

# ANTOS

## Ultralight Portable 60 mm Mortar system

### General description

The 60 mm mortar is an extremely light weapon designed for paratroops and special units. Most parts are made of aluminium alloys and plastic materials. The firing mechanism is trigger type with fixed striker. The handgrip with trigger allows easy carrying and firing in oval and flat trajectories. The liquid sight shows directly the range for both charges. Modular design enables production of various configurations.

### View of the mortar together with its components in the transport packaging

The storage package is represented by the plastic carry box (pelly case) storing one mortar and additional accessories of the mortar, carry sling, including the training bomb JUMP, individual spare, cleaning kit and 100 pcs pyrocartridge TEMPO 6. In this way it enables quick usage, reduces storage demand and logistics footprint.



### Technical data:

Calibre	60.7 mm
Weapon length	905 mm
Barrel length	650 mm
Barrel length with breech ring	790 mm
Range of aimed elevation	45 °– 85 °
Maximum range	1,230 m
Minimum range	80 m
Mortar weight	5.3 kg
Mortar weight with spare parts and accessories in storage package	22.0 kg

# 60 mm Mortar Bombs

Mortar bombs are designed for defeating light armoured targets, machine gun nets, field fortifications, infantry unit in trenches and units hidden after natural obstacles specially in mountainous and woody terrains.

The 60 mm NATO standard mortar bombs are intended for fire from the 60 mm Ultralight Commando Mortar and from the 60 mm mortar LR.

Each bomb is packed separately into the water-proof plastic case and 10 pcs in the wooden transport boxes. The ammunition is transported in the prescribed storage package or separately in the specific water resistant covers only.



### Technical data:

	HEI	HEF	JUMP	SMK	ILL-IR	ILL-V	PR-S
Weight of mortar bomb	1,420 g	1,420 g	1,290±30 g	1,420 g	1,150 g	1,150 g	1,420 g
Weight of main charge	268 g (HTX)	214 g (TNT)	–	200 g	–	–	110 g (GP)
Weight of primary propelling charge	5.0 g	5.0 g	–	5.0 g	5.0 g	5.0 g	5.0 g
Weight of augmenting charge (pair)	2x3.05±0,5g	2x3.05±0,5g	–	2x3.05±0,5g	2x3.05±0,5g	2x3.05±0,5g	2x3.05±0,5g
Length of the bomb with fuze	293 ± 2 mm	293 ± 2 mm	284 mm	294 ± 2 mm	267 mm	267 mm	286 ± 2 mm
Range (at 21 °C) – elevation 85 °	102 m	102 m	5	80 m	80 m	80 m	80 m
Range (at 21 °C) – elevation 45 °	3,098 m	3,098 m	12	1,200 m	1,200 m	1,200 m	1,200 m
Fuze type	AF-66/ AR-MDH/ DM 111	AF-66/ AR-MDH/ DM 111	–	AR-MDH	AR-MDH	AR-MDH	AR-MDH
Primer screw	Own Design						

