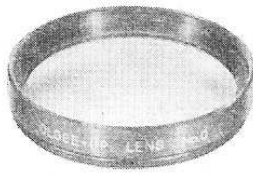
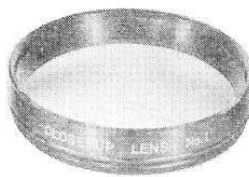


CLOSE-UP LENSES FOR MINOLTA SLR CAMERAS



No. 0



No. 1



No. 2

These are two-element, color-corrected auxiliary lenses intended to be attached to regular Minolta lenses to allow working nearer to the subject in doing close-ups and copying. No exposure adjustment is necessary when these auxiliary lenses are used with the regular lens mounted on the camera in the usual way (i.e., without extension tubes or bellows).

- The No. 0 is used with telephoto lenses of 100 to 135mm focal length.
- The No. 1 and No. 2 are intended for use with standard and wide-angle lenses. (They may also be used with telephotos but less effectively.)
- Any combination of two of these lenses may be used to obtain greater magnification.
- Any combination of two of these lenses (viz., No. 0 + No. 1, No. 0 + No. 2, or No. 1 + No. 2) may be used to obtain greater magnification.
- When using two close-up lenses together, attach the one with the smaller number first, then attach the one with the larger number to it (e.g., the No. 1 followed by the No. 2).

Close-Up Lens	Taking Lens	Photographic Range (mm) (inch)	Magnification Rate	Subject-to-film Distance (cm/ft.)
No. 0	100mm (f/2.5)	267 × 400 ~ 109 × 164 10½ × 15½ ~ 4½ × 67½	0.09 ~ 0.22	119 ~ 61 3' 10⅞" ~ 2'
	135mm (f/2.8)	185 × 277 ~ 96 × 144 7½ × 10⅞ ~ 3¾ × 5½	0.13 ~ 0.25	121 ~ 75 3' 11⅝" ~ 2' 5½"
No. 1	58mm (f/1.2)	200 × 300 ~ 100 × 150 7⅞ × 11⅜ ~ 3⅝ × 5⅞	0.12 ~ 0.24	62 ~ 37 2' 7⅞" ~ 1' 2⅞"
No. 2		104 × 157 ~ 71 × 106 4⅞ × 6⅜ ~ 2⅜ × 4⅜	0.23 ~ 0.34	38 ~ 29 1' 2⅝" ~ 11⅞"
No. 1 + No. 2	50mm (f/1.2)	71 × 106 ~ 53 × 80 2⅜ × 4⅜ ~ 2⅜ × 3⅜	0.34 ~ 0.45	29 ~ 25 11⅞" ~ 9⅜"
No. 1		240 × 360 ~ 96 × 144 9⅞ × 14⅜ ~ 3¾ × 5½	0.10 ~ 0.25	61 ~ 32 2' ~ 1' ⅝"
No. 2	50mm (f/1.2)	120 × 180 ~ 71 × 106 4¾ × 7⅞ ~ 2⅜ × 4⅜	0.20 ~ 0.34	37 ~ 26 1' 2⅞" ~ 10¼"
No. 1 + No. 2		80 × 120 ~ 56 × 84 3⅞ × 4¾ ~ 2¼ × 3⅝	0.30 ~ 0.43	29 ~ 23 11⅞" ~ 9⅞"
No. 1	50mm (f/1.4)	240 × 360 ~ 96 × 144 9⅞ × 14⅜ ~ 3¾ × 5½	0.10 ~ 0.25	60 ~ 31 1' 11⅝" ~ 1' ⅜"
No. 2		120 × 180 ~ 69 × 103 4¾ × 7⅞ ~ 2⅜ × 4⅜	0.20 ~ 0.35	36 ~ 25 1' 2" ~ 9⅜"
No. 1 + No. 2	50mm (f/1.7)	80 × 120 ~ 55 × 82 3⅞ × 4¾ ~ 2⅜ × 3¼	0.30 ~ 0.44	28 ~ 23 11" ~ 9⅞"
No. 1		240 × 360 ~ 96 × 144 9⅞ × 14⅜ ~ 3¾ × 5½	0.10 ~ 0.25	60 ~ 31 1' 11⅝" ~ 1' ⅜"
No. 2	50mm (f/1.7)	120 × 180 ~ 69 × 103 4¾ × 7⅞ ~ 2⅜ × 4⅜	0.20 ~ 0.35	36 ~ 26 1' 2" ~ 10¼"
No. 1 + No. 2		80 × 120 ~ 55 × 82 3⅞ × 4¾ ~ 2⅜ × 3¼	0.30 ~ 0.44	28 ~ 23 11" ~ 9⅞"
No. 1	45mm (f/2)	264 × 395 ~ 130 × 195 10⅜ × 15⅝ ~ 5⅞ × 7¾	0.09 ~ 0.18	60 ~ 35 12' 11¼" ~ 1' 1¾"
No. 2		137 × 206 ~ 89 × 133 5⅜ × 8⅞ ~ 3½ × 5¼	0.17 ~ 0.27	35 ~ 26 1' 1¾" ~ 10¼"
No. 1 + No. 2	45mm (f/2)	91 × 136 ~ 67 × 100 3½ × 5⅜ ~ 2⅝ × 3⅞	0.27 ~ 0.36	27 ~ 23 10⅝" ~ 9⅞"

NOTE: ★ For copying, set the lens opening at f/5.6 or smaller.
★ When using a filter, attach it over the close-up lens.