

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																					1946		
1947	Tessar																				1947		
1948	4,5 / 40																				1948		
1949																					1949		
1950																					1950		
1951		Topogon																			1951		
1952		4 / 25																			1952		
1953		only for																			1953		
1954		Contax																			1954		
1955		until III a																			1955		
1956																					1956		
1957																					1957		
1958																					1958		
1959		small																			1959		
1960		series																			1960		
1961		until app.																			1961		
1962		1960																			1962		
1963																					1963		
1964																					1964		
1965																					1965		
1966																					1966		
1967																					1967		
1968	electric																				1968		
1969	Line																				1969		
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1976																					1976		
1977																					1977		
1978	Prakticar																				1978		
1979	Line																				1979		
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from	1945 = Serial No. >2,8 Mio., 1950 >3,2 Mio., 1957 >4,6 Mio., 1959 >5,6 Mio.							1960 = end of bright Alu-Finish but now black anodized							1948 = Start M42 screw mount.					©			
app.	1947 = Tessar new calculated / optimized							1969 = some lenses also as "electric"-lenses							1973 = Just only M42, exception:						6 / 97		
	1954 = automatic diaphragm only for Exakta							1976 = starting Multi-Coating (MC)							few with Exakta bayonet until 1979							Schrauf	
	1955 = internal release diaphragm for Praktica FX 2, Contax F							1979 = also as "Prakticar" for Praktica B (Bayonet), some only as "Prakticar"							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	
		3 lenses	diverse	3 lenses	© Heinz Schrauf, Solingen/Germany
1945					from:
1946					1948 Starting production of lenses with M42 screw mount
1947		Victar			1969 = electric-Line: Some lenses were produced with electric diaphragm control into the camera body
1948		2,9 / 50			1971 =Pentacon-Line: Integration Meyer Görlitz into the "VEB Kombinat Pentacon". All Meyer lenses (except of Domiplan) were named "Pentacon"
1949					1973 Only production of M42 screw mount lenses, with the exception of few Carl Zeiss Jena lenses with Exakta bayonet until 1979.
1950		↓			1979 =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		Meritar			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		2,9 / 50			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					→ The arrow shows always the direction of the further development from the lens
1958				Bonotar	
1959				4,5 / 105	
1960					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					Pentina the : Meyer-Lydlth 3,5/30 + Zeiss-Tessar 2,8/50 + Zeiss-Cardinar 2,8/85 + Meyer-Domigor 4/135.
1963					Werra the : Zeiss-Flektogon 2,8 / 35 + Zeiss-Tessar 2,8 / 50 + Cardinar 4 / 100.
1964					Altix the : Meyer-Lydlth 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					Exa the : lenses with max. 135 mm focal distance
1966					
1967					
1968					Those grey areas symbolizes the <u>start of production 1945 step by step</u> and/or the partially takeover of pre-war existing design, 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					Zeiss lenses were delivered for export into west-countries mainly named "T" (=Tessar) or "S" (=Sonnar) or "Bm" (=Biometar) because of rihgts to names.
1973					Meyer lenses 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".
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from app.		1959 only for cameras with Exa-mount or fix mounted lenses		1957 only with pre-select diaphragm	

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