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 an HE warhead

Tehnical 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 rocket in a wooden case).................................49 kg
• set weight (24 rocket in a composite pod, with 24 launching barrels in a wood box)..........................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 assambly (2),
• rocket propellant (3)
• front base with ignition subassembly (4).

Rocket oropellant is the modern thermoplastik komposite propellant made according to the original tehnology.

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 extended range 107 mm rocket (107mm M06)
with fuse UTI M84
2 rounds in 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 theirs dvantages we are ready to perform flight tests on yours or ours flight-test facilities
Unguide 107 mm artillery rocket (with designation 107mm M15)
With UTI fuse makes a part of the 107 mm self-propelled multi-launcher rocket sistem 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 an HE warhead

Technical characteristics

The main technical data:
• rocket caliber................................................................. 107 mm
• rocket length with UTI M84 fuse........................................ 840 mm
• total mass................................................................. 18.9 kg
• UTI M84 fuse weight....................................................... 0.35 kg
• warhead explosive weight.................................................. 1.25 kg
• propellant mass.............................................................. 3.50 kg
• rocket motor operating time............................................... 0.7 s
• maximum rotation......................................................... 22,000 min⁻¹
• maximum range.............................................................. 8,334 km
• total motor impulse............................................................... 6600 Ns
• operating temperature range........................................ -30°C to +50°C
• the rocket can be transported by all transportation means
• shelf life................................................................. 10 years

107 mm M15 rocket consists of a rocket motor (1), warhead (2) and fuse (3).

Main parts 107 mm M15 rockets
**The rocket motor** is consisted of chamber (1), nozzle (2), membrane (3), electric primer (4), grid (5), propellant (6), igniter (7) and connector (8).

**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.

**Fuse UTI M84**

Fuse UTI M84 SQ/delay action point detonation for extended range 107 mm rocket, safe at distances up to 12m.

**Packing 107 mm rocket (107mm M15) with fuse UTI M84P1**

- 2 rounds in wooden case
- W/C dimension: 950 x 370 x 235 (kg)
- Case gross mass with two rounds: 49.5 kg

Package-Bottom and corners are hardened