

**nexter**  
ARROWTECH



# 120 APFSDS “SHARD”

SOLUTION FOR HARDENED ARMOR DEFEAT



# 120 APFSDS “SHARD” | MAIN CHARACTERISTICS

## Mission

120 SHARD is Nexter Arrowtech'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: 4 000 m

Muzzle velocity (L52): 1720 m/s

## Status

TRL 7, under qualification

## Compatibility

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

Compliant with STANAG 4385, MOPI AEP 26 and 120 ICD 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

