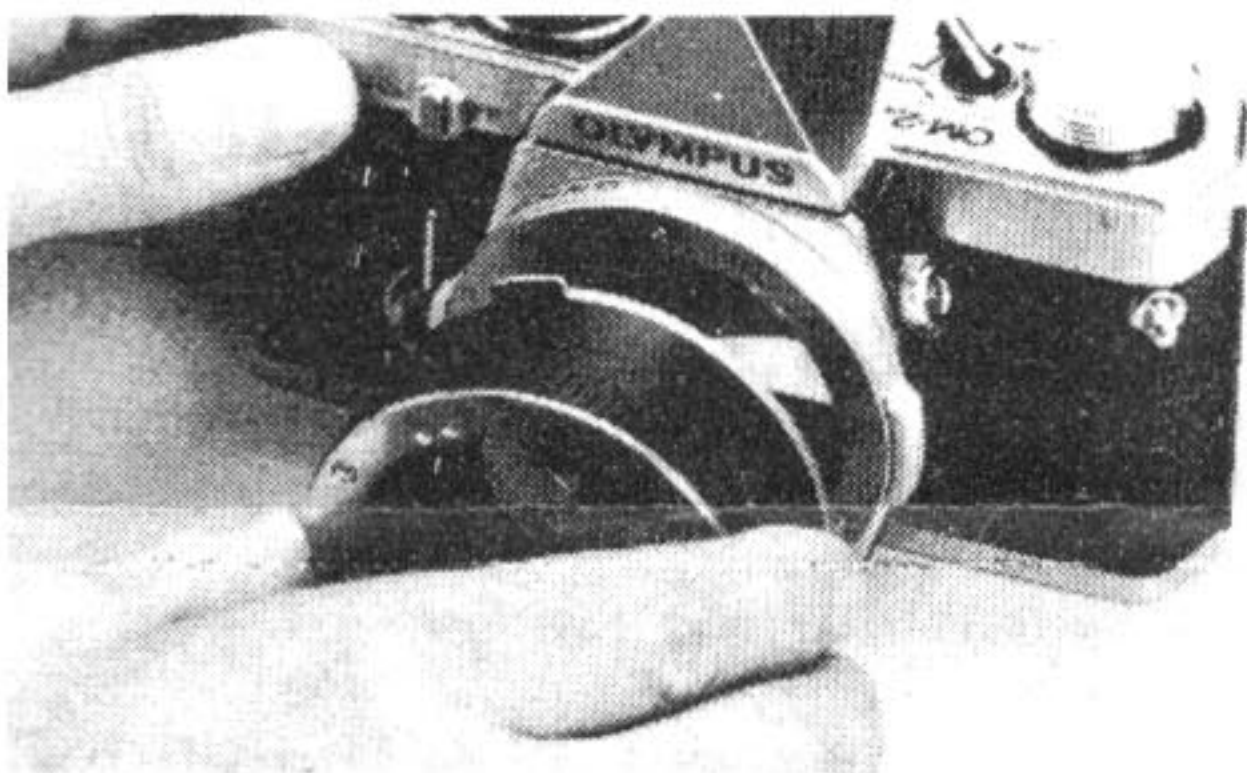


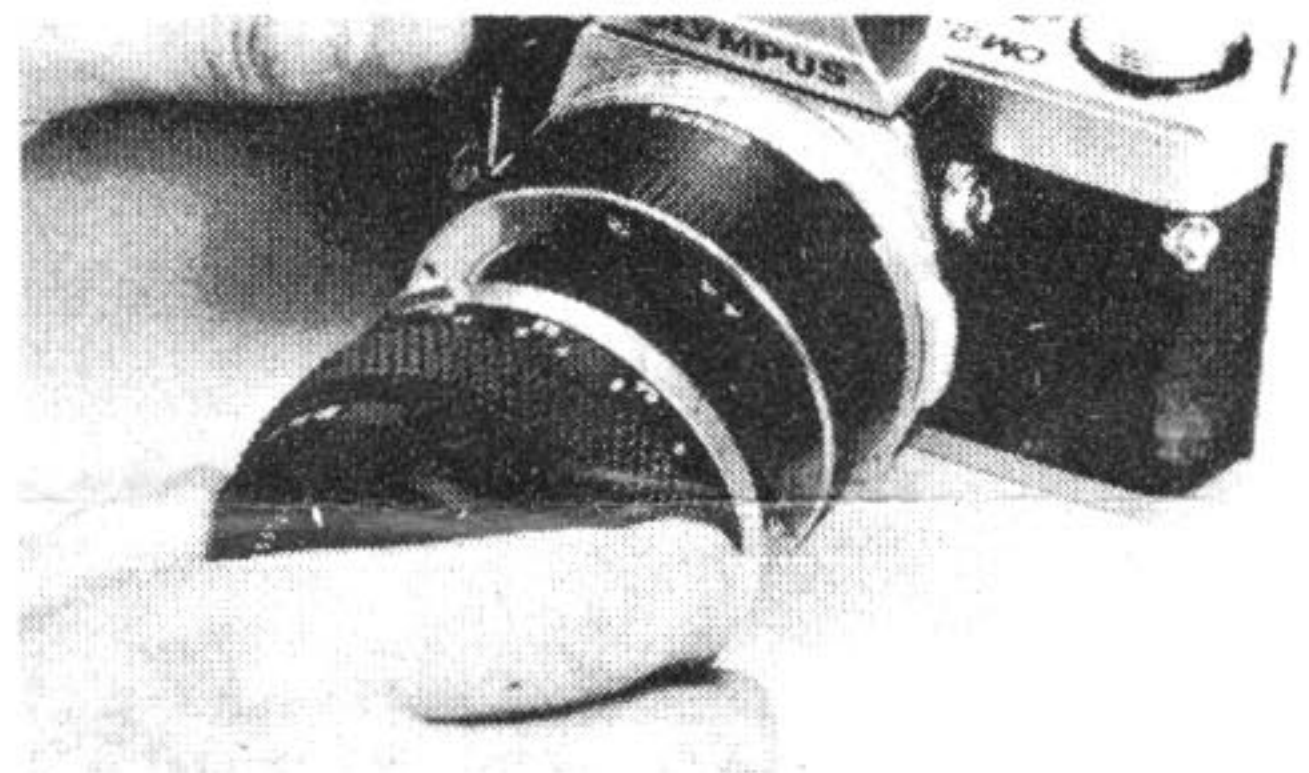
AUTO EXTENSION TUBES 7, 14, 25



Each of these Auto Extension Tubes incorporates an automatic diaphragm lever to stop down the lens diaphragm to the preset aperture at the moment of exposure as interlinked between the OM camera body and lens for close-up photography. The respective lengths of these tubes are 7mm, 14mm and 25mm, which make seven different lengths by single or combined uses.



Mount the tubes on the camera.



Mount the lens on the front tube.

■ Use the tube(s) in the following steps:

- ① Determine the optimum combination of the tubes according to the close-up magnification as desired. (See overleaf for the table of close-up ranges.)
- ② Mount the tube(s) on the camera body by bayonet mounting as in case with the standard lenses.
- ③ Mount the lens to the front tube.
- ④ It is always possible to see the brightest field of view through the full aperture owing to the automatic diaphragm device.
- ⑤ In order to ascertain which objects fall within the acceptable zone of sharpness or the depth of field, press the preview button of your lens and look through the viewfinder.
- ⑥ down the lens aperture as much as possible.
- ⑦ Do not insert fingers into the tubes to avoid damage.
- ⑧ Wipe the tubes completely after the use in high temperature and humidity.
- ⑨ Rapid transferal of the tubes from a low temperature place to a high temperature place will often bring waterdrops on the tube surfaces. Wipe clean.
- ⑩ Never apply pressure to the coupling lever.
- ⑪ Do not apply force to the release button while mounting on the camera to assure proper coupling between the lens and the meter.
- ⑫ If these tubes are used with another set or other extension tubes, they may sometimes fail to operate correctly.
- ⑬ The 7mm extension tube alone cannot be used with the Zuiko MC Macro 135mm F4.5 or MC 1:1 Macro 80mm F4 lens.

■ Helpful hints for use and maintenance

- ① Generally the lens quality falls in close-up pictures. When sharpness in the picture periphery deteriorates it is recommended to stop

AUTO EXTENSION TUBES 7, 14, 25

Table of Close-up Ranges

Lens	Coverage (mm.) Mag.	Tubes															
		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	
50mm F1.8	7	39.1	20.0														
	14		20.5	14.1													
	7 + 14			14.3	11.0												
	25				12.4	10.0											
	7 + 25					10.1	8.5										
	14 + 25						8.6	7.5									
	7 + 14 + 25							7.6	6.8								
50mm F1.4	7	34.1	19.1														
	14		19.5	13.1													
	7 + 14			13.3	10.1												
	25				11.4	9.0											
	7 + 25					9.1	7.5										
	14 + 25						7.6	6.5									
	7 + 14 + 25							6.5	5.8								
50mm F1.2	7	43.8	16.9														
	14		21.9	13.5													
	7 + 14			14.6	10.3												
	25				12.4	9.2											
	7 + 25					9.7	7.6										
	14 + 25						7.9	6.5									
	7 + 14 + 25							6.7	5.6								
Macro 50mm F3.5	25				8.8											6.4	

- NOTE: 1) Numbers printed at both ends of each bar indicate distances in mm between lens and subject.
 2) Oblique-lined areas indicate magnification ranges of standard lenses without extension tubes.
 3) The Macro 50mm F3.5 lens should be used with the 25mm auto extension tube only for the magnification 0.5X.