



# 120MM M865 TPCSDS-T

Target Practice, Cone Stabilized, Discarding Sabot-Tracer



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, reducing the requirement for extreme range safety fans.



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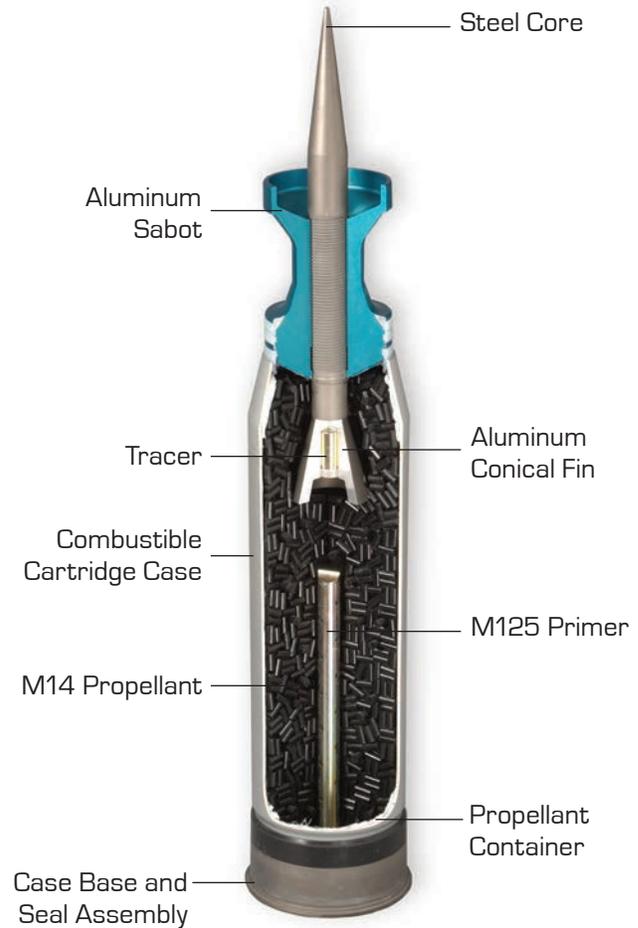
Utilizing the same combustible cartridge case as the service round, and designed to resemble the M829 series Armor-Piercing, Fin-Stabilized, Discarding-Sabot Tracer (APFSDS-T) in operational performance, the M865 represents a valuable KE training surrogate for the 120mm smoothbore weapon system.

## 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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