

Ammo: 7.62x39mm Soviet/Russian

Overview

The 7.62x39mm is the iconic Soviet intermediate cartridge, primarily used by the AK-47, AKM, and AK-103 platforms. Compared to NATO 5.56mm, it offers superior **barrier penetration** and raw energy at close-to-medium ranges, but suffers from significantly more **bullet drop** and slower muzzle velocity.

Modern Combat Rounds

7N23 (BP)

- **Visual ID:** Black Tip
- **Role:** Modern Armor Piercing The “BP” (Broneboynaya) is the modern standard for high-threat environments. It features a hardened steel core designed to defeat modern body armor.
- **Pros:** Excellent balance of lethality and armor penetration; reliably defeats Level III plates.
- **Cons:** Harder to find in large quantities; high recoil compared to 5.45mm counterparts.

57-BZ-231 (BZ)

- **Visual ID:** Black and Red Tip
- **Role:** Armor-Piercing Incendiary A specialized combat round that combines a hardened penetrator with an incendiary charge.
- **Pros:** Can ignite vehicle fuel tanks and ammo crates (ACE Cook-off); high chance to start fires on impact.
- **Cons:** Over-penetrates soft targets; projectile trajectory can be slightly inconsistent at long range.

Legacy & Specialty Rounds

57-N-231 (PS)

- **Visual ID:** Plain / Steel Case
- **Role:** Legacy Standard (Ball) The ubiquitous “Steel Core” ball round. It has been the global standard for decades.
- **Pros:** Massive availability; punches through wood and thin metal better than 5.56mm Ball.
- **Cons:** Struggles significantly against modern ceramic body armor; inconsistent fragmentation.

57-N-231U (US)

- **Visual ID:** Black Tip with Green Ring

- **Role:** Subsonic / Stealth “Umen'shennoy Skorosti” (Reduced Velocity) rounds designed specifically for use with the **PBS-1 Suppressor**.
- **Pros:** Nearly silent when suppressed; effective for sentry removal without alerting nearby AI.
- **Cons:** Velocity is roughly 300 m/s. Aiming at 100m+ requires massive hold-over.

Tracers & Signalling

Type	Matching Round	Notes
T-45	57-N-231 (PS)	Green tip. Standard Soviet tracer.
T-45M	7N23 (BP)	Green tip. Improved tracer with better flight stability and updated chemistry.

Ballistic Comparison Table

Round	Weight	Velocity	Armor Pen.	Soft Damage	Ideal Range
57-N-231 (PS)	123 gr	Moderate	Low	High	0 - 300m
7N23 (BP)	121 gr	Moderate	High	High	0 - 350m
57-BZ-231 (BZ)	119 gr	Moderate	Very High	Medium	0 - 300m
57-N-231U (US)	193 gr	Subsonic	Very Low	Moderate	0 - 100m

Deployment Summary

- **General Infantry:** Use **57-N-231 (PS)** for general purpose work. It is excellent at suppressing enemies behind light cover like wooden fences or foliage.
- **Elite/Frontline:** Standardize on **7N23 (BP)** whenever possible to ensure effectiveness against armored Western or high-tier PMC factions.
- **Saboteur / Stealth:** Use **57-N-231U (US)** strictly with the **PBS-1 Suppressor**. Be prepared for a “rainbow” trajectory and significant energy loss at range.
- **Anti-Logistics:** Use **57-BZ-231 (BZ)** for disabling soft-skinned vehicles or unarmored technicals by targeting the engine block or fuel tank.

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Last update: **2026/01/04 06:08**

