

/ 120 APFSDS “SHARD”

Solution for Hardened ARmor Defeat

KNDS



/ 120 APFSDS “SHARD” main characteristics

KNDS

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Mission

120 SHARD is KNDS Ammo France's newest generation high velocity APFSDS round. By implementing a brand new tungsten penetrator technology and a state-of-the-art sabot, the Kinetic Energy projectile offers a significant increase of terminal efficiency, allowing to defeat the last generation of heavily armored Main Battle Tanks.

Key features

Next generation elongated tungsten alloy penetrator

High mechanical characteristics aluminum sabot

Operational range: 2500m

Maximum range : 4000m

Muzzle velocity (L52): 1720 m/s

Status

TRL 7, qualified since december 2023

Compatibility

With all Main Battle Tanks equipped with NATO 120mm smooth bore guns.

Compliant with STANAG 4385, MOPI AEP 26 and 120ICD LEOPARD2 requirements.

Advantages

- Significant penetration increase in comparison to the current most efficient tungsten alloy-based APFSDS in service
- Low target impact dispersion
- Low propellant pressure generating less barrel wear