

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Exakta	0		Varioplan		Kine	zm75 4,5 - 300 5,6
Samigon	0	0,0	Glanz Micro T-M II		Kine	-1967 350-1000mm + Zm Teleshot
Quantaray	0	0,0			Kine	EM zm600-1000
Tamron	0	0,0		Aut	RTL	zm28-200
Steinheil	0	0,0	Foto-Monocular 6x30	---	Kine	1961
Soligor	0	0,0	Twin Soligor Telephoto		Kine	4,5-135mm/7,7-225mm EMminiT
Aetna Optix	0	0,0	Spectra Duo-Focus	PS	Kine	160 EMduo 4.5-140 + 7.9-230
Sonnagar	0	0,0	Converto	PS	Kine	-1965 EM 135-2.5+225-4.5
Taika =Tamron?	0	0,0	Duo-Focus	PS	Kine	Emduo 4,5-140 + 7.9-230
Meyer Hannover	0	0,0	Tele-Monocular 8x30	---	Kine	1960
Bushnell	0	0,0	Televar		Kine	-1967 FM 350-650mm 1:8-11
Kalimar	0	0,0		Man	Kine	zm800-1200 9.9-14.9
Meyer Hannover	0	0,0	Tele-Monocular 7x36	---	Kine	1962
Meyer Hannover	0	0,0	Tele-Monocular 7x50	---	Kine	1962
Tamron	0	0,0	Duo-Tamron	Man	Kine	-1960 EMminiT 4,5-135 + 7,7-225
Taika	0	0,0	Duo-Focus	CS	Kine	Emduo 4.5-140 + 7.9-230
Isco	0	0,0	Isorama Anamorphic		Kine	
Bushnell	0	0,0	Spacemaster		Kine	-1967 EMT2 750-3000mm
Taika	0	0,0	Converto-Doryt	PS	Kine	3,5-135<>??-270
Taisei	0	0,0	Rokunar	?	Kine	zm200-400 (pistol grip)
Novoflex	0	0,0		?	Kine	-1965 EM 400-640 5,6-9
Weth	0	0,0	Votar Telestigmar	PS	Kine	-1960 3,5-175 4,5-225 5-250 6,3-3
Schneider	0	0,0	Symmar (adapted)		Kine	SM convertible 5,6-100/12-175
Exakta	0	0,0	Varioplan	?	Kine	EMT2 zm850-8_1300-16
Tamron	0	0,0	Converto Tamron	PS	Kine	-1961 EMT2 2,8-135 + 5,5-225
Glanz	0	0,0	Zoomatel		Kine	zm350-1000mm f16-25
Schneider	0	2,8	Variogon	Aut	Kine	zm45-100mm EMsc grip release
Tamron	0	2,8		?	Kine	70-150 "dial-in" soft focus
Voigtländer	0	2,8	Zoomar	PS	Kine	zm36-82mm
Voigtländer	0	2,8	Zoomar	Aut	Kine	zoom36-82 rare
Beauty Cam Co	0	3,0	Biokor Zoom		Kine	zm50-300mm
Soligor	0	3,5	Auto-Zoom	Aut	Kine	+1967 zm55-135mm EMT4
Sun	0	3,5	Zoom Telephoto	PS	Kine	zm85-210mm
Sigma	0	3,5		Aut	KORR	1976 zm39-80mm EMYS
Sigma	0	3,5		Aut	KORR	1976 zm80-200mm EMYS
Varexon	0	3,5	super zoomex		Real	zm 38-80mm
Vivitar	0	3,5		Aut	Kine	zm55-135 EMT4
Miida	0	3,5		Aut	Kine	1972 zm85-205mm
Miida	0	3,5		Aut	Kine	1972 zm45-135mm
Lentar	0	3,5		Aut	Kine	1972 zm80-200mm
Tamron	0	3,5		Aut	Kine	+1967 EM-adaptamatic zm85-205
Sun	0	3,5		Aut	KORR	+1969 EMYS zm60-135mm
Sun	0	3,5		Aut	KORR	+1969 EMYS zm60-150mm
Vivitar	0	3,5		Aut	Kine	zm35-105mm EMT4
Angenieux	0	3,5	LA2	PS	Kine	zm35-140mm
Sunset	0	3,5		Aut	KORR	-1968 EMYS zm80-205
Tamron	0	3,5	Macro	Aut	Kine	one-of-a-kind
Ihagee West	0	3,5	(Vario-)Exaktar Carenar	Aut	KORR	-1974 EMYS zm45-135mm
Ihagee West	0	3,5	Vario-Exaktar	Aut	Real	-1974 zm78-205mm
Lentar	0	3,5		Aut	Kine	45-135mm
Ihagee West	0	3,5	Vario-Exaktar	Aut	Real	zm75?-205mm
Beroflex	0	3,5	Beroflex Auto Zoom	Aut	Kine	EMYS
	0	3,5	Exaktar Autovario	Aut	Kine	zm78-205mm
Hama	0	3,5			Kine	zm 28-210

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Bell & Howell	0	3,5		Aut	Real	zm78-205mm
Aetna Optix	0	3,6	Rokunar	Aut	KORR	EMYS zm80-205mm
	0	3,6	Polaris Auto Zoom	Aut	Kine	zm85-205mm
	0	3,6	Dionar	Aut	Kine	zm 60-135mm
Raynox	0	3,6	Polaris Auto-Zoom	Aut	Kine	zm 85-205mm
Vivitar	0	3,8		Aut	Kine	+1965 FM zm85-205mm
Sesnon	0	3,8	Auto-Sesnon	Aut	Real	70-215mm
Vivitar	0	3,8		PS	Kine	-1968 EMT2 zm85-205mm
Bushnell	0	3,8		Aut	Kine	-1968 EM-adaptamatic zm80-250mm
Kalimar	0	3,8	Auto-T zoom	Aut	Kine	EM Auto-T zm70-215mm
Tamron	0	3,8	Auto Tamron	Aut	OB	-1968 EM-adaptamatic zm80-250
Aetna Optix	0	3,8	Auto Rokunar	Aut	Kine	-1968 FM zm80-250mm
Panagor	0	3,8		Aut	Kine	1969 zm85-205mm
Vemar	0	4,0		Aut	RTL	zm70-210mm
Tamron	0	4,0	Auto Tamron	Aut	OB	-1967 EM-adaptamatic zm70-220
Aetna Optix	0	4,0	Rokunar	PS	Kine	-1967 zm55-90mm EMT2
Sun	0	4,0	Macro	Aut	KORR	+1969 EMYS zm90-240mm
Sun	0	4,0		Aut	KORR	+1969 EMYS zm70-210
Zoomar	0	4,0	Macro-Zoomar 276	PS	Kine	-1968 EMkil zm50-125mm
Enna	0	4,0	Tele-Zoom	PS	Kine	1961 zm85-250
Schneider	0	4,0	Tele-Variogon	PS	Kine	1966 zm80-240mm EMSc
Taisei	0	4,0	Rokunar	PS	Kine	zm55-90mm
Enna	0	4,0	Tele-Zoom	PS	Kine	zm85-240mm
Kilfitt	0	4,0	Macro-Zoomar	PS	Kine	1967 zm50-125mm EM
Bushnell	0	4,0		Aut	Kine	-1968 EM-adaptamatic zm70-220mm
Schneider	0	4,0	Tele Variogon	Aut	Real	zm80-240mm
Kilfitt Zoomar	0	4,0	Macro-Zoomar	PS	Kine	see Aut version; rare
Zoomar	0	4,0	Macro Zoomar 276	SA	Kine	zm50-125mm
Kilfitt	0	4,0	Macro-Zoomar	SA	Kine	1967 zm50-125mm
Tamron	0	4,0		PS	Kine	EMT2 zm55-90mm
Edixa	0	4,0	Edixar	PS	Kine	zm55-90mm EMT2
Zoomar	0	4,0	Makro-Zoomar	PS	Kine	-1977 zm50-125mm
Kilfitt Zoomar	0	4,0	Macro-Zoomar	Aut	Kine	zm50-125 cable rel., first macro-zo
Prinz	0	4,0	Dionar	Aut	Kine	zm70-210 FM 1971
Sun	0	4,0	Zoom Macro	Aut	KORR	+1969 zm60-150mm EMYS
Zoomar	0	4,0	Tele-Zoomar Rapid foc	?	Kine	±1970 rapid focus zm170-320mm
Prinz	0	4,0	Dionar	PS	Kine	zm70-210 EMT2
Aetna Optix	0	4,0	Rokunar	Aut	KORR	zm70-210 EMYS
Exakta Cam Co	0	4,0	Macro Zoomar	PS	Kine	-1970 EMT2 zm50-125mm
Vivitar	0	4,5		Aut	Kine	zm90-230mm EMT4
Sankyo	0	4,5	Komura	Aut	Kine	1969 zm75-150 EM-Unidap.Auto
Sankyo	0	4,5	Komura	Aut	Kine	1969 zm80-210 EM-Unidap.Auto
Soligor	0	4,5		Aut	Kine	+1967 EMT4 zm75-260mm
Sankyo	0	4,5	Komura	Aut	Kine	1969 zm90-250 EM-Unidap.Auto
Sankyo	0	4,5	Komura	Aut	Kine	1969 zm75-150 macro EM-Uni.Auto
Sun	0	4,5	Tele-Zoom	PS	Kine	-1964 zm110-180mm EMT2
Soligor	0	4,5		PS	Kine	+1962 EMT2 zm90-230mm
Juplen =Fujita?	0	4,5			Kine	-1967 zm100-200mm
Soligor	0	4,5	Auto-Zoom	Aut	Kine	zm75-260mm EMT4
Lentar	0	4,5	Tele-Zoom	PS	Kine	zm90-230mm
Sankyo	0	4,5	Komura	PS	Kine	+1964 zm75-210 EM-Unidapter
Soligor	0	4,5		PS	Kine	EMT2 zm100-200mm
Lentar	0	4,5	Auto Zoom	Aut	Kine	zm70-230mm
Tokina	0	4,5		PS	Kine	-1970 EM T2orTST zm90-230

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Accura	0	4,5		Aut	KORR	-1968 EMYS zm70-230mm
Caspeco	0	4,5		PS	kine	-1968 EMT2 zm90-230mm
Vivitar	0	4,5		Aut	Kine	+1965 FM zm90-230mm
Vivitar	0	4,5		Aut	Kine	+1969 EMT4 zm90-230mm
Vivitar	0	4,5		PS	Kine	+1965 EMT2 zm90-230mm
Caspeco	0	4,5		Aut	Kine	-1968 zm90-230mm EM-Insta-swc
Sigma	0	4,5		Aut	KORR	1976 zm70-230mm EMYS
Soligor	0	4,5	Auto	Aut	Kine	+1967 EMT4 zm90-230mm
Lentar	0	4,5		PS	Kine	1965 EMT2 zm70-230mm
Soligor	0	4,5		PS	Kine	+1962 zm180-400mm EMT2
Vivitar	0	4,5	Auto Tele-zoom	Aut	Kine	zm75-260mm
Beroflex	0	4,5	Auto Zoom	Aut	KORR	EMYS zm75-235
Teleopjectiv	0	4,5	Tele Aremac		Kine	zoom52-200 (teleoBjectiv?)
Hanimex	0	4,5	Tele Zoom	PS?	Kine	zm90-230mm
Sankyo	0	4,5	Komura	Aut	Kine	1969 zm38-90 macro EM-Unid.Aut
Miida	0	4,5		Aut	Kine	EM zm70-230mm
Edixa	0	4,5	Eximar		Kine	zoom70-200
Edixa	0	4,8	Edixar Tele Zoom	PS	Kine	zm85-210
Sun	0	4,8	Zoom Telephoto	PS	Kine	zm85-210 pistol grip=Spiratone
Sun	0	4,8	Zoom	Aut	KORR	-1970 zm85-210mm EMYS
Spiratone	0	4,8		Aut	Kine	zm85-210mm =Sun EM
Spiratone	0	4,8		---	Kine	+1960 zm85-205mm Sun
Sun	0	4,8	Auto Zoom Hi-Tele?	Aut	Top	-1967 zm85-210mm
Caspeco	0	4,8	Tele-Zoom		Kine	-1967 zm85-210mm
Taisei	0	5,6	Rokunar	PS	Kine	zm95-205mm
Bushnell	0	5,6	Taikor		Kine	-1967 95-250mm
Soligor	0	5,6		Man	Kine	zm100-200mm
Sterling-Howard	0	5,6	Astranar	PS	Kine	-1977 EMT2 100-200mm
PRO	0	5,6		PS	Kine	-1977 EMT2 zm100-200mm
Ritz Camera	0	5,6		PS	Kine	-1977 EMT2 100-200mm
Asanuma	0	5,6		PS	Kine	-1977 EMT2 zm180-410mm
Aetna Optix	0	5,6	Rokunar Zoom	PS	Kine	-1977 EMT2 zm180-410
Telesar	0	5,6		PS	Kine	-1968 EMT2 zm100-200mm
Tamron	0	5,6		PS	Kine	EMT2 zm95-250mm
Tamron	0	5,6		PS	Kine	EMT2 zm95-205mm
Exakta Cam Co	0	5,6	Exakta	PS	Kine	-1970 FM zm100-200mm
Aetna Optix	0	5,6	Coligon Telezoom	PS	Kine	zm100-200mm
Marexar	0	5,6	Tele Zoom	PS	Kine	zm100-200mm
Soligor Miranda	0	5,6			Kine	zm105-175
Ina	0	5,6	Telephoto Zoom	PS	Kine	zm100-200mm black
Tamron	0	5,6	Auto Tamron	Aut	OB	-1968 EM-adaptamatic zm200-500
Kalimar	0	5,6	Kaligar	PS	Kine	-1965 EMT2 zm100-200mm
Aetna Optix	0	5,6	Rokunar	PS	Kine	1965 EMT2 zm95-205mm
Kawanon	0	5,6		PS	Kine	~1966 EMT2 zm100-200mm
Caspeco	0	5,6	Tele-Zoom		Kine	-1967 EMT2 zm100-200mm
Hunter	0	5,6			Kine	zm 100-200mm
Optomax	0	5,6			Kine	zm100-200mm
Avigon	0	5,6	Zoom	PS	Kine	zm100-200mm
Juplen	0	5,6		Aut	Kine	-1968 FM zm100-200mm
Sigma	0	5,6		Aut	KORR	1976 zm120-300mm EMYS2
Hanimar	0	5,8		PS	Kine	EMT2 zm90-190mm
Sears	0	5,8		PS	Kine	EMT2 zm90-190mm
Raynox	0	5,8	Polaris Auto Zoom	Aut	Kine	zm 90-190mm
Yashica	0	5,8	Yashinon-R	PS	Kine	zm90-190mm

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Sun	0	5,8		CS	Kine	zm190-430 EM
Miida	0	5,8		Aut	Kine	1972 zm90-190mm
Caspeco	0	5,8		PS	Kine	-1970 EMT2 zm90-190mm
Encino Eng.	0	6,3	Astronar Zoom	PS	Kine	zm95-205mm
Tamron	0	6,3	Zoom	PS	Kine	EMT2 zm95-205mm
Edixa	0	6,3	Edixar	PS	Kine	zm95-205mm EMT2
Tamron	0	6,3		PS	Kine	EMT2 zm 200-400mm
Aetna Optix	0	6,3	Rokunar	PS	Kine	-1965 EMT2 zm200-400mm
Bushnell	0	6,9		Aut	Kine	-1970 EM-adaptamatic zm200-500
Swift Instr.	0	12,7	Telemaster		Kine	-1977 EMT2 monoc 750-3000mm
Bushnell	0	12,7	Spacemaster	---	Kine	-1968 EMT2 monocular 750-3000
Swift Instr.	0	16,0	Telemaster	---	Kine	-1968 EMT2 monoc 1000-4000
Swift Instr.	0	16,0	Safari	---	Kine	-1970 EMT2 monoc zm750-3000
Swift Instr.	0	20,0	Prismatic spotting scop		Kine	EMT2 monocular 860-5273mm
Swift Instr.	0	27,0	Scanner		Kine	EMT2 monocular 990-1950mm
Swift Instr.	0	34,0	Telemaster Jr		Kine	-1977 EMT2 monoc 1700-3400
Spiratone	7	5,6	Fisheye	PS	Kine	EMT2
Sigma	12	3,5	Widerama	Aut	KORR	1972 EMYS
Spiratone	12	5,6	Fish-eye	Man	Kine	-1968 EMT2
Spiratone	12	8,0	Fisheye	PS	Kine	-1970 EMT2
Vemar	12	8,0	Ultra-Wide Angle	CS	Kine	EMT2 fixed focus
Beroflex	12	8,0	Fish Eye	CS	Kine	
Sigma	12	8,0		?	Kine	1965 EMT2
Berolina	12	8,0	Super-Wide Fish-Eye	CS?	Kine	EMT2
Accura	12	8,0	Fish-eye	Man	Kine	-1968 EMT2
Sigma	16	2,8		Aut	KORR	1976 EMYS
Zeiss	16	2,8	F-Distagon	Man	Kine	One-of-a-kind? Made for Rollei?
Spiratone	18	3,5		Aut	Kine	EMYS
Sigma	18	3,5	Widerama (3.2 in adv)	Aut	KORR	1976 EMYS
Eastman Kodak	19	2,5	Aero Ektar	Man	Kine	adapted by Burke & James
Zeiss	20	4,0	Flektogon	Aut	Kine	1963 leatherette focusing
Spiratone	20	4,0	Proxitel	Aut	Kine	EMYS
Zeiss	20	4,0	Flektogon	Aut	Kine	1966 ridged black/chrome focring
Zeiss	20	4,0	Flektogon	Aut	Kine	1964 dimpled focusing
Marumi	21	0,0	Super Wide	PS	Kine	no aperture sel; fixfocus
Soligor	21	3,8	Wide Auto	Aut	Kine	+1967 EMT4
Lentar	21	3,8		Aut	Kine	1972
Vivitar	21	3,8	Auto Viv. Wide Angle	Aut	Kine	FM
Vivitar	21	3,8		Aut	Kine	+1969 EMT4
Panagor	21	4,0		Aut	Kine	1972
Bushnell	21	4,5		Aut	Kine	-1968 EM-adaptamatic
Tamron	21	4,5	Auto-Tamron	Aut	OB	-1970 EM-adaptamatic
Taika	22	2,8	Macro Doryt	?	Kine	
Sankyo	24	2,5	Komura	Aut	Kine	
Soligor	24	2,5		Aut	KORR	EMYS
Sun	24	2,8		Aut	KORR	+1969 EMYS 8 elements
Sigma	24	2,8	Filtermatic	AUT	KORR	EMYS
Soligor	24	2,8		Aut	Kine	+1967 EMT4
Vivitar	24	2,8	Auto Wide Angle	Aut	Kine	EMT4 FT58
Sigma Accura	24	2,8	Ultrawide YS84		KORR	EMYS
Sigma Accura	24	2,8		?	Kine	EMT2
Sigma	24	2,8	Widerama	Aut	KORR	1976 EMYS
Sigma	24	2,8	Ultrawide	Aut	KORR	1972 EMYS
Sun	24	2,8		Aut	KORR	+1969 EMYS 9 elements

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Aetna Optix	24	2,8	Rokunar	Aut	KORR	EMYS
Angenieux	24	3,5	R61	Aut	Kine	1961 black
Angenieux	24	3,5	R51	Man	Kine	1957 black, chrome rings
Angenieux	24	3,5	R61	Aut	Kine	1959 chrome
Tamron	24	3,5		Aut	Kine	+1967 EM-adaptamatic
Sankyo	24	3,5	Komura	Aut	Kine	
Isco	24	4,0	Westrogon	Aut	Kine	-1959
Enna	24	4,0	Lithagon	PS	Kine	1963
Isco	24	4,0	Westrogon	CS	Kine	1958
Enna	24	4,0	Ennalyt	PS	Kine	1963
Sankyo	24	4,0	Komura	PS	Kine	-1968 EM-Unidapter
Enna	24	4,0	Lithagon		AM	1963
Bausch & Lomb	25	2,7	Animar	Man	Kine	adapted cine lens
Sunset	25	2,8		Aut	KORR	-1968 EMYS
Kalimar	25	2,8	Kaligar	Aut	Real	-1975 EM-Auto-T
Soligor	25	2,8		PS	Kine	+1962 EMT2
Sterling-Howard	25	3,5		PS	Kine	-1970 EMT2
Aetna	25	3,5	Macro Actinar	Man	Kine	
Prinz	25	3,5	Rexagon	Aut	Kine	1971
Prinz	25	3,5	Rexagon	PS	Kine	EMT2
Miida	25	3,5		Aut	Kine	1972
Kawanon	25	3,5		PS	Kine	~1966 EMT2
Lentar	25	3,5		Aut	Kine	1972
Aetna Optix	25	3,5	Rokunar	PS	Kine	-1968 EMT2
Zeiss	25	4,0	Flektogon	Aut	Kine	1964 dimpled focusing
Zeiss	25	4,0	Flektogon	Aut	Kine	1963 leatherette focusing
Zeiss	25	4,0	Flektogon	Aut	Kine	1966 ridged black/chrome focring
Vivitar	28	2,5		PS	Kine	-1970 EMT2
Sankyo	28	2,5	Komura	Aut	Kine	
Soligor	28	2,5		Aut	KORR	EMYS
Panagor	28	2,5		Aut	Kine	1969
Vivitar	28	2,5	Auto Vivitar	Aut	Kine	-1968 FM
Schacht	28	2,8	Exaktar	Aut	Real	
Ihagee West	28	2,8	Super-Exaktar	Aut	Real	= (Auto) Exaktar
Bushnell	28	2,8		Aut	Kine	-1968 EM-adaptamatic
Aico	28	2,8		PS	Kine	EM
Panagor	28	2,8		PS	Kine	
Sigma	28	2,8	Widemax		Kino	
Elicar	28	2,8		AUT	Real	
Sigma	28	2,8	Widemax	Aut	KORR	1972 EMYS
Camron	28	2,8	Auto Wide	Aut	Kine	
Sterling-Howard	28	2,8	Amitar	PS	Kine	-1968 EMT2
Kalimar	28	2,8	Kaligar	Aut	Kine	-1968 FM
Soligor	28	2,8		PS	Kine	+1962 EMT2
Juplen	28	2,8		Aut	Kine	-1968 FM
Vemar	28	2,8		Aut	Kine	
Unitor	28	2,8	Auto Wide	Aut	Kine	-1976
Hanimex	28	2,8		PS	Kine	EM
Aragon	28	2,8	Auto Aragon	Aut	Kine	
Berolina	28	2,8	Auto Berolina	Aut	Kine	FM
Promura	28	2,8	Wide Angle		Kine	
Optomax	28	2,8	Optomax Wide		Kine	
Sterling-Howard	28	2,8	Astranar	PS	Kine	-1977 EMT2
Cavalier	28	2,8		Aut	Kine	

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Telesar	28	2,8	Auto Telesar Wide	Aut	Kine	
Aetna Optix	28	2,8	Rokunar	Aut	KORR	EMYS
Caspeco	28	2,8		PS	Kine	-1967 EMT2
Universar	28	2,8	Auto	Aut	Kine	
Aetna Optix	28	2,8	Terragon	PS	Kine	-1977 EMT2 =Gam T, Taika T, Acc
Vivitar	28	2,8		PS	Kine	-1977 EMT2
Accura	28	2,8	Wide-Angle	PS	Kine	-1964 EMT2
Eyemik	28	2,8	Auto Wide	Aut	Kine	
Topcon	28	2,8	R.Topcor	PS	Kine	1957
Tokina	28	2,8		PS	Kine	-1970 EM T2orTST
Vivitar	28	2,8		Aut	Kine	+1965 FM
Cambridge Cam	28	2,8	Cambron	PS	Kine	-1977 EMT2
Soligor	28	2,8	Auto Wide	Aut	Kine	black diaphragm ring fixed mount
Prinz	28	2,8	Rexagon Automatic	Aut	RTL	1971
Vivitar	28	2,8	Auto Vivitar	Aut	Kine	-1967 EMT4
Aetna Optix	28	2,8	Auto Rokunar	Aut	Kine	-1967 FM
Ihagee West	28	2,8	Auto Exaktar	Aut	Top	
Miida	28	2,8		Aut	Kine	1972
Accura	28	2,8	Diamatic Auto Wide	Aut	Kine	
Tamron	28	2,8	Auto-Tamron	Aut	OB	-1970 EM-adaptamatic
Bass Cam Co	28	2,8	Exaktar	Aut	Kine	+1972
Mosler	28	2,8	Photoguard	PS	Kine	
Bass Cam Co	28	2,8		Aut	Kine	+1967
Schachtlike	28	2,8	Super-Travenar Auto	Aut	Kine	Japan, not Schacht
Lentar	28	2,8	Auto Wide	Aut	Kine	FM
Lentar	28	2,8		PS	Kine	1965 EMT2
Angenieux	28	2,8	R11	Man	Kine	1950 one-of-a-kind? Sn 198921
Accura	28	2,8		Aut	KORR	-1968 EMYS
Elicar	28	2,8	Weitwinkel Aut	Aut	Kine	
Spiratone	28	2,8	Expandar Wide Angle	PS	Kine	-1965 EMT2 8el
Typonar	28	2,8		PS	Kine	EMT2 FT58
PRO	28	2,8	Automatic	Aut	Kine	
Prinz	28	2,8	Rexagon	PS	Kine	EMT2
Spiratone	28	2,8	Wideangle	Aut	KORR	-1967 EMYS
Soligor	28	2,8		Aut	Kine	alu diaphragm ring fixed mount
Aetna Optix	28	2,8			RTL	
Beroflex	28	2,8	Auto Beroflex Wide	Aut	Kine	
Sankyo	28	2,8	Komura	PS	Kine	
Doron	28	2,8	Doron-Color	Aut	Kine	
Soligor	28	2,8	Auto	Aut	Kine	+1967 EMT4
Tokyo Koki	28	3,0	W.Tokina	PS	Kine	
Hanimex	28	3,0		PS	Kine	EMT2
Caspeco	28	3,0		PS	Kine	-1965 EMT2
Lentar	28	3,0	Super	PS	Kine	
Exakta Cam Co	28	3,0	Exakta	PS	Kine	-1970 FM
Vemar	28	3,0		PS	Kine	EMT2
Hanimar	28	3,0		PS	Kine	
UGL	28	3,5	Super Condoron	PS	Kine	
Sonnagar	28	3,5	Wide Angle	PS	Kine	-1967 EMT2
Enna	28	3,5	Ennalyt		Kine	EMT2?
Edixa	28	3,5	Eximar Super W		Kine	
Enna	28	3,5	Ultra-Sandmar		MM	1958
Enna	28	3,5	Lithagon		AM	1963
Sankyo	28	3,5	Auto Komura	Aut	Kine	-1968 EM-UnidapterAuto

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Aetna Optix	28	3,5	Super Terragon	PS	Kine	-1965 EMT2
Accura	28	3,5	Accurar	PS	Kine	-1967 EM
Corfield	28	3,5	Lumax	PS	Kine	
Caspeco	28	3,5	Caspeco T	PS	Kine	EMT2
Angenieux	28	3,5	R11	Man	Kine	1953 black, chrome rings
Enna	28	3,5	Ultra Lithagon	PS	Kine	1959
Sankyo	28	3,5	Komura	PS	Kine	-1968 EM Unidapter
Angenieux	28	3,5	R11	Aut	Kine	1959 chrome
Sankyo	28	3,5	W-Komura	PS	Kine	EMT2
Schacht	28	3,5	Travegon	PS	Kine	1969
Spiratone	28	3,5	Expandar	PS	Kine	-1965 EMT2
Lumax Japan	28	3,5	Gold Star Wide Angle	PS	Kine	
Angenieux	28	3,5	R11	PS	Kine	1956 black, chrome rings
Angenieux	28	3,5	R11	Aut	Kine	1961 black
Schneider	28	4,0	Curtagon	Aut	Kine	1959
Schneider	28	4,0	Curtagon	Aut	Real	1966
Schneider	28	4,0	Curtagon + cell	Aut	Kine	1961
Isco	28	4,0	Westron	PS	Kine	1962
Sesnon	28	4,0	Auto-Sesnon	Aut	Real	
Pentacon	29	2,8		Aut	RTL	FM
Meyer	29	2,8	Orestegon	Aut	RTL	
Meyer	29	2,8	Orestegon	Aut	RTL	prototype (Muster)
Rodenstock	30	2,8	Eurygon	PS	Kine	1951
Rodenstock	30	2,8	Eurygon	Aut	Kine	1956
Topcon	30	3,5	Macro-Topcor	Man	Kine	
Pentacon	30	3,5	(Lydith)	PS	Kine	1972
Meyer	30	3,5	Lydith	PS	Kine	1962
Enna	35	1,9	Super Sandmar	Aut	MM	1958 Socket
Enna	35	1,9	Super Lithagon	PS	Kine	1959
NKK Tokyo	35	2,2	Polygon	PS	Kine	
Walter Voss	35	2,5	Votar	PS	Kine	
Sankyo	35	2,5	Auto Komura	Aut	Kine	-1968 EM-UnidapterAuto
Optinar	35	2,5		PS	Kine	1957
Kawanon	35	2,5		PS	Kine	~1966 EMT2
Sonnagar	35	2,5		PS	Kine	-1964 EMT2
Angenieux	35	2,5	R1	Man	Kine	1950 black, chrome rings
Scopus	35	2,5	Rotar	PS	Kine	-1960
Angenieux	35	2,5	R1	Aut	Kine	1959 chrome
Angenieux	35	2,5	R1	Aut	Kine	1961 black
Sankyo	35	2,5	Komura Uni Auto	Aut	Real	
Aetna Optix	35	2,5	Rokunon	PS	Kine	-1965 EM
Renoit Etoile	35	2,5		PS	Kine	
Isco	35	2,5	Westron	PS	Kine	EMIC
Kine Camera Cy	35	2,5	Kinegon	PS	Kine	-1960
Voss Photo	35	2,5	Voss	PS	Kine	-1960
NKK Tokyo	35	2,5	Polygon	PS	Kine	FM
Angenieux	35	2,5	R1	PS	Kine	1956 black, chrome rings
Sankyo	35	2,5	Komura	PS	Kine	-1968 EM-Unidapter
Juplen	35	2,5		PS	Kine	
Sankyo	35	2,5	Komura	PS	Kine	FM
Fujita	35	2,5	Retrofocus/Fujitar	PS	Kine	
Telesar	35	2,5		Aut	Kine	-1965
Taylor	35	2,5		?	Kine	
Telesar	35	2,5		PS	Kine	-1965

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Enna	35	2,5	Super-Lithagon	PS	Kine	1955
Ritagon	35	2,5	Super-Ritagon	PS	Kine	
IhageeSteinheil	35	2,8	Exagon	Aut	Kine	1961
Zeiss	35	2,8	Macro-Flektogon	Aut	Kine	1963 leatherette focusing
Ina	35	2,8	Wide Angle	PS	Kine	FM
Schacht	35	2,8	M-Travenar R	?	Kine	
Amitar	35	2,8		PS	Kine	FM
Ihagee West	35	2,8	Carenar	Aut	Real	
Ihagee West	35	2,8	Super-Exaktar	Aut	Real	= Exaktar Auto
Sigma	35	2,8		Aut	KORR	1976 EMYS
Peerotar	35	2,8		PS	Kine	
Lentar	35	2,8		Aut	Kine	1972
Raynox	35	2,8	Wide-Angle	PS	Kine	
Tokyo Koki	35	2,8	W.Tokina	PS	Kine	
Piesker	35	2,8	Picon	PS	Kine	1951 FM
Caspeco	35	2,8		PS	Kine	-1965 EMT2
Samigon	35	2,8		PS	Kine	-1965 EMT2
Kalimar	35	2,8	Kaligar	PS	Kine	-1965 EMT2
Sterling-Howard	35	2,8	Astranar	PS	Kine	-1977 EMT2
Juplen	35	2,8		PS	Kine	-1965 EMT2
Aetna Optix	35	2,8	Rokunar	Aut	KORR	EMYS
Ihagee West	35	2,8	Auto Exaktar	Aut	Top	
Miida	35	2,8	Automatic	Aut	Kine	1972
Cambridge Cam	35	2,8	Cambron	PS	Kine	-1977 EMT2
Focal	35	2,8			Kine	
Cosina	35	2,8	Cosinon	Aut	Real	
Vorn	35	2,8	Wide Angle	PS	Kine	black or alu lens mount
Isco	35	2,8	Westron	Aut	Kine	1965 plastic
Schacht	35	2,8	S-Travegon	Aut	Kine	1962
Beroflex	35	2,8	Auto Beriflex	Aut	Kine	FM
Sankyo	35	2,8	Komura	PS	Kine	-1960 EM-Unidapter
Schacht	35	2,8	S-Travegon	Aut	Real	1966
Sesnon	35	2,8	Auto-Sesnon	Aut	Real	
Ashreh	35	2,8		PS	Kine	+1965 EMT2
Steinheil	35	2,8	Auto-Quinaron	Aut	Kine	1956 lever release
Steinheil	35	2,8	Macro-Quinaron	Aut	Kine	1965 twin helical
Mosler	35	2,8	(Photoguard)	PS	Kine	
Juplen	35	2,8		PS	Kine	+1957 FM
Lentar	35	2,8	Super Lentar	PS	Kine	EMT2
Bass Cam Co	35	2,8	Exaktar	Aut	Kine	+1972
Sonnagar	35	2,8		PS	Kine	-1964 EMT2
Bass Cam Co	35	2,8		PS	Kine	+1967 EMT2
Spiratone	35	2,8	Wide-Angle (Expandar)	PS	Kine	-1964 EMT2
Schneider	35	2,8	Curtagon	Aut	Kine	1958
Bass Cam Co	35	2,8		Aut	Kine	+1967
Steinheil	35	2,8	Auto-(D)-Quinaron	Aut	Kine	1965 pushbutton release
Telesar	35	2,8		Aut	Kine	-1965
Sigma	35	2,8		PS	Kine	1965 EMT2
PRO	35	2,8	Automatic	Aut	Kine	
Kalimar	35	2,8	Auto-T Wide	Aut	Kine	EM Auto-T
Tamron	35	2,8		PS	Kine	EMT2
Zeiss	35	2,8	Flektogon	CS	Kine	1950 leatherette focusing
Spiratone	35	2,8		Aut	KORR	-1967 EMYS
Telesar	35	2,8	Wide Angle	PS	Kine	-1965



Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Hanimex	35	2,8		PS	Kine	EM
Tamron	35	2,8	Auto Tamron	Aut	OB	+1967 EM-adaptamatic
Zeiss	35	2,8	Flektogon	Man	Kine	+1958 leatherette focusing
Prinz	35	2,8	Rexagon Automatic	Aut	Kine	
Kalimar	35	2,8	Kaligar	Aut	Real	-1975 EM-Auto-T
Soligor	35	2,8	Prominar	Aut	Kine	FM
Schneider	35	2,8	Curtagon	Aut	Real	
	35	2,8	Kimunor	Man	Kine	EMT2
Corfield	35	2,8	Retro-Lumax	PS	Kine	
Unitor	35	2,8	Auto Wide	Aut	Kine	
Varexon	35	2,8			Kine	
Beroflex	35	2,8	Wide-Angle	Aut	Kine	
Accura	35	2,8		Aut	KORR	-1968 EMYS
Soligor	35	2,8	Auto	Aut	Kine	+1967 EMT4
Itoh	35	2,8	Auto Higon	Aut	KORR	EMYS
Caspeco	35	2,8	Exakta	PS	Kine	-1968 FM
Camron	35	2,8	Auto Wide	Aut	Kine	
Isco	35	2,8	Berolina-Westromat	Aut	Kine	
	35	2,8	Terravar	PS	Kine	T2
Kalimar	35	2,8	Kaligar	Aut	Kine	-1968 FM
Juplen	35	2,8		Aut	Kine	-1968 FM
Taiyo & Co	35	2,8	Yamatar	Aut	Kine	-1970 EMTZ
Zeiss	35	2,8	Flektogon	Aut	Kine	1983 wafered focusing DDR
Porst	35	2,8	Color	Aut	Kine	
Vivitar	35	2,8	Auto Vivitar	Aut	Kine	-1967 FM
Zeiss	35	2,8	Macro-Flektogon	Aut	Kine	1965 dimpled focusing
Zeiss	35	2,8	Macro-Flektogon	Aut	Kine	1966 ridged black/chrome focring
Zeiss	35	2,8	Flektogon	Aut	Kine	1966 ridg bl/chr focusing East G
Zeiss	35	2,8	Macro-Flektogon	Aut	Kine	1971 black
Welt	35	2,8		PS	Kine	EMT2
Doron?	35	2,8	Doro-ColorAuto Wide	Aut	Kine	
Steinheil	35	2,8	Quinaron	PS	Man	+1950
Bushnell	35	2,8		Aut	Kine	-1968 EM-adaptamatic
Aetna Optix	35	2,8	Auto Rokunar	Aut	Kine	-1967 FM
Zeiss	35	2,8	Flektogon	SA	Kine	1965
Soligor	35	2,8		PS	Kine	+1962 EMT2
Ponder & Best	35	2,8	Wide Angle	PS?	Kine	
Zeiss	35	2,8	Flektogon	PS	Kine	1952
Harmony	35	2,8		PS	Kine	
Zeiss	35	2,8	Flektogon	Aut	Kine	1963 leatherette focring min 16cm
Enna	35	2,8	Sandmar		MM	1958
Kashimura	35	2,8			Kine	T2
Vemar	35	2,8	Wide Angle	PS	Kine	
Isco	35	2,8	Westron	Aut	Kine	1965
Taiyo & Co	35	2,8	Yamatar	PS	Kine	-1970 EMTZ
Exakta Cam Co	35	2,8	Exakta Wide Angle	PS	Kine	-1967
Enna	35	2,8	Lithagon	PS	Kine	1959
Schacht	35	2,8	Exaktar	Aut	Real	-1974
Sun	35	2,8		PS	Kine	-1964 EMT2
Steinheil	35	2,8	Exagon	Aut	Real	= Auto D Quinaron
Isco	35	2,8	Isco-mat LM	Aut	Kine	1961for light meter
Aragon	35	2,8	Auto	Aut	Kine	
Sterling-Howard	35	2,8	Amitar	PS	Kine	-1965 EM
Tokina	35	2,8		PS	Kine	-1970 EM T2orTST

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Zeiss	35	2,8	Flektogon	Aut	Kine	1960 leatherette focring min 36cm
Vivitar	35	2,8		PS	Kine	-1965 EMT2
Piesker	35	2,8	Voss	PS	Kine	1951 FM
Mamiya-Sekor	35	2,8		Aut	Mam	
Suntar	35	2,8		Aut	KORR	EMYS
Enna	35	2,8	Lithagon		AM	1963
Soligor	35	2,8		PS	Kine	w box "Telephotolens 35mm"
Aetna Optix	35	2,8	Terragon	PS	Kine	-1965 EMT2
Schneider	35	2,8	Curtagon + cell	Aut	Kine	1961
Palinar	35	2,8	Wide Angle	PS	Kine	EM
Accura	35	2,8		PS	Kine	-1965 EMT2
Prinz	35	2,8	Rexagon	PS	Kine	EMT2
Hanimar	35	3,5	Hanimar Wide	CS	Kine	
Juplen	35	3,5		PS	Kine	+1957 FM
Schacht	35	3,5	Travegon R	SA	Kine	1956
Schacht	35	3,5	Travegon	Aut	Kine	1969
Lentar	35	3,5	Super Lentar	PS	Kine	EMT2
Schacht	35	3,5	Travenar	PS	Kine	1970
Spiratone	35	3,5	Macrotar Anastigm	CS	Kine	FM no focussing
Optinar	35	3,5		PS	Kine	1957
Sonnagar	35	3,5		?	Kine	FM
Ponder & Best	35	3,5	P&B	Man	Kine	
Universar	35	3,5		PS	Kine	
Exakta Cam Co	35	3,5	Exakta Wide Angle	PS	Kine	-1967
Spiratone	35	3,5	(Expandar)	PS	Kine	-1968 EMT2
Samigon	35	3,5		PS	Kine	-1968 EMT2
Juplen	35	3,5		PS	Kine	-1968 EMT2
Vivitar	35	3,5		PS	Kine	-1967 EMT2
Cambridge Cam	35	3,5	Cambron	PS	Kine	-1977 EMT2
Caspeco	35	3,5		PS	Kine	-1965 EMT2
Spiratone	35	3,5	Macro lens	Man	Kine	-1965 FM no focussing
Soligor	35	3,5		PS	Kine	FM ft
Kalimar	35	3,5	Kaligar	PS	Kine	-1968 EMT2
Sterling-Howard	35	3,5	Amitar	PS	Kine	-1968 EMT2
	35	3,5	Reflexogon	CS	Kine	= Enna Lithagon
Walter Voss	35	3,5	Votar	PS	Kine	
Soligor	35	3,5		PS	Kine	+1962 EMT2
Taylor	35	3,5		PS	Kine	= Gamma Terragon enz
Novoflex	35	3,5	Noflexar	PS	Kine	-1965 black alu, focus>15cm
Hanimar	35	3,5		PS	Kine	EMT2
Seton Rochwite	35	3,5	KIN-DAR Hypo-Stereo	SA	Kine	ster close-up Steinheil Cassar Inss
Wirgin	35	3,5	Wirgar	PS	Kine	ft
Schneider	35	3,5	Xenagon	Man	Kine	on demand
Peerotar	35	3,5		PS	Kine	=Gamma Terragon
Sankyo	35	3,5	Komura	PS	Kine	-1960
Corfield	35	3,5	Retro-Lumax	PS	Kine	from Enna
Kyoei Optical	35	3,5	W. Acall	PS	Kine	FM -1960
Beroflex	35	3,5	Berogon	PS	Kine	FM
Soligor	35	3,5		Man	Kine	1960 FM
Hanimex	35	3,5		PS	Kine	
Gamma	35	3,5	Terragon	PS	Kine	= Aetna T, Gamma T, Accurar
Aetna Optix	35	3,5	Taika Taragon	PS	Kine	-1960
Telesar	35	3,5		PS	Kine	-1960 FM
Fodor	35	3,5		PS	Kine	

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Voss Photo	35	3,5	Voss	PS	Kine	-1960
Accura	35	3,5	Accurar	PS	Kine	=Gamma Terragon
Taika	35	3,5	Terragon	PS	Kine	=Gamma T, Aetna T, Accurar
Scopus	35	3,5	Rotar	PS	Kine	-1960
Edixa	35	3,5	Eximar Weitwinkel		Kine	
Cunor	35	3,5	Wide	Man	Kine	
Primax	35	3,5		PS	Kine	
Ross	35	3,5	Definex		Kine	
Imperial	35	3,5		PS	Kine	EMT2?
Telisar	35	3,5			Kine	
Photax	35	3,5			Kine	
Hacogor	35	3,5	--	PS	Kine	
Marexar	35	3,5		PS	Kine	EMT2
Berolina	35	3,5	Weitwinkel	PS	Kine	FM p "N"
Isco	35	3,5	Westron	PS	Kine	1962
Kawakami	35	3,5	Rolmax		Kine	
	35	3,5	Hacogor	PS	Kine	
Steinheil	35	3,5	Auto-Culmigon	Aut	Kine	1961
Enna	35	3,5	Ennalyt	PS	Kine	EMT2
Enna	35	3,5	Ennalyt	PS	Kine	1965 plastic
Kashimura	35	3,5	Dianon	PS	Kine	EMT2
Enna	35	3,5	Lithagon	CS	Kine	1965
Isco	35	3,5	Westron	CS	Kine	1958 EMIC plastic
Schneider	35	4,0	Radiogon	PS	Kine	1957
Schneider	35	4,0	Curtagon	PS	Kine	1959
Seton Rochwite	35	4,0	Hyponar	Aut	Kine	ster close-up; mirror closes diaph.
Schneider	35	4,0	Curtagon PA	Man	Kine	1966 EMSc shift lens
Seton Rochwite	35	4,0	KIN-DAR Hypo-Stereo	SA	Kine	stereo close-up one-of-a-kind
Meyer	35	4,5	Primagon	PS	Kine	red IR dot; no depthoffield lines
Meyer	35	4,5	Primagon	PS	Kine	red V; no IR dot
Steinheil	35	4,5	Culmigon	Man	Kine	1949
Meyer	35	4,5	Meyer-Weitwinkel	PS	Kine	-1959
Meyer	35	4,5	Primagon	PS	Kine	red IR dot; depth-of-field lines
Enna	35	4,5	Lithagon	PS	Kine	1953
Steinheil	36	2,8	Cassarit		Kine	
Schneider	36	5,5		Man	66	no name or serial number
MIR	37	2,8			Kine	Russian Flectogon copy
MTO Zenit	37	2,8	Mir-1		Kine	K1622 Ca 1964
SOM Berthiot	38	5,7	Olor	Man	Kine	FM
Meyer	38	6,8	Weitwinkel	Man	Kine	1936 Doppel Anastigmat
Zoomar	40	2,8	Macro-Kilar D	PS	Kine	-1968 EMKil
Kilfitt	40	2,8	Makro-Kilar E	PS	Kine	1956 black -4"
Zoomar	40	2,8	Macro Zoomatar A		Kine	
Kilfitt	40	2,8	Makro-Kilar D	PS	Kine	1956 black -2"
Zoomar	40	2,8	Macro-Kilar E	PS	Kine	-1968 EMKil
Kilfitt	40	2,8	Makro-Kilar E	PS	Kine	1956 chrome -4"
Kilfitt	40	2,8	Makro-Kilar D	PS	Kine	1956 chrome -2"
Steinheil	40	3,5	Cassaron	Man	Kine	1952
Zeiss	40	3,5	Luminar		Kine	
Kilfitt	40	3,5	Makro-Kilar E	Man	Kine	1955 black -4"
Kilfitt	40	3,5	Makro-Kilar E	Man	Kine	1955 chrome -4" black focus band
SOM Berthiot	40	3,5	Flor	Man	Kine	
Olympus	40	3,5	Zuiko	PS	Kine	Zuiko C chrome
Kilfitt Vaduz	40	3,5	Makro-Kilar D	Man	Kine	m+ft

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Olympus	40	3,5	Zuiko	PS	Kine	FC Zuiko chrome
Kilfitt	40	3,5	Makro-Kilar D	Man	Kine	1955 chrome -2"
Kilfitt	40	3,5	Makro-Kilar D	Man	Kine	1955 black -2"
Old Delft	40	3,5	Minor	Man	Kine	ca 1949 EM
Olympus	40	3,5		Man	Kine	-1953 zwart
Coleman	40	3,5	Monitor	CS?	Kine	
Meyer	40	4,5	Helioplan	PS	Kine	1953 FT40.5
Piesker	40	4,5	Piconar	Man	Kine	barrel with grooves & grips
Meyer	40	4,5	Weitwinkel	Man	Kine	1938 Doppel Anastigmat
Zeiss	40	4,5	Tessar	Man	Kine	1937 4cm FT26.6
Meyer	40	4,5	Helioplan	Man	Kine	1938
Zeiss	40	4,5	Tessar	Man	Kine	1938 4cm FT30.5
Meyer	40	4,5	Helioplan	PS	Kine	1952 FT 34.5
Piesker	40	4,5	Piconar	Man	Kine	1952 barrel with grooves only
Meyer	40	4,5	Helioplan	Man	Kine	1 5/8 inch
Meyer	40	4,5	Helioplan	Man	Kine	1949 +/- coating
Meyer	40	4,5	Weitwinkel	Man	Kine	1939 no coating Pancake type
Schneider	40	4,5	Isogon	Man	Kine	1950
Isco	40	4,5	Isogon	CS	Kine	1967
Meyer	40	4,5	Weitwinkel	Man	Kine	1948
Zeiss	40	4,5	Tessar	Man	Kine	1952 FT49
Zeiss	40	6,3	Tessar	Man	Kine	-1940
Plusflex	45	2,8	Autopluscaron	Aut	Plus	
	45	2,8	Finetar	Man	Kine	Pancake lens
Mamiya-Sekor	48	2,8	F.C.	Aut	Mam	
Zeiss	50	1,4	Biotar	Man	Kine	-1930! adapted one?
Ihagee West	50	1,4	Exaktar (Auto)	Aut	Real	
Pentacon	50	1,4	Pentaconar	Aut	RTL	1969
Angenieux	50	1,5	S21	PS	Kine	1950 black, chrome rings
SOM Berthiot	50	1,5		Man	Kine	
Voigtländer	50	1,5	Nokton		Kine	Prototype?
Pentacon	50	1,8	Pentaconar auto	Aut	RTL	
Zeiss	50	1,8	Pancolar	Aut	RTL	1970 stop numbers on alu
Bell & Howell	50	1,8		Aut	Real	
Ihagee West	50	1,8	Carenar Auto	Aut	Real	= Exaktar Auto
Ihagee West	50	1,8	Exaktar Auto	Aut	Real	= Carenar Auto
Zeiss	50	1,8	Pancolar	Aut	RTL	1970 stop numbers on black
Schacht	50	1,8	Super-Travelon	Aut	Kine	1962
Schacht	50	1,8	S-Travelon	Aut	Real	1966
Meyer	50	1,8	Oreston	Aut	RTL	prototype (Muster)
Pentacon	50	1,8	Electric		Kine	
Angenieux	50	1,8	S1	Man	Kine	1952
Meyer	50	1,8	Oreston	Aut	RTL	
Pentacon	50	1,8	Pentacon Auto	Aut	RTL	
Schacht	50	1,8	Exaktar	Aut	Real	-1974
Ihagee West	50	1,8	Super-Exaktar	Aut	Real	
Enna	50	1,9	Sandmar		MM	1958
Enna	50	1,9	Ennalyt		AM	1963
Schneider	50	1,9	Xenon	SA	Kine	rare version
Rodenstock	50	1,9	Heligon	PS	Kine	1951
Schneider	50	1,9	Xenon	Aut	Kine	1956 black; cylindrl release arm
Schneider	50	1,9	Xenon	Aut	Kine	1958 depth-of-field indicator
Schneider	50	1,9	Xenon	Aut	Kine	1954 chrome
Meyer	50	1,9	Primoplan	PS	Kine	1953 sometimes hit by mirror

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Schneider	50	1,9	Xenon	Aut	Kine	1968 black
Schneider	50	1,9	Xenon	Aut	Real	
Isco	50	1,9	Westrocolor	Aut	Kine	1961
Zeiss	50	1,9	Primoplan	Man	Kine	1936
Rodenstock	50	1,9	Heligon	Aut	Kine	1956
Schneider	50	1,9	Xenon	SA	Kine	1949 double cable rel or button
Dallmeyer	50	1,9	Super-Six	Man	Kine	2"
Isco	50	1,9	Isco-mat LM	Aut	Kine	1961 for light meter
Isco	50	1,9	Isco-Maton BLM		Kine	for light meter
Schneider	50	1,9	Xenar	Aut	Real	
Canon	50	1,9		Aut	Mam	= Mamiya
Schneider	50	1,9	Xenon	PS	Kine	1950 double-cable release
Schneider	50	1,9	Xenon + cell	Aut	Kine	1961
Soligor Miranda	50	1,9		Aut	Kine	
Schneider	50	2,0	Xenon	Man	Kine	1953
Zeiss fake	50	2,0	Pancolar (Jap)	Aut	Kine	Auto Exaktar black, chr diaring
Isco	50	2,0	Westagon	Aut	Kine	1954 chrome "milled" foc ring
Meyer	50	2,0	Domiron	Aut	Kine	1960 black
Isco	50	2,0	Iscoliton	Aut	Kine	1962
Meyer	50	2,0	Domiron	Aut	Kine	1961 alu/black
Schneider	50	2,0	Xenon	Man	Kine	1948 chrome on brass
Zeiss	50	2,0	Exaktar	Aut	Kine	
Zeiss	50	2,0	Pancolar	Aut	Kine	1968 dimp focring dof ind diaring al
Schneider	50	2,0	Iscoliton	Aut	Kine	
Schneider	50	2,0	Xenon	Man	Kine	1936 5cm
Zeiss	50	2,0	Flexon	Aut	Kine	rare in Exakta mount
Meyer	50	2,0	D	Aut	Kine	1962 alu =Domiron
Zeiss	50	2,0	Pancolar	Aut	Kine	1966 ridged focring black/chrome
Zeiss	50	2,0	Pancolar	Aut	Kine	1968 leath focring dof ind diaring al
Zeiss	50	2,0	Pancolar	Aut	Kine	1964 dimpled focring black
Zeiss	50	2,0	Pancolar	Aut	Kine	1964 dimpled focring black/chrome
Schneider	50	2,0	Xenon	PS	Kine	
Zeiss	50	2,0	Pancolar	Aut	Kine	1959 leather focring no dof indicato
Exakta Cam Co	50	2,0	Exaktar	Aut	Kine	alu focusing ring
Zeiss	50	2,0	Flexon	Aut	Kine	
Schneider	50	2,0	Xenon	CS	Kine	-1948 chrome on brass
Exakta Cam Co	50	2,0	Exaktar	Aut	Kine	zebra focusing ring
Meyer	50	2,7	Makro Plasmat	Man	Kine	1936 FM
Exakta Cam Co	50	2,8	Extenar	Man	Kine	= Schacht M-Travenar
Meyer	50	2,8	Trioplan	Man	Kine	1940's alu rare
Schneider	50	2,8	Xenar	Man	Kine	1936 5cm
Zeiss	50	2,8	Tessar	Man	Kine	1954 plainstraitbase dimpled focring
Zeiss	50	2,8	Tessar	Man	Kine	1952 5cm FT35.5
Schneider	50	2,8	Xenon	SA	Kine	-1950 cocking ring+push button
Schacht	50	2,8	Travenar	Aut	Kine	1963
Zeiss	50	2,8	Tessar	Man	Kine	1939 smallchar plainconicalbase
Zeiss	50	2,8	Tessar	Man	Kine	1949 smallchar alu blackbayo
Schacht	50	2,8	M-Travenar	Man	Kine	SM + macro tube
Pentacon	50	2,8	Pentaflex Color	Aut	Kine	= Domiplan
Zeiss	50	2,8	Tessar	Man	Kine	+1956 SM bright+black alu
Zeiss	50	2,8	Tessar	Man	Kine	1940 largechar alu
Zeiss	50	2,8	Tessar	Man	Kine	1949 smallchar chrome/brass chr b
Schacht	50	2,8	Travenar	Aut	Real	1966
Schneider	50	2,8	Xenar	Man	Kine	-1942 chrome on brass

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Coleman-Dynam	50	2,8		CS	Kine	~1960
Isco	50	2,8	Iscorama	Aut	Kine	Ca 1966 anamorph panorama lens
Schacht-Edixa	50	2,8	Travenar		Kine	
Steinheil	50	2,8	Cassar S	Man	Kine	1956
Original Jena	50	2,8		Aut	Kine	=Tessar 1966 from Seymours
Meyer	50	2,8	Domiplan	Aut	Kine	1963 FT49 chrome rocker release
Zeiss	50	2,8	Tessar	SA	Kine	1955
Isco	50	2,8	Iscotar	Aut	Kine	1965 black
Topcon	50	2,8	R.Topcor	PS	Kine	1957 pre-series only
Isco	50	2,8	Westar	CS	Kine	1954
Zeiss	50	2,8	Tessar	Aut	Kine	1978? black "DDR"
Meyer	50	2,8	Primotar	PS	Kine	1959 black/chrome rings
Ernst Abbe Jena	50	2,8	T(essar)	PS	Kine	-1954 extremely rare
Schneider	50	2,8	Xenar	Aut	Kine	1956
Schacht	50	2,8	Makro Travenar	Aut	Real	1966
Zeiss	50	2,8	Tessar	Aut	Kine	1959 leatherette focusing
Schacht	50	2,8	Travegar	Aut	Kine	1969
Zeiss	50	2,8	Tessar	Aut	Kine	1963 dimpled ring
Zeiss	50	2,8	Tessar	Man	Kine	1936 largechar chrome/brass
Isco	50	2,8	Westanar	Aut	Kine	1954 chrome ridged foc ring
Schacht	50	2,8	Travenar	APS	Kine	1954
Meyer	50	2,8	Domiplan	Aut	Kine	1967 black rocker release
Isco	50	2,8	Isconar	CS	Kine	
Schneider	50	2,8	Edixa-Xenar	?	Kine	ca 1961
Zeiss	50	2,8	Tessar	Aut	Kine	1966 ridged black/chrome
Zeiss	50	2,8	Tessar	CS	Kine	1957
Zeiss	50	2,8	Tessar	Aut	Kine	1975 black wafered ring
Schneider	50	2,8	Xenar	PS	Kine	1954
Zeiss	50	2,8	Tessar	Man	Kine	1936 nickel and black
Zeiss	50	2,8	Tessar	PS	Kine	1950
SOM Berthiot	50	2,8	Flor	Man	Kine	
Schacht	50	2,8	Travenar	PS	Kine	1955
Schneider	50	2,8	Xenar	Aut	Real	
Meyer	50	2,8	Domiplan	Aut	Kine	1960 FT40.5
Ludwig	50	2,9	Victar	Man	Kine	chrome brass no sn one-of-a-kind?
Ludwig	50	2,9	Victar	Man	Kine	1938 alu
Ludwig	50	2,9	Peronar	Man	Kine	1951 alu
Ludwig	50	2,9	Meritar	PS	Kine	1956 ridged focus ring
Ludwig	50	2,9	Meritar	PS	Kine	1961 alu/black rings
Ludwig	50	2,9	Meritar	Man	Kine	1951crossgrooved rings m/f
Ludwig	50	2,9	Victar anastigmat	Man	Kine	no serial number or factory name
Ludwig	50	2,9	Victar Anastigmat	Man	Kine	bi-metal no sn one-of-a-kind?
Meyer	50	2,9	Trioplan	CS	Kine	1951
Meyer	50	2,9	Trioplan	Man	Kine	1949
Meyer	50	2,9	Trioplan	CS	Kine	1958
Ludwig	50	2,9	Meritar	Man	Kine	1954 ridged focus ring
Ludwig	50	2,9	Meritar	Man	Kine	1953 parallel grooved rings
Meyer	50	2,9	Trioplan	PS	Kine	1953
Isco	50	3,5	Isconar	CS	Kine	1961
Meyer	50	3,5	Primotar E	PS	Kine	1953
Ihagee	50	3,5	Exaktar	Man	Kine	1936 = Meyer Primotar
Zeiss	50	3,5	Tessar	PS	Kine	1950 alu
Zeiss	50	3,5	Tessar	Man	Kine	1940 largechar alu uncoated
Steinheil	50	3,5	Macro-Cassarit	Man	Kine	1962 SM

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Will Wetzlar	50	3,5	Macro-Doryt	Man	Kine	SM
Carl Meyer	50	3,5	SC-99	PS	Kine	=Tessar by Burke & James
Meyer	50	3,5	Primotar E	Aut	Kine	1956 single release
Meyer	50	3,5	Primotar E	Aut	Kine	1955 double release
Schneider	50	3,5	Xenar	Man	Kine	1954
Meyer	50	3,5	Primotar E	Aut	Kine	1960 rocker release
Zeiss	50	3,5	Tessar	Man	Kine	1947 smallchar alu shortbase
Zeiss	50	3,5	Tessar	Man	Kine	1936 largechar chr/brass uncoated
Zeiss	50	3,5	Tessar	Man	Kine	1947 smallchar alu lngbase coated
Meyer	50	3,5	Primotar	Aut	Kine	1957
Zeiss	50	3,5	Tessar	Man	Kine	1950 smallchar "50mm" coated
Schneider	50	3,5	Xenar	Man	Kine	1936 5cm
Zeiss	50	3,5	Tessar	Man	Kine	1948 smallchar chr/brass coating+/-
Zeiss	50	4,5	Tessar Macro	Man	Kine	
Itorex	50	40,0	Pan-Focus	---	Kine	EMT2 extreme depth-of-field
Kalimar	52	3,5	Kaligar HC		Kine	
Topcon	53	3,5	Macro Topcor	SA	Kine	-1968 SM
Ihagee	54	3,5	Anast. Exaktar	Man	Kine	5,4cm m or ft = Meyer Primotar
Meyer	54	3,5	Primotar	Man	Kine	1936
Ihagee West	55	1,4	Carenar Auto	Aut	Real	
Schacht	55	1,4	Exaktar	Aut	Real	-1974
Bell & Howell	55	1,4		Aut	Real	
Ihagee West	55	1,4	Super-Exaktar	Aut	Real	
SOM Berthiot	55	1,5	Flor	Man	Kine	chrome, with black front
Ihagee West	55	1,7	(Auto) Exaktar	Aut	Top	
Steinheil	55	1,9	Auto-Quinon	Aut	Kine	1955
Steinheil	55	1,9	Macro-D-Quinon	Aut	Kine	1963
Steinheil	55	1,9	Macro-S-Quinon	Aut	Kine	1965
Steinheil	55	1,9	Macro-Quinon	Aut	Kine	1963
Steinheil	55	1,9	Auto-D-Quinon	Aut	Kine	+1958
Sigma	55	2,8		Aut	KORR	1976 EMYS macro1/2
Ihagee West	55	4,5	Exaktar Auto		Real	
Zeiss	55	8,0	Tessar	Man	VP2	pre-war 5.5cm black
Zeiss	55	8,0	Tessar	Man	VP2	pre-war 5.5cm chrome
Ross	56	3,5	Definex	Man	Kine	
Meyer	56	5,8	Weitw. Doppel Anast	Man	VP2	pre-war
Meyer	56	6,8	Wide Angle doubl. an.	Man	VP2	2¼"
Taika	58	1,2	Harigon	PS	OB	ft
Schacht	58	1,2	Exaktar	Aut	Real	
Ihagee West	58	1,2	Exaktar	Aut	Real	ca 1970
Mamiya-Sekor	58	1,7		Aut	Mam	text F.C.
Mamiya-Sekor	58	1,7		Aut	Mam	
Tokyo Kogaku	58	1,8	RE Auto-Topcor		Kine	
Meyer	58	1,9	Primoplan	Man	Kine	1937 m/ft
Meyer	58	1,9	Primoplan	PS	Kine	1953
Meyer	58	1,9	Primoplan	Man	Kine	1949
Meyer	58	1,9	Imoplan	PS	Kine	
Meyer	58	1,9	Primoplan	Man	Kine	1948
Meyer	58	1,9	Astroplan	Man	Kine	= Primoplan on Astraflex St How
Meyer	58	1,9	Primoplan	Man	Kine	5,8cm
Zeiss	58	2,0	Biotar	Man	Kine	1949 focusin/squarefieldline/alu
Zeiss	58	2,0	Biotar	PS	Kine	1951 alu diaphragm 2-2
Zeiss	58	2,0	Biotar	SA	Kine	1953
	58	2,0	Auto Cosmogon	Aut	Real	from USSR

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Zeiss	58	2,0	Biotar	Man	Kine	1949 foc/squarefieldline/chr.brass
Zeiss	58	2,0	Biotar	Man	Kine	1940's bi-metal alu/chr on brass
Zeiss	58	2,0	Biotar	PS	Kine	1949 black
Zeiss	58	2,0	Riotar	PS	Kine	= Biotar
Zeiss	58	2,0	Otar	PS	Kine	= Biotar very rare
Zeiss	58	2,0	Biotar	Man	Kine	1948 red barrel
Zeiss	58	2,0	(no name Biotar)	PS	Kine	unusual 5-digit number
KMZ a.others	58	2,0	Helios-44	Aut	Kine	1958-1964 K1730
Zeiss	58	2,0	Biotar	Man	Kine	1940 focusingoutside alu
Zeiss	58	2,0	B(iotar)	PS	Kine	alu no number
Zeiss	58	2,0	Biotar	PS	Kine	1953 alu diaphragm 2-16
Zeiss	58	2,0	Biotar	Man	Kine	1948 focusinginside/brokenfieldline/alu
Zeiss	58	2,0	Biotar	Man	Kine	1947 focin/brokendeptline/chr.bras
Zeiss	58	2,0	Biotar	Man	Kine	1936 focringoutside chr/brass
Zeiss	58	2,0	Biotar	Man	Kine	1949 focus/squarefieldline/black
KMZ a.others	58	2,0	Helios-44	Man	Kine	
Zeiss	58	2,0	Biotar	Man	Kine	1948 focus/brokenfieldline/black
Topcon	58	3,5	Macro Topcor	Aut	Top	
SOM Berthiot	59	5,7	Olor	Man	VP2	
Carl Meyer	60	1,5	Speed Anastigmat		Kine	cinelens for close-up, adap by B&J
Zeiss fake	60	1,5	Sonnar	Man	Kine	is really 2.8-80mm alu
Astro Berlin	60	2,0	Gauss-Tachar	Man	Kine	
Ludwig	60	3,5	NEO=Auxanar		Kine	
Zeiss	60	4,0	UV-Objektiv	PS	Kine	1964 up to 300 nm
Novoflex	60	4,5	Staeble-Katagon		Kine	
Friedrich	60	4,5	Corygon	?	Kine	SM for Novoflex
Dallmeyer	60	6,5	Wide Angle Anast.	Man	VP2	2 3/8"
SOM Berthiot	65	5,7	Olor	Man	66H	
Zeiss	65	6,3	Tessar	Man	66H	pre-war alu
Atzmuller+Rendl	65	6,8	Varioflex I (Angulon)	CS	Kine	Scheimpflug system
Atzmuller&Rendl	65	6,8	Varioflex II (Angulon)	CS	Kine	Scheimpflug and shift system
Atzmuller&Rendl	65	6,8	Vario Cimar II (Angulon)	CS	Kine	Scheimpflug and shift system
Zeiss	70	2,8	Tessar	Man	VP2	7cm
Schneider	70	3,0	Xenar	Man	VP1	7cm
Zeiss	70	3,5	Tessar	Man	VP1	7cm f16
Schneider	70	3,5	Xenar	Man	VP2	7cm m and ft scale; not fitting
Zeiss	70	3,5	Tessar	Man	VP1	7cm f22
Meyer	70	3,5	Exaktar	Man	VP2	
Ihagee	70	3,5	Anast. Exaktar	Man	VP2	
Kilfitt	75	1,3	Zoomatar	Man	Kine	EMKil
Zeiss	75	1,5	Biotar	PS	Kine	1952
Meyer	75	1,5	Kino Plasmat	Man	Kine	ca 1939 nickel; mount alu
Zeiss	75	1,5	Biotar	PS	Kine	1959 fg3 black
Zeiss	75	1,5	Biotar	Man	Kine	1939 7.5cm chrome on brass
Zeiss	75	1,5	Biotar	Man	Kine	1949 chrome on brass
Steinheil	75	1,5	Culminon	PS	Kine	ca 1959
Zeiss	75	1,5	Biotar	Man	Kine	1940 7.5cm alu
Zeiss	75	1,5	Biotar	PS	Kine	fg3 chrome (or alu)
Meyer	75	1,9	Primoplan	Man	VP2	
Meyer	75	1,9	Primoplan	PS	Kine	1950 ft or m+ft
Meyer	75	1,9	Primoplan	Man	Kine	1938 7,5cm chr.brass;black frnt rin
Meyer	75	1,9	Primoplan	Man	Kine	1951
Kinoptik Paris	75	2,0	Apochromat	Man	Kine	
Astro Berlin	75	2,0	Gauss Tachar Macro	Man	Kine	



Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Kinoptik Paris	75	2,0	Apochromat	Man	Kine	SM
Taylor & Hobson	75	2,0	Speed Panchro	Man	Kine	
Astro Berlin	75	2,3	Pan-Tachar	Man	Kine	
Astro Berlin	75	2,3	Contrast Tachar	Man	Kine	
Meyer	75	2,7	Makro-Plasmat	Man	VP2	7.5cm Dr. Paul Rudolph
Schneider	75	2,8	Xenar	Man	VP2	7.5cm
SOM Berthiot	75	2,8	Flor	?	Kine	
SOM Berthiot	75	2,8	Flor	Man	VP2	
Zeiss	75	2,8	Tessar	Man	VP2	7.5cm
Zeiss	75	2,8	Tessar	Man	VP1	7.5cm
Steinheil	75	2,9	Cassar	Man	VP2	7,5cm
Meyer	75	2,9	Trioplan	Man	VP2	7.5cm
Ludwig	75	2,9	Victar	Man	VP2	
Meyer	75	2,9	Trioplan		VP2	
Ludwig	75	2,9		Man	VP?	
Schneider	75	2,9	Xenar	Man	VP1	7.5cm
Schneider	75	2,9	Xenar	Man	VP2	7.5cm
Ludwig	75	2,9	Victar	Man	66H	
Steinheil	75	3,5	Cassar	Man	VP2	7,5cm
Meyer	75	3,5	Primotar	Man	VP2	7.5cm
Goerz	75	3,5	Hypar	Man	Kine	3" adapted; no distance scale
Zeiss	75	3,5	Tessar	Man	VP2	7.5cm
Spiratone	75	3,5	Flat Field Macro	Man	Kine	EMT2
Boyer	75	3,5	Topaz	Man	VP2	
Schneider	75	3,5	Radionar	Man	Kine	
Ihagee	75	3,5	Anast. Exaktar E	Man	VP2	7,5cm
Ihagee	75	3,5	Anast. Exaktar	Man	VP2	7,5cm
Schneider	75	3,5	Xenar	Man	VP2	7.5cm
Ihagee	75	4,5	Anast. Exaktar	Man	VP2	
Boyer	75	4,5	Saphir	Man	VP2	
Will Wetzlar	75	4,5	Macro-Doryt	Man	Kine	SM
Dallmeyer	76	1,9	Super-Six	Man	Kine	3"
Dallmeyer	76	1,9	Super Six	Man	VP2	3"
Dallmeyer	76	2,9	Pentac	Man	VP2	3"
Dallmeyer	76	2,9	Pentac	Man	Kine	3"
SOM Berthiot	77	3,5		Man	66H	
Sankyo	80	1,8	Komura	PS	Kine	-1960
Meyer	80	1,9	Primoplan	Man	VP2	Night 8cm
Schneider	80	2,0	Xenon	Man	Kine	1953
Zeiss	80	2,0	Biotar	Man	Kine	1936 conv from VP black/chrome
Meyer	80	2,0	Primoplan	Man	VP2	Night 8cm
Zeiss	80	2,0	Biotar	Man	Kine	Converted from VP mount
Schneider	80	2,0	Xenon	Man	VP2	
Busch	80	2,0	Glaukar-Anastigmat	Man	Kine	
Zeiss	80	2,0	Tessar	Man	Kine	8cm
Zeiss	80	2,0	Biotar	Man	VP2	chrome
Emil Busch	80	2,0	Rathenow Glaukar Anas	Man	Kine	8cm adapted cinelens B&J?
Zeiss	80	2,0	Biotar	Man	VP2	8cm Night black
Zeiss	80	2,8	Biometar	Aut	Kine	1966 ridged black/chr fring zebra
Meyer	80	2,8	Trioplan	Man	66V	
Zeiss	80	2,8	Tessar	Man	66H	1939 8cm
Zeiss	80	2,8	Biometar	PS	Kine	1954
Zeiss	80	2,8	Biometar	Aut	Kine	1961 leatherette fring
Zeiss	80	2,8	Tessar	Man	Kine	1938 chr/br adap 66H-lens conical

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Zeiss	80	2,8	Biometar	Aut	Kine	1964 dimpled focusing
Zeiss	80	2,8	Tessar	PS	Kine	1951 with connector also for 66H
Zeiss	80	2,8	Tessar	PS	66V	1956 with adapter also Kine
Zeiss	80	2,8	Tessar	Man	66V	
Schneider	80	2,8	Xenar	Man	66H	1939
Kyoei Optical	80	3,5	Acall	?	Kine	EM
Zeiss	80	3,5	Tessar	Man	66H	1937
Schneider	80	3,5	Xenar	Man	66H	1939
Meyer	80	3,5	Primotar	PS	Kine	1952 alu
Sankyo	80	3,5	Komura	PS	Kine	-1960
Zeiss	80	3,5	Tessar	Man	Kine	1938 8cm
Zeiss	80	3,5	Tessar	Man	Kine	1938 adapted
Zeika	80	3,5	Rojar	Man	Kine	-1953 alu Japan
Dallmeyer	83	1,9	Super-Six	Man	Kine	3¼" also as 83mm
Dallmeyer	83	1,9	Super Six	Man	VP2	3¼"
Dallmeyer	83	1,9	Super-Six Anastigmat	Man	Kine	FM
AnSCO	83	3,5	Anastigmat	Man	VP2	adapted for VP Exakta
Sankyo	85	1,4	Komura	PS	Kine	1961 EM-Unidapter
Enna	85	1,5	Ennaston	CS	Kine	1955
Enna	85	1,5	Lithagon SII2	CS	Kine	1955
Soligor	85	1,5		PS	Kine	+1962 EMT2
Enna	85	1,5	Ennalyt	CS	Kine	1955
Beroflex	85	1,7	Auto	Aut	KORR	EMYS
Vivitar	85	1,8		PS	Kine	-1968 EMT2
Soligor	85	1,8		PS	Kine	+1962 EMT2
Raynox	85	1,8		PS	Kine	
Accura	85	1,9	Supertel	PS	Kine	-1965 EMT2
Spiratone	85	1,9		PS	Kine	23-1967 6el
Aetna Optix	85	1,9	Super Coligon	PS	Kine	EMT2 (Aetna?)2
Zeiss	85	1,9	Biotar	Man	Kine	very rare 2 copies
Jupiter	85	2,0		Man	Kine	
Piesker	85	2,0	Kalimar	PS	Kine	1955 EMPi ft
Kalimar	85	2,0		PS	Kine	-1961
Zeiss fake	85	2,0	Sonnar	Man	Kine	probably 2-58 Biotar
Canon	85	2,0	Serenar	Man	Kine	ca 1950
Sterling-Howard	85	2,0	Tele-Astra	PS	Kine	-1960 EM =Speed Astra
Zeiss	85	2,0	Sonnar	Man	Kine	1937 ft or m 8,5cm chr on brass
KMZ a.others	85	2,0	Jupiter-9	Man	Kine	K1824
Piesker	85	2,0	Picon	PS	Kine	1955 EMPi
Sun	85	2,0	Sola	PS	Kine	-1957
Caspeco	85	2,5		Aut	Kine	-1970 EM-Insta-switch
Esplana	85	2,5	Auto tele	Aut	Kine	EM?
Schacht	85	2,8	Travenar	SA	Kine	1962
Schacht	85	2,8	Travenar	APS	Kine	1955
Steinheil	85	2,8	Culminar	PS	Kine	1956
Meyer	85	2,8	Primotar	Man	VP2	
Schacht	85	2,8	Macro-Travenar	PS	Kine	1963
Steinheil	85	2,8	Culminar	Man	Kine	1951
Isco	85	2,8	Westanar	CS	Kine	+1952
Steinheil	85	2,8	Cassar	Man	Kine	
Steinheil	85	2,8	Culminar	Man	Kine	1950 8,5cm
Meyer	85	3,5	Primotar	Man	66H	1939
Ihagee	85	3,5	Anast. Exaktar	Man	66H	8,5cm
Zeiss	85	4,0	Sonnar	Man	Kine	1937

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Zeiss	85	4,0	Triotar	Man	Kine	1938 8.5cm
Meyer	85	4,5	Triotar	Man	Kine	-1940
Meyer	90	1,5	Plasmat	?	Kine	3 1/2 inch adapted
Angenieux	90	1,8	P1	Man	Kine	1953 black, chrome rings
Leitz	90	2,0	Summicron	PS	Kine	
Meyer	90	2,0	Plasmat	Man	Kine	7 1/2 inch adapted
Liatz	90	2,2	Thambar	Man	Kine	adapted soft focus lens
Angenieux	90	2,5	Y12	Aut	Kine	1959 chrome
Angenieux	90	2,5	Y12	Aut	Kine	1961 black
Tamron	90	2,5	SP Tele Macro		Kine	EMT2 27° BBAR MC
Angenieux	90	2,5	Y12	Man	Kine	1951 black, chrome rings
Angenieux	90	2,5	Y1	Man	Kine	1950
Schacht	90	2,8	R-Travenar	Aut	Kine	also Travenar R
Kilfitt	90	2,8	Makro-Kilar 301/306	PS	66V	post-war black+alu EM ook Kine
Zoomar	90	2,8	Super Macro-Kilar	PS	Kine	-1968 EMKil
Schacht	90	2,8	Travenar	SA	Kine	1962
Zoomar	90	2,8	Makro Kilar		Kine	
Kilfitt Zoomar	90	2,8	(Makro-Kilar)	Man	Kine	all black
Kilfitt	90	2,8	Makro-Kilar 219	PS	Kine	1956 m+ft chrome 1/1.7
Schacht	90	2,8	Travenar	Aut	Real	1966
Kilfitt	90	2,8	Makro-Kilar 219	PS	Kine	1956 EMKil ft chrome 1/1.7
Kilfitt	90	2,8	Super Makro-Zoomar	PS	Kine	EMKil black alu 1/1
SOM Berthiot	90	2,8	Flor	Man	66H	
Enna	90	2,8	Tele-Ennalyt	CS	Kine	1960
Enna	90	2,8	Tele-Ennalyt		AM	1963
Agfa	90	3,4	Color Telinear		Kine	
Meyer	90	3,5	Telefogar	CS	Kine	originally for Altix
Schneider	90	3,5	Tele-Xenar	PS	Kine	1957
Kilfitt	90	3,5	Kilar	Man	Kine	1952
Topcon	90	3,5	R.Topcor	PS	Kine	1957
Sun	90	4,0	Sola	PS	Kine	-1953
Sun	90	4,0	Sola	Man	Kine	ft
	90	4,0	Dreamagon	spe	Kine	-2000 EMT2 variable softfocus
Spiratone	90	4,0		?	Kine	
Telec	90	4,5		Man	Kine	1954
Old Delft	90	4,5	Delfar	Man	Kine	=Oldelft
Chalier	90	4,5	Telelens	Man	Kine	French
Amitar	90	4,5		Man	Kine	SM
Corfield	95	2,8	Lumar	CS	Kine	EM?
Enna	95	2,8	Ennalyt	CS	Kine	1957
Enna	95	2,8	Ennalyt	Aut	Kine	1959
Corfield	95	2,8	Lumar	Man	Kine	FM alu
Sankyo	100	1,8	Komura	PS	Kine	-1968 EM-Unidapter
Meyer	100	1,9	Primoplan	Man	OB	1938 adapted in/after 1953
Meyer	100	1,9	Primoplan	Man	66H	10cm chrome on brass
Zeiss	100	2,0	Biotar	Man	66H	10cm chrome on brass
Kinoptik Paris	100	2,0	Apochromat	Man	Kine	one-of-a-kind apdapted
Ernemann	100	2,0	Ernostar	Man	Kine	
Astro Berlin	100	2,0	Color Astrar	Man	Kine	
GOMZ	100	2,0	Zh-25	PS	Kine	
Kinoptik Paris	100	2,0	Apochromat	Man	Kine	SM
Astro Berlin	100	2,3	Pan-Tachar	Man	Kine	ft adapted by B&J
Astro Berlin	100	2,3	Soft Focus	Man	Kine	1938
Bausch & Lomb	100	2,3	Raytar	Man	Kine	

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Bausch & Lomb	100	2,3	Baltar	Man	Kine	
Aetna Optix	100	2,5	Coligon	PS	Kine	-1965 EMT2
Sonnagar	100	2,5		PS	Kine	-1964 EMT2
Sankyo	100	2,5	Auto Komura	Aut	Kine	-1968 EM-UnidapterAuto
Enna	100	2,8	Ennalyt	CS	Kine	
Miida	100	2,8		Aut	Kine	
Meyer	100	2,8	Trioplan	Man	Kine	1951 FT40.5
Piesker	100	2,8	Votar	PS	Kine	1955 EMPi
Meyer	100	2,8	Trioplan	PS	Kine	1953
Meyer	100	2,8	Trioplan	Aut	Kine	1956 chrome
Meyer	100	2,8	Trioplan	Aut	Kine	1961 black; rocker release
Sigma	100	2,8	Micromacro	Aut	KORR	1972 EMYS macro~1/1
Sterling-Howard	100	2,8	Astragon	PS	Kine	-1960 EM =Speed Astra
Piesker	100	2,8	Speed-Astra	PS	Ki66	1955 EMPi
Spiratone	100	2,8	Auto-Resomax	Aut	KORR	-1968 EMYS
Meyer	100	2,8	Trioplan	PS	Kine	1953
Meyer	100	2,8	Trioplan N	Aut	Kine	-1966 black
Meyer	100	2,8	Trioplan	PS	Kine	1958 FT49
Sankyo	100	2,8	Komura	PS	Kine	
Meyer	100	2,8	Trioplan	Man	Kine	1938 10cm
Meyer	100	2,8	Orestor	PS	Kine	1967
Meyer	100	2,8	Orestor	CS	Kine	1966
Meyer	100	2,8	Trioplan N	Aut	Kine	-1960 mostly alu
Steinheil	100	2,8	Macro-Quinar	CS	Kine	
Pentacon	100	2,8	Pentaconar	M?A	RTL	1969
Elicar	100	2,8	Automatic	Aut	Kine	
Bass Cam Co	100	2,8	Exaktar	Aut	Kine	+1972
Taylor & Hobson	100	2,8	Cooke Pancrotal Anast	CS	Kine	4inch
Prinz	100	2,8	Rexatar	Aut	Kine	
Kalimar	100	2,8		?	Kine	
Steinheil	100	2,8	Macro-S-Quinar	Aut	Kine	1965 twin helical = Macro Quinar
Berlin Optik	100	2,8	Speed-Astra	Man	Kine	
Prinz	100	2,8	Rexatar	PS	Kine	EMT2
Meyer fake	100	2,8	Trioplan	Man	Kine	pre-war alu uncoated
PRO	100	2,8		Aut	Kine	
Piesker	100	2,8	Picon	PS	Kine	alu
Aragon	100	2,8	Auto Aragon	Aut	Kine	
Prisma	100	2,8	Auto		Kine	
Beroflex	100	2,8	Beriflex	Aut	Kine	
Prisma	100	2,8	Auto		Kine	
Dallmeyer	100	2,9	pentac	Man	Kine	4"
Schacht	100	3,3	Travegar	PS	Kine	1960 M39-0,75 + adapter
Steinheil	100	3,5	Auto-Quinar	Aut	Kine	1959
SOM Berthiot	100	3,5	Flor	Man	Kine	
Steinheil	100	3,5	Tele-Exaktar	Aut	Kine	see lhagee-Steinheil Tele-Exaktar
Steinheil	100	3,5	Auto-Cassarit	Aut	Kine	1966
Piesker	100	3,5	Astra	PS	Kine	1955 SM
Piesker	100	3,5	Picon	PS	Kine	SM
Steinheil	100	3,5	Cassarit	PS	Kine	+1950
Piesker	100	3,5	Picon	Man	Kine	1955 EMPi alu
Steinheil	100	3,5	Auto-D-Quinar	Aut	Kine	
lhageeSteinheil	100	3,5	Tele-Exaktar	Aut	Kine	black/chrome = Steinheil Exaktar
Kalimar	100	3,5		Man	Kine	SM
Spiratone	100	4,0	Portragon	---	Kine	EMT2 soft focus

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Hanimex	100	4,0		ps	Kine	EMT2
Rodenstock	100	4,0	Rotelar	Aut	Kine	1956
Tokyo Koki	100	4,0	Tokina	PS	Kine	
Isco	100	4,0	Isconar	CS	Kine	
Corfield	100	4,0	Lumar		Kine	1958
Isco	100	4,0	Isconar	CS	Kine	-1959 EMIC
Zeiss	100	4,0	Cardinar		Kine	
Rodenstock	100	4,0	Rotelar	PS	Kine	1951
Palinar	100	4,0	Telephoto	PS	Kine	EMt2
Spiratone	100	4,5 (Periscope)		Man	Kine	-1968 EMT2
Elgeet	100	4,5	Mini-Tel	Man	Kine	4"
Isco	100	4,5	Westar	Man	Kine	1960 alu
Argus	100	4,5	Cintar	?	Kine	
Dallmeyer	100	5,6	Dallon Tele-Anast.	Man	Kine	4" ft chrome on brass
Tewe	100	6,3	Telon	Man	Kine	-1960
Wollensak	101	3,5	Raptar	Man	Kine	SM
Wollensak	101	3,5	Raptar Perfex	Man	Kine	adapted
Wollensak	101	4,5	Raptar	?	Kine	
Eastman Kodak	102	2,7	Anastigmat	Man	Kine	adapted cine lens
Zeiss	105	2,0	S-Biotar	Man	Kine	1942 10,5cm chr/brass prototype
Sankyo	105	2,0	Komura	PS	Kine	-1967 EM-Unidapter
Accura	105	2,4	Supertel	PS	Kine	-1967 EMT2
Aetna Optix	105	2,5	Rokunar	Aut	KORR	EMYS
Tamron	105	2,5		Aut	Kine	+1967 EM-adaptamatic
Sankyo	105	2,5	Komura	PS	Kine	-1968 EM-Unidapter
Accura	105	2,5		Aut	KORR	-1968 EMYS
Spiratone	105	2,5		PS	Kine	-1964 EMT2 4el
Spiratone	105	2,5	Spira-Tel	Aut	KORR	1971 EMYS
Sankor	105	2,5		Man	Kine	
Meyer	105	2,7	Makro-Plasmat	Man	Kine	±1937 chrome on brass
Meyer	105	2,7	Makro-Plasmat	Man	66H	10,5cm chrome on brass
SOM Berthiot	105	2,8	Flor	Man	VP2	
Kyoei Optical	105	2,8	Acall	?	Kine	EM
Sterling-Howard	105	2,8	Astranar Tele-Astranar	PS	Kine	-1977 EMT2
Sans & Streiffe	105	2,8		?	Kine	
Soligor	105	2,8	Auto	Aut	Kine	+1967 EMT4
SOM Berthiot	105	2,8		Man	Kine	
Hanimex	105	2,8	Tele-Lens	PS	Kine	EMT2
Exakta Cam Co	105	2,8	Exakta	PS	Kine	-1970 FM
Exakta Cam Co	105	2,8	Exakta Telephoto	PS	Kine	-1967
Asanuma	105	2,8	King		Kine	
Meyer +New Yor	105	2,8	Trioplan	Man	Kine	-1937 chrome/brass US version
Palinar	105	2,8			Kine	
Orion Cam Co	105	2,8	Supreme	Man	Kine	SM
Kawanon	105	2,8		PS	Kine	~1966 EMT2
Soligor	105	2,8		PS	Kine	+1962 EMT2
Ashreh	105	2,8		PS	Kine	+1965 EMT2
Vivitar	105	2,8		Aut	Kine	EMT4
Sankyo	105	2,8	Komura	PS	Kine	FM
Unitor	105	2,8	Auto	Aut	Kine	
Caspeco	105	2,8		PS	Kine	-1965 EMT2
Meyer	105	2,8	Trioplan	Man	Kine	1938 4 1/4"
Bass Cam Co	105	2,8		PS	Kine	+1967 EMT2
Lentar	105	2,8	Tele-Lentar	PS	Kine	1965 EMT2

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Meyer	105	2,8	Trioplan	Man	Kine	1937 10.5cm
Schneider	105	3,5	Xenar	Man	Kine	-1968 SM
Sankyo	105	3,5	Komura	PS	Kine	-1960 FM
Novoflex	105	3,5	Noflexar	PS	Kine	SM
Sterling-Howard	105	3,5	Tele-Amitar	PS	Kine	-1968 EMT2
Meyer	105	3,5	Primotar	PS	Kine	-1958
	105	3,5	Plixor		Kine	
Schneider	105	3,5	Xenar	Man	Kine	1951
Kyoei Optical	105	3,5	Acall	?	Kine	EM
Sterling-Howard	105	3,5	Tele-Astra nar?	PS	Kine	-1965 EM
Nat Optical Cy	105	3,5	Trinol		Kine	Stewartry or TAC adapter
Meyer	105	3,8	Primotar	Man	VP2	
Steinheil	105	3,8	Cassar	Man	Kine	1952 front element focus
Will Wetzlar	105	4,0	Telenar	Man	Kine	-1953
Arco	105	4,5	Colinar	Man	Kine	SM
Laack	105	4,5	Pololyt		Kine	
Aetna Optix	105	4,5	Actinar	PS	Kine	
Steinheil	105	4,5	Cassar	Man	Kine	1952 SM
Steinheil	105	4,5	Cassar	Man	Kine	1952 front element focus
Ihagee	105	4,5	Anastigmat	Man	VP2	10,5cm
Steinheil	105	4,5	Culminar	Man	Kine	1952 SM Culex adapter
Meyer	105	4,5	Trioplan	Man	VP2	10.5cm
Roeschlein	105	4,5	Luxon	Man	Kine	
Feinmess	105	4,5	Bonotar	Man	Kine	1957 large grips
Schneider	105	4,5	Luxon	Man	Kine	
Pam	105	4,5	Britar	Man	Kine	
Ihagee	105	4,5	Exaktar	Man	VP2	
Zeiss	105	4,5	Tessar	Man	Kine	
Schneider	105	4,5	Xenar	Man	Kine	1951 SM
Schneider	105	4,5	Xenar	Man	Kine	1951
Will Wetzlar	105	4,5	Macro-Doryt	Man	Kine	SM
Wirgin	105	4,5	Telepar	Man	Kine	-1953
Feinmess	105	4,5	Bonotar	Man	Kine	1959 small grips
Ihagee	110	4,5	Anastigmat	Man	VP2	
Zeiss	120	2,8	Biometar	Aut	Kine	1960 leatherette ring
Zeiss	120	2,8	Biometar	Aut	Kine	1967 ridged black/chrome
Zeiss	120	2,8	Biometar	Aut	Kine	1964 dimpled ring
Ernemann	120	3,5	Ernon		Kine	adapted
Meyer	120	4,0	Veraplan dopp.anast.	Man	Kine	adapted
Meyer	120	4,5	Trioplan	Man	Kine	1936 12cm f32
Rodenstock	120	4,5	Tiefenbildner Imagon	spe	VP2	1952 softfocus 3 diffusion disks
Meyer	120	4,5	Trioplan	Man	Kine	1936 12cm f22
Rodenstock	120	4,5	Tiefenbildner Imagon	spe	Kine	1952 softfocus 3 diffusion disks
Zeiss	120	6,3	Tele-Tessar	Man	Kine	adapted VP-lens black on brass
Zeiss	120	6,3	Tele Tessar	Man	VP2	
Zeiss	120	6,3	Tele-Tessar	Man	Kine	1938 12cm alu
Ica	120	6,8	Doppelanast. Litomar	Man	Kine	adapted alu
Raynox	125	1,8	Polaris Auto			
Schneider	125	2,0	Xenon	Man	Kine	adapt; several versns, Göttingen
Astro Berlin	125	2,3	Pantachar/Astro-Tachar	Man	kine	
Astro Berlin	125	2,3	Tachar	PS	Kine	-1070 EM-Ercona
Birns & Sawyer	125	2,5	Omnitar	PS	Kine	-1968 EM BS-system
Tewe	125	2,5	Telagon	Man	Kine	-1960
Upsilon	125	2,8		AUT	KORR	EMYS

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Plaubel	125	2,9	Anti-Comar	Man	Kine	
Plaubel	125	2,9	Anti-Comar	Man	VP2	
Ross	125	4,0	Kine-Xpress	Man	Kine	
Ross	125	4,0		Man	VP2	5"
Wollensak	125	6,3	Enlarging Velostigmat	Man	Kine	5inch
Leitz NY	127	4,5	Leica Anastigmat	Man	Kine	adapted for Exakta
Zeiss	130	2,0	Biotar	Man	Kine	1939 "Special Mount"
KMZ a.others	133	2,8	Tair-11	Man	Kine	ca 1960 K1901
Fokanon	135		Auto		Kine	
Vivitar	135	1,5		PS	Kine	-1968 EMT2
Soligor	135	1,5		PS	Kine	+1962 EMT2
Soligor	135	1,8		PS	Kine	+1962 EMT2
Raynox	135	1,8	Auto Polaris		Kine	
Sigma	135	1,8	Sigmatel	Aut	KORR	1972 EMYS
Spiratone	135	1,8		PS	Kine	-1970 EMT2
Aetna Optix	135	1,8	Rokunar	Aut	KORR	EMYS
Vivitar	135	1,8		PS	Kine	+1965 EMT2
Sankyo	135	2,0	Komura	PS	Kine	-1968 EM-Unidapter
Topcon	135	2,0	R.Topcor	PS	Kine	1957
Sankyo	135	2,3	Komura	PS	Kine	-1967 EM-Unidapter
Sigma	135	2,5	Telephoto	PS	Kine	1965 EMT2
Aetna Optix	135	2,5	(Tele) Rokunar	PS	Kine	-1965 EMT2
Exakta Cam Co	135	2,5	Exakta Telephoto	PS	Kine	-1967
Angenieux	135	2,5	P2	Man	Kine	1953 black, chrome rings
Caspeco	135	2,5		PS	Kine	-1965 EMT2
Soligor	135	2,5		Aut	KORR	EMYS
Sonnagar	135	2,5		PS	Kine	-1965 EMT2
Sankyo	135	2,5	Komura	Aut	Kine	
UGL	135	2,5	Condoron		Kine	
Lentar	135	2,8		PS	Kine	EMT2
PRO	135	2,8		Aut	Kine	
Ihagee West	135	2,8	Exaktar Auto	Aut	Real	-1974
Cambridge Cam	135	2,8	Cambron	PS	Kine	-1977 EMT2
Ihagee West	135	2,8	Exanon Auto Telephoto	Aut	Real	
Juplen	135	2,8		PS	Kine	-1960 EMT2
Steinheil	135	2,8	Macro-(S)(Tele)-Quinar	Aut	Kine	1965 ?=Macro-S-Quinaron?
Pentacon	135	2,8	(Orestor)	PS	Kine	1972
Ritz Camera	135	2,8	Quantaray	PS	Kine	-1977 EMT2
Vivitar	135	2,8	Auto Telephoto	Aut	Kine	EMT4
Vivitar	135	2,8	Auto Vivitar Telephoto	Aut	Kine	EMT4 FT53
Isco	135	2,8	Tele-Isaron	PS	Kine	1958
PRO	135	2,8		PS	Kine	-1977 EMT2
Miranda	135	2,8		Aut	Kine	
Sterling-Howard	135	2,8	Astranar	PS	Kine	-1977 EMT2
Peerotar	135	2,8			Kine	
Chinon	135	2,8	Chinonflex Auto Reflex	Aut	Kine	FT55
Vivitar	135	2,8		PS	Kine	-1965 EMT2
Aragon	135	2,8	Auto Aragon	Aut	Kine	
Isco	135	2,8	Tele-Isaron	Aut	Kine	1958
Steinheil	135	2,8	Auto-Tele-Quinar	Aut	Kine	1956 chrome
Steinheil	135	2,8	Quinar	PS	Kine	1952 alu
Steinheil	135	2,8	Auto-D-(Tele)-Quinar	Aut	Kine	1964 black
Sigma	135	2,8	Telemax	Aut	KORR	1972 EMYS
Telesar	135	2,8		PS	Kine	-1967 EMT2

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Vemar	135	2,8	Super	PS	Kine	
Mamiya-Sekor	135	2,8		Aut	Mam	
Soligor	135	2,8	Elitar	PS	Kine	1962 FM
Sankyo	135	2,8	Komura	PS	Kine	-1968 EM-Unidapter
Kawakami	135	2,8	Rolmax		Kine	1961
Aetna Optix	135	2,8	Spectra Coligon	PS	Kine	
Exakta Cam Co	135	2,8	Exakta Telephoto	PS	Kine	-1967
Sterling-Howard	135	2,8	Tele-Astra	Aut	Kine	-1965
Taika	135	2,8	(Color) Doryt	PS	Kine	FM
Caspeco	135	2,8	Auto Tele	Aut	Kine	-1967 EM-Insta-switch
Walter Voss	135	2,8	Votar	PS	Kine	
Voss Photo	135	2,8	Voss	PS	Kine	-1960
Sun	135	2,8		PS	Kine	-1964 EMT2
Soligor	135	2,8		PS	Kine	-1960 EMT2
Camron	135	2,8	Auto Tele-Camron	Aut	Kine	
	135	2,8	Kosmonar	PS	Kine	EM screwed
Bittco	135	2,8	Super Vemar	PS	Kine	
Spiratone	135	2,8	Auto-Spiratone	Aut	Kine	-1960
Lentar	135	2,8	Auto Tele-Lentar	Aut	Kine	
Beroflex	135	2,8	Auto-Tele Beroflex	Aut	Kine	FM
Tamron	135	2,8	Auto Tamron	Aut	OB	-1967 EM-adaptamatic
Enna	135	2,8	Tele-Ennalyt		AM	1963
Aetna Optix	135	2,8	Auto Rokunar	Aut	Kine	-1967 FM
Vivitar	135	2,8	Auto Vivitar	Aut	Kine	-1967 EMT4
	135	2,8	Auto Tele Uniron	Aut	KORR	EMYS
Soligor	135	2,8	Auto	Aut	Kine	1967 EMT4
Caspeco	135	2,8		PS	Kine	-1965 EMT2
Samigon	135	2,8		PS	Kine	-1965 EMT2
Prinzgalaxy	135	2,8		PS	Kine	EMT2
Aetna Optix	135	2,8	Tele-Coligon	PS	Kine	-1965 EMT2
Accura	135	2,8	Supertel	PS	Kine	-1967 EMT2
Spiratone	135	2,8	(Telephoto)	PS	Kine	-1964 EMT2
Ihagee West	135	2,8	Super-Exaktar/Carenar	Aut	Real	
Accura	135	2,8	Accurar	PS	Kine	+1967 EMT2
Meyer	135	2,8	Orestor	PS	Kine	1966
Sonnagar	135	2,8		PS	Kine	-1964 EMT2
Harmony	135	2,8		PS	Kine	
Sesnon	135	2,8	Auto-Sesnon	Aut	Kine	EM
Bass Cam Co	135	2,8		PS	Kine	+1967 EMT2
Kalimar	135	2,8	(Kaligar)	Aut	Real	-1975 EM-Auto-T
Spiratone	135	2,8		Aut	KORR	1971 EMYS
Prinz	135	2,8	Rexatar	PS	Kine	EMT2
Miida	135	2,8		Aut	Kine	1972
Beroflex	135	2,8	Beriflex	Aut	Kine	FM
Kawanon	135	2,8		PS	Kine	~1966 EMT2
Samigon	135	2,8		Aut	Kine	
Sankyo	135	2,8	Auto Komura	Aut	Kine	-1968 EM-UnidapterAuto
Yamatar	135	2,8		Aut	Kine	
Bass Cam Co	135	2,8	Exaktar	Aut	Kine	+1972
Hobbylit	135	2,8			Kine	EMT2
Sankor	135	2,8	Auto	Aut	Kine	
	135	2,8	Riaflex	Aut	Kine	
Ashreh	135	2,8		PS	Kine	+1965 EMT2
DDA	135	2,8	super PS	PS	Kine	



Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Vivitar	135	2,8		Aut	Kine	+1965 FM
	135	2,8	Saiga	PS	Kine	
Edixa	135	2,8	Eximar	PS	Kine	
Sun	135	2,8		Aut	KORR	+1969 EMYS
Carsen	135	2,8		PS	Kine	
Votar Japan	135	2,8	Auot-Votar	Aut	Kine	
Soligor	135	2,8		PS	Kine	+1962 EMT2
Schacht	135	2,8	S-Travenar	PS	Kine	1969
Bass Cam Co	135	2,8		Aut	Kine	+1967
Tamron	135	2,8		PS	Kine	EMT2
Bushnell	135	2,8		Aut	Kine	-1968 EM-adaptamatic
Prinz	135	2,8	Auto Tele	AUT	?	
Sankor	135	2,8		PS	Kine	EMT2
Seimar	135	2,8		PS	Kine	EMT2
Varexon	135	2,8		Aut	Real	
Eyemik	135	2,8	Telephoto	Aut	Kine	
Caspeco	135	2,8	Exakta	PS	Kine	-1968 FM
Euro-Optik	135	2,8	Auto Telephoto	Aut	Kine	
Steinheil	135	2,8	Quinar	PS	Kine	SM
	135	2,8	Travion	PS	Kine	EM?
Wepon	135	2,8	Auto-Tele	Aut	Kine	
Silber	135	2,8		PS	Kine	EMT2
Suntar	135	2,8		Aut	KORR	EMYS
Sunset	135	2,8		Aut	KORR	-1968 EMYS
Kyoei Optical	135	2,8	Acall	PS	Kine	FM
Hanimex	135	2,8		PS	Kine	EM
Accura	135	2,8	SigmaYS=Diamatic	Aut	KORR	-1968 EMYS
Caspeco	135	2,8	Auto	Aut	Kine	FM black
Accura	135	2,8	Diamatic Auto Telephot	Aut	Kine	FM
Dollond	135	2,8		Aut	Kine	EM
Sterling-Howard	135	2,8	Tele-Amitar	PS	Kine	-1968 EMT2
Optomax	135	2,8	Optomax Telephoto	Aut	Kine	
Schachtlike	135	2,8	Super-Travenar	Aut	Kine	
Juplen	135	2,8		PS	Kine	+1957 FM
Optomax	135	2,8		PS	Kine	
Soligor	135	2,8	Tele-Photo	Man	Kine	
Taiyo & Co	135	2,8	Yamatar	PS	Kine	-1970 EMTZ
Sankyo	135	2,8	Komura	PS	Kine	1962 FM
Aetna Optix	135	2,8	Rokunar	Aut	KORR	EMYS
Tokina	135	2,8		PS	Kine	-1970 EM T2orTST
Beroflex	135	2,8			Kine	EMT2
Doro-Color	135	2,8	Auto		Kine	
Universar	135	2,8	Auto Tele	Aut	Kine	
Sunset	135	2,8	Tc	PS	Kine	
Steinheil	135	2,8	Auto-Quinar	Aut	Kine	chrome, with hood
Telesar	135	2,8	Auto-Telesar	Aut	Kine	-1965 FM
Soligor Miranda	135	2,8		PS	Kine	black; alu mount
Kalimar	135	2,8	Kaligar	PS	Kine	-1965 EMT2
Listar	135	2,8		PS	Kine	
Steinheil	135	2,8	Quinar	PS	Kine	+1960 black
Taika	135	2,8	Cinconar		Kine	interchangeable
Carsen	135	2,8			Kine	
Ihagee West	135	2,8	Carenar EET		Kine	
Birns & Sawyer	135	2,8	Omnitar	PS	Kine	-1968 EM BS-system

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Unitor	135	2,8	Auto Telephoto	Aut	Kine	
	135	2,8	Hanmar		Kine	EMT2
Prinzgalaxy	135	2,8		CS	Kine	
Prinz	135	2,8	Rexatar	Aut	Kine	1971
Tiger	135	2,8	Coligon	PS	Kine	=? Aetna Spectra Coligon
Titan	135	2,8		PS	Kine	
Panagor	135	2,8		Aut	Kine	1969
Ihagee West	135	2,8	Auto Exaktar EET	Aut	Top	
Sands Hunter	135	2,8			Kine	
Taiyo & Co	135	2,8	Yamatar2	Aut	Kine	-1970 EMTZ
Steinheil	135	2,8	(Auto-)Macro-Quinar	Aut	Kine	1965
Sankor	135	3,2		PS	Kine	
	135	3,2	Unitel	PS	Kine	
Caspeco	135	3,2		PS	Kine	-1968 EMT2
	135	3,2	Tokunan	PS	Kine	EMT2
Isco	135	3,5	Westromat	Aut	Kine	1965 FM
Isco	135	3,5	Tele-Westanar	Aut	Kine	1965
Sun	135	3,5		PS	Kine	-1964 EMT2
Fujita	135	3,5		PS	Kine	chrome+black
Prinzgalaxy	135	3,5		PS	Kine	
Pentor	135	3,5		PS	Kine	EMT2
Rubica	135	3,5		PS	Kine	
Isco	135	3,5	Tele-Westanar	CS	Kine	1962 EMIC plastic
Isco	135	3,5	Westanar	PS	Kine	1954
Isco	135	3,5	Berolina Tele-Westanar	CS	Kine	EMIC
Kalimar	135	3,5	Kaligar	PS	Kine	-1968 EMT2
Enna	135	3,5	Sandmar	CS	Kine	1957
Imperial	135	3,5	Tele	PS	Kine	EMT2
	135	3,5	Bencor	PS	Kine	
Caspeco	135	3,5	Telephoto	PS	Kine	-1965 EMT2
Elitel	135	3,5		PS	Kine	
Vivitar	135	3,5	Auto	Aut	Kine	-1968 EMT4
Vivitar	135	3,5	Auto	Aut	Kine	-1968 FM
Hacuhor	135	3,5		PS	Kine	EMT2
Walter Voss	135	3,5	Votar	PS	Kine	
Edixa	135	3,5	Eximar		Kine	
Samigon	135	3,5		PS	Kine	-1968 EMT2
Accura	135	3,5	Auto Accura	Aut	Kine	-1967
Cambridge Cam	135	3,5	Cambron	PS	Kine	-1977 EMT2
Goerz	135	3,5	Telgor	Man	Kine	
Palinar	135	3,5	Telephoto	PS	Kine	EMT2
Sun	135	3,5	Xebec Telephoto	PS	Kine	
Enna	135	3,5	Tele-Sandmar		MM	1958
Enna	135	3,5	Tele-Ennalyt	CS	Kine	1957
Kashimura	135	3,5	Dianon	PS	Kine	EMT2
Taylor	135	3,5		PS	Kine	
Sterling-Howard	135	3,5	Astranar	PS	Kine	-1977 EMT2
Tokina	135	3,5		PS	Kine	-1970 EM T2orTST
Topcon	135	3,5	R.Topcor	PS	Kine	1957
Soligor	135	3,5	Auto	Aut	Kine	1967 EMT4
Exakta Cam Co	135	3,5	Exakta Telephoto	PS	Kine	-1967
Caspeco	135	3,5		Aut	Kine	-1967 EM-Insta-switch black
Sonnagar	135	3,5		PS	Kine	-1964 EMT2
Sankyo	135	3,5	Komura	PS	Kine	-1960 EM-Unidapter

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Scopus	135	3,5	Rotar	PS	Kine	-1960
Soligor	135	3,5		PS	Kine	-1960 EMT2
Voss Photo	135	3,5	Voss	PS	Kine	-1960
Astro Berlin	135	3,5		Man	Kine	-1953
Nikon	135	3,5	Nikkor	Man	Kine	-1953
Sterling-Howard	135	3,5		PS	Kine	-1970 EMT2
Enna	135	3,5	Tele-Ennaston	PS	Kine	
Beroflex	135	3,5			Kine	EMT2
Corfield	135	3,5	Tele-Lumax	CS	Kine	=Enna Tele-Ennalyt
IhageeSteinheil	135	3,5	Exaktar	Aut	Kine	1963 ridged black/chrome focusrin
Prisma	135	3,5	Auto	Aut	Kine	FM
Steinheil	135	3,5	Auto D-Tele-Quinar	Aut	Kine	+1958
Sterling-Howard	135	3,5	Tele-Astra	PS	Kine	-1960 EMT2
Elite	135	3,5		PS	Kine	12 (=Soligor)
Rodenstock	135	3,5	Yronar	Aut	Kine	1953
Aetna Optix	135	3,5	Spectra Eligon	PS	Kine	-1960
Juplen	135	3,5		PS	Kine	-1960 EMT2
Nikon	135	3,5	Nikkor	Aut	Kine	-1960
Arco	135	3,5	Tele-Colinar	PS	Kine	-1953
Taika	135	3,5	Color Doryt	PS	Kine	1962
	135	3,5	Tele-Ritanar	?	Kine	München
	135	3,5	Tele-Optikon	PS	Kine	
Panagor	135	3,5	Auto tele	Aut	Kine	FM
Hanimex	135	3,5	Tele-lens	PS	Kine	-1970 EMT2
Mepro	135	3,5		PS	Kine	EMT2
Piesker	135	3,5	Votar	PS	Ki66	1955 EMPi
Vivitar	135	3,5		PS	Kine	-1965 EMT2
Meyer	135	3,5	Primotar	PS	66V	1953
Steinheil	135	3,5	Tele-Quinar	PS	Kine	1955
Steinheil	135	3,5	(Auto-)(Tele-)Quinar	Aut	Kine	1956 chrome
Sankyo	135	3,5	Komura	PS	Kine	1962 FM
Prinz	135	3,5		PS	Kine	-1977 EMT2
Sigma	135	3,5		PS	Kine	1965 EMT2
	135	3,5	Sakar	PS	Kine	black
Schneider	135	3,5	Tele-Xenar	Aut	Real	
Rodenstock	135	3,5	Yronar	PS	Kine	1951 satin alu
Schacht	135	3,5	Travenar12	Aut	Real	1966
Lentar	135	3,5		PS	Kine	1965 EMT2
Kawanon	135	3,5		PS	Kine	~1966 EMT2
Schacht	135	3,5	Travenar	APS	Kine	1959
Schacht	135	3,5	Travenar	SA	Kine	1962
Taylor & Hobson	135	3,5		PS	Kine	
	135	3,5	Macro Coligon Teleph	PS	Kine	
Steinheil	135	3,5	Auto-Tele-Quinar	Aut	Kine	1964 black
Aetna Optix	135	3,5	(Tele) Coligon	PS	Kine	-1965 EMT2
Sun	135	3,5	MIL-O	PS	Kine	FM
	135	3,5	Hi-Q	PS	Kine	
Caspeco	135	3,5	Telephoto	PS	Kine	Bellows lens
Isco	135	3,5	Isco-maton LM	Aut	Kine	1961 for light meter
Titan	135	3,5		PS	Kine	
	135	3,5	Tele Stratocolor	CS	Kine	T2
Schacht	135	3,5	Praktica-Travenar	PS	Kine	
Sankor	135	3,5		PS	Kine	EMT2 also Mayfair Sankor
Sands Hunter	135	3,5		PS	Kine	EMT2 bl and bl/chr versions

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
	135	3,5	Titan	PS	Kine	
Telesar	135	3,5		PS	Kine	-1965
Aico	135	3,5	Sunagor Series 2	PS	Kine	EMT2
Tamron	135	3,5		PS	Kine	EMT2
Brandex	135	3,5	Telephoto	PS	Kine	
Universar	135	3,5		PS	Kine	
Meyer	135	3,5	Primotar	PS	66H	13,5 cm
Primax	135	3,5		PS	Kine	EMT2
Harmony	135	3,5		PS	Kine	EMT2
Isco	135	3,5	Isco-mat LM		Kine	for light meter
Isco	135	3,5	Berolina-Westromat	Aut	Kine	
Kalimar	135	3,5			Kine	FM
Kine Camera Ci	135	3,5	Tele-Kinegon		Kine	
Piesker	135	3,5	Kalimar	PS	Ki66	1955 EMPi
Aico	135	3,5		PS	Kine	EM
Accura	135	3,5	Supertel	PS	Kine	-1965 EMT2
Lentar	135	3,5		PS	Kine	SM
Petri-Taron	135	3,5	Tele-Kinegon	PS	Kine	
Typonar	135	3,5	Tele-Lens	PS	Kine	
Fodor	135	3,5		PS	Kine	EMT2
Pallas	135	3,5		PS	Kine	
Piesker	135	3,5	Picon	PS	Ki66	1955 EMPi
Angenieux	135	3,5	Y2	PS	Kine	1955
Mayfair	135	3,5		PS	Kine	
Piesker	135	3,5	Picon	PS	Kine	1955 SM
Piesker	135	3,5	Votar	Man	Kine	1952
Vorn	135	3,5	Telephoto	PS	Kine	
Schneider	135	3,5	Tele-Xenar	Aut	Kine	1958 depth-of-field indicator
Schneider	135	3,5	Tele-Xenar + cell	Aut	Kine	1961
	135	3,5	Afcon	PS	Kine	EM
Kyoei Optical	135	3,5	Acall	PS	Kine	EM
Aubell	135	3,5		PS	Kine	
Schacht	135	3,5	Albinar	Man	Kine	1953
Astral	135	3,5		PS	Kine	
Schneider	135	3,5	Tele-Xenar	Aut	Kine	1957
Vernon	135	3,5	Edonar		Kine	
Schneider	135	3,5	Xenar	SA	Kine	1955
Kawakami Seiki	135	3,5	Rolmax		Kine	
Meyer	135	3,5	Primotar	PS	Kine	1961 black
Schneider	135	3,5	Xenar	Man	Kine	1953 chrome
D & N	135	3,5		PS	Kine	
Schneider	135	3,5	Xenar	Man	Kine	-1939 13.5cm adapted alu
Meyer	135	3,5	Primotar	PS	Kine	1953 alu
Canon	135	3,5	Serenar	Man	Kine	
Nikon	135	3,5	Nikkor-QC	Man	Kine	13,5cm ft chrome/brass
Angenieux	135	3,5	Y2	Man	Kine	1952 black, chrome rings
Kilfitt	135	3,8	Kilar	CS	Kine	1956
Steinheil	135	3,8	Auto-Tele-Quinar	Aut	Kine	1967
Sun	135	3,8	Telephoto #135	Man	Kine	13.5cm ft
Sun	135	3,8		PS	Kine	-1957
Sun	135	3,8	Telephoto	Man	Kine	-1957
Isco	135	4,0	Isconar	CS	Kine	1965 plastic
Zeiss	135	4,0	Triotar	Man	66H	13,5cm chrome/brass
Zeiss	135	4,0	Sonnar	Aut	Kine	1964 dimpled focusing

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Isco	135	4,0	Isconar	CS	Kine	
Kazan	135	4,0	Jupiter	Man	Kine	FM
Rodenstock	135	4,0	Rotelar	Aut	Kine	1956
Zeiss	135	4,0	Sonnar	Man	Kine	1939 13,5cm adapted
Zeiss	135	4,0	Sonnar	Aut	Kine	1961 leatherette focusing
Zeiss	135	4,0	Triotar	Man	Kine	±1950 13.5cm 45, depth-of-f to 22
Topcon	135	4,0	Topcor macro	SA	Kine	-1968 SM
Isco	135	4,0	Quickfocar		Kine	
Zeiss	135	4,0	Sonnar	Man	Kine	SM adapted with T2
Nikon	135	4,0	Nikkor	Man	Kine	very rare
Rodenstock	135	4,0	Rotelar	PS	Kine	1951
Zeiss	135	4,0	Sonnar	PS	Kine	1961 f45
Zeiss	135	4,0	Sonnar	PS	Kine	1961 f22
Zeiss	135	4,0	Triotar	PS	Kine	1955 f45
Jupiter	135	4,0	IIA		Kine	EM
Zeiss	135	4,0	Triotar	PS	Kine	1955
Kazan	135	4,0	Jupiter-11	CS?	Kine	Kz65 ca 1970
Zeiss	135	4,0	Triotar	Man	Kine	1938 13.5cm
Topcon	135	4,0	UV Topcor	Aut	Kine	
Zeiss	135	4,0	Sonnar	Aut	Kine	1966 ridged black/chr focusing
Zeiss	135	4,0	Triotar	Man	Kine	1950 13.5cm chrome/brass
Ihagee	135	4,5	Triplex Anast.	Man	66H	13,5cm chrome on brass + alu
Roeschlein	135	4,5	Luxon C	Man	Kine	
Tewe	135	4,5	Tewestar		Kine	+1959 FM
Steinheil	135	4,5	Culminar	Man	Kine	1952
Steinheil	135	4,5	Culminar	Man	Kine	1954 SM
Friedrich	135	4,5	Coronar	Man	Kine	
Dallmeyer	135	4,5	Dalrac	?	Kine	
Wirgin	135	4,5	Wirgar		Kine	
Schacht	135	4,5	Albinar	Man	Kine	1952
	135	4,5	Wirgar	Man	Kine	-1965 Japanese
Accura	135	4,5	Accurar	Man	Kine	-1960 SM
Scopus	135	4,5	Rotar	Man	Kine	-1960
Steinheil	135	4,5		PS	Kine	+1950
Meopta	135	4,5	Telemirar	PS	Kine	adapted
Telesar	135	4,5		PS	Kine	
Novoflex	135	4,5			Kine	-1968 EM-Novoflex squeeze focus
Telisar	135	4,5			Kine	EMT2 alu
Aetna Optix	135	4,5	Telagon	CS?	Kine	
Zeiss	135	4,5	Cassarit	PS	Kine	
Schacht	135	4,5	Travenon	CS	Kine	
Telisar	135	4,5		PS	Kine	EMT2 black
Novoflex	135	4,5	Xenar	CS	Kine	1966 EM (IXA)
Tamron	135	4,5		PS	Kine	EMT2
Taylor	135	4,5			Kine	
	135	4,5	Wirgar	PS	Kine	Japanese
Telesar	135	4,5		Aut	Kine	-1968 FM
Fujita	135	4,5	Fujitar		Kine	
Schacht	135	4,5	Tele-Anastigmat	Man	Kine	13,5cm also version no "Schacht"
Schneider	135	4,5	Xenar	Man	Kine	1948
Isco	135	4,5	Isconar	CS	Kine	1965
Roeschlein	135	4,5	Luxon	Man	Kine	alu
Novoflex	135	4,5	Noflexar	PS	Kine	
Schneider	135	4,5	Xenar	Man	VP2	probably adapted

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Novoflex	135	4,5	Xenar	CS	Real	1966 EM (REALA)_
Schacht	135	4,5	Travenon	Man	Kine	1959 SM
Atzmuller&Rendl	135	5,6	Varioflex II (Symmar)		Kine	Scheimpflug and shift system
Atzmuller&Rendl	135	5,6	Varioflex I (Symmar)		Kine	Scheimpflug system
SOM Berthiot	145	4,5		?	Kine	
SOM Berthiot	145	4,5	Cinor B	Man	Kine	
SOM Berthiot	145	4,5	Flor	?	Kine	alu barrel, chrome mount
SOM Berthiot	145	4,5			Kine	
Astro Berlin	150	1,8	(Astro-)Tachar	PS	Kine	-1970 EM-Ercona
Astro Berlin	150	1,8	Pantachar	Man	Kine	-1960
Astro Berlin	150	2,0	Color-Astrar	PS	Kine	-1970 EM-Ercona
Astro Berlin	150	2,3	Pan-Tachar/Astro-Tach	Man	Kine	-1960
Astro Berlin	150	2,3	Tachar	PS	Kine	-1970 EM-Ercona
Astro Berlin	150	2,3	Portrait	Man	Kine	alu
Kinoptik Paris	150	2,5	Apochromat	Man	Kine	SM
Tewe	150	3,0	Telagon	Man	Kine	-1960
Kilfitt	150	3,5	Tele-Kilar	PS	Kine	1956
Kilfitt	150	3,5	Kilar	CS	Kine	
Sterling-Howard	150	3,5	Tele-Astra	PS	Kine	-1960
Bell & Howell	150	4,5	Eyemax	?	Kine	6 inch
Schneider	150	4,5	Xenar	Man	Kine	1938 15cm
Kyoei Optical	150	4,5	Acall	?	Kine	EM
Isco	150	4,5	Westanar	PS	Kine	
Aetna Optix	150	4,5	Actinar	?	Kine	SM
Schneider	150	4,5	Xenar	Man	Kin	-1968 SM
Zeiss	150	4,5	Tessar	Man	Kine	adap, black, nickel dist scale
Zeiss	150	4,5	Tessar	?	Kine	6 inch
Spiratone	150	4,5	Macrotel	CS	Kine	EMT2 SM
Dallmeyer	150	4,5	Telephoto	Man	VP2	6"
Ihagee (Meyer)	150	4,5	Anast. Trioplan	Man	Kine	adapted, prob by B&J
Meyer	150	5,5	Tele Megor	Man	VP2	6"
Schneider	150	5,5	Tele Xenar	Man	VP2	
Schneider	150	5,5	Tele-Xenar	Man	Kine	1950
Meyer	150	5,5	Telemegor	PS	Kine	1952
Schneider	150	5,5	Tele-Xenar	Man	Kine	1936 15cm
Meyer	150	5,5	Tele Megor	Man	VP2	15cm wafered diaphr.ring
Astro Berlin	150	5,5		Man	Kine	-1953
Meyer	150	5,5	Tele Megor	Man	Kine	1939 15cm
Meyer	150	5,5	Tele Megor	Man	VP2	15cm line engr. diaphr.ring back
Meyer +New Yor	150	5,5	Tele Megor	Man	VP2	pre-war 6inch US version
Meyer	150	5,5	Tele Megor	Man	VP2	15cm line engr. diaphr.ring front
SOM Berthiot	150	5,5		Man	Kine	
Meyer	150	5,5	Tele Megor	Man	VP1	pre-war 15cm
Piesker	150	5,5	Telegon	PS	Ki66	1955 EMPi
Piesker	150	5,5	Tele-Piconar	PS	Kine	1952
SOM Berthiot	150	5,5		Man	66H	
Meyer	150	5,5	Telemegor	Man	Kine	1949 FT 35mm alu
SOM Berthiot	150	5,5	Tele Objectiv	Man	VP2	
Dallmeyer	150	5,6	Dallon Tele-Anast.	Man	VP2	6" chrome; screwed-on shade
Rudersdorf	150	5,6	Ruo Anast. Rapidor	?	Kine	
Dallmeyer	150	5,6	Tele Dallon	Man	VP2	6"
Dallmeyer	150	5,6	Dallon Tele-Anast.	Man	VP2	6" black; nickel mount; sliding shad
Dallmeyer	150	5,6	Dallon Tele-Anast.	Man	Kine	6"
Dallmeyer	150	6,3	Tele Dallon	Man	VP2	6"

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Bausch & Lomb	152	2,7	Baltar	Man	Kine	adapted, black with alu tube
Gen Scient Corp	152	3,7	Miltar	PS?	Kine	for Bell & Howell
Unitel	155	3,2		PS	Kine	
Zeiss	165	3,5	Tessar	PS	Kine	adapted by Burke & James
Ernemann	165	4,5	Ernotar	Man	Kine	16,5cm one-of-a-kind?
Goerz	168	4,8	Series B Celor		Kine	
Meyer +New Yor	175	5,5	Tele Megor	Man	VP2	pre-war 7" black US version
Wollensak	175	6,8	Vinco-Anastigmat	Man	VP2	adapted for VP
Eastman Kodak	178	2,5	Aero Ektar	Man	Kine	7" US War surplus
Zoomar	180	1,3	Zoomatar	Man	Kine	EMKil focussing lever
Century	180	2,8	Tele-Athenar	Man	Kine	-1960
Isco	180	2,8	Tele-Isaron	PS	Kine	1958 black
Zeiss	180	2,8	Sonnar	Aut	Kine	1966 ridged black/chrome
Zeiss	180	2,8	Sonnar	Aut	Kine	1961 leatherette focusing
Isco	180	2,8	Isaron	Aut	Kine	+1956
Zeiss	180	2,8	Sonnar	PS	Kine	1949 black, body turns on focus
Isco	180	2,8	Tele-Isaron	PS	Kine	1966 double helix
Zeiss	180	2,8	Sonnar	Aut	Kine	1964 dimpled ring
Zeiss	180	2,8	Sonnar	PS	Kine	1952
Zeiss	180	2,8	Sonnar	Man	Kine	1938 chr, rotating tripod mount
Exakta Cam Co	180	3,5	Exakta Telephoto	PS	Kine	-1967
Bass Cam Co	180	3,5	Telephoto	PS	Kine	-1968 EMT2
Meyer	180	3,5	Primotar	Man	Kine	1939 chrome/black
Meyer	180	3,5	Primotar	Man	66V	
Möller	180	3,5	Idemar	PS?	Kine	for Cambinox; adapted for Exakta
Kawanon	180	3,5		PS	Kine	
Pallas	180	3,5		PS	Kine	EMT2
Kyoei Optical	180	3,5	Acall	PS	Kine	EM
Meyer	180	3,5	Primotar	PS	66V	
Vivitar	180	3,5		PS	Kine	-1967 EMT2
Caspeco	180	3,5		PS	Kine	-1965 EMT2
Hanimex	180	3,5	Tele-lens	PS	Kine	
Soligor	180	3,5		PS	Kine	+1962 EMT2
Sonnagar	180	3,5		PS	Kine	-1965 EMT2
Meyer	180	3,5	Primotar	Man	66H	pre-war 18cm chrome+black brass
Caspeco	180	3,5	Exakta	PS	Kine	-1968 FM
Meyer	180	3,5	Primotar	PS	OB	1956 black
Lentar	180	3,5		PS	Kine	1965 EMT2
Meyer	180	3,5	Primotar	PS	Kine	1955
Kawakami	180	3,5	Rolmax	PS	Kine	1961
Kawanon	180	3,5		PS	Kine	~1966 EMT2
Isco	180	4,0	Tele-Westanar	CS	Kine	1965
Isco	180	4,0	Westanar	CS	Kine	
Schneider	180	4,5	Xenar	Man	66V	
Angenieux	180	4,5	P21	Aut	Kine	1961 black
Angenieux	180	4,5	P21	Man	Kine	1954 black, chrome rings
Angenieux	180	4,5	P21	Aut	Kine	1959 chrome
Schneider	180	4,5	Tele Xenar	?	Kine	1953
Rodenstock	180	4,5	Rotelar	PS	Kine	
Zeiss	180	4,5	Tessar	Man	Kine	adapted by B&J
Zeiss	180	4,5	Tessar		Kine	orig N51 adapted by?
Old Delft	180	4,5	Delfar	Man	Kine	ca 1950 =Oldelft
Rodenstock	180	4,5	Rotelar	Aut	Kine	1958
Sterling-Howard	180	5,0	Astragon	Man	Kine	-1960

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Schneider	180	5,5	Tele-Xenar	Man	Kine	1950
Piesker	180	5,5	Tele-Piconar	PS	Kine	1952
Schneider	180	5,5	Tele-Xenar	Man	Kine	1936 18cm
Piesker	180	5,5	(no name)	PS	Ki66	1955 EMPi
Schneider	180	5,5	Tele-Xenar	Man	VP2	post-war chrome and black
Meyer	180	5,5	Tele Megor	Man	66H	1937? 18cm brass/black
Astro Berlin	180	5,5		Man	Kine	-1953
Meyer	180	5,5	Tele Megor	Man	VP2	pre-war chrome/black 18cm
Piesker	180	5,5	Tele-Astra	PS	Kine	
Kalimar	180	5,5	Tele Kalimar	PS	Kine	
Piesker	180	5,5	Tele-Picon	PS	Ki66	1955 EMPi
Meyer	180	5,5	Telemegor	PS	Kine	1952
Meyer	180	5,5	Telemegor	Man	Kine	1954
Piesker	180	5,5	Tele-Votar	?	Kine	
Meyer	180	5,5	Tele Megor	Man	Kine	1937 18cm chrome nickel alu
Sterling-Howard	180	5,5	Tele-Astra	PS	Kine	-1960 EM
Meyer	180	5,5	Telemegor	PS	Kine	1962 black
Zeiss	180	6,3	Tele Tessar	Man	VP2	
Zeiss	180	6,3	Tele-Tessar	Man	66H	18cm
Zeiss	180	6,3	Tele-Tessar	Man	Kine	1938 18cm alu
Zeiss	180	6,3	Tele-Tessar K		Kine	-1936
	200		Wilkor	?	Kine	
Fodor	200			PS	Kine	EMT2
Astro Berlin	200	2,3	Tachar	Man	Kine	
Kowa	200	2,8	Prominar	PS	Kine	black paintalu,ridged black/chrome
Taika	200	2,8	(Spectra) Super Coligon	PS	Kine	EMTST
Pentaconar	200	2,8	Pentaconar auto	Aut	RTL	1969
Seymour's Aetn?	200	2,8	Super Coligon	PS	Kine	
Upsilon	200	2,8		Aut	KORR	EMYS
Sigma	200	2,8	Protel	Aut	KORR	1972 EMYS
Taika	200	2,8	Coligon	Man	Kine	-1960 preset
Tewe	200	3,2	Telagon	Man	Kine	-1960
Prinz	200	3,3	Rexatar	PS	Kine	EMT2
Taika	200	3,4	Super Cinconar	PS	Kine	-1965
Aetna Optix	200	3,5	Auto Coligon	SA	Kine	-1965 EM
Soligor	200	3,5	Auto	Aut	Kine	+1967 EMT4
Revue	200	3,5	Telefoto	Aut	Kine	
Sankyo	200	3,5	Komura	PS	Kine	EM M39plus
Sigma	200	3,5	Diamatic	Aut	KORR	-1976 EMYS
Telesar	200	3,5		Aut	Kine	-1968 FM
Marexar	200	3,5	Auto tele	Aut	Kine	EMInstaSwitch
Caspeco	200	3,5		PS	Kine	-1967 EMT2
Beroflex	200	3,5	Auto-T	Aut	KORR	EMYS
Aetna Optix	200	3,5	Tele-Rokunar	PS	Kine	-1965 EMT2
Mayfair	200	3,5	Chelico	PS	Kine	
	200	3,5	Panomar	Aut	Kine	
Astro Berlin	200	3,5	(Astro-)Telastan	Man	Kine	-1965
Soligor	200	3,5		Aut	Kine	FM
Prinz	200	3,5	Rexamatic	Aut	Kine	
Beroflex	200	3,5	Auto Beriflex	Aut	Kine	
Sands Hunter	200	3,5		Aut	Kine	
Accura	200	3,5	Diamatic	Aut	KORR	EMYS
Vivitar	200	3,5		PS	Kine	-1965 EMT2
Accura	200	3,5	Accu Rapid	PS	Kine	-1965 EMT2



Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Aetna Optix	200	3,5	Rokunar	PS	Kine	-1967 EMT2
Sankyo	200	3,5	Auto Komura	Aut	Kine	-1968 EM-UnidapterAuto
Asanuma	200	3,5			Kine	
Samigon	200	3,5	Telephoto	Aut	Kine	
Birns & Sawyer	200	3,5	Omnitar	PS	Kine	-1968 EM BS-system
Kalimar	200	3,5	Kaligar	PS	Kine	-1965 EMT2
Kalimar	200	3,5	Kaligar	Aut	Real	-1975 EM-Auto-T
Bass Cam Co	200	3,5		Aut	Kine	+1967
Bass Cam Co	200	3,5	Exaktar	Aut	Kine	+1972
Bushnell	200	3,5		Aut	Kine	-1968 EM-adaptamatic
Unitor	200	3,5	Auto Telephoto	Aut	Kine	
Sonnagar	200	3,5		PS	Kine	-1964 EMT2
Spiratone	200	3,5		Aut	Kine	-1967
Miida	200	3,5		Aut	Kine	1972
Sankyo	200	3,5	Komura	PS	Kine	-1968 EM-Unidapter
Vivitar	200	3,5		Aut	Kine	+1965 FM
PRO	200	3,5		Aut	Kine	
Samigon	200	3,5		PS	Kine	1965
Panagor	200	3,5		Aut	Kine	1969
Sankyo	200	3,5	Komura	PS	Kine	-1960 FM
	200	3,5	Super Matic		Kine	
Juplen	200	3,5		PS	Kine	-1960 FM
Sesnon	200	3,5	Auto-Sesnon	Aut	Real	
Steinheil	200	3,5	Auto-Tele-Quinar	Aut	Kine	1961
Eyemik	200	3,5		Aut	Kine	EM?
Lentar	200	3,5	Auto Tele Lentar	Aut	Kine	
Tamron	200	3,5		PS	Kine	EMT2
Sun	200	3,5		Aut	KORR	+1969 EMYS
Aico	200	3,5		PS	Kine	EM
Kalimar	200	3,5	Kaligar	Aut	Kine	-1968 FM
Caspeco	200	3,5	Auto Tele	Aut	Kine	-1967 EM-Insta-switch
Optomax	200	3,5		Aut	Kine	
Taika	200	3,5	Coligon	PS	Kine	-1960 EMTST
Tamron	200	3,5	Auto Tamron	Aut	OB	-1967 EM-adaptamatic
Ihagee West	200	3,5	Exaktar	Aut	Real	-1974
Vemar	200	3,5	Telephoto	Aut	Kine	
Aetna Optix	200	3,5	(Spectra)(Tele) Coligon	PS	Kine	-1960
Universar	200	3,5	Auto Tele	Aut	Kine	black
Aetna Optix	200	3,5	Auto Rokunar	Aut	Kine	-1967 FM
Vivitar	200	3,5	Auto Vivitar	Aut	Kine	-1967 EMT4
Sigma	200	3,5		PS	Kine	-1968 EMT2
Taiyo & Co	200	3,5	Yamatar	Aut	Kine	-1970 EMTZ
Berolina	200	3,5	Auto Berolina	Aut	Kine	FM2
Schachtlike	200	3,5	Super Travenar Auto	Aut	Kine	Japan, not Schacht
Aragon	200	3,5	Auto Aragon	Aut	Kine	
Prinz	200	3,5	Rexatar Automatic	Aut	Kine	"Prinz" not on lens
Taiyo & Co	200	3,5	Yamatar	PS	Kine	-1970 EMTZ
Aetna Optix	200	3,9	Rokunar	PS	Kine	
Sunset	200	3,9		Aut	KORR	-1968 EMYS
Suntar	200	3,9		Aut	KORR	EMYS
Accura	200	3,9	(Supertel)	PS	Kine	-1967 EMT2
Accura	200	3,9		Aut	KORR	-1968 EMYS
Spiratone	200	3,9		Aut	KORR	1971 EMYS
Spiratone	200	3,9		PS	Kine	-1968 EMT2

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Aetna Optix	200	3,9	Tele Rokunar	Aut	KORR	EMYS
Sankor	200	4,0		PS	Kine	
Schacht	200	4,0	Tele-Travenon	Aut	Real	1966
Soligor	200	4,0		Aut	Kine	-1967
Sigma	200	4,0	Minitel	Aut	KORR	1972 EMYS
Schacht	200	4,0	Tele-Travenon	PS	Kine	1966 (no proof yet)
Topcon	200	4,0	R. Topcor	PS	Kine	1957
Kenlock	200	4,0		PS	Kine	EMT2
Zeiss fake	200	4,0	Fernobjectiv	Man	Kine	pre-war alu single achromat lens
Ina	200	4,0		PS	Kine	
Zeiss	200	4,0	SuperDynamax	Aut	Kine	Converted from other mount
Meyer	200	4,0	Orestegor	PS	Kine	1963
Novoflex	200	4,0	Noflexar	Man	Kine	-1970 EM-Novoflex
Steinheil	200	4,0	Tele-Quinar	PS	Kine	1961
Schacht	200	4,0	Tele-Travelon R	Aut	Real	1966
Telesar	200	4,0		PS	Kine	-1965 EM
Schacht	200	4,0	Tele-Travelon	PS	Kine	1966
Sun	200	4,0		PS	Kine	-1964 EMT2
Pentacon	200	4,0	(Orestegor)	PS	Kine	1972
Enna	200	4,4	Tele-Sandmar	Man	Kine	1960
Palinar	200	4,5		?	Kine	
Kashimura	200	4,5	Dianon	PS	Kine	EMT2
Exakta Cam Co	200	4,5	Exakta Telephoto	PS	Kine	-1967
Infotar	200	4,5		PS	Kine	
Bass Cam Co	200	4,5	Telephoto	PS	Kine	-1968 EMT2
Ina Vinson	200	4,5		PS	Kine	
Caspeco	200	4,5	Exakta	PS	Kine	-1968 FM
Prinzgalaxy	200	4,5		PS	Kine	EMT2 FT52
Vemar	200	4,5		PS	Kine	
Telesar	200	4,5	Auto	Aut	Kine	-1967
Aetna Optix	200	4,5	Tele-Rokunar	PS	Kine	EMT2
Hanimex	200	4,5		PS	Kine	EM TST
Optomax	200	4,5		PS	Kine	
Universar	200	4,5		PS	Kine	
Rubica	200	4,5		PS	Kine	
Ashreh	200	4,5		PS	Kine	+1965 EMT2
Seimar	200	4,5		PS?	Kine	EM
Focal	200	4,5		PS	Kine	EMT2
Raynox	200	4,5	Tele-Raynox	PS	Kine	
Samigon	200	4,5		PS	Kine	-1965 EM
Sankyo	200	4,5	Komura	PS	Kine	+1964 EM-Unidapter
Imperial	200	4,5	Tele	PS	Kine	EMT2
Cambridge Cam	200	4,5	Cambron	PS	Kine	-1977 EMT2
Aetna Optix	200	4,5	Tele Coligon	PS	Kine	-1965 EMT2
Tokina	200	4,5		PS	Kine	-1970 EM T2orTST
Caspeco	200	4,5		PS	Kine	-1965 EMT2
Steinheil	200	4,5	Tele-Quinar	PS	Kine	1955 chrome
Bass Cam Co	200	4,5		PS	Kine	+1967 EMT2
	200	4,5	Teloptik	PS	Kine	
Sun	200	4,5		?	Kine	-1964
	200	4,5	Lussa	PS	Kine	
Steinheil	200	4,5	Tele-Quinar	PS	Kine	black
Prinz	200	4,5		PS	Kine	-1977 EMT2
Photax	200	4,5		PS	Kine	EMT2

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Lentar	200	4,5	Tele-Lentar	PS	Kine	EMT2
Hansa	200	4,5	Tele-Lens		Kine	
Sterling-Howard	200	4,5	Astranar	PS	Kine	-1977 EMT2
Telesar	200	4,5		PS	Kine	-1965 EMT2
Soligor	200	4,5		PS	Kine	+1962 EMT2
Kalimar	200	4,5	Kaligar	PS	Kine	-1965 EMT2
Juplen	200	4,5		PS	Kine	-1965 EMT2
Beroflex	200	4,5			Kine	EMT2
	200	4,5	Telelumax	PS	Kine	not from Corfield!
Voigtländer	200	4,5		Man	Kine	adapted?
Spiratone	200	4,5		PS	Kine	-1964 EMT2
UGL	200	4,8	Condoron	PS	Kine	Prob. EMT2
Birns & Sawyer	200	5,5	Omnitar	PS	Kine	-1968 EM BS-system
Schneider	200	5,5	Tele-Xenar	Aut	Real	
Schneider	200	5,5	Tele-Xenar	PS	Kine	1956
Listar	200	5,5		PS	Kine	
Piesker	200	5,5	Tele-Picon	PS	Kine	1952
Piesker	200	5,6	Tele-Voss	PS	Kine	1952
Hanimex-Tamro	200	5,9			Kine	
Tamron	200	6,0		Man	Kine	EMT2
Ashreh	200	6,6		PS	Kine	+1965 EMT2
Encino	200	7,5		---	Kine	-1965
Century	205		Tel Athenar	Man	Kine	FM?
Kinoptik Paris	210	2,5	Apochromat	Man	Kine	
Kinoptik	210	2,8	Special Cine	?	Kine	
Zeiss	210	3,5	Tessar	Man	Kine	adapted one-of-a-kind
Plaubel	210	5,4	Tele-Makinar	Man	Kine	21cm Rare
Meyer	210	6,8	Doppel Anastigmat	Man	Kine	adapted probably by B&J
Century	215	3,5	Tele-Athenar	?	Kine	-1965 EM
Dallmeyer	230		New Large Adon	Man	VP2	9"
Century	230	2,8	Tele-Athenar II	Man	Kine	EMT2
Dallmeyer	230	4,5	New Large Adon	Man	Kine	9"
Dallmeyer	230	4,5	Dallon Tele-Anastigmat	Man	VP2	9"
Century	230	4,5	Tele-Athenar	?	Kine	-1965 EM
Dallmeyer	230	5,6	Dallon Tele-Anastigmat	Man	Kine	9"
Kalimar	240	4,0	Kaligar	PS	Kine	-1965
Kalimar	240	4,0	Kaligar	Aut	Kine	-1965
Enna	240	4,5	Tele-Ennalyt		AM	1963
Schneider	240	4,5	Tele-Xenar	Man	Kine	1949
Enna	240	4,5	Tele-Ennalyt	Aut	Kine	
Schneider	240	4,5	Tele-Xenar	Man	Kine	1938 24cm
Novoflex	240	4,5	Noflexar	PS	Kine	-1960 follow focus
Novoflex	240	4,5	Noflexar	Man	Kine	-1968 EM-Novoflex
Schneider	240	4,5	Tele-Arton	?	Kine	1959
Kalimar	240	4,5	Kaligar	PS	Kine	-1965
Enna	240	4,5	Tele-Ennalyt	CS	Kine	1959=Edixa Eximar tele=Corfield
Schneider	240	4,5	Tele Xenar	Man	66H	1939
Corfield	240	4,5	Tele-Lumax	CS	Kine	=Enna
Rodenstock fake	240	5,4	Eurynar	Man	Kine	alu? No serial number
Rodenstock ?	240	5,4	Eurynar	Man	Kine	
Schneider	240	5,5	Tele Xenar	Man	VP2	
Schneider	240	5,5	Tele-Xenar	Man	Kine	1950
Novoflex	240	5,6	Noflexar	CS	66V	1953
Dallmeyer	250		Dallon Tele-Anastigmat	Man	VP2	10"

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Astro Berlin	250	2,0	(Gauss-)Tachar	PS	Kine	-1970 EM-Ercona
Kalimar	250	3,5	Tele-Kalimar	PS	Kine	
Voss Photo	250	4,0	Voss	PS	Kine	-1960
Kilfitt Zoomar	250	4,0	Reflectar	---	Kine	EMKil
Kyoei Optical	250	4,0	Acall	?	Kine	EM
Soligor	250	4,5		PS	Kine	+1962 EMT2
Vivitar	250	4,5		Aut	Kine	EMT4
Caspeco	250	4,5		PS	Kine	-1968 EMT2
Birns & Sawyer	250	4,5	Omnitar	PS	Kine	-1968 EM BS-system
Bell & Howell	250	4,5	Eyemax	Man	Kine	10inch
Astra	250	4,5		PS	Kine	fast-focus lever
Piesker	250	4,5	Tele Astranar	PS	Kine	-1965
Sterling-Howard	250	4,5	Follo-focus	PS	Kine	-1965 EMT2
Tokyo Koki	250	4,5	Tele-Tokina	PS	Kine	EMTST
Vivitar	250	4,5		PS	Kine	+1965 EMT2
Soligor	250	4,5	Auto	Aut	Kine	+1967 EMT4
Tokina	250	4,5	Tele-Tokina	PS	Kine	EMT2
Carl Meyer	250	4,5	---		Kine	10 inch, adapted by B&J
Meyer	250	5,5	Telemegor	Man	Kine	chrome
Piesker	250	5,5	Tele Voss	PS	Kine	
Meyer	250	5,5	Telemegor	PS	Kine	1957 black
Piesker	250	5,5	Tele-Votar	PS	Ki66	1955 EMPi
Meyer	250	5,5	Telemegor	PS	Kine	1948 chrome
Meyer fake	250	5,5	Tele-Megor	Man	Kine	pre-war 2 elements alu
Meyer	250	5,5	Tele Megor	Man	Kine	1937
Piesker	250	5,5	Tele-Astra	PS	Ki66	1955 EMPi
Piesker	250	5,5	Tele-Picon	PS	Ki66	1955 EMPi
Meyer	250	5,5	Tele Megor	Man	VP2	
Meyer	250	5,5	Telemegor	Man	66V	
Sterling-Howard	250	5,5	Tele-Astra	PS	Kine	-1960
Dallmeyer	250	5,6	Dallon Tele-Anastigmat	Man	Kine	10"
Lentar	250	5,6			Kine	mirror EMT2
Focal	250	5,6		---	Kine	mirrorlens
Berolina	250	5,6		---	Kine	mirror lens
Zeiss	250	6,3	Tele Tessar	Man	VP2	
Zeiss	250	6,3	Tele-Tessar	Man	Kine	1938 25cm chrome/brass
Zeiss	250	6,3	Tele-Tessar	Man	Kine	WWII alu
Zeiss	250	6,3	Tele-Tessar	Man	66H	25cm chrome/brass
Wollensak	254	4,5	Telephoto Type V	Man	Kine	10" no focusing
Dallmeyer	265	6,7	Dallon Tele-Anast.		Kine	10.5" black/alu adapted by B&J
Dallmeyer	265	6,7	Dallon Tele-Anast.	Man	Kine	10.5" black probably adapted by B
Novoflex	280	5,6	Noflexar	Man	Kine	-1968 EM-Novoflex
Dallmeyer	300		New Large Adon	Man	VP2	12"
Dallmeyer	300		Dallon Tele-Anastigmat	Man	VP2	12"
Eastman Kodak	300	2,5	Aero Ektar	Man	Kine	12" US war surplus
Topcon	300	2,8	R.Topcor	PS	Kine	1957
Century	300	3,2	Tele-Athenar Hi-speed	PS	Kine	-1974 EMT2
Tewe	300	3,5	Telagon	Man	Kine	-1954
TV Berlin	300	3,5	Telagon		Kine	
Kinoptik Paris	300	3,5	Apochromat		Kine	EM
Prinz	300	3,5	Rexatar	Aut	Kine	1971
Birns & Sawyer	300	3,5	Omnitar	PS	Kine	-1965 EM BS-system
Astro Berlin	300	3,5	(Astro-)Telastan	PS	Kine	-1965 EM-Ercona
Century	300	3,5	Tele Athenar	?	Kine	-1965 EM

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Tewe	300	3,5	Telagon	PS	Kine	-1960
Kinoptik Paris	300	3,5	Special Ciné	Man	Kine	
Aetna Optix	300	3,9	Coligon	PS	Kine	
Zeiss	300	4,0	Sonnar	PS	Kine	1950 special pre-set control
Zoomar	300	4,0	Pan-Tele-Kilar	PS	Kine	-1968 EMKil
Kilfitt	300	4,0	Pan-Tele-Kilar	PS	Kine	1956 alu, black brass
Sigma	300	4,0	Macrotel	Aut	KORR	1972 EMYS
Pentax	300	4,0	Takumar	PS	Kine	
Zeiss	300	4,0	Sonnar	Aut	Kine	1972 black
Meyer	300	4,0	Orestegor	PS	OB	1969 =Pentacon
Spiratone	300	4,0		Aut	KORR	EMYS
Zeiss	300	4,0	Sonnar	Aut	Kine	1966 ridged black/chr focusing
Pentacon	300	4,0	(Orestegor)	PS	Kine	1972
Kilfitt	300	4,0	Pan Tele Kilar	PS	66V	1953
Zeiss	300	4,0	Sonnar	Aut	Kine	1961 leatherette focusing
Zeiss	300	4,0	Sonnar	PS	Kine	1949 all black
Zeiss	300	4,0	Sonnar	PS	Kine	1952
Zeiss	300	4,0	Sonnar	PS	Kine	1950 30cm body turns on focus
Century	300	4,2	Tele-Athenar II	Man	Kine	EMT2
Telesar	300	4,5		PS	Kine	-1965 EM
Accura	300	4,5	Supertel Rapid	PS	Kine	-1965 EMT2
UGL	300	4,5	Condoron	PS	Kine	EMT2
Spiratone	300	4,5		PS	Kine	-1968 EMT2
Aetna Optix	300	4,5	Coligon	PS	Kine	-1965
Sankyo	300	4,5	Komura	Aut	Kine	
Century	300	4,5	Tele-Athenar	PS	Kine	-1970 EMT2
Century	300	4,5	Tele-Athenar	Man	Kine	-1960
Dallmeyer	300	4,5	New Large Adon	Man	Kine	12"
Zagorsk	300	4,5			Kine	
Prinz	300	4,5	Rexatar	PS	Kine	EMT2
Beroflex	300	4,5	Auto	Aut	Kine	
Prinz	300	4,5	Rexatar	Aut	Kine	+1971
Steinheil	300	4,5	Tele-Quinar	PS	Kine	1956 black
Meyer	300	4,5	Telemegor	PS	OB	1956
Astro Berlin	300	5,0	Fernbild	PS	Kine	-1970 EM-Ercona
Sankyo	300	5,0	Auto Komura	Aut	Kine	-1968 EM-UnidapterAuto
Aetna Optix	300	5,0	Auto Rokunar	Aut	Kine	FM
Unitor	300	5,0		Aut	Kine	-1976
Schachtlike	300	5,0	Super-Travenar Auto	Aut	Kine	Japan, not Schacht
Sankyo	300	5,0	Komura	PS	Kine	-1965 EM-Unidapter
Tewe	300	5,0	Telon		Kine	+1959 FM
Sankyo	300	5,0		PS	Kine	FM
Birns & Sawyer	300	5,0	Omnitar	PS	Kine	-1968 EM BS-system
Astro Berlin	300	5,0	(Astro-)Fernbildlinse	Man	Kine	1963 ft
	300	5,0	Unigor	Aut	Kine	
Soligor	300	5,0	Auto Soligor	Aut	Kine	-1967
Ihagee West	300	5,0	Exaktar	Aut	Real	-1974
Sterling-Howard	300	5,0	Astragon	Man	Kine	-1960
Spiratone	300	5,5		Aut	KORR	1971 EMYS
Kalimar	300	5,5	Kaligar	PS	Kine	-1965 EMT2 (also 5,6?)
Vemar (Soligor)	300	5,5		PS	Kine	
Ashreh	300	5,5	Telephoto	PS	Kine	
Meyer	300	5,5	Tele Megor	Man	VP2	12inch black on brass
Sesnon	300	5,5	Auto-Sesnon	Aut	Real	

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Meyer	300	5,5	Tele Megor	Man	66H	1939
Schneider	300	5,5	Tele-Xenar	Man	Kine	1936
Exakta Cam Co	300	5,5	Exakta Telephoto	PS	Kine	-1967
Kalimar	300	5,5	Kaligar	Aut	Real	-1975 EM-Auto-T
Spiratone	300	5,5	Auto Spira-Tel YS	Aut	KORR	EMYS
Caspeco	300	5,5	Exakta	PS	Kine	-1968 FM
Caspeco	300	5,5		PS	Kine	-1965 EMT2
Schneider	300	5,5	Tele Xenar	Man	66H	1939
Cambridge Cam	300	5,5	Cambron	PS	Kine	-1977 EMT2
Access	300	5,5		PS	Kine	
Goerz	300	5,5	Dogmar	Man	Kine	
Sun	300	5,5	Tele YS-30	Aut	KORR	EMYS
Soligor	300	5,5		PS	Kine	+1962 EMT2
Tokina	300	5,5		PS	Kine	-1970 EM T2orTST
Accura	300	5,5	Diamatic	Aut	KORR	-1968 EMYS f 5.6?
Samigon	300	5,5		PS	Kine	-1965 EMT2 5,6?
Telesar	300	5,5		PS	Kine	-1967 EMT2
Aetna Optix	300	5,5	Rokunar	Aut	KORR	EMYS
Lentar	300	5,5		Aut	Kine	1972
Vivitar	300	5,5		Aut	Kine	+1969 EMT4
Aetna Optix	300	5,5	Tele Coligon	PS	Kine	-1968 EMT2 5.6?
Sun	300	5,5		?	Kine	-1964
Vivitar	300	5,5		Aut	Kine	+1965 FM
Accura	300	5,5	Supertel	PS	Kine	-1965 EMT2
WVF Präzisa	300	5,5		PS	Kine	
Soligor	300	5,5	Auto	Aut	Kine	1967 EMT4
Hanimex	300	5,5	Tele-lens	PS	Kine	
Schneider	300	5,5	Tele Xenar	Man	VP2	
Spiratone	300	5,5		PS	Kine	-1964 EMT2
Lentar	300	5,5	Tele-Lentar	PS	Kine	
Telesar	300	5,5		PS	Kine	-1965 EM =5.6?
Paragon	300	5,6		PS	Kine	Phototax in UK
Juplen	300	5,6		PS	Kine	-1965 EMT2 or 1:5,5
Kilfitt	300	5,6	Tele-Kilar	Man	Kine	
Tokyo Koki	300	5,6	Tele-Tokina		Kine	
Tamron	300	5,6		PS	Kine	EMT2
Beroflex	300	5,6			Kine	EMT2
Vivitar	300	5,6	(Tele) Vivitar	PS	Kine	-1967 EMT2
Prinz	300	5,6		PS	Kine	-1977 EMT2 5.5?
Rubica	300	5,6		PS	Kine	EM T2?
Kilfitt	300	5,6	Tele-Kilar	PS	Kine	1956
	300	5,6	Admiral	PS	Kine	
Zoomar	300	5,6	Tele-Kilar	PS	Kine	-1968 EMKil
Schachtlike	300	5,6	Travenar	?	Kine	
Seimar	300	5,6		PS	Kine	EMT2
Dollond	300	5,6		?	Kine	
Tamron	300	5,6	Auto-Tamron	Aut	Top	FM2
Aetna Optix	300	5,6	Tele Rokunar	PS	Kine	-1965 EM
Aetna Optix	300	5,6	Rokunar	Aut	Kine	-1968
Taika	300	5,6	Tele Taikanar	PS	Kine	-1962 FMs
Hanimex	300	5,6			Kine	EMT TST? mirror
Spiratone	300	5,6	Minitel-S		Kine	EMT2 mirror
Aetna Optix	300	5,6			Kine	EMT2 mirror
Telesor	300	5,6		PS	Kine	EMT2

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Prinz	300	5,6			Kine	EMT2 mirror
Ritz	300	5,6	Quantaray		Kine	EMT2 mirror
Esplana	300	5,6	Auto-Tele	Aut	Kine	EM?
Sonnagar	300	5,6		PS	Kine	-1964 EMT2
Vivitar	300	5,6		Aut	Kine	
Bushnell	300	5,6		Aut	Kine	-1968 EM-adaptamatic
Photax	300	5,6		PS	Kine	EMT2
Celestron	300	5,6			Kine	EMT2 mirror
Spiratone	300	5,6		Aut	Kine	-1967
Aetna Optix	300	5,6	Rokunar	PS	Kine	-1962
Aragon	300	5,6	R.Topcor	PS	Kine	
Dallmeyer	300	5,6	Dallon Tele-Anastigmat	Man	Kine	12"
Novoflex	300	5,6	Noflexar	PS	Kine	-1960 follow focus
Tamron	300	5,6	Auto Tamron	Aut	OB	-1967 EM-adaptamatic
Kilfitt	300	5,6	Tele Kilar	PS	66V	1953
Bass Cam Co	300	5,6		Aut	Kine	+1967
Bass Cam Co	300	5,6	Exaktar	Aut	Kine	+1972
Cambron	300	5,6			Kine	EMT2 mirror
Sigma	300	5,6				
Topcon	300	5,6	R.Topcor	PS	Kine	1957
Kilfitt	300	5,6	Tele-Kilar	CS	Kine	
Caspeco	300	5,6		Aut	Kine	-1970 EM-Insta-switch
Universar	300	5,6	Tele	?	Kine	
Hanimex	300	6,3		---	Kine	-1970 EM TST? Mirror
Spiratone	300	6,3	MiniTel	---	Kine	EMT2
Zeiss	300	8,0	Tele Tessar	Man	Kine	1939 30cm
Spiratone	300	10,0		---	Kine	-1965 EM monocular
Accura	300	10,0	Photomonocular	---	Kine	-1965 EM monocular
Eastman Kodak	320	3,5	Aero Xenar	?	Kine	
kqc (Schneider)	320	3,5	Aero-Xenar		Kine	
Taylor & Hobson	320	5,6	Cooke telekinetic anast	?	Kine	39mm + Exakta adapter
Zeiss fake	320	6,3	Tele-Tessar	Man	Kine	alu fake/adapted by B&J
Zeiss	320	9,0	Protar	Man	Kine	ca 1900 one-of-a-kind
Holm & Jamer	325	8,0		Man	Kine	-1960
Dallmeyer	350		Dallon Tele-Anastigmat	Man	VP2	14"
Dallmeyer	350		New Large Adon	Man	VP2	14"
Dallmeyer	350	4,5	New Large Adon	Man	Kine	14"
Asasuma	350	5,5		PS	Kine	-1977 EMT2
Bass Cam Co	350	5,5	Telephoto	PS	Kine	-1968 EMT2
Ina	350	5,5		PS	Kine	EMT2
Kawanon	350	5,5		PS	Kine	~1966 EMT2
Cambridge Cam	350	5,5	Cambron	PS	Kine	-1977 EMT2
Sonnagar	350	5,6		PS	Kine	-1967 EMT2 also 3.5
Lentar	350	5,6	Tele-Lentar	PS	Kine	EMT2 F:5.5?
Caspeco	350	5,6		PS	Kine	-1968 EMT2
Soligor	350	5,6	Telephoto	PS	Kine	+1962 EMT2
Dallmeyer	350	5,6	Dallon Tele-Anastigmat	Man	Kine	14"
Spiratone	350	7,0		---	Kine	-1965 EM monocular
Accura	350	7,0	Photomonocular	---	Kine	-1965 EM monocular
Spiratone	350	10,0		---	Kine	-1965 EM monocular
Spiratone	350	11,0	Teletach	---	Kine	-1970 EMT2 monocular
Schneider	360	0,0	ALPA Tele Xenar	?	Kine	black one-of-a-kind?
Schneider	360	5,5	Tele Xenar	Man	VP2	
Schneider	360	5,5	Tele-Xenar	Aut	Real	

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Schneider	360	5,5	Tele-Xenar	Man	Kine	1950
Schneider	360	5,5	Tele Xenar	Man	66H	1939
Schneider	360	5,5	Tele-Xenar	PS	Kine	1957
Dallmeyer	364	4,5	Telephoto	Man	Kine	
Century	385	4,0	Tele-Athenar	Man	Kine	-1974 EMT2
Century	385	4,5	Tele-Athenar	Man	Kine	-1960 EM
Century	385	4,5	Tele-Athenar II	Man	Kine	-1970 EMT2
Century	385	4,5	Kinetar	Man	Kine	adapted prob. B&J
Century	400	3,8		?	Kine	-1968 EMT2
Kilfitt	400	4,0	Sport Zoomatar	PS	Kine	
Kilfitt	400	4,0	Sport-Fern-Kilar	PS	Kine	1958
Marexar	400	4,0	Telephoto	Aut	Kine	EMInstaSwitch
Kilfitt	400	4,0	Sport Fern Kilar	PS	66V	1953
Isco	400	4,5	Tele-Westanar	CS	Kine	1960
Sterling-Howard	400	4,5	Follo-focus	?	Kine	
Dallmeyer	400	4,5	New Large Adon	Man	Kine	17"
Piesker	400	4,5	Tele Votar	Man	Kine	
Enna	400	4,5	Tele-Ennalyt	CS	Kine	1959
Enna	400	4,5	Tele-Sandmar	CS	Kine	1964
Corfield	400	4,5	Tele Lumax	PS	Kine	= Enna Tele-Ennalyt
Tewe	400	4,5	Telagon	Man	Kine	m+ft black alu, tripod mount
Century	400	4,5	Tele-Athenar	?	Kine	-1965 EMT2
Birns & Sawyer	400	4,5	Omnitar	PS	Kine	-1965 EM BS-system
Piesker	400	4,5	Tele-Picon	PS	Ki66	1955 EMPi 2 diff lengths
Astro Berlin	400	5,0	(Astro-)Fernbild	Man	Kine	1951 bright and black alu
Sterling-Howard	400	5,0	Astragon	PS	Kine	-1965 EM
Tewe	400	5,0	Votar	PS	Kine	+1959 FM
Astro Berlin	400	5,0	Fernbild	PS	Kine	-1970 EM-Ercona
Sterling-Howard	400	5,0	Astragon	Man	Kine	-1960
Birns & Sawyer	400	5,0	Omnitar	PS	Kine	-1965 EM BS-system
Tewe	400	5,0	Telon		Kine	+1959 FM
Tewe	400	5,0	Telagon	Man	Kine	-1960
Taika	400	5,5	Coligon	Man	Kine	-1960
Walter Voss	400	5,5	Votar	PS	Kine	
Soligor Miranda	400	5,5		PS?	Kie	
Scopus	400	5,5	Rotar	Man	Kine	-1960
Meyer	400	5,5	Telemegor	PS	?	1952 alu
Piesker	400	5,5	Tele-Astra	PS	Ki66	1955 EMPi chrome/2 black rings
Soligor	400	5,5		PS	Kine	1960 FM
Piesker	400	5,5	Voss II		Kine	
Meyer	400	5,5	Telemegor	PS	OB	1967? black coarse grip right turn
Meyer	400	5,5	Telemegor	PS	OB	1966 f22 black fine grip left turn
Birns & Sawyer	400	5,5	Omnitar	PS	Kine	-1965 EM BS-system
Meyer	400	5,5	Telemegor	PS	?	1956 f32 black
Piesker	400	5,5	Tele-Picon	PS	Kine	
Piesker	400	5,5	Tele Voss	?	Kine	black/alu
Piesker	400	5,5	Voss	PS	Ki66	1955 EMPi
Meyer	400	5,5	Tele Megor	Man	Kine	1937 40cm
Voss Photo	400	5,5	Voss Fujita	PS	Kine	-1960
Piesker	400	5,5	Tele-Votar	?	Kine	
Meyer	400	5,5	Telemegor	PS	66V	1953
Sterling-Howard	400	5,5	Tele-Astra	PS	Kine	
Scopus	400	5,5	Rotar	PS	Kine	-1960
Sterling-Howard	400	5,5	Tele-Astra	Man	Kine	-1960



Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Sterling-Howard	400	5,5	Tele Astranar	PS	Kine	-1960 EM follow focus
Piesker	400	5,5	Tele-Astranar	PS	Ki66	1955 EMPi
Soligor	400	5,6		Aut	KORR	EMYS
	400	5,6	Tele-Astronar	PS	Kine	black; West-Germany
Taika	400	5,6	Tele Coligon	PS	Kine	EM
Novoflex	400	5,6	Noflexar	PS	Kine	-1967 nesting
Vivitar	400	5,6		PS	Kine	-1965 EMT2
Enna	400	5,6	Tele-Ennalyt	CS	Kine	1964
Seymour's Aetn?	400	5,6	Tele Coligon	PS	Kine	
Kilfitt	400	5,6	Fern-Kilar	Man	Kine	1953 EMKi
Kilfitt	400	5,6	Fern Kilar	PS	66V	1953
Novoflex	400	5,6	Noflexar	Man	Kine	-1968 EM-Novoflex
Aetna Optix	400	5,6	Spectra Tele-Coligon	PS	Kine	-1960
Encino	400	5,6	Astronar		Kine	-EM?
Novoflex	400	5,6	Fernobjectiv	PS	Kine	-1960 follow focus
Sigma	400	5,6		Aut	KORR	1976 EMXQ
Kilfitt	400	5,6	Tele-Kilar	PS	Kine	1956
Accura	400	5,9	Ultratel		Kine	
Ringfoto	400	5,9		PS?	Kine	
Fokinar	400	6,3		?	Kine	
Soligor	400	6,3		Aut	Kine	+1967 EMT4
Sterling-Howard	400	6,3	Tele-Amitar	PS	Kine	-1965 EMT2
Soligor	400	6,3		PS	Kine	+1962 EMT2
Kalimar	400	6,3	Kaligar	PS	Kine	-1965 EMT2
Sankyo	400	6,3	Komura	CS	Kine	EM M39plus
Aetna Optix	400	6,3		PS	Kine	EMT2
Exakta Cam Co	400	6,3	Exakta Telephoto	PS	Kine	-1967
Sonnagar	400	6,3		PS	Kine	-1964 EMT2
Sun	400	6,3		?	Kine	-1964
Ashreh	400	6,3		PS	Kine	+1965 EMT2
Juplen	400	6,3		PS	Kine	-1965 EMT2
Rubica	400	6,3			Kine	
PRO	400	6,3		PS	Kine	-1977 EMT2
Prinz	400	6,3		PS	Kine	-1977 EMT2
Ritz Camera	400	6,3	Quantaray	PS	Kine	-1977 EMT2
Cambron	400	6,3		PS	Kine	EMT2
Spiratone	400	6,3	Plura-Coat	PS	Kine	-1977 EMT2
Beroflex	400	6,3		PS	Kine	EMT2
Taika	400	6,3	Tele-Cinconar	PS	Kine	-1965 EMTST
Mepro	400	6,3		?	Kine	EMT2
Hanimex	400	6,3		PS	Kine	EM
Reflexagar	400	6,3	Reflexagar	Aut	YS	
Vemar	400	6,3		PS	Kine	
Tamron	400	6,3	Tele-Cinconar	PS	Kine	
Typonar	400	6,3		PS	Kine	EMT2
Raynox	400	6,3		PS	Kine	
Spiratone	400	6,3		PS	Kine	-1977 EMT2
Quarry	400	6,3			Kine	EMT2
Lentar	400	6,3	Tele-Lentar	PS	Kine	EMT2
Caspeco	400	6,3		PS	Kine	-1965 EMT2
Zeiss fake	400	6,3	Tele-Tessar	Man	Kine	Voigtländer brass lens in alu
Edixa	400	6,3	Edixar	PS	Kine	
Danubia	400	6,3		PS	Kine	EMT2
Cunor	400	6,3			Kine	

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Kalimar	400	6,3	Kaligar	Aut	Real	-1975 EM-Auto-T
Sterling-Howard	400	6,3	(Tele-)Astranar	PS	Kine	-1975 EMT2
Sesnon	400	6,3	Auto-Sesnon	Aut	Real	
Lentar	400	6,3		Aut	Kine	1972
Eyemik	400	6,3			Kine	
Cambridge Cam	400	6,3	Cambron	PS	Kine	-1977 EMT2
Vivitar	400	6,3		Aut	Kine	EMT4
Siatex	400	6,3		PS	Kine	EMT2
Caspeco	400	6,3	Exakta	PS	Kine	-1968 FM
Tokina	400	6,3		PS	Kine	-1970 EM T2orTST
Sankyo	400	6,3	Komura	PS	Kine	1961 EM-Unidapter
Telesar	400	6,3		PS	Kine	-1965 FM
Samigon	400	6,3		PS	Kine	-1965 EMT2
Aetna Optix	400	6,3	Super Coligon	PS	Kine	-1965 EMT2
Spiratone	400	6,9		PS	Kine	-1964
Tamron	400	6,9	Nestar	PS	Kine	-1965 EMT2
Tamron	400	6,9		PS	Kine	-1967 EMT2 (from Accura)
Encino Eng.	400	7,5	Astronar	---	Kine	no diaphragm
Aetna Optix	400	7,5	Telephoto	PS	Kine	-1965 EM
Tamron	400	7,5		PS	Kine	-1967 EMT2
Spiratone	400	7,5	also Tamron	Man	Kine	1961
Tamron	400	7,5		Man	Kine	-1960 EMT2
Ashreh	400	8,0		PS	Kine	+1965 EMT2
Spiratone	400	13,3		---	Kine	-1965 EM monocular
Hanimar	400	63,0			Kine	
Dallmeyer	430		Dallon Tele-Anastigmat	Man	VP2	17"
Dallmeyer	430		New Large Adon	Man	VP2	17"
Dallmeyer	430	5,6	Dallon Tele-Anastigmat	Man	Kine	17"
Aetna Optix	450	6,5	Super Coligon	PS	Kine	-1968 EMT2 6.3?
Caspeco	450	6,5		PS	Kine	-1968 EMT2
Soligor	450	8,0		PS	Kine	+1962 EMT2
Five Star	500				Kine	EM
Century	500	4,0	Tele-Athenar Hi-speed	Man	Kine	-1974 EMT2
Accura	500	4,0	Mirror Ultratel	---	Kine	-1968 EMT2
Zeiss	500	4,0	Spiegelobjektiv	---	Kine	±1957 EM mirror lens
Zeiss	500	4,0	Catoptric	PS	Kine	-1970 EM-Ercona
Zeiss	500	4,0		---	Kine	-1964 mirror lens
Spiratone	500	4,0		---	Kine	1972 mirror lens
Sigma	500	4,0		Aut	KORR	-1976 EMXQ mirror lens
Ashreh	500	4,5		PS	Kine	+1965 EMT2
Century	500	4,5	Tele-Athenar	Man	Kine	-1974 EMT2
Astro Berlin	500	4,5	Fernbild	PS	Kine	-1970 EM-Ercona
Astro Berlin	500	4,5	(Astro-)Telastan	PS	Kine	-1965 EM-Ercona
Century	500	4,5	Tele-Athenar II	Man	Kine	EMT2
Century	500	4,7		?	Kine	-1968 EMT2
Novoflex	500	5,0		?	Kine	-1960 follow focus
Astro Berlin	500	5,0	(Astro-)Fernbild	Man	Kine	1953 EM-Ercona
Tewe	500	5,0	Telon	Man	Kine	-1954
Soligor	500	5,0		PS	Kine	+1962 EMT2
Birns & Sawyer	500	5,0	Omnitar	PS	Kine	-1965 EM BS-system
Tewe	500	5,0	Telon		Kine	+1959 FM
Sterling-Howard	500	5,0	Astragon	Man	Kine	-1960 (Tewe Fernobjektiv)
Taika	500	5,0	Telagon	Man	Kine	-1960
Tewe	500	5,0	Telagon	Man	Kine	-1957

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Astro Berlin	500	5,0	Fernbild	PS	Kine	-1970 EM-Ercona
Meyer	500	5,5	Tele Megor	Man	Kine	1939
Meyer	500	5,6	Orestegor	PS	OB	1969
Celestron	500	5,6			Kine	EMT2 mirror
Century	500	5,6	Tele-Athenar	Man	Kine	-1974 EMT2
Century	500	5,6	Tele-Athenar	PS	Kine	-1970 EMT2
Zoomar	500	5,6	Reflectar	---	Kine	focus with backwheel
Zoomar	500	5,6	Sport Reflectar	PS	Kine	-1968 EMKil
Novoflex	500	5,6	Noflexar	CS	66V	1953
Kinoptik Paris	500	5,6	Aplanat	Man	Kine	
Century	500	5,6	Tele-Athenar II	Man	Kine	EMT2
Zoomar	500	5,6	Sport Reflectar	---	Kine	-1977 EMKil mirror lens
Reflexagar	500	6,3	Tele-Reflexagar		Kine	
Vivitar	500	6,3		PS	Kine	-1977 EMT2
Old Delft	500	6,3	Delca	---	Kine	±1954 mirror, black alu
Sankyo	500	7,0	Komura	PS	Kine	-1960 EM-Unidapter two pieces
Sankyo	500	7,0	Komura	PS	Kine	1962 FM
Samigon	500	8,0		Man	Kine	-1965 EMT2
Zeiss	500	8,0	Fernobjectiv	PS	OB	1958
Exakta	500	8,0		--	Kine	EMT2 mirror lens; grey filters
Accura	500	8,0	Mirror Ultratel	---	Kine	-1968 EMT2 =Spiratone
Juplen	500	8,0		PS	Kine	-1968 EMT2
Aetna Optix	500	8,0	Coligon	Man	Kine	-1965 EM
Universar	500	8,0	Tele		Kine	
Sterling-Howard	500	8,0	(Tele-)Astranar	PS	Kine	-1975 EMT2
Photax	500	8,0	Paragon		Kine	EMT2
Tamron	500	8,0			Kine	EMT2
Caspeco	500	8,0		PS	Kine	-1965 EMT2
Sonnagar	500	8,0		PS	Kine	-1965 EM
Kyoei Optical	500	8,0	Acall	?	Kine	EM
Cambridge Cam	500	8,0	Cambron	PS	Kine	-1977 EMT2
Soligor	500	8,0		PS	Kine	+1962 EMT2
Kalimar	500	8,0	Kaligar	Man	Kine	-1965 EMT2
Ritz Camera	500	8,0	Quantaray		Kine	EMT2 macro to 1.7m
Spiratone	500	8,0	Minitel-M		Kine	EMT2 mirror
Exakta	500	8,0		PS	Kine	EMT2
Kawanon	500	8,0		PS	Kine	~1966 EMT2
Walter Voss	500	8,0	Votar	?	Kine	
Lentar	500	8,0			Kine	mirror EMT2
LZOS Lutkarino	500	8,0	ZM-5A	Man	Kine	CA 1971-1985
Vivitar	500	8,0		PS	Kine	-1965
Telesar	500	8,0		Man	Kine	-1967 EMT2
MTO Zenit	500	8,0		Man	Kine	Adapted
Edixa?	500	8,0	Tele Eximar	PS	Kine	EMT2 Spezial 10x
Soligor	500	8,0		PS	Kine	-1976 mirror
Beroflex	500	8,0			Kine	EMT2
Celestron	500	8,0			Kine	EMT2 mirror
Prinz	500	8,0		PS	Kine	EMT2
Ritz	500	8,0	Quantaray		Kine	EMT2 mirror
Ashreh	500	8,0		PS	Kine	+1965 EMT2
Cambron	500	8,0		PS	Kine	EMT2
Hanimex	500	8,0	Mirror	---	Kine	-1970 EM TST?
Hama	500	8,0	T 2/CA		Kine	EM
Bass Cam Co	500	8,0			Kine	+1967 EMT2 mirror lens

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Vivitar	500	8,0		Man	Kine	-1967
Samigon	500	8,0	Mirror	---	Kine	-1977 EMT2 mirror lens
Caspeco	500	8,0	Exakta	PS	Kine	-1968 FM
Zeiss	500	8,0	Fernobjectiv	Man	Kine	1936 ?=1954
Aico	500	8,0	Sunagor	---	Kine	EMT2
Spiratone	500	8,0	Mirror Ultratel	---	Kine	-1965 EMT2 Russian =Accura
Century	500	8,0	Tele-Athenar		Kine	-1965 EM
Sigma	500	8,0	Ultratel	---	Kine	1974 EMT2 mirror lens
Cambridge Cam	500	8,0	Cambron		Kine	-1977 EMT2 mirror lens
Exakta Cam Co	500	8,0	Exakta Telephoto	PS	Kine	-1967
Danubia	500	8,0		PS	Kine	EMT2
Aetna Optix	500	8,0	Rokunar		Kine	EMT2 mirror
Prinz	500	8,0		---	Kine	-1977 EMT2 mirror lens
Asanuma	500	8,0		PS	Kine	-1977 EMT2
Schachtlike	500	8,0	Super Albinar	---	Kine	EMT2
Exakta Cam Co	500	8,0	Exakta	---	Kine	-1970 FM mirror
Access	500	8,0	SQ	PS	Kine	EMT2
Samyang	500	8,0		?	Kine	mirror
Cambron	500	8,8		---	Kine	mirror lens
	500	11,0	Telespect	Man	Kine	FM spec Mirr w diaph elfocus 5.6V
Taylor & Hobson	508	5,5	Cooke Series VIII	Man	Kine	20 inch
Bausch & Lomb	508	5,6	Telephoto Anastigmat	Man	Kine	
Dallmeyer	510		Dallon Tele-Anastigmat	Man	VP2	20"
Dallmeyer	510		New Large Adon	Man	VP2	20"
Dallmeyer	510	4,5	New Large Adon	Man	Kine	20"
Birns & Sawyer	510	5,3	Omnitar	?	Kine	-1965 EM 1:5.25
Dallmeyer	510	5,6	Dallon Tele-Anastigmat	Man	Kine	20"
Birns & Sawyer	510	7,5	Omnitar	?	Kine	-1965 EM
Weth	515	6,3	Telestigmar		Kine	
Century	600	4,5	Hi-Speed Tele-Athenar I	Man	Kine	EMT2
Century	600	4,5	Tele-Athenar Hi-speed	Man	Kine	-1974 EMT2
Century	600	4,8		?	Kine	-1968 EMT2
Tewe	600	5,0	Telon		Kine	+1959 FM
Piesker	600	5,0	TV Piesker	?	Kine	-1956
Tewe	600	5,0	Telagon	Man	Kine	
Tewe	600	5,0	Telagon		Kine	+1959 FM
Birns & Sawyer	600	5,0	Omnitar	PS	Kine	-1965 EM BS-system
Tewe	600	5,0	Telon	Man	Kine	-1954
Sterling-Howard	600	5,0	Astragon	Man	Kine	-1960
Kilfitt	600	5,6	Fern-Kilar	PS	Kine	1956
Zoomar	600	5,6	Sport-Reflectar	PS	Kine	-1968 EMKil
Kilfitt	600	5,6	Fern Kilar	PS	66V	1953
Enna	600	5,6	Tele-Ennalyt	CS	Kine	1964
Century	600	6,3	Tele-Athenar	Man	Kine	-1960
Cambridge Cam	600	8,0	Cambron	PS	Kine	-1977 EMT2
Kawanon	600	8,0		PS	Kine	~1966 EMT2
Vivitar	600	8,0		PS	Kine	-1965 EMT2
Vemar	600	8,0	Telephoto	PS	Kine	EMT2
Tokina	600	8,0		PS	Kine	-1970 EM T2orTST
Soligor	600	8,0		PS	Kine	+1962 EMT2
Aetna Optix	600	8,0	Super Coligon	PS	Kine	-1968 EMT2
Sterling-Howard	600	8,0	(Tele-)Astranar	PS	Kine	-1975 EMT2
Asanuma	600	8,0		PS	Kine	-1977 EMT2
Caspeco	600	8,0		PS	Kine	-1965 EMT2

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Exakta Cam Co	600	8,0	Exakta Telephoto	PS	Kine	-1967
Sterling-Howard	600	8,0	Tele-Amitar	PS	Kine	-1965 EMT2
Encino Eng.	600	11,0	Astronar	---	Kine	-1960
Dallmeyer	610		Dallon Tele-Anastigmat	Man	VP2	24"
Dallmeyer	610		New Large Adon	Man	VP2	24"
Dallmeyer	610	4,5	New Large Adon	Man	Kine	24"
Dallmeyer	610	5,6	Dallon Tele-Anastigmat	Man	Kine	24"
Bausch & Lomb	610	6,0	Aero Tessar	Man	Kine	
Carl Meyer	613	5,6		?	Kine	EM 24 inch
Astro Berlin	640	5,0	Fernbild	PS	Kine	-1970 EM-Ercona
Astro Berlin	640	5,0	(Astro-)Fernbild	Man	Kine	1953 EM-Ercona
Novoflex	640	9,0	Noflexar	?	Kine	1959 follow focus
Century	650	6,3	Tele-Athenar	Man	Kine	-1970 EMT2
Century	650	6,8	Tele-Athenar II	Man	Kine	EMT2
Cambron	650	8,5			Kine	EMT2 mirror
Birns & Sawyer	680	6,8	Omnitar	?	Kine	-1965 EM 1:6.75
Birns & Sawyer	680	7,5	Omnitar	?	Kine	-1965 EM
Perkin-Elmer	680	12,0	Compact Telephoto	Man	Kine	EM? US Army no
Questar	700	8,0			Kine	EM
Century	750	5,0	Tele-Athenar	?	Kine	-1965 EM
Bell&Howell	750	6,0	Lumetar	---	Kine	EMT2 mirror
Celestron	750	6,0			Kine	EMT2 mirror
Prinz	750	11,0		---	Kine	-1977 EMT2 mirror lens
Hanimex	750	11,0	Mirror	---	Kine	-1970 EM TST?
Century	800	4,7	Tele-Athenar Hi-speed	Man	Kine	-1974 EMT2
Century	800	4,7	Hi-Speed Tele-Athenar I	Man	Kine	EMT2
Sterling-Howard	800	5,0	Astragon	Man	Kine	-1960 EM
Tewe	800	5,0	Telon	Man	Kine	-1960
Astro Berlin	800	5,0	Fernbild	PS	Kine	-1970 EM-Ercona
Tewe	800	5,0	Telagon		Kine	+1959 FM
Astro Berlin	800	5,0	(Astro-)Fernbild	Man	Kine	1953 EM-Ercona
Piesker	800	5,0	TV Piesker	?	Kine	-1956
Birns & Sawyer	800	5,0	Omnitar	PS	Kine	-1965 EM BS-system
Century	800	5,6	Tele-Athenar	?	Kine	-1965 EM
Century	800	6,0	Tele-Athenar II	Man	Kine	EMT2
Tewe	800	6,3	Telagon	Man	Kine	-1953
Tokina	800	8,0		PS	Kine	-1970 EM T2orTST
Caspeco	800	8,0		PS	Kine	-1965 EMT2
Ashreh	800	8,0		PS	Kine	+1965 EMT2
Sterling-Howard	800	8,0	Tele-Amitar	PS	Kine	-1965 EM
Cambron	800	8,0		PS	Kine	EMT2
Sterling-Howard	800	8,0	Astronar	PS	Kine	-1975 EMT2
Pentax	800	8,0	Spotting Scope	---	Kine	EMT2
Exakta Cam Co	800	8,0	Exakta Telephoto	PS	Kine	-1967
Kawanon	800	8,0	Ultra Coligon		Kine	according to seller; Aetna Optics?
Vivitar	800	8,0		PS	Kine	-1965 EMT2
Cambridge Cam	800	8,0	Cambron	PS	Kine	-1977 EMT2
Soligor	800	8,0		PS	Kine	+1962 EMT2
Sankyo	800	8,0	Komura		Kine	1961 EM-Unidapter
Birns & Sawyer	850	7,5	Omnitar	?	Kine	12
Tewe	1000	4,0			Kine	+1959 FM
Birns & Sawyer	1000	4,5	Omnitar	PS	Kine	-1965 EM BS-system
Zeiss	1000	5,6	Spiegelobjektiv	---	Kine	-1964 mirror lens alu knobs
Zeiss	1000	5,6	Prakticar	---	Kine	EM mirr, bck knobs for focus/filters

Factory/Brand	Focus	Aper	Type	Diaph	System	Comments
Century	1000	5,6	Tele-Athenar Hi-speed	Man	Kine	-1974 EMT2
Century	1000	5,6	Tele-Athenar II	Man	Kine	EMT2
Century	1000	5,6	Tele-Athenar	PS	Kine	-1970 EMT2
Astro Berlin	1000	6,3	Fernbild	PS	Kine	-1970 EM-Ercona
Birns & Sawyer	1000	6,3	Omnitar	PS	Kine	-1965 EM BS-system
Tewe	1000	6,3	Telagon		Kine	+1959 FM
Astro Berlin	1000	6,3	(Astro-)Fernbild	Man	Kine	-1953 EM-Ercona
Zeiss	1000	6,3	Catoptric	---	Kine	-1965 EM-Ercona Aus Jena
Sterling-Howard	1000	6,3	Astragon	Man	Kine	-1960
Century	1000	7,0	Tele-Athenar	?	Kine	-1965 EM
Century	1000	8,0	Tele-Athenar II	Man	Kine	EMT2
Zoomar	1000	8,0	Sport Reflectar	---	Kine	-1977 EM mirror lens
Astro Berlin	1000	10,0	Telastan	Man	Kine	EM-Ercona
Exakta Cam Co	1000	10,0	Exakta	---	Kine	-1970 FM mirror
MTO	1000	10,0			Kine	mirror obj
Celestron	1000	11,0			Kine	EMT2 mirror
Carl Meyer	1000	16,0	Prismatic	Man	Kine	-1965 FM
Cambridge Cam	1000	16,0	Cambron		Kine	-1974 EMT2 mirror lens
Roeschlein	1005	4,5	Luxon	Man	Kine	
Dallmeyer	1020		Dallon Tele-Anastigmat	Man	VP2	40"
Dallmeyer	1020	5,6	Dallon Tele-Anastigmat	Man	Kine	40"
Birns & Sawyer	1020	7,5	Omnitar	?	Kine	-1965 EM
Soligor	1050	3,5		PS	Kine	
Century	1200	6,8	Tele-Athenar	PS	Kine	-1970 EMT2
Century	1200	6,8	Tele-Athenar II	Man	Kine	EMT2
Century	1200	7,0	Tele-Athenar Hi-speed	Man	Kine	-1974 EMT2
Celestron	1250	10,0			Kine	EMT2 mirror
Honeywell	1250	10,0	Lumetar		Kine	mirror EMT2
Birns & Sawyer	1360	7,5	Omnitar	?	Kine	-1965 EM
Questar	1400	16,0			Kine	-1965 EM-Questar
Questar	1600	18,0		?	Kine	-1965 EM-Questar
Birns & Sawyer	1700	9,4	Omnitar	?	Kine	-1965 EM
Birns & Sawyer	2000	8,0	Omnitar	PS	Kine	-1968 EM BS-system
Celestron	2000	8,0	Celestar	---	Kine	adapted?
Zoomar	2000	8,0	Reflectar	---	Kine	-1965 EM f 80 inch mirror lens
Tewe	2000	8,8	Shortygon		Kine	+1959 FM mirror lens
Tewe	2000	8,8	Telon	---	Kine	-1960 mirror lens
Celestron	2000	10,0			Kine	EMT2 mirror
Tewe	2000	10,0	Telon		Kine	-1960
Astro Berlin	2000	10,0	Telastan	Man	Kine	-1965 EM-Ercona
Astro Berlin	2000	11,0	Apo-Telastan	Man	Kine	
Zoomar	2000	15,0	Reflectar		Kine	mirror lens
Century	2500	16,0	Tele-Athenar	?	Kine	-1965 EM
Zoomar	2500	20,0	Reflectar	---	Kine	-1965 EM f100 inch mirror lens
Celestron	2800	10,0			Kine	EMT2 mirror
Questar	2845	16,0		---	Kine	-1968 EM-Questar
Zoomar	3800	25,0	Reflectar		Kine	-1965 EM 120 inch f25 mir lens
Celestron	3900	11,0			Kine	EMT2 mirror