



# APFSDS-T 30 MM x 173 AMMUNITION/PMC287

## ARMOUR PIERCING FIN STABILISED DISCARDING SABOT WITH TRACER

- This new generation of armour piercing sub-calibre ammunition is designed to defeat both monobloc and spaced armour targets found on the battlefield of today and for the foreseeable future.
- Based on the well proven Rheinmetall sub-calibre technology, employing an in-situ plastic moulded sabot with integral driving band, it suffers none of the problems associated with the traditional slipping rotating band design with respect to the influence of adverse barrel wear and atmospheric conditions.
- As the projectile is launched at full spin, sabot discard is essentially instantaneous after muzzle exit with minimum penetrator perturbation, resulting in excellent ammunition accuracy.
- The ability of the ultra low drag tungsten alloy long rod penetrator to defeat RHA and HHA armours, even at very low angles of obliquity at extended ranges, makes APFSDS-T the essential choice for vehicle armament.
- APFSDS-T ammunition can be deployed together with FAPDS-T (Frangible) ammunition to provide IFVs with a potent self defence capability against both ground-to-ground and air-to-ground attack.
- Ballistically matched sub-calibre training ammunition is available to ensure realistic troop training.

### MAIN FEATURES

Performance	Short time of flight Defeats armour at low impact angles at extended ranges
Firing mode	Single shot and automatic mode
Safety	Insensitive munition (no HE)
Environment	No toxic elements (no DU)
Transport/Storage	UN Classification 1.2C
Gun/System	MK44 BushmasterII

### TECHNICAL DATA

Total length of round	290 mm
Mass of round	approx. 725 g
Mass of projectile	235 g
Propellant	EI type
Muzzle velocity	1,405 m/s
Cartridge case	Steel
Temperature range (functional)	-30°C to +50°C
Dispersion	≤0.5 mil
Penetration 1,000 m	53 mm/60° NATO

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