

WOLLENSAK  
RETAIL PRICE LIST  
No. 18-A

Press, Telephoto, Wide Angle  
Lenses in Shutters, Enlarging  
Lenses and Accessories.

Effective October 1, 1950

*Prices may be changed without notice, and are  
subject to any other charges that may be imposed  
by any Government agency.*

**WOLLENSAK OPTICAL COMPANY**  
ROCHESTER, NEW YORK, U. S. A.



# LENSES AND SHUTTERS FOR STILL PHOTOGRAPHY

## RAPTAR SERIES II *f*/4.5 (Wocoted)

EQUIV. FOCUS		<i>f</i>	FILM SIZE	MOUNTING	LIST With Tax
INCH	MM				
2	50	4.5	1 x 1½	In No. 1 Iris Diaph. Barrel	\$32.26
"	"	"	"	In No. 0 Alphax Non-Sync	27.15
"	"	"	"	In No. 0 Alphax Sync	30.15
"	"	"	"	In No. 0 Rapax Non-Sync	37.15
"	"	"	"	*In No. 0 Rapax M-F-Sync	54.65
"	"	"	"	In No. 1 Rapax Full-Sync	62.90
3	75	4.5	2¼ x 2¼	In No. 1 Iris Diaph. Barrel	34.88
"	"	"	"	In No. 1 Rapax Non-Sync	44.76
"	"	"	"	In No. 1 Rapax X-Sync	52.76
"	"	"	"	In No. 1 Rapax Full-Sync	65.51
"	"	"	"	In No. 1 Alphax Non-Sync	29.76
"	"	"	"	In No. 1 Alphax Sync	34.76
3½	90	4.5	2¼ x 3¼	In No. 1 Iris Diaph. Barrel	35.46
"	"	"	"	In No. 1 Rapax Non-Sync	45.35
"	"	"	"	In No. 1 Rapax X-Sync	53.35
"	"	"	"	In No. 1 Rapax Full-Sync	66.10
"	"	"	"	In No. 1 Alphax Non-Sync	30.35
"	"	"	"	In No. 1 Alphax Sync	35.35
4	101	4.5	2¼ x 3¼	In No. 1 Iris Diaph. Barrel	36.33
"	"	"	"	In No. 1 Rapax Non-Sync	46.22
"	"	"	"	In No. 1 Rapax X-Sync	54.22
"	"	"	"	In No. 1 Rapax Full-Sync	66.95
"	"	"	"	In No. 1 Alphax Non-Sync	31.22
"	"	"	"	In No. 1 Alphax Sync	36.22
5	127	4.5	3¼ x 4¼	In No. 2 Iris Diaph. Barrel	39.53
"	"	"	"	In No. 2 Rapax Non-Sync	54.41
"	"	"	"	In No. 2 Rapax X-Sync	62.41
"	"	"	"	In No. 2 Rapax Full-Sync	79.41
"	"	"	"	In No. 2 Alphax Non-Sync	46.91
"	"	"	"	In No. 2 Alphax Sync	54.41
5½	135	4.7	4 x 5	In No. 3 Iris Diaph. Barrel	41.85
"	"	"	"	In No. 2 Rapax Non-Sync	56.74
"	"	"	"	In No. 2 Rapax X-Sync	64.75
"	"	"	"	In No. 2 Rapax Full-Sync	81.75
"	"	"	"	In No. 2 Alphax Non-Sync	49.24
"	"	"	"	In No. 2 Alphax Sync	56.74
6¾	162	4.5	4 x 5	In No. 4 Iris Diaph. Barrel	65.68
"	"	"	"	In No. 3 Rapax Non-Sync	84.08
"	"	"	"	In No. 3 Rapax X-Sync	91.58
"	"	"	"	In No. 3 Rapax Full-Sync	104.58
"	"	"	"	In No. 3 Alphax Non-Sync	76.83
"	"	"	"	In No. 3 Alphax Sync	84.58
7½	190	4.5	5 x 7	In No. 5 Iris Diaph. Barrel	87.77
"	"	"	"	In No. 3 Alphax Non-Sync	98.92
"	"	"	"	In No. 3 Alphax Sync	106.67
8¼	210	4.5	5 x 8	In No. 6 Iris Diaph. Barrel	125.84
"	"	"	"	In No. 4 Alphax Non-Sync	136.63
"	"	"	"	In No. 4 Alphax Sync	146.63
9½	241	4.5	6½ x 8½	In No. 6 Iris Diaph. Barrel	171.47
"	"	"	"	In No. 4 Alphax Non-Sync	182.26
"	"	"	"	In No. 4 Alphax Sync	192.26
11½	302	4.5	8 x 10	In No. 7 Iris Diaph. Barrel	224.36
"	"	"	"	In No. 5 Alphax Non-Sync	236.00
"	"	"	"	In No. 5 Alphax Sync	246.00

NOTE: See Alphax Shutters for synchronization data.

\*See Wollensak Shutter booklet on synchronization data for Rapax M-F Shutter.

Prices of Lenses in Shutters do not include cable releases.



### RAPTAR TELEPHOTO $f/5.6$ (Wocoted)

EQUIV. FOCUS		$f$	FILM SIZE	MOUNTING	LIST With Tax
INCH	MM				
8	202	5.6	2¼ x 3¼ 3¼ x 4¼	In No. 3 Iris Diaph. Barrel	\$104.05
"	"	"	"	In No. 2 Rapax Non-Sync	118.93
"	"	"	"	In No. 2 Rapax X-Sync	126.93
"	"	"	"	In No. 2 Rapax Full-Sync	143.95
"	"	"	"	In No. 2 Alphax Non-Sync	111.43
"	"	"	"	In No. 2 Alphax Sync	118.93
10	254	5.6	3¼ x 4¼ 4 x 5	In No. 4 Iris Diaph. Barrel	139.50
"	"	"	"	In No. 3 Rapax Non-Sync	157.90
"	"	"	"	In No. 3 Rapax X-Sync	165.40
"	"	"	"	In No. 3 Rapax Full-Sync	178.40
"	"	"	"	In No. 3 Alphax Non-Sync	150.65
"	"	"	"	In No. 3 Alphax Sync	158.40
15	380	5.6	4 x 5 5 x 7	In No. 6 Spec. Iris Diaph Bbl.	209.25
"	"	"	"	In No. 4 Alphax Non-Sync	211.32
"	"	"	"	In No. 4 Alphax Sync	221.32

NOTE: See Alphax Shutters for synchronization data.  
Prices of Lenses in Shutters do not include cable releases.

### RAPTAR WIDE ANGLE $f/6.8$ (Wocoted)

EQUIV. FOCUS		$f$	FILM SIZE	ANGLE OF VIEW	MOUNTING	LIST With Tax
INCH	MM					
2½	65	6.8	3¼ x 4¼	88½°	In No. 1 Iris Diaph. Barrel	\$60.74
"	"	"	"	"	In No. 1 Rapax Non-Sync	70.63
"	"	"	"	"	In No. 1 Rapax X-Sync	78.63
"	"	"	"	"	In No. 1 Rapax Full-Sync	91.40
"	"	"	"	"	In No. 1 Alphax Non-Sync	55.63
"	"	"	"	"	In No. 1 Alphax Sync	60.63
3½	90	6.8	4 x 5	84°	In No. 1 Iris Diaph. Barrel	63.94
"	"	"	"	"	In No. 1 Rapax Non-Sync	73.83
"	"	"	"	"	In No. 1 Rapax X-Sync	81.83
"	"	"	"	"	In No. 1 Rapax Full-Sync	94.60
"	"	"	"	"	In No. 1 Alphax Non-Sync	58.83
"	"	"	"	"	In No. 1 Alphax Sync	63.83
4¼	108	6.8	5 x 7	88°	In No. 2 Iris Diaph. Barrel	70.62
"	"	"	"	"	In No. 2 Rapax Non-Sync	85.51
"	"	"	"	"	In No. 2 Rapax X-Sync	93.51
"	"	"	"	"	In No. 2 Rapax Full-Sync	110.51
"	"	"	"	"	In No. 2 Alphax Non-Sync	78.01
"	"	"	"	"	In No. 2 Alphax Sync	85.51

NOTE: See Alphax Shutters for synchronization data.  
Prices of Lenses in Shutters do not include cable releases.



### SERIES IIIa EXTREME WIDE ANGLE $f/12.5$ (Wocoted)

EQUIV. FOCUS		$f$	FILM SIZE	ANGLE OF VIEW	MOUNTING	LIST With Tax
INCH	MM					
3½	90	12.5	4 x 5	84°	In No. 1 Iris Diaph. Barrel	\$52.90
"	"	"	"	"	In No. 1 Rapax Non-Sync	62.78
"	"	"	"	"	In No. 1 Rapax X-Sync	70.78
"	"	"	"	"	In No. 1 Rapax Full-Sync	83.53
"	"	"	"	"	In No. 1 Alphax Non-Sync	47.78
"	"	"	"	"	In No. 1 Alphax Sync	52.78
4¼	108	12.5	5 x 7	88°	In No. 2 Iris Diaph. Barrel	57.84
"	"	"	"	"	In No. 2 Rapax Non-Sync	72.72
"	"	"	"	"	In No. 2 Rapax X-Sync	80.72
"	"	"	"	"	In No. 2 Rapax Full-Sync	97.72
"	"	"	"	"	In No. 2 Alphax Non-Sync	65.22
"	"	"	"	"	In No. 2 Alphax Sync	72.72
6¼	159	12.5	8 x 10	90°	In No. 4 Iris Diaph. Barrel	75.56
"	"	"	"	"	In No. 3 Rapax Non-Sync	93.96
"	"	"	"	"	In No. 3 Rapax X-Sync	101.46
"	"	"	"	"	In No. 3 Rapax Full-Sync	114.46
"	"	"	"	"	In No. 3 Alphax Non-Sync	86.71
"	"	"	"	"	In No. 3 Alphax Sync	94.46

NOTE: See Alphax Shutters for synchronization data.  
Prices of Lenses in Shutters do not include cable releases.

### RAPTAR ENLARGING $f/4.5$ (Wocoted)

EQUIV. FOCUS		FILM SIZE	MOUNTING	LIST With Tax
INCH	MM			
2	50	1¼ x 1½	In No. 1 Iris Diaph. Barrel	\$23.00
3	75	2¼ x 2¼	In No. 1 Iris Diaph. Barrel	24.73
3½	90	2¼ x 3¼	In No. 1 Iris Diaph. Barrel	27.31
4	101	2¼ x 3¼	In No. 1 Iris Diaph. Barrel	31.63
5	127	3¼ x 4¼	In No. 2 Iris Diaph. Barrel	37.95
5½	135	4 x 5	In No. 3 Iris Diaph. Barrel	41.40
6½	162	4 x 5	In No. 4 Iris Diaph. Barrel	55.78
7½	190	5 x 7	In No. 5 Iris Diaph. Barrel	77.63
8½	210	5 x 8	In No. 6 Iris Diaph. Barrel	110.69
9½	241	6½ x 8½	In No. 6 Iris Diaph. Barrel	140.88
11½	302	8 x 10	In No. 7 Iris Diaph. Barrel	195.30

Special Adapters for fitting above 2", 3" and 3½"  
Focus Lenses to Leica Enlargers \$2.25.



## WOLLENSAK SHUTTERS

### RAPAX SHUTTERS

SIZE	MAXIMUM DIAPHRAGM OPENING		LENS MOUNT THREAD DIAMETER		SPEEDS	FLANGE DIAMETER		TYPE SHUTTER	*LIST
	INCH	MM	FRONT INCHES	REAR INCHES		INSIDE INCHES	OUTSIDE INCHES		
0	1 1/16	17.2	7/8	7/8	1/2 to 1/400 plus T & B	6 1/4	1 29/64	Rapax Non-Sync	\$20.00
1	25/32	20	31/32	1 1/32	1 to 1/400 plus T & B	1 3/16	1 11/16	Rapax Non-Sync	25.00
1	"	"	"	"	"	"	"	Rapax X-Sync	33.00
1	"	"	"	"	"	"	"	Rapax Full Sync	45.75
2	1	25.4	1 1/4	1 1/4	1 to 1/400 plus T & B	1 21/64	1 7/8	Rapax Non-Sync	30.00
2	"	"	"	"	"	"	"	Rapax X-Sync	38.00
2	"	"	"	"	"	"	"	Rapax Full Sync	55.00
3	1 13/64	31	1 35/64	1 37/64	1 to 1/200 plus T & B	1 43/64	2 19/64	Rapax Non-Sync	37.00
3	"	"	"	"	"	"	"	Rapax X-Sync	44.50
3	"	"	"	"	"	"	"	Rapax Full Sync	57.50

\*No Federal Excise Tax on Shutters only.

### ALPHAX SHUTTERS

SIZE	MAXIMUM DIA-PHRAGM OPENING		LENS MOUNT THREAD DIAMETER		FLANGE DIAMETERS		TYPE OF SHUTTER ALPHAX	SPEEDS	SYNCHRONIZED SPEEDS WITH			*LIST
	INCH	MM	FRONT INCHES	REAR INCHES	INSIDE INCHES	OUTSIDE INCHES			CLASS M	CLASS F	CLASS X	
0	35/64	14	51/64	55/64	61/64	1 29/64	Non-Sync	1/10 to 1/200	.....	.....	.....	\$10.00
0	35/64	14	51/64	55/64	61/64	1 29/64	Sync	1/10 to 1/200	1/25 and slower	All speeds	.....	13.00
1	47/64	18.7	15/16	1 1/64	1 3/16	1 11/16	Non-Sync	1/10 to 1/200	.....	.....	.....	10.00
1	47/64	18.7	15/16	1 1/64	1 3/16	1 11/16	Sync	1/10 to 1/200	1/25 and slower	All speeds	.....	15.00
2	1	25.4	1 7/32	1 7/32	1 21/64	1 55/64	†Non-Sync	1 to 1/100	.....	.....	.....	28.00
2	1	25.4	1 7/32	1 7/32	1 21/64	1 55/64	†Sync	1 to 1/100	1/50 and slower	All speeds	All speeds	32.50
3	1 3/8	34.9	1 51/64	1 51/64	2	2 21/32	†Non-Sync	1 to 1/100	.....	.....	.....	32.00
3	1 3/8	34.9	1 51/64	1 51/64	2	2 21/32	†Sync	1 to 1/100	1/50 and slower	All speeds	All speeds	38.50
4	1 11/16	42.7	2 27/64	2 27/64	2 5/8	3 1/2	†Non-Sync	**1 1/2 to 1/50	All speeds	All speeds	All speeds	37.50
4	1 11/16	42.7	2 27/64	2 27/64	2 5/8	3 1/2	†Sync	**1 1/2 to 1/50	All speeds	All speeds	All speeds	43.75
5	2 7/32	56.7	2 15/16	2 15/16	3 1/8	4 5/8	†Non-Sync	**1 1/2 to 1/50	All speeds	All speeds	All speeds	42.50
5	2 7/32	56.7	2 15/16	2 15/16	3 1/8	4 5/8	†Sync	**1 1/2 to 1/50	All speeds	All speeds	All speeds	49.50

†Available upon request with press focus lever

\*\*Available upon request with speeds including 1 second.

\*No Federal Excise Tax on Shutters only.

†All Shutters Include Time and Bulb Settings



## ACCESSORIES

### MISC. ACCESSORIES

DESCRIPTION	LIST With Tax
Diaphragm scales, per set.....	*\$1.50
Wocote Lens Cleaning Tissue (100 sheets).....	*.35
Wocote Lens Cleaner, per bottle.....	*.35
Electrical connecting cords for Synchromatic Rapax and Alphax Shutters..	*1.75
7" Cable Release .....	.98
10" Cable Release .....	1.55
18" Cable Release .....	2.88
30" Cable Release .....	4.60

\*No Tax

### LENS CAPS

INSIDE DIAM.	*LIST
1" and under	\$ .95
2" and under	1.30
3" and under	1.60
4" and under	2.15
5" and under	2.30
Over 5"	2.55

### STANDARD FLANGES

THREAD DIAM. INCHES	*LIST
$\frac{5}{8}$ to 1	\$1.00
1 $\frac{1}{8}$ to 2	1.50
2 $\frac{1}{8}$ to 2 $\frac{1}{2}$	2.00
2 $\frac{7}{8}$ to 3	2.50
3 $\frac{1}{8}$ to 3 $\frac{1}{2}$	3.00
3 $\frac{9}{16}$ to 4	3.50
4 $\frac{1}{8}$ to 4 $\frac{1}{2}$	4.00
4 $\frac{9}{16}$ to 5 $\frac{1}{2}$	5.00

Available for Wollensak Mountings only. For older Wollensak Lenses not listed in this Price List specify whether lens is in barrel or shutter, specify which shutter.

\*No Federal Excise Tax on flanges and lens caps.



# WOLLENSAK

## RETAIL PRICE LIST

Effective October 31, 1950

This supplement No. 2 supersedes Page 5 of  
WOLLENSAK RETAIL PRICE LIST No. 18A,  
Dated, October 1, 1950.

*Prices may be changed without notice, and are  
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## Enlarging Lenses

### WOLLENSAK OPTICAL COMPANY

ROCHESTER, NEW YORK, U. S. A.

#### ENLARGING LENSES

##### RAPTAR ENLARGING $f/4.5$ (Wocoted)

EQUIV. FOCUS		FILM SIZE	MOUNTING	LIST With Tax
INCH	MM			
2	50	1 1/4 x 1 1/4	In No. 1 Iris Diaph. Barrel	\$25.30
3	75	2 1/4 x 2 1/4	In No. 1 Iris Diaph. Barrel	27.60
3 1/2	90	2 1/4 x 3 1/4	In No. 1 Iris Diaph. Barrel	29.90
4	101	2 1/4 x 3 1/4	In No. 1 Iris Diaph. Barrel	35.65
5	127	3 1/4 x 4 1/4	In No. 2 Iris Diaph. Barrel	43.13
5 1/4	135	4 x 5	In No. 3 Iris Diaph. Barrel	46.00
6 1/4	162	4 x 5	In No. 4 Iris Diaph. Barrel	60.95
7 1/2	190	5 x 7	In No. 5 Iris Diaph. Barrel	83.38
8 1/4	210	5 x 8	In No. 6 Iris Diaph. Barrel	110.69
9 1/2	241	6 1/2 x 8 1/2	In No. 6 Iris Diaph. Barrel	140.88
11 1/4	302	8 x 10	In No. 7 Iris Diaph. Barrel	195.30

Special Adapters for fitting above 2", 3" and 3 1/4"  
Focus Lenses to Leica Enlargers \$3.50.