

40MM L70 HE-PD

MISSION

KNDS has a long and in-depth experience in 40mm L70 ammunition design and production. The 40mm L70 ammunition is used worldwide and qualified in accordance with NATO standards for use with all types of 40mm L70 guns. The high-explosive bursting charge is detonated by the fuze upon target impact. This cartridge is used against low flying aircrafts and ground targets also.

DESCRIPTION

The HE-PD round consists of a steel body filled with high explosive and a point detonating fuze. The fuze has dual mechanical safety.



The projectile is mounted on a brass cartridge case which is filled with single base propellant multiperforated and fitted with a percussion primer.

STATUS

In service.

TECHNICAL CHARACTERISTICS

Type	Fixed round HE
Caliber	40mm
Round mass (nominal)	2.5kg
Round length	535mm
Projectile mass (nominal)	0.96kg
Projectile filling (nominal)	0,095kg
Fuze	Point Detonating Delay-Self-destruction, Point Detonating Super Quick
Cartridge case	Brass
Primer	Percussion
Propellant SB	0.480kg
Muzzle velocity (at 21°C)	1,005m/s
Maximum range	11,800m
Operational temperature	-40°C to +60°C
1 round per container, 20 containers per wooden box or 8 rounds per metal box or i.a.w. Client's requirements	
UN Classification	1.1 UN 0006