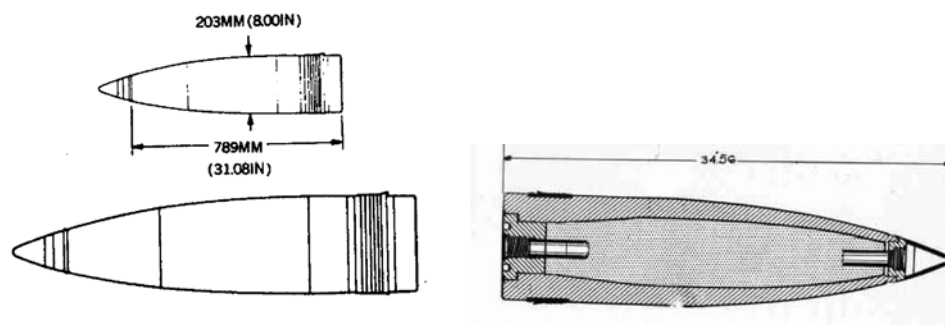


Ordnance Technical Data Sheet

8" Projectile, High Explosive



Nomenclature: U.S. PROJECTILE, 8-IN, HC, MK 24 MODS 1-5
Ordnance Family: Projectiles
DODIC:
Filler: Explosive D
Filler weight: 9.68 kg (21.34 lbs)
Item weight: 117.94 kg (260.01 lbs)
Diameter: 203 mm (7.99 in)
Length: 789.43 mm (31.08 in)
Maximum Range: Not provided
Fuze: Point Detonating/Base Detonating

Usage: This is a Navy gun fired projectile. The figure shows appearance and dimensions of the projectile. HC projectiles are HE projectiles which usually have BD fuzes and PD nose fuzes, and are used against surface targets.

Description: AAC projectiles are essentially HC projectiles with MT nose fuzes and are used against either aircraft or surface targets. AA projectiles are essentially AAC projectiles without base fuzes used strictly against aircraft. In many cases, the same projectile body is used for many of the different specific types by being assembled with different types or combinations of types of fuzes. For example, the Mk 41 5-inch 54-caliber projectile body is assembled as an AAC, HC, HE-CVT, HE-IR, HE-PD, HE-VT-NSD, and HE-VT-SD projectile. The over-all color of the HC round is green. The projectile is made of steel.

Reference: ORDATA II