

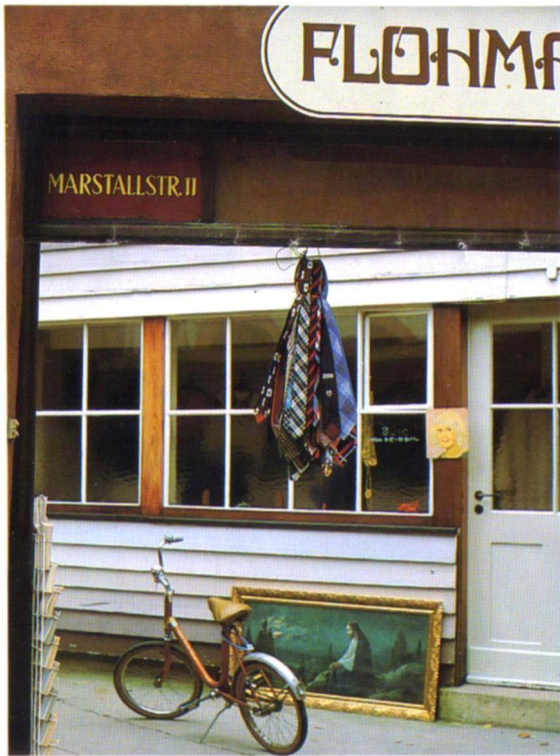
# Makinox



MAKINA OPTICAL CO., LTD.

Specifications, Technische Daten, Especificaciones, Spécifications, Tekniska data,

Focal Length	Aperture	Angle of View	Lens Construction	Minimum Focus	Aperture Range	Filter Size	Length	Weight	Maximum Diameter	Macro Magnification
Brennweite	Blende	Bildwinkel	Konstruktion Linsen/Gruppen	geringste Entfernung	Blendenbereich	Filtergröße	Länge	Gewicht	größter Durchmesser	Macro Abbildungsmaßstab
Longitud focal	Apertura	Angulo de visión	Construcción objetivo	Enfoque mínimo	Gama de apertura	Tamaño filtro	Longitud	Peso	Diametro máximo	Amplificador Macro
Longueur de focale	Ouverture	Angle de vue	Construction de l'objectif	Mise au point minimum	Distance d'ouverture	Taille du filtre	Longueur	Poids	Diametre maximum	Grossissement Macro
Brännvidd	Bländare	Bildvinkel	Objektivkonstruktion	Kortaste fotografering savstånd	Bländarområde	Filter storlek	Längd	Vikt	Största diameter	Makroförstoriong
28-80mm	F3.5/4.5	75°-30°	14-14	2.5m/8ft	F3.5-16	72mm	78mm	589gr	73.5mm	1:5
28-105mm	F3.5/5.5	75°-23°	13-14	3.5m/11.5ft	F3.5-16	72mm	93mm	600gr	73.5mm	1:5
28-135mm	F4/5.5	75°-18°	11-15	2.5m/8ft	F4-22	72mm	119.5mm	730gr	73.5mm	1:5
80-200mm	F4.5	30°-12°	9-13	1.7m/ 5.6ft	F4.5-22	55mm	129mm	600gr	66mm	1:4
70-210mm	F4.5/5	34°-12°	10-13	1.7m/5.5ft	F4.5-22	55mm	138mm	590gr	66mm	1:4.5
70-300mm	F5.6	34°-8°	9-12	2m/6.5ft	F5.6-32	55mm	161.5mm	620gr	66mm	1:4



**Makinon**

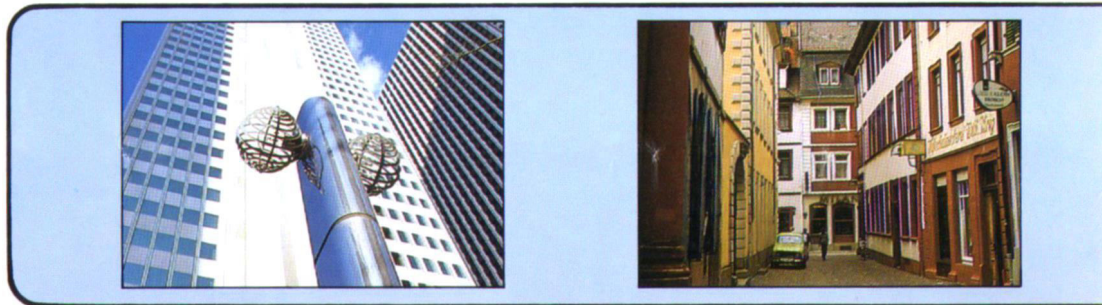
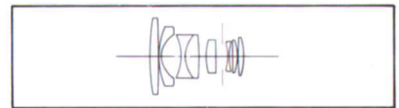
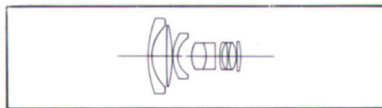
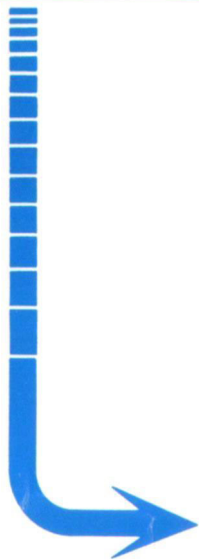
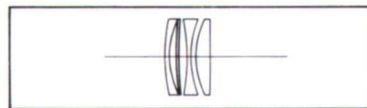
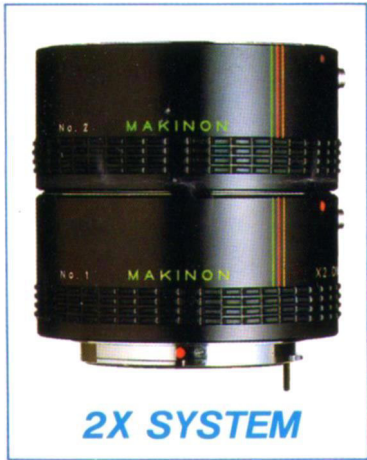
Focal Length	Aperture	Angle of View	Lens Construction	Minimum Focus	Aperture Range	Filter Size	Length	Weight	Maximum Diameter	Macro Magnification
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Longueur de focale	Ouverture	Angle de vue	Construction de l'objectif	Mise au point minimum	Distance d'ouverture	Taille du filtre	Longueur	Poids	Diametre maximum	Grossissement Macro
Brännvidd	Bländare	Bildvinkel	Objektivkonstruktion	Kortaste fotografering savstånd	område	Filter storlek	Längd	Vikt	Största diameter	Makroförstorning
2X	—	—	4-4	—	—	—	29.3mm	150gr	61.5mm	—
24mm	F2.8	84°	7-9	0.25m/0.82ft	F2.8-16	58mm	41.5mm	230gr	64mm	—
28mm	F2.8	76°	7-8	0.3m/0.98ft	F2.8-16	52mm	41.5mm	220gr	64mm	—
135mm	F2.8	18°	4-4	1.4m/4.6ft	F2.8-22	52mm	79.5mm	400gr	64mm	—
500mm	F8	5°	5-7	4m/13.1ft	F8	*32mm	97.5mm	550gr	82mm	1:4
28-70mm	F3.5/4.5	75°-34°	9-9	1m/3.3ft	F3.5-16	62mm	78mm	480gr	65mm	1:4

\*Special, Besonderheiten, Especial, Spéciale, Special,



Note: The specifications can be changed without any prior notice.  
 Beachte: Änderungen in Technik und Design, die dem Fortschritt dienen, behalten wir uns vor.  
 Nota: Las especificaciones pueden cambiarse sin previo aviso.  
 Note: Les spécifications peuvent être changées sans préavis.  
 OBS: reservation för tekniska ändringar.

# Makinon



Note: Makinon 500 mm catadioptric lenses are not available for Nikon FA due to the structural reason of its top part.

Beachte: Makinon-Spiegeltele 500 mm sind bedingt durch ihre Bauweise an der Nikon-FA nicht verwendbar.

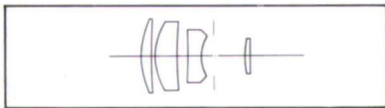
Nota: Los objetivos espejo Makinon de 500 mm. no pueden adaptarse a la Nikon FA debido a la especial estructura de su parte superior.

Note: Les objectifs catadioptriques Makinon 500 mm ne sont pas disponibles pour le Nikon FA, en raison de la structure de sa partie supérieure.

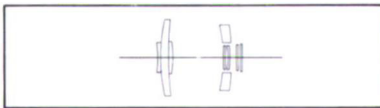
OBS: Makinon 500 mm spegeltele objektiv passar ej Nikon FA.



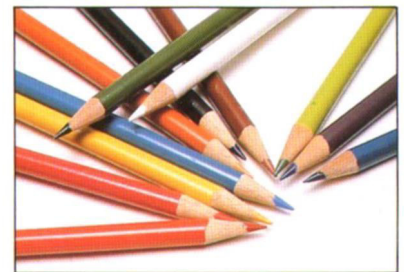
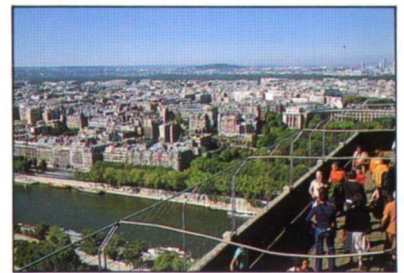
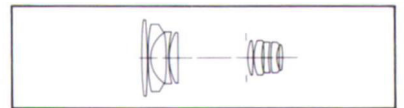
135mm F2.8



500mm F8

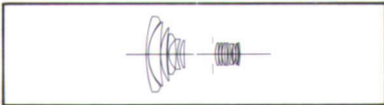


28-70mm F3.5/4.5

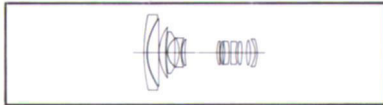




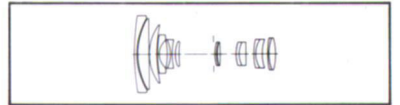
**28-80mm F3.5/4.5**



**28-105mm F3.5/5.5**

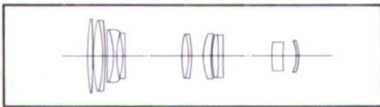


**28-135mm F4/5.5**

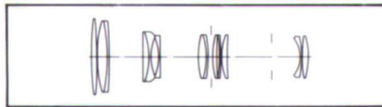




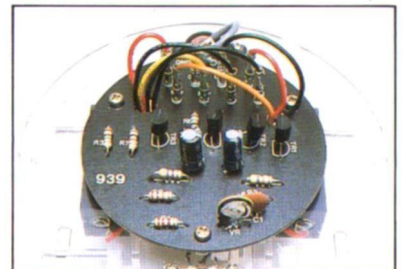
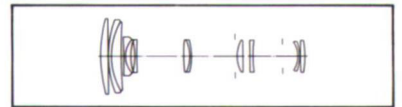
**80-200mm F4.5**



**70-210mm F4.5/5**



**70-300mm F5.6**



Makinox lenses are available for all camera mounts shown below :

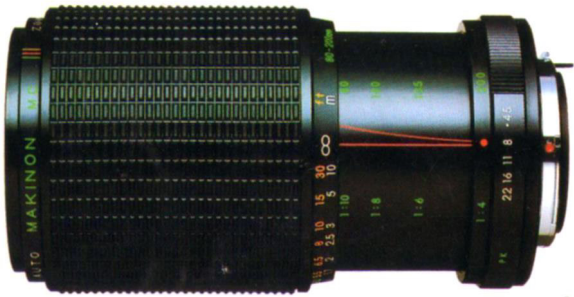
Makinox-Objektive sind mit folgenden Camera-Anschlüssen lieferbar :

Los objetivos Makinox estn disponibles para todas las cmaras que se indican a continuacin :

Les objectifs Makinox sont disponibles pour toutes les montures des appareils cits ci-dessous :

Makinox objektiv finns med fljande kamerafattningar :

for, fr, para, pour, fr,



**Canon** **Nikon**  
**Contax** **Olympus**  
**Fujica-X** **Pentax-K**  
**Konica** **P-42**  
**Minolta** **Yashica**

# Makinox



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