

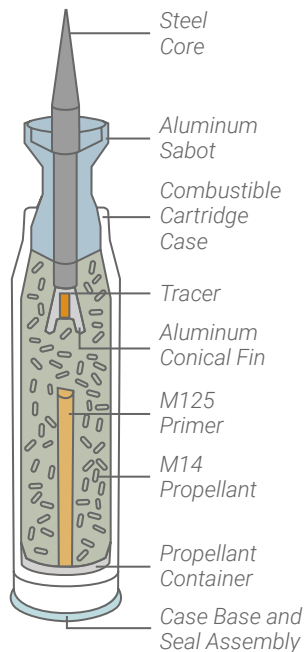
# 120MM M865

Target Practice  
Cone Stabilized  
Discarding  
Sabot-Tracer  
(TPCSDS-T)



MUNITIONS

LARGE CALIBER



## OVERVIEW

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 8km, 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.

## CARTRIDGE DATA

Length	881mm (34.7")
Weight	17.2kg (38lb)
Propellant Type	M14 Granular
Propellant Weight	7.3kg (16.1lb)
Chamber Pressure	5000 bar (72.5k psi)

## PROJECTILE DATA

Type	TPCSDS-T
Length	469.6mm (18.5")
Weight	2.75kg (6.06lb)
Muzzle Velocity	1700m/s (5578ft/sec)
Range	2500m

[www.gd-ots.com](http://www.gd-ots.com)

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