

# Patria

## 120 mm Mortar Extended Range High Explosive Round



### Characteristics

- 120 mm Mortar Extended Range High Explosive (MERHE) -Round equipped with Proximity Fuze
- Can be fitted also with any other NATO-standard Point Detonating or Proximity Fuzes withstanding high acceleration
- 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

### Performance

- Muzzle Velocity 128...500 m/s and corresponding Range 0,3... 9,8 km (From AMOS® and Nemo®)
- Flying mass 15,3 kg
- Streamlined forged steel Body loaded with 3,4 kg of Comp-B
- Total length with Stub Case and Proximity Fuze ~840 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 225 MPa (Charge 6, AMOS® or Nemo®)

## Patria

**Patria Land Services Oy**

**Large Calibre Ammunition**

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