

20MM X 139 HEI

20MM AMMUNITION

MISSION

The 20mmx139 ammunition is intended for use in the KAD/20HS820, GI-2 ,20RH202, 20M693 automatic weapons fitted to anti-aircraft, light armored vehicles and naval vessels mounts.

DESCRIPTION

The 20x139 HEI cartridge is composed of:

- A steel cartridge case,
- A mechanical primer,
- A propellant load,
- An explosive shell loaded with RDX/ aluminium,
- A point detonating fuze equipped with two safety systems and self-destruction.



STATUS

In service.

TECHNICAL CHARACTERISTICS

Type	High-Explosive Incendiary (HEI)
Caliber	20mm
Cartridge weight	~315g
Cartridge length	≤213mm
Projectile weight	120g
Cartridge case	Steel (lacquering protection)
Primer	Mechanical
Fuze	MR201B Self-destruction: 3.5 to 8s Safety distance: ≥15m
Propellant	~55g
Explosive	~9g
Link	24K711
Initial velocity	1,050m/s
Operational use	Up to 2,000m
Accuracy	H+L ≤60cm at 200m
Box	Metallic box 12D201