

Specifications for MS5/MZ6

1. Technical data

Zoom factor:	6:1
Objektive:	Achromat 1.0x
Magnification:	0.63x - 4.0 x
Numerical aperture:	0.075
Field diameter:	34 mm - 5.3 mm

2. Magnification

Objective	Working distance	NA	Total magnification				Stock number
			Eyepiece 10x/21B	Eyepiece 16x/14B	Eyepiece 25x/9.5B	Eyepiece 40x/6B	
Achromat 1.0x	89 mm	0.075	6.3 - 40	10.1 - 64	15.8 - 100	25.2 - 160	411 589
Achromat 0.32x	297 mm	0.023	2.0 - 12.8	3.2 - 20.5	5.0 - 32	8.1 - 51.2	422 564
Achromat 0.5x	187 mm	0.038	3.2 - 20	5.0 - 32	7.9 - 50	12.6 - 80	422 563
Achromat 0.63x	149 mm	0.047	4.0 - 25.2	6.4 - 40.3	9.9 - 63	15.9 - 100.8	445 201
Achromat 0.8x	112 mm	0.060	5.0 - 32	8.1 - 51.2	12.6 - 80	20.2 - 128	473 832
Achromat 1.5x	49 mm	0.113	9.5 - 60	15.1 - 96	23.6 - 150	37.8 - 240	422 562
Achromat 2.0x	27 mm	0.150	12.6 - 80	20.2 - 128	31.5 - 200	50.4 - 320	422 561
Plan 1.0x	89 mm	0.075	6.3 - 40	10.1 - 64	15.8 - 100	25.2 - 160	473 836
Plan 1.6x	28 mm	0.120	10.1 - 64	16.1 - 102.4	25.2 - 160	40.3 - 256	473 837
Planapo 1.0x	98 mm	0.075	6.3 - 40	10.1 - 64	15.8 - 100	25.2 - 160	445 355
Planapo 1.6x	34 mm	0.120	10.1 - 64	16.1 - 102.4	25.2 - 160	40.3 - 256	445 356

3. Accessories

6 different binocular tubes

11 different objectives

4 different eyepieces

Drive housing with coarse or coarse/fine drive

Microscope carrier AX for axial observation

Attachment for vertical and oblique observation

Vertical illuminator