



Sighting Devices

> Optical Sights and Observer Devices



TECHNICAL AND BALLISTIC DATA	ON 6×42	ON 8×42	ON M76B	OM M89
Magnification	6 x	8 x	4 x	2,3 x
Field of View	4°	2,8°	5°10'	5°
Resolution	≤9"	≤7"	<12"	<15"
Mass	0,45 kg	0,48 kg	0,45 kg	0,27 kg

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> Optical Sights and Observer Devices



TECHNICAL DATA	ON M80	RD 7×40	Optical Sight for RPG7
Magnification	3 x	7 x	2,6 x
Field of View	12°	8°30'	13°
Resolution		≤6"	
Mass	0,9 kg	1,33 kg ± 0,1 kg	1 kg

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> Mortar Sighting Devices



TECHNICAL DATA	NSB-3	NSB-4A	NSB-4B
Magnification		3,7 x	1,82 x
Field of View		1-50(150mils)	8°
Resolution		18"	16"
Angular Division	1/6000 (mils)	1/6000 (1/6400)(mils)	1/6000 (1/6400)(mils)
Elevation Angle Scale	0-00 to 10-00	0-00 to 10-00	0-00 to 10-00
Azimuth Angle Scale	0-00 to 60-00	0-00 to 64-00	0-00 to 60-00
Mass of Set	1,9kg ± 0,2kg	1,9kg	3,46kg

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> Periscopic Aiming Circle



PAB-2AT			PB1 & PB2		
Compas	Magnification	8x	Magnification		6x
	Field of view (in linear meas. 87m at dist. of 1000m)	0-83 or 5°	Field of view without / with periscope		6°30' / 4°30'
	Entrance/Exit pupil diameter	22 / 2.8 mm	Diameter of inlet pupil		19 mm
	Distance of exit from the last ocular lens	12.5mm	Diameter of outlet pupil		3,2 mm
	Resolving power in the centre of filed of view	≤ 6"	Distance of outlet pupil		12 mm
Periscope	Magnification	1x	Possibility of dioptric adjustment		± 6 diopters
	Field of view	5°	Periscopicity		300 m
	Resolution power in the centre of field of view	≤ 7"	Accuracy of angle measuring		0-01
	Periscopic ability	350 mm	Range of operation		
Azimuth supplement	Magnification	4x	- measuring of horizontal angle		64-00 or 60-00
	Field of view	1-55.5 or 9°20'	- measuring of vertical angle		± 3-00
	Exit pupil diameter	4mm	- measuring of range (by means of picket of 2m)		50 - 400 m

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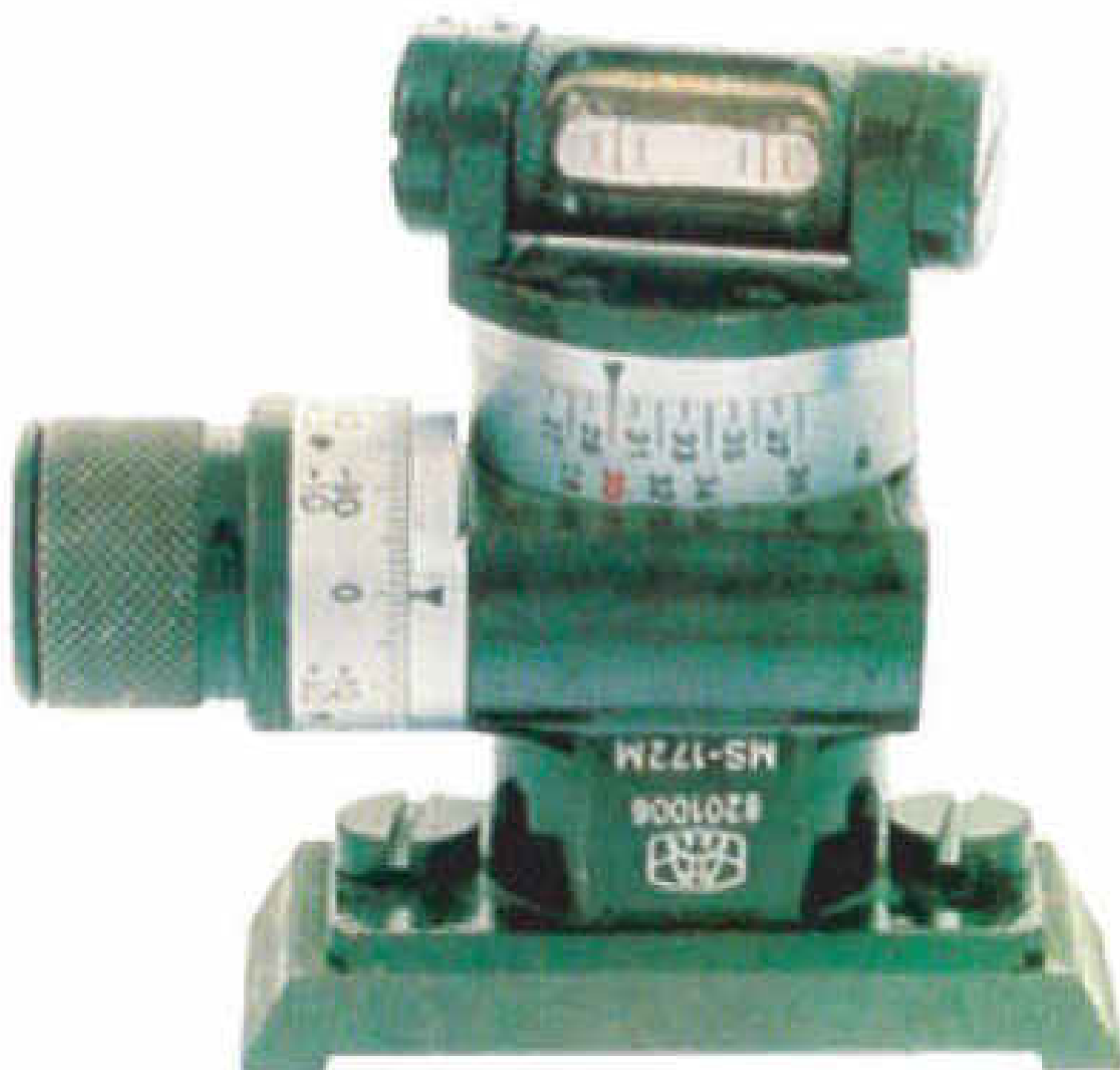
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TECHNICAL DATA	MS-M88
Elevation	-3° to 15°
Accuracy of seting elevation angles	0-01
Type of division	1/6000; 1/6400
Accuracy of position angles	±0-02
Drum Scale Range: MS-M88 (1/6000)	27-00 to 38-00
Drum Scale Range: MS-M88 (1/6400)	29-00 to 40-00
Plate Scale Range	0-00 to ±1-00
Plate Scale Range on Range Drum	1-00
Plate Scale Range on Plate	0-01
Temperature operating range	-30°C up to +55°C
Overall size	113mm x 78mm x 69mm
Mass	0,9kg ±0,1kg

> Periscopes



TECHNICAL DATA	NZ-27 GL	NZ-17
Resolution	60"	60"
Spherical power	-0.5 to + 0.25 dptr.	-0.5 to + 0.25 dptr.
Astigmatism	< 0,25 dptr.	< 0,25 dptr.
Photopic Transmission	> 36 %	> 36 %
Optical Density	> 3,40(at 694nm and 1064nm)	> 3,40(at 694nm and 1064nm)
Operation Temp	> 54°C to + 71°C/ MIL-STD-810	> 54°C to + 71°C/ MIL-STD-810
Shock	100G, 1.0 ms/ MIL-STD-810	100G, 1.0 ms/ MIL-STD-810
Satisfy req. from	MIL-DTL-62420B(AT)	MIL-DTL-62420B(AT)
Weight	6,8 kg	4,6 kg

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> Artillery Sighting Devices 105 mm



for Howitzers 105mm M56

Sighting device for Howitzer 105 mm M56 is used to manage the howitzer barrel on the target. It is also used for engaging ground targets indirect or direct way when the sighting device is independent or dipendent from the barrel.

Sighting devices for Howitzer 105 mm M56 consists of:

- Range quadrant (DSH-3)
- Panoramic telescope (P-M56A)
- Gunner's quadrant (KM-1J)
- Anti -Tank telescope (M55A1)

> Artillery Sighting Devices 122 mm



for Howitzers 122 mm D-30

Set of sighting devices for Howitzer 122 mm (NSH-122), is to be used for sighting while shooting mobile and immobile targets from howitzer 122 mm, in day-night conditions.

Sighting devices for Howitzer 122 mm D-30 consists of:

- Range quadrant (D-122-M78)
- Panoramic telescope (P-M78)
- Optical sight (ON-122-M78)
- Collimator (K-M78)
- Gunner's quadrant KM-2J
- Set for illuminating (led battery set)