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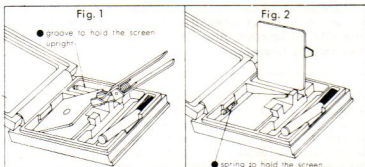
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# FOCUSING SCREEN

The OM System interchangeable focusing screens are available in 13 types. The type 1-1 comes equipped with the camera body as the standard type focusing screen for general photography. You can select the most appropriate screen to meet your photographic purposes, subject's conditions and other OM System units attached to the camera.

- To remove the focusing screen:
  - a) After detaching the lens from the camera body, insert the supplied special tool into the camera and push on the release catch underneath the top ledge of the mirror box towards you. This allows the screen and screen frame to drop down.
  - b) The screen can be made to drop completely down without touching it. Remove the screen from inside the camera by gripping the tipped portion between the tool's jaws.
- To install the screen, fit it in the frame and push the frame upward gently until it clicks into place. Gently shake the camera body to make sure the screen is held securely in place.



- Handling the special tool
 

The tab of the screen is gripped firmly by the tool as shown in Fig. 1. The groove is convenient to hold the removed screen upright to prevent its surface from getting marred (Fig. 2). (To take the tool readily out of the case, depress the jaw to lift the handle and pick it up.)

- \* When storing the 1-9 in the case, put it with the convex surface facing upward to prevent it from getting scratched.
- \* The screen must be handled with great care. Marring the screen and mirror with fingerprints and smudge, and wiping with solvent should be avoided absolutely. Wipe off dust lightly with the supplied brush.

## ● INTERCHANGEABLE LENSES

TYPE		1	1-1	2	3	1-4	1-5	1-6	1-7	1-8	1-9	1-10	1-11	1-12	1-13	
LENSES																
STANDARD	8mmF2.8															
	16mmF3.5		*													
	MC 18mmF3.5		*													
WIDE	21mmF3.5		*													
	MC 24mmF2		*													
	24mmF2.8		*													
WIDE	MC 28mmF2		*													
	28mmF3.5		*													
	MC 35mmF2		*													
WIDE	35mmF2.8		*													
	SHIFT 35mmF2.8	*	*	*												*
	55mmF1.2															
STANDARD	50mmF1.4															
	50mmF1.8															
	MACRO 50mmF3.5															
ZOOM	75-150mmF4															
	85mmF2															
	100mmF2.8															
TELEPHOTO	135mmF2.8															
	135mmF3.5															
	200mmF4															
TELEPHOTO	200mmF5															
	300mmF4.5															
	400mmF6.3	*		*												*
TELEPHOTO	600mmF6.5	*		*												*
	1000mmF11	*	*	*												*
	MACRO 20mmF3.5	*	*	*	*							*				*
MACRO	38mmF3.5	*	*	*	*											*
	TT MACRO 80mmF4	*	*	*	*											*
	PHOTO MICROGRAPHY															
ASTRO PHOTOGRAPHY																
ENDO SCOPIIC PHOTOGRAPHY																

Compatible: The meter needle gives correct light readings. In combination marked with \* , micro-prism, split-image prism and edges of finder darken.

Compatible: Provides a brighter finder image and easy focusing. The built-in exposure meter of the OM-1 and OM-2 (on MANUAL) cannot be used. On AUTO, the OM-2 makes correct exposures but the meter needle does not give correct shutter speeds.

In Combination Chart affixed to the case:  
 a) BEST (TTL OK) corresponds to above, b) GOOD (TTL OK) to , and c) BEST (TTL NO) to



FORM	TYPE	FEATURES
	<b>1 - 1</b> <b>Microprism-matte type</b> (for most lenses)	Standard type focusing screen, suitable for general photography. Fast and accurate focusing is done on the central microprism spot as well as on the surrounding matte area. The subject is in focus when the jagged pattern of the microprism spot disappears and the spot becomes crisp and clear. When a lens with a maximum speed of F5.6 or slower is used, the microprism darkens and the focusing must be made on the matte area. The meter needle gives correct light readings.
	<b>1 - 2</b> <b>Microprism-matte type</b> (for standard & telephoto lenses)	Suitable for general photography in conjunction with a standard or telephoto lens. Focusing is done on the microprism spot as well as on the matte area. When a lens with a maximum speed of F8 or slower is used, the microprism spot gets dark - in this case, make use of the matte area which is ground comparatively rough for easy focusing. The meter needle gives correct light readings.
	<b>1 - 3</b> <b>Split image-matte type</b> (for most lenses)	Suitable for general photography ensuring critical focusing, and ideal for photographers who prefer the split-field and coincidence type focusing - particularly advantageous when taking a subject with vertical lines, in which focusing is done easily by aligning the split lines. When a lens with a maximum speed of F5.6 or slower is used, the split prism darkens. The meter needle gives correct light readings.
	<b>1 - 4</b> <b>All matte type</b> (for most lenses)	Suitable for general photography and ideal for photographers who prefer a clear-cut view field free from microprism or split prism and for those who are accustomed to focus using matte area. Also suitable for super telephotography as well as close-up photography in conjunction with macro lenses and Auto Bellows. For easy focusing the matte surface is ground rough. The meter needle gives correct light readings.
	<b>1 - 5</b> <b>Microprism-clear field type</b> (for wide angle & standard lenses)	This transparent screen provides an exceptionally bright finder image. Highly suitable for snapshots using wide angle lenses. The subject is in focus when the microprism becomes crisp and clear. The lack of a matte surface means, depth-of-field effects cannot be ascertained. The meter needle does not give correct light readings, because its movement varies depending on the lenses used.
	<b>1 - 6</b> <b>Microprism-clear field type</b> (for standard & telephoto lenses)	This screen is compatible with standard and telephoto lenses and provides an extremely bright finder image. Focusing is done on the microprism spot. The lack of a matte surface means, depth-of-field effects cannot be ascertained. The meter needle does not give correct light readings.
	<b>1 - 7</b> <b>Microprism-clear field type</b> (for super telephoto lenses)	Developed primarily for use with super telephoto lenses, this clear field screen provides an extremely bright finder image. The microprism spot remains bright even with a lens whose maximum speed is F11, so that this screen is ideal for use with super telephoto lenses with slow lens speed. The lack of a matte surface means, depth-of-field effects cannot be ascertained and the meter needle does not give correct light readings.
	<b>1 - 8</b> <b>All matte type</b> (for telephoto lenses & astronomical telescopes)	This screen is ideal for use with super telephoto lenses of 300mm or more in focal length, or for astrophotography. The extreme fineness of the matte surface permits outstanding field definition. More accurate focusing may be achieved by the use of the Varimagni Finder. When used with astronomical telescopes, bright images of celestial bodies are obtained both in direct objective and indirect magnified astrophotography. The meter needle gives correct light readings.
	<b>1 - 9</b> <b>Clear field type</b> (for endoscopic photography)	Designed especially for use with Olympus fiberoptic endoscopes. The transparent condenser type screen, with a central 23-mm diam. convex surface and no surrounding fresnel lens, requires no focusing when the OM-1 is attached to the fiberscope by means of the OM Endoscope Adapter. Auto-exposure is made by Olympus light supply linked to the fiberscope.
	<b>1 - 10</b> <b>Checker-matte type</b> (for shift lens)	This screen was specially designed for use with the Zuiko Shift Lens. The reticule engraved on the all-matte ground screen (the same as on the 1-4) is used for vertical and horizontal picture alignment in architectural and composite panoramic photography. The screen is also suitable for general photography, super-telephotography, and close-up/macrophotography in conjunction with the macro lenses and auto bellows. The meter needle gives correct light readings.
	<b>1 - 11</b> <b>Cross hairs-matte type</b> (for close-up & macrophotography)	This screen has a cross hairs spot surrounded by a finely ground matte area and is highly advantageous for close-up and macrophotography in conjunction with Auto Bellows and extension tubes. For focusing in low magnification close-up photography, use the matte area, and in greater than life size macrophotography use the double cross hairs in the same way as with the 1-12 focusing screen. The meter needle gives correct light readings, but depending on the conditions of the specimen, the reading must be compensated for (e.g., black dots against white background).
	<b>1 - 12</b> <b>Cross hairs-clear field type</b> (for photomicrography & greater than life size macrophotography)	The transparent screen offers the photographer focusing with an unusually bright finder image. To focus, first correct your diopter using a diopter correction lens or Varimagni Finder so that each line of the double cross hairs can be seen clearly and separately. Then bring the specimen into focus. The meter needle gives correct light readings, but depending on the specimen's conditions, the reading must be compensated for.
	<b>1 - 13</b> <b>Microprism/split image-matte type</b> (for most lenses)	Most suitable for normal photography, this screen assures pinpoint focusing. The central split-image rangefinder is encircled by a microprism collar. Since the outer area has a matte surface, the screen can be used in the same way as the standard 1-1 and 1-3 screens. When a lens with a maximum speed of F5.6 or slower is used, the prism darkens and focusing must be made on the matte area. The meter needle gives correct light readings.

(Specifications subject to change without notice.)