



Cal. 7.62x54mmR

M30 Ball, M87 Tracer, M90 API

Cal. 7.62x54mmR | BALLISTIC DATA

Cal. 7.62x54mm with bullet	V _{23,77} (m/s)	P (bar)	Accuracy mean radius (cm) at 300 m	Tracer visibility
M30 Ball	785 ± 10	max. 2800	max. 18	-
M87 Tracer	810 ± 10	max. 2800	max. 36	Visible trace not less than 1000 m from the weapon
M90 API	830 ± 10	max. 2800	max. 20	-

Penetration M90 API: The bullet shall demonstrate complete penetration of 6 mm thick armour plate, min 420 HB, located 100 meters from the weapon.

Penetration M90 API: At 100 m, the incendiary composition of bullets shall ignite cloth soaked in petrol located behind the armour plate.

Cal. 7.62x54mmR | TECHNICAL DATA

Element		Material			Weight (g)			Length (mm)		
		M30 Ball	M87 Tracer	M90 API	M30 Ball	M87 Tracer	M90 API	M30 Ball	M87 Tracer	M90 API
Bullet	Jacket	Tombac	Copper washer steel strip	Tombac	11,00 (170 gr)	9,40 (149 gr)	10,30 (159 gr)	30,90	36,60	36,00
	Core	Lead antimony	Lead antimony	Steel						
	Tracer mixture	-	Tracer compos.	-						
	Cup, closure	-	Tombac	Lead antimony						
	Filler, point	-	-	Incend. compos.						
	Tube	-	Tombac	-						
Cartridge case	Brass			~10,00			53,65			
Propelling charge	NC powder			~3,00	~3,17	~3,20	-			
Primer	Boxer non-corrosive			0,34			3,30			
Cartridge				Average Q (100) ± 0,5 g			77,16			

Cal. 7.62x54mmR | PACKAGING

Version 1	Version 2
<ul style="list-style-type: none"> • 15 rounds in cardboard box • 28 cardboard boxes (420 rounds) in metal box M2A1 • 2 metal boxes (840 rounds) in wooden crate 	<ul style="list-style-type: none"> • 15 rounds in cardboard box • 10 cardboard boxes (150 rounds) in PVC bag • 5 PVC bags (750 rounds) in carton case