

120MM MORTAR SMK (MULTI-SPECTRAL)

M532B1

MISSION

The 120mm SMK Multi-Spectral bomb is designed for use in 120mm smooth bore COBRA mortars. This round is used to produce instantaneous smoke for spotting, signaling or screening purposes.

DESCRIPTION

The bomb consists of a two-piece projectile. The projectile houses the smoke canister. The bomb is fitted with a time fuze. The standard propelling charge set consists of a primary cartridge and 9 charge increments. The round has a range in excess of 8.5km.

STATUS

In service.



TECHNICAL CHARACTERISTICS

Type	SMK
Caliber	120mm
Round mass (nominal)	15.2kg
Round length	780mm
Projectile filling (Comp. B)	2.1kg
Fuze	TSQ
Primary ignition cartridge	M547
Increment charge 1 to 6	M548
Increment charge 6 to 9	M549
Maximum chamber pressure (at 21°C)	160MPa
Muzzle velocity	428m/s
Range	8.5km
Operational temperature	-46°C to +62°C
2 rounds per twin container, 15 containers per pallet Alternative packaging available on request	
UN Classification	1.2 C UN 0328