

Carl Zeiss Jena Lenses																						© Heinz Schrauf, Solingen/Germany			
		20 - 40 mm focussing distance					50 - 58 mm f.d.			75 - 85 mm f.d.					100 - 500 mm f.d.										
		4 lenses	5 lenses	6 lenses	7-10 lenses	8 lenses	4 lenses	6 lenses	7 lenses	4 lenses	5 lenses	6 lenses	7 lenses	6 lenses	5 lenses	5 lenses	3 lenses	4 lenses	5 lenses	6 lenses	5-6 lenses	2 lenses			
1945																								1945	
1946							2,8 / 50																	1946	
1947	Tessar		Biometar	Biogon			Tessar new	Sonnar	Sonnar															1947	
1948	4,5 / 40		2,8 / 35 only for Contax until III a	2,8 / 35 only for Jena - Contax II				2,0 / 50 only for Contax until III a	1,5 / 5 only for Contax until III a															1948	
1949																								1949	
1950			Topogon				Tessar																	1950	
1951			4 / 25 only for Contax until III a				3,5 / 50																	1951	
1952							both			Tessar														1952	
1953										2,8 / 80														1953	
1954																								1954	
1955																								1955	
1956			small series until app. 1960																					1956	
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1967																								1967	
1968	electric																							1968	
1969	Line																							1969	
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1977																								1977	
1978	Prakticar																							1978	
1979	Line																							1979	
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1945 = Serial No. >2,8 Mio., 1950 >3,2 Mio., 1957 >4,6 Mio., 1959 >5,6 Mio.  
 1947 = Tessar new calculated / optimized  
 1954 = automatic diaphragm only for Exakta  
 1955 = internal release diaphragm for Praktica FX 2, Contax F  
 1960 = end of bright Alu-Finish but now black anodized  
 1969 = some lenses also as "electric"-lenses  
 1976 = starting Multi-Coating (MC)  
 1979 = also as "Prakticar" for Praktica B (Bayonet), some only as "Prakticar"  
 1948 = Start M42 screw mount.  
 1973 = Just only M42, exception: few with Exakta bayonet until 1979  
 1979 = also bayonet mount.

Carl Zeiss Jena Lenses				Meyer Görlitz Lenses										© Heinz Schrauf, Solingen/Germany					
other				28 - 40 mm f.d.			50 - 58 mm f.d.			75 - 90 mm f.d.		100 - 500 mm f.d.							
2 mirrors +4 lenses		9 lenses	12 lenses	5 lenses	4 lenses	7 lenses	3 lenses	4 lenses	5 to 6 lenses	5 lenses	4 lenses	3 lenses	5 lenses		4 lenses		4/5 lenses	4 lenses	
1945																			1945
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from	see page 1			1948 = M 42 screw, Serial No. >1 Mio., 1952 >1.4 Mio., 1957 >2 Mio., 1961 >3 Mio.										1985 = Integration into VEB Carl Zeiss Jena (some lenses named Carl Zeiss Jena P)				©	
app.				1971 = Pentacon, no more Meyer ( without Domiplan )										1990 = once again Meyer, Made in Germany (after Re-Union, 1992 than liquidated)				6 / 97	
				1973 = just only M 42														Schrauf	
				1979 = also as "Pentacon-Prakticar" for Praktica B (Bayonet), some only as "Pentacon-Prakticar"															

Ludwig, Weixdorf Lenses		Feinmess Dresden		How to use the Time Table	
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3 lenses		diverse		3 lenses	
1945					from:
1946					<b>1948</b> Starting production of lenses with M42 screw mount
1947	Victar	very rare as M42 - Prakticar			<b>1969</b> — = electric-Line: Some lenses were produced with electric diaphragm control into the camera body
1948	2,9 / 50	for USA-Export			<b>1971</b> - - - =Pentacon-Line: Integration Meyer Görlitz into the "VEB Kombinat Pentacon". All Meyer lenses (except of Domiplan) were named "Pentacon"
1949	Meritar 2,9 / 50				<b>1973</b> Only production of M42 screw mount lenses, with the exception of few Carl Zeiss Jena lenses with Exakta bayonet until 1979.
1950					<b>1979</b> — =Prakticar-Line: All lenses with bayonet mount were named additional with "Prakticar"
1951					Carl Zeiss Jena lenses only with "Prakticar" Meyer Görlitz lenses with "Pentacon Prakticar"
1952					Some of these lenses were produced in diverse shorter time segments but within related time column, see notice "end of P prod." in the column.
1953					Please note:
1954					If the "electric-" or "Pentacon-" or "Prakticar-" line goes <u>not</u> through the time column, this lens was not existing in the "electric-" or "Pentacon-" or "Prakticar-"version.
1955					If the line goes through the time column <u>or</u> if the lens is named with "el" <u>or</u> "P", this lens was existing as well as in this version.
1956					If the lens is <u>only</u> named with "Prakticar" than it was existing <u>only</u> as "Prakticar". The additional name "auto" always stands for an automatic pressure diaphragm.
1957			Bonotar	▶ The arrow shows always the direction of the further development from the lens	
1958			4,5 / 105		
1959					
1960	from 1959 only for cameras with Exa-mount or fix mounted lenses				Some lenses were produced only for special cameras, these are registered. Other lenses were existing naturally <u>also</u> for these cameras (mostly for Exakta and Exa) <u>if</u> the time column is within the production time of these cameras.
1961					The types (respectively the design principle) of lenses were mainly defined in consequence of the camera design, so as by :
1962					<b>Pentina</b> the : Meyer-Lydlith 3,5/30 + Zeiss-Tessar 2,8/50 + Zeiss-Cardinar 2,8/85 + Meyer-Domigor 4/135.
1963					<b>Werra</b> the : Zeiss-Flektogon 2,8 / 35 + Zeiss-Tessar 2,8 / 50 + Cardinar 4 / 100.
1964					<b>Altix</b> the : Meyer-Lydlith 3,5 / 30 + Meyer-Primagon 4,5 / 35 + Ludwig Meritar 2,9 / 50 or Zeiss-Tessar 2,8 / 50 or Meyer-Trioplan 2,9 / 50 + Telefogar 3,5 / 90
1965					<b>Exa</b> the : lenses with max. 135 mm focal distance
1966					
1967					Those grey areas symbolizes the <u>start of production 1945 step by step</u> and/or the partially takeover of pre-war existing design,
1968					so as the <u>end of production from 1990</u> .
1969					
1970					To get an exactly result of production time the best is to consider <u>different of attributes</u> (see notes "from app." ), because overlappings are possible.
1971					
1972					<b>Zeiss lenses</b> were delivered for export into west-countries mainly named "T" (=Tessar) or "S" (=Sonnar) or "Bm" (=Biometar) because of rights to names.
1973		x2			<b>Meyer lenses</b> were named from app.1971 only for west-export with "Pentaflex-autocolor" or "Auto-Revuenon 1,8/50" (=either Oreston 1,8/50 or Pentacon auto 1,8/50) or "automatic-lens" or "Pentaflex color" or "Orestor 2,8/50" (=always Domiplan 2,8/50), and from 1985 (integration into the VEB Carl Zeiss Jena) "Carl Zeiss Jena P".
1974		Converter			
1975		ter			
1976		named with VEB			
1977		Optisches Werk			
1978		Weixdorf,			
1979		VEB			
1980		Kamerafabrik			
1981		Freital,			
1982		or with Carl			
1983		Zeiss			
1984		Jena			
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
from app.	1959 only for cameras with Exa-mount or fix mounted lenses		1957 only with pre-select diaphragm		

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