

82 D MORTAR

ISO 9001:2015

PURPOSE AND FUNCTION

The 82mm Mortar WARRIOR 82D is a weapon of infantry close support, designed for annihilation of manpower and for destroying of firing points by short fire engagements.

It is particularly effective on intersected and hilly terrains, where the enemy may be hidden by a rear slope.

The Mortar can effectively open breaches in wire barriers or mine fields, demolish lighter fortifications and remove top soil covers over heavy bunkers.

The Mortar is also well suited for combat against mechanized units, by destroying their infantry. It is also suitable for making of smoke screens and for target illumination at night

WARRIOR 82 D MORTAR is intended to destroy by curved-trajectory fire the enemy force and firing assets, located in open as well as in field entrenchments.



TECHNICAL DATA

Caliber:	82 mm
Barrel Length:	1350 mm
Base plate diameter:	600 mm
Max. range of shooting:	4600 m
Max. operating pressure of gas:	650 bar
Elevation range :	45-85°
Traverse range:	
Without moving bipod:	±4°
With bipod shifted:	±360°
Fire rate:	
- with correction of fire direction:	6-10 rounds/min
- without corrections of fire direction:	20 rounds/min
Weight total:	48.00 kg

PACKING INFORMATION

Wooden case with 82mm Mortar Warrior 82D – 1pc;
 SPTA – 1set; Sighting device – 1 pc
 Wooden case dimensions: 1550/650/350 mm
 Net weight: 55 kg
 Gross weight: 95 kg

SPTA SET

Firing pin – 1pc; Retaining ring – 1pc; Spring – 1 pc;
 Leading part – 1pc; Pouch with sling for bipod - 1pc;
 Pouch with sling for base plate – 1 pce; Muzzle cover
 with sling – 1 pc; Cleaning brush for the barrel – 1 pc;
 Three part wiper arm – 1pc; Gloves – 1 pair; Bag for
 spare parts and tools and accessories – 1 pc; Bag for
 ammunitions – 1 pc; Oil can – 1 pc; Drift – 1 pc;
 Wrench 17x19 – 1 pc; Screwdriver – 1pc; Hammer –
 1pc; Wrench for buffers – 1 pc

CONTACTS

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OPTICAL-DIGITAL MORTAR SIGHT ODMS-8

DESCRIPTION:

ODMS (OPTICAL-DIGITAL MORTAR SIGHT) is designed and intended to use with 60 mm, 81 mm, 82 mm and 120 mm mortars during the aiming fire. It is also suitable for observing the battlefield.

**ADVANTAGES:**

- Embedded ballistic calculator can be factory tuned upon customer request depending of type of ammunition.
Elevation and azimuth units:
 - NATO artillery thousandths (1/6400) or Russian standart artillery thousandths (1/6000) are available
 - Elevation units can be change from artillery thousandths directly to firing distance [m], depending of chosen type ammunition.
- The device can be fast leveling according to level indicators.
- Powered by rechargeable battery ensuring continuous operation more than 8 hours. In case of batteries discharge and unavailability to charge, the device can work by artillery level KM-1 for elevation angle, mechanical reticle on the viewfinder for azimuth angle and can be leveled via embedded precise bubble
- The device can be attached to the weapon via dovetail NATO standard rail or Russian standard pin on customer request.
- Digital readout of the data allow of the device can work like M64 sight unit or MPM-44M sight upon customer request.
- The device can be integrated in Fire Control Systems.

The most advantage of the digital aiming device is easy, fast and simple operation. Customization on customer request allow using the device in different military systems. The device can be mounted on any barrel via bracket, axis, dovetail rail, picatinny rail or embedded. The ballistic calculator can provide specific ballistics upon customer request.

The Optical-Digital Mortar Sight ODMS-8 can be used in emergency mode (without batteries), directing the mortar in Azimuth using the optical viewfinder (sight) and the elevation angle through the gunner quadrant, part of the SPTA set of the Mortar



CONTACTS