



## PTKM-1R

### Smart Munition to Defeat Tanks

The new ammunition aims exactly at the least protected part of a tank or a self-propelled gun - its roof.

The PTKM-1R is capable of selecting what armoured vehicle to hit, it chooses only those equipment that meet the specified parameters in terms of noise and ground vibration.

It is installed manually, at a distance of 5 to 50 m from the probable route of the target making it quite difficult to detect.

The PTKM-1R consists of:

- ▶ a transporter-launcher;
- ▶ a combat element.

The transporter-launcher is equipped with acoustic and seismic sensors, the combat element is equipped with infrared and radar sensors.

When the target comes within 50 m radius from the mine, the seismic sensor commands to launch the combat element. The combat element follows a ballistic trajectory and its sensors - thermal and radar - scan the earth's surface. When the sensors detect the target the warhead is detonated and strikes the target from above.

Main characteristics:

- Height of the mine, mm: 510
- Diameter of the combat element, mm: 220
- Weight of the mine, kg: 19.9
- Weight of explosives, kg: 2.8
- Armour penetration, at least, mm: 70
- Self-destruction time, days: 1 to 10







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