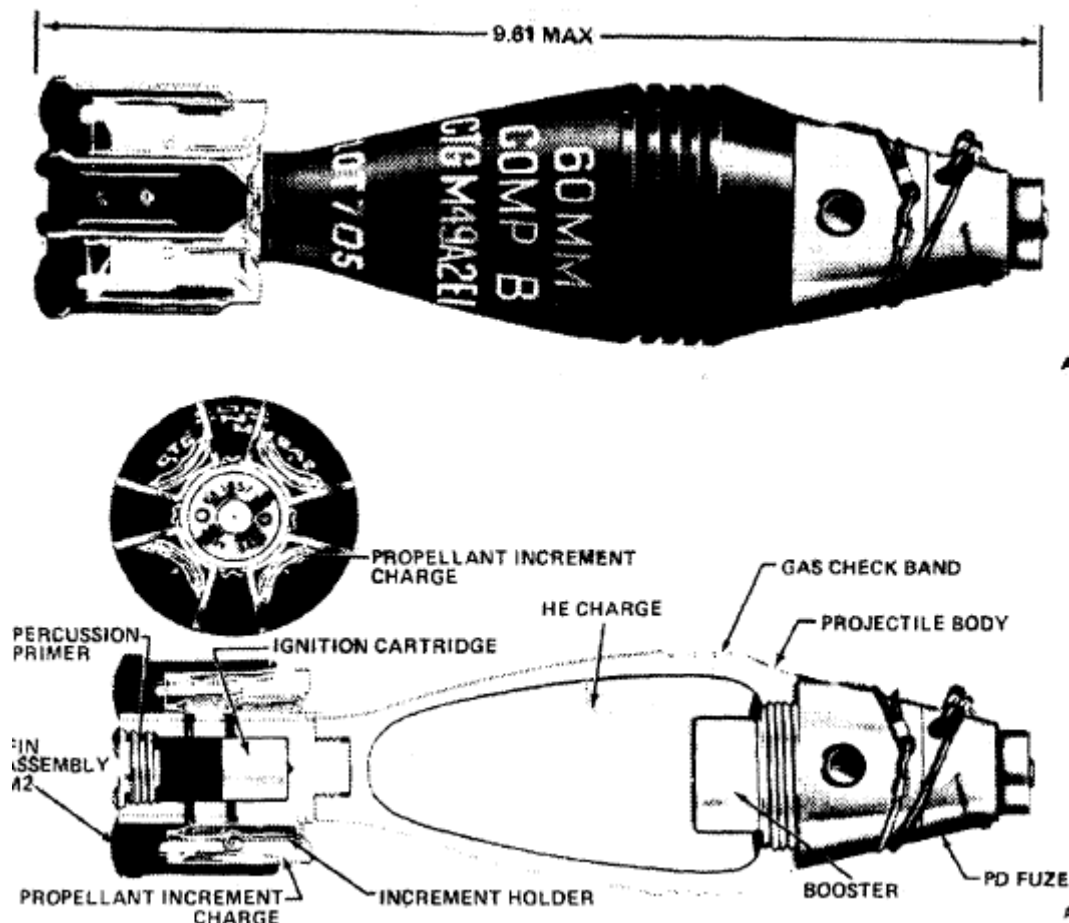


Ordnance Technical Data Sheet

Cartridge, 60 MILIMETER: HE M49A3 (M49A2E1) AND M49A2



Nomenclature:	Cartridge, 60 Millimeter: HE, M49A3 (M49A2E1) and M49A2
Ordnance Family:	Mortar
DODIC:	B632
Filler:	Comp B –M49A3, TNT –M49A2
Body:	M49A2-Forged Steel, M49A3-Cast PMI
Filler weight:	Comp B-0.42 lb, TNT-0.34 lb
Item Weight:	3.07 lb
Diameter:	60 mm
Length:	9.61 inch
Color:	Olive Drab, or OD w/yellow markings
Fuze:	PD-M525 series, M717

Usage: This cartridge is fired in 60mm mortars M2 or M19 for use against personnel and material, providing both fragmentation and blast effect.

Description: The complete round consists of a projectile body a point-detonating fuze (staked), a fin assembly, four increments of propellant charge, an ignition cartridge, and a percussion primer. The projectile body is of pearlitic malleable iron (PMI), and is threaded internally at the nose to accept the fuze and at the base to accept the fin assembly. The body is filled with composition B high explosive.

Reference: TM 43-0001-28