



7.62 X 39 MM

BALL FMJ M67 - 8,0 G (124 GR)

7.62 x 39 mm FMJ

The cartridge consists of case, primer, gunpowder and bullet. It is applicable in extreme polar or desert conditions, contributing to the versatility of its use.

7.62 x 39 mm – FMJ bullet

The FMJ (Full Metal Jacket) bullet weighs 8.0 g (124 gr) and features a lead core made from a PbSb (lead-antimony) alloy for improved hardness and penetration. The jacket is made of CuZn10, ensuring durability and consistent ballistic performance.

7.62 x 39 mm – case

The caliber 7.62 x 39 mm CuZn30 case is intended for inserting the powder charge, primer and bullet.

All data provided are indicative and subject to change.

SPECIFICATIONS

Technical Specification

CARTRIDGE

Caliber	7.62 x 39 mm, M67
Weight	max 17.50 g
Length	max 55.80 mm

BULLET GRAIN

Type	FMJ, Ball
Weight	8.0 g ± 0.1 g (124 grain)
Length	max 23.90 mm
Material	Jacket - CuZn10; Core - Lead
Extraction	≥ 156 N

CASE

Length	max 38.7 mm
Material	CuZn30

PRIMER

Type	Boxer, non-corrosive, non-toxic
Propellant	Smokeless Powder (Double Base)
Waterproof	Sealant applied

The 7.62x39mm, M67, Ball, ammunition producing in ATS AMMO is in compliance with VTI requirements as well as the requirements of MIL-C-50701A. The ammunition can be fired from AK-47, LEAD STAR ARMS GRUNT 7.62X39 AR-15, Zastava ZPAPM70.

ELECTRONIC PRESSURE AND VELOCITY (KIAG 6215)			
Ammunition Temperature	+21°C ± 2°C		+52°C & -54°C
Velocity (at 24 m, m/s)	V = 710 ± 8 m/s		No requirement
Standard Deviation	≤ 9.7 m/s		No requirement
Max Corrected Mean Case Mouth Pressure, MPa	XCP ≤ 310 Mpa		XCP ≤ 330 Mpa
Min Corrected Mean Port Pressure, MPa	No requirement		No requirement
Action Time (ms)	Max individual ≤ 4 ms		No requirement
Muzzle Energy (at 0 m, J)	≤ 1600 J		No requirement
Precision (at 300 m)	Mr ≤ 150 mm		
Precision (at 183 m)	Mr ≤ 127 mm		
Precision (at 50 m)	Mr ≤ 30 mm		
Function and Casualty	Permissible percentage of defects was not exceeded		
Primer sensitivity critical hight method (run down)	Test ball 111.7 ± 0.57 g	H +5 SD ≤ 500	H - 2 SD ≤ 75
Waterproof test	No more than 15% of the tested rounds have leaks		

Compatibility with: VTI (Voeno tehnicki institut), MIL-C-52701A.

PACKING	
Micro	20 rounds fiberboard box
Makro	540 rounds, ADR 1.4 S, UN0012 certified fiberboard case
Weight (540 rounds)	Net: 9.32 kg (±0.04 kg) Gross: 9.88 kg (±0.04 kg) NEQ: 0.92 kg
Hazard class	1.4 S
UN Classification	CARTRIDGES, SMALL ARMS


Packaging options are available based on the buyer's request. Cartridges can be supplied in standard outer cartons or, for an additional cost, in metal M2A1 boxes. All shipments are palletized, with boxes and pallets marked according to the customer's specifications.

V = Corrected mean velocity

XCP = Corrected mean chamber pressure

Outsourcing Components

ATS® Ammunition has its own top-to-bottom manufacturing of a finished Product, an output of In-house made Machines, and produces 100% In-house Materials, Components and Tooling). ATS AMMO 7.62 x 39 mm components (bullet, case, primer) are perfectly compact, customizable and *available for individual purchase*.


PRIMER
No mercury
CuZn30


Case Length: max 38.70 mm
CASE 7.62 x 39 mm
Unprimed
CuZn30


Grain Bullet Length: max 23.90 mm
M67 FMJ BALL
8 g 124 grain
CuZn10 Lead Core

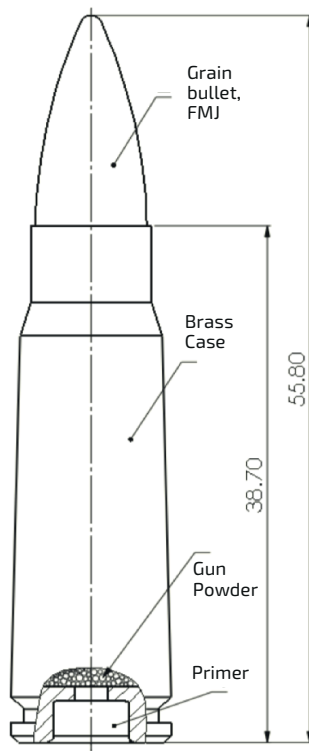


Image: Components Layout (7.62 x 39 mm)
Part number: 7621039