107 mm M06 - Extended range
107 mm artillery rocket

Unguided extended range 107 mm artillery rocket (with designation 107 mm M06)
With UTI fuse makes a part of the 107 mm self-propelled multi-launcher rocket system and standard 107 mm rocket launchers
Unguided extended range 107 mm rocket is designed to:

• incapacitate enemy troops and equipment,
• incapacitate or destroy enemy forces at meeting places,
• incapacitate or block enemy convoys,
• prevent assaults by parachute troops and invasions from the sea
• neutralize or destroy enemy command posts and communication centers inside range area
The rocket head has the HE warhead

Technical characteristics

The main technical data:
• rocket caliber.................................................................107 mm
• rocket length with UTI M84 fuse.......................................825,0 mm
• rocket weight.................................................................17,6 kg
• UTI M84 fuse weight......................................................0,35 kg
• warhead explosive weight...............................................1,250 kg
• maximum range......................................................................11,5 km
• total motor impulse..........................................................9500 Ns
• operating temperature range...........................................-32˚C to +60˚C
• set weight (2 rockets in a wooden case)..............................49 kg
• set weight (24 rockets in a composite pod, with 24 launching barrels in a wooden case)............................650 to 700 kg
• the rocket can be transported by all transportation means

Extended range 107 mm rocket consists of a rocket motor (1), warhead (2) and fuse (3).
Rocket motor consists of:

- rocket motor chamber (1),
- nozzle assembly (2),
- rocket propellant (3)
- front base with ignition subassembly (4).

Rocket propellant is the modern thermoplastic composite propellant made according to the original technology.

Warhead consists of steel implant (1), shell body (2) explosive charge (3). Detonation cups (4) are mounted behind the fuse (5).

Shell body (2) is ogivally shaped. It is forged and made of steel. Thickness is not uniformed across the body and that allows maximum fragmentary efficiency against the target.

Packing of extended range 107 mm rocket (107mm M06) with fuse UTI M84
2 rounds in a wooden case
W/C dimension: 1081 x 360 x 203 (kg)
Case gross mass with two rounds: 49 kg

In order to prove the quality of our rockets and accentuation of their advantages we are ready to perform flight tests on your or our flight-test facilities.