

Photographic Range with Close-up Attachment

(in.)

Close-up attachment	Lens in normal position		
	Reproduction ratio	Subject field	Focused distance
* Close-up attachment lens No. 5T	1/3.3 — 1.4	3.1 x 4.7 — 0.7 x 1.0	35.8 — 16.9
* Close-up attachment lens No. 6T	1/1.7 — 1.7	1.6 x 2.4 — 0.5 x 0.8	23.1 — 15.4
** PK-series Rings	1/25 — 1.5	23.6 x 35.5 — 0.64 x 0.95	213 — 20.2
PN-Ring	1/3.8 — 1.5	3.6 x 5.4 — 0.62 x 0.94	47.8 — 20.2
Bellows PB-4 or PB-5	1/4.7 — 1/1.1	4.4 x 6.6 — 1.0 x 1.5	54.1 — 31.5
Bellows PB-6	1/4.2 — 1.0	3.9 x 5.9 — 0.91 x 1.36	50.4 — 31.5
Extension Bellows PB-6E	1/4.2 — 2.2	3.9 x 5.9 — 0.43 x 0.65	50.4 — 36.5
*** Reprocopy Outfit PF-2, 3, 4	1/2.7 — 1.0	2.6 x 3.8 — 0.94 x 1.42	33.6 — 19.5

* Use of this lens with both the No. 5T and No. 6T close-up attachments is not recommended, as this combination will not produce good definition in close-up photography. To assure good definition when using either the No. 5T or No. 6T lens attachments, stop the lens down to an aperture of $f/5.6$ or smaller.

** The first values are for the PK-11A ring used alone and the other ones for the PK-11A — PK-13, PK-11 — PK-13 or PK-1 — PK-3 rings used together. However, the PK-11 and PK-1 rings cannot be attached directly to the lens.

*** The figures shown here represent the ranges obtained with the subject on the baseplate, using the lens without any close-up attachment.