

# DATA SHEET

Brand	Eyepiece	ReticleDia, mm	Model
<b>NIKON</b>	C-W 10x B/22 (C-W 10X A/22)	25	SMZ series
	C-W 15x /16	19	SMZ series
	C-W 20x /12.5	19	SMZ series
	C-W 30x /7	12	SMZ series
	CFI 10x CFI 12.5x CFI 15x	27	
	CFI UW 10x	27	
	CFUW10X	27	
	CFW 10x CFW 15x	21	
	CFWE 15X/12	18	YS2
	CFWN 8X CFWN 10x CFWN 15x	21	
	CFUWN 10X	27	
	CFUWN 15X	n/a	
	E1-CFI 10x E2-CFI 10x E2-CFI 15x	27	
	L-W10x ESD (FOV 22)	25	Eclipse LV150L
	SME 10x /23	27	
	SME 15x	~	
	SME 20x	16	
	SME 20x/12	15,5	
	SME 10x /21	27	SMZ-10
	SME 33x/5	10	
	SMZ U UW10x A/24	25	SMZ-U
	SMZ U UW15x	25	SMZ-U
	SMZ U UW20x	21	SMZ-U
	SMZ U UW30x	n/p	SMZ-U
	SMZ 10 E10xA	24	SMZ-10
	SMZ 10 UW15x /17	27	SMZ-10

	SMZ 10 UW20x	n/a	SMZ-10
	SMZ 10 UW20x/15	27	
	CFPL2x	19	
	CFPL 2.5x	19	
	CFPL 4x	19	
	CFPL 5x	19	
	CFWE 10x	20	
<b>OLYMPUS</b>	WHN10X / WHN10X -H	24	BX61 / BX51 / BX41 / CKX41
	WH10X / WH10X -H / WH15X	24	BX50 / BX40
	WHS10X-H / WHS15X-H	24	SZX7 / SZX9 / SZX12
	WHSZ10X-H / WHSZ15X-H	24	SZ61
	WHSZ20X-H / WHSZ30X-H	24	SZ61
	CWH10X / CWH10X-H / CWH30X	24	CX41
	WHB 10X/WHB 10X-H	20,4	CKX41 (May need reticle holder 20.4-RH from Olympus)
	GSWH10X / GSWH10X-H	24	SZ60 / SZ40 / SZ11 / SD / SF
	GSWH15X / GSWH15X-H	24	SZ60 / SZ40 / SZ11 / SD / SF
	GSWH20X / GSWH20X-H	24	
	GSWH30X / GSWH30X-H	24	
	GW10X / GWH10X	24	SZ60 / SZ40 / SZ11 / SD / SF
	WH12.5X / WH12.5X -H	24	
	GWH10X-D / GWH10X-CD	26	SZH / SZH10
	SWHK8X	28	VANOX, and other
	SWHK10X	n/a	
	G10X / G15X	22	
	WHK8X	20,4	20mm loose fitting alternative
	WHK10X / WHK15X / NWHK10X	20,4	20mm loose fitting alternative
	(*WHK10X-H cannot be installed)		

	NFK 2.5X/ 3.3X/ 5X/ 6.7X	20,4	20mm loose fitting alternative
	PE 2.5X/ 3.3X/ 4X/ 5X	20,4	20mm loose fitting alternative
	GWH15X-D / GWH15X-CD	20,4	
	G20X-H	20	
	GX-SLM Scale Slider	25,5	CK40 / CK30 / CH40 / CH30 / CH2
	Superwide Eyepiece	28,5	
	CWHK10X / NCWHK10X /G20X	19	
	NFK20X	19	
<b>LEICA</b>	11507808 (S10x/25Br.M)	26	DMR, DMIR, DML
	11507807 (S10x/22B.M)	26	DMR, DMIR, DML
	11507801 (10x/20Br.M)	26	DMR, DMIR, DML
	11507802 (10x/20Br.M)	26	DMR, DMIR, DML
	11506515 (12.5x/16Br.M)	26	DMR, DMIR, DML
	13591005 (10x/18)	21	DME
	13591010 (15x/14)	21	DME
	527001 (10x/18 Spectacles M)	19	DM-IL
	10447160 (10x/21B)	23	MX series / Z series
	10445301 (16x/14B)	23	MX series / Z series
	10445302 (25x/9.5B)	23	MX series / Z series
	10445303 (40x/6B)	23	MX series / Z series
	10450023 (10x/23B)	24,5	M205C / M165C
	10450024 (16x /15B)	24,5	M205C / M165C
	10450025 (25x/9.5B)	24,5	M205C / M165C
	10450026 (40x/6B)	24,5	M205C / M165C
	10 446 333 (10x/23,adjustable)	24,5	DM750 / S6 Series / S8APO
	13 613 532 (10x/20, focusing)	24,5	DM500 / DM750
	10 446 355 (16x/16,adjustable)	24,5	S6 Series / S8APO
	10 446 357 (20x/12,adjustable)	24,5	S6 Series / S8APO

	10 446 329 (10x/23B,adjust.f/eyeglasses)	24,5	S6 Series / S8APO
	10 447 131 (10x/23,adjustable)	24,5	S6 Series / S8APO
	10 447 133 (16x/16,adjustable)	24,5	S6 Series / S8APO / EZ Series
	10 447 135 (20x/126,adjustable)	24,5	S6 Series / S8APO / EZ Series
	10 447 137 (for eyeglasses10x/23B,adjustable)	24,5	S6 Series/S8APO
	10 447 139 (for	24,5	S6 Series/S8APO
	10 445 302 (25x/9.5B,adjust.f/eyeglasses)	24,5	S6 Series/S8APO
	10 445 303 (40x/6B,adjust.f/eyeglasses)	24,5	S6 Series/S8APO
	10 447 280 (10x/20B,adjust.f/eyeglasses)	24,5	EZ Series
	Leitz Wetzlar Periplan GF 10x/20M		Leitz code 518059
	Leitz Wetzlar Periplan GF10x/18	21	Possibly Leitz code 519750
<b>ZEISS</b>	E-PL 10x/20 Br. Foc	26	
	PL 10x/21 Br foc	26	
	PL 10x/23 Br. Foc	26	
	WF 10x/18, WF 10X/20	23	Primostar
	PL16x/16 Br. Foc	21	
	W 25x/10 foc	21	
	PI 10x/20 [#44 40 31]	21	AxioScope
	Kpl-W 10x/18 [#46 40 43-9902]	21	872e
<b>MEIJI TECNO</b>	EM series 10x	25	
	IM7000 series 10x	25	
	ML2000 series 10x	21	
	ML5000 series 10x	21	
	ML7000 series 10x	21	
	ML8000 series 10x	21	
	ML8500 series 10x	21	

	MT4000 series 10x	21	
	MT5000 series 10x	25	
	MT6000 series 10x	25	
	MT9000 series 10x	21	
	RZ series 10x	25	
	RZ series 15x	19	
	RZ series 20X	19	
	TC5000 series 10x	25	
	TM200 all series	19	
	TM400 all series	19	
<b>MOTIC</b>	100FL 10x	21	
	100FLA 10x	21	
	100FLAQ 10x	21	
	B1-211 10x	21	
	B1-220 10x	21	
	B1-223 10x	21	
	M Series 10x	23	
	S-10-P 10x	23	
	S-20-2L 10x	23	
	SL-40-PB 10x	23	
	SMZ-140 10x	23	
	SMZ-143 10x	23	
	SMZ-168 10X	25	
	ST-30-2L 10x	23	
	ST-39 10x	23	
	N-WF10x/22	25	BA 410
	N-WF10x/20	25	BA 210, BA 310
	10x	24	AE 2000

<b>LABOMED</b>	Prefix 512, 312 or 913	21	
	Prefix 912, 414, 914 or 612	26	
	Prefix 123, 125 or 127	26	
<b>OTHER BRANDS</b>			
Unitron	MEC2 // WF10X/20mm	26	Unitron MEC2 Microscope
Euromex	WF10X/18	19mm	Novex B
Optika		21	Optika B-380
	(EW10x20)	21	Optika B-383
		24	Optika B500
		26	Optika XDS-2
		24	Optika XDS-3
		24	Optika SZM
		24	Optika B-800
	(For a 22mm eyepiece )	24	Optika B-1000

## HOW TO SIZE A MICROSCOPE EYEPiece RETICLE

The easy way to find out which diameter reticle you need to fit your eyepiece would be to call the microscope manufacturer. However we have found that they don't always know so here is an explanation of how you can determine the size.

Remove the eyepiece from the microscope and look at the bottom (open) end. There should be a threaded ring or plastic insert that is used to secure the reticle in place. If your eyepiece has a threaded ring then you just need to measure the internal diameter of the eyepiece where that threaded ring is fitted (i.e. across the internal thread of the eyepiece). If the eyepiece has a plastic insert then there should be a small recess (where the reticle sits) in the top of it and you should measure the width of that. If neither of these two options is fitted then you will have to get a reticle holder from the microscope manufacturer or send the eyepiece to us and we will size and fit the reticle with a suitable securing ring.



*Example of reticle retaining ring*



*Position of reticle in Kelner type eyepiece*

The reticle actually fits at the optical plane in the eyepiece so that its image, and that of the specimen are both in focus. To check that you have located this plane it is easiest just to look through the eyepiece and insert a pencil up the open end until the point is in sharp focus - that is the position on the optical plane where the reticle is fitted. There should be a flange on the inside wall of the eyepiece to butt the reticle up against.

Pyser make the reticles in all sizes, but only list a few of them on our current web site, so diameter is no problem.