

**Motic®**

# Plan Apochromat Objectives

Extra Long Working Distance And Ultra Long Working Distance



**5 YEAR  
WARRANTY**

# Plan Apochromat Series for Metallurgical and Industrial Instruments

## ELWD Objectives

With a 95mm parfocal distance and larger objective diameter. The Infinity Corrected, strain-free Optical System provides both longer working distances and higher numerical apertures. The results of this remarkable technology are extremely sharp, high contrast images with a minimum of flare.

Objective Thread: M26 / 0.706

Parfocality Adjustable (Optional)

### ELWD OBJECTIVES



ELWD 100X ELWD 50X ELWD 20X ELWD 10X ELWD 5X ELWD 2X

## ULWD Objectives

Ultra Long Working Distance Infinity Corrected, strain-free Objectives deliver crisp, clear images even at high magnifications.

Corrected for all optical aberrations throughout the visible spectrum the entire 24mm field of view is assured of image flatness and color reproduction, plus resolving power.

Parfocality Adjustable Series (Optional) ensure outstanding optical performance.

### ELWD OBJECTIVES (Parfocality Adjustable)



ELWD 2X ELWD 5X ELWD 10X ELWD 20X ELWD 50X ELWD 100X

### ULWD OBJECTIVES



ULWD 100X ULWD 50X ULWD 50X (Parfocality Adjustable) ULWD 100X (Parfocality Adjustable)



## Unique feature only with Motic objectives

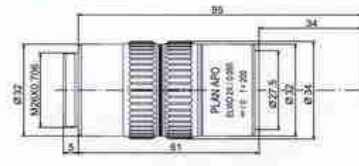
For the parfocality adjustable objectives, each objective has an adjusting ring and a locking ring so you can adjust the parfocal length perfectly and lock it everytime.

# DIMENSIONS

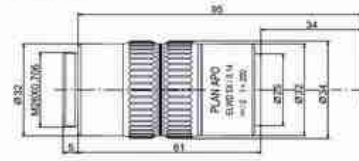
## ELWD Series

Unit : mm

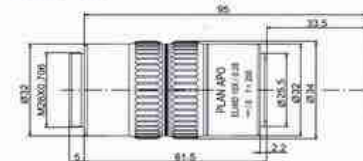
ELWD 2X



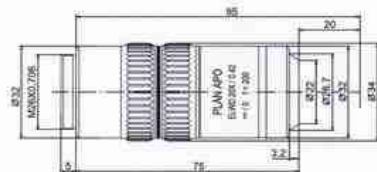
ELWD 5X



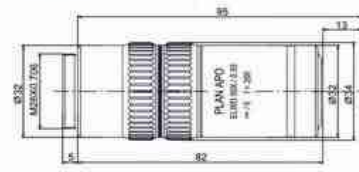
ELWD 10X



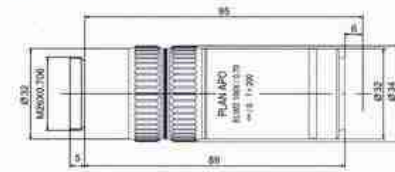
ELWD 20X



ELWD 50X

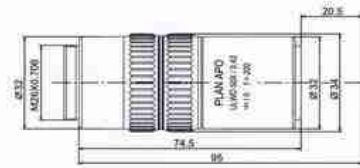


ELWD 100X

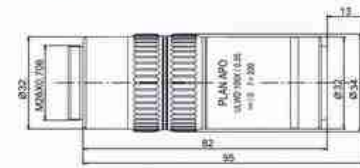


## ULWD Series

ULWD50X

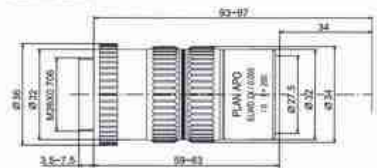


ULWD100X

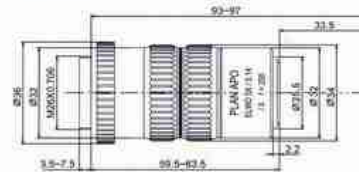


## Parfocality Adjustable Series (Optional)

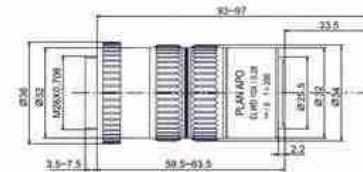
ELWD 2X



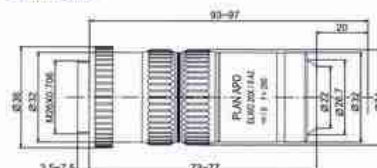
ELWD 5X



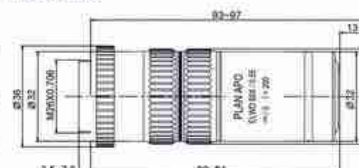
ELWD 10X



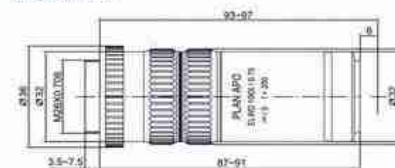
ELWD 20X



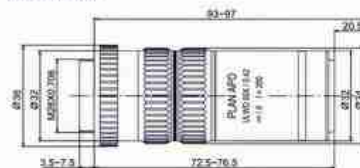
ELWD 50X



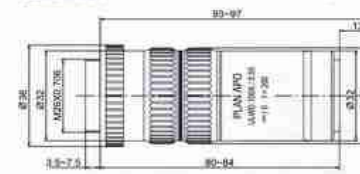
ELWD 100X



ULWD 50X



ULWD100X



## SPECIFICATION

Mag.	WD (mm)	NA.	R (um)	F.D (mm)	D.F (um)	F (mm)	F.D (VXH,mm) 1/2" CCD	Weight (g)	Order Number	Note
ELWD2X	34.0	0.055	5.0	Ø12	91.0	100	2.4 x 3.2	250	SG01S102C3	Standard
								270	SG01S102C4	Parfocality Adjustable
ELWD 5X	34.0	0.14	2.0	Ø4.8	14.0	40	0.96 x 1.28	240	SG01S162C3	Standard
								260	SG01S162C4	Parfocality Adjustable
ELWD 10X	33.5	0.28	1.0	Ø2.4	3.5	20	0.48 x 0.64	250	SG01S022C3	Standard
								270	SG01S022C4	Parfocality Adjustable
ELWD 20X	20.0	0.42	0.7	Ø1.2	1.6	10	0.24 x 0.32	300	SG01S032C3	Standard
								320	SG01S032C4	Parfocality Adjustable
ELWD 50X	13.0	0.55	0.5	Ø0.48	0.9	4	0.10 x 0.13	320	SG01S122C3	Standard
								340	SG01S122C4	Parfocality Adjustable
ELWD 100X	6.0	0.70	0.4	Ø0.24	0.6	2	0.05 x 0.06	320	SG01S062C3	Standard
								350	SG01S062C4	Parfocality Adjustable
ULWD 50X	20.5	0.42	0.7	Ø0.48	1.6	4	0.10 x 0.13	300	SG01S122C5	Standard
								320	SG01S122C7	Parfocality Adjustable
ULWD 100X	13.0	0.55	0.5	Ø0.24	0.9	2	0.05 x 0.06	340	SG01S062C5	Standard
								370	SG01S062C7	Parfocality Adjustable

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