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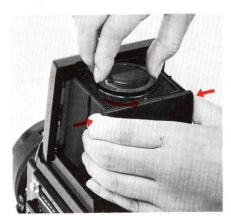
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Focusing Hood

Changing the magnifier

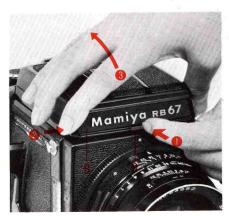


While holding both side panels of the focusing hood to prevent lowering of the magnifier base plate, turn the magnifier counterclockwise, and at the point where the white dot on the magnifier becomes aligned with the white dot on the base plate, remove the magnifier.

After aligning the magnifier white dot with the base plate white dot, mount another magnifier by turning it clockwise.

* In addition to the standard (-1.3) diopter lens, available are +1, 0, -1, -2, and -3 diopter lenses (six in total).

Detaching



While pressing the focusing hood latch (9), slide the nameplate (8) to the right as viewed from the front, and remove the focusing hood while slightly raising its front portion.

Attaching



Insert the two prongs (21) on the back of the hood into the slots on the camera body, and while pressing the hood front portion toward the camera body, return the nameplate to its original position. The latch will pop out and the hood will be locked automatically.

Focusing Screen

R

Revolving Adapter



Five types of easily exchangeable focusing screens are available to meet various photographing applications.

Attaching and detaching

First remove the focusing hood, then take out the focusing screen while holding both sides.

To attach it, hold each side and insert the focusing screen into the top of the camera body and press down lightly.

NOTE:

When the focusing screen has been detached, do not touch the picture format indicating red dot on the side of the camera body.

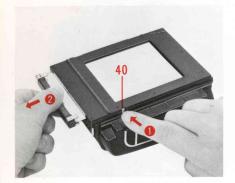


To detach the revolving adapter, pull out and down on the R-lock lever (28) at the bottom of the camera body.

To attach the revolving adapter to the camera body, face the white index dot on the adapter toward the top of the camera body, and fully push the R-lock lever up, while firmly pressing the adapter toward the camera body.

- * When attaching the revolving adapter, press it firmly so that it is attached tightly and never comes loose. If the adapter is attached somewhat loosely, it will cause light leakage.
- * The revolving adapter of the Pro-S is not applicable to the former RB67.
- * Since the revolving adapter for the former RB67 has no interlocking mechanisms (such as a double-exposure preventive device, a horizontal picture format marking device, and a safety device for preventing the shutter from releasing when the dark slide is inserted), do not employ it with the Pro-S body.

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 lock release lever (40) on the bottom of the outer cassette.

Releasing the lens shutter which has been removed from the body



It is advisable to release the shutter when the lens is not to be used for a long period. To release a lens shutter which is removed from the camera body, turn the cocking pins (56) clockwise, while pressing the shutter lock pin (55) with a finger. The cocking pins should be turned all the way; do NOT leave the pins turned only halfway.

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.

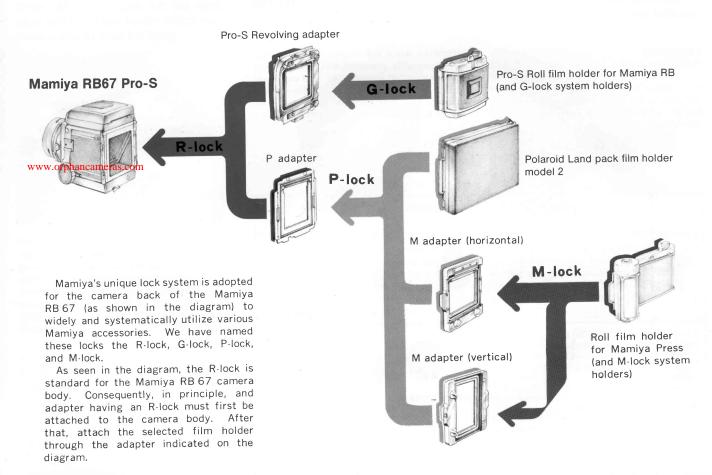
When the lens is installed on the camera while the mirror and the shutter are not set.

Lens installation is possible even if the mirror and/or the shutter are/is not set; however, operation shown in the table must be followed to obtain a normal set condition. In this case, do not pull out the dark slide of the film holder until the camera is set to a normal condition.

However, when the shutter release button is necessarily pressed with the roll film holder attached, as shown in "1" of the table, move the multiexposure lever forward and slightly pull out the dark slide, and then press the shutter release button.

	Mirror condition	Shutter blade condition	Operation
1		Closed	
2		Opened or Closed	

Lock System of the Camera Back (Attaching System)



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

Since the former roll film holder is not equipped with a coupling device for double-exposure prevention, operate it in the same manner as if it were mounted on the former RB67 camera body.

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

Although the coupling device for double-exposure prevention does not function in this case, the film windstop 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.

Use in the same manner as when the roll film holder for the former RB67 is mounted on the Mamiya Universal Press.

When the film wind-stop release lever (42) is moved to the left, a red mark appears on the exposure counter, the wind-stop is released, and the film is ready for winding.

When film holders for the Mamiya Press are used for the Pro-S camera body.

When using these holders, mount each holder on the camera body back through a P-adapter and an M-adapter.

These holders can be handled in the same manner as if they were mounted on the Mamiya Press.

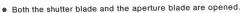
When photographing in a horizontal format, the horizontal format marking lines (red lines) do not appear on the finder. Accordingly, refer to the red lines which appear when the revolving adapter is attached, and mark the format with a piece of tape on the ground glass focusing screen.

When Polaroid Land pack film is used with the Pro-S camera body.

When using the Polaroid Land pack film holder, use a P-adapter to mount it on the camera body back.

Compose the picture through full view of the ground glass focusing screen. In this case, the actual picture size will become approximately $2 \% \times 2 \%$ in $(7 \times 7 \text{cm})$.

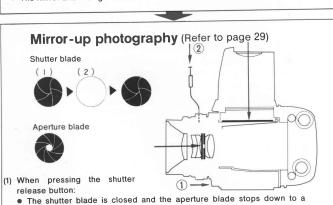
Shutter setting condition Shutter blade Aperture blade



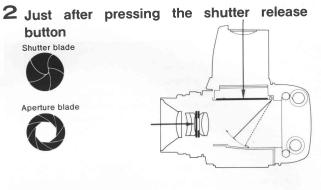
preselected aperture.

 The mirror and the light baffle are raised. (2) When releasing the shutter, using the mirror-up release:

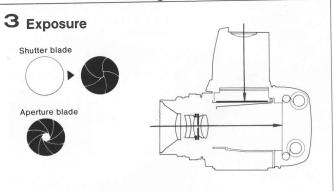
The mirror and the light baffle are lowered to the set position.



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



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



- . 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.

Special Pointers on Using the Mamiya RB67 Pro-S

Various safety interlock devices are provided for the Mamiya RB67 Pro-S to eliminate failures through carelessness. When the shutter is not released, or when the lens or the roll film holder cannot be removed, do not hastily conclude that this indicates a camera malfunction. Ascertain the following conditions. The Instruction Manual pages covering these situation are indicated in parentheses.

- Shutter release button cannot be depressed
- (1) Is the roll film holder loaded with a roll of film and has the film been advanced to the first exposure?

When shutter releasing is desired without loading film, by sliding the multiexposure lever forward and setting the shutter cocking lever and pulling out the dark slide, the shutter can be released. (P.17)

- (2) After the shutter was released during ordinary exposure (not under multiple exposure), did you advance the film? Advance the film with the film advance lever.
- (3) Is the mirror set?
- Set the mirror by pressing down the shutter cocking lever.

 (4) Was the dark slide drawn out?
- (4) Was the dark slide drawn out?

 Draw out the dark slide.
- (5) Is the shutter release button locked? Turn the shutter release lock ring counterclockwise and align it with the white dot. (P.13)
- (6) Is the revolving adapter turned up to the click stop position? Turn the adapter until it stops with a click. (P.15)
- (7) Has the slide lock on the revolving adapter stopped halfway? Move the slide lock up to the position where it stops. (P.16)

Lens cannot be removed

Press down the shutter cocking lever. Set the mirror and the shutter. (P. 13)

 When mounting the film holder, the slide lock cannot be moved

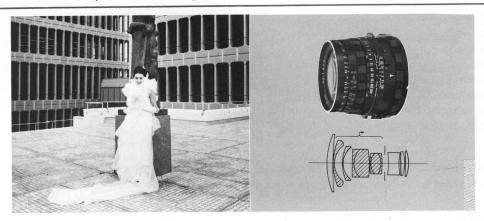
While pressing the slide lock release lever, move the slide lock to the left. (P. 16)

Roll film holder cannot be removed.

After inserting the dark slide, operate the slide lock.

Regarding the mirror release operating knob
 Normally align the knob with the red dot. When it is aligned with the MIRROR-UP index mark, and merely the shutter release button is pressed, the mirror and the light baffle will operate, but no image will be recorded on the film. (P. 29)

☐ Lens (with Seiko # 1 Shutter)



50^m f/4.5

Composition: 11 elements in 8 groups

Picture angle: 82°
Minimum aperture: 32
Filter diameter: 77mm
Hood: Slip-on type

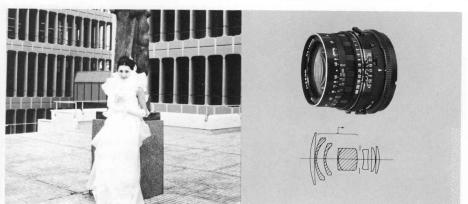
Weight: 32 -7/16 oz (920 g)

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

				Г	istance i	n Meter				
Aperture	00	10	5	4	3	2.5	2	1.5	1.2	1
	6.22	3.87	2.81	2.47	2.06	1.81	1.54	1.23	1.03	0.88
4.5	00	∞	24.04	10.77	5.61	4.06	2.87	1.92	1.45	1.16
	4.96	3.35	2.53	2.25	1.91	1.70	1.46	1.18	0.99	0.85
5.6	00	∞	00	19.23	7.25	4.84	3.23	2.08	1.53	1.21
	3.52	2.63	2.10	1.91	1.66	1.50	1.31	1.08	0.92	0.81
8	- ∞	∞	00	00	17.92	7.97	4.35	2.48	1.73	1.33
	2.51	2.03	1.70	1.58	1.40	1.29	1.15	0.97	0.85	0.75
11	00	00	00	00	00	∞	8.65	3.42	2.13	1.55
	1.79	1.53	1.35	1.27	1.16	1.08	0.98	0.85	0.76	0.68
16	∞	∞	00	00	00	∞	00	7.49	3.17	2.01
	1.28	1.15	1.04	1.00	0.93	0.88	0.82	0.73	0.66	0.60
22	∞	00	00	00	∞	∞	00	∞	10.90	3.57
	0.92	0.85	0.80	0.77	0.73	0.70	0.66	0.61	0.56	0.52
32	000	∞	00	∞	- 00	00	000	00	00	00

	Distance in Feet													
Aperture	∞	30	15	10	8	7	6	5	4	3				
4.5	20′5* ∞	12′ 3 * ∞	8′9* 54′	6 ′ 10″ 19′	5 10° 12′ 9°	5′ 3½° 10′ 4°	4' 8¾" 8' 3"	4' 1½" 6' 5½"	3 5 ° 4 10 ¼	2 8 3 51/4				
5.6	16′3°	10′ 8 * ∞	7′11* ∞	6' 3½" 24' 9"	5′ 5½° 15′ 1 °	5 ' 11' 10"	4′ 5¾° 9′ 2°	3 ' 11" 6' 11½*	3' 3½* 5' 1½*	2' 7¼" 3' 6¾"				
8	11′ 7° ∞	8′ 5½″ ∞	6′8″ ∞	5 ' 6 ' 65 ' 2 °	4' 10½" 24' 2"	4' 5¾" 16' 8"	4 ' ¾' 11' 9 '	3' 7½° 8' 4"	3 ' 3/4" 5 ' 10"	2' 5% 3' 10¼				
11	8' 2½° ∞	6' 6½* ∞	5′5* ∞	4' 7¾° ∞	4' 21/4" ∞	3' 10¾" 39' 10"	3′ 7°- 19′ 10°	3' 2¾" 11' 8	2' 9¾° 7' 2½°	2' 35/8"				
16	5' 10½" ∞	4' 11¾' ∞	4′ 3¾* ∞	3′ 9¾* ∞	3′6° ∞	3′ 3¾* ∞	3 1 ° ∞	2 ' 10" 26' 11"	2 ' 6 " 10' 11"	2' 11/4' 5' 51/2'				
22	4' 2½" ∞	3′ 8¾*	3' 4½° ∞	3' ¾* ∞	2' 10½* ∞	2′9″ ∞	2′7° ∞	2' 4½* ∞	2′ 2½* ∞	1' 10½ 8' 6"				
32	3'1/4"	2' 9½" ∞	2 ′ 7 ° ∞	2' 4½" ∞	2' 3½° ∞	2' 2½*	2′ 1¾8° ∞	2 · ∞	1' 101/8" ∞	1′ 7 5/8′ ∞				



Depth of Field Table

A		Distance in Meter													
Aperture	20	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					
4.3	00	00	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					
3.0	∞	00	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					
0	∞	∞	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					
11	∞	∞	∞	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	00	00	00	00	∞	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					
22	∞	00	∞	00	00	00	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					
32	00	00		- 00	00	-00	- 20	10.8	3 37	2 001					

65^m f/4.5

Composition: 8 elements in 7 groups

Picture angle: 69°
Minimum aperture: 32
Filter diameter: 77 mm
Hood: Slip-on type

Weight: 29-7/16 oz. (835 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.

A			1		Distance	in Fee	t			
Aperture	->	30	15	10	8	7	6	5	4	3.5
	35 4	16 6	10 9	7.11%.	6 8	5 111/2	5 3	4 5 3/4	3.81/4.	3 3 1/4
4.5	200	186	25 2 -	13 6	10	8.21/2.	7 .	5 7 1/2	4 4 1/2	3 9 1/4
	28 2	14 9	10	7 . 7 .	6 5 "	5 9	5 1 "	4 4 1/2	3.71/4	3 2 1/2
5.6	œ	00	30 7 "	14'10"	10 9 "	8.11%.	7 4 "	5 10	4 6 "	3 101/4
8	20 1 "	12 3	8 10"	6 11	5 11"	5 4 1/2"	4 9 1/2	4 ' 2 "	3. 5 3/4	3 1 1/4
0	00	∞	54 8 *	18 8	12 6	10 2 "	8 1 1	6.3 1/2.	4 8 3/4	4' 1/4"
11	14' 4 "	9 11	7 . 7 .	6.1%.	5 4 ½	4"11%"	4.21/4.	3 11	3.31/2	2 111/2"
11	∞	00	00	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 "	5.31/2.	4 ' 9 "	4 5 "	4 1/4	3 7 "	3 1 "	2 9 3/4
10	∞	00	- 00	00	30′8″	19' 1 "	12' 8 "	8.7 1/2"	5 10	4 9
22	7 ' 4 "	6 ' 1 "	5 2 -	4 6 "	4.11/4	3'101/4"	3 6 3/4	3 2 3/4	2 10	2. 7 1/4"
22	00	00	200	00	00	∞	24 10	12 8 -	7 4 "	5 7 1/2"
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 1 *	2.101/4.	2.6 1/2.	2 4 1/2
32	30.	30	30	20	x	200	00	41	11' 8"	7 9

Lens (with Seiko # 1 Shutter)



90^mf/3.8

Composition: 7 elements in 5 groups

Picture angle: 52°
Minimum aperture: 32
Filter diameter: 77mm
Hood: Screw-in type

Weight: 28-6/16 oz. (805 g)

Depth of Field Table

				D	istance	in Mete	r	9		
Aperture	00	10	5	3	2	1.5	1	0.8	0.6	0.5
0.0	24.57	7.17	4.20	2.70	1.87	1.43	0.973	0.784	0.593	0.496
3.8	00	16.60	6.19	3.37	2.15	1.58	1.029	0.816	0.607	0.504
F 0	16.54	6.31	3.90	2.58	1.82	1.40	0.960	0.777	0.590	0.494
5.6	00	24.59	7.01	3.59	2.23	1.62	1.044	0.825	0.611	0.506
ă.	11.73	5.48	3.57	2.44	1.75	1.36	0.945	0.768	0.586	0.492
8	00	63.09	8.43	3.91	2.34	1.67	1.064	0.835	0.615	0.508
	8.33	4.62	3.20	2.27	1.66	1.31	0.924	0.756	0.580	0.489
11	00	00	11.84	4.48	2.52	1.76	1.093	0.851	0.622	0.512
	5.92	3.79	2.79	2.06	1.56	1.25	0.896	0.739	0.572	0.485
16	∞	00	28.05	5.67	2.84	1.89	1.138	0.875	0.632	0.517
00	4.22	3.04	2.37	1.83	1.43	1.17	0.860	0.717	0.561	0.479
22	00	00 -	00	9.12	3.45	2.13	1.208	0.911	0.646	0.524
00	3.02	2.38	1.96	1.59	1.28	1.08	0.814	0.688	0.547	0.470
32	00	- 00		00	5.03	2.60	1.327	0.968	0.668	0.536

					Distance	in Feet	. v			
Aperture	00	30	15	10	7	5	4	3	2	1.5
0.0	80 7	22 1 "	12 9	9 '	6 6 "	4 9 1/4	3'101/4"	2 11	1'113/4"	1 5 %
3.8	00	47 1	18' 2 "	11 3 "	7 . 7 .	5 ' 3 "	4'13/4"	3 3/4	2' 1/4"	1 6 1
F. C	54' 3 "	19 7	11'11"	8 7 "	6131/21	4 8	3 9 ½"	2 103/4	1'115%"	1 5 7
5.6	00	65 4	20 3 "	12	7.101/2	5 5	4 2 3/4	3 1 1/4"	2' ½"	1 6
8	38′ 6 ″	17' 1 "	11"	8.1 1/2"	6' 1/2"	4 6 1/4"	3 8 1/2 *	2 101/4	1 113/8	1 5
8	00	129	23 10 "	13 1 "	8" 3 1/2"	5 7 7	4 ' 4 "	3 2 "	2' 5%"	1 6
11	27 4 "	14 7 "	9 ' 11"	7 6 ½	5 9 *	4 4 1/4"	3" 7 1/4"	2 9 ½"	1'111/8"	1 5
11	00	00	31 7 "	15′ 1 °	9 '	5.10%	4 ' 6 "	3 3 "	2 7/8	1 6
1.0	19' 5 "	12	8.81/2.	6 10	5 4 "	4'13/4"	3. 2 1/2.	2" 8 3/4"	1.10%.	1 5
16	00	00	59' 2"	19 2	10 3 *	6 4	4 9 "	3'41/4'	2 1 3/8	1 6
22	13' 10"	9 8 1/2"	7.5 1/2"	6' ½"	4 103/4	3'101/2"	3 3 ½	2. 7 1/2"	1'103/8"	1 5
22	00	00	00	31 6 "	12 10	7 2	5 2	3'61/4"	2 1 1 1/8	1 6
32	9.10%	7.71/2.	6 2 1/2"	5 3 "	4 4 1/4	3 6 3/4	3' 3/4"	2 6 "	1 9 %	1'5
32	00	00	∞	00	20	8 9 1/2	5 11	3 9 34	2 2 7/8"	1



127^mf/3.8

Composition: 5 elements in 3 groups

Picture angle: 38°

Minimum aperture: 32

Filter diameter: 77mm

Hood: Screw-in type

Weight: 26-7/16 oz. (750 g)

Depth of Field Table

Aperture				Í	Distance	in Mete	r			
Aperture	00	10	5	3	2	1.5	1	0.8	0.7	0.65
3.8	47.96 ∞	8.33 12.53	4.56 5.54	2.84	1.93	1.47	0.987	0.793	0.695 0.704	0.646
4	45.57 ∞	8.26 12.70	4.54 5.57	2.84	1.93	1.46	0.986	0.793	0.695 0.705	0.646
5.6	32.26 ∞	7.70 14.30	4.37 5.84	2.77 3.27	1.90	1.45	0.981	0.790	0.693	0.645
8	22.84 ∞	7.03 17.42	4.16 6.29	2.69 3.39	1.87 2.16	1.43	0.973	0.786 0.815	0.690 0.710	0.643
11	16.19 ∞	6.27 25.24	3.89 7.04	2.58 3.59	1.82	1.40 1.61	0.963 1.04	0.780 0.822	0.687 0.714	0.640
16	11.48 ∞	5.44 69.73	3.56 8.50	2.44 3.91	1.75 2.34	1.37 1.67	0.948 1.06	0.772 0.831	0.681 0.720	0.635
22	8.16	4.59 ∞	3.19 12.04	2.27 4.49	1.67 2.52	1.32 1.75	0.929 1.09	0.761 0.845	0.674 0.729	0.630
32	5.80	3.76 ∞	2.78 29.80	2.06 5.69	1.56 2.83	1.26 1.88	0.903 1.126	0.746 0.865	0.664 0.742	0.622

A					Distance	e in Fee	t			
Aperture	00	30	15	10	7	5	4	3	2.5	2.25
3.8	157	25 4 "	13 9 "	9. 5 1/2"	6 9	4 101/2"	3.11%.	3 ' 0 "	2. 5 3/4.	2. 2 1/8
3.8	∞	36 9 "	16 5	10 0	7 3 *	5'11/2"	4' 34"	3' 1/2"	2 61/4	2 3 1/8
4	149	25 2 -	13 8 -	9 5 "	6 9	4 101/2"	3 11"	2'111/2"	2 5 34	2' 2 1/8
4	∞	37 2	16 6	10 7	7:31/2	5 1 1/2"	4 1 1	3. 1/2"	2'61/4	2 3 1/8
5.6	106	23 7	13 3 "	9 8 "	6.71/2.	4 10"	3.1034.	2'111/2'	2. 5 1/2.	2 2 3/4
3.0	00	41 4 "	17 3 "	10.11.	7 5 "	5 2 *	4 1 1/4	3. 1/2.	2.61/4	2.31/4
8	74 11	21 8 "	12 8	8 11½	6 6 "	4 9 "	3.101/4.	2 11	2. 5 1/2	2 2 %
0	00	49' 0 "	18 5	11 4	7 7 "	5 3	4 1 3/4	3 1	2.61/2	2 3 3/8
11	53 1 "	19 5 "	11111	8 7	6 3 1/2	4 ' 8 "	3 9 1/2	2 11	2 5 1/4"	2 2 1/2
11	00	66 8 "	20′4″	12 0	7.101/2	5 4 1/2"	4 2 3/4	3.11/4"	2 6 3/4	2 3 1/2
16	37 8 "	17 0	11 0 "	8 1	6 1 "	4 6 1/2	3 8 3/4	2'101/2"	2 5	2 2 1/4
10	∞	137	23 11	13 1	8 3 1/2"	5 7	4 ' 4 '	3' 1 3/4"	2 7 7	2 3 3/4
22	26 9 *	14 5 "	9 10"	7 6 *	5 9 -	4'41/2"	3. 7 1/2.	2 9 3/4"	2' 4 5%	2 2
22	∞	- 00	31 11	15 1	9 0	5 10	4 5 3/4	3 2 ½ "	2. 7 1/2	2 4 1/8
32	19' 0 "	11.11.	8.71/2.	6 10	5 4 1/2	4 2 "	3 6	2 9 -	2 4 1/8	2 1 5%
02	00	00	61 3	19 3	10 2	6 3 1/2"	4 8 1/2	3 3 34	2 8 1/4	2 4 1/2

Lens (with Seiko # 1 Shutter)



180°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

				Di	stance in	Meter				
Aperture	∞	30	15	10	7	5	3	2	1.5	1.2
4.5	80.18 ∞	21.94 47.55	12.71 18.32	8.94 11.34	6.48 7.62	4.74 5.30	2.91 3.10	1.96 2.04	1.48 1.52	1.19
5.6	63.82 ∞	20.53	12.23 19.43	8.71 11.75	6.36 7.79	4.67 5.38	2.89 3.12	1.96	1.48	1.19
8	45.18 ∞	18.16 87.53	11.36 22.14	8.27 12.68	6.12 8.18	4.55 5.55	2.85 3.17	1.94 2.07	1.47 1.53	1.18
11	32.00 ∞	15.62 ∞	10.33 27.62	7.72 14.26	5.82 8.80	4.39 5.82	2.79 3.25	1.91 2.10	1.46 1.55	1.18
16	22.68 ∞	13.05 ∞	9.16 42.59	7.06 17.35	5.45 9.85	4.18 6.25	2.71 3.37	1.88 2.14	1.44 1.57	1.17
22	16.09 ∞	10.60 ∞	7.90 ∞	6.30 25.08	4.99 11.88	3.91 6.98	2.60 3.56	1.83 2.20	1.42 1.60	1.15
32	11.43 ∞	8.39 ∞	6.62 ∞	5.47 68.63	4.47 16.80	3.60 8.37	2.47 3.86	1.77	1.38	1.14
45	8.13	6.49	5.40 ∞	4.62 ∞	3.90 41.26	3.23 11.71	2.30	1.70	1.34	1.11

				1	Distance	in Feet				
Aperture	00	100	50	30	20	15	10	7	5	4
4.5	263′ 0*	72' 10"	42′ 3″	27′ 1°	18′ 8″	14' 3"	9' 8½"	6′ 10½°	4' 11½'	3' 11½
	∞	160' 0"	61′ 3″	33′ 7°	21′ 6″	15' 10"	10' 4"	7′ 1½°	5' ½"	4' ½"
5.6	209′ 0″	68' 1"	40′ 8″	26′ 5″	18′ 5″	14' 1"	9' 7½"	6' 10"	4′ 11*	3' 11½
	∞	189' 0"	65′ 1″	34′ 8″	21′ 11″	16' 0"	10' 5"	7' 2"	5′ 1*	4' ½'
8	148′ 0°	60′ 2″	37' 9"	25' 2"	17' 10"	13′ 9″	9′ 5½″	6′ 9″	4' 10¾"	3' 11½
	∞	301′ 0″	74' 5"	37' 2"	22' 10"	16′ 6″	10′ 7″	7′ 3″	5' 1½"	4' ¾'
11	105′ 0″	51′ 8″	34' 3"	23' 8"	17′ 0″	13' 4"	9' 3½"	6' 8"	4′ 10¼°	3′ 11″
	∞	∞	93' 5"	41' 2"	24′ 3″	17' 2"	10' 10"	7' 4½"	5′ 2°	4′ 1″
16	74′ 5°	43′ 1″	30′ 4″	21' 9"	16' 1"	12' 9"	9' 0"	6' 6½"	4' 9½"	3 10½
	∞	∞	146′ 0″	48' 10"	26' 8"	18' 4"	11' 3"	7' 6½"	5' 3"	4 1½
22	52′ 9″	34′ 11″	26° 2"	19' 7"	14′ 10″	12' 0"	8′ 8″	6' 4½"	4' 8½"	3' 10'
	∞	∞	∞	-66' 2"	30′ 11″	20' 2"	11′ 11″	7' 9½"	5' 4"	4' 2½'
32	37′ 6*	27′ 8°	21′ 10°	17' 1'	13′ 5″	11′ 1°	8' 2½"	6' 1½"	4' 7½"	3' 91/4'
	∞	∞	∞	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° 69′ 11°	10′0° 31′1°	7' 71/2" 14' 9"	5' 10" 8' 9½"	4' 5½" 5' 8½"	3' 81/4





250 f/4.5

Composition: 5 elements in 4 groups

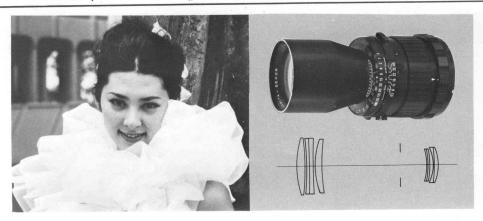
Picture angle: 20° Minimum aperture: 45 Filter diameter: 77 mm Hood: Screw in type Weight: 36 oz (1020 g)

Depth of Field Table

Aperture				1	Distance	in Mete	r			
Aperture	00	50	30	20	15	10	7	5	3	2
4.5	155 ∞	37.9 73.5	25.2 37.0	17.8 22.9	13.7 16.5	9.44 10.6	6.73 7.30	4.87 5.14	2.96	1.98
5.6	123 ∞	35.7 83.6	24.2 39.4	17.3 23.7	13.4 17.0	9.30 10.8	6.66 7.38	4.83 5.18	2.95 3.06	1.98
8	87.1 ∞	32.0 116	22.5 45.3	16.4 25.7	12.9 18.0	9.04 11.2	6.53 7.54	4.77 5.26	2.92 3.08	1.97
11	61.6	27.8 257	20.3 57.5	15.2 29.2	12.2 19.6	8.69 11.8	6.36 7.80	4.68 5.37	2.89 3.11	1.96
16	43.7 ∞	23.5	18.0 93.1	13.9 36.1	11.3 22.4	8.25 12.7	6.12 8.19	4.56 5.55	2.85 3.16	1.94
22	30.9	19.3 ~	15.4	12.3 54.4	10.3 28.2	7.70 14.4	5.82 8.81	4.40 5.81	2.80 3.24	1.92
32	22.0 ∞	15.4 ∞	12.9	10.7 195	9.09 44.7	7.03 17.6	5.45 9.88	4.19 6.23	2.72 3.35	1.89
45	15.6	12.0	10.4	8.95	7.84	6.28 25.8	5.00 11.9	3.93 6.96	2.62 3.52	1.85

Aperture		Distance in Feet											
	00	200	100	50	30	20	15	10	7				
4.5	507	144	83 10	45 9	28 5	19 4	14' 8"	9 '10"	6'111/2				
	00	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				
	00	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 "	6'101/2				
0	00	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' 71/2"	6 10				
11	00	00	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				
10	00	00	321	75 3	37 3	22 10	16 5	10 7	7 3				
22	102	67 11	51	34 1 "	23 7 "	17" 1 "	13 4	9 3 1/2	6 8 1/2				
	00	00	00	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				
	00	∞ ∞	00	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				
40	00	00	00	00	67 6 "	30 11 "	20 1 "	11 9 "	7 8 1/2				

☐ Lens (with Seiko # 1 Shutter)



360 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

	Distance in Meter										
Aperture	00	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	
	00	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	
	00	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	
00	64.00	39.28	28,34	20.66	15.44	12.32	8.78	6.41	4.71	3.83	
22	∞	∞	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	4.2	
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	

	Distance in Feet									
Aperture	00	700	500	200	100	70	50	30	20	15
	751	363′	301	159'	88' 7"	64'4"	47' 1"	29'	19'7"	14'9"
6.3	∞	∞	1484	271	115'	76′10°	53′4″	31′1″	20′5"	15′3*
	592	322	272'	150'	86'	62'11"	46' 4"	28'9"	19'6"	14'9"
8	∞	00	3172	300′	120′	78' 11"	54' 3"	31′5*	20′ 7″	15′4°
	419'	263	229'	136	81'3"	60'5"	45'	28' 3"	19'3"	14'7"
11	∞	∞	∞	379'	130′	83′ 4*	56′3°	32′	20′10″	15′5"
	296'	209'	187	120′	75′5*	57' 2"	43′3*	27' 7"	18'11"	14'5"
16	∞	00	∞	602'	149'	90′5*	59′5″	33′	21' 2"	15'7"
	210'	162	149'	103'	68'6"	53′ 2*	40′11"	26'8"	18'7"	14'3"
22	∞	∞	∞	∞	187	103'	64′5″	34′5″	21'9"	15′ 10′
••	149'	123′	115'	86′2"	60'8"	48′5"	38′1″	25'6"	18'	13' 11'
32	∞	∞	∞	∞	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"
45	∞	∞	∞	∞	∞	196'	90'11"	40′4"	23'9"	16'10

Accessories

Filters

Filters of 77mm diameter can be commonly used for all lenses.

Nine different filters are available — SY48 (Y2), SO56(O2), SL39(UV), YG, ND16, PL (Polarizing), SL-1B (Skylight), 81C, and 82C.

ND16 (Neutral Density)

This filter reduces the quantity of light evenly to 1/16 over the entire wavelength range (equivalent to step 4 in shutter speed or aperture). When employed with Polaroid Land pack film (Type 107 black-and-white film, speed 3000), it is possible to reduce the quantity of light for photography under intense light and wide-open lens photography.

PL (Polarizing Filter)

The PL filter eliminates light reflections on water and/or glass surfaces, rendering 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 a blue sky.

81C

Used with daylight color films. When shooting under cloudy or somewhat bright, rainy weather conditions, pictures are rendered bluish; however, color can be reproduced on film naturally with this filter.

82C

Used with daylight color films. When shooting under morning or evening light, this filter eliminates the reddish tinge and reproduces colors naturally.

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.

Lens Hoods





50mm f/4.5 lens Common use	Slip-on type 80mm ¢
90mm f/3.8 lens	
127 mm f/3.8 lens Common use	e Screw-in type
180mm f/4.5 lens	77mm ø
250mm f/4.5 lens	77111111
360mm f/6.3 lens Exclusive us	e

Bellows Lens Hood G-3



The Bellows Lens Hood can be used with lenses of focal length from 65mm to 360mm for the Mamiya RB67. This bellows lens hood provides highly efficient protection against extraneous light. This bellows lens hood among others, features innovative functions so that it can be used with zoom lens. Additionally, since it has insering slots for square filter and vigneting mask, more versatile photography is possible.

Not usable with the following lenses.
 37mm, 50mm and 500mm lenses.

Sun Shield

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

Auto Extension Tubes





There are two types of auto extension tubes available (No. 1 and No. 2) both of which couple to the automatic diaphragm 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 90mm f/3.8 lens, or an extension tube No. 2 and a 127mm f/3.8 lens.

• 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

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

Description	Specification	Application
Pro-S No. 1 Matte	Entirely matted with Fresnel lens.	For general photography.
No. 2 Checker	Entirely matted with Fresnel lens and sectional grid markings	Grid markings are added to the No. 1 Matte. Convenient in arranging composition. Most suitable for close-ups, copying, and photographing buildings.
No. 3 Range- finder spot	Entirely matted with Fresnel lens and split prism at center	For general photography. Convenient for quick, accurate focusing with the central split prism. Focusing can also be done in the surrounding matte area.
No. 4 Micro- prism	Entirely matted with Fresnel lens and microprism at center.	For general photography. Convenient for quick focusing with the central microprism. Focusing can also be done in the surrounding matte area.
No. 5 Cross- hair	Entirely matted. Center small circular portion is transparent with cross hairs marker	For special photography. Suitable for high magnification close-up or telephoto photography, using parallax focusing.
No. 6 Range- finder spot 45°/ Micro- prism	Entirely matted with Fresnel lens and diagonal split prism at center and microprism surrounding the center.	For general photography. Convenient for quick, accurate focusing with either the central split prism or a doughnut-shaped microprism. The diagonal split prism permits easy focusing for both lateral and vertical lines of subject. Focusing can also be done in the surrounding matte area.

Viewfinders

PD Magnifing Hood



The PD Magnifying Hood RB is a manualexposure magnifying hood which incorporates a IC-controlled electronic control circuit.

- 1. TTL spot metering in full-aperture metering with light receptor on prism side equipped with built-in Beam Splitter.
- 2. Visual display employing LEDs. Green LED indicates correct exposure.

Overexposures and underexposures are also indicated in the ranges of more than 1 EV, +0.25 EV to +1 EV, -0.25 EV to -1 EV and less than -1 EV. Thus, various exposures suited for various purposes can be obtained.

Prism Finder



Through this prism finder, the image on the ground glass focusing screen appears exactly as the photographer sees the subject. It is indeed an indispensable accessory for taking eye-level photos. Since the viewing angle is rated at 30°, looking into the finder is facilitated with the camera mounted on a tripod.

Finder magnification: 2.2X

Eye correction lens interchangeable:

+3 to -4 diopter

• PD Prism Finder



This PD Prism Finder incorporates a zeromethod exposure metering system, contains a built-in Silicon Photo Diode metering system, and displays a bright, unreversed, laterally correct image.

Instant switching from averaging to spot metering is possible.

Viewfinder readout consists of green, orange and red LED's which indicate correct exposure and the type of metering system (averaging or spot) in use.

Overexposures and underexposures are also indicated in the ranges of more than 1 EV, +2.5 EV to +1 EV, -0.25 EV to -1 EV and less than -1 EV. Thus, various exposures suited for various purposes can be obtained.

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 and races. You can focus on the focusing screen with the sportsfinder attached to the camera.

This finder is commonly applicable to all lenses.

Hand Grips

• Diopter Correction Lenses



Diopter Lens

(Exclusively for single-action focusing hood) In addition to the magnifier (-1.3 diopter) mounted on the focusing hood as standard equipment, available are +1, 0, -1, -2, and -3 diopters (totaling six types).



Eye Correction Lens

(for prism finder/CdS prism finder) Mounted on the eyepiece of a prism finder, visibility is corrected by this lens. Available are +3, +2, +1, -0.5, -1, -2, -3, and -4 diopters (eight types).

Grip Holder

(For Mamiya RB and C330)



This grip holder is a very convenient accessory for handholding 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.

Pistol Grip Model II

(For Mamiya RB and C330)



A trigger-type shutter release button is interlocked with the camera. By replacing the changeable base plate, an optional flashgun bracket may be attached. When a subgrip is mounted instead of the flashgun bracket, further stabilized eye-level photography becomes possible.

Multi-angle Grip

(For Mamiya RB and C330)



The grip mounting angle can be freely turned by single action; when one's finger is removed, the grip is secured after each 20-degree turn.

A trigger-type design is adopted for this grip, interlocked with the camera shutter release button. It is equipped with a lock device so that the shutter release button cannot be depressed inadvertently.

The accessory shoe on the grip can be freely in turned either direction and secured.

Focusing Knob Adapter



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

Quick-shoe Model 2



A two piece set in which one piece is attached to the camera and the other to the tripod. When this is done, the camera can instantly be mounted to, or removed from, a tripod without the need to fumble with screws.

Flashgun Adapter



Film Holder G-lock System

Roll Film Holder



The film advance lever advances in one stroke (it can also be wound in several short, definite strokes). The film counter is an automatic resetting type. Specifications of respective roll film holders are as follows:

Туре	Film Used	No. of exposures	Picture size	Double-exposure prevention
Pro-S 120 roll film holder	120	10	6 × 7cm	With preventive device
Pro-S 220 roll film holder	220	20	6 × 7cm	With preventive device
70mm film holder	70mm	55	6 × 7cm	With preventive device
6 × 7 Power Drive Roll Film Holder	120/220	10/20	6 × 7cm	With preventive prevention
6 × 8 Power Drive Roll Film Holder	120/220	9/18	6 × 8cm	With preventive prevention
120 roll film holder 6 × 4.5	120	16	6 × 4.5cm	With warning device

• 70mm Film Holder

By employing 70mm-long perforated film contained in a film cassette, proficient photography is possible with this holder. By supplying from a 100-ft. length of film, loading in a cassette is also possible. No. of exposures: 55 exposures (Exposure counter graduated up to 65.) This holder is also equipped with a double-exposure preventive device; other specifications are the same as the Pro-S roll film holder.

●120/220 Roll Film Power Drive and Power Drive Control Pack



The 120/220 Roll Film Power Drive was designed for use with the Mamiya RB67 and RB67 Pro S cameras in conjunction with the Power Drive Control Pack, which is available separately. This Power Drive advances the film automatically when the shutter cocking lever is operated. And both 120 and 220 film can be used.

Power source is six AA-size 1.5V alkaline or manganese batteries. Winding time is approximately 0.8 second per frame.

Double Cut Film/Plate Holder



There are two types of double cut film/plate holders—type A and type J—both allowing two exposures.

Cut film used:

2-1/2 \times 3-1/2 inch, (6.5 \times 9cm); can be used for both types of holders.

Dry plate used:

 $2-1/2 \times 3-1/2$ inch, (6.5 \times 9cm); can be used for both types of holders.

When type J holder and its sheath are used:

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

When type A holder and its sheath are used:

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

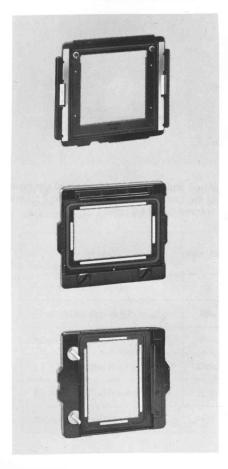
In any of the above four instances, the pictures size will be a $6\times7cm$ format. However, when film sheath type A is used, its width be a little smaller than the $6\times7cm$ format.

Plate Holder Adapter



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





P-Adapter

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

- M-adapter (Horizontal)
- M-adapter (Vertical)
- Polaroid Land pack film holder (for Mamiya RB and Mamiya Universal Press cameras)

M-Adapter (Horizontal)

Adding this M-adapter to the P-adapter permits using Mamiya Press film holders (M-lock system), when taking horizontal format pictures.

This M-adapter is the same as the adapter for the Mamiya Universal Press.

M-Adapter (Vertical)

Adding this M-adapter to the P-adapter permits using Mamiya Press film holders (M-lock system), when taking vertical format pictures.

This adapter is for exclusive use with the Mamiya RB67.

P-lock System (Used with P-adapter)

Polaroid Land Pack Film Holder Model 2



This film holder is used when taking pictures with Polaroid Land pack films, including Type 108 color film, Type 107 black and white film, and Type 105 positive/negative film.

Each pack produces eight prints, 31/4 × 4 1/4 in. (8.5 \times 10.5cm). Type 105 film produces a usable negative in addition to the positive print.

When photographing with the Mamiya RB67, the actual picture size is approx. 2-3/4 × 2-3/4 in. $(7 \times 7$ cm).

This holder also can be used for the Mamiya Universal Press.

M-lock System (Used with P-adapter and M-adapter)

Roll film holder for Mamiya Press



Roll film holder model K for Mamiya Press



Focusing screen holder for Mamiya Press

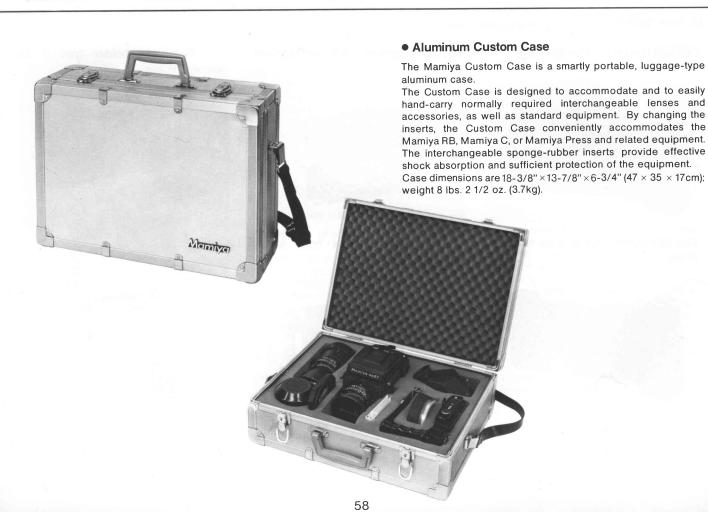


Cut film/plate holder type A for Mamiya Press



Cut film/plate holder type J for Mamiya Press









Soft Lens Case

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

Compartment Case

In addition to the Camera and Standard Lens set, this convenient, heavy-duty camera case holds interchangeable lenses and carmera accessories in separate compartments. Panels inside the Case may be rearranged freely for accomodating various items. Accessory wrapping cloth for protection of the camera body and lenses are also provided. Inside Dimensions: