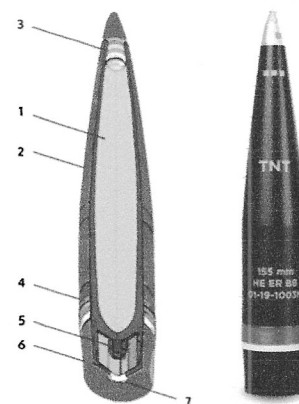


155 MM HE ER-BB

SPECIFICATION INFORMATION

High Explosive Extended Range projectile with Base Bleed) has the same shell body with explosive charge and the same fuze as HE ER-HB projectile. The HE ER-BB projectile uses the discharge gas generator (Base Bleed), which ensures extended range up to 37,000 meters, when fired from 45 caliber gun and up to 40,000 meters when fired from 52 caliber gun.

1. Shell Body
2. Explosive charge
3. Fuze
4. Driving band
5. BB body
6. BB igniter
7. BB grain

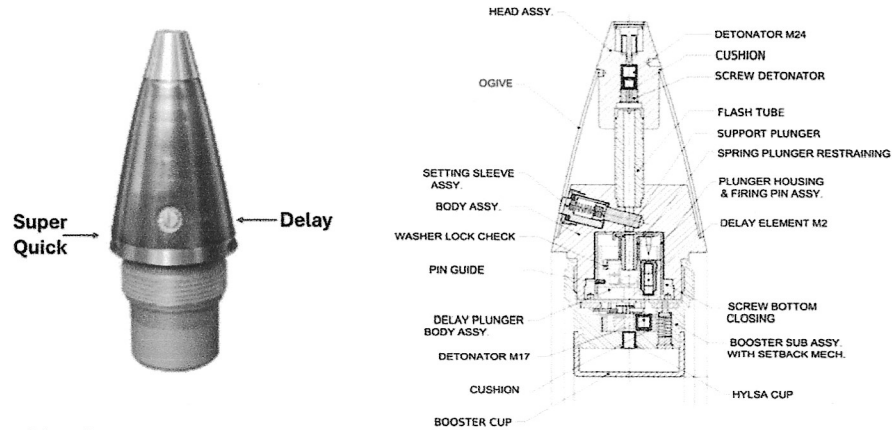


Parameter	HE ER-BB
Caliber (mm)	155
Projectile Weight (kg)	47
Projectile Length without Fuze (mm)	841
Explosive Charge (kg)	9.9
Explosive Type	TNT or TNT/RDX

Parameter	Unit	Specification
Number of Projectiles on Pallet	pcs	8
Dimensions of Pallet (mm)	mm	360 x 765 x 964
Weight of Pallet Unit (kg)	kg	395
Packing Code	UN	4C1/Y65/S/year of production SK/1003M/ID number of certif. Authority
Hazard Class	ADR	1.1 D

Fuze PDM 557

Fuze
PD
M557
is

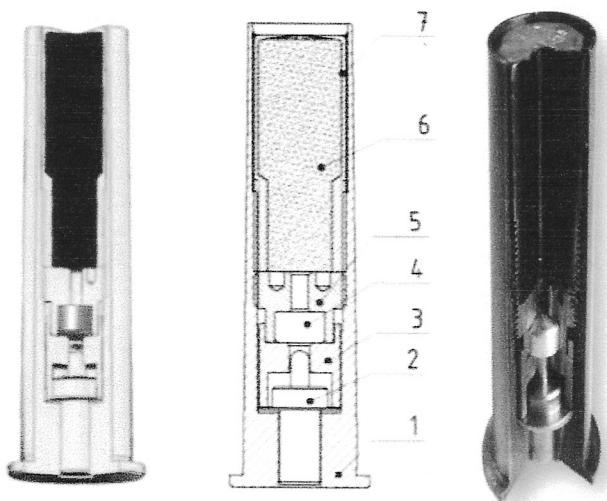


designed for ammunition from 75mm to 155mm guns and 75mm to 8-inch howitzers and mortars. It consists of an M48A3 fuze assembled with an M125A1 booster. Upon firing, centrifugal force arms the fuze rotor and delay plunger. On impact, the firing pin initiates the M24 detonator, which flashes through to the M17 detonator and explosive train, detonating the projectile. The fuze can provide either super-quick or 0.05 second delay functioning depending on the setting.

Type	Point Detonating Mechanical Fuze
Operating Mode	Super Quick (SQ) or Delay
Impact Delay	50milli sec
Fuze Mass	930gm
Overall Length	151mm
Thread	2 inch - 12UNS-1A
Safety Distance	60m (200 feet)
Temperature Firing Limits Lower Limit Upper Limit	(-) 40° C (+) 52° C
Packaging	8 Fuzes per box, 2 metal boxes per wooden box

PRIMER M82

The M82 primer is dedicated for initiation of propelling charges of types M3A1, M4A2, M119A1/2, M2023, BMCS and others on all 155mm howitzers.



1. Cartridge
2. Percussion
3. Inlet
4. Primer
5. Cover
6. Black powder
7. Powder cover

Technical Data			
Total height:	50mm	Sensitivity	
Max. Diameter:	Ø15, 15mm	Upper Value:	Height ≥229mm, Weight 458g-100%
Cartridge diameter:	Ø11, 25mm	Lower Value:	Height ≤38mm, Weight 458g-0%
Total weight:	36g		
Black powder weight:	1,2 g		
Max pressure:	≤450 Mpa		
Operrating temperature:	-46°C to 63°C		
Storagiing temperatures:	-54°C to 71°C		