

AMMO



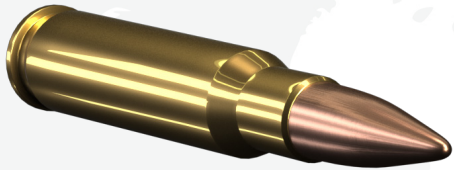
CALIBER

Cal. 7.62x51mm

M80 Ball, M62 Tracer , M61 AP, API, APT,
SNIPER BULLET: FMJBT(10.8g; 11.7g) and HPBT(10.9g)

BLANK AMMUNITION

M 82 BLANK



CALIBER

Cal. 7.62x51 mm

BALLISTIC DATA

Cal. 7.62 with bullet	Energy (J)	V _{23.77} (m/s)	P _{max} 3Sd (bar)	Accuracy Rs	Tracer visibility
M 80 Ball	at 24 m[J]	833,6 ± 9.14	max. 4 450	Sdx/Sdy Max 20 cm at 550 m	-
M 62 Tracer	at 24 m[J]	812,3 ± 9.14	max. 4 450	Sdx/Sdy Max 30 cm at 550 m	Dim tracer to min13m from the muzzle of the weapon, visible from max 140 to min. 775m from the muzzle of the weapon
M 61 AP	at 24 m[J]	833,6 ± 9.14	max. 4 450	Sdx/Sdy Max 20 cm at 550 m	-

Used for 7.62x51mm weapon caliber

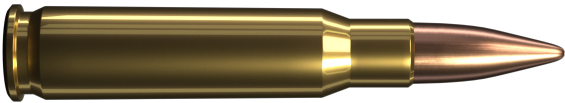
Penetration (AP M61): The bullet of the sample cartridges shall demonstrate complete penetration of 3,5 mm thick nickel-chromium steel plate target located 1100 meters from the weapon.

TECHNICAL DATA

ELEMENT		MATERIAL		
		M 80 BALL	M 62 Tracer	M 61 AP
Bullet	Jacket	Tombac	Tombac	Tombac
	Core	Lead antimony	Lead antimony	Steel
	Tracer	-	Tracer compos.	-
	Core	-	-	Lead antimony
Cartridge case		Brass		
Propelling charge		Spherical powder		
Primer		Boxer non corrosive		
Cartridge				
Packaging				
Version 1		Version 2	Version 3	Version 4
<ul style="list-style-type: none">• 20 rounds in cardboard box• 28 cardboard boxes (560 rounds) in metal box M2A1• 2 metal boxes M2A1(1120 rounds) in wire bound wooden box		<ul style="list-style-type: none">• 20 rounds in cardboard box• 10 cardboard boxes (200 rounds) in PVC bag• 5 PVC bags (1000 rounds) in carton case	<ul style="list-style-type: none">• 250 rounds in metal link belt M13• 2 metal link belts in metal box M2A1• 2 metal boxes M2A1(1000 rounds) in wire bound wooden box	<ul style="list-style-type: none">• 250 rounds in metal link belt (M13)• 1 metal link belts in metal box M19A1• 4 metal boxes (1000 rounds) in wire bound wooden box

Packaging and marking could be done according to the special buyer’s request too!

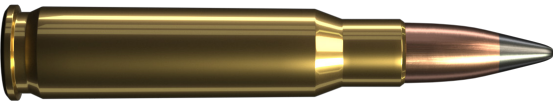
Weight (g)			Length (mm)		
M 80	M 62	AP M 61	M 80	M 62	AP M 61
~9,67 g	~9,46 g	~9,55 g	29,46	34,29	32,20
149 gr	146 gr	147 gr			
11,50	11,50	11,50	51,18		
2,85	2,80	2,82	-		
0,34			3,30		
Average Q (100) ± 1g			71,12		



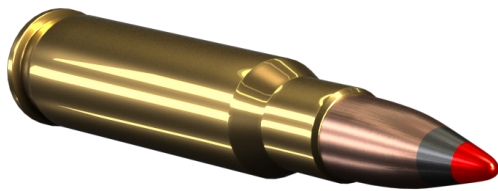
Ball, M 80



Tracer, M 62



Armor piercing M 61



CALIBER

Cal. 7.62x51 mm
API, APT

BALLISTIC DATA

Cal. 7.62 with bullet	Energy (J)	$V_{23.77}$ (m/s)	P_{max} 3Sd (bar)	Accuracy Rs	Tracer visibility
API	at 24 m[J]	$833,6 \pm 9.14$	max. 4 450	Max 30 cm at 550 m Sdx/Sdy	-
APT	at 24 m[J]	$812,3 \pm 9.14$	max. 4 450	Max 30 cm at 550 m Sdx/Sdy	Dim tracer to min13m from the muzzle of the weapon, visible from max 140 to min. 775m from the muzzle of the weapon

Used for 7.62x51mm weapon caliber

Penetration (API,APT): The bullet of the sample cartridges shall demonstrate complete penetration of 6 mm thick nickel-chromium steel plate target located 100 meters from the weapon.

Incendiary(API): At 100 m, the incendiary composition of bullets shall ignite cloth soaked in petrol located behind the armor plate.

TECHNICAL DATA

ELEMENT		MATERIAL	
		API	APT
Bullet	Jacket	Tombac	Tombac
	Core	Steel	Steel
	Tracer	-	Tracer compos.
	Core	Lead antimony	-
Cartridge case		Brass	
Propelling charge		Spherical powder	
Primer		Boxer non corrosive	
Cartridge			

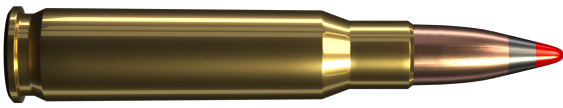
Packaging	
Version 1	Version 2
<ul style="list-style-type: none">• 20 rounds in cardboard box• 28 cardboard boxes (560 rounds) in metal box M2A1• 2 metal boxes (1120 rounds) in wire bound wooden box	<ul style="list-style-type: none">• 20 rounds in cardboard box• 10 cardboard boxes (200 rounds) in PVC bag• 5 PVC bags (1000 rounds) in carton case

Packaging and marking could be done according to the special buyer’s request too!

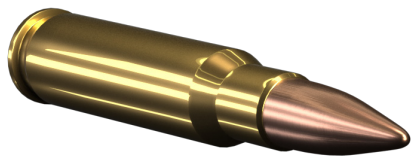
Weight (g)		Length (mm)	
API	APT	API	APT
~8,75 g 135 gr	~8,70 g 134 gr	32,20	35
11,50	11,50	51,18	
2,80	2,80	-	
0,34		3,30	
Average Q (100) ± 1g		71,12	



API



APT



CALIBER

Cal. 7.62x51 mm
SNIPER BULLET:
FMJBT(10.9g; 11.7g) and
HPBT(10.9g)



BALLISTIC DATA

Cal. 7.62 with bullet	P _{max} (bar)	Mean radius
FMJBT (10.9g)	Corrected mean case mouth pressure +3Sd for 21 C: Max. 4 450 bar	Max 0.6 cm MOA 2)*
FMJBT (11.7g)		
HPBT (10.9g)		
Used for Sinper RIFLES Caliber 7.62mm		

2)*

Distance (m)	100	200	300	400	500	550	600
Accuracy (cm)	*)	3.5	5.24	6.98	8.73	9.6	10.48

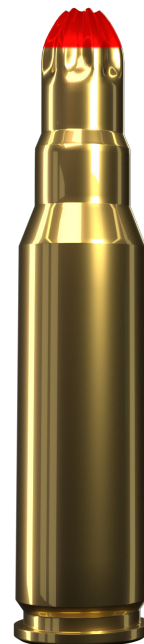
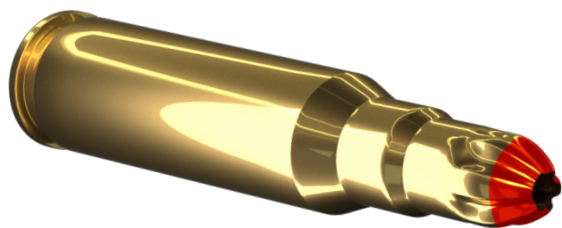
TECHNICAL DATA

Element	Bullet		Cartridge case	Propelling charge	Primer
	Jacket	Core			
Material	Tombac	Lead antimony	Brass	Spherical powder	Boxer non corrosive

Packaging

Version 1	Version 2
<ul style="list-style-type: none"> • 20 rounds in cardboard box • 28 cardboard boxes (560 rounds) in metal box M2A1 • 2 metal boxes (1120 rounds) in wire bound wooden box 	<ul style="list-style-type: none"> • 20 rounds in cardboard box • 10 cardboard boxes (200 rounds) in PVC bag • 5 PVC bags (1000 rounds) in carton case

Packaging and marking could be done according to the special buyer's request too!



CALIBER

Cal. 7.62 mm, M 82 BLANK

BALLISTIC DATA

Cyclic rate

The cartridges shall operate the M60 Machine Gun at a cyclic rate of not less than 450 cartridges per minute and the M240 Machine Gun at a cyclic rate of not less than 650 cartridges per minute.

Used for 7.62x51mm weapon caliber

TECHNICAL DATA

ELEMENT	MATERIAL	Weight (g)	Length (mm)
Cartridge case	Brass	~11,80	64,50
Propelling charge	For blank ammunition	~0,85	-
Primer	Boxer non corrosive	0,34	-
Cartridge		Average Q (100) ± 0.4g	63,15

Packaging

Version 1	Version 2
<ul style="list-style-type: none"> • 20 rounds in cardboard box • 28 cardboard boxes (560 rounds) in metal box M2A1 • 2 metal boxes (1120 rounds) in wire bound wooden box 	<ul style="list-style-type: none"> • 20 rounds in cardboard box • 10 cardboard boxes (200 rounds) in PVC bag • 5 PVC bags (1000 rounds) in carton case
Version 3	Version 4
<ul style="list-style-type: none"> • 250 rounds in metal link belt (M13) • 2 metal link belts (500 rounds) in metal box M2A1 • 2 metal boxes (1000 rounds) in wire bound wooden box 	<ul style="list-style-type: none"> • 250 rounds in metal link belt (M13) • 1 metal link belts in metal box M19A1 • 4 metal boxes (1000 rounds) in wire bound wooden box

Packaging and marking could be done according to the special buyer's request too!