

# 76MM L62 HE-PD

## MISSION

The 76mm L62 HE-PD round is designed and manufactured by KNDS to be fired by all OTO Melara gun systems and equivalent. It is filled with HE (High Explosive) and fitted with a PD (point detonating) fuze.

The High-Explosive charge is initiated by the fuze functioning at the impact against the target. This cartridge is used against low flying aircrafts and ground targets.

## DESCRIPTION

The projectile consists of a steel shell filled with High Explosive and a point detonating fuze. The fuze has two independent mechanical safeties. The projectile is assembled on a brass cartridge case which is filled with a multi-perforated single base propellant and fitted with a percussion primer.

## STATUS

In service.



## TECHNICAL CHARACTERISTICS

Type	Fixed round HE
Caliber	76mm
Round mass (nominal)	12.5kg
Round length	907mm
Projectile mass (nominal)	6.3kg
Projectile filling (Comp. A3)	0.56kg
Fuze	PD
Cartridge case	Brass
Primer	Percussion
Propellant SB (nominal)	2.45kg
Muzzle velocity (at 21°C)	905m/s
Dispersion	External ballistic i.a.w. OTO Melara range table
Maximum range	15,900m
Operational temperature	-33°C to +63°C
Muzzle velocity (at 21°C)	905m/s
Dispersion	External ballistic i.a.w. OTO Melara range table
Maximum range	15,900m
Operational temperature	-33°C to +63°C
2 complete rounds in a plastic shock absorber container in a wooden box or i.a.w Client's requirements	
UN Classification	1.1 E UN 0006