

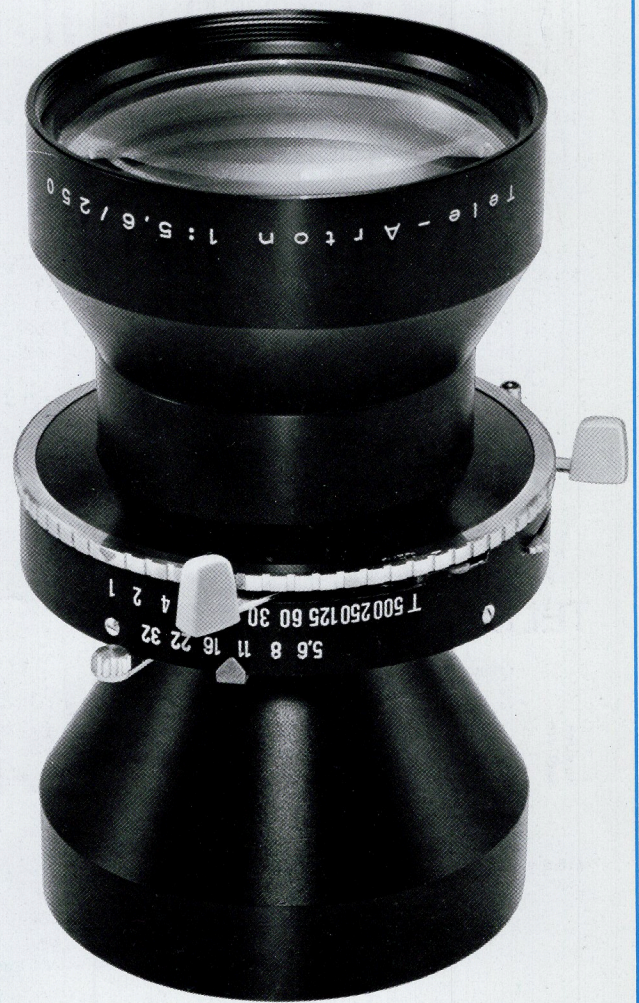
The SCHNEIDER TELE-ARTON and TELE-XENAR lenses are five and four-element, four-component designs, respectively. These classical lens types are distinguished by good contrast rendition and high resolution. As a result, they fully satisfy the requirements of present-day professional photography. Being telephoto lenses for large-format cameras, the TELE-ARTON and TELE-XENAR not only satisfy coverage of infinite objects, but are excellent for portraiture and advertising photography in the studio and on-location industrial photography. The lighter of the two, the extremely handy TELE-XENAR, is primarily used by press photographers, while the TELE-ARTON is a favorite of studio photographers who appreciate its outstanding performance.

	TELE-ARTON		TELE-XENAR	
Focal length (mm)	250	360	360	
Relative aperture	1:5.6	1:5.5	1:5.5	
Angle of view (degrees) at largest aperture	34	34	34	
Image circle $\varnothing$ (mm) at largest aperture	154	216	224	
Angle of view (degrees) at f/22	35	41	35	
Image circle $\varnothing$ (mm) at f/22	158	264	230	
Recommended format size in mm	90 x 120	130 x 180	130 x 180	
Format diagonal in mm	141.0	210.1	210.1	
Recommended format size in inches	4 x 5	5 x 7	5 x 7	
Format diagonal in mm	153.7	208.7	208.7	
Accessory thread $\varnothing$ (mm) filter code	67 E	95 E	67 E	
Schneider gelatin filter holder*	II	III	II	
Intermediate ring (for filter holder)*	IIc	IIIc	IIc	
Lens displacements in mm, at f/22, at infinity (actual format, mm x mm)	2 1/2" x 3 1/2" $\blacklozenge$	40	98	80
	(56x80) $\blacklozenge$	34	89	72
	65x90 $\blacklozenge$	39	97	79
	(58x81) $\blacklozenge$	33	88	71
	90x120 $\blacklozenge$	13	78	58
	(83x114) $\blacklozenge$	10	68	50
	4" x 5" $\blacklozenge$	3	70	50
	(96x120) $\blacklozenge$	3	63	45
5" x 7" $\blacklozenge$		40	17	
(121x170) $\blacklozenge$		32	13	
130x180 $\blacklozenge$		40	16	
(122x171) $\blacklozenge$		32	12	

\* Brochure available, on request

The above tables define camera movements for the various TELE-ARTON and TELE-XENAR lenses, f/5.5 and f/5.6, when stopped down to f/22. Camera movement is a function of focal length and negative size (horizontal format). The symbol  $\blacklozenge$  is used for vertical movement, the symbol  $\blacklozenge$  for horizontal movement.

# TELE-ARTON TELE-XENAR

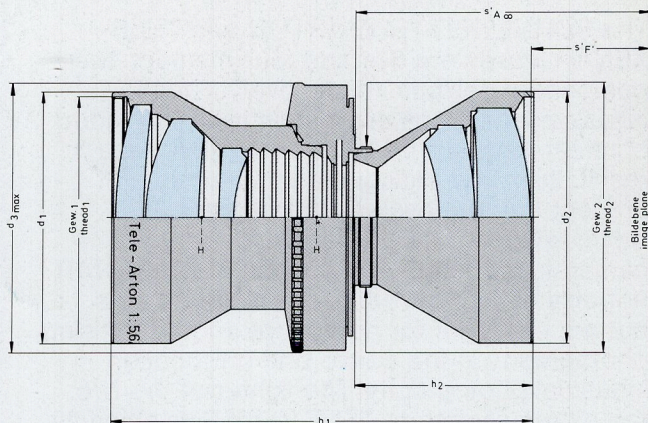


**Schneider**  
PHOTOGRAPHIC TAKING LENSES



# TELE-ARTON - TELE-XENAR

The table below lists important optical and mechanical data to facilitate the use and selection of a proper SCHNEIDER camera lens. The lens illustration, opposite, supplements this data. The reference lines relate to dimensions in the table and are identified by similar symbols.



## TELE-ARTON

## Technical data

Relative aperture	Focal length in mm		Nodal point separation HH'	Back focus s'F'	Accessory thread 1	Front mount diameter d <sub>1</sub>	Max. mount diameter d <sub>3</sub>	Rear mount diameter d <sub>2</sub>	Overall length h <sub>1</sub>	Lens seat to lens rear h <sub>2</sub>	Mounting thread <sub>2</sub>	Flange focus s'A <sub>∞</sub>	Smallest aperture	Available mounts	Weight in g	Article							
	Engraved	Effective focal length ± 1 %																					
1:5.6	250	251	+32.5	157	M 67×0.75	70	75	70	117	49.5	M 39×0.75	206.4	32	Compur 1	850	12789							
							75										49.5	206.4	Compur Elect 1	865	12790		
							75										49.5	206.4	Prontor Press 1	805	12791		
							73										49.6	206.5	Copal 1	808	12792		
1:5.5	360	353	+74.3	168	M 95×1	100	96	60	124	38.3	M 62×0.75	206	45	Compur 3	1185	12387							
							96										38.3	M 62×0.75	206	45	Compur Elect 3	1200	10844
							102										38.3	M 62×0.75	206	45	Copal 3	1110	11099
							66.5										42.0	60ø 29 1/3 Gg	209	32	NK III/7	935	10280

## TELE-XENAR

Relative aperture	Focal length in mm		Nodal point separation HH'	Back focus s'F'	Accessory thread 1	Front mount diameter d <sub>1</sub>	Max. mount diameter d <sub>3</sub>	Rear mount diameter d <sub>2</sub>	Overall length h <sub>1</sub>	Lens seat to lens rear h <sub>2</sub>	Mounting thread <sub>2</sub>	Flange focus s'A <sub>∞</sub>	Smallest aperture	Available mounts	Weight in g	Article							
	Engraved	Effective focal length ± 1 %																					
1:5.5	360	366	+68.6	184	M 67×0.75	70	96	57	110	27.1	M 62×0.75	210.3	45	Compur 3	860	12388							
							96										27.1	M 62×0.75	210.3	45	Compur Elect 3	877	10828
							102										27.1	M 62×0.75	210.3	45	Copal 3	805	11100
							66.5										30.7	60ø 29 1/3 Gg	214.0	32	NK III/7	627	10261

These specifications are subject to change in whole or part prior notice.

Jos. Schneider & Co., Optische Werke, D-6550 Bad Kreuznach

☎ 0671/6011 ✉ 947 ☒ 042800

