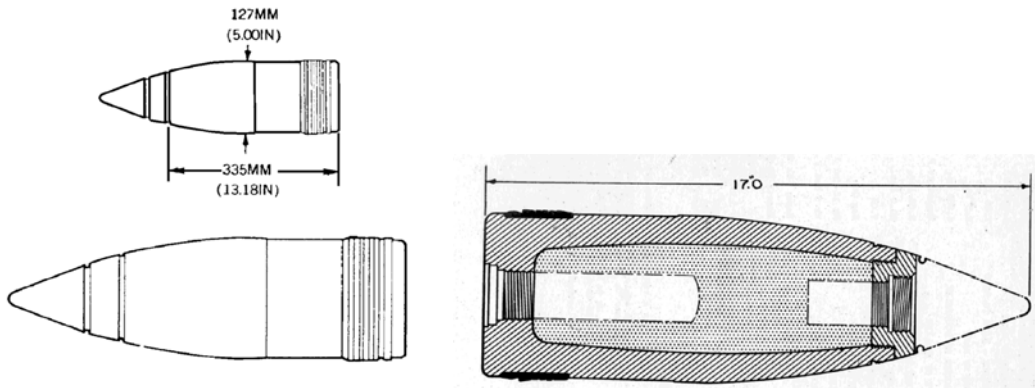


Ordnance Technical Data Sheet

5" Projectile, Mk 39 Mods 1 & 2



Nomenclature: U.S. PROJECTILE, 5-IN, HC, MK 39 MODS 1 & 2
Ordnance Family: Projectiles
DODIC:
Filler: Explosive D
Filler weight: 1.66 kg (3.66 lbs)
Item weight: 22.68 kg (50.00 lbs)
Diameter: 126.62 mm (4.98 in)
Length: 335 mm (13.18 in)
Maximum Range: Not provided
Fuze: Various (see below)

Usage: The 5-inch High Capacity (HC) Mk 39 Mods 1 & 2 are used in 5"/51 Bag or Case gun. The over-all length of this projectile is 17.0 inches; without the nose fuze, it is 13.18 inches long. The diameters of the base and at the bourrelet are both 4.985 inches. The distance from the base to the band is 1.15 inches and the width of the band is 2.0 inches. Only a very few 5"/51 guns were in service in the fleet. When employed in the 5"/51 case gun, Cartridge Case Mk 3 and Primer Mk 13 and all Mods are used. The Auxiliary Detonating Fuze Mk 54 replaced the Mk 17 and Mk 46 in all assemblies.

Description: These projectiles over-all color is green and it comes in the following sizes; 3", 4", 5", 6", 8", 12", 14", and 16".

Reference: ORDATA II