



106 mm (HEAT, HEAP)



GENERAL SPECIFICATIONS (HEAT M344A1)

This product is provided in two types as HEAT and HEAP. The HEAT type is applied against tanks and armour vehicles. It is fired with Recoilless Rifles M40 or M40A1. The base of the projectile of the HEAT type contains the PIBD M509A1 fuze and the fin assembly. The cartridge case has a steel perforated body and contains the propellant charge fitted with a percussion primer at the base.

General Specifications (RR - HEAP)

This product is provided in two types as HEAT and HEAP. The HEAP type is applied against enemy's personnel. It is fired with Recoilless Rifles M40 or M40A1. The base of the projectile contains the PD M121A fuze and the fin assembly. The cartridge case has a steel perforated body and contains the propellant charge and fitted with a percussion primer at the base.



AMMUNITION

TECHNICAL SPECIFICATIONS

Type	HEAT	HEAP
Total length, fused (mm)	998	922
Total weight, fused (kg)	About 17	About 17
Filling material (gr)	1200 Comp.B	About 590 A4
Cartridge case length (mm)	610	610
Propellant charge (kg)	M26 double base seven perforated 3.8	M26 double base seven perforated 3.6
Cartridge case weight (kg)	About 5.8 (w/o charges) About 9 (with charges)	About 5.8 (w/o charges) About 9 (with charges)
Fuze	PIBD M509A1 or M509A2	PDM 121A
Primer	M57	M57
Muzzle velocity (m/s)	503	485
Max. range (m)	-	About 6,000
Max. effective range (m)	1350	-
Max. chamber pressure (bar)	874	874
Penetration	152mm RHA plate at 60°	-
Armament	M40 or M40A1 Recoilless Rifle	M40 or M40A1 Recoilless Rifle

PACKING DATA

Type	HEAT , HEAP
Quantity per Box	2 rds
Box Weight	52 kg
Box Dim.	1114 x 346 x 221 mm
Box P/Pallet	15
Pallet Weight	795 kg
Pallet Dimensions	1120 × 1050 × 1180 mm