

M831A1 TP-T

120MM HEAT PRACTICE CARTRIDGE



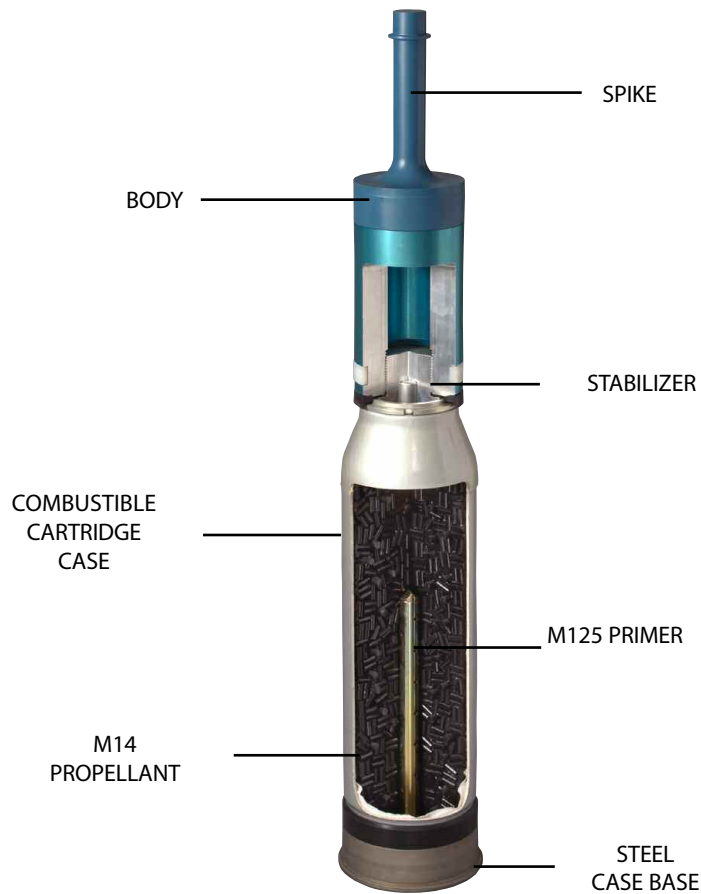
The M831A1 Target Practice Tracer (TP-T) is a full-bore 120mm combustible cartridge case, multipurpose training projectile currently in service on the United States Army M1A2 Abrams tank. This inert ammunition's external appearance is an exact replica of the M830 High-Explosive Anti-Tank (HEAT) multipurpose round and serves as a cost effective training device for tank gunnery. Matched exterior ballistics, combined with time-of-flight parameters, enable realistic training without the safety and cost limitations created by using high-explosive multi-purpose ammunition.



GENERAL DYNAMICS

Ordnance and Tactical Systems

11399 16th Court North, Suite 200, St. Petersburg, FL 33716 Phone: (727) 578-8100



TRAINING M831A1

CARTRIDGE DATA

LENGTH981 mm (38.3")
WEIGHT240 kg (52.8 lb.)
PROPELLANT TYPEM14 Granular
PROPELLANT WEIGHT6.9 kg (15.2 lb.)
CHAMBER PRESSURE4275 bar (62,000 psi)

PROJECTILE DATA

TYPETP-T
LENGTH522 mm (20.6")
WEIGHT12.0 kg (26.4 lb.)
MUZZLE VELOCITY1140 m/s (3740 ft/sec)
EFFECTIVE TRAINING RANGE2000 m

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