

# 12.7 x 108 mm, AP (Armor Piercing) Sniper ammunition

## DESCRIPTION :

Full metal jacket bullet, steel/lead-antimony core. For military applications. UN transport classification UN0012, 1.4S.

## Dimensions and weight

- Maximum round overall length 147 mm
- Bullet length, max 64.5 mm
- Case length, max 108 mm
- Round weight, approx. 134 g
- Bullet weight 48.2 ±0.8 g

## Powder charge

- Type Spherical double base or single base cylindrical propellant
- Weight 15.2-16.7 g (depending of propellant type)

## Cartridge

- Average velocity at 24m, 21±2°C, standard proof barrel of 1008 mm length 810-825 g
- Range of experimental velocities for the testing group of rounds ≤35
- Average maximum case mouth pressure (piezo, K6215), standard proof barrel of 1008mm length, at 21 °C, -54°C and 52°C. ≤3400 bar
- Individual maximum case mouth pressure (piezo, K6215), standard proof barrel of 1008mm length, at 21 °C, -54°C and 52°C. ≤3600 bar
- Precision, target at 100m, standard proof barrel of 1008 mm length, average mean radius ≤65 mm
- Penetration, complete, for minimum 90% of rounds in testing group 90 ° angle of incidence, armor plate at 100 m from muzzle, thickness ≤20 mm
- Bullet extraction force 2000 - 5500 N
- Waterproofness Cartridges are waterproof (bubbles test or 'wet velocity' test)
- Operating temperature -54 to +52 °C
- Storage temperature -5 to +30 °C
- Functioning Cartridges function all specified weapons without casualty at 21 °C, -54°C and +52°C
- Shelf life under regular deep storage conditions, minimum, years 20
- Round marking Black bullet tip

## Round elements

- Case Material Brass 70/30
- Bullet jacket Material Steel plated with gilding metal
- Core Material Steel core enveloped with lead/antimony alloy
- Primer Type, model Berdan type, 12.7 DSK, non- corrosive

## Packaging (optional, can vary according to the specific requirements)

- Type 104 rounds in the metal sheet box, 70 boxes (7280 rounds) on the pallet
- Packages dimensions Metal box: 310x165x156 Pallet: 1140x760x920 mm
- Box/pallet gross weight Metal box: approx. 16.8 pallet: approx. 1180 kg
- Box/pallet volume Metal box: 7.98, Pallet: 797.1

