

M865 TPCSDS-T

120MM KE PRACTICE CARTRIDGE



The M865 Kinetic Energy (KE) training round, in service with the United States Army's main battle tank fleet, utilizes a unique cone stabilizer to limit the safety fan required for tank gunnery. With its matched exterior ballistics, the M865 provides a realistic training device displaying the accuracy and time-of-flight of the service round. The cone stabilizer provides a safety feature limiting the overall flight range to under 8 km, thus reducing the requirement for extreme range safety fans.

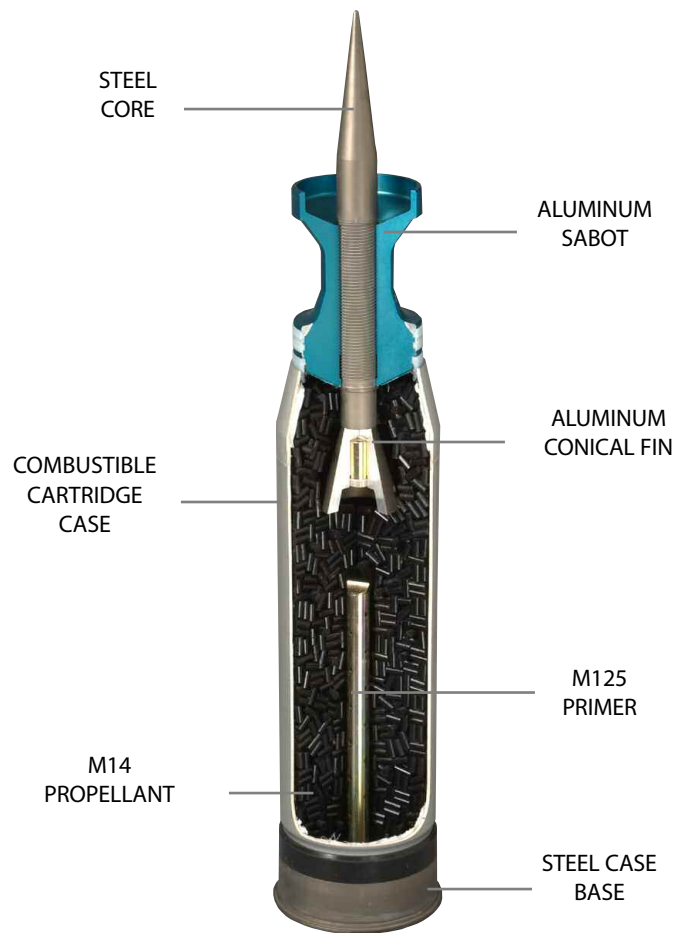
Utilizing the same combustible cartridge case as the service round, and designed to resemble the M829 series Armor-Piercing, Fin-Stabilized, Discarding-Sabot Tracer (APFSDS-T) in operational performance, the M865 represents a valuable KE training surrogate for the 120mm smoothbore weapon system.



GENERAL DYNAMICS

Ordnance and Tactical Systems

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TRAINING M865

CARTRIDGE DATA

LENGTH	881 mm (34.7")
WEIGHT.....	17.2 kg (38 lb.)
PROPELLANT TYPE.....	M14 Granular
PROPELLANT WEIGHT.....	7.3 kg (16.1 lb.)
CHAMBER PRESSURE.....	5000 bar (72.5 k psi)

PROJECTILE DATA

TYPE.....	TPCSDS-T
LENGTH	469.6 mm (18.5")
WEIGHT.....	2.75 kg (6.06 lb.)
MUZZLE VELOCITY	1700 m/s (5578 ft/sec)
RANGE.....	2500 m

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