



Specs.:	MS 6x30	MS 7x50	MS 10x50	MS 12x50	MS 11x70	MS 16x70	MS 20x70
Front lens diameter:	30mm	50mm	50mm	50mm	70mm	70mm	70mm
Magnification:	6x	7x	10x	12x	11x	16x	20x
Objective construction:	Achromat	ED Apo	ED Apo	ED Apo	ED Apo	ED Apo	ED Apo
Prism system:	BAK-4	BAK-4	BAK-4	BAK-4	BAK-4	BAK-4	BAK-4
Prism type:	Porro	Porro	Porro	Porro	Porro	Porro	Porro
Coating type:	FMC	FMC	FMC	FMC	FMC	FMC	FMC
Exit pupil Ø:	5.0mm	7.1mm	5.0mm	4.1mm	6.4mm	4.4mm	3.5mm
Eye relief:	18.5mm	23mm	20mm	16mm	23mm	20mm	16mm
Twilight factor:	13.4	18.7	22.4	24.5	27.7	33.5	37.4
Luminosity:	25	51	25	17.4	40.5	19.1	12.2
Interpupillar distance:	56-74mm	56-74mm	56-74mm	56-74mm	56-74mm	56-74mm	56-74mm
Focusing:	Individual focus	Individual focus	Individual focus	Individual focus	Individual focus	Individual focus	Individual focus
F.O.V. (/1000m):	163m	131m	114m	96m	84m	72m	58m
F.O.V. (/1000yds):	489ft	393ft	342ft	288ft	252ft	216ft	174ft
Angular F.O.V.:	9.3°	7.5°	6.5°	5.5°	4.8°	4.1°	3.3°
Subjective F.O.V.:	55.8°	52.5°	65°	66°	52.8°	65.6°	66°
Diopter adjustment:	± 5	± 6	± 6	± 6	± 6	± 6	± 10
Close focus:	≥ 2.5m	≥ 5m	≥ 10m	≥ 10m	≥ 10m	≥ 40m	≥ 12m
Body material:	Magnesium	Magnesium	Magnesium	Magnesium	Magnesium	Magnesium	Magnesium
Waterproofing:	1m / 30 min.	1m / 30 min.	1m / 30 min.	1m / 30 min.	1m / 30 min.	1m / 30 min.	1m / 30 min.
Nitrogen filled:	yes	yes	yes	yes	yes	yes	yes
Body armoring:	Leather	Leather	Leather	Leather	Leather	Leather	Leather
Operating temperature:	-40°C / +70°C	-40°C / +70°C	-40°C / +70°C	-40°C / +70°C	-40°C / +70°C	-40°C / +70°C	-40°C / +70°C
Dimensions:	160x110x60mm	197x215x72mm	190x215x72mm	178x215x72mm	305x235x87mm	298x235x87mm	286x235x87mm
Weight:	560g	1.300g	1.336g	1.380g	1.923g	1.970g	2.100g



Specs.:	MS 16x80	MS 20x80	MS 20x100	MS 25x100	MS 28x110
Front lens diameter:	80mm	80mm	100mm	100mm	110mm
Magnification:	16x	20x	20x	25x	28x
Objective construction:	ED Apo	ED Apo	ED Apo	ED Apo	Achromat
Prism system:	BAK-4	BAK-4	BAK-4	BAK-4	BAK-4
Prism type:	Porro	Porro	Porro	Porro	Porro
Coating type:	FMC	FMC	FMC	FMC	FMC
Exit pupil Ø:	5.0mm	4.0mm	5.0mm	4.0mm	3.9mm
Eye relief:	20mm	16mm	20mm	16mm	15.5mm
Twilight factor:	35.8	40	44.7	50	55.5
Luminosity:	25	16	25	16	15.4
Interpupillar distance:	56-74mm	56-74mm	56-74mm	56-74mm	56-74mm
Focusing:	Individual focus	Individual focus	Individual focus	Individual focus	Individual focus
F.O.V. (/1000m):	72m	58m	58m	47m	40m
F.O.V. (/1000yds):	216ft	174ft	174ft	141ft	120ft
Angular F.O.V.:	4.1°	3.3°	3.3°	2.7°	2.14°
Subjective F.O.V.:	65.6°	66°	66°	67.5°	60°
Diopter adjustment:	± 8	± 10	± 8	± 10	± 5
Close focus:	≥ 40m	≥ 40m	≥ 40m	≥ 40m	≥ 40m
Body material:	Magnesium	Magnesium	Magnesium	Magnesium	Magnesium
Waterproofing:	0.5m / 30 min.	0.5m / 30 min.	0.5m / 30 min.	0.5m / 30 min.	0.5m / 30 min.
Nitrogen filled:	yes	yes	yes	yes	yes
Body armoring:	Leather	Leather	Leather	Leather	Leather
Operating temperature:	-40°C / +70°C	-40°C / +70°C	-40°C / +70°C	-40°C / +70°C	-40°C / +70°C
Dimensions:	312x245x98mm	300x245x98mm	380x265x120mm	368x265x120mm	530x240x130mm
Weight:	2.548g	2.500g	3.853g	3.797g	6.400g