



105 mm (HEAT ,HE)



GENERAL SPECIFICATIONS (HEAT M456A1)

This is fixed round high explosive anti-tank ammunition intended to be used against armored targets. The ammunition consists of a steel body projectile and a brass case containing the propellant charge. The body contains a funnel shaped copper liner, a PIBD fuze at the bottom, a nose cap retaining piezoelectric element and is loaded with composition B. When the projectile is detonated on impact by fuze functioning, the cone collapses, creating a high velocity shock wave and a jet of metal particles which penetrates the target.

GENERAL SPECIFICATIONS (HE-TK-M60)

The product is high explosive ammunition with the projectile secured to the brass cartridge case and is fired with M60 series tank guns. Having a muzzle velocity of 864 m/s the projectile reaches a max range of 17,000 m in the field being effective against enemy's personnel and materials by producing both fragmentation and blast.



AMMUNITION

TECHNICAL SPECIFICATIONS

Type	High Explosive	High Explosive Anti-tank, M456A1
Total length, fuzed (mm)	1040	999
Total weight, fuzed (kg)	27	22
Filling material (kg)	1.65 TNT	1.1 Composition B
Propellant charge	Triple base M26 powder - 4 bags of 1 kg/ea	M30 - 5 kg
Cartridge case length (mm)	617	-
Cartridge case weight (gr)	-	w/o charges 6300 with charges 11300
Fuze	PDM 557 or PDM 572	PIBD M509A1
Primer	Electric M63	Electric M83 / Percussion
Muzzle velocity (m/s)	864	1174
Max. range (m)	17000	8200
Max. chamber pressure (bar)	3450	5100
Penetration	-	356 mm RHA Plate at 90°
Armament	M60A1 Tank Gun	Tank M60A1 Gun 105 mm

PACKING DATA

Type	High Explosive	High Explosive Anti-tank, M456A1
Quantity per Box (rds)	2	2
Box Weight (kg)	76	78
Box Dimensions (mm)	1200 x 380 x 220	1120 x 375 x 240
Box per pallet	12	15
Pallet Weight (kg)	925	925
Pallet Dimensions (mm)	1200 x 1140 x 960	1150 x 1105 x 1350