

# M919 APFSDS-T

## 25MM LONG ROD PENETRATOR



The 25mm M919 Armor-Piercing, Fin Stabilized, Discarding Sabot-Tracer (APFSDS-T) cartridge was developed and type-classified by General Dynamics Ordnance and Tactical Systems. The M919 is currently in series production and represents the only U.S. produced medium caliber long rod armor piercing round of ammunition.

- Assures platform survivability well into the next century
- M919 is the primary gun armor defeat mechanism for the Bradley Fighting Vehicle
- Fully interoperable on all platforms using the 25mm X 137 systems such as the M242 and Oerlikon KBA-B02 cannons
- Provides significant increase in penetration and range over existing APDS type ammunition
- Advanced propellant system assures superior muzzle velocity and lower pressures

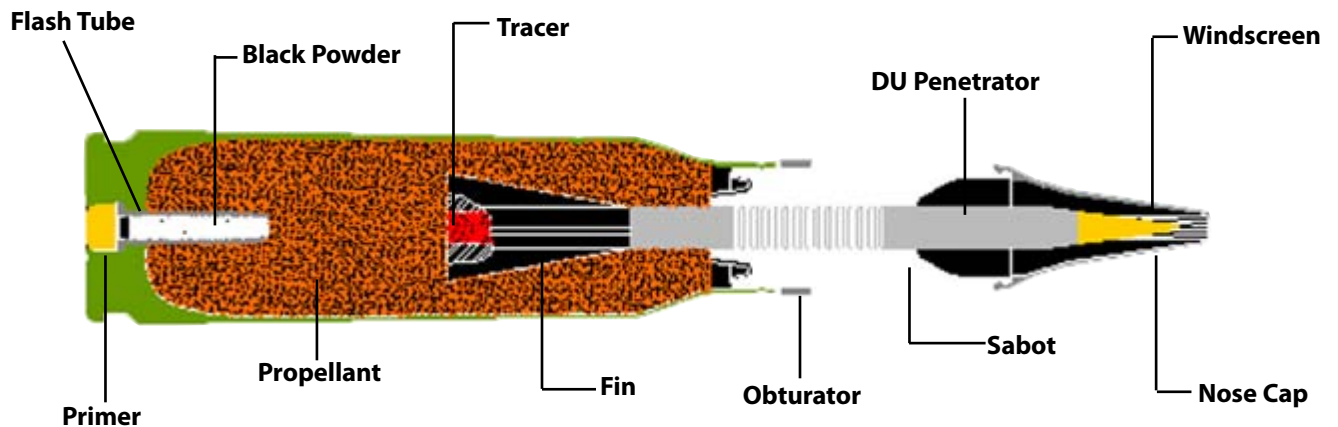
Stand off armor defeat, reliability and first round hit probability... General Dynamics Ordnance and Tactical Systems, with over 100 years of ammunition development and production experience, will assure on schedule delivery of a quality product.



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Ordnance and Tactical Systems

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# 25MM M919 APFSDS-T



Designed to counter the growth in threat targets, the M919 replaces the standard Bushmaster M791 APDS-T cartridge. The M919 is a depleted uranium long rod penetrator (also available with advanced tungsten penetrator) that offers:

- Higher muzzle velocity
- Significant increase in armor penetration
- Improved standoff range
- Trace visibility superior to the current M791
- Higher kill rate (more kills per stowed load)

These features greatly enhance the Bradley Fighting Vehicle's survivability.

## TECHNICAL DATA

Cartridge Weight:	454 gm
Primed Case:	224 gm
Projectile:	132 gm
Subprojectile:	98 gm
Propellant:	98 gm
Cartridge Length:	223 mm
Projectile Muzzle Velocity:	1390 m/sec
Chamber Pressure (P + 3SD) at 21°C:	<496 MP/a

General Dynamics Ordnance and Tactical Systems is the oldest and largest manufacturer of conventional ammunition in the United States and a leader in Kinetic Energy ammunition technology. Our experience in Kinetic Energy ammunition technology spans small caliber applications up to and including the U.S. Army's sole source developer of the M829A2 120mm tank ammunition for future armor threats. The M919 received U.S. Army Operational Material Release in 1996.

For over a century, our customers have been receiving more than a product. General Dynamics Ordnance and Tactical Systems provides quality, service, reliability, performance and technology development.

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