Sellier & Bellot®

MILITARY AND LAW ENFORCEMENT PRODUCTS

HOMOGENOUS LEAD FREE BULLETS

lead free

- Service and training bullets
- Non-lead bullets
- Controlled bullet expansion for an intervention use
- Meet the most demanding ecological and technical requirements

Sellier & Bellot is a long time holder of the key position in ammunition production and ranks among the oldest engineering companies in the Czech Republic.

It produces a wide range of small arms ammunition for military and law enforcement use.

It's a company that strongly emphasizes research and development. Some of its latest achievements illustrate the strength of its research and development activities.

ANNEALING

- All law enforcement products are visibly marked through an annealing process.

DEVELOPMENT ACHIEVEMENTS

NONTOX PRIMER MIXTURE

- Our NONTOX primer contains a special composition that is free of heavy metal elements. NONTOX cartridges do not contain any heavy metals in post-firing fumes (lead, barium, mercury and antimony). It does not pollute the environment, does not endanger the shooter's health and does not leave residue in the gun. Unique patented primer mixture.

9 mm LUGER

9 mm LUGER NONTOX

nontox

NATO OTAN

NATO EUROPEAN RTCE MOD

- 9 x 19 FMJ 124 grs – full compliance with Stanag 4090
- 5.56 x 45 SS109 62 grs – full compliance with Stanag 4172
- 7.62 x 51 FMJ 147 grs – full compliance with Stanag 3410

MEET YOUR NEW GENERATION BULLETS

Identical trajectory of FMJ, HS and TB bullets

HS

Service ammunition specifically engineered to meet monoblock projectile duty requirements.

- Lead Free monoblock projectile combined with S&B Non-Toxic primer results in high performance Green Service Ammunition
- Controlled expansion and fragmentation minimizes risk of secondary target impact
- Minimized risk of ricochet
- Effective against a wide variety of barriers, including automotive tires

Ammunition for service use that adheres to stringent service bullet performance requirements. (FBI protocol, German Richtlinie) and provides antitoxic protection. The combustion products do not contain any heavy metals or compounds that pose a hazard to human health.

LEAD FREE BULLETS

Sellier & Bellot®

380 AUTO HS

5.0 g / 77 grs

V_0 (m/s)	E_0 (J)	
340	289	CuZn 10 (4)
		–
		4.4 BOXER

9 x 19 HS

6.5 g / 100 grs

V_0 (m/s)	E_0 (J)	
420	573	CuZn 10
		–
		4.4 BOXER

9 x 19 HS

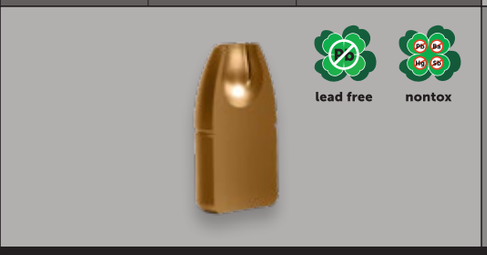
7.5 g / 115 grs

V_0 (m/s)	E_0 (J)	
360	486	CuZn 10
		–
		4.4 BOXER

9 x 19 TB*

6.5 g / 100 grs

V_0 (m/s)	E_0 (J)	
420	573	CuZn 10
		–
		4.4 BOXER



357 MAGNUM HS

7.1 g / 110 grs

V_0 (m/s)	E_0 (J)	
485	835	CuZn 10
		–
		4.4 BOXER

38 SPECIAL HS

7.1 g / 110 grs

V_0 (m/s)	E_0 (J)	
340	410	CuZn 10
		–
		5.3 BOXER

40 S&W HS

8.4 g / 130 grs

V_0 (m/s)	E_0 (J)	
380	606	CuZn 10
		–
		4.4 BOXER

10 mm AUTO HS

8.4 g / 130 grs

V_0 (m/s)	E_0 (J)	
415	723	CuZn 10
		–
		4.4 BOXER

45 AUTO HS

10.7 g / 165 grs

V_0 (m/s)	E_0 (J)	
350	655	CuZn 10
		–
		5.3 BOXER

5.56 x 45 XRG

4.0 g / 62 grs

V_0 (m/s)	E_0 (J)	
925	1711	CuZn 10
		–
		4.4 BOXER

300 AAC BLACKOUT TXRG

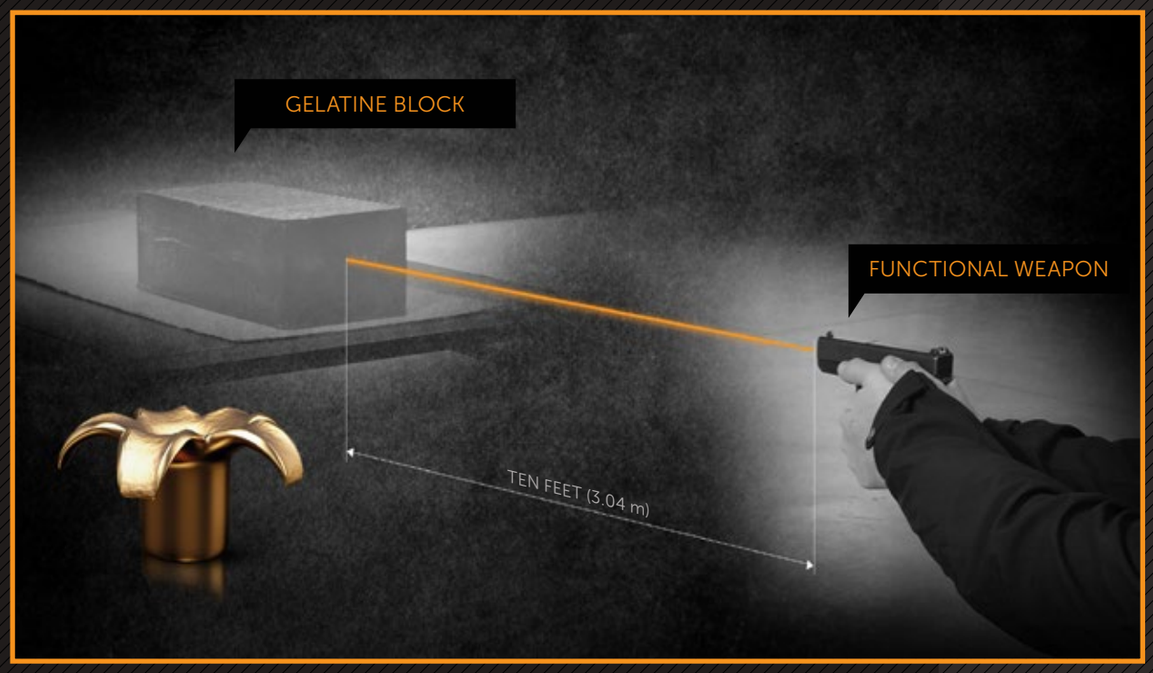
7.1 g / 110 grs

V_0 (m/s)	E_0 (J)	
675	1617	CuZn 10
		–
		4.4 BOXER

Find more about
Lead Free Bullets
on our web site

* Homogenous Training Bullet specially designed for indoor-shooting ranges.

TEST IN ACCORDANCE WITH FBI BALLISTIC PROTOCOL



UNCOVERED GELATINE

- ☐ The gelatine block is bare.

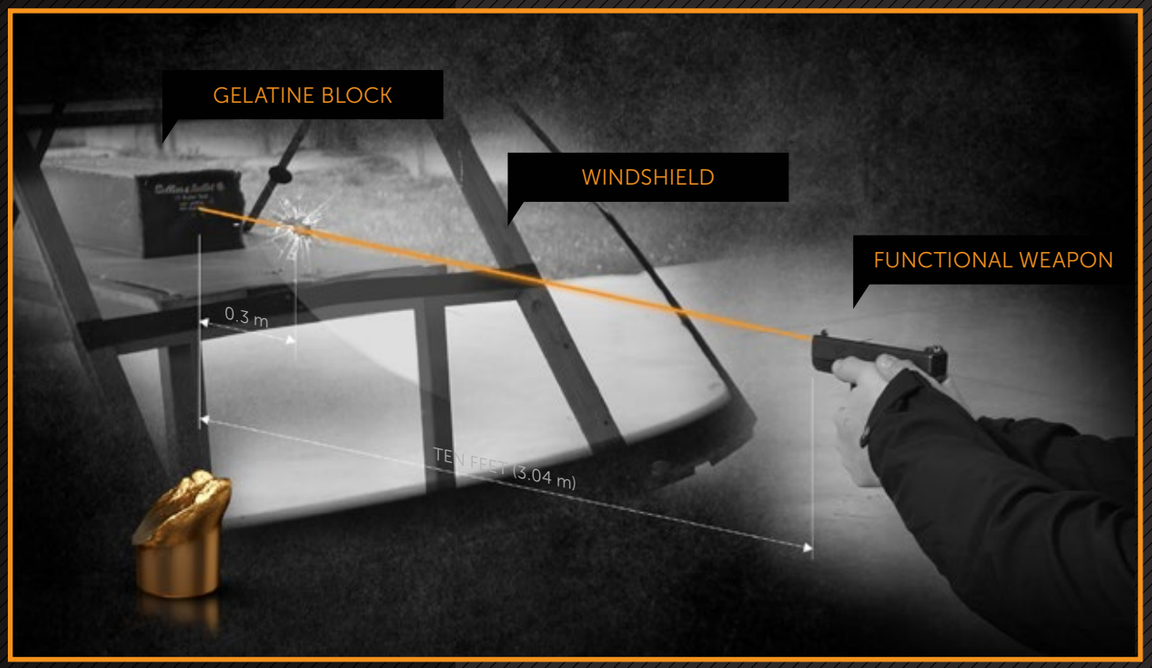
The shot is made at a distance of ten feet (3.04 m) measured from the muzzle.

FBI PROTOCOL

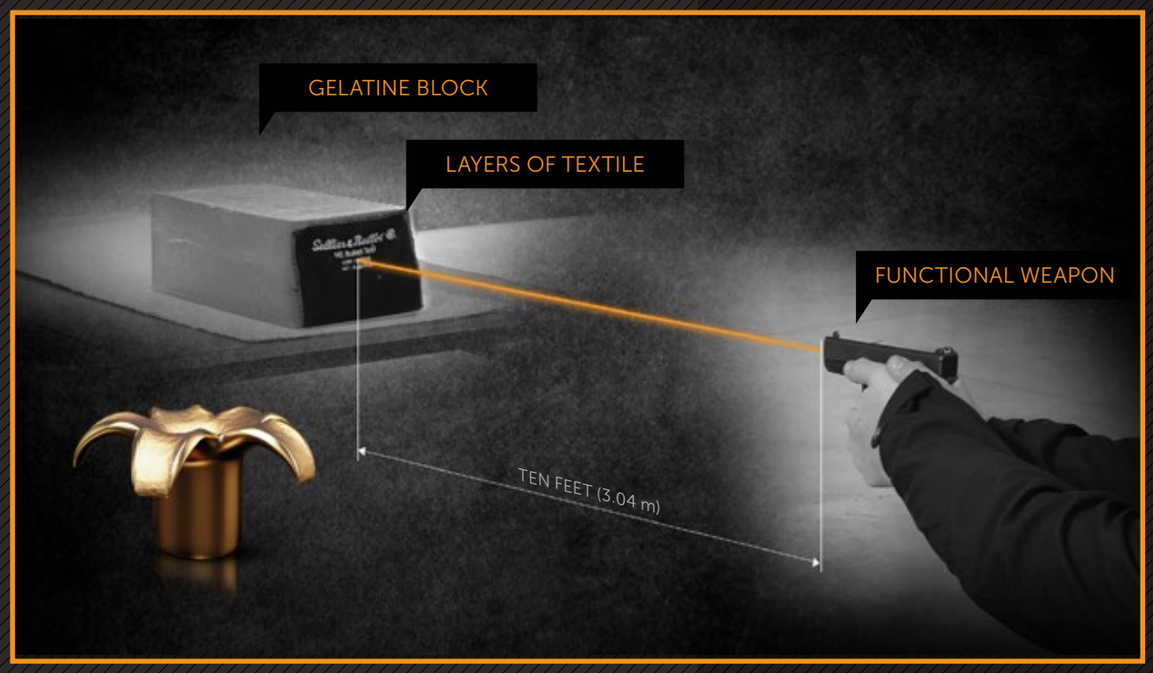
WINDSHIELD GLASS

- The two angles of this test event simulate a shot taken at the driver of a car from the left front quarter of the vehicle, and not directly in front of it.

One piece of A.S.I. one-quarter inch laminated automobile safety glass measuring 15x18 inches (281x457 mm) is set at a 45° horizontal angle. The bore line of the weapon is offset 15° to the side, resulting in a compound angle of impact for the bullet upon the glass. The gelatin block is covered with light clothing and placed 18 inches (457.2 mm) behind the glass. The shot is made at a distance of ten feet (3.04 m), measured from the muzzle to the center of the glass panel.



TEST IN ACCORDANCE WITH FBI BALLISTIC PROTOCOL



HEAVY CLOTHING

- This simulates typical cold weather wear.

The gelatine block is covered with four layers of clothing:

– Cotton T-shirt material
– Cotton dress shirt material
– Down comforter in a cambric shell cover
– Cotton denim
– The shot is made at a distance of ten feet (3.04 m) measured from the muzzle

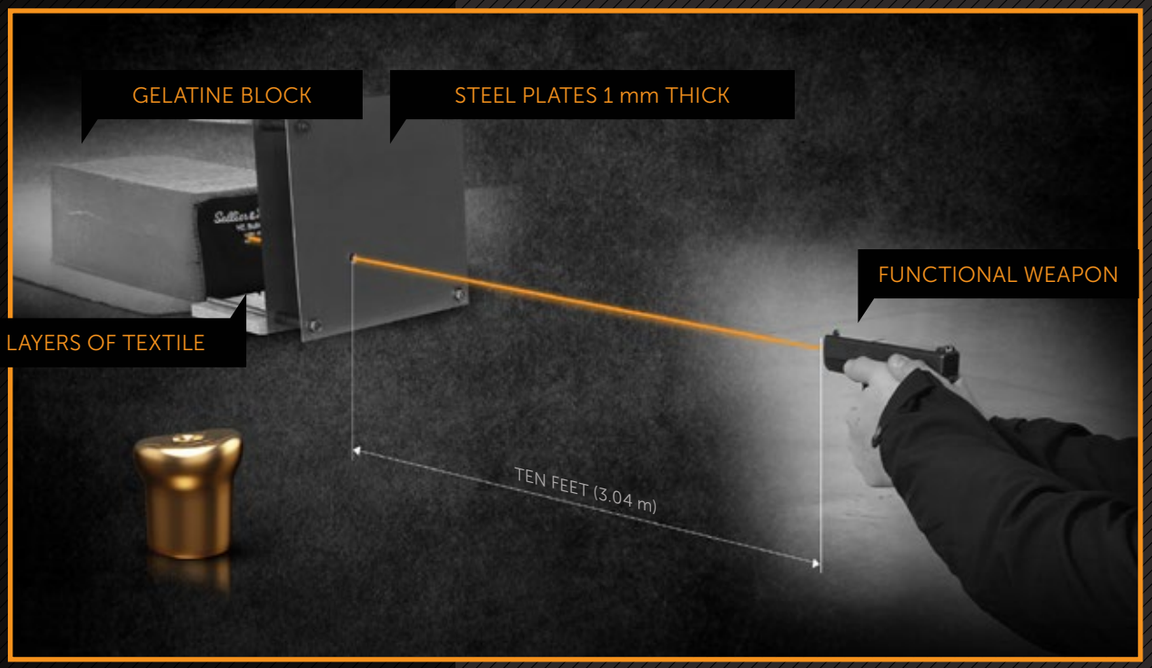
FBI PROTOCOL

STEEL

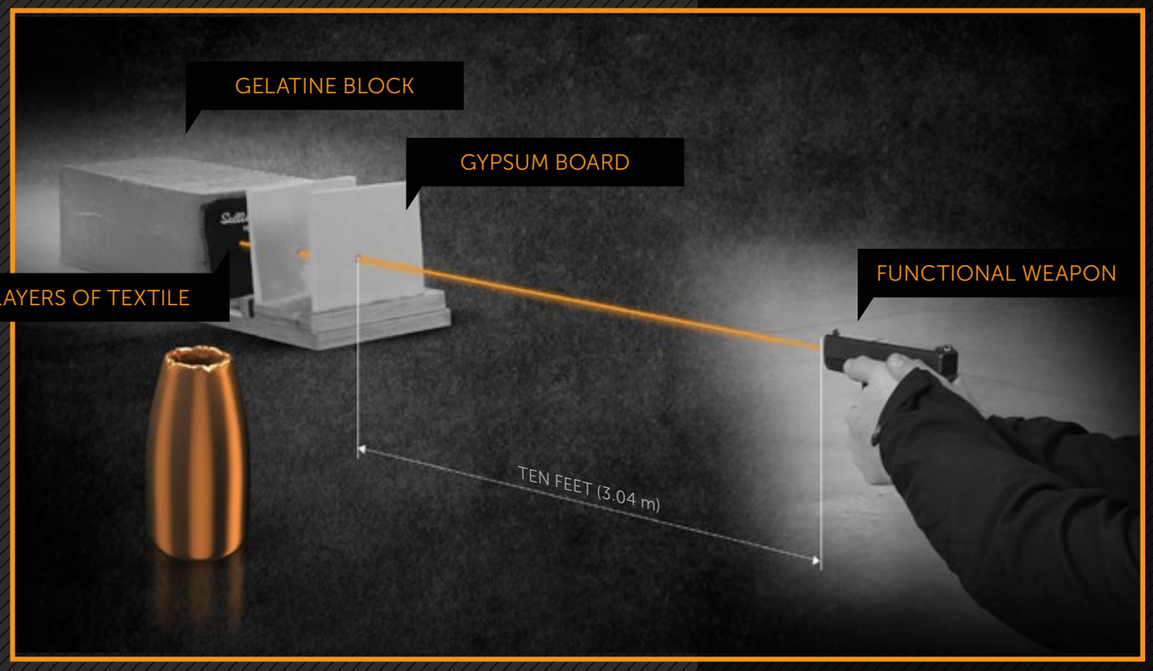
- This test simulates the weakest part of a car door.

Two pieces of 20 gauge (0.91±0.08 mm), hot rolled steel with a galvanized finish are set three inches apart. The steel is in six inch squares. The gelatin block is covered with Light Clothing and placed 18 inches (457.2 mm) behind the rear most piece of steel. The shot is made at a distance of 10 feet (3.04 m) measured from the muzzle to the front of the first piece of steel.

Light Clothing: One layer of T-shirt material and one layer of cotton shirt material.



TEST IN ACCORDANCE WITH FBI BALLISTIC PROTOCOL



WALLBOARD

- This test event simulates a typical interior building wall.

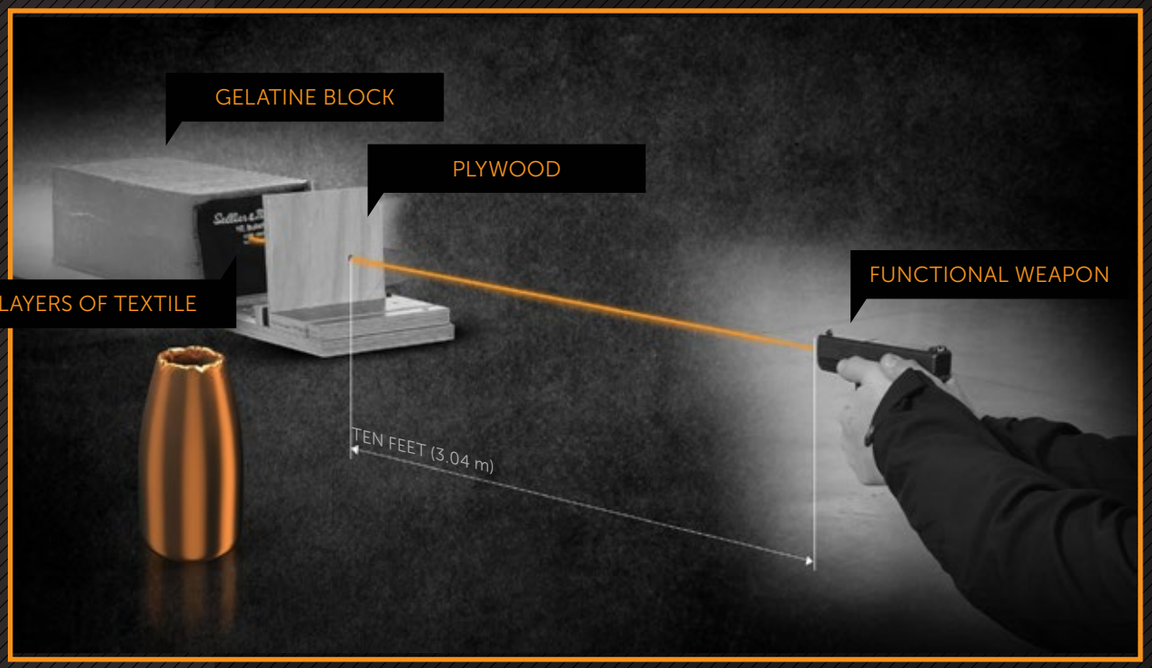
Two pieces of half-inch (12.7 mm) standard gypsum board are set 3.5 inches (88.9 mm) apart. The pieces are six inches (152.4 mm) square. The gelatin block is covered with Light Clothing and and placed 18 inches (457.2 mm) behind the rear most piece of gypsum. The shot is made at a distance of ten feet (3.04 m), measured from the muzzle to the front of the first piece of gypsum.

FBI PROTOCOL

PLYWOOD

- This test event simulates the resistance of typical wooden doors or construction timbers.

One piece of three-quarter inch (19 mm) AA fir plywood is used. The piece is six inches square (152.4 mm). The gelatin block is covered with Light Clothing and placed 18 inches (457.2 mm) behind the rear surface of the plywood. The shot is made at a distance of ten feet (3.04 m), measured from the muzzle to the front surface of the plywood.



LEAD FREE

Lead Free projectiles combined with S&B NONTOX primer are an ideal combination for indoor range shooting.

lead free

9 × 19 FMJ

5.9 g / 91 grs

455 V_0 (m/s)	610 E_0 (J)	Fe/CuZn 30
		4.4 BOXER

lead free

10 mm AUTO FMJ

8.3 g / 128 grs

430 V_0 (m/s)	767 E_0 (J)	CuZn 30
		4.4 BOXER

lead free

40 S&W FMJ

8.3 g / 128 grs

385 V_0 (m/s)	615 E_0 (J)	CuZn 30
		4.4 BOXER

NONTOX

nontox

Our NONTOX primer contains a special composition that is free of heavy metal elements. NONTOX cartridges do not contain any heavy metals in post-firing fumes (lead, barium, mercury and antimony). It does not pollute the environment, does not endanger the shooter's health and does not leave residue in the gun. Unique patented primer mixture.

Spent brass casing

9 mm LUGER

9 mm LUGER NONTOX

GREEN AMMUNITION

Sellier & Bellot®

lead free

38 SPECIAL FMJ

7.0 g / 108 grs

370 V_0 (m/s)	479 E_0 (J)	CuZn 30
		4.4 BOXER

lead free

357 MAGNUM FMJ

7.0 g / 108 grs

460 V_0 (m/s)	740 E_0 (J)	CuZn 30
		4.4 BOXER

lead free

45 AUTO/ACP FMJ

10.0 g / 154 grs

355 V_0 (m/s)	630 E_0 (J)	CuZn 30
		5.3 BOXER

lead free

5.56 × 45 M193

3.4 g / 46 grs

1 000 V_0 (m/s)	1 700 E_0 (J)	Fe/CuZn 10
		4.4 BOXER

NATO COMPLIANCE LEAD FREE PROGRAM

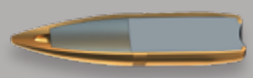
- ☐ 9 × 19 FMJ 124 grs – full compliance with Stanag 4090
- ☐ 5.56 × 45 SS109 62 grs – full compliance with Stanag 4172
- ☐ 7.62 × 51 FMJ – full compliance with Stanag 3410

lead free

9 × 19 FMJ

5.9 g / 91 grs

455 V_0 (m/s)	610 E_0 (J)	Fe/CuZn 30
		4.4 BOXER



lead free

5.56 × 45 SS109

4.0 g / 62 grs

945 V_0 (m/s)	1 786 E_0 (J)	CuZn 10
		4.4 BOXER

lead free

7.62 × 51 FMJ

9.55 g / 147 grs

856 V_0 (m/s)	3498 E_0 (J)	Fe/CuZn 10
		5.3 BOXER

Why NONTOX cartridges?

After firing, the cartridge is free from toxic exposure to barium, lead, mercury and antimony. It does not pollute the environment, endanger the shooter's health with combustion products, or leave harmful residue in the gun. It ensures safe shooting in closed premises and on target ranges. A unique patented primer design.

Pb Ba Hg Sb

nontox

All Lead Free projectiles available with NONTOX primer on request

NEW GENERATION TRACER BULLET

5.56 × 45		
4.0 g / 62 grs		
945 V_0 (m/s)	1780 E_0 (J)	Fe/CuZn 10
		Pb/Tracer
		4.4 BOXER

7.62 × 51		
9.0 g / 140 grs		
807 V_0 (m/s)	2931 E_0 (J)	Fe/CuZn 10
		Pb/Tracer
		5.3 BOXER

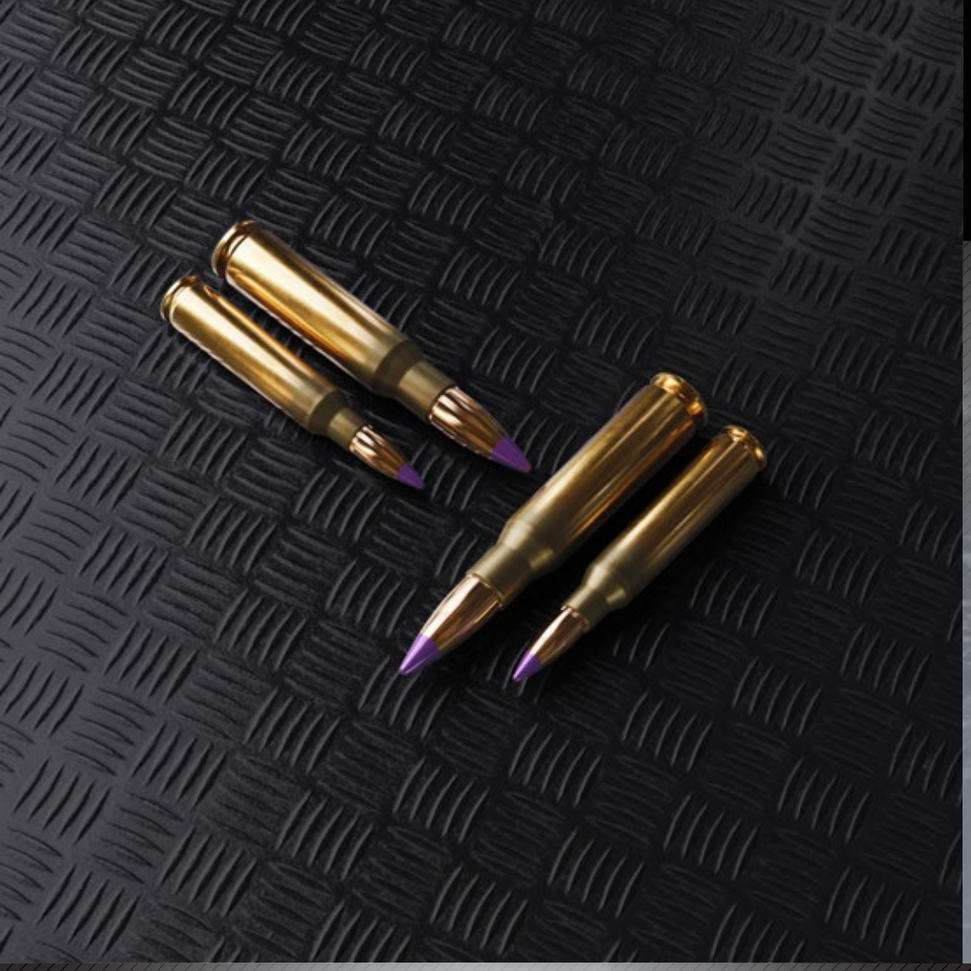
Bullet trace performance that's invisible to the naked eye, but visible through night-vision devices (NVD's).

- Definite tactical advantage, with shooter's location more difficult to determine by enemies without NVD's
- Minimum muzzle flash, suitable for the use of NVD by the shooter
- Compliance with NATO MOPI requirements

Night Shooting
with IR-DIM
Tracer Ammunition

IR-DIM TRACER

Sellier & Bellot®



PRECISION AND SAFETY COMBINED

Extreme slow motion footage of Frangible Bullet Hitting Steel Plate

For shooting at indoor ranges, rugged areas, or populated areas to eliminate the danger of a bystander being hit by a ricochet. The bullet is manufactured by sintering of copper powder and is fragmented into small particles when impacting any obstacle.

Calibers available on request:

40 S&W
45 AUTO
300 AAC BLACKOUT
7.62 × 51

FRANGIBLE

9 × 19

6.5 g / 100 grs		
420 V_0 (m/s)	573 E_0 (J)	–
		RHFP
		4.4 BOXER

5.56 × 45

9.55 g / 147 grs		
935 V_0 (m/s)	1556 E_0 (J)	–
		WTP
		5.3 BOXER

7.62 × 39

8.0 g / 124 grs		
725 V_0 (m/s)	2102 E_0 (J)	–
		NTP
		5.3 BOXER

FMJ (NATO)

Full-jacketed bullet with Pb core.
Use: Service and training ammunition.

* NATO version available

TFMJ

Fully encapsulated bullet in combination with NONTOX primer that's especially designed for indoor shooting.

Use: Training ammunition for indoor shooting.

FMJ SUBSONIC

FMJ (flat) projectiles designed for arms provided with suppressors to ensure the required level of noise reduction during shooting.

Use: Service ammunition.

The 9 × 19 mm Parabellum, commonly known as the 9 mm Luger, is a widely used cartridge in military and law enforcement applications. Its dimensions make it a versatile choice for handguns and submachine guns. Military personnel appreciate its manageable recoil, high magazine capacity, and effectiveness in close-quarters combat.

9 × 19

Sellier & Bellot®

FMJ HP

Bullet with enhanced performance designed for bulletproof vest penetration class NIJ IIIA.

Use: Service ammunition.

FMJ (NATO)

7.5 g / 115 grs

V_0 (m/s)	E_0 (J)	
390	570	CuZn 30
		Pb
		4.4 BOXER

nontox

TFMJ

7.5 g / 115 grs

V_0 (m/s)	E_0 (J)	
390	570	CuZn 30
		TFMJ / Pb
		4.4 BOXER

FMJ SUBSONIC

9.0 g / 140 grs

V_0 (m/s)	E_0 (J)	
305	419	CuZn 10
		SJHP / Pb
		4.4 BOXER

SP (100 grs)

Projectile with stopping power that deforms upon impact when hitting any obstacle.

FMJ (NATO)

8.0 g / 124 grs*

V_0 (m/s)	E_0 (J)	
360	518	CuZn 30
		Pb
		4.4 BOXER

nontox

TFMJ

8.0 g / 124 grs

V_0 (m/s)	E_0 (J)	
360	518	CuZn 30
		TFMJ / Pb
		4.4 BOXER

FMJ SUBSONIC

9.7 g / 150 grs

V_0 (m/s)	E_0 (J)	
305	451	CuZn 10
		FMJ / Pb
		4.4 BOXER

SP (124 grs)

Projectile with significant stopping power – controlled projectile disintegration.

FMJ HP

7.0 g / 108 grs

V_0 (m/s)	E_0 (J)	
460	741	Fe/CuZn 10
		Pb
		4.4 BOXER

SP

6.5 g / 100 grs

V_0 (m/s)	E_0 (J)	
266	363	CuZn 10
		Pb
		4.4 BOXER

SP

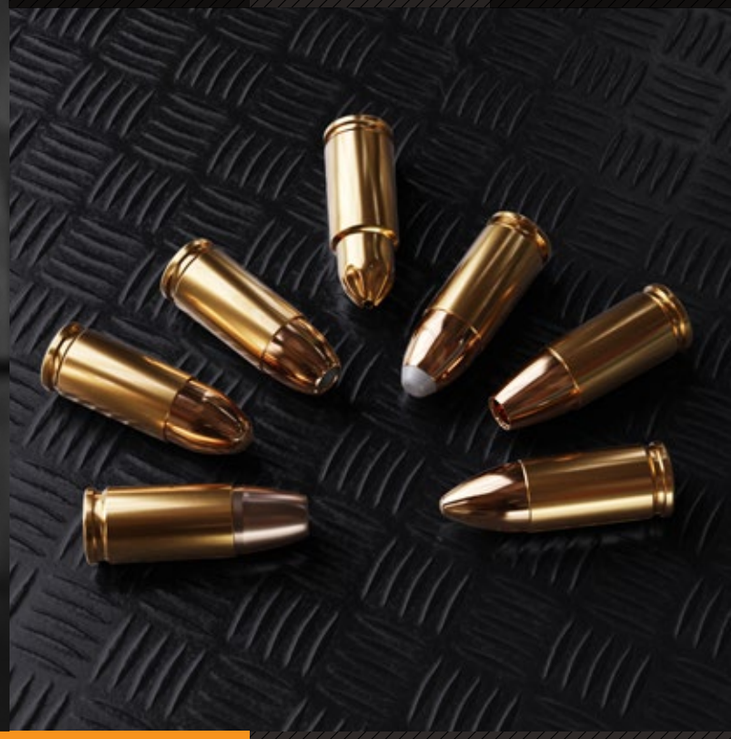
8.0 g / 124 grs

V_0 (m/s)	E_0 (J)	
310	393	CuZn 10
		Pb
		4.4 BOXER

HS
Homogenous Service ammunition specifically engineered to meet monoblock projectile duty requirements.

JHP
Projectile with significant stopping power – controlled projectile disintegration.

TB
Homogenous Training Bullet specially designed for indoor-shooting ranges.



Learn more about
9 x 19 ammunition
on our website

9 x 19

Sellier & Bellot®

FRANGIBLE
Bullet for shooting at indoor ranges, rugged areas, or populated areas to eliminate the danger of bystanders being hit by a ricochet.

FMJ
Lead free projectile for indoor-shooting ranges.

SP
Lead free projectile for indoor-shooting ranges.

BLANK
Cartridge for training purposes.

lead free nontox

HS

6.5 g / 100 grs

V_0 (m/s)	E_0 (J)	
420	573	CuZn 10
		–
		4.4 BOXER

lead free nontox

HS

7.5 g / 115 grs

V_0 (m/s)	E_0 (J)	
360	486	CuZn 10
		–
		4.4 BOXER

TB

6.5 g / 100 grs

V_0 (m/s)	E_0 (J)	
420	573	CuZn 10
		–
		4.4 BOXER

JHP

7.5 g / 115 grs

V_0 (m/s)	E_0 (J)	
377	533	CuZn 10
		Pb
		4.4 BOXER

JHP

8.0 g / 124 grs

V_0 (m/s)	E_0 (J)	
366	536	CuZn 10
		FMJ / Pb
		4.4 BOXER

FRANGIBLE

6.5 g / 100 grs

V_0 (m/s)	E_0 (J)	
420	573	–
		RHFP
		4.4 BOXER

lead free nontox

FMJ

5.9 g / 91 grs

V_0 (m/s)	E_0 (J)	
455	610	Fe/CuZn 30
		4.4 BOXER

lead free nontox

SP

5.9 g / 91 grs

V_0 (m/s)	E_0 (J)	
435	558	CuZn 30
		4.4 BOXER

BLANK

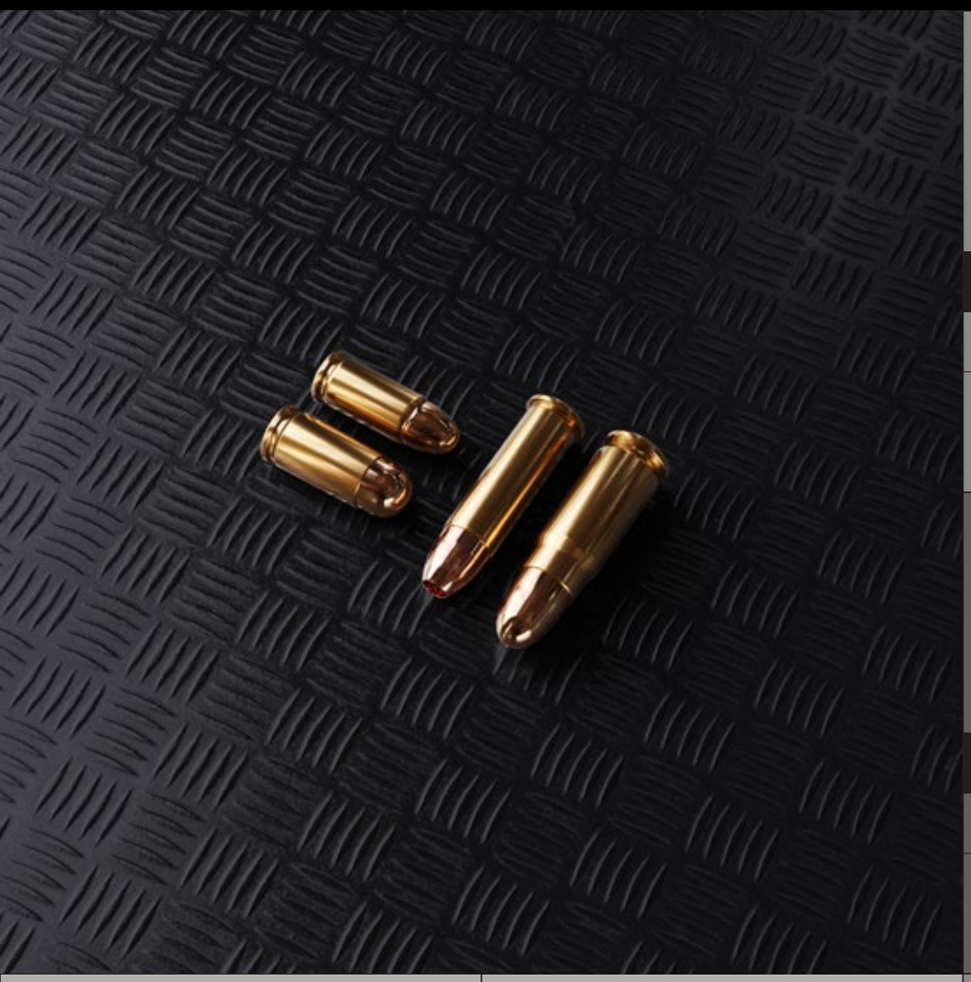
—

V_0 (m/s)	E_0 (J)	
—	—	–
		–
		4.4 BOXER

Find more about GREEN AMMUNITION on page 12

Sellier & Bellot takes pride in manufacturing a wide range of high-quality pistol and revolver ammunition. From small 7.62 mm rounds to specialized 45 AUTO loads, our catalog includes options for various calibers, bullet types, and performance characteristics. Our commitment to excellence ensures that every product leaving our facility meets the highest standards of safety, reliability, and accuracy.

HANDGUN AMMUNITION



7.62 x 25 TOKAREV FMJ

5.5 g / 85 grs

V_0 (m/s)	E_0 (J)	
502	693	CuZn 30
		Pb
		4.4 BOXER

9 mm MAKAROV FMJ

6.15 g / 95 grs

V_0 (m/s)	E_0 (J)	
310	393	CuZn 30
		Pb
		4.4 BOXER

7.65 mm BROWNING FMJ

4.75 g / 73 grs

V_0 (m/s)	E_0 (J)	
318	240	CuZn 30
		Pb
		4.4 BOXER

nontox

9 mm MAKAROV TMFJ

6.15 g / 95 grs

V_0 (m/s)	E_0 (J)	
310	393	CuZn 30
		Pb
		4.4 BOXER

38 SPECIAL FMJ

10.25 g / 158 grs

V_0 (m/s)	E_0 (J)	
271	376	CuZn 30
		Pb
		4.4 BOXER

nontox

38 SPECIAL TMFJ

10.25 g / 158 grs

V_0 (m/s)	E_0 (J)	
266	363	CuZn 30
		Pb
		4.4 BOXER

lead free nontox

38 SPECIAL FMJ

7.0 g / 108 grs

V_0 (m/s)	E_0 (J)	
370	479	CuZn 30
		4.4 BOXER

lead free nontox

38 SPECIAL HS

7.1 g / 110 grs

V_0 (m/s)	E_0 (J)	
340	410	CuZn 10
		–
		5.3 BOXER

Find more about
GREEN AMMUNITION
on page 12

lead free

nontox

357 MAGNUM HS

7.1 g / 110 grs

485 V_0 (m/s)	835 E_0 (J)	CuZn 10
		–
		4.4 BOXER

357 MAGNUM SJHP

10.25 g / 158 grs

405 V_0 (m/s)	841 E_0 (J)	CuZn 10
		Pb
		4.4 BOXER

nontox

357 MAGNUM FMJ

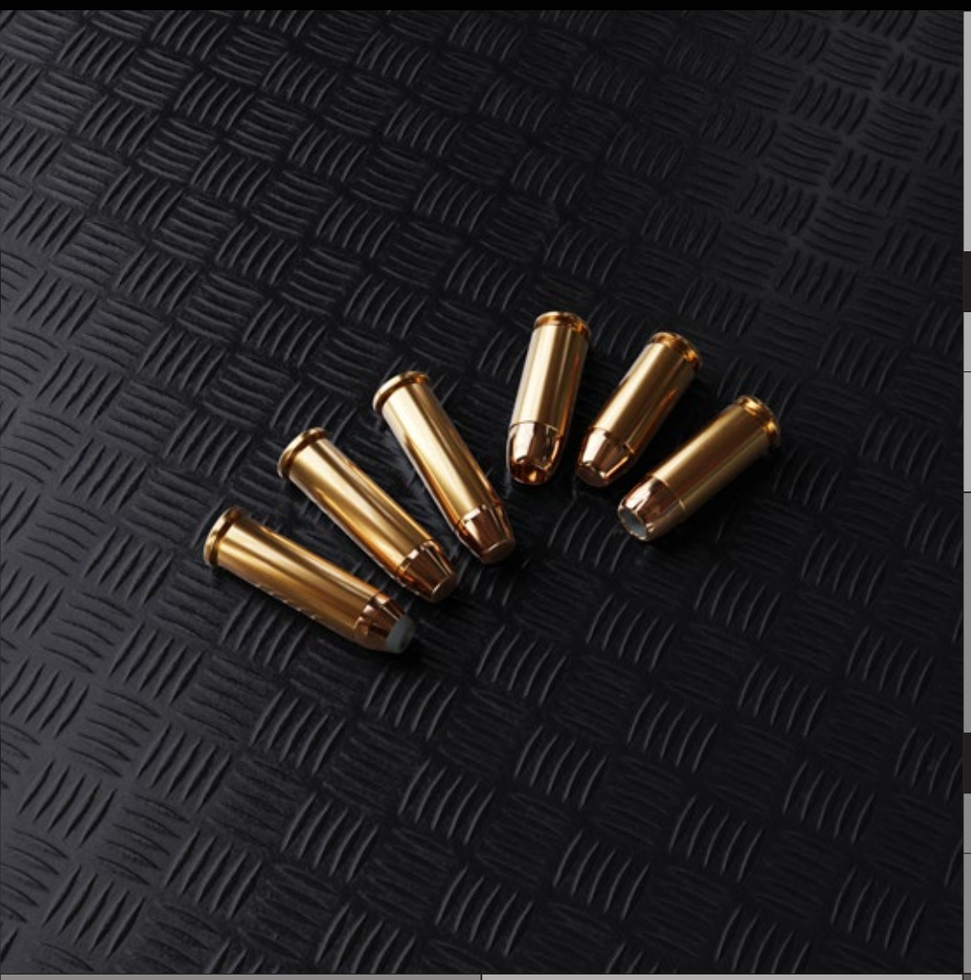
10.25 g / 158 grs

385 V_0 (m/s)	760 E_0 (J)	CuZn 10
		Pb
		4.4 BOXER

Check our full handgun ammunition line

Available on our website

HANDGUN AMMUNITION



lead free

nontox

10 mm AUTO HS

8.4 g / 130 grs

415 V_0 (m/s)	723 E_0 (J)	CuZn 10
		–
		4.4 BOXER

10 mm AUTO JHP

11.7 g / 180 grs

335 V_0 (m/s)	737 E_0 (J)	CuZn 10
		Pb
		4.4 BOXER

10 mm AUTO FMJ

11.7 g / 180 grs

335 V_0 (m/s)	737 E_0 (J)	CuZn 10
		Pb
		4.4 BOXER

nontox

10 mm AUTO TFMJ

11.7 g / 180 grs

335 V_0 (m/s)	737 E_0 (J)	CuZn 10
		Pb
		4.4 BOXER

357 MAGNUM TFMJ

10.25 g / 158 grs

385 V_0 (m/s)	760 E_0 (J)	CuZn 10
		Pb
		4.4 BOXER

lead free

nontox

357 MAGNUM FMJ

7.0 g / 108 grs

460 V_0 (m/s)	740 E_0 (J)	CuZn 30
		4.4 BOXER

lead free

nontox

10 mm AUTO FMJ

8.3 g / 128 grs

430 V_0 (m/s)	767 E_0 (J)	CuZn 30
		4.4 BOXER

Find more about GREEN AMMUNITION on page 12

lead free

nontox

40 S&W HS

8.4 g / 130 grs

380 V_0 (m/s)	606 E_0 (J)	CuZn 10
		–
		4.4 BOXER

40 S&W JHP

11.7 g / 180 grs

297 V_0 (m/s)	516 E_0 (J)	CuZn 10
		Pb
		4.4 BOXER

40 S&W FMJ

11.7 g / 180 grs

295 V_0 (m/s)	509 E_0 (J)	CuZn 10
		Pb
		4.4 BOXER

Check our full handgun ammunition line

Available on our website

HANDGUN AMMUNITION

45 AUTO/ACP JHP

14.9 g / 230 grs

V_0 (m/s)	E_0 (J)	
271	547	CuZn 10
		Pb
		5.3 BOXER

lead free nontox

45 AUTO/ACP HS

10.7 g / 165 grs

V_0 (m/s)	E_0 (J)	
350	655	CuZn 10
		–
		5.3 BOXER

45 AUTO/ACP FMJ

14.9 g / 230 grs

V_0 (m/s)	E_0 (J)	
260	504	CuZn 10
		Pb
		5.3 BOXER

nontox

45 AUTO/ACP TMFJ

14.9 g / 230 grs

V_0 (m/s)	E_0 (J)	
263	515	CuZn 10
		Pb
		5.3 BOXER

nontox

40 S&W TFMJ

11.7 g / 180 grs

V_0 (m/s)	E_0 (J)	
295	509	CuZn 10
		Pb
		4.4 BOXER

lead free

40 S&W FMJ

8.3 g / 128 grs

V_0 (m/s)	E_0 (J)	
385	615	CuZn 30
		4.4 BOXER

lead free

45 AUTO/ACP FMJ

10.0 g / 154 grs

V_0 (m/s)	E_0 (J)	
355	630	CuZn 30
		5.3 BOXER

Find more about GREEN AMMUNITION on page 12

POWERFUL AND COMPACT

FMJ
Full-jacketed bullet with Pb core.

SOLID STEEL
Copper clad, solid steel bullet with enhanced penetration up to 200 meters.

The 4.6 × 30 cartridge is extremely easy to control. Its minimal recoil allows for accurate follow-up shots, enhancing overall shooting performance. Additionally, the 4.6 × 30 provides a flat trajectory, allowing users to engage targets effectively at longer distances. Its ability to penetrate barriers and armor makes it a reliable choice. In summary, the 4.6 × 30 combines ease of use, accuracy, and penetration power, making it a versatile option for those seeking a compact and effective AR-style pistol cartridge.

FMJ			SOLID STEEL		
2.6 g / 40 grs			2.0 g / 31 grs		
635 V_0 (m/s)	524 E_0 (J)	Fe/CuZn 10 Fe-Pb 4.4 BOXER	685 V_0 (m/s)	469 E_0 (J)	– coppered steel 4.4 BOXER

4.6 × 30

Sellier & Bellot®

AP

Armor-Piercing

Bullet with hardened steel core achieving penetration in accordance to MIL.

FMJ SUBSONIC

SJHP

Semi-Jacketed Soft Point

FRANGIBLE

Bullet for shooting at indoor ranges, rugged areas, or populated areas to eliminate the danger of bystanders being hit by a ricochet.

TXRG

FMJ HP

Bullet with enhanced performance designed for bulletproof vest penetration class NIJ IIIA.

FMJ

Full Metal Jacket

AP/WC

Tungsten carbide core projectile with enhanced terminal effect.

SOLID STEEL

Copper clad, solid steel bullet with enhanced penetration up to 200 meters.

HS

Homogenous Service ammunition specifically engineered to meet monoblock projectile duty requirements.

FMJ BT

Full Metal Jacket Boat-Tail

TRACER

JHP

Jacketed Hollow Point

HPBT

Hollow Point Boat-Tail

SS109

FMJ/Fe

M193

FMJ MATCH

TFMJ

Total Full Metal Jacket

Fully encapsulated bullet designed for indoor shooting.

FMJ (NATO)

IR-DIM TRACER

Bullet trace performance invisible to the naked eye, but visible through nightvision devices (NVD's).

SP

Semi-Jacketed Soft Point

BLANK

FMJ STEEL CORE

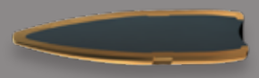
XRG

Service ammunition specifically engineered to meet monoblock projectile duty requirements.

TB

Homogenous Training Bullet specially designed for indoor shooting ranges

KNOW YOUR BULLETS



M193

3.6 g / 55 grs

1 006 V_0 (m/s)	1 822 E_0 (J)	Fe/CuZn 10
		Pb
		4.4 BOXER

nontox

M193 TFMJ

3.6 g / 55 grs

1 006 V_0 (m/s)	1 822 E_0 (J)	Fe/CuZn 10
		Pb
		4.4 BOXER

lead free

XRG

4.0 g / 62 grs

925 V_0 (m/s)	1711 E_0 (J)	CuZn 10
		–
		4.4 BOXER

The advantage of the 5.56 × 45 caliber is its versatility and widespread use in military firearms. This caliber is known for its relatively low recoil, which allows for better accuracy and faster follow-up shots. The 5.56 × 45 cartridge also has a flat trajectory, making it effective at medium to long ranges. Additionally, the 5.56 × 45 caliber is lightweight, which means that soldiers can carry more ammunition without being weighed down.

5.56 × 45

Sellier & Bellot®

IR-DIM TRACER
Bullet trace performance invisible to the naked eye, but visible through night-vision devices (NVD's).

HPBT
Lead core, hollow point bullet with boat-tail design for high accuracy shooting.

M193
Full-jacketed bullet with Pb core.

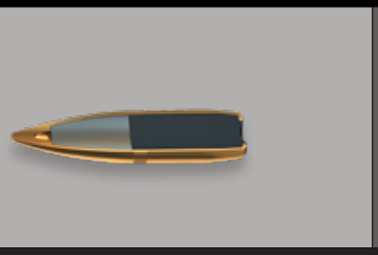
FRANGIBLE
Bullet for shooting at indoor ranges, rugged areas, or populated areas to eliminate the danger of bystanders being hit by a ricochet.

TRACER
Bullet with illumination effect that's visible without night-vision devices. Linked rounds available.

BLANK
Cartridge for training purposes.

XRG
Service ammunition specifically engineered to meet monoblock projectile duty requirements.

SS109
Bullet with steel core tip for increased penetration effect. Use: Training, manpower, and lightly armored target destruction.



SS109

4.0 g / 62 grs

945 V_0 (m/s)	1 786 E_0 (J)	CuZn 10
		Fe – Pb
		4.4 BOXER

HPBT

3.4 g / 52 grs

1 040 V_0 (m/s)	1 817 E_0 (J)	CuZn 10
		Pb
		4.4 BOXER

HPBT

4.5 g / 69 grs

920 V_0 (m/s)	1 904 E_0 (J)	CuZn 10
		Pb
		4.4 BOXER

AP/WC

4.0 g / 62 grs

900 V_0 (m/s)	1 620 E_0 (J)	CuZn 10
		Pb/WC
		4.4 BOXER

HPBT

5.0 g / 77 grs

861 V_0 (m/s)	1 853 E_0 (J)	CuZn 10
		Pb
		4.4 BOXER

TRACER

4.0 g / 62 grs

915 V_0 (m/s)	1 716 E_0 (J)	Fe/CuZn 10
		Pb/Tracer
		4.4 BOXER

IR-DIM TRACER

4.0 g / 62 grs

945 V_0 (m/s)	1780 E_0 (J)	Fe/CuZn 10
		Pb/Tracer
		4.4 BOXER

FRANGIBLE

3.6 g / 55 grs

935 V_0 (m/s)	1 556 E_0 (J)	–
		WTP
		4.4 BOXER

BLANK

—

— V_0 (m/s)	— E_0 (J)	–
		–
		4.4 BOXER

Learn more about
5.56 × 45 cartridges
on our website

7.62 x 39

Developed during World War II, the 7.62 x 39 ammunition was initially intended for the SKS carbine, which the military adopted in 1949. Today, it remains a common service rifle chambering, even in newly developed rifles. This cartridge strikes a balance between power and manageability, making it a reliable choice for military professionals worldwide.

FMJ

8.0 g / 124 grs

V_0 (m/s)	E_0 (J)	
740	2190	Fe/CuZn 10
		Pb
		5.3 BOXER

FMJ SUBSONIC

13.0 g / 200 grs

V_0 (m/s)	E_0 (J)	
310	625	Fe/CuZn 10
		Pb
		5.3 BOXER

FMJ/STEEL CORE

7.9 g / 122 grs

V_0 (m/s)	E_0 (J)	
740	2163	Fe/CuZn 10
		Pb/Fe
		5.3 BOXER

Sellier & Bellot®

TRACER

7.55 g / 116 grs

750 V_0 (m/s)	2132 E_0 (J)	Fe/CuZn 10
		Pb/Tracer
		4.4 BOXER

FRANGIBLE

8.0 g / 124 grs

125 V_0 (m/s)	2102 E_0 (J)	–
		NTP
		5.3 BOXER

BLANK

—

— V_0 (m/s)	— E_0 (J)	–
		–
		4.4 BOXER

FMJ
Full-jacketed bullet with Pb core.

FMJ SUBSONIC
Full-jacketed bullet with Pb core.

FMJ/STEEL CORE
Steel core bullet with increased penetration.

TRACER
Bullet with illumination effect that's visible without night-vision devices. Linked rounds available.

FRANGIBLE
Bullet for shooting at indoor ranges, rugged areas, or populated areas to eliminate the danger of bystanders being hit by a ricochet.

BLANK
Cartridge for training purposes.

Learn more about
7.62 x 39 cartridges
on our website

AP

9.55 g / 147 grs

1 006 V_0 (m/s)	1 822 E_0 (J)	Fe/CuZn 10
		Pb/Fe
		5.3 BOXER

AP/WC

9.75 g / 150 grs

853 V_0 (m/s)	3547 E_0 (J)	Fe/CuZn 10
		Pb/WC
		5.3 BOXER

7.62 × 51 ammunition is a powerful and versatile rifle cartridge used in military firearms. It has good accuracy, range, and stopping power making it popular for target shooting and military applications. The cartridge typically fires a 7.62mm (.308-inch) bullet at high velocity, making it effective against a variety of targets.

FMJ

9.55 g / 147 grs

856 V_0 (m/s)	3498 E_0 (J)	Fe/CuZn 10
		Pb
		5.3 BOXER

7.62 × 51

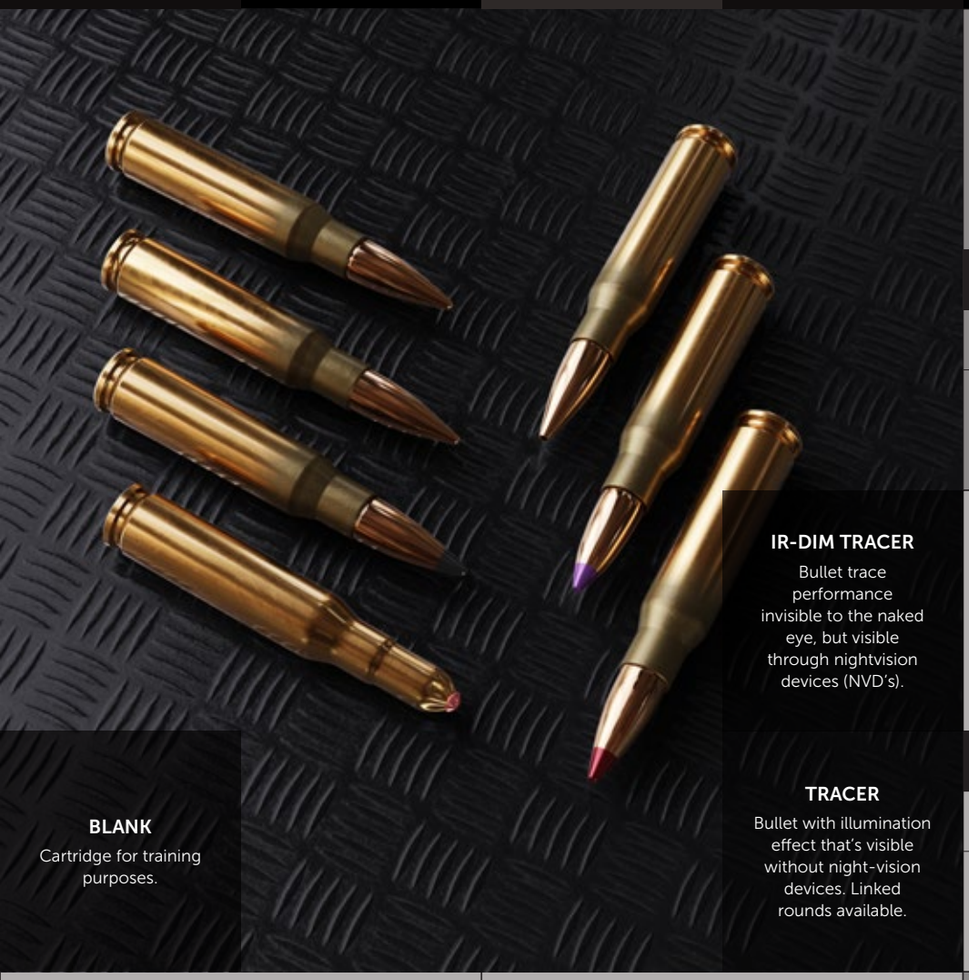
FMJ
Full-jacketed bullet with Pb core.

FMJ SUBSONIC
Full-jacketed bullet with Pb core.

AP
Bullet with hardened steel core achieving penetration in accordance to MIL.

HPBT
Sniper Line Ammunition.

Sellier & Bellot®



IR-DIM TRACER
Bullet trace performance invisible to the naked eye, but visible through nightvision devices (NVD's).

TRACER
Bullet with illumination effect that's visible without night-vision devices. Linked rounds available.

BLANK
Cartridge for training purposes.

BLANK

—

V_0 (m/s)	E_0 (J)	
—	—	–
		–
		4.4 BOXER

HPBT

10.9 g / 168 grs

V_0 (m/s)	E_0 (J)	
801	3497	CuZn 10
		Pb
		5.3 BOXER

HPBT

11.35 g / 175 grs

V_0 (m/s)	E_0 (J)	
800	3632	CuZn 10
		Pg
		5.3 BOXER

TRACER

9.3 g / 143 grs

V_0 (m/s)	E_0 (J)	
860	3439	Fe/CuZn 10
		Pb/Tracer
		5.3 BOXER

HPBT

11.7 g / 180 grs

V_0 (m/s)	E_0 (J)	
800	3744	CuZn 10
		Pb
		5.3 BOXER

FMJ - MATCH

11.7 g / 180 grs

V_0 (m/s)	E_0 (J)	
800	3744	CuZn 5
		Pb
		5.3 BOXER

FMJ SUBSONIC

13.0 g / 200 grs

V_0 (m/s)	E_0 (J)	
314	641	Fe/CuZn 10
		Pb
		5.3 BOXER

IR-DIM TRACER

9.0 g / 140 grs

V_0 (m/s)	E_0 (J)	
807	2931	Fe/CuZn 10
		Pb/Tracer
		5.3 BOXER

HPBT

12.3 g / 190 grs

V_0 (m/s)	E_0 (J)	
800	3936	CuZn 10
		Pb
		5.3 BOXER

Detailed specification of
HPBT cartridges
is on page 38

FMJ

11.7 g / 180 grs

800 V_0 (m/s)	3744 E_0 (J)	Fe/CuZn 10
		Pb
		5.3 BOXER

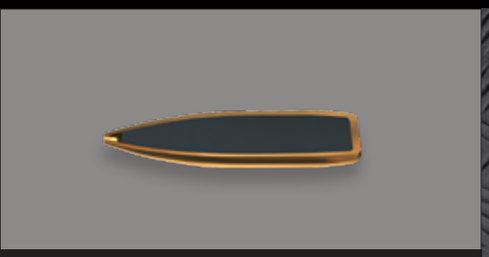
FMJ/STEEL CORE

9.6 g / 148 grs

850 V_0 (m/s)	3468 E_0 (J)	Fe/CuZn 10
		PbFe
		5.3 BOXER

The consistent accuracy of 7.62 × 54 R cartridge makes it reliable for precision shooting at various distances. Thanks to its large case volume and slow-burning smokeless powder, this cartridge delivers impressive stopping power. With over 120 years of military service, the 7.62 × 54 R remains reliable and battle-tested.

7.62 × 54 R



HPBT

11.3 g / 174 grs

788 V_0 (m/s)	3508 E_0 (J)	Fe/CuZn 10
		Pb
		5.3 BOXER

TRACER

9.1 g / 141 grs

830 V_0 (m/s)	3134 E_0 (J)	Fe/CuZn 10
		Pb/Tracer
		5.3 BOXER

FMJ
Full-jacketed bullet with Pb core.

HPBT
Lead core, hollow point bullet with boat-tail design for high accuracy shooting.

FMJ/STEEL CORE
Steel core bullet for increased penetration..

TRACER
Bullet with illumination effect that's visible without night-vision devices.

EXCELLENT ACCURACY OF LESS THAN 1 MOA

5.56 x 45 HPBT

3.4 g / 52 grs

V_0 (m/s)	E_0 (J)	
1 040	1 817	CuZn 10
		Pg
		4.4 BOXER

5.56 x 45 HPBT

4.5 g / 69 grs

V_0 (m/s)	E_0 (J)	
920	1 904	CuZn 10
		Pg
		4.4 BOXER

5.56 x 45 HPBT

5.0 g / 77 grs

V_0 (m/s)	E_0 (J)	
861	1 853	CuZn 10
		Pg
		4.4 BOXER

Cartridges loaded with HPBT bullets achieve top accuracy and are designed for competition target shooting.

The S&B Sniper & Tactical Line allows Law Enforcement and Military snipers to engage threats in any situation.

7.62 x 51 HPBT

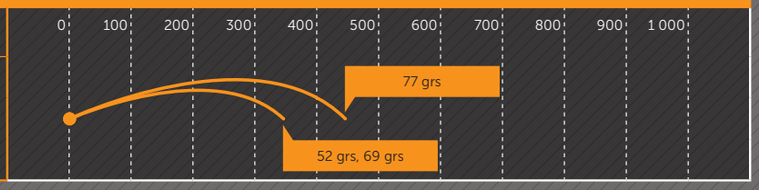
10.9 g / 168 grs

V_0 (m/s)	E_0 (J)	
801	3497	CuZn 10
		Pg
		5.3 BOXER

SNIPER LINE AMMUNITION

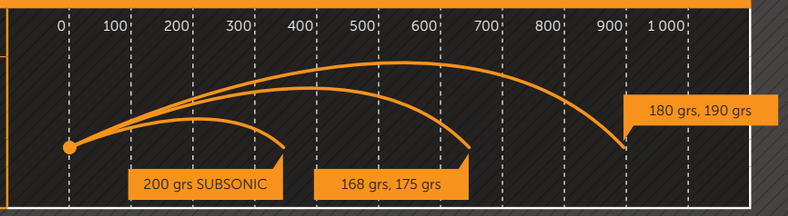
5.56 x 45

type	g	grs	V_0 (m/s)	E_0 (J)
HPBT	3.36	52	1040	1817
HPBT	4.5	69	920	1904
HPBT	5.0	77	861	1853



7.62 x 51

type	g	grs	V_0 (m/s)	E_0 (J)
HPBT	10.9	168	801	3497
HPBT	11.35	175	800	3632
HPBT	11.7	180	800	3744
HPBT	12.3	190	800	3936
FMJ SUBSONIC	13.0	200	305	605



7.62 x 51 HPBT

11.35 g / 175 grs

V_0 (m/s)	E_0 (J)	
800	3632	CuZn 10
		Pg
		5.3 BOXER

7.62 x 51 HPBT

12.3 g / 190 grs

V_0 (m/s)	E_0 (J)	
800	3936	CuZn 10
		Pb
		5.3 BOXER

7.62 x 51 FMJ-MATCH

10.9 g / 168 grs

V_0 (m/s)	E_0 (J)	
800	3488	CuZn 5
		Pb
		5.3 BOXER

7.62 x 51 HPBT

11.7 g / 180 grs

V_0 (m/s)	E_0 (J)	
800	3744	CuZn 10
		Pb
		5.3 BOXER

7.62 x 51 FMJ SUBSONIC

13.0 g / 200 grs

V_0 (m/s)	E_0 (J)	
305	605	CuZn 10
		Pb
		5.3 BOXER

7.62 x 51 FMJ-MATCH

11.7 g / 180 grs

V_0 (m/s)	E_0 (J)	
800	3744	CuZn 5
		Pb
		5.3 BOXER

300 WIN. MAG. HPBT

10.9 g / 168 grs

920 V_0 (m/s)	4613 E_0 (J)	CuZn 10
		Pg
		5.3 BOXER

300 WIN. MAG. HPBT

12.3 g / 190 grs

868 V_0 (m/s)	4634 E_0 (J)	CuZn 10
		Pg
		5.3 BOXER

300 WIN. MAG. HPBT

14.3 g / 220 grs

827 V_0 (m/s)	4890 E_0 (J)	CuZn 10
		Pg
		5.3 BOXER

7.62 x 54 R HPBT

11.3 g / 174 grs

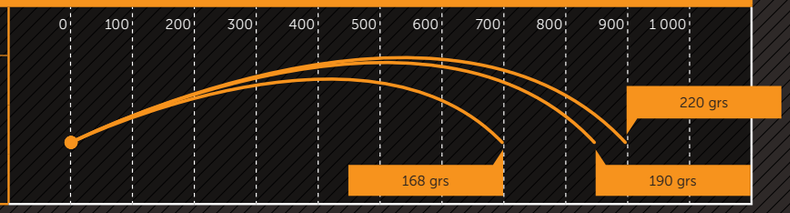
788 V_0 (m/s)	3508 E_0 (J)	CuZn 10
		Pg
		5.3 BOXER

The S&B Sniper & Tactical Line allows Law Enforcement and Military snipers to engage threats in any situation.

Sniper line point of impact = Tactical line point of impact

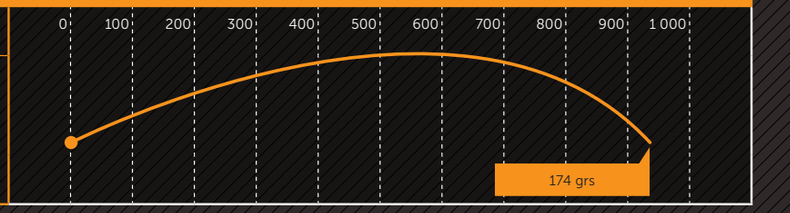
300 WIN. MAG.

type	g	grs	V_0 (m/s)	E_0 (J)
HPBT	10.9	168	920	4613
HPBT	12.3	190	868	4634
HPBT	14.3	220	827	4890



7.62 x 54 R

type	g	grs	V_0 (m/s)	E_0 (J)
HPBT	11.3	174	788	3508



SNIPER LINE AMMUNITION

Sellier & Bellot®

6.8 mm REM. SPC HPBT

7.5 g / 115 grs

V_0 (m/s)	E_0 (J)	
755	2138	CuZn 10
		Pg
		4.4 BOXER

338 LAPUA MAG. HPBT

16.2 g / 250 grs

V_0 (m/s)	E_0 (J)	
868	6103	CuZn 10
		Pb
		5.3 BOXER

338 LAPUA MAG. HPBT

19.4 g / 300 grs

V_0 (m/s)	E_0 (J)	
827	6634	CuZn 10
		Pg
		5.3 BOXER

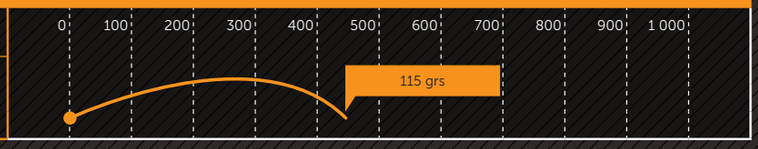
338 LAPUA MAG. AP

16.2 g / 250 grs

V_0 (m/s)	E_0 (J)	
890	6416	CuZn 10
		Pb/WC
		5.3 BOXER

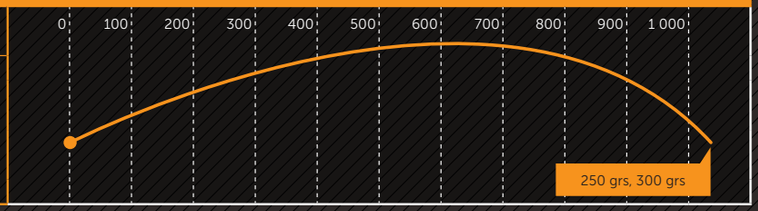
6.8 mm REM. SPC

type	g	grs	V_0 (m/s)	E_0 (J)
HPBT	7.5	115	755	2138

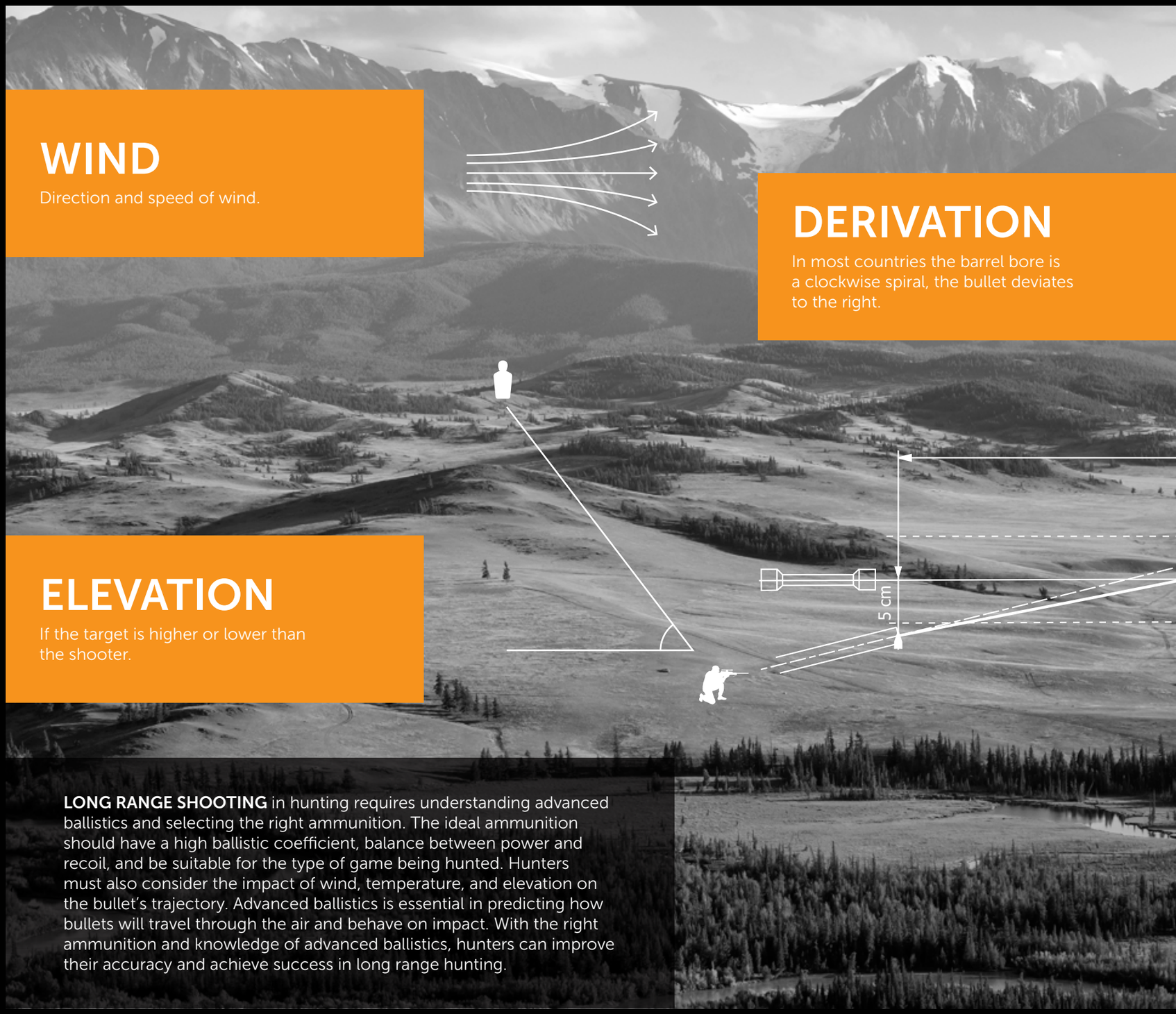


338 LAPUA MAG.

type	g	grs	V_0 (m/s)	E_0 (J)
HPBT	16.2	250	868	6103
HPBT	19.4	300	827	6634



Stay tuned to see incredible
long-distance shooting
performance.



LONG RANGE SHOOTING

ALTITUDE

Atmospheric pressure defined by latitude.

CORIOLIS FORCE

Curvature of trajectory given by the rotation of the Earth.

MRD (Most Recommended Distance) is the point (4) where the trajectory (2) crosses the line of sight (3) for the second time. The trajectory (2) will not exceed the line of sight (3) by more than 4 cm.

1. Axis of the barrel
2. Curve of trajectory
3. Line of sight
4. MRD – most recommended distance
5. The point where the trajectory leaves the line of sight zone

HUMIDITY

Shooting over a river.

Sellier & Bellot, in collaboration with a leading Czech ballistics expert, has developed an advanced ballistics model to calculate the performance and trajectory of ammunition.

The basic element of ballistic calculations is the ballistic coefficient (BC), which is used to evaluate the missile in terms of external ballistics and flight characteristics in the real atmosphere (ATM). BC can also be described as the ability of the missile to penetrate the ATM. It is true that a missile with a higher BC penetrates ATM better and vice versa that a missile with a lower BC is more inhibited by ATM.

Sellier & Bellot calculates the BC of a labored bullet by accurately measuring the velocities of a sample of 10 bullets on a 100 m range. The measured bullet velocity values, together with the actual temperature, humidity and absolute air pressure, are used to calculate the published BC of the bullet converted to standard ICAO air conditions (temperature 15 °C, relative humidity 0% and absolute pressure 1013.25 hPa). This provides the ability to compare individual missiles with each other.

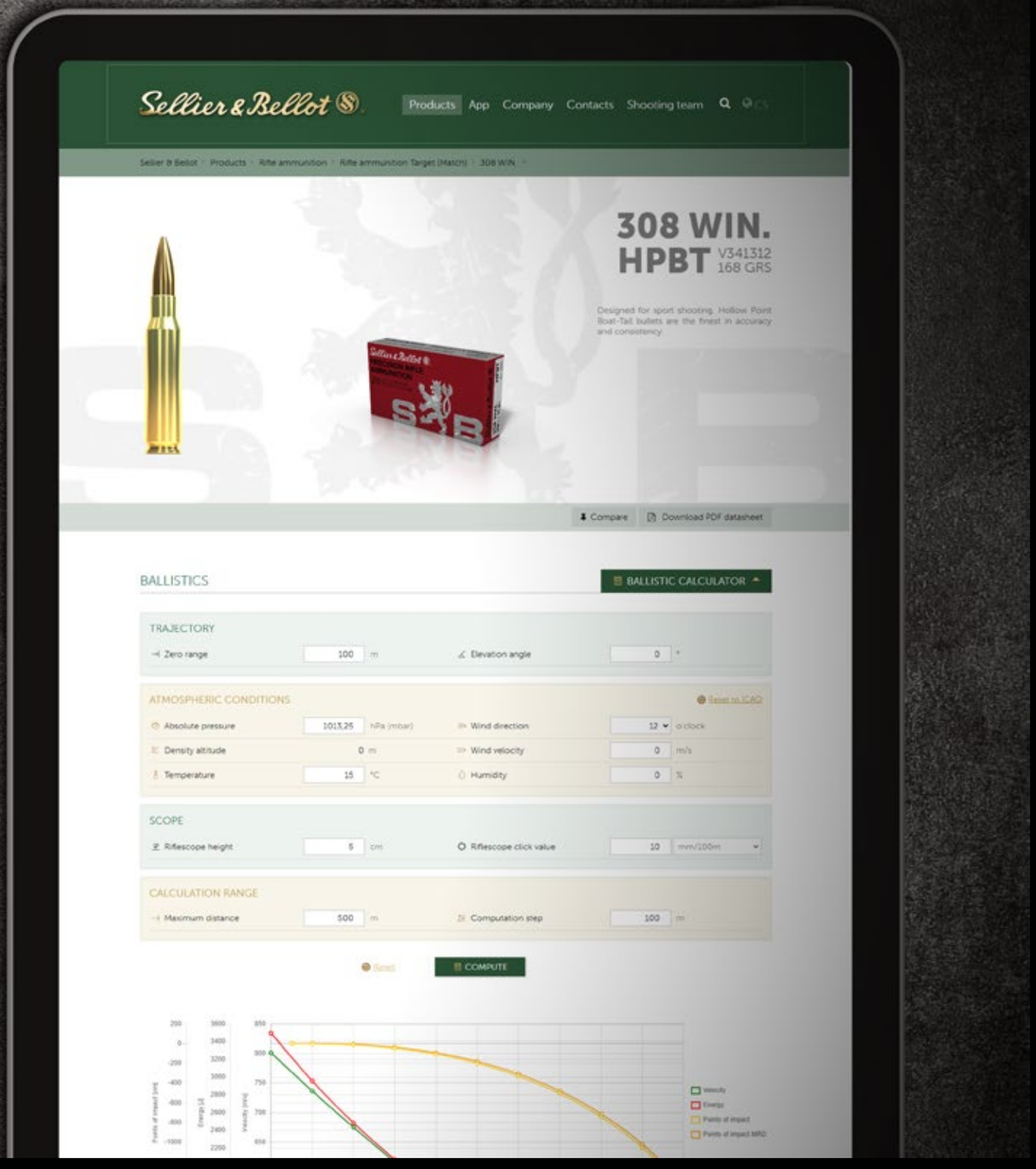
For the need of an accurate long range firing model, a model based on the equations of motion of the mass point under the influence of gravitational acceleration and environmental drag force is used.

The algorithm for calculating the ballistic elements of the projectile is performed by numerical integration of the general equations of motion of the mass point using a modified Euler method.

The advanced and physically accurate ballistic model is the basis for development of ammunition, it helps you select the right cartridge and shoot perfectly.

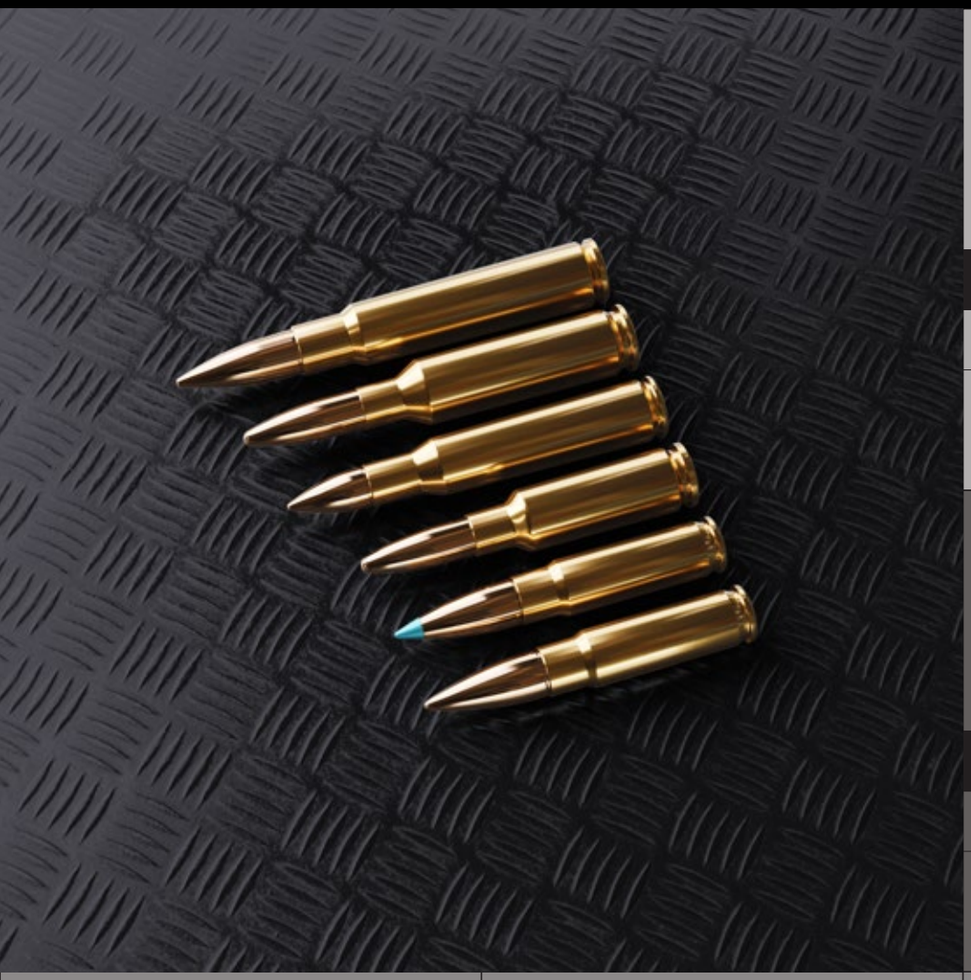
Try the **advanced ballistic calculator**
for example on 308 WIN HPBT.

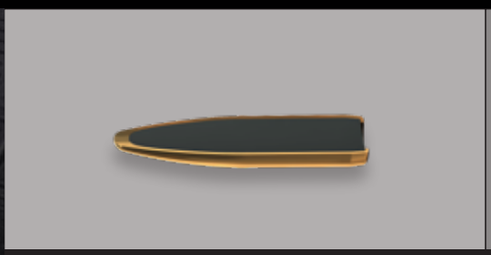
THE ADVANCED BALLISTIC MODEL


Sellier & Bellot
Products
App
Company
Contacts
Shooting team
308 WIN.
HPBT V341312
168 GRS
Designed for sport shooting. Hollow Point Boat-Tail bullets are the finest in accuracy and consistency.
Compare
Download PDF datasheet
BALLISTICS
BALLISTIC CALCULATOR
TRAJECTORY
Zero range
100
Elevation angle
0
ATMOSPHERIC CONDITIONS
Absolute pressure
1013,25
Wind direction
Density altitude
Wind velocity
Temperature
15
Humidity
SCOPE
Riflescope height
5
Riflescope click value
10
CALCULATION RANGE
Maximum distance
500
Computation step
100
COMPUTE

Tactical ammunition is specifically designed for use in tactical situations, such as military operations or law enforcement activities. The main advantage of tactical ammunition is its ability to provide reliable and consistent performance in high-stress situations. This type of ammunition is often engineered to have enhanced accuracy, stopping power, and penetration capabilities, making it ideal for use in critical scenarios where precision and effectiveness are crucial. Additionally, tactical ammunition may also feature specialized designs or components that help minimize the risk of malfunctions or jams, further enhancing its reliability in the field.

TACTICAL AMMUNITION

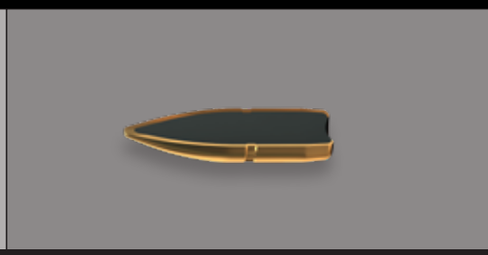




6.5 GRENDEL FMJ

8.00 g / 124 grs

785 V_0 (m/s)	2465 E_0 (J)	CuZn 10
		Pb
		4.4 BOXER



6.8 mm REM. SPC FMJ

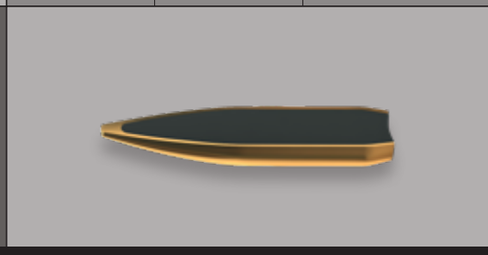
7.10 g / 110 grs

779 V_0 (m/s)	2154 E_0 (J)	CuZn 10
		Pb
		4.4 BOXER

6.5 CREEDMOOR FMJ

9.10 g / 140 grs

810 V_0 (m/s)	2985 E_0 (J)	CuZn 10
		Pb
		4.4 BOXER



7.5 x 55 SWISS FMJ

11.30 g / 174 grs

770 V_0 (m/s)	3883 E_0 (J)	CuZn 10
		Pb
		4.4 BOXER

300 AAC BLACKOUT FMJ

8.00 g / 124 grs

660 V_0 (m/s)	1724 E_0 (J)	CuZn 10
		Pb
		4.4 BOXER

300 AAC BLACKOUT FMJ

9.55 g / 147 grs

633 V_0 (m/s)	1913 E_0 (J)	CuZn 10
		Pb
		4.4 BOXER

300 AAC BLACKOUT FMJ

13.00 g / 200 grs

323 V_0 (m/s)	678 E_0 (J)	CuZn 10
		Pb
		4.4 BOXER

300 AAC BLACKOUT TXRG

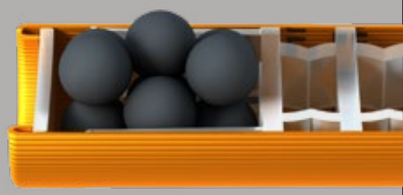
7.10 g / 110 grs

675 V_0 (m/s)	1617 E_0 (J)	CuZn 10
		–
		4.4 BOXER

RUBBER SHOT – 12 shots

3.6 g / 55 grs

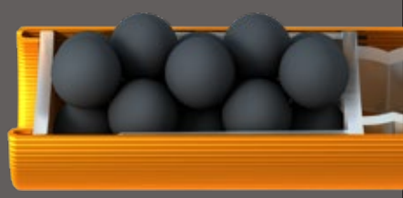
455 V_0 (m/s)	373 E_0 (J)	Rubber shot
		Orange plastic
		W 209



RUBBER SHOT – 9 shots

2.7 g / 42 grs

455 V_0 (m/s)	280 E_0 (J)	Rubber shot
		Orange plastic
		W 209



RUBBER SHOT – 15 shots

4.5 g / 70 grs

455 V_0 (m/s)	465 E_0 (J)	Rubber shot
		Orange plastic
		W 209

Cartridge with multiple rubber projectiles that cause trauma.

12/67.5 RUBBER SHOT

Sellier & Bellot®

RUBBER SHOT
12 shots

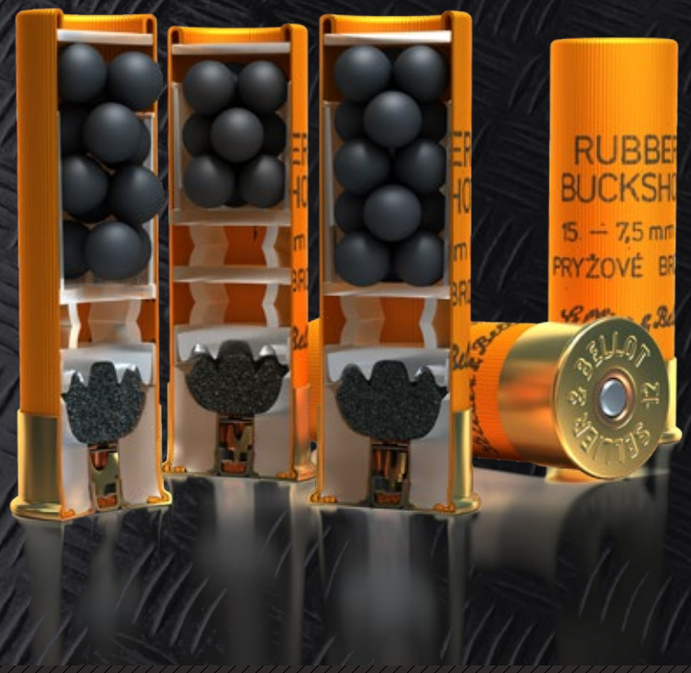
Usage: Shooting at live targets from a defined distance, causing trauma and paralyzing the aggressor.

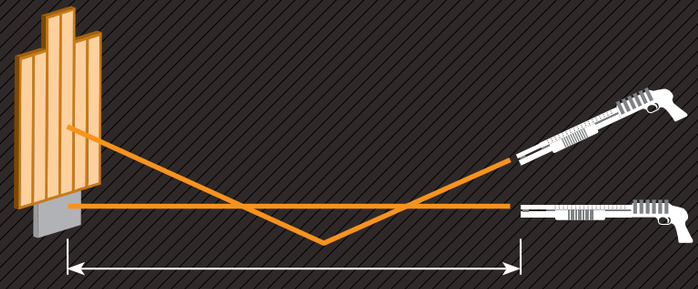
RUBBER SHOT
9 shots

Usage: Shooting at live targets from a defined distance, causing trauma and paralyzing the aggressor.

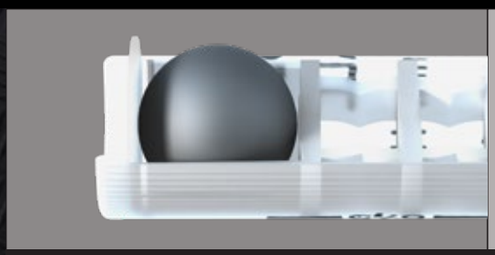
RUBBER SHOT
12 shots

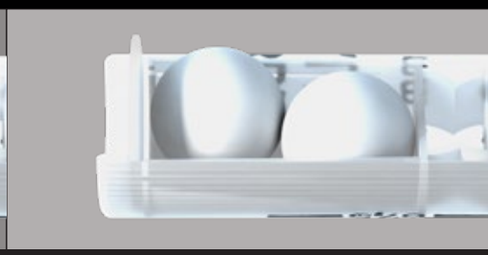
Usage: Shooting at live targets from a defined distance, causing trauma and paralyzing the aggressor.





RUBBER SHOT 10–15 m
RUBBER BALL (1 ball) 20–25 m
RUBBER BALL (2 balls) 15–20 m





RUBBER BALL – 1 ball		
3.3 g / 51 grs		
275 V_0 (m/s)	125 E_0 (J)	Rubber ball Transparent plastic W 209

RUBBER BALL – 2 balls		
4.0 g / 62 grs		
265 V_0 (m/s)	162 E_0 (J)	Rubber ball Transparent plastic W 209

RUBBER BALL
1 ball

Usage: Shooting at live targets from a defined distance, causing trauma and paralyzing the aggressor.

RUBBER BALL
2 balls

Usage: Shooting at live targets from a defined distance, causing trauma and paralyzing the aggressor.

12/67.5 RUBBER BALL

A LOCKED DOOR IS NO OBSTACLE

SPECIAL OPEN DOOR

34.0 g / 524 grs

		Powder substance
— V_0 (m/s)	— E_0 (J)	Black plastic
		W 209

SPECIAL OPEN DOOR

15.0 g / 235 grs

		Plastic substance
480 V_0 (m/s)	1728 E_0 (J)	Transparent plastic
		W 209

Cartridge designed for the destruction of front door holding points and locks.

SPECIAL TRAINING

4.0 g / 62 grs

		Special mix
— V_0 (m/s)	— E_0 (J)	Orange plastic
		W 209

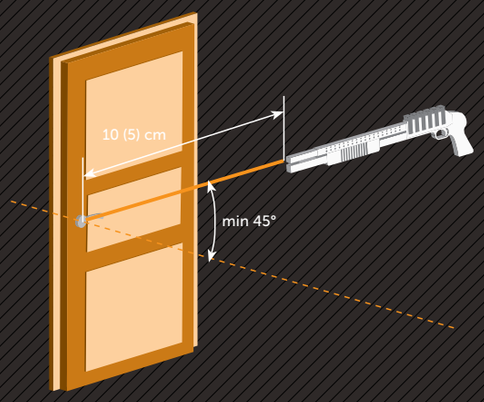
12/70 OPEN DOOR

Sellier & Bellot®

Unleashing Power
in Every Shot!

12/70 OPEN DOOR
Usage: Shooting from a distance of 10 cm to holding point and lock at an angle of 45° to the door frame.

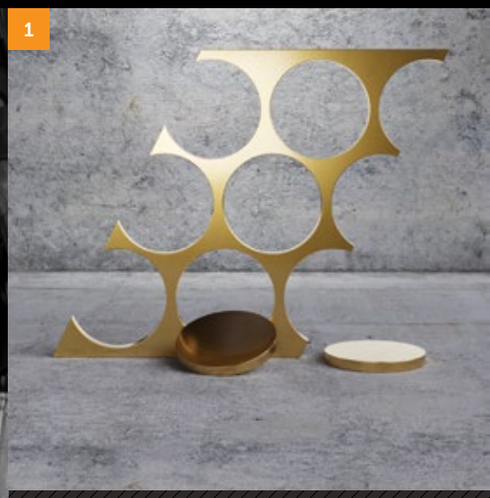
12/70 OPEN DOOR
Usage: Shooting from a distance of 10 cm to holding point and lock at an angle of 45° to the door frame.



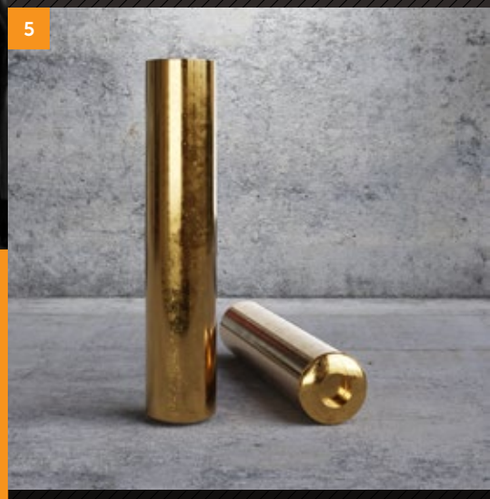
12/67.5 TRAINING
Usage: Marking, shooting 5 cm from the holding point and lock at an angle of 45° to the door frame.

12/67.5 TRAINING

HIGH-QUALITY, CAREFUL AND PRECISE PRODUCTION



1. Cup shape cutting

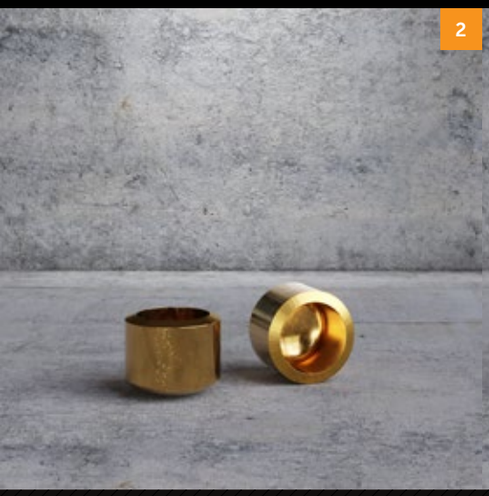


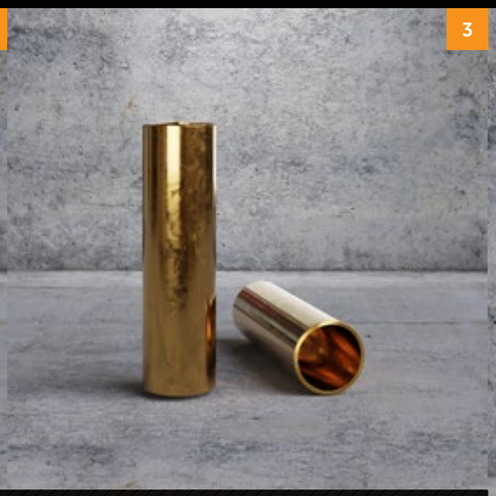
5. Cutting amd Primer pocket pressing
6. Case head pressing, Flash hole piercing and Necking

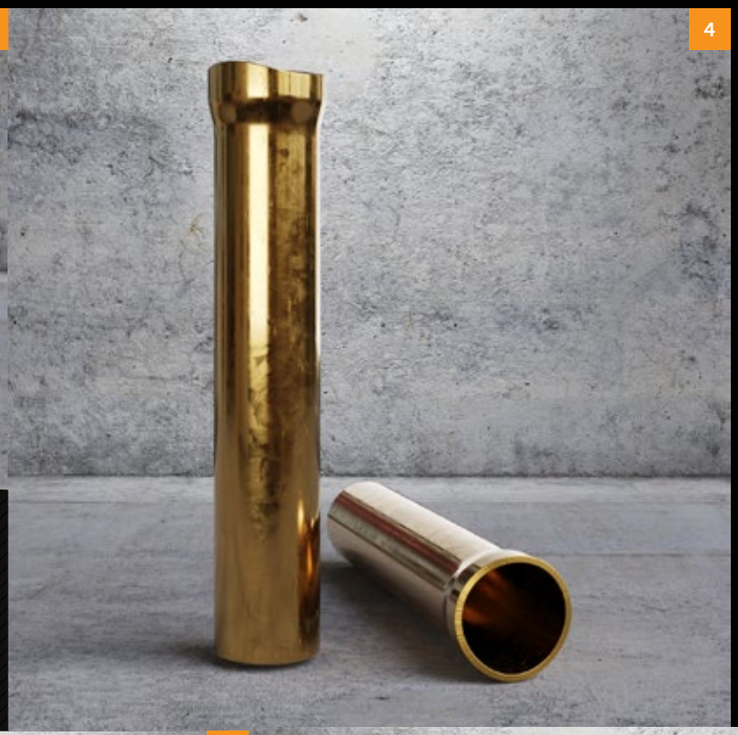
Sellier & Belot places great emphasis on high-quality, careful and precise production of cartridges. The successful history of production is proof not only of the meticulous work of the machinists, but also of research and development.

The production of cartridges is a complex process where every detail is important. From individual draws to the final product, every step is controlled by absolutely precise machines and checked by numerous optical tests and measurements. This makes Sellier & Bellot cartridges a symbol of high performance, precision and reliability. Each cartridge carries the heritage of 200 years of work and experience.

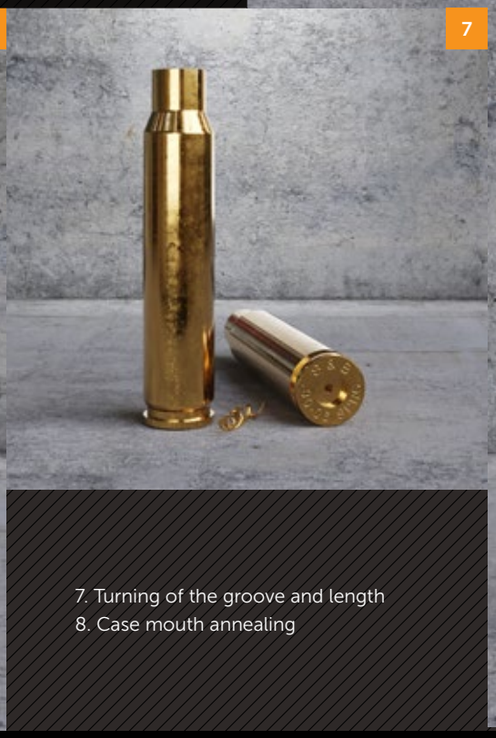
RIFLE CARTRIDGE PRODUCTION PR

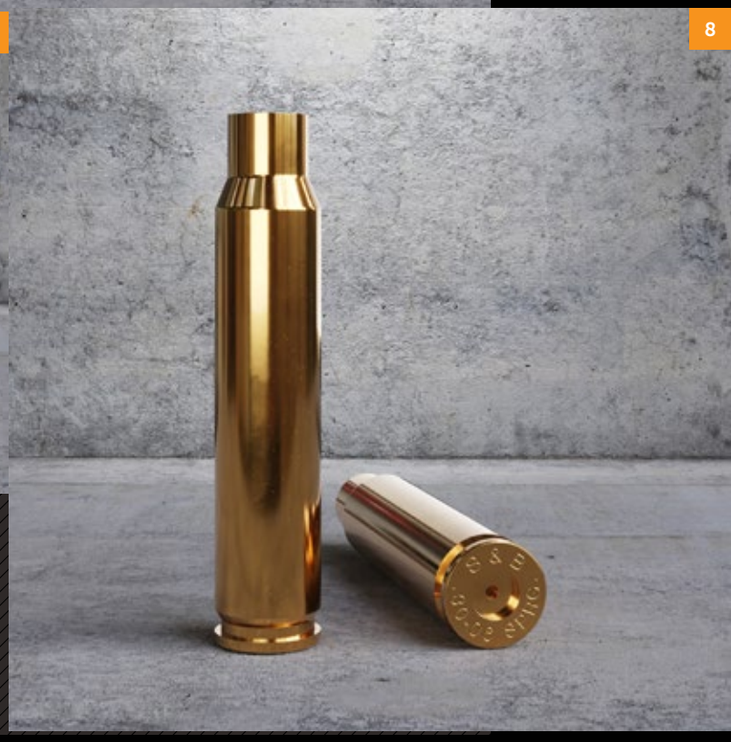






2. Cup shape cutting
3.–4. Draw – During this operation, the cup is gradually transformed into the desired one diameter, length and wall thickness





7. Turning of the groove and length
8. Case mouth annealing

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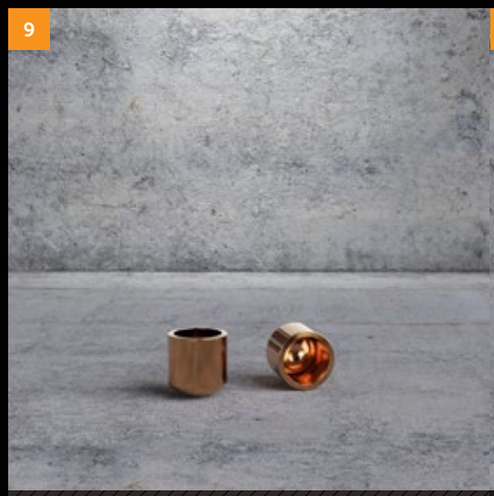
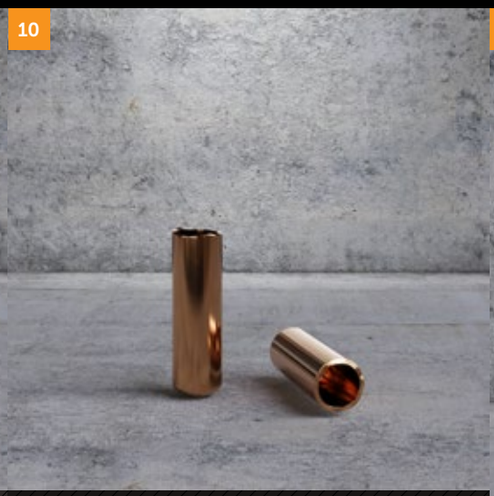
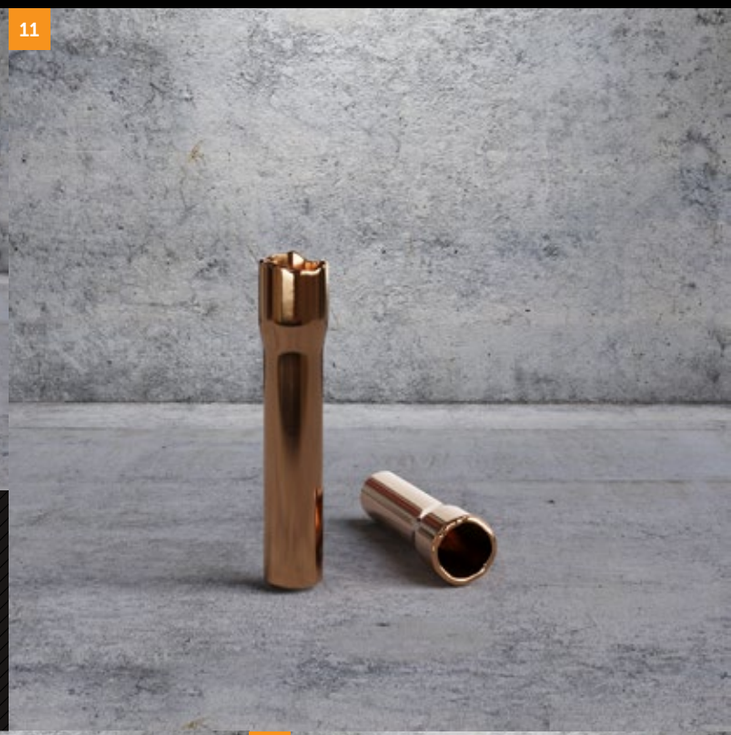
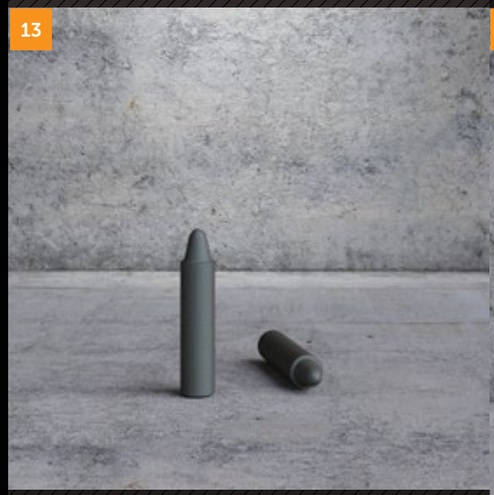


9. Bullet cup

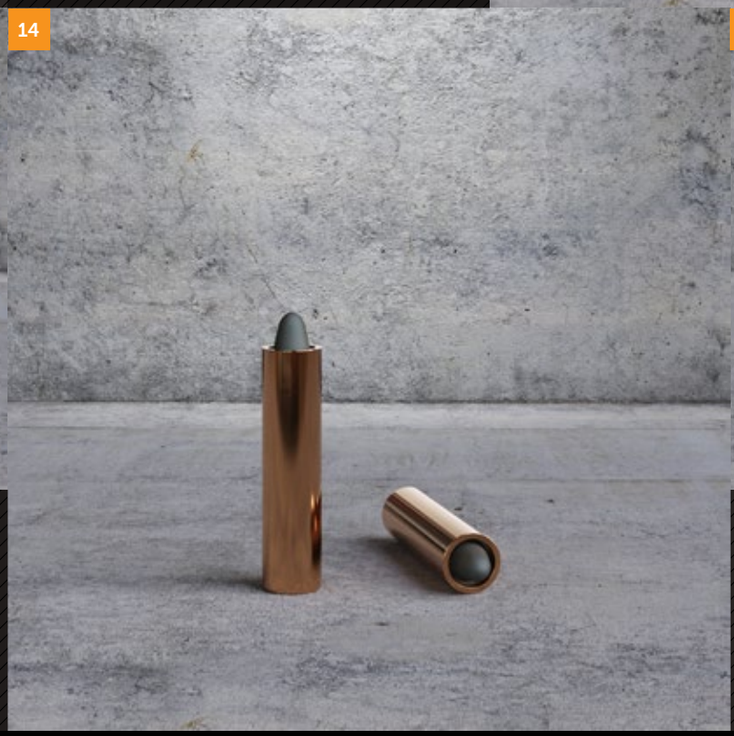


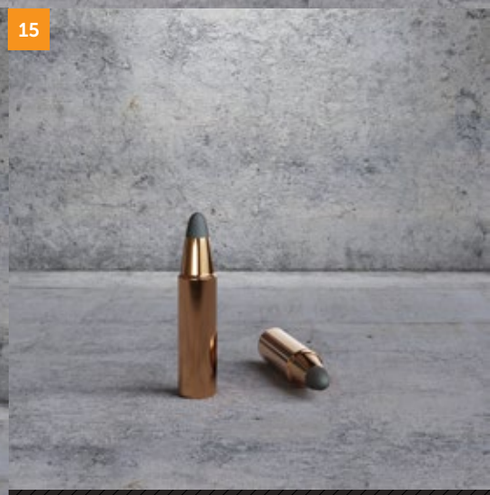
10.–11. Draw





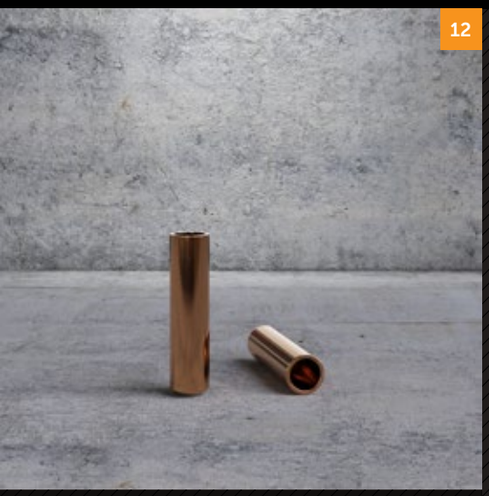
13. Lead core
14. Core completion



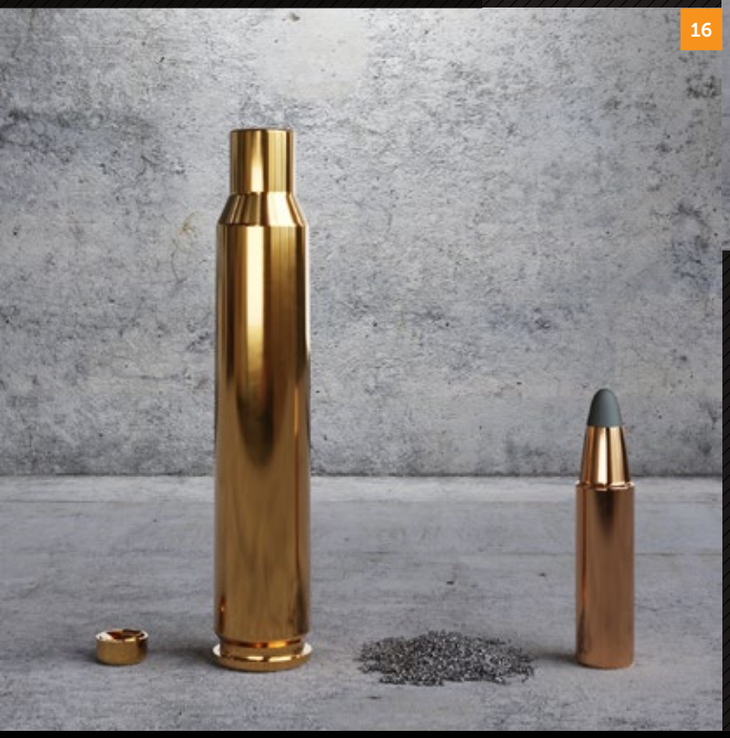


15. Core pressing

RIFLE CARTRIDGE PRODUCTION PR



12. Cutting



16. Completion of all parts
17. The final product

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