

60 mm MORTAL BOMBS HEF, HEI and SMK

DESCRIPTION:

Bomb body is filled with TNT explosive for the HEF bomb (standard high-explosive) or HTX explosive (EBX type enhanced blast explosive) for the HEI bomb and with the smoke composition based on the red phosphor (RP) for the SMK bomb. All these bombs are equipped with the nose PDSQ according to NATO standards, e.g. , DM 111 A5, M111 B1, MZ95A1, AR-MDH or interchangeable.

BASIC USE:

60 mm mortar bomb is intended for firing from the 60 mm ANTOS and is used against personnel and light materiel, providing both fragmentation and blast effect.

60 mm MORTAL BOMBS ILL and ILL-IR

DESCRIPTION:

Construction of the illuminating bomb is based on the other types of our mortar bombs. In order to keep the price of illuminating bomb at the same level as standard ammunition the bomb is of a completely original design without the expensive time mechanical fuze. Ejection of the illuminating flare is initiated by pyrotechnic train from the propellant charge ignition once the period determined by ballistic has elapsed. The 60 mm illuminating bombs with flares on the parachute intensity over 250 000 Cd enable illumination of an area near the base, check-surrounding area deterring in human and non-lethal way the eventual but not foe person and after that recognize movement of an enemy and ensure his elimination by live ammunition.

BASIC USE:

60 mm mortar bomb ILL (ILL-IR) is intended for firing from the 60 mm ANTOS for spotting purposes either in visible or infrared spectrum.

60 mm MORTAL BOMBS PRACT and TRAIN

DESCRIPTION:

The 60 mm practise mortar bomb Pract is intended for the mortar gunners to practise. This mortal bomb has the same ballistic characteristics as live ammunition. Bomb body is filled with signal composition and point detonating super-quick fuze 35/36-2000. Signal composition designates the impact point of the bomb in the terrain. The 60 mm mortar bomb Train is intended for the initial training of the mortar gunners, especially to practice preparation of weapon and ammunition for firing, loading, aiming and launching. Mortar bomb is reusable; the bomb is ejected from the barrel by means of TEMPO 6 cartridge; placed in the fin stabilizer.

BASIC USE:

60 mm mortar bomb PRACT and TRAIN are intended for mortar gunners training.

BASIC PARAMETER:

- Mortar bomb weight 1,4 kg;
- Explosive weight (depends on filling) 0,24 - 0,30 kg;
- Weight of smoke producing particle 0,12 kg;
- Weight of primary propelling charge 5,0 g;
- Weight of additional charge (pair) 7,0 g;
- Booster weight 0,35 g;
- Length of the bomb with fuze 286 mm;
- Range (at 21 °C) - elevation 85° 80 m;
- Range (at 21 °C) - elevation 45° 1 200 m;
- Weight of the wooden case with 10 bombs c. 21 kg;

Fuze type:

a) ball bomb...nose, contact, with quick or delay function
 PDSQ according to NATO standard, e.g. DM 111 A5, M111 B1, AR-MDH
 or MZ95 A1;

b) practice bomb...nose, contact, with super quick function
 mz 35/36-2000;
 Primer Screw P - 1.

BASIC COMPONENTS:

