

MINOLTA EXTENSION TUBE SET II 1968



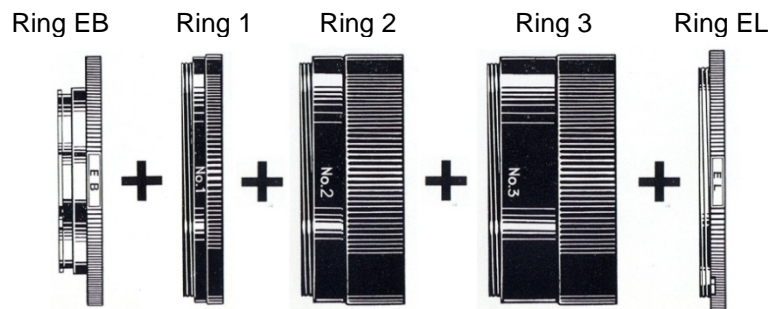
Serial nr. no
Minota Code: 8321

Characteristics and Functions

This is the updated version of the previous Extension Tube Set, 1958 edition; the chrome finish is abandoned for the satin black one (rings n. 1, 2 and 3) - instead the EB and EL connecting rings remain chromed.

To join the rings to the camera, start by placing the EB ring on the camera by inserting it into the bayonet of the connector and rotating it 54° to the right until it locks. Then position the rings 1, 2, 3, according to the need for enlargement and finally screw the EL ring, then insert the lens bayonet into the EL ring by rotating it 54° until it locks.

To remove the lens from the EL ring, press the appropriate chrome button located on the ring itself; to free the flange EB from the optics union, use the appropriate button on the camera.



CLOSE-UP TABLE

f = 55 mm

Combination No.	Combination of Tubes No.	Photographic Range (mm)	Magnification Rate	Distance from Subject to Film Plane	Exposure Multiple
(1)	EB + 1 + 2 + 3 + EL	24 × 36 ~ 22 × 33	1.0 ~ 1.1	213 ~ 214	4 (2)
(2)	EB + 2 + 3 + EL	26 × 40 ~ 24 × 36	1/1.1 ~ 1.0	214 ~ 213	4 (2)
(3)	EB + 1 + 3 + EL	31 × 47 ~ 26 × 40	1/1.3 ~ 1/1.1	220 + 214	3(1.5)
(4)	EB + 3 + EL	38 × 58 ~ 31 × 47	1/1.6 ~ 1/1.3	225 ~ 220	3(1.5)
(5)	EB + 1 + 2 + EL	48 × 72 ~ 38 × 58	1/2.0 ~ 1/1.6	242 ~ 225	2 (1)
(6)	EB + 2 + EL	62 × 94 ~ 48 × 72	1/2.6 ~ 1/2.0	263 ~ 242	2 (1)
(7)	EB + 1 + EL	96 × 144 ~ 62 × 94	1/4.0 ~ 1/2.6	335 ~ 263	1.8(1)
(8)	EB + EL	190 × 284 ~ 93 × 140 ~ 182 × 274	1/4.9 ~ 1/3.9 ~ 1/4.6	555 ~ 330 ~ 550	1.4(0.5)

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CLOSE-UP TABLE

f = 58 mm

Combination No.	Combination of Tubes No.	Photographic Range (mm)	Magnification Rate	Distance from Subject to Film Plane	Exposure Multiple
(1)	EB + 1 + 2 + 3 + EL	26 × 40 ~ 22 × 33	1/1.1 ~ 1.1	231 ~ 230	4 (2)
(2)	EB + 2 + 3 + EL	29 × 43 ~ 26 × 40	1/1.2 ~ 1/1.1	232 ~ 231	4 (2)
(3)	EB + 1 + 3 + EL	34 × 50 ~ 29 × 43	1/1.4 ~ 1/1.2	236 ~ 232	3(1.5)
(4)	EB + 3 + EL	41 × 61 ~ 34 × 50	1/1.7 ~ 1/1.4	245 ~ 236	3(1.5)
(5)	EB + 1 + 2 + EL	50 × 76 ~ 41 × 61	1/2.1 ~ 1/1.7	256 ~ 245	2(1.0)
(6)	EB + 2 + EL	67 × 100 ~ 50 × 76	1/2.8 ~ 1/2.1	302 ~ 256	2(1.0)
(7)	EB + 1 + EL	101 × 151 ~ 67 × 100	1/4.2 ~ 1/2.8	372 ~ 302	1.7(1.0)
(8)	EB + EL	204 × 306 ~ 101 × 151 ~ 194 × 292	1/6.5 ~ 1/4.2 ~ 1/6.1	620 ~ 372 ~ 595	1.3(0.5)

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CLOSE-UP TABLE

f = 100 mm

Combination No.	Combination of Tubes No.	Photographic Range (mm)	Magnification Rate	Distance from Subject to Film Plane	Exposure Multiple
(1)	EB + 1 + 2 + 3 + EL	43 × 65 ~ 36 × 54	1/1.8 ~ 1/1.5	445 ~ 420	3(1.5)
(2)	EB + 2 + 3 + EL	48 × 72 ~ 41 × 61	1/1.2 ~ 1/1.7	448 ~ 428	2(1.0)
(3)	EB + 1 + 3 + EL	58 × 86 ~ 46 × 68	1/2.4 ~ 1/1.9	485 ~ 442	2(1.0)
(4)	EB + 3 + EL	70 × 104 ~ 53 × 79	1/2.9 ~ 1/2.2	530 ~ 462	2(1.0)
(5)	EB + 1 + 2 + EL	86 × 130 ~ 62 × 94	1/3.6 ~ 1/2.6	582 ~ 495	1.7(1.0)
(6)	EB + 2 + EL	115 × 173 ~ 79 × 119	1/4.8 ~ 1/3.3	600 ~ 565	1.6(1.0)
(7)	EB + 1 + EL	150 × 256 ~ 98 × 148	1/7.1 ~ 1/4.1	910 ~ 650	1.4(0.5)
(8)	EB + EL	343 × 515 ~ 139 × 209 ~ 235 × 353	1/14.3 ~ 1/5.8 ~ 1/9.8	1,600 ~ 815 ~ 1,230	1.2(0)

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Weight 140g. Dimensions: length 63mm. fully assembled, 65mm diameter.