

12.7 x 108 mm, BALL

Sniper ammunition

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 cylindrical multiperforated single base propellant
• Weight	14.5-16.5 g (depending on propellant type)

Cartridge

• Average velocity at 24m, 21±2°C, standard proof barrel of 1008 mm length	810-825 m/s
• Range of experimental velocities for the testing group of rounds	30 m/s
• Maximum average case mouth pressure (piezo K6215), standard proof barrel of 1008 mm 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 100 m, standard proof barrel of 1008 mm length, average mean radius	≤60 mm
• Bullet extraction force	2000 - 5500 N
• Waterproofness, testing by bullet velocity (at 24m) of cartridges prior submerged in water during 24 hours difference of average wet velocity and average velocity of non-treated cartridges shell be ≤ 20 m/s, with all bullets clearing the bore	
• Operating temperature	-54 to +52 °C
• Storage temperature	-10 to +30°C (with daily temperature differences less than 10°C)
• Functioning	Cartridges function all specified weapons without casualty at 21°C, -54°C and +52°C
• Shelf life if stored in standard packing of the producer in regular storehouse conditions, minimum, years	20

Round elements

• Case	material	Brass 70/30
• Bullet jacket	material	Steel plated with gilding metal
• Core	material	Unhardened steel core enveloped with lead/antimony alloy, (with inert material in tip)
• Primer	type, model	Berdan type, non- corrosive, non-mercury

Packaging (suggested, 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 mm; pallet: 1140x760x920 mm
• Box/pallet gross weight	Metal box: approx. 16.8 kg; pallet: approx. 1180 kg
• Box/pallet volume	Metal box: 7.98 dm ³ ; pallet: 797.1 dm ³

