

30MM X 173 APFSDS-T

M928

MISSION

This ammunition is intended for use against armored targets and can defeat multi plate spaced armour using the kinetic energy of its long rod tungsten alloy penetrator. It has been specially designed for use in the 30x173mm cannon Bushmaster II MK44 gun & GI-30 gun, as fitted on LAVs vehicles.



DESCRIPTION

This cartridge is an Armour Piercing Fin Stabilized Discarding Sabot with Tracer (APFSDS-T) type. It consists of a subcaliber fin stabilized tungsten alloy projectile launched by means of a lightweight sabot. Penetration at any given range, and conversely range

for any given penetration, is greatly enhanced compared to older generation of APDS or AP projectiles. The round is STANAG 4624 compliant.

STATUS

In service.

TECHNICAL CHARACTERISTICS

Type	Fixed round, APFSDS-T
Caliber	30mm
Round mass (nominal)	530g
Round length	290mm
Projectile mass (nominal)	220g
Penetrator	Tungsten Alloy Cobalt Free
Tracer	2.1s
Cartridge case	Aluminium
Primer	Percussion cap
Propellant ECL (nominal)	163g
Muzzle velocity at 21° (nominal)	1.430m/s
Penetration at 2,000m	>50mm RHA steel at 60° obliquity
Dispersion	<0.44mil
Operational temperature	-32°C to +62°C
Tracer duration (+21°C)	≥3.4s
Box	Metallic box M548