{3}{16}'' \sim 2\frac{1}{32}'' \times 2\frac{1}{16}''$ (8.7×10.6)cm~(5.6×6.8)cm	
	No. 1 + No. 2	1.00~1.36	$8\frac{9}{32}'' \sim 6\frac{1}{16}''$ (21.0~17.6)cm	$2\frac{7}{32}'' \times 2\frac{1}{16}'' \sim 1\frac{5}{8}'' \times 1\frac{3}{32}''$ (5.6×6.8)cm~(4.1×5.0)cm	
	No. 1	0.25~0.51	$2' 9\frac{3}{32}'' \sim 1' 7\frac{23}{32}''$ (86.3~49.9)cm	$8\frac{27}{32}'' \times 10\frac{25}{32}'' \sim 4\frac{3}{8}'' \times 5\frac{5}{16}''$ (22.5×27.4)cm~(11.1×13.5)cm	
180mm F4.5	No. 2	0.46~0.71	$1' 9\frac{3}{16}'' \sim 1' 3\frac{1}{32}''$ (53.8~39.6)cm	$4\frac{7}{8}'' \times 5\frac{29}{32}'' \sim 3\frac{1}{8}'' \times 3\frac{25}{32}''$ (12.4×15.0)cm~(7.9×9.6)cm	
	No. 1 + No. 2	0.71~0.96	$1' 3\frac{21}{32}'' \sim 1' 1''$ (39.8~33.0)cm	$3\frac{3}{32}'' \times 3\frac{1}{16}'' \sim 2\frac{3}{16}'' \times 2\frac{1}{16}''$ (8.0×9.7)cm~(5.9×7.1)cm	
	No. 1	0.18~0.36	$5' 4\frac{3}{16}'' \sim 3' 5\frac{5}{8}''$ (163~93)cm	$1' 5\frac{1}{16}'' \times 1' 3'' \sim 6\frac{3}{32}'' \times 7\frac{13}{32}''$ (31.3×38.1)cm~(15.5×18.8)cm	
250mm F4.5	No. 2	0.33~0.51	$3' 3\frac{3}{4}'' \sim 2' 4\frac{3}{4}''$ (101~73)cm	$6\frac{23}{32}'' \times 8\frac{7}{32}'' \sim 4\frac{1}{32}'' \times 5\frac{9}{32}''$ (17.2×20.9)cm~(11.0×13.4)cm	
	No. 1 + No. 2	0.51~0.69	$2' 5\frac{1}{8}'' \sim 1' 11\frac{5}{8}''$ (74~60)cm	$4\frac{3}{8}'' \times 5\frac{5}{16}'' \sim 3\frac{3}{16}'' \times 3\frac{29}{32}''$ (11.1×13.5)cm~(8.1×9.9)cm	
	No. 1	0.12~0.25	$11' 6\frac{19}{32}'' \sim 6' 9\frac{1}{8}''$ (352~206)cm	$1' 5\frac{23}{32}'' \times 1' 9\frac{9}{16}'' \sim 8\frac{25}{32}'' \times 10\frac{21}{32}''$ (45.0×54.8)cm~(22.3×27.1)cm	
360mm F6.3	No. 2	0.22~0.35	$7' 3\frac{3}{32}'' \sim 5' 4\frac{3}{32}''$ (222~165)cm	$9\frac{23}{32}'' \times 11\frac{27}{32}'' \sim 6\frac{7}{32}'' \times 7\frac{19}{32}''$ (24.7×30.1)cm~(15.8×19.3)cm	
	No. 1 + No. 2	0.35~0.48	$5' 5\frac{1}{32}'' \sim 4' 6\frac{23}{32}''$ (166~139)cm	$6\frac{3}{16}'' \times 7\frac{5}{8}'' \sim 4\frac{3}{32}'' \times 5\frac{5}{8}''$ (16.0×19.4)cm~(11.7×14.3)cm	

# How to Read Depth of Field



1. Focus on the subject, determine the aperture setting.



2. Depress the depth of field preview lever, and the depth of field can be observed on the ground glass focusing screen.

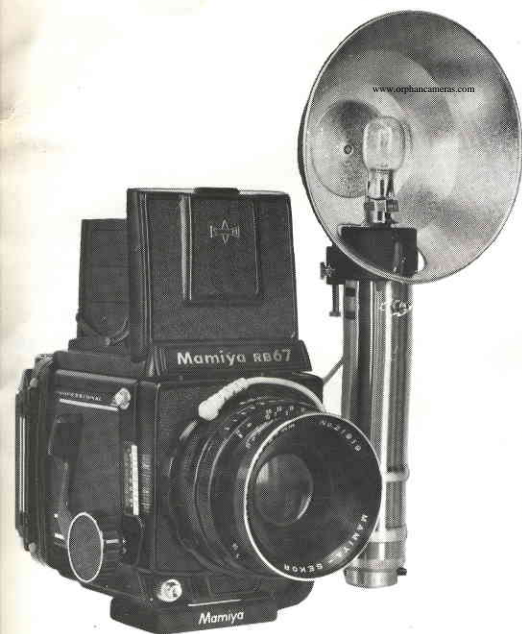


1. Turn the distance scale ring (29) and align the figure representing the focused distance with the center index mark on the depth of field scale (30).

The two distances (on both sides of the center index mark) opposite the same figures as the actual lens aperture on the depth of field scale are the near and far limits of depth for a given distance and lens aperture.

For example, when photographing a subject 15 feet away with the 90mm lens at an aperture of f/11, objects from about 30 to 10 feet will be in focus.

# Flash Photography



Connect the cord of the flash unit to the synchroflash terminal (25).

## M-X selection

The M-X selecting lever is internally locked to prevent unintentional switching of the mode.

When switching the synchronization mode, push the lever against the lens barrel. While pressing, turn it right or left until it reaches the end. The letter X or M, which indicates the contact type, should appear in the window.

When employing electronic flash, set the M-X selector (24) to X to synchronize flash at any shutter speed. When M-class flash bulbs are used, set the M-X selector to M to synchronize at any shutter speed. When F-class flash bulbs are used, set the selector to X and photograph at 1/60 sec. or a slower shutter speed.

The aperture setting for flash photography is determined by dividing the guide number of the bulb or the electronic flash unit by the distance.

Example

$$\frac{(\text{Guide number}) 40}{(\text{Distance to subject}) 5} = (\text{Aperture setting}) 8$$

## NOTE:

When an intensive current flows directly to the shutter due to an abnormal method of using electronic flash, the synchronizing mechanism may be damaged.

**Flash Synchronization Table**

Combinations with the ○ mark synchronize.  
Combinations with the × mark do not synchronize.

Contact	Bulb	Shutter speed									
		1	1/2	1/4	1/8	1/15	1/30	1/60	1/125	1/250	1/500
M	M class	○	○	○	○	○	○	○	○	○	○
X	Electronic flash	○	○	○	○	○	○	○	○	○	○
	F class	○	○	○	○	○	○	○	×	×	×
	M class	○	○	○	○	○	○	×	×	×	×

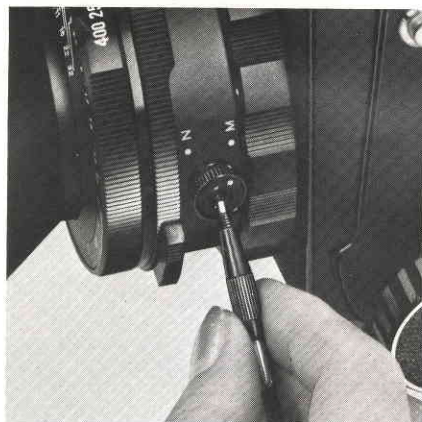
# ■ Mirror-up Photography (Independent Mirror Release)



Since a negligible shock will affect the image when using a long telephoto lens or in close-up photography, mirror-up photography is recommended.

In mirror-up photography, previously release the mirror and operate only the lens shutter at the moment of taking the photograph.

For mirror-up photography, pull out and turn the independent mirror release operating knob (32) on the lens to match the red dot of the knob against the letter M, regardless of shutter cocking condition.



Then screw a cable release into the female screw socket in the center of the knob.

When everything is prepared, by pressing the shutter release button, the mirror and the light baffle will snap up, but the shutter will not be released.

Then release the shutter with the cable release. (When you do not have a cable release, simply turn the mirror release operating knob to N to release the shutter.)

**NOTE:** Unless the mirror release operating knob is returned to N, the camera will remain set for mirror-up photography. In this case, the film will not be exposed even when the shutter release button is pressed.

For this type of photography, an ideal mirror-up cable release is available as an optional accessory.



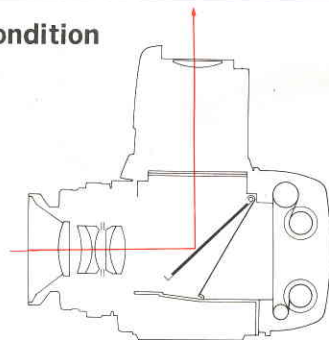
# Mamiya RB 67 Operation Diagram

## 1 Shutter setting condition

Shutter blade



Aperture blade



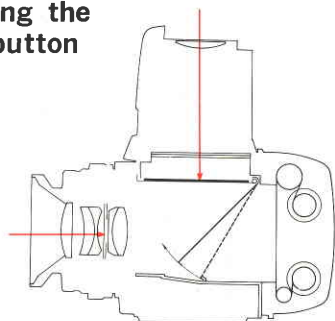
- Both shutter blade and aperture blade are opened.
- The mirror and light baffle are lowered to the set position.

## 2 Just after pressing the shutter release button

Shutter blade



Aperture blade



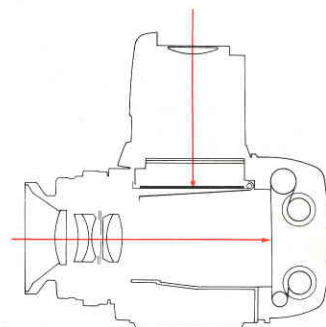
- The shutter blade is closed and the aperture blade begins stopping down.
- The mirror is raised and the light baffle starts rising.

## 3 Exposure

Shutter blade



Aperture blade



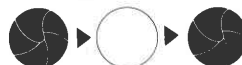
- The light baffle is raised to its limit.
- The aperture blade stops down to a preselected value.
- The shutter blade is closed after being fully opened.

## Mirror-up photography

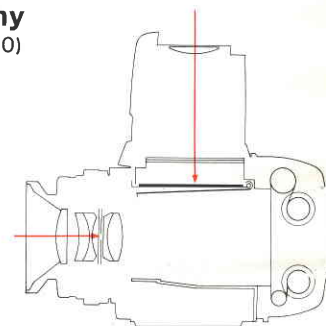
(Refer to page 30)

(1) (2)

Shutter blade



Aperture blade



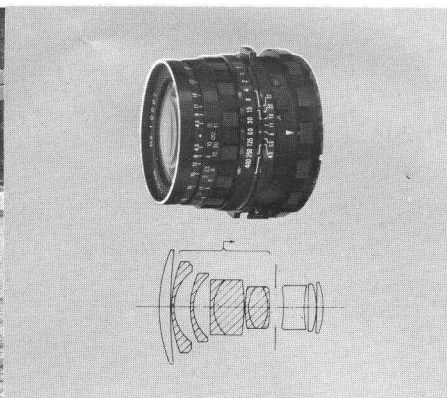
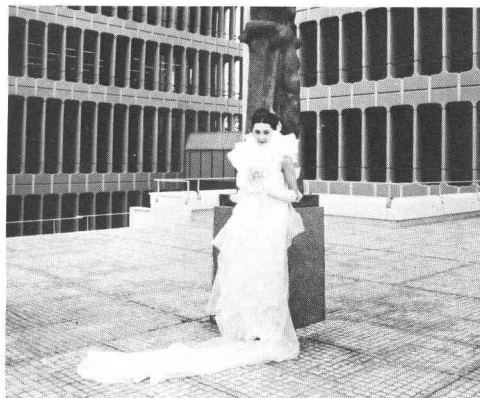
(1) When pressing the shutter release button:

- The shutter blade is closed and the aperture blade stops down to a preselected aperture.
- The mirror and the light baffle are raised.

(2) When releasing the shutter:

- Only the shutter blade operates, closing after being fully opened.

# ■ Lens (with Seiko # 1 Shutter)



## 50<sup>mm</sup> f/4.5

Composition: 11 elements in 8 groups

Picture angle: 82°

Minimum aperture: 32

Filter diameter: 77mm

Hood: Slip-on type

Weight: 32 -7/16 oz (920 g)

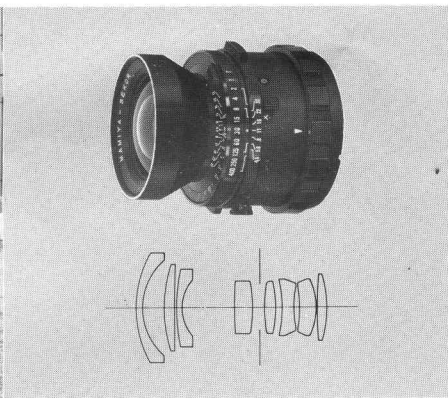
This lens has a built-in floating system which moves a portion of the lens system to the front or rear, according to the photographing distance, in order to obtain sharp resolution down to the picture circumference.

### Depth of Field Table

Aperture	Distance in Meter									
	∞	10	5	4	3	2.5	2	1.5	1.2	1
4.5	6.22	3.87	2.81	2.47	2.06	1.81	1.54	1.23	1.03	0.88
	∞	∞	24.04	10.77	5.61	4.06	2.87	1.92	1.45	1.16
5.6	4.96	3.35	2.53	2.25	1.91	1.70	1.46	1.18	0.99	0.85
	∞	∞	∞	19.23	7.25	4.84	3.23	2.08	1.53	1.21
8	3.52	2.63	2.10	1.91	1.66	1.50	1.31	1.08	0.92	0.81
	∞	∞	∞	∞	17.92	7.97	4.35	2.48	1.73	1.33
11	2.51	2.03	1.70	1.58	1.40	1.29	1.15	0.97	0.85	0.75
	∞	∞	∞	∞	∞	∞	8.65	3.42	2.13	1.55
16	1.79	1.53	1.35	1.27	1.16	1.08	0.98	0.85	0.76	0.68
	∞	∞	∞	∞	∞	∞	∞	7.49	3.17	2.01
22	1.28	1.15	1.04	1.00	0.93	0.88	0.82	0.73	0.66	0.60
	∞	∞	∞	∞	∞	∞	∞	∞	10.90	3.57
32	0.92	0.85	0.80	0.77	0.73	0.70	0.66	0.61	0.56	0.52
	∞	∞	∞	∞	∞	∞	∞	∞	∞	∞

### Depth of Field Table

Aperture	Distance in Feet									
	∞	30	15	10	8	7	6	5	4	3
4.5	20' 5"	12' 3"	8' 9"	6' 10"	5' 10"	5' 3 1/2"	4' 8 3/4"	4' 1 1/4"	3' 5"	2' 8"
	∞	∞	54'	19'	12' 9"	10' 4"	8' 3"	6' 5 1/2"	4' 10 1/4"	3' 5 1/4"
5.6	16' 3"	10' 8"	7' 11"	6' 3 1/2"	5' 5 1/2"	5'	4' 5 3/4"	3' 11"	3' 3 1/2"	2' 7 1/4"
	∞	∞	24' 9"	15' 1"	11' 10"	9' 2"	6' 11 1/2"	5' 1 1/2"	3' 6 3/4"	3' 6 3/4"
8	11' 7"	8' 5 1/2"	6' 8"	5' 6"	4' 10 1/4"	4' 5 3/4"	4' 3/4"	3' 7 1/4"	3' 3/4"	2' 5 3/8"
	∞	∞	65' 2"	24' 2"	16' 8"	11' 9"	8' 4"	5' 10"	3' 10 1/4"	3' 10 1/4"
11	8' 2 1/2"	6' 6 1/2"	5' 5"	4' 7 3/4"	4' 2 1/4"	3' 10 3/4"	3' 7"	3' 2 3/4"	2' 9 3/4"	2' 3 3/8"
	∞	∞	∞	∞	∞	39' 10"	19' 10"	11' 8"	7' 2 1/2"	4' 4 3/4"
16	5' 10 1/2"	4' 11 3/4"	4' 3 3/4"	3' 9 3/4"	3' 6"	3' 3 3/4"	3' 1"	2' 10"	2' 6"	2' 1 1/4"
	∞	∞	∞	∞	∞	∞	∞	26' 11"	10' 11"	5' 5 1/2"
22	4' 2 1/4"	3' 8 3/4"	3' 4 1/4"	3' 3 3/4"	2' 10 1/2"	2' 9"	2' 7"	2' 4 3/8"	2' 2 3/8"	1' 10 1/2"
	∞	∞	∞	∞	∞	∞	∞	∞	∞	8' 6"
32	3' 1/4"	2' 9 1/4"	2' 7"	2' 4 3/8"	2' 3 1/2"	2' 2 1/2"	2' 1 3/8"	2'	1' 10 1/8"	1' 7 3/8"
	∞	∞	∞	∞	∞	∞	∞	∞	∞	∞



# 65<sup>mm</sup> f/4.5

Composition: 8 elements in 8 groups

Picture angle: 68° 10'

Minimum aperture: 32

Filter diameter: 77 mm

Hood: Slip-on type

Weight: 29.5/8 oz (840 g)

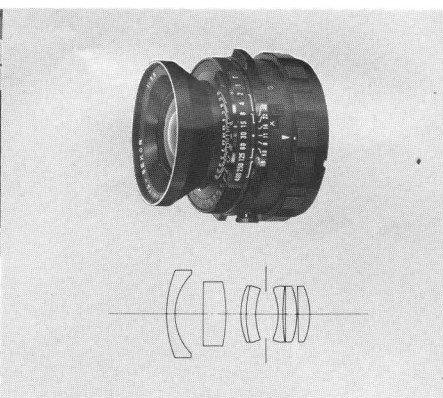
## Depth of Field Table

Aperture	Distance in Meter									
	∞	10	5	4	3	2.5	2	1.5	1.2	1
4.5	10.8	5.27	3.48	2.98	2.40	2.08	1.73	1.35	1.11	0.939
	∞	∞	9.01	6.15	4.03	3.16	2.38	1.69	1.31	1.071
5.6	8.60	4.70	3.24	2.80	2.29	1.99	1.67	1.32	1.09	0.925
	∞	∞	11.4	7.16	4.42	3.39	2.51	1.75	1.34	1.091
8	6.12	3.87	2.83	2.50	2.08	1.84	1.57	1.26	1.05	0.898
	∞	∞	24.8	10.8	5.53	3.98	2.81	1.88	1.42	1.134
11	4.36	3.10	2.41	2.17	1.86	1.66	1.44	1.18	0.99	0.862
	∞	∞	∞	38.5	8.64	5.33	3.39	2.11	1.53	1.203
16	3.12	2.44	2.00	1.83	1.61	1.47	1.30	1.08	0.93	0.817
	∞	∞	∞	∞	∞	10.4	4.84	2.56	1.74	1.317
22	2.24	1.88	1.62	1.51	1.36	1.26	1.14	0.97	0.85	0.762
	∞	∞	∞	∞	∞	∞	12.8	3.70	2.16	1.529
32	1.62	1.44	1.29	1.22	1.13	1.06	0.97	0.86	0.77	0.697
	∞	∞	∞	∞	∞	∞	∞	10.8	3.37	2.001

## Depth of Field Table

Aperture	Distance in Feet									
	∞	30	15	10	8	7	6	5	4	3.5
4.5	35' 4"	16' 6"	10' 9"	7' 11 1/2"	6' 8"	5' 11 1/2"	5' 3"	4' 5 3/4"	3' 8 1/4"	3' 3 1/4"
	∞	186"	25' 2"	13' 6"	10'	8' 5 1/2"	7'	5' 7 1/2"	4' 4 1/2"	3' 9 1/4"
5.6	28' 2"	14' 9"	10'	7' 7"	6' 5"	5' 9"	5' 1"	4' 4 1/2"	3' 7 1/4"	3' 2 1/2"
	∞	∞	30' 7"	14' 10"	10' 9"	8' 11 1/2"	7' 4"	5' 10"	4' 6"	3' 10 1/4"
8	20' 1"	12' 3"	8' 10"	6' 11"	5' 11"	5' 4 1/2"	4' 9 1/2"	4' 2"	3' 5 1/4"	3' 1 1/4"
	∞	∞	54' 8"	18' 8"	12' 6"	10' 2"	8' 1"	6' 3 1/2"	4' 8 3/4"	4' 3 1/4"
11	14' 4"	9' 11"	7' 7"	6' 1 1/2"	5' 4 1/2"	4' 11 1/4"	4' 5 1/4"	3' 11"	3' 3 1/2"	2' 11 1/4"
	∞	∞	∞	29' 9"	16' 6"	12' 6"	9' 6"	7' 1"	5' 1 1/2"	4' 3 1/2"
16	10' 3"	7' 10"	6' 4"	5' 3 1/2"	4' 9"	4' 5"	4' 1/4"	3' 7"	3' 1"	2' 9 1/4"
	∞	∞	∞	∞	30' 8"	19' 1"	12' 8"	8' 7 1/2"	5' 10"	4' 3 1/4"
22	7' 4"	6' 1"	5' 2"	4' 6"	4' 1 1/4"	3' 10 1/4"	3' 6 3/4"	3' 2 3/4"	2' 10"	2' 7 1/4"
	∞	∞	∞	∞	∞	∞	24' 10"	12' 8"	7' 4"	5' 7 1/4"
32	5' 4"	4' 7 3/4"	4' 1 1/2"	3' 8 1/2"	3' 5 1/2"	3' 3 1/2"	3' 1"	2' 10 1/4"	2' 6 1/2"	2' 5"
	∞	∞	∞	∞	∞	∞	∞	41"	11' 8"	7' 9"

# **Lens (with Seiko #1 Shutter)**



# **90<sup>mm</sup> f/3.8**

Composition : 7 elements in 6 groups

Picture angle : 51° 50'

Minimum aperture : 32

Filter diameter : 77 mm

Hood : Screw-in type

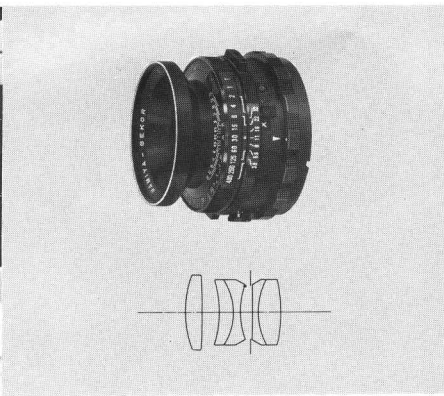
Weight : 24.7/8 oz (705 g)

## **Depth of Field Table**

Aperture	Distance in Meter									
	∞	10	5	3	2	1.5	1	0.8	0.6	0.5
3.8	24.57	7.17	4.20	2.70	1.87	1.43	0.973	0.784	0.593	0.496
	∞	16.60	6.19	3.37	2.15	1.58	1.029	0.816	0.607	0.504
5.6	16.54	6.31	3.90	2.58	1.82	1.40	0.960	0.777	0.590	0.494
	∞	24.59	7.01	3.59	2.23	1.62	1.044	0.825	0.611	0.506
8	11.73	5.48	3.57	2.44	1.75	1.36	0.945	0.768	0.586	0.492
	∞	63.09	8.43	3.91	2.34	1.67	1.064	0.835	0.615	0.508
11	8.33	4.62	3.20	2.27	1.66	1.31	0.924	0.756	0.580	0.489
	∞	∞	11.84	4.48	2.52	1.76	1.093	0.851	0.622	0.512
16	5.92	3.79	2.79	2.06	1.56	1.25	0.896	0.739	0.572	0.485
	∞	∞	28.05	5.67	2.84	1.89	1.138	0.875	0.632	0.517
22	4.22	3.04	2.37	1.83	1.43	1.17	0.860	0.717	0.561	0.479
	∞	∞	∞	9.12	3.45	2.13	1.208	0.911	0.646	0.524
32	3.02	2.38	1.96	1.59	1.28	1.08	0.814	0.688	0.547	0.470
	∞	∞	∞	∞	5.03	2.60	1.327	0.968	0.668	0.536

## **Depth of Field Table**

Aperture	Distance in Feet									
	∞	30	15	10	7	5	4	3	2	1.5
3.8	80' 7"	22' 1"	12' 9"	9'	6' 6"	4' 9 1/4"	3' 10 3/4"	2' 11"	1' 11 3/4"	1' 5 3/8"
	∞	47' 1"	18' 2"	11' 3"	7' 7"	5' 3"	4' 1 3/4"	3' 3/4"	2' 1/4"	1' 6 1/4"
5.6	54' 3"	19' 7"	11' 11"	8' 7"	6' 3 1/2"	4' 8"	3' 9 1/2"	2' 10 3/4"	1' 11 3/4"	1' 5 7/8"
	∞	65' 4"	20' 3"	12'	7' 10 1/2"	5' 5"	4' 2 3/4"	3' 1 1/4"	2' 1/2"	1' 6 1/8"
8	38' 6"	17' 1"	11'	8' 1 1/2"	6' 1/2"	4' 6 1/4"	3' 8 1/2"	2' 10 1/4"	1' 11 3/8"	1' 5 3/4"
	∞	129'	23' 10"	13' 1"	8' 3 1/2"	5' 7"	4' 4"	3' 2"	2' 3/8"	1' 6 1/4"
11	27' 4"	14' 7"	9' 11"	7' 6 1/2"	5' 9"	4' 4 1/4"	3' 7 1/4"	2' 9 1/2"	1' 11 1/4"	1' 5 3/4"
	∞	∞	31' 7"	15' 1"	9'	5' 10 1/2"	4' 6"	3' 3"	2' 3/8"	1' 6 3/8"
16	19' 5"	12'	8' 8 1/2"	6' 10"	5' 4"	4' 1 3/4"	3' 5 1/2"	2' 8 3/4"	1' 10 3/8"	1' 5 5/8"
	∞	∞	59' 2"	19' 2"	10' 3"	6' 4"	4' 9"	3' 4 1/4"	2' 1 3/8"	1' 6 1/2"
22	13' 10"	9' 8 1/2"	7' 5 1/2"	6' 1/2"	4' 10 3/4"	3' 10 3/4"	3' 3 1/2"	2' 7 1/2"	1' 10 3/8"	1' 5 3/4"
	∞	∞	∞	31' 6"	12' 10"	7' 2"	5' 2"	3' 6 1/4"	2' 1 1/8"	1' 6 3/8"
32	9' 10 1/2"	7' 7 1/2"	6' 2 1/2"	5' 3"	4' 4 1/4"	3' 6 3/4"	3' 3/4"	2' 6"	1' 9 3/8"	1' 5 1/4"
	∞	∞	∞	∞	20'	8' 9 1/2"	5' 11"	3' 9 3/4"	2' 2 3/8"	1' 7"



# 127<sup>mm</sup> f/3.8

Composition: 5 elements in 3 groups

Picture angle: 38° 16'

Minimum aperture: 32

Filter diameter: 77 mm

Hood: Screw-in type

Weight: 23-1/8 oz (655 g)

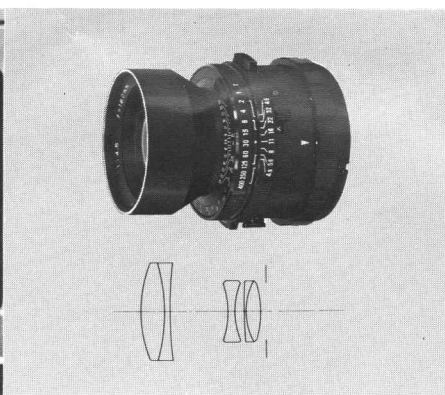
### Depth of Field Table

Aperture	Distance in Meter									
	∞	10	5	3	2	1.5	1	0.8	0.7	0.65
3.8	47.96	8.33	4.56	2.84	1.93	1.47	0.987	0.793	0.695	0.646
	∞	12.53	5.54	3.17	2.07	1.54	1.01	0.807	0.704	0.654
4	45.57	8.26	4.54	2.84	1.93	1.46	0.986	0.793	0.695	0.646
	∞	12.70	5.57	3.18	2.07	1.54	1.01	0.807	0.705	0.654
5.6	32.26	7.70	4.37	2.77	1.90	1.45	0.981	0.790	0.693	0.645
	∞	14.30	5.84	3.27	2.11	1.55	1.02	0.811	0.707	0.655
8	22.84	7.03	4.16	2.69	1.87	1.43	0.973	0.786	0.690	0.643
	∞	17.42	6.29	3.39	2.16	1.58	1.03	0.815	0.710	0.658
11	16.19	6.27	3.89	2.58	1.82	1.40	0.963	0.780	0.687	0.640
	∞	25.24	7.04	3.59	2.23	1.61	1.04	0.822	0.714	0.661
16	11.48	5.44	3.56	2.44	1.75	1.37	0.948	0.772	0.681	0.635
	∞	69.73	8.50	3.91	2.34	1.67	1.06	0.831	0.720	0.666
22	8.16	4.59	3.19	2.27	1.67	1.32	0.929	0.761	0.674	0.630
	∞	∞	12.04	4.49	2.52	1.75	1.09	0.845	0.729	0.672
32	5.80	3.76	2.78	2.06	1.56	1.26	0.903	0.746	0.664	0.622
	∞	∞	29.80	5.69	2.83	1.88	1.126	0.865	0.742	0.682

### Depth of Field Table

Aperture	Distance in Feet									
	∞	30	15	10	7	5	4	3	2.5	2.25
3.8	157'	25' 4"	13' 9"	9' 5 1/2"	6' 9"	4' 10 1/2"	3' 11 1/4"	3' 0"	2' 5 3/4"	2' 2 1/4"
	∞	36' 9"	16' 5"	10' 0"	7' 3"	5' 1 1/2"	4' 3"	3' 1/2"	2' 6 1/4"	2' 2 3/8"
4	149'	25' 2"	13' 8"	9' 5"	6' 9"	4' 10 1/2"	3' 11"	2' 11 1/2"	2' 5 3/4"	2' 2 3/8"
	∞	37' 2"	16' 6"	10' 7"	7' 3 1/2"	5' 1 1/2"	4' 1"	3' 1/2"	2' 6 1/4"	2' 3 1/8"
5.6	106'	23' 7"	13' 3"	9' 8"	6' 7 1/2"	4' 10"	3' 10 1/4"	2' 11 1/2"	2' 5 1/2"	2' 2 3/8"
	∞	41' 4"	17' 3"	10' 11"	7' 5"	5' 2"	4' 1 1/4"	3' 1/2"	2' 6 1/4"	2' 2 3/8"
8	74' 11"	21' 8"	12' 8"	8' 11 1/2"	6' 6"	4' 9"	3' 10 1/4"	2' 11"	2' 5 1/2"	2' 2 3/8"
	∞	49' 0"	18' 5"	11' 4"	7' 7"	5' 3"	4' 1 3/4"	3' 1"	2' 6 1/4"	2' 2 3/8"
11	53' 1"	19' 5"	11' 11"	8' 7"	6' 3 1/2"	4' 8"	3' 9 1/2"	2' 11"	2' 5 1/2"	2' 2 3/8"
	∞	66' 8"	20' 4"	12' 0"	7' 10 1/2"	5' 4 1/2"	4' 2 3/4"	3' 1 1/4"	2' 6 1/4"	2' 2 3/8"
16	37' 8"	17' 0"	11' 0"	8' 1"	6' 1"	4' 6 1/2"	3' 8 3/4"	2' 10 1/2"	2' 5"	2' 2 3/8"
	∞	137'	23' 11"	13' 1"	8' 3 1/2"	5' 7"	4' 4"	3' 1 3/4"	2' 7"	2' 3 3/8"
22	26' 9"	14' 5"	9' 10"	7' 6"	5' 9"	4' 4 1/2"	3' 7 1/2"	2' 9 3/4"	2' 4 3/4"	2' 2 3/8"
	∞	∞	31' 11"	15' 1"	9' 0"	5' 10"	4' 5 1/4"	3' 2 1/2"	2' 7 1/2"	2' 4"
32	19' 0"	11' 11"	8' 7 1/2"	6' 10"	5' 4 1/2"	4' 2"	3' 6"	2' 9"	2' 4 1/2"	2' 1 3/8"
	∞	∞	61' 3"	19' 3"	10' 2"	6' 3 1/2"	4' 8 1/2"	3' 3 3/4"	2' 8 1/4"	2' 4 1/8"

# ■ Lens (with Seiko #1 Shutter)



# 180<sup>mm</sup> f/4.5

Composition: 5 elements in 3 groups

Picture angle: 28°

Minimum aperture: 45

Filter diameter: 77mm

Hood: Screw-in type

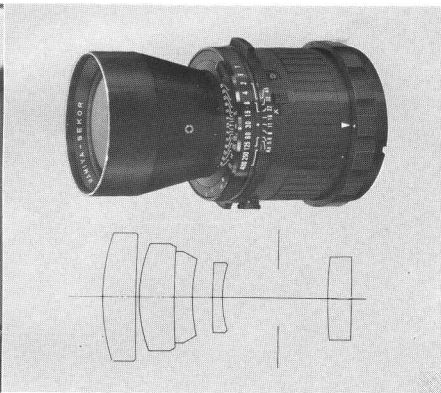
Weight: 30-14/16 oz (875 g)

## Depth of Field Table

Aperture	Distance in Meter									
	∞	30	15	10	7	5	3	2	1.5	1.2
4.5	80.18	21.94	12.71	8.94	6.48	4.74	2.91	1.96	1.48	1.19
	∞	47.55	18.32	11.34	7.62	5.30	3.10	2.04	1.52	1.21
5.6	63.82	12.23	8.71	6.36	4.67	2.89	1.96	1.48	1.19	
	∞	55.99	19.43	11.75	7.79	5.38	3.12	2.05	1.52	1.21
8	45.18	18.16	11.36	8.27	6.12	4.55	2.85	1.94	1.47	1.18
	∞	87.53	22.14	12.68	8.18	5.55	3.17	2.07	1.53	1.22
11	32.00	15.62	10.33	7.72	5.82	4.39	2.79	1.91	1.46	1.18
	∞	27.62	14.26	8.80	5.82	3.25	2.10	1.55	1.23	
16	22.68	13.05	9.16	7.06	5.45	4.18	2.71	1.88	1.44	1.17
	∞	∞	42.59	17.35	9.85	6.25	3.37	2.14	1.57	1.24
22	16.09	10.60	7.90	6.30	4.99	3.91	2.60	1.83	1.42	1.15
	∞	∞	∞	25.08	11.88	6.98	3.56	2.20	1.60	1.25
32	11.43	8.39	6.62	5.47	4.47	3.60	2.47	1.77	1.38	1.14
	∞	∞	∞	68.63	16.80	8.37	3.86	2.30	1.64	1.27
45	8.13	6.49	5.40	4.62	3.90	3.23	2.30	1.70	1.34	1.11
	∞	∞	∞	∞	41.26	11.71	4.38	2.46	1.71	1.31

## Depth of Field Table

Aperture	Distance in Feet									
	∞	100	50	30	20	15	10	7	5	4
4.5	263' 0"	72' 10"	42' 3"	27' 1"	18' 8"	14' 3"	9' 8 1/2"	6' 10 1/2"	4' 11 1/4"	3' 11 1/2"
	∞	160' 0"	61' 3"	33' 7"	21' 6"	15' 10"	10' 4"	7' 1 1/2"	5' 1/2"	4' 1/2"
5.6	209' 0"	68' 1"	40' 8"	26' 5"	18' 5"	14' 1"	9' 7 1/2"	6' 10"	4' 11"	3' 11 1/2"
	∞	189' 0"	65' 1"	34' 8"	21' 11"	16' 0"	10' 5"	7' 2"	5' 1"	4' 1/2"
8	148' 0"	60' 2"	37' 9"	25' 2"	17' 10"	13' 9"	9' 5 1/2"	6' 9"	4' 10 3/4"	3' 11 1/4"
	∞	301' 0"	74' 5"	37' 2"	22' 10"	16' 6"	10' 7"	7' 3"	5' 1 1/2"	4' 3/4"
11	105' 0"	51' 8"	34' 3"	23' 8"	17' 0"	13' 4"	9' 3 1/2"	6' 8"	4' 10 1/4"	3' 11"
	∞	93' 5"	41' 2"	24' 3"	17' 2"	10' 10"	7' 4 1/2"	5' 2"	4' 1"	
16	74' 5"	43' 1"	30' 4"	21' 9"	16' 1"	12' 9"	9' 0"	6' 6 1/2"	4' 9 1/2"	3' 10 1/2"
	∞	∞	146' 0"	48' 10"	26' 8"	18' 4"	11' 3"	7' 6 1/2"	5' 3"	4' 1 1/2"
22	52' 9"	34' 11"	26' 2"	19' 7"	14' 10"	12' 0"	8' 8"	6' 4 1/2"	4' 8 1/2"	3' 10"
	∞	∞	∞	66' 2"	30' 11"	20' 2"	11' 11"	7' 9 1/2"	5' 4"	4' 2 1/4"
32	37' 6"	27' 8"	21' 10"	17' 1"	13' 5"	11' 1"	8' 2 1/2"	6' 1 1/2"	4' 7 1/2"	3' 9 3/4"
	∞	∞	∞	135' 0"	40' 2"	23' 7"	12' 11"	8' 2"	5' 6"	4' 3"
45	26' 8"	21' 4"	17' 10"	14' 7"	11' 11"	10' 0"	7' 7 1/2"	5' 10"	4' 5 1/2"	3' 8 3/4"
	∞	∞	∞	∞	69' 11"	31' 1"	14' 9"	8' 9 1/2"	5' 8 1/2"	4' 4 1/4"



# 250<sup>mm</sup> f/4.5

Composition : 5 elements in 4 groups

Picture angle : 20°

Minimum aperture : 45

Filter diameter : 77 mm

Hood : Screw-in type

Weight : 46.3/16 oz (1310 g)

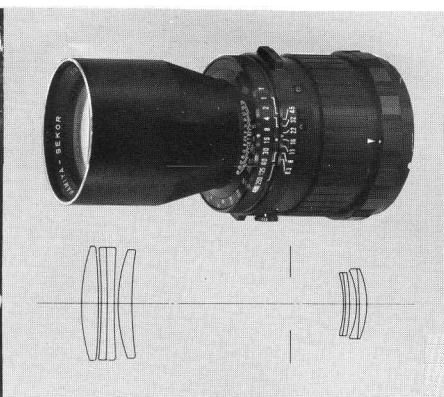
### Depth of Field Table

Aperture	Distance in Meter									
	∞	50	30	20	15	10	7	5	3	2
4.5	155	37.9	25.2	17.8	13.7	9.44	6.73	4.87	2.96	1.98
	∞	73.5	37.0	22.9	16.5	10.6	7.30	5.14	3.04	2.02
5.6	123	35.7	24.2	17.3	13.4	9.30	6.66	4.83	2.95	1.98
	∞	83.6	39.4	23.7	17.0	10.8	7.38	5.18	3.06	2.02
8	87.1	32.0	22.5	16.4	12.9	9.04	6.53	4.77	2.92	1.97
	∞	116	45.3	25.7	18.0	11.2	7.54	5.26	3.08	2.03
11	61.6	27.8	20.3	15.2	12.2	8.69	6.36	4.68	2.89	1.96
	∞	257	57.5	29.2	19.6	11.8	7.80	5.37	3.11	2.04
16	43.7	23.5	18.0	13.9	11.3	8.25	6.12	4.56	2.85	1.94
	∞	∞	93.1	36.1	22.4	12.7	8.19	5.55	3.16	2.06
22	30.9	19.3	15.4	12.3	10.3	7.70	5.82	4.40	2.80	1.92
	∞	∞	∞	54.4	28.2	14.4	8.81	5.81	3.24	2.09
32	22.0	15.4	12.9	10.7	9.09	7.03	5.45	4.19	2.72	1.89
	∞	∞	∞	195	44.7	17.6	9.88	6.23	3.35	2.12
45	15.6	12.0	10.4	8.95	7.84	6.28	5.00	3.93	2.62	1.85
	∞	∞	∞	∞	∞	25.8	11.9	6.96	3.52	2.18

### Depth of Field Table

Aperture	Distance in Feet								
	∞	200	100	50	30	20	15	10	7
4.5	507	144	83 10	45 9	28 5	19 4	14 8	9 10	6 11 1/2
	∞	328	124	55 2	31 9	20 9	15 5	10 2	7 1
5.6	404	134	80 6	44 9	28 1	19 2	14 7	9 10	6 11
	∞	393	132	56 8	32 2	20 11	15 6	10 2	7 1
8	286	118	74 7	42 10	27 4	18 10	14 4	9 9	6 10 1/2
	∞	657	152	60 1	33 3	21 4	15 8	10 3	7 1 1/2
11	202	101	67 5	40 6	26 5	18 5	14 1	9 7 1/2	6 10
	∞	∞	195	65 6	34 9	21 11	16 0	10 5	7 2
16	143	84 1	59 6	37 6	25 2	17 10	13 10	9 6	6 9 1/2
	∞	∞	321	75 3	37 3	22 10	16 5	10 7	7
22	102	67 11	51	34 1	23 7	17 1	13 4	9 3 1/2	6 8 1/2
	∞	∞	∞	95 5	41 5	24 3	17 2	10 10	7 4
32	72	53 5	42 6	30 1	21 8	16 1	12 9	9 1/2	6 7
	∞	∞	∞	154	49 3	26 8	18 3	11 2	7 6
45	51 2	41 2	34 5	25 11	19 6	14 11	12 1	8 8 1/2	6 5
	∞	∞	∞	∞	67 6	30 11	20 1	11 9	7 8 1/2

# **Lens (with Seiko #1 Shutter)**



# **360<sup>mm</sup> f/6.3**

Composition: 8 elements in 5 groups

Picture angle: 14°

Minimum aperture: 45

Filter diameter: 77mm

Hood: Screw-in type

Weight: 43-6/16 oz (1230 g)

## **Depth of Field Table**

Aperture	Distance in Meter									
	∞	100	50	30	20	15	10	7	5	4
6.3	228.93	69.83	41.20	26.64	18.47	14.14	9.62	6.82	4.92	3.95
	∞	176.51	63.64	34.35	21.81	15.97	10.41	7.19	5.09	4.05
8	180.36	64.58	39.33	25.85	18.10	13.93	9.53	6.78	4.89	3.94
	∞	222.55	68.71	35.76	22.35	16.26	10.52	7.24	5.11	4.07
11	127.64	56.34	36.15	24.46	17.42	13.52	9.35	6.69	4.85	3.91
	∞	453.28	81.36	38.85	23.50	16.85	10.76	7.34	5.16	4.09
16	90.36	47.74	32.44	22.73	16.54	13.00	9.10	6.57	4.79	3.87
	∞	∞	110.06	44.29	25.35	17.76	11.10	7.49	5.23	4.13
22	64.00	39.28	28.34	20.66	15.44	12.32	8.78	6.41	4.71	3.83
	∞	∞	220.31	55.25	28.53	19.23	11.64	7.72	5.33	4.19
32	45.36	31.44	24.06	18.32	14.11	11.48	8.36	6.19	4.60	3.76
	∞	∞	∞	85.18	34.71	21.80	12.50	8.07	5.48	4.28
45	32.18	24.55	19.84	15.80	12.59	10.47	7.83	5.91	4.46	3.67
	∞	∞	∞	∞	50.16	26.90	13.95	8.62	5.71	4.41

## **Depth of Field Table**

Aperture	Distance in Feet									
	∞	700	500	200	100	70	50	30	20	15
6.3	751'	363'	301'	159'	88' 7"	64' 4"	47' 1"	29'	19' 7"	14' 9"
	∞	∞	1484'	271'	115'	76' 10"	53' 4"	31' 1"	20' 5"	15' 3"
8	592'	322'	272'	150'	86'	62' 11"	46' 4"	28' 9"	19' 6"	14' 9"
	∞	∞	3172'	300'	120'	78' 11"	54' 3"	31' 5"	20' 7"	15' 4"
11	419'	263'	229'	136'	81' 3"	60' 5"	45'	28' 3"	19' 3"	14' 7"
	∞	∞	∞	379'	130'	83' 4"	56' 3"	32'	20' 10"	15' 5"
16	296'	209'	187'	120'	75' 5"	57' 2"	43' 3"	27' 7"	18' 11"	14' 5"
	∞	∞	∞	602'	149'	90' 5"	59' 5"	33'	21' 2"	15' 7"
22	210'	162'	149'	103'	68' 6"	53' 2"	40' 11"	26' 8"	18' 7"	14' 3"
	∞	∞	∞	∞	187'	103'	64' 5"	34' 5"	21' 9"	15' 10"
32	149'	123'	115'	86' 2"	60' 8"	48' 5"	38' 1"	25' 6"	18'	13' 11"
	∞	∞	∞	∞	293'	128'	73' 3"	36' 7"	22' 6"	16' 3"
45	106'	92'	87' 8"	69' 11"	52' 3"	42' 11"	34' 9"	24'	17' 4"	13' 6"
	∞	∞	∞	∞	∞	196'	90' 11"	40' 4"	23' 9"	16' 10"



# ■ Accessories Exclusively for the Mamiya RB67

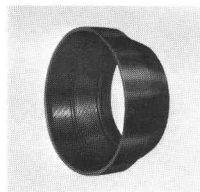
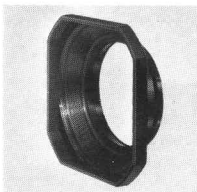
## Filters

Filters of 77mm diameter can be used for all lenses. Seven different filters are available — Y2 (Yellow 2), YG (Yellow Green), O2 (Orange 2), UV (Haze), SL (Skylight), PL (Polarizing), and ND16 (Neutral Density 16).

### PL Filter (Polarizing Filter)

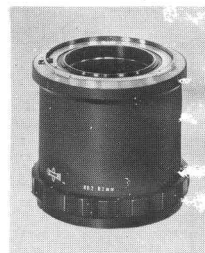
The PL filter eliminates light reflections from water and or glass surfaces, making subjects in water or displayed in show windows much clearer. It also eliminates unwanted reflections from nonmetallic surfaces, revealing surface detail. For outdoor photography the PL filter can be used to dramatically darken the blue sky.

## Lens Hoods



50mm f/4.5 lens	Common use	Slip-on type 80mm $\phi$
65mm f/4.5 lens		
90mm f/3.8 lens	Common use	Screw-in type 77mm $\phi$
127mm f/3.8 lens		
180mm f/4.5 lens		
250mm f/4.5 lens		
360mm f/6.3 lens	Exclusive use	

## Auto Extension Tubes



There are two types of auto extension tubes available (No. 1 and No. 2) both of which couple to the automatic aperture of the lens. Both can be used at the same time when required.

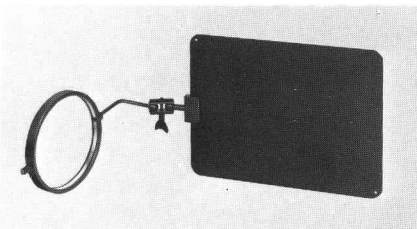
Life-size close-ups can be obtained by combining an extension tube No. 1 and a 90 mm f/3.8 lens, or an extension tube No. 2 and a 127 mm f/3.8 lens.

## Gelatin Filter Holder

Gelatin filters allow selection of a wide variety of colors and ensure high optical quality. The Mamiya gelatin filter holder is designed to mount a 3 inch (7.5cm) square gelatin filter to the camera lens.



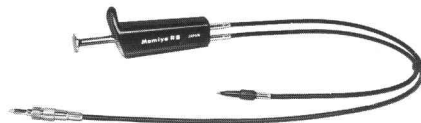
## Sun Shield



This is a shield, attaching to the lens when photographing against the sun, and can be rotated easily to prevent direct sunlight from striking the lens. You can take clear, crisp photos without disappointing flares or ghost images.

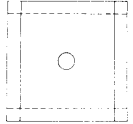
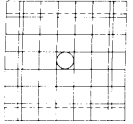
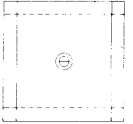

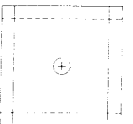
## Mirror-up Cable Release

This forked (Y-shape) cable release is indispensable in fully utilizing the mirror-up (independent mirror release) mechanism of the Mamiya RB67.



## Focusing Screen

Five different types of focusing screens are available to meet individual needs or preference.

Description	Specification	Application
 <p>No. 1 Matte</p>	<p>Entirely matted with Fresnel lens</p>	<p>For general photography.</p>
 <p>No. 2 Checker</p>	<p>Entirely matted with Fresnel lens and sectional grid markings</p>	<p>Grid markings are added to the No. 1 Matte. Convenient in arranging composition. Most suitable for close-ups, copying, and photographing buildings.</p>
 <p>No. 3 Rangefinder spot</p>	<p>Entirely matted with Fresnel lens and split prism at center</p>	<p>For general photography. Convenient for quick, accurate focusing with the central split prism. Focusing can also be done in the surrounding matte area.</p>
 <p>No. 4 Microprism</p>	<p>Entirely matted with Fresnel lens and micro- prism at center</p>	<p>For general photography. Convenient for quick focusing with the central microprism. Focusing can also be done in the surrounding matte area.</p>
 <p>No. 5 Cross-hair</p>	<p>Entirely matted Center small circular portion is transparent with cross hairs marker</p>	<p>For special photography. Suitable for high magnification close-up or telephoto photography, using parallax focusing.</p>

# ■ Accessories Exclusively for the Mamiya RB 67



## Magnifying hood

By attaching a magnifying hood in place of the focusing hood, the ground glass focusing screen will be further shielded from extraneous light, offering easy viewing of the image either outdoors or in the studio. The magnifier has 2.5X magnification.



## CdS finder

This is a magnifying hood with a built-in CdS exposure meter. Since the meter measures light which passes through the lens, the correct exposure setting is easily obtained. A compensating exposure factor need not be considered even if the bellows are extended and/or extension tubes or filters are used.



## Prism Finder

Through this prism finder, the image on the ground glass focusing screen appears exactly as the subject is seen. Really an indispensable accessory for eye-level photos, press photography, or candid shots.

Viewing angle : 30°  
Finder magnification : 2.2X



## Universal sportsfinder

Since it provides a wide range of view even outside the viewfinder field, this is very convenient for photographing quickly moving objects such as sports events, air meets, races, etc. You can focus on the focusing screen with the sportsfinder attached to the camera.



## Grip Holder for Mamiya RB and C330

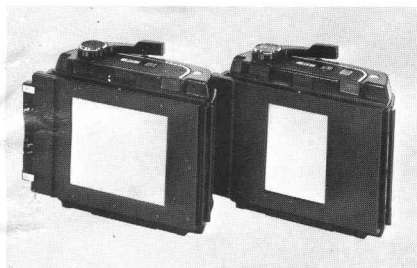
This grip holder is a very convenient accessory for hand-holding the camera or for carrying it. An accessory shoe is attached. The camera shutter can be released by triggering the shutter button of this grip. This grip can also be used for the Mamiya C330.



## Focusing knob adapter

This adapter eases rapid accurate focusing. It attaches quite simply to the focusing knob.

# ■ G-lock System Accessories



## 120 Roll Film Holder

10 exposures on 6×7 cm format

Film used: 120 roll film

Film advance: Advance lever in one stroke  
(Can also be wound in several short, definite strokes)

Exposure counter: Automatic resetting  
With double-exposure warning device

## 220 Roll Film Holder

20 exposures on 6×7 cm format

Film used: 220 roll film

Other specifications are the same as 120 roll film holder.

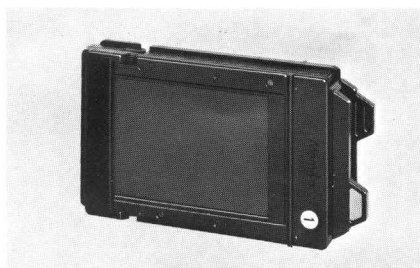
## 120 Roll Film Holder 6×4.5

16 exposures on 6×4.5 cm format

Film used: 120 roll film

Finder mask for 6×4.5 format comes with the holder

Other specifications are the same as the 120 roll film holder



## Double Cut Film/Plate Holder

There are two types of double cut film/plate holders; type A and type J.

### Cut film used:

2-1/2×3-1/2 inch, (6.5×9 cm); two exposures; can be used for the both types of holders.

### Dry plate used:

2-1/2×3-1/2 inch, (6.5×9 cm); two exposures; can be used for the both types of holders.

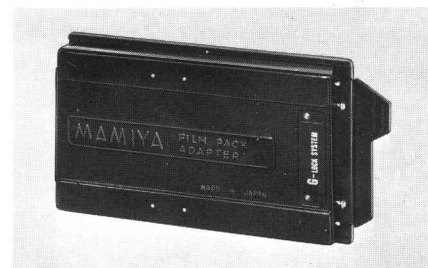
### When type A holder and its sheath are used:

Two exposures with 2-1/4×3-1/4 inch cut films.

### When type J holder and its sheath are used.

Two exposures with one-quarter of 4-3/4×6-1/2 inch, (12×16.5 cm) cut film.

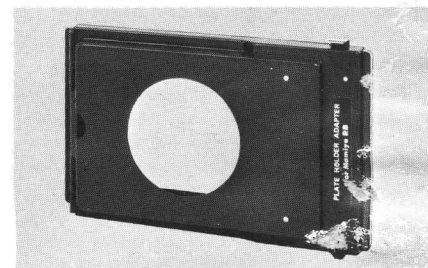
In either case, the picture size will be a 6×7 cm format. However, when film sheath type A is used, it will be little smaller than 6×7 cm format in width.



## Film Pack Adapter

Film pack used: 2-1/4×3-1/4 inch or 2-1/2×3-1/2 inch, 6.5×9 cm

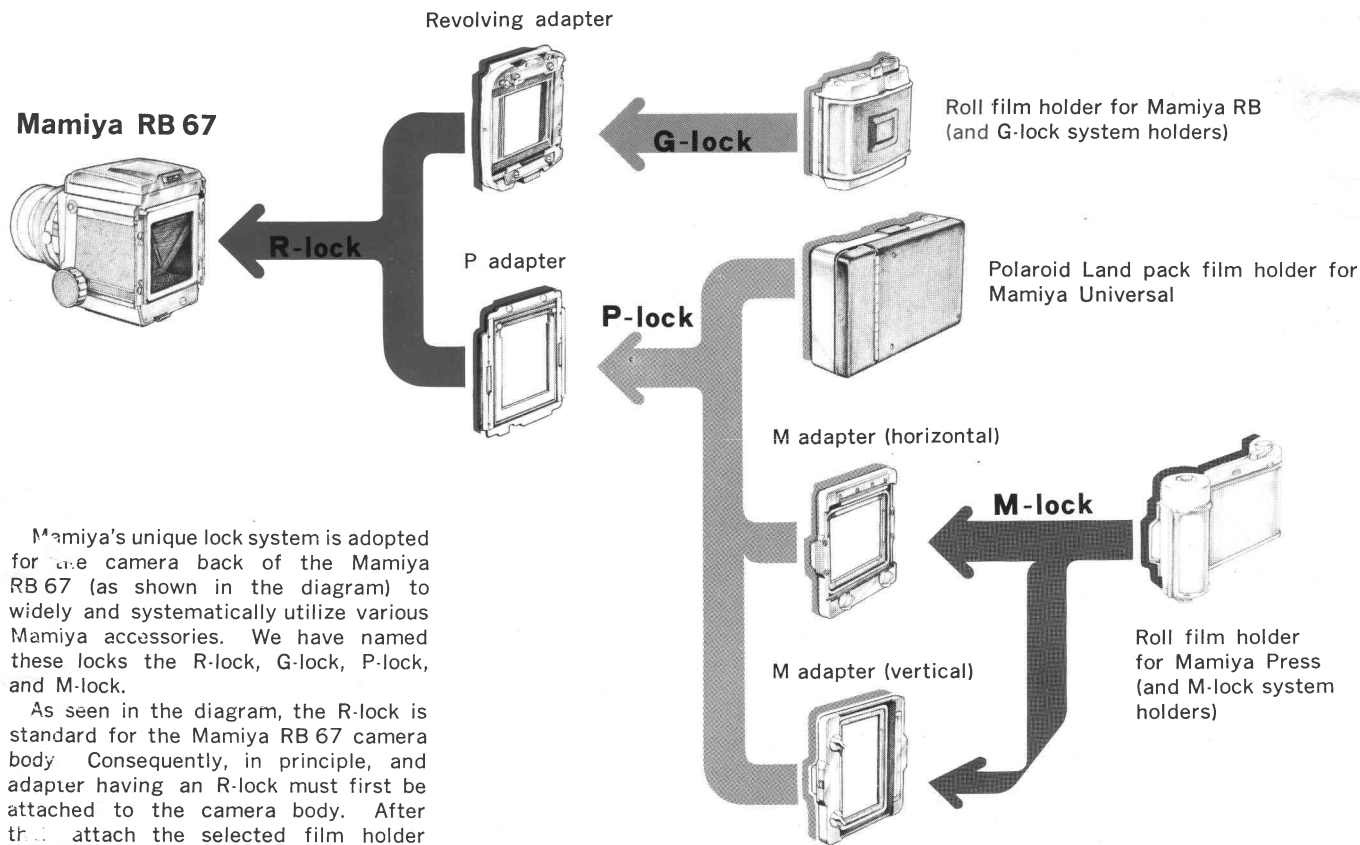
The actual picture size will be a 6×7 cm format.



## Plate Holder Adapter

When this adapter is attached to the back of the camera, the plate holder model 2 for Mamiya C can be used.

# ■ Lock System of the Camera Back

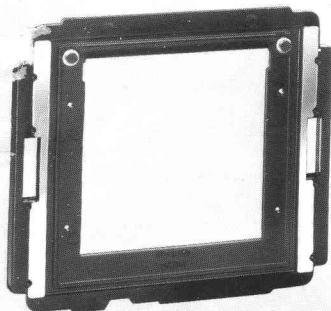


Mamiya's unique lock system is adopted for the camera back of the Mamiya RB 67 (as shown in the diagram) to widely and systematically utilize various Mamiya accessories. We have named these locks the R-lock, G-lock, P-lock, and M-lock.

As seen in the diagram, the R-lock is standard for the Mamiya RB 67 camera body. Consequently, in principle, an adapter having an R-lock must first be attached to the camera body. After that, attach the selected film holder through the adapter indicated on the diagram.

# ■ Adapter for Using Mamiya Accessories

**P Adapter**



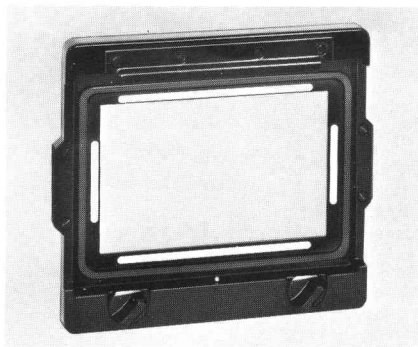
By attaching this adapter on the camera back, the following adapters and holders can be used:

M adapter (Horizontal)

M adapter (Vertical)

Polaroid Land pack film holder for Mamiya Universal camera

**M Adapter (Horizontal)**



**M Adapter (Horizontal) and  
M Adapter (Vertical)**

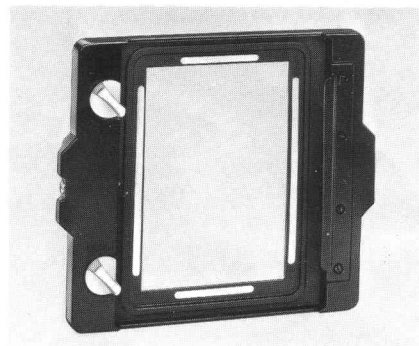
Adding the M adapter to the P adapter permits the use of the following Mamiya Press accessories;

Roll film holder for the Mamiya Press  
Roll film holder model K for the Mamiya Press

Focusing screen holder for the Mamiya Press

The M adapter (Horizontal), the same as the M adapter for the Mamiya Universal camera, is used for photography in the horizontal format. The M adapter (vertical) is used for the vertical format.

**M Adapter (Vertical)**

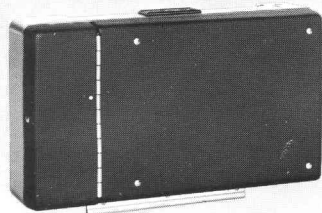


## ■ General Accessories

Various accessories for Mamiya Press Series cameras can be used with the RB 67.

### P-lock System

Polaroid Land pack film holder for Mamiya Universal camera



Load:  
10. Exposure, 3-1/4 x 4-1/4 inch  
Land pack.  
For color picture; Polaroid Polacolor®  
film, type 108.  
For black-and-white picture; Polaroid  
3000 speed film, type 107.

### M-lock System

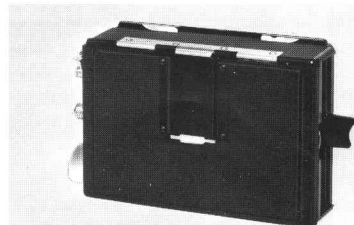
Roll film holder for Mamiya Press



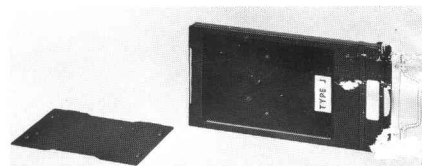
Roll film holder model K for Mamiya Press



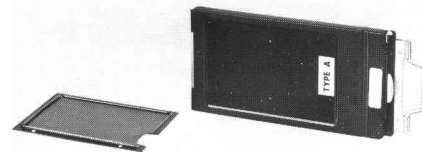
Focusing screen holder for Mamiya Press



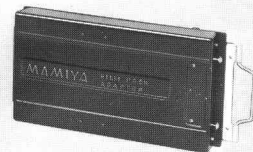
Cut film/plate holder type J for Mamiya Press



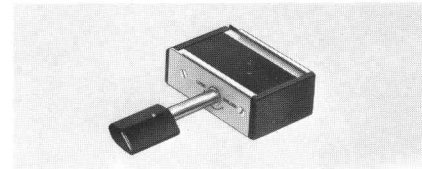
Cut film/plate holder type A for Mamiya Press



Film pack adapter for Mamiya Press



Quick shoe



## Flashgun

Highly efficient, large BC type flashgun—usable with both a screw-base bulb and a bayonet type base bulb—supplies sufficient light for taking pictures under any condition.

## Flashgun Adapter

This adapter allows use of the Mamiya flashgun with an accessory shoe to accommodate a clip-on type flash unit.



## Soft leather case

This is a flexible, soft leather case convenient for lens protection and carrying. It can also be used as a case for the auto extension tube or the Mamiya Press lenses (50mm to 150mm focal lengths).



## Compartment Case

This compartment case accommodates the camera with the 90mm lens and roll film holder as well as housing the 65mm and 127mm lenses. Also the case can hold the camera with the 250mm lens and a roll film holder.

Inner dimensions:

Length: 1 1" (33cm)

Width: 7 1/2" (19cm)

Depth: 6 3/4" (17cm)

Height of top cover: 2 1/2" (5.5cm)



## Aluminum Custom Case

The Mamiya Custom Case is a smartly portable, luggage-type aluminum case.

The Custom Case is designed to accommodate and to easily hand-carry normally required interchangeable lenses and accessories as well as standard equipment. By changing the inserts, the Custom Case conveniently accommodates the Mamiya RB, Mamiya C, or Mamiya Press and related equipment.

The interchangeable inserts, made of sponge rubber, provide effective shock absorption and sufficient protection of the equipment.

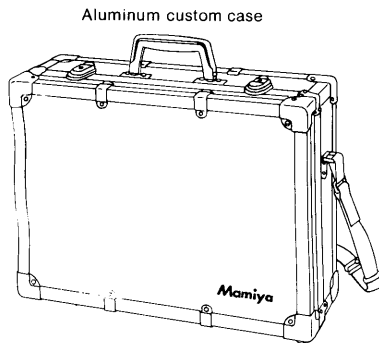
The case measures 18 3/4" x 13 1/2" x 6 3/4" (47 x 35 x 17cm) and weighs 8 lbs, 2 1/2 oz., (3.7kg).



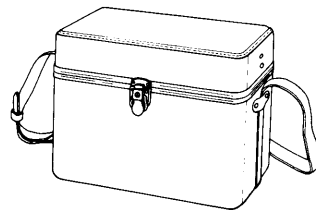
# ■ Mamiya RB67 System Chart



Due to a modification of the product, design and specifications are subject to change without notice.



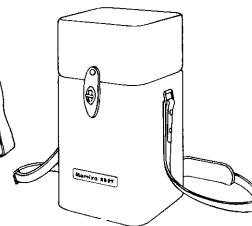
Aluminum custom case



Compartment case



Soft leather case



Carrying case

