

12.7 x 108 mm, AP SC Rifle ammunition

- This cartridge is intended for use against personnel and armored targets in 12.7 x 108 mm weapons at distance 1200 m.
- The cartridges shall function within the temperature range from -40°C to +52°C
- Life 10 years
- Cartridge dimensions are in accordance with C.I.P. specifications (REV 02-05-15).

TECHNICAL DATA:

CARTRIDGE

- Weight 134 g
- Length max 147 mm
- Extract force 2450 - 5400 N
- Primer large rifle 12.7/3 DShK, boxer, noncorrosive, no mercuric
- Powder double base powder

CASE

- Type 12,7 x 108, BOXER
- Weight approx. 68 g
- Length max 108 mm
- Material Brass CuZn30

BULLET

- Type FMJ BT AP (Full Metal Jacket Armor Piercing)
- Weight approx. 51,3 g (792 gr)
- Length max 56,1 mm
- Diameter max 13,01 mm
- Material Jacket: Gilding metal, Core: steel core
- Ballistic coefficient G1 0.930 (ICAO)

PERFORMANCE

- Velocity V_{24m} 810 ± 825 m/s
- Muzzle energy E_{24m} 17037 J
- Chamber pressure max 3040 bar, crusher method of measurement
- Accuracy max mean radius 200 mm at 300 m
- Terminal ballistic projectile penetrate 20 mm thick hard steel plate with 90% probability -at range of 100 m from muzzle

PACKING:

- 100 rds in metal box 12,7 DShK
- 160 rds in metal box PA-108

