



25MM x 137 TUNGSTEN

Armor Piercing Fin
Stabilized Discarding
Sabot-Tracer

MUNITIONS

MEDIUM CALIBER

The General Dynamics Ordnance and Tactical Systems 25mm x 137 Tungsten Armor Piercing Fin Stabilized Discarding Sabot-Tracer (APFSDS-T) provides superior defeat capability over the M791 APDS-T round for the Bradley Fighting Vehicle. The long rod tungsten penetrator, of this highly effective anti-armor round, has excellent penetration characteristics with minimal dispersion. It is capable of defeating a wide array of target sets, including most modern armored infantry vehicles and armored personnel carriers.

- » Fully compatible with all platforms using the M242 and KBA-B02 25mm x 137 gun system
- » Cost-effective, utilizing common ammunition components of volume-produced 25mm Bushmaster ammunition
- » Significant standoff armor defeat capability, high reliability and high first round hit probability

- » Significantly improved range and penetration over existing conventional APDS ammunition

Designed to counter the growth in threat targets, the 25mm Tungsten APFSDS-T cartridge offers a replacement to the standard Bushmaster M791 APDS-T cartridge. The 25mm Tungsten APFSDS-T cartridge is a long rod penetrator that offers:

- » Higher muzzle velocity
- » Significant increase in armor penetration
- » Improved standoff range
- » Barrel wear equivalent to other fielded U.S. Army 25mm ammunition
- » Increased gun system life and reduced replacement costs
- » Improved accuracy and lethality at long range

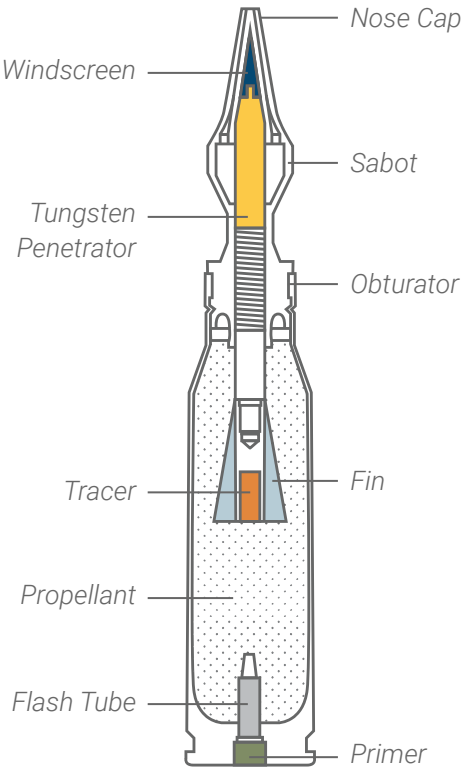
25MM x 137 TUNGSTEN
APFSDS-T



These features greatly enhance
light armored vehicles and armored
fighting vehicles utilizing 25mm x 137
gun systems.

TECHNICAL DATA

Cartridge Weight	457gm
Primed Case	224gm
Projectile	134gm
Subprojectile	98gm
Propellant	99gm
Cartridge Length	223mm
Projectile Muzzle Velocity	1,390m/sec
Chamber Pressure (P + 3SD) at 21°C	<454MP/a



Trajectory Match to 25mm APFSDS-T

Maximum Range Meter/ Elevation (degrees/mils)	Tracer Visibility Range Meters	Dispersion X mils by Y mils maximum	Range Meters	Delta Drop mils
17,289/(45.52°/809.17mils)	2,000	.44 x .44	N/A	N/A