

EXTENSION TUBES 7/14/25



Summary

- These tubes are used as adapters to mount OM System lenses on the OM bodies to take close-ups.

Main Characteristics

- The respective lengths of these tubes are 7mm, 14mm and 25mm, which make seven different lengths by single or combined uses.
- They can be mounted on the camera body by bayonet mounting as in case with the standard lenses.
- If all of these three tubes are used in conjunction with the 50mm F1.8, it is possible to achieve a life size magnification or $2.3 \times 3.4\text{cm}$ with a lens-to-subject distance 6.8cm.
- The 25mm extension tube can be used to extend the magnification range of the Zuiko Macro Lens 50mm to $1/2$ and $1/1$ (life size).
For life-size pictures, however, most recommended is the 1:1 Macro 80mm F4.

Notes • Related Units

- The depth of field is extremely small in close-up work. Therefore, not only correct focus but also a small aperture such as F8 or F11 are recommended.
- Even a smallest movement of the camera affects pictures especially when enlarged to great extent. To avoid this, make it a point to use a focusing stage, tripod and cable release whenever available.
- Exposure is adjusted by stopping down the lens aperture, but focusing is easier at the full aperture.

OLYMPUS

OM SYSTEM EXTENSION TUBES 7/14/25

Extension Tube 7



● **Lens Mounting Ring**

Accepts the camera lens or extension tube.

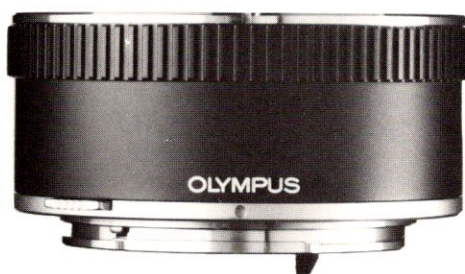
Extension Tube 14



● **Meter Coupling**

Connects to the exposure meter built in the DM body for stopping down measurement.

Extension Tube 25



● **Release Button**

To remove the tube from camera, press this button and rotate the tube counter-clockwise by 70° in the same manner as with the lens. To mount the tube do not apply pressure to the release button during the mounting procedure.

Actual size

TABLE OF CLOSE-UP RANGES

Lens	Covering Area Magnification	Extension Tube														
		0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5
Std. 50mm F1.8	7	39.1(15 $\frac{3}{8}$)	20.0(7 $\frac{7}{8}$)													
	14		20.5(8 $\frac{1}{8}$)	14.1(5 $\frac{5}{8}$)												
	7+14			14.3(5 $\frac{5}{8}$)	11.0(4 $\frac{3}{8}$)											
	25				12.4(4 $\frac{7}{8}$)	10.0(3 $\frac{3}{8}$)										
	7+25					10.1(3 $\frac{3}{8}$)	8.5(3 $\frac{1}{2}$)									
	14+25						8.6(3 $\frac{3}{8}$)	7.5(2 $\frac{3}{4}$)								
7+14+25							7.6(2 $\frac{3}{4}$)	6.8(2 $\frac{3}{4}$)								
Std. 50mm F1.4	7	38.1(15)	19.1(7 $\frac{5}{8}$)													
	14		19.5(7 $\frac{7}{8}$)	13.1(5 $\frac{1}{8}$)												
	7+14			13.3(5 $\frac{1}{8}$)	10.1(3 $\frac{1}{2}$)											
	25				11.4(4 $\frac{3}{4}$)	9.0(3 $\frac{3}{8}$)										
	7+25					9.1(3 $\frac{3}{8}$)	7.5(2 $\frac{3}{4}$)									
	14+25						7.6(2 $\frac{3}{4}$)	6.5(2 $\frac{3}{8}$)								
7+14+25							6.5(2 $\frac{3}{8}$)	5.8(2 $\frac{3}{8}$)								
Std. 50mm F1.2	7	43.8(17 $\frac{1}{4}$)	16.9(6 $\frac{3}{4}$)													
	14		21.9(8 $\frac{5}{8}$)	13.5(5 $\frac{1}{8}$)												
	7+14			14.6(5 $\frac{7}{8}$)	10.3(4 $\frac{1}{8}$)											
	25				12.4(4 $\frac{7}{8}$)	9.2(3 $\frac{3}{8}$)										
	7+25					9.7(3 $\frac{3}{8}$)	7.6(2 $\frac{3}{8}$)									
	14+25						7.9(3 $\frac{1}{8}$)	6.5(2 $\frac{3}{8}$)								
7+14+25							6.7(2 $\frac{3}{8}$)	5.6(2 $\frac{3}{8}$)								
Macro 50mm F3.5	25				11.8(4 $\frac{3}{4}$)											

Half-tone area indicates magnification ranges of standard lenses without close-up lens.

Numbers printed at both ends of each arrow indicate distances in cm (inches) between lens and subject.