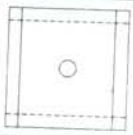
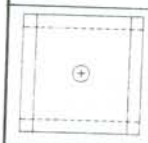
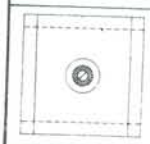
Focusing Screen for Mamiya RB

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

Description	Specification	Application
 No. 1 Matte	Entirely matted with Fresnel lens. (Pro-S No. 1 Matte has two vertical dotted lines and no horizontal lines)	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.

Generally, in proportion to higher focusing precision, images cannot be clearly observed due to shadows on the central prism portion when light quantity entering the lens is reduced (when f-value of the lens is comparatively large). Even in this case, when observing the prism portion from the optical axis through a finder which is easy to set the eye position (such as a Prism Finder), the shadow can be decreased. When the prism portion is dark, focus by using the matted area around the prism.

How to focus when using No. 5 Cross-hair

Focusing can be done by using a magnifier of more than 10 magnification, turning the focusing knob until the subject does not move against the cross-hairs when moving the eye to the right and left after setting the magnifier focus on the cross-hairs.

Precautions on Handling Focusing Screens

These focusing screens are made of acrylic resin. Since their surfaces are soft and easily damaged, handle them carefully by avoiding fingerprints and dust adhered to their surfaces.

Should dust collect on the surface, rather than wiping it off with a cloth (this only generates more dust-collecting static electricity), use a lens blower to remove dust.

Should fingerprints or other marks adhere, gently (never roughly) wipe the focusing screen with a clean cloth moistened with ether or benzine, applied softly to the dirty area. Never use thinner, ketone, or other chemicals.

Mamiya
CAMERA CO., LTD.

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