

105MM TK HE

M1010

MISSION

For use with 105mm US M68, UK L7, CN105F1 and other STANAG 4458 compliant tank guns, to provide blast and fragmentation effect against equipment, structures and personnel.

DESCRIPTION

The steel bodied projectile, loaded with a 2.0kg high explosive charge, is fitted with a gilding metal driving band and a point detonating impact fuze. The projectile is assembled to a brass or steel cartridge case, which is fitted with an electric primer and loaded with a cool burning, single base, multi-perforated propellant. The fuze has two independent in-bore safeties and complies with MILSTD-1316. Please note that a new round is under development for the CMI CT-CV turret.



STATUS

Under development.

TECHNICAL CHARACTERISTICS

Type	Fixed round HE
Caliber	105mm
Round mass (nominal)	23kg
Round length	998mm
Projectile mass (nominal)	12.1kg
Projectile (Explosive content)	2.0kg
Fuze	PD
Cartridge case	Brass
Primer	Electric cap M83
Propellant SB (nominal)	3.0kg
Muzzle velocity (at 21°C) (nominal)	700m/s
Maximum range (42°C elevation)	12,930m
Operational temperature	-32°C to +52°C
2 rounds per twin container, 12 containers per pallet	
UN Classification	1.1 E UN 0006