

The data

Objective		1.0× Plan 1.0× Planapo		0.5× Plan		0.63× Planapo		0.8× Plan		1.6× Planapo	
Eyepiece	Magnification changer position	Working distance									
		60 Plan 55 Planapo		135 Plan		97 Planapo		112 Plan		19 Planapo	
		Total magnification	Field diameter (mm)	Total magnification	Field diameter (mm)	Total magnification	Field diameter (mm)	Total magnification	Field diameter (mm)	Total magnification	Field diameter (mm)
10×/21B	0.8	8.0	26.3	4.0	52.5	5.1	41.2	6.4	32.8	12.8	16.4
	1.0	10.0	21.0	5.0	42.0	6.4	32.8	8.0	26.3	16.0	13.1
	1.25	12.5	16.8	6.3	33.3	8.0	26.3	10.0	21.0	20.0	10.5
	1.6	16.0	13.1	8.0	26.3	10.2	20.6	12.8	16.4	25.6	8.2
	2.0	20.0	10.5	10.0	21.0	12.8	16.4	16.0	13.1	32.0	6.6
	2.5	25.0	8.4	12.5	16.8	16.0	13.1	20.0	10.5	40.0	5.3
	3.2	32.0	6.6	16.0	13.1	20.5	10.2	25.6	8.2	51.2	4.1
	4.0	40.0	5.3	20.0	10.5	25.6	8.2	32.0	6.6	64.0	3.3
	5.0	50.0	4.2	25.0	8.4	32.0	6.6	40.0	5.3	80.0	2.6
	6.3	63.0	3.3	31.5	6.7	40.3	5.2	50.4	4.2	100.8	2.1
8.0	80.0	2.6	40.0	5.3	51.2	4.1	64.0	3.3	128.0	1.6	
10.0	100.0	2.1	50.0	4.2	64.0	3.3	80.0	2.6	160.0	1.3	
16×/14B	0.8	12.8	17.5	6.4	35.0	8.2	27.3	10.2	22.0	20.5	10.9
	1.0	16.0	14.0	8.0	28.0	10.2	22.0	12.8	17.5	25.6	8.8
	1.25	20.0	11.2	10.0	22.4	12.8	17.5	16.0	14.0	32.0	7.0
	1.6	25.6	8.8	12.8	17.5	16.4	13.7	20.5	10.9	41.0	5.5
	2.0	32.0	7.0	16.0	14.0	20.5	10.9	25.6	8.8	51.2	4.4
	2.5	40.0	5.6	20.0	11.2	25.6	8.8	32.0	7.0	64.0	3.5
	3.2	51.2	4.4	25.6	8.8	32.8	6.8	41.0	5.5	81.9	2.7
	4.0	64.0	3.5	32.0	7.0	41.0	5.5	51.2	4.4	102.4	2.2
	5.0	80.0	2.8	40.0	5.6	51.2	4.4	64.0	3.5	128.0	1.8
	6.3	100.8	2.2	50.4	4.4	64.5	3.5	80.6	2.8	161.3	1.4
8.0	128.0	1.8	64.0	3.5	81.9	2.7	102.4	2.2	204.8	1.1	
10.0	160.0	1.4	80.0	2.8	102.4	2.2	128.0	1.8	256.0	0.9	
25×/9.5B	0.8	20.0	11.9	10.0	23.8	12.8	18.6	16.0	14.8	32.0	7.4
	1.0	25.0	9.5	12.5	19.0	16.0	14.8	20.0	11.9	40.0	5.9
	1.25	31.3	7.6	15.6	15.2	20.0	11.9	25.0	9.5	50.0	4.8
	1.6	40.0	5.9	20.0	11.9	25.6	9.3	32.0	7.4	64.0	3.7
	2.0	50.0	4.8	25.0	9.5	32.0	7.4	40.0	5.9	80.0	3.0
	2.5	62.5	3.8	31.3	7.6	40.0	5.9	50.0	4.8	100.0	2.4
	3.2	80.0	3.0	40.0	5.9	51.2	4.6	64.0	3.7	128.0	1.9
	4.0	100.0	2.4	50.0	4.8	64.0	3.7	80.0	3.0	160.0	1.5
	5.0	125.0	1.9	62.5	3.8	80.0	3.0	100.0	2.4	200.0	1.2
	6.3	157.5	1.5	78.8	3.0	100.8	2.4	126.0	1.9	252.0	0.9
8.0	200.0	1.2	100.0	2.4	128.0	1.9	160.0	1.5	320.0	0.7	
10.0	250.0	1.0	125.0	1.9	160.0	1.5	200.0	1.2	400.0	0.6	
40×/6B	0.8	32.0	7.5	16.0	15.0	20.5	11.7	25.6	9.4	51.2	4.7
	1.0	40.0	6.0	20.0	12.0	25.6	9.4	32.0	7.5	64.0	3.8
	1.25	50.0	4.8	25.0	9.6	32.0	7.5	40.0	6.0	80.0	3.0
	1.6	64.0	3.8	32.0	7.5	41.0	5.9	51.2	4.7	102.4	2.3
	2.0	80.0	3.0	40.0	6.0	51.2	4.7	64.0	3.8	128.0	1.9
	2.5	100.0	2.4	50.0	4.8	64.0	3.8	80.0	3.0	160.0	1.5
	3.2	128.0	1.9	64.0	3.8	81.9	2.9	102.4	2.3	204.8	1.2
	4.0	160.0	1.5	80.0	3.0	102.4	2.3	128.0	1.9	256.0	0.9
	5.0	200.0	1.2	100.0	2.4	128.0	1.9	160.0	1.5	320.0	0.8
	6.3	252.0	1.0	126.0	1.9	161.3	1.5	201.6	1.2	403.2	0.6
8.0	320.0	0.8	160.0	1.5	204.8	1.2	256.0	0.9	512.0	0.5	
10.0	400.0	0.6	200.0	1.2	256.0	0.9	320.0	0.8	640.0	0.4	