

Patria

120 mm Mortar High Explosive Rounds



Characteristics

- Standard 120 mm Mortar High Explosive (HE) – Round with two Fuze options:
 - 120 HE-A1 - Round equipped with Proximity Fuze
 - 120 HE-A2 - Round equipped with Point Detonating Fuze
- Natural fragmentation against soft and semi-hard targets as well as direct fire capability
- Compatible with Patria's Turreted Mortar Systems (AMOS® and Nemo®) when equipped with Stub Case
- Compatible also with Standard Muzzle loaded 120 mm Mortar Systems without Stub Case
- The Round is fully tested and qualified for Finnish Defence Forces
- Delivered as a ready to fire round, equipped with Fuze, Charge System and Stub Case (If required), in 2-round Container
- UN-Code and Hazard Division UN 0006 1.1E
- Also available Inert fireable Training Practice versions 120 TP-A1 and 120 TP-A2, UN 0417 1.3C

Performance

- Muzzle Velocity 128...450 m/s and corresponding Range 0,3... 8,3 km (From AMOS® and Nemo®)
- Flying mass 13 kg
- High fragmentation cast Iron Body loaded with 2 kg of TNT
- Total length with Stub Case and Proximity Fuze ~690 mm
- Probable error (of range) <0.5% (range) x <0.3% (deflection)
- Operation and storage temperature -46...+63°C
- Lethal Radius 25 m
- Maximum Operating Pressure 188,5 MPa (Charge 6, AMOS® or Nemo®)

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Large Calibre Ammunition

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