

NODAL POINTS (HH) FOR PROGRAMMING DURST AUTO-ENLARGERS.						LARATUB			
Lens	Rel. aperture	Focal Length	HH / Nodal point	O	Extension ring	N	0850	0872	3690
Schneider:									
Apo-Componon HM 90		90.2	-3.6	39	Horing 39		*		
Apo-Componon HM 150		150.2	-4.4	55	Horing 7255			*	
Componon-S 50		52.6	-6.5	39		*			
Componon-S 80		80.4	-1.8	39		*			
Componon-S 100		100.2	-2.4	39		*			
Componon-S 135		135.6	-3.0	50			*		
Componon-S 150		150.5	-3.3	50			*		
Componon-S 180		180.2	-3.9	55	Horing 7255			*	
Componon-S 210		210.2	-4.4	55	Horing 7255			*	
Componon-S 240		241.1	-5.2	66	Horing 9066				*
Componon-S 300		294.1	-6.2	77	Horing 9077				*
Componon-S 360		351.0	-6.4	90					*
Rodenstock:									
Rodagon 50	1:2.8 (16)	50.1	-2.75	39		*			
Rodagon 50	1:4.0 (16)	50.1	-2.75						
Rodagon 60	1:4.0 (22)	61.80	-1.92	39					
Rodagon 80	1:4.0 (22)	81.0	-2.46			*			
Rodagon 80	1:5.6 (22)	81.0	-2.46	39					
Rodagon 105	1:5.6 (32)	106.4	-1.65	39		*			
Rodagon 135	1:5.6 (32)	135.7	-2.45	39	Horing 39		*		
Rodagon 150	1:5.6 (32)	150.3	-2.35	50			*		
Rodagon 180	1:5.6 (45)	182.5	-3.22	50			*		
Rodagon 210	1:5.6 (45)	206.5	-3.55	58	Horing 7258			*	
Rodagon 240	1:5.6 (45)	237.9	-3.85	72				*	
Rodagon 300	1:5.6 (45)	291.5	-4.7	72				*	
Rodagon 360	1:5.6 (45)	347.3	-5.97	90					*
Apo-Rodagon 50	1:2.8 (16)	50.2	-0.17						
Apo-Rodagon 80	1:4.0 (22)	82.6	+2.27						
Apo-Rodagon 180	1:4.8 (32)	180.3	+0.75						
Apo-Rodagon-N 50		50.2	-2.3	39		*			
Apo-Rodagon-N 80		82.5	-2.78	39		*			
Apo-Rodagon-N 105		104.6	-3.0	39		*	*		
Apo-Rodagon-N 150		150.3	-5.22	50					
Rodagon-G 50	1:2.8 (16)	52.1	-9.69						
Rodagon-G 105	1:5.6 (45)	104.2	-2.50						
Rodagon-G 150	1:5.6 (45)	146.6	-3.50						
Rodagon-G 210	1:5.6 (45)	206.9	-4.90						
Rodagon-G 240	1:5.6 (45)	239.9	-5.70						
Rodagon-G 300	1:5.6 (45)	291.7	-4.78						
Rodagon-G 360	1:6.8 (45)	347.3	-4.78						
Nikon:									
El-Nikkor 50	1:2.8 (16)	52.1	-13.90						
El-Nikkor 50	1:4.0 (16)	51.6	+1.50						
El-Nikkor 63	1:2.8 (16)	62.9	-5.00						
El-Nikkor 75	1:4.0 (45)	75.0	+2.70						
El-Nikkor 80	1:5.6 (32)	80.1	-3.30						
El-Nikkor 105	1:5.6 (32)	105.5	+0.90						
El-Nikkor 135	1:5.6 (45)	135.0	+2.20						
El-Nikkor 150	1:5.6 (45)	150.0	+2.40						
El-Nikkor 180	1:5.6 (45)	180.0	+0.30						
El-Nikkor 210	1:5.6 (45)	210.0	+3.60						
El-Nikkor 240	1:5.6 (45)	240.0	+0.20						
El-Nikkor 300	1:5.6 (45)	300.0	0.00						
El-Nikkor 360	1:5.6 (45)	360.0	0.00						

