

*Sellier & Bellot* 





# Sellier & Bellot game



In 1775 Charles Joseph, the Prince of Auersperg, and his wife, Maria Josepha, the Countess of Trautson, decided to create a manorial deer hunting park on the land which is currently the site of Sellier & Bellot.

Fallow deer, roe deer and later pheasants were kept in the park. White and black swans spent the winters in a small wooden building near the pond. Vlasim was a gathering place for the nobility in the autumn. Aristocratic guests including Crown Prince Rudolf, the son of Franz Josef I, attended the organized hunts.

Dramatic changes in government took place after the end of the World War 1. The estate fell into the hands of the State Administration as the result of a newly implemented confiscation law. On June 17<sup>th</sup>, 1925

the State Land Office in agreement with the Ministry of Education handed a large part of the estate back to the Auerspergs.

The hunting park was destroyed by a tornado in 1929 and Prince Auersperg decided to sell it along with an adjoining 112 hectares as a result of the destruction. Sellier & Bellot then purchased the property to build a new factory. On February 22, 1933 the State Land Fund approved the sale of the entire hunting park to the Sellier & Bellot Company.

Mouflon were raised on the property for a short time in the 1980's.

Today 51 red deer and 28 fallow deer live on 73 hectares of Sellier & Bellot property. These herds are managed to ensure a healthy population. Sellier



# preserve



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Sellier & Bellot staff and business partners occasionally harvest animals for hunting and ballistic testing purposes.

#### Significant trophies:

deer	222.71 p. CIC (2015)	fallow deer	204.28 p. CIC (2009)
	217.78 p. CIC (2002)		203.97 p. CIC (2006)
	210.98 p. CIC (2008)		194.04 p. CIC (2004)
	205.28 p. CIC (2000)		194.03 p. CIC (2004)
	203.87 p. CIC (2005)		189.63 p. CIC (1999)
mouflon	208.52 p. CIC (1997)		



# Lead free ammo -

The next generation lead free bullet.



*exergy*



Coming in 2016.



lead free



# - the new trends

## NEW ZNC line

/ 9 mm / .357 Magnum / .38 Special / .45 AUTO

- Zinc core projectile combined with S&B Non-Toxic primer results in high performance Green Training Ammunition specially designed for indoor shooting
- Eliminate airborne lead exposure
- Reliable function with all weapon models
- Minimized risk of ricochet



## NEW HS line

/ 9 mm Luger / .40 AUTO / .45 AUTO

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





# Pistol and revolver ammunition

S&B's extensive line of pistol and revolver ammunition is engineered with high performance and reliability in mind. We use Boxer primed brass cases with patented priming mixtures to meet either standard or non-toxic requirements. NEROXIN primers provide reliable performance in our standard ammunition while our NONTOX primers meet all industry standard requirements for non-toxic/environmentally safe priming.

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## Bullet FMJ

Full Metal Jacket bullet. Standard lead core with a metallic jacket. Best for training and target shooting applications.



## Bullet JHP

Jacketed Hollow Point bullet. Standard 2 piece bullet construction designed for reliable feeding and function in a wide variety of firearms. An excellent defensive projectile.



## Bullet LFN

Solid lead bullet with a light polymer coating that reduces lead residue in the barrel. Flat nose bullet profile ensures safe, reliable function in tubular magazines.



## Bullet LRN

Solid lead bullet with a light polymer coating that reduces lead residue in the barrel. Accurate general purpose bullet.



## Bullet SJHP

Semi-Jacketed Hollow Point bullet. Excellent terminal performance results from the controlled expansion and high weight retention of this bullet.



## Bullet SP

Semi-Jacketed Soft Point bullet. A lead core with precisely engineered jacket results in reliable penetration and high weight retention. An excellent hunting or defensive bullet.



## Bullet WC

Traditional lead bullet in the classic wadcutter profile. Wadcutter loads are extremely accurate and produce clean, easy to score target penetration.



## Used primers

5.3 mm Boxer, Large Pistol primers for cal.:  
4.4 mm Boxer, Small Pistol primers for cal.:

.45 AUTO, .45 GAP, .44 REM. MAG., .45 COLT  
all other pistol and revolver cartridges



# Pistol ammunition 9mm

## .9mm BROWNING COURT .380 AUTO

FMJ  
92 grs / 6.0 g  
 $V_0$  291 m.s<sup>-1</sup> /  $E_0$  254 J

## 9mm LUGER 9mm PARA / 9x19

FMJ  
115 grs / 7.5 g  
 $V_0$  390 m.s<sup>-1</sup> /  $E_0$  570 J

## 9mm LUGER 9mm PARA / 9x19

JHP  
115 grs / 7.5 g  
 $V_0$  377 m.s<sup>-1</sup> /  $E_0$  533 J

## 9mm LUGER SUBSONIC 9x19

FMJ  
140 grs / 9.0 g  
 $V_0$  305 m.s<sup>-1</sup> /  $E_0$  419 J

## 9mm LUGER 9mm PARA / 9x19

FMJ  
124 grs / 8.0 g  
 $V_0$  360 m.s<sup>-1</sup> /  $E_0$  518 J

## 9mm LUGER 9mm PARA / 9x19

JHP  
124 grs / 8.0 g  
 $V_0$  366 m.s<sup>-1</sup> /  $E_0$  536 J

## 9mm LUGER 9mm PARA / 9x19

SP  
124 grs / 8.0 g  
 $V_0$  355 m.s<sup>-1</sup> /  $E_0$  504 J

## 9mm LUGER 9mm PARA / 9x19

SP  
100 grs / 6.5 g  
 $V_0$  428 m.s<sup>-1</sup> /  $E_0$  595 J

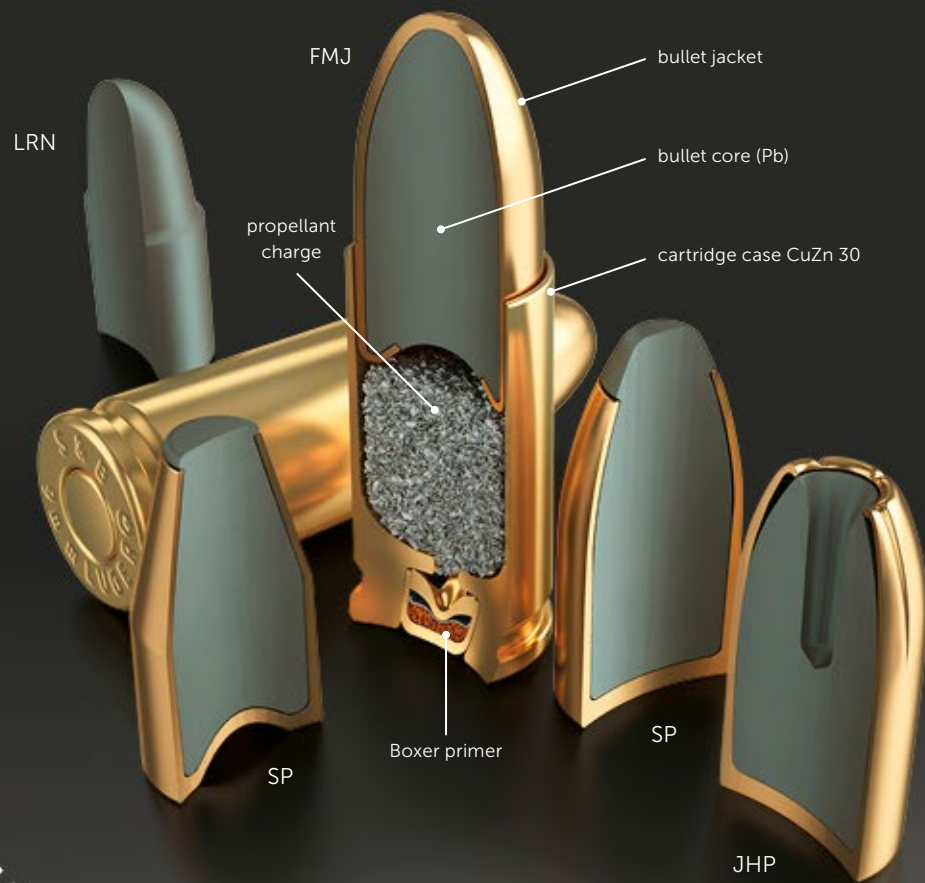
## 9mm LUGER SUBSONIC 9x19

FMJ  
150 grs / 9.7 g  
 $V_0$  305 m.s<sup>-1</sup> /  $E_0$  451 J





# What's inside 9 mm Luger



**9x21**

FMJ

115 grs / 7.5 g  
 $V_0$  368 m.s<sup>-1</sup> /  $E_0$  508 J

**9x21**

SP

124 grs / 8.0 g  
 $V_0$  365 m.s<sup>-1</sup> /  $E_0$  533 J



**9x21**

FMJ

124 grs / 8.0 g  
 $V_0$  362 m.s<sup>-1</sup> /  $E_0$  524 J



**9mm MAKAROV**

FMJ

95 grs / 6.1 g  
 $V_0$  310 m.s<sup>-1</sup> /  $E_0$  293 J



# Pistol ammunition

**7.62x25 TOKAREV**  
FMJ  
85 grs / 5.5 g  
 $V_0$  566 m.s<sup>-1</sup> /  $E_0$  881 J

**.40 S&W**  
FMJ  
165 grs / 10.7 g  
 $V_0$  313 m.s<sup>-1</sup> /  $E_0$  524 J

**.40 S&W**  
FMJ  
180 grs / 11.7 g  
 $V_0$  295 m.s<sup>-1</sup> /  $E_0$  509 J

**10 mm AUTO**  
FMJ  
180 grs / 11.9 g  
 $V_0$  355 m.s<sup>-1</sup> /  $E_0$  737 J

**7.65 BROWNING  
.32 AUTO**  
FMJ  
73 grs / 4.75 g  
 $V_0$  318 m.s<sup>-1</sup> /  $E_0$  240 J

**.357 SIG**  
FMJ  
140 grs / 9.0 g  
 $V_0$  412 m.s<sup>-1</sup> /  $E_0$  764 J

**.40 S&W**  
JHP  
180 grs / 11.7 g  
 $V_0$  297 m.s<sup>-1</sup> /  $E_0$  516 J

**.45 AUTO  
.45 ACP**  
FMJ  
230 grs / 14.9 g  
 $V_0$  260 m.s<sup>-1</sup> /  $E_0$  504 J



**6.35 BROWNING  
.25 AUTO**  
FMJ  
50 grs / 3.3 g  
 $V_0$  228 m.s<sup>-1</sup> /  $E_0$  86 J

**.45 AUTO  
.45 ACP**  
JHP  
230 grs / 14.9 g  
 $V_0$  271 m.s<sup>-1</sup> /  $E_0$  547 J

**.45 G.A.P.**  
FMJ  
230 grs / 14.9 g  
 $V_0$  246 m.s<sup>-1</sup> /  $E_0$  451 J



**.38 SPECIAL**

FMJ  
158 grs / 10.25 g  
 $V_0$  271 m.s<sup>-1</sup> /  $E_0$  376 J

**.38 SPECIAL**

LFN  
158 grs / 10.25 g  
 $V_0$  286 m.s<sup>-1</sup> /  $E_0$  419 J

**.32 S&W LONG**

LRN  
100 grs / 6.5 g  
 $V_0$  270 m.s<sup>-1</sup> /  $E_0$  237 J

**.38 SPECIAL**

LRN  
158 grs / 10.25 g  
 $V_0$  304 m.s<sup>-1</sup> /  $E_0$  474 J



**.32 S&W LONG**

WC  
100 grs / 6.5 g  
 $V_0$  224 m.s<sup>-1</sup> /  $E_0$  163 J

**.38 SPECIAL**

SP  
158 grs / 10.25 g  
 $V_0$  271 m.s<sup>-1</sup> /  $E_0$  376 J

**.38 SPECIAL**

WC  
148 grs / 9.6 g  
 $V_0$  213 m.s<sup>-1</sup> /  $E_0$  218 J

Revolver ammunition



# Revolver ammunition

## .357 MAGNUM

FMJ  
158 grs / 10.25 g  
 $V_0$  385 m.s<sup>-1</sup> /  $E_0$  760 J

## .357 MAGNUM

SP  
158 grs / 10.25 g  
 $V_0$  385 m.s<sup>-1</sup> /  $E_0$  760 J

## .44 REM. MAG.

SP  
240 grs / 15.55 g  
 $V_0$  390 m.s<sup>-1</sup> /  $E_0$  1183 J

## .45 COLT

FMJ  
230 grs / 14.9 g  
 $V_0$  251 m.s<sup>-1</sup> /  $E_0$  469 J

## .45 COLT

LFN  
200 grs / 12.9 g  
 $V_0$  261 m.s<sup>-1</sup> /  $E_0$  441 J

## .357 MAGNUM

SJHP  
158 grs / 10.25 g  
 $V_0$  405 m.s<sup>-1</sup> /  $E_0$  841 J

## .357 MAGNUM

LFN  
158 grs / 10.25 g  
 $V_0$  343 m.s<sup>-1</sup> /  $E_0$  603 J







**.410x2 1/2" Self Defence**

DUAL PELLET LOAD  
 15 pcs BB BUCK  
 1 pcs 000 BUCK

**.410x3" Self Defence**

DUAL PELLET LOAD  
 15 pcs BB BUCK  
 2 pcs 000 BUCK



**.45 COLT**

JHP

230 grs / 14.9 g  
 $V_0$  253 m.s<sup>-1</sup> /  $E_0$  477 J

**.45 COLT**

LFN

250 grs / 16.2 g  
 $V_0$  216 m.s<sup>-1</sup> /  $E_0$  378 J



# Revolver shotgun shells





# Pistol and revolver NONTOX ammunition

9mm LUGER NONTOX  
9mm PARA NONTOX  
9x19 NONTOX

SP

100 grs / 6.50 g  
 $V_0$  428 m.s<sup>-1</sup> /  $E_0$  595 J

9x21 NONTOX

TFMJ

115 grs / 7.50 g  
 $V_0$  368 m.s<sup>-1</sup> /  $E_0$  508 J

9mm LUGER NONTOX  
9mm PARA NONTOX  
9x19 NONTOX

TFMJ

115 grs / 7.50 g  
 $V_0$  390 m.s<sup>-1</sup> /  $E_0$  570 J

9mm LUGER NONTOX  
9mm PARA NONTOX  
9x19 NONTOX

SP

124 grs / 8.00 g  
 $V_0$  355 m.s<sup>-1</sup> /  $E_0$  504 J

9x21 NONTOX

TFMJ

124 grs / 8.00 g  
 $V_0$  362 m.s<sup>-1</sup> /  $E_0$  524 J



.357 SIG NONTOX

TFMJ

140 grs / 9.0 g  
 $V_0$  412 m.s<sup>-1</sup> /  $E_0$  764 J

9mm LUGER NONTOX  
9mm PARA NONTOX  
9x19 NONTOX

TFMJ

124 grs / 8.00 g  
 $V_0$  360 m.s<sup>-1</sup> /  $E_0$  518 J

9mm LUGER NONTOX  
9mm PARA NONTOX  
9x19 NONTOX

JHP

115 grs / 7.50 g  
 $V_0$  377 m.s<sup>-1</sup> /  $E_0$  533 J



# TFMJ

TFMJ refers to the Total Full Metal Jacket bullet design used in our NONTOX cartridges. This is a closed base bullet with a lead core. The design limits airborne lead contamination while delivering accurate, reliable function in a wide variety of firearms.



## .38 SPECIAL NONTOX

TFMJ

158 grs / 10.25 g  
 $V_0$  266 m.s<sup>-1</sup> /  $E_0$  363 J

## .357 MAGNUM NONTOX

SP

158 grs / 10.25 g  
 $V_0$  385 m.s<sup>-1</sup> /  $E_0$  760 J

## .45 APC NONTOX

TFMJ

230 grs / 14.90 g  
 $V_0$  236 m.s<sup>-1</sup> /  $E_0$  515 J

## .38 SPECIAL NONTOX

SP

158 grs / 10.25 g  
 $V_0$  266 m.s<sup>-1</sup> /  $E_0$  363 J

## .40 S&W NONTOX

TFMJ

180 grs / 11.70 g  
 $V_0$  295 m.s<sup>-1</sup> /  $E_0$  509 J



## .357 MAGNUM NONTOX

TFMJ

158 grs / 10.25 g  
 $V_0$  385 m.s<sup>-1</sup> /  $E_0$  760 J

## Why NONTOX cartridges?

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

## Once fired brass



9mm LUGER



9mm LUGER  
NONTOX



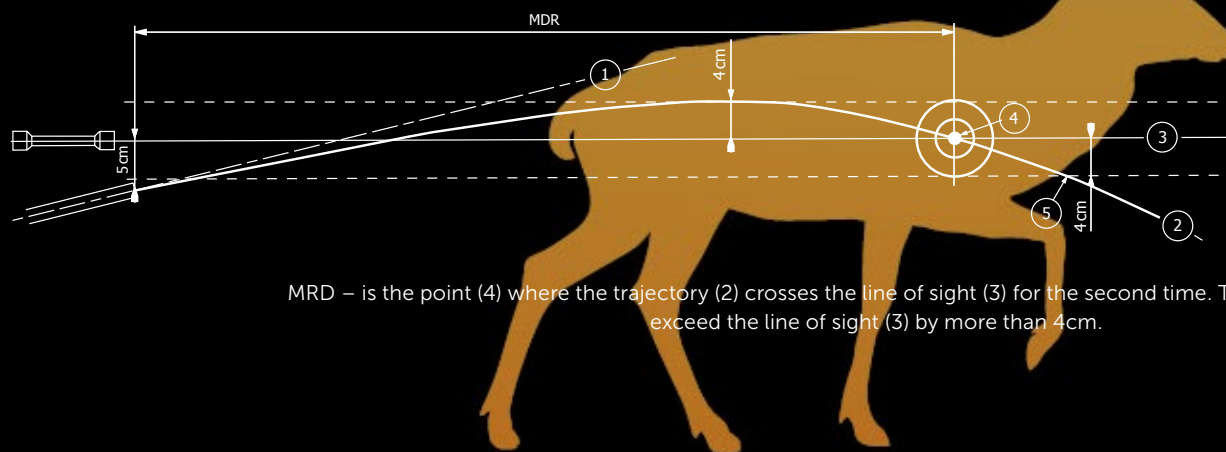


# Rifle cartridges

Sellier & Bellot offers an extensive selection of hunting and target-type loads in 37 standard and Metric calibers. Brass cases and reliable Boxer primers are used in all loads. A complete selection of bullets from Nosler, Hornady and Sierra in addition to our own S&B designs are loaded for reliable performance in the hunting field or on the target range.

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## MRD – the most recommended distance



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 zone of line of sight

MRD – 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.





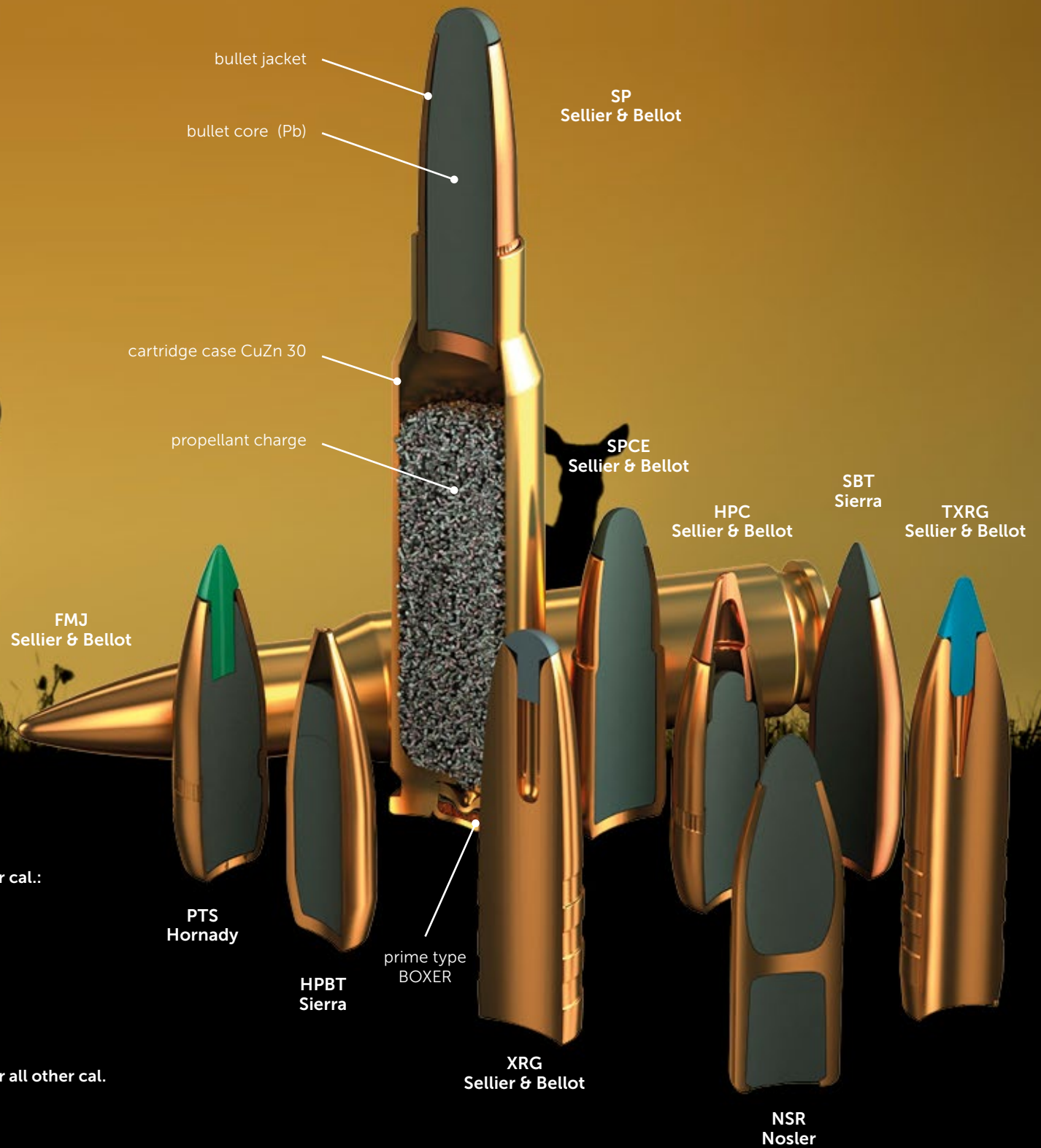
Cartridge case with groove



Cartridge case with rim (R)



Cartridge case with bearing ring (belted case)



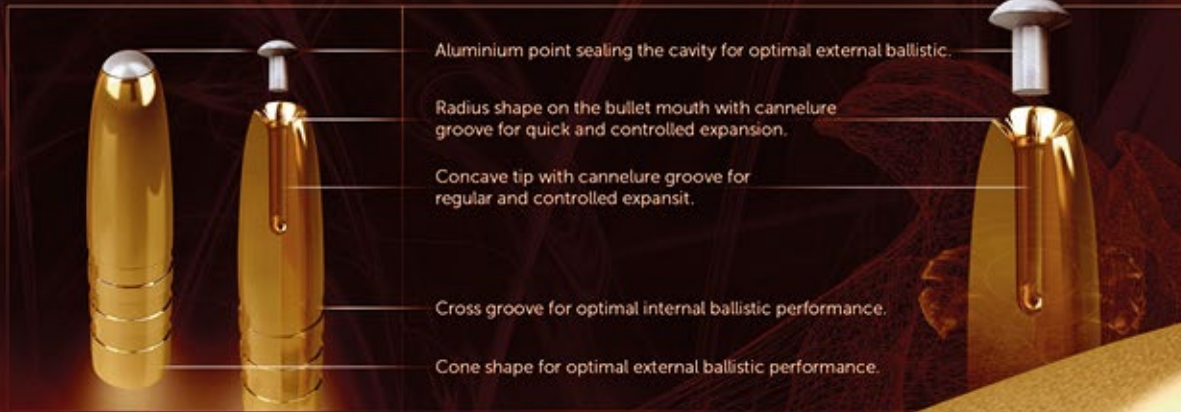
## Used primers

### 4.4 Small Rifle primers BOXER for cal.:

17 HORNET  
204 RUGER  
22 HORNET  
222 REMINGTON  
223 REMINGTON  
30 CARBINE  
5.6x50 R MAG.

### 5.3 Large Rifle primers BOXER for all other cal.





Lead-free bullet.





**7×64**

XRG

158 grs / 10.20 g  
 $V_0$  797 m.s<sup>-1</sup> /  $E_0$  3240 J  
Bullet No. 2968

**7 mm REM. MAG.**

XRG

158 grs / 10.20 g  
 $V_0$  866 m.s<sup>-1</sup> /  $E_0$  3825 J  
Bullet No. 2968

**30-06 SPRING.**

XRG

180 grs / 11.60 g  
 $V_0$  809 m.s<sup>-1</sup> /  $E_0$  3829 J  
Bullet No. 2970

**8×57 JS**

XRG

196 grs / 12.70 g  
 $V_0$  770 m.s<sup>-1</sup> /  $E_0$  3768 J  
Bullet No. 2977

**9.3×74 R**

XRG

250 grs / 16.20 g  
 $V_0$  746 m.s<sup>-1</sup> /  $E_0$  4503 J  
Bullet No. 2979

**308 WIN.**

XRG

180 grs / 11.70 g  
 $V_0$  795 m.s<sup>-1</sup> /  $E_0$  3697 J  
Bullet No. 2970

**9.3×62**

XRG

250 grs / 16.20 g  
 $V_0$  745 m.s<sup>-1</sup> /  $E_0$  4496 J  
Bullet No. 2979



**7×57 R**

XRG

158 grs / 10.20 g  
 $V_0$  736 m.s<sup>-1</sup> /  $E_0$  2736 J  
Bullet No. 2968

**7×57**

XRG

158 grs / 10.20 g  
 $V_0$  757 m.s<sup>-1</sup> /  $E_0$  2923 J  
Bullet No. 2968

**7×65 R**

XRG

158 grs / 10.20 g  
 $V_0$  797 m.s<sup>-1</sup> /  $E_0$  3240 J  
Bullet No. 2968

**8×57 JRS**

XRG

196 grs / 12.70 g  
 $V_0$  730 m.s<sup>-1</sup> /  $E_0$  3386 J  
Bullet No. 2977

**300 WIN. MAG.**

XRG

180 grs / 11.70 g  
 $V_0$  887 m.s<sup>-1</sup> /  $E_0$  4603 J  
Bullet No. 2970



The world standard for dependable bullet performance on a variety big game

### Nosler's Intergral Partition

Supports the expanded mushroom and retains the rear lead-alloy core. The enclosed rear core retains more than two-thirds the original bullet weight for deep penetration.

### Special Crimp Locks

Add strength to resist deformation under the pressure of heavy magnums.

### Dual-Core Construction

Nosler's special lead-alloy, dual-core provides superior mushrooming characteristics at virtually all impact velocities.

### Fully Tapered Copper Alloy Jacket

Raptures instantly at the thin jacket mouth, yet the gradual thickening along the bullet's axis controls expansion and curls the jacket uniformly outward at high or low velocities.

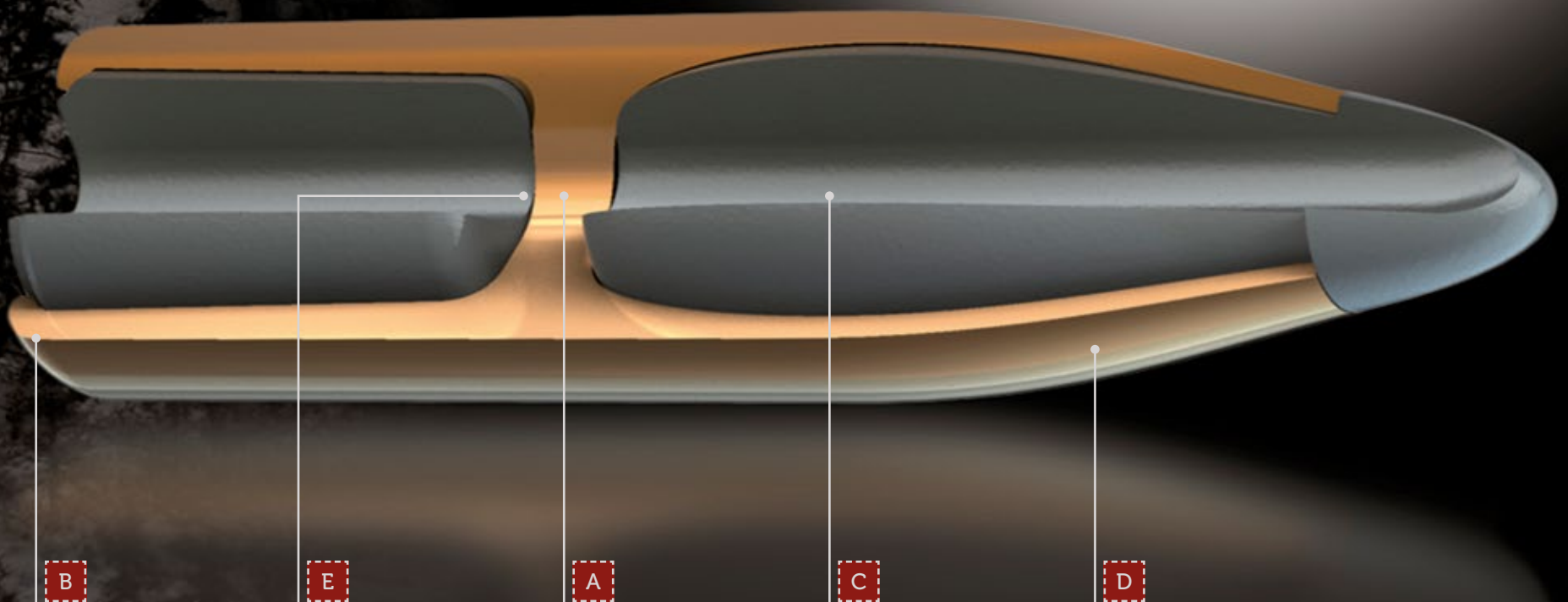
### Nosler Engineering

Every Partition bullet in the Nosler® line delivers optimum length, weight and ogive design for maximum in-flight and terminal performance.

### Impact Velocities for Reliable Expansion

Minimum: 550 m/s  
Maximum: Unlimited

# Nosler® PARTITION®





**6.5x57**

NSR  
140 grs / 9.1 g  
 $V_0$  770 m.s<sup>-1</sup> /  $E_0$  2698 J  
Bullet No. 16321

**270 WIN.**

NSR  
130 grs / 8.40 g  
 $V_0$  854 m.s<sup>-1</sup> /  $E_0$  3063 J  
Bullet No. 16322

**7x65 R**

NSR  
175 grs / 11.35 g  
 $V_0$  768 m.s<sup>-1</sup> /  $E_0$  3333 J  
Bullet No. 35645

**8x57 JS**

NSR  
200 grs / 12.96 g  
 $V_0$  764 m.s<sup>-1</sup> /  $E_0$  3765 J  
Bullet No. 35277

**8x57 JRS**

NSR  
200 grs / 12.96 g  
 $V_0$  708 m.s<sup>-1</sup> /  $E_0$  3233 J  
Bullet No. 35277

**6.5x55 SE**

NSR  
140 grs / 9.10 g  
 $V_0$  748 m.s<sup>-1</sup> /  $E_0$  2546 J  
Bullet No. 16321

**243 WIN.**

NSR  
100 grs / 6.50 g  
 $V_0$  865 m.s<sup>-1</sup> /  $E_0$  2432 J  
Bullet No. 35642

**7x64**

NSR  
175 grs / 11.35 g  
 $V_0$  783 m.s<sup>-1</sup> /  $E_0$  3464 J  
Bullet No. 35645

**30-06 SPRING.**

NSR  
180 grs / 11.70 g  
 $V_0$  784 m.s<sup>-1</sup> /  $E_0$  3596 J  
Bullet No. 16331

**9.3x62**

NSR  
286 grs / 18.50 g  
 $V_0$  693 m.s<sup>-1</sup> /  $E_0$  4442 J  
Bullet No. 44760

**7x57 R**

NSR  
175 grs / 11.35 g  
 $V_0$  704 m.s<sup>-1</sup> /  $E_0$  2800 J  
Bullet No. 35645

**7x57**

NSR  
175 grs / 11.35 g  
 $V_0$  734 m.s<sup>-1</sup> /  $E_0$  3044 J  
Bullet No. 35645

**308 WIN.**

NSR  
180 grs / 11.70 g  
 $V_0$  745 m.s<sup>-1</sup> /  $E_0$  3247 J  
Bullet No. 16331

**7 mm REM. MAG.**

NSR  
175 grs / 11.35 g  
 $V_0$  883 m.s<sup>-1</sup> /  $E_0$  4406 J  
Bullet No. 35645

**300 WIN. MAG.**

NSR  
180 grs / 11.70 g  
 $V_0$  875 m.s<sup>-1</sup> /  $E_0$  4479 J  
Bullet No. 16331



# Rifle hunting ammunition with SP bullets

# SP

Semi-Jacketed Soft Point bullet. A classic soft lead core bullet combining reliable expansion on a variety of game with exceptional accuracy and dependable performance.



## 22-250 REM.

55 grs / 3.6 g  
 $V_0$  942 m.s<sup>-1</sup> /  $E_0$  1597 J



## 222 REM.

50 grs / 3.24 g  
 $V_0$  970 m.s<sup>-1</sup> /  $E_0$  1524 J



## 22 HORNET

45 grs / 2.9 g  
 $V_0$  715 m.s<sup>-1</sup> /  $E_0$  741 J



## 223 REM.

55 grs / 3.6 g  
 $V_0$  1006 m.s<sup>-1</sup> /  $E_0$  1822 J





**243 WIN.**

100 grs / 6.5 g  
 $V_0$  870 m.s<sup>-1</sup> /  $E_0$  2460 J



**6.5x55 SE**

140 grs / 9.1 g  
 $V_0$  793 m.s<sup>-1</sup> /  $E_0$  2830 J



**6.5x55 SE**

156 grs / 10.1 g  
 $V_0$  723 m.s<sup>-1</sup> /  $E_0$  2640 J



**6.5x57**

131 grs / 8.5 g  
 $V_0$  775 m.s<sup>-1</sup> /  $E_0$  2553 J



**5.6x50 R MAGNUM**

50 grs / 3.24 g  
 $V_0$  1030 m.s<sup>-1</sup> /  $E_0$  1786 J



**6.5x52 R.**

117 grs / 7.6 g  
 $V_0$  650 m.s<sup>-1</sup> /  $E_0$  1606 J



NEW

**6.5x57 R**

131 grs / 8.5 g  
 $V_0$  775 m.s<sup>-1</sup> /  $E_0$  2553 J



**5.6x52 R**

70 grs / 4.6 g  
 $V_0$  872 m.s<sup>-1</sup> /  $E_0$  1749 J



**6.5x55 SE**

131 grs / 8.5 g  
 $V_0$  793 m.s<sup>-1</sup> /  $E_0$  2673 J



**270 WIN.**

130 grs / 8.4 g  
 $V_0$  930 m.s<sup>-1</sup> /  $E_0$  3633 J



**270 WIN.**

150 grs / 9.7 g  
 $V_0$  805 m.s<sup>-1</sup> /  $E_0$  3143 J





**7x57 R**  
 140 grs / 9.1 g  
 $V_0$  808 m.s<sup>-1</sup> /  $E_0$  2938 J




**7x64**  
 140 grs / 9.1 g  
 $V_0$  856 m.s<sup>-1</sup> /  $E_0$  3297 J



**303 BRITISH**  
 150 grs / 9.7 g  
 $V_0$  809 m.s<sup>-1</sup> /  $E_0$  3174 J




**7x57**  
 140 grs / 9.1 g  
 $V_0$  808 m.s<sup>-1</sup> /  $E_0$  2938 J




**7x65 R**  
 140 grs / 9.1 g  
 $V_0$  883 m.s<sup>-1</sup> /  $E_0$  3509 J




**30 CARBINE**  
 110 grs / 7.1 g  
 $V_0$  617 m.s<sup>-1</sup> /  $E_0$  1351 J




**7mm REM. MAG**  
 140 grs / 9.1 g  
 $V_0$  958 m.s<sup>-1</sup> /  $E_0$  4130 J



**30-30 WIN.**  
 150 grs / 9.7 g  
 $V_0$  728 m.s<sup>-1</sup> /  $E_0$  2570 J





# Rifle hunting ammunition with SP bullets

**9.3x74 R**

285 grs / 18.5 g  
 $V_0$  705 m.s<sup>-1</sup> /  $E_0$  4597 J



**7.62x54 R**

180 grs / 11.7 g  
 $V_0$  800 m.s<sup>-1</sup> /  $E_0$  3744 J



**8x57 JR**

196 grs / 12.7 g  
 $V_0$  710 m.s<sup>-1</sup> /  $E_0$  3201 J



**30-06 SPRING.**

180 grs / 11.7 g  
 $V_0$  825 m.s<sup>-1</sup> /  $E_0$  3982 J



**9.3x72 R**

193 grs / 12.5 g  
 $V_0$  611 m.s<sup>-1</sup> /  $E_0$  2333 J



**308 WIN.**

180 grs / 11.7 g  
 $V_0$  748 m.s<sup>-1</sup> /  $E_0$  3273 J



**7.62x39**

123 grs / 8.0 g  
 $V_0$  743 m.s<sup>-1</sup> /  $E_0$  2208 J



**9.3x62**

285 grs / 18.5 g  
 $V_0$  695 m.s<sup>-1</sup> /  $E_0$  4468 J





**7x57 R**

173 grs / 11.2 g  
 $V_0$  725 m.s<sup>-1</sup> /  $E_0$  2944 J



**7mm REM. MAG.**

173 grs / 11.2 g  
 $V_0$  848 m.s<sup>-1</sup> /  $E_0$  4027 J



**30-06 SPRING.**

180 grs / 11.7 g  
 $V_0$  805 m.s<sup>-1</sup> /  $E_0$  3791 J



**30-06 SPRING.**

150 grs / 9.7 g  
 $V_0$  900 m.s<sup>-1</sup> /  $E_0$  3929 J



**300 WIN. MAG.**

180 grs / 11.7 g  
 $V_0$  895 m.s<sup>-1</sup> /  $E_0$  4686 J



**7x57**

173 grs / 11.2 g  
 $V_0$  725 m.s<sup>-1</sup> /  $E_0$  2944 J



**7x64**

173 grs / 11.2 g  
 $V_0$  770 m.s<sup>-1</sup> /  $E_0$  3320 J



**7x65 R**

173 grs / 11.2 g  
 $V_0$  795 m.s<sup>-1</sup> /  $E_0$  3539 J



**308 WIN.**

150 grs / 9.7 g  
 $V_0$  850 m.s<sup>-1</sup> /  $E_0$  3504 J





# Rifle hunting ammunition with SPCE bullets

## 8x57 JS

196 grs / 12.7 g  
 $V_0$  790 m.s<sup>-1</sup> /  $E_0$  3963 J



## 8x64 S

196 grs / 12.7 g  
 $V_0$  810 m.s<sup>-1</sup> /  $E_0$  4166 J



## 8x57 JRS

196 grs / 12.7 g  
 $V_0$  726 m.s<sup>-1</sup> /  $E_0$  3347 J



## 308 WIN.

180 grs / 11.7 g  
 $V_0$  765 m.s<sup>-1</sup> /  $E_0$  3424 J



# SPCE

Semi-Jacketed Soft Point Cutting Edge bullet. The cutting edge locks the jacket and lead core together while also producing a cleaning entrance wound and distinct, easy to follow blood trails. Appropriate for light to medium game.



# Rifle hunting ammunition with HPC bullets

# HPC

Hollow Point Capped bullet. The expanding hollow point bullet has excellent ballistic characteristics and damage resistant copper tip. Dramatic expansion and deep penetration make it an effective heavy game bullet.

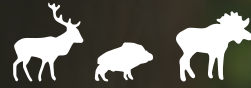


**7x57 R**

158 grs / 10.2 g  
 $V_0$  757 m.s<sup>-1</sup> /  $E_0$  2923 J

**7x65 R**

158 grs / 10.2 g  
 $V_0$  819 m.s<sup>-1</sup> /  $E_0$  3421 J

**7x57**

158 grs / 10.2 g  
 $V_0$  757 m.s<sup>-1</sup> /  $E_0$  2923 J

**7x64**

158 grs / 10.2 g  
 $V_0$  804 m.s<sup>-1</sup> /  $E_0$  3297 J

**308 WIN.**

180 grs / 11.7 g  
 $V_0$  762 m.s<sup>-1</sup> /  $E_0$  3397 J

**8x64 S**

196 grs / 12.7 g  
 $V_0$  815 m.s<sup>-1</sup> /  $E_0$  4218 J

**30-06 SPRING.**

180 grs / 11.7 g  
 $V_0$  820 m.s<sup>-1</sup> /  $E_0$  3934 J

**8x57 JS**

196 grs / 12.7 g  
 $V_0$  783 m.s<sup>-1</sup> /  $E_0$  3893 J

**8x57 JRS**

196 grs / 12.7 g  
 $V_0$  758 m.s<sup>-1</sup> /  $E_0$  3648 J





# Rifle hunting ammunition with FMJ bullets

## 5.6x50 R MAGNUM

50 grs / 3.24 g  
 $V_0$  1030 m.s<sup>-1</sup> /  $E_0$  1719 J



## 6.5x55 SE

140 grs / 9.1 g  
 $V_0$  787 m.s<sup>-1</sup> /  $E_0$  2818 J



## 22-250 REM.

55 grs / 3.6 g  
 $V_0$  947 m.s<sup>-1</sup> /  $E_0$  1614 J



## 243 WIN.

80 grs / 5.2 g  
 $V_0$  985 m.s<sup>-1</sup> /  $E_0$  2523 J



## 223 REM.

55 grs / 3.6 g  
 $V_0$  1006 m.s<sup>-1</sup> /  $E_0$  1822 J



## 22 HORNET

45 grs / 2.9 g  
 $V_0$  715 m.s<sup>-1</sup> /  $E_0$  741 J



## 222 REM.

50 grs / 3.24 g  
 $V_0$  970 m.s<sup>-1</sup> /  $E_0$  1524 J



## 5.6x52 R

70 grs / 4.6 g  
 $V_0$  872 m.s<sup>-1</sup> /  $E_0$  1749 J



## 6.8 mm REM. SPC

110 grs / 7.1 g  
 $V_0$  779 m.s<sup>-1</sup> /  $E_0$  2154 J





**7x57**

140 grs / 9.1 g  
 $V_0$  808 m.s<sup>-1</sup> /  $E_0$  2938 J



**7x57 R**

140 grs / 9.1 g  
 $V_0$  808 m.s<sup>-1</sup> /  $E_0$  2938 J



**308 WIN.**

180 grs / 11.7 g  
 $V_0$  735 m.s<sup>-1</sup> /  $E_0$  3160 J



**7x64**

140 grs / 9.1 g  
 $V_0$  845 m.s<sup>-1</sup> /  $E_0$  3213 J



**7x65 R**

140 grs / 9.1 g  
 $V_0$  871 m.s<sup>-1</sup> /  $E_0$  3414 J



**308 WIN.**

147 grs / 9.55 g  
 $V_0$  850 m.s<sup>-1</sup> /  $E_0$  3450 J





# Rifle hunting ammunition with FMJ bullets

7.62x54 R

180 grs / 11.7 g  
 $V_0$  786 m.s<sup>-1</sup> /  $E_0$  3614 J



30 CARBINE

110 grs / 7.1 g  
 $V_0$  617 m.s<sup>-1</sup> /  $E_0$  1351 J



30-06 SPRING.

147 grs / 9.55 g  
 $V_0$  890 m.s<sup>-1</sup> /  $E_0$  3782 J



30-06 SPRING.

180 grs / 11.7 g  
 $V_0$  815 m.s<sup>-1</sup> /  $E_0$  3886 J



7.62x39

123 grs / 8.0 g  
 $V_0$  738 m.s<sup>-1</sup> /  $E_0$  2179 J



8x57 JS

196 grs / 12.7 g  
 $V_0$  780 m.s<sup>-1</sup> /  $E_0$  3863 J



303 BRITISH

180 grs / 11.7 g  
 $V_0$  755 m.s<sup>-1</sup> /  $E_0$  3335 J







# FMJ

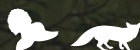
Full Metal Jacket bullet with a lead core and metallic jacket. Loaded in a wide range of calibers for use in specific hunting applications in addition to numerous competitive and target shooting disciplines.



# Rifle hunting ammunition with PTS bullets – Hornady

## 204 RUGER

32 grs / 2.1 g  
 $V_0$  1258 m.s<sup>-1</sup> /  $E_0$  1661 J



## 7x57

162 grs / 10.5 g  
 $V_0$  765 m.s<sup>-1</sup> /  $E_0$  3072 J



## 270 WIN.

130 grs / 8.4 g  
 $V_0$  884 m.s<sup>-1</sup> /  $E_0$  3282 J



## 7x64

162 grs / 10.5 g  
 $V_0$  800 m.s<sup>-1</sup> /  $E_0$  3360 J



## 7x57 R

162 grs / 10.5 g  
 $V_0$  727 m.s<sup>-1</sup> /  $E_0$  2775 J



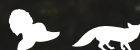
## 7x65 R

162 grs / 10.5 g  
 $V_0$  815 m.s<sup>-1</sup> /  $E_0$  3487 J



## 17 HORNET V-MAX™

20 grs / 1.3 g  
 $V_0$  1112 m.s<sup>-1</sup> /  $E_0$  798 J



## 243 WIN.

95 grs / 6.1 g  
 $V_0$  885 m.s<sup>-1</sup> /  $E_0$  2389 J



## 6.8mm REM. SPC

110 grs / 7.1 g  
 $V_0$  777 m.s<sup>-1</sup> /  $E_0$  2143 J



## 270 WIN.

150 grs / 9.7 g  
 $V_0$  810 m.s<sup>-1</sup> /  $E_0$  3182 J





**30-06 SPRING.**

180 grs / 11.7 g  
 $V_0$  790 m.s<sup>-1</sup> /  $E_0$  3651 J



**300 WIN. MAG.**

180 grs / 11.7 g  
 $V_0$  895 m.s<sup>-1</sup> /  $E_0$  4686 J



**7mm REM. MAG.**

162 grs / 10.5 g  
 $V_0$  842 m.s<sup>-1</sup> /  $E_0$  3722 J



**308 WIN.**

180 grs / 11.7 g  
 $V_0$  765 m.s<sup>-1</sup> /  $E_0$  3424 J



# PTS

The PTS bullet was designed and manufactured by Hornady, the largest independent producer of high quality hunting bullets in the world. PTS bullets contain a premium polymer tip for rapid expansion and energy transfer. Optimum shape enables the bullet to achieve higher speed and trajectory stability.



# Rifle hunting ammunition with SBT bullets

## 6.5x55 SE

140 grs / 9.1 g  
 $V_0$  723 m.s<sup>-1</sup> /  $E_0$  2378 J



## 7x57

175 grs / 11.35 g  
 $V_0$  735 m.s<sup>-1</sup> /  $E_0$  3066 J



## 7x57 R

175 grs / 11.35 g  
 $V_0$  735 m.s<sup>-1</sup> /  $E_0$  3066 J



## 7x64

175 grs / 11.35 g  
 $V_0$  769 m.s<sup>-1</sup> /  $E_0$  3356 J



## 22-250 REM.

55 grs / 3.6 g  
 $V_0$  1122 m.s<sup>-1</sup> /  $E_0$  2266 J



## 7x65 R

175 grs / 11.35 g  
 $V_0$  790 m.s<sup>-1</sup> /  $E_0$  3542 J





**308 WIN.**

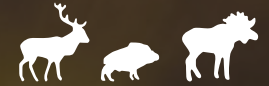
180 grs / 11.7 g  
 $V_0$  754 m.s<sup>-1</sup> /  $E_0$  3327 J

**30-06 SPRING.**

180 grs / 11.7 g  
 $V_0$  786 m.s<sup>-1</sup> /  $E_0$  3614 J

**8x57 JRS**

220 grs / 14.26 g  
 $V_0$  697 m.s<sup>-1</sup> /  $E_0$  3464 J

**300 WIN. MAG.**

200 grs / 12.96 g  
 $V_0$  835 m.s<sup>-1</sup> /  $E_0$  4518 J

**8x57 JS**

220 grs / 14.26 g  
 $V_0$  733 m.s<sup>-1</sup> /  $E_0$  3831 J

**7mm REM. MAG.**

175 grs / 11.35 g  
 $V_0$  852 m.s<sup>-1</sup> /  $E_0$  4120 J



# SBT

SBT GameKing® – Spitzer Boat Tail bullets are designed for hunting at long range, where their extra margin of performance can make the critical difference. GameKing® bullets feature a boat tail design to bring hunters the ballistic advantage of match bullets. The streamlined tapered base of the boat tail bullet greatly reduces drag, which results in higher retained velocity, greater striking energy, a flatter trajectory and less wind drift than comparable flat base bullets.



# Rifle sporting ammunition – TARGET

## 6.5x55 SE

142 grs / 9.2 g  
 $V_0$  752 m.s<sup>-1</sup> /  $E_0$  2601 J

Twist 8.5"



## 308 WIN.

175 grs / 11.35 g  
 $V_0$  800 m.s<sup>-1</sup> /  $E_0$  3616 J

Twist 11"–12"



## 300 WIN. MAG.

168 grs / 10.9 g  
 $V_0$  920 m.s<sup>-1</sup> /  $E_0$  4613 J

Twist 10"–11"



## 223 REM.

69 grs / 4.5 g  
 $V_0$  920 m.s<sup>-1</sup> /  $E_0$  1904 J

Twist 7"–10"



## 308 WIN.

168 grs / 10.9 g  
 $V_0$  801 m.s<sup>-1</sup> /  $E_0$  3497 J

Twist 11"–12"



## 308 WIN.

180 grs / 11.7 g  
 $V_0$  800 m.s<sup>-1</sup> /  $E_0$  3744 J

Twist 10"–11"



## 30-06 SPRING.

168 grs / 10.9 g  
 $V_0$  849 m.s<sup>-1</sup> /  $E_0$  3928 J

Twist 10"



## 223 REM.

52 grs / 3.36 g  
 $V_0$  1040 m.s<sup>-1</sup> /  $E_0$  1817 J

Twist 12"



NEW

## 6.8 mm REM. SPC

115 grs / 7.5 g  
 $V_0$  755 m.s<sup>-1</sup> /  $E_0$  2138 J

Twist 10"



## 222 REM.

52 grs / 3.36 g  
 $V_0$  966 m.s<sup>-1</sup> /  $E_0$  1568 J

Twist 14"



## 223 REM.

77 grs / 5.0 g  
 $V_0$  861 m.s<sup>-1</sup> /  $E_0$  1853 J

Twist 7"–8"



## 308 WIN.

190 grs / 12.3 g  
 $V_0$  800 m.s<sup>-1</sup> /  $E_0$  3936 J

Twist 10"–12"



## 308 WIN. SUBSONIC

200 grs / 12.96 g  
 COMING SOON



## 300 WIN. MAG.

190 grs / 12.3 g  
 $V_0$  823 m.s<sup>-1</sup> /  $E_0$  4166 J

Twist 9.5"





# TARGET

MatchKing Hollow Point Boat-Tail bullets are used for the finest in accuracy and consistency.

## 300 WIN. MAG.

220 grs / 14.3 g  
 $V_0$  815 m.s<sup>-1</sup> /  $E_0$  4749 J

Twist 9.5"



## 7.62x54 R\*

174 grs / 11.3 g  
 $V_0$  788 m.s<sup>-1</sup> /  $E_0$  3508 J

Twist 11"



\*Suitable for Dragunov sniper rifles



## 338 LAPUA MAGNUM

300 grs / 19.4 g  
 $V_0$  842 m.s<sup>-1</sup> /  $E_0$  6889 J

Twist 11"



## 338 LAPUA MAGNUM

250 grs / 16.3 g  
 $V_0$  878 m.s<sup>-1</sup> /  $E_0$  6237 J

Twist 11"





# Rifle sporting ammunition TRAINING – FMJ bullets

## 300 AAC Blackout SUBSONIC

200 grs / 13.0 g  
 $V_0$  323 m.s<sup>-1</sup> /  $E_0$  678 J  
50 pcs per box  
8 boxes per case

## 300 AAC Blackout

124 grs / 8.0 g  
 $V_0$  660 m.s<sup>-1</sup> /  $E_0$  1742 J

50 pcs per box  
8 boxes per case

## 303 BRITISH

180 grs / 11.7 g  
 $V_0$  755 m.s<sup>-1</sup> /  $E_0$  3335 J

50 pcs per box  
8 boxes per case

## 308 WIN.

124 grs / 8.0 g  
 $V_0$  905 m.s<sup>-1</sup> /  $E_0$  3276 J

50 pcs per box  
8 boxes per case

## 30-06 SPRING.

124 grs / 8.0 g  
 $V_0$  944 m.s<sup>-1</sup> /  $E_0$  3565 J

50 pcs per box  
8 boxes per case

## 243 WIN.

80 grs / 5.2 g  
 $V_0$  985 m.s<sup>-1</sup> /  $E_0$  2523 J

50 pcs per box  
8 boxes per case

## 6.5x55 SE

124 grs / 8.0 g  
 $V_0$  834 m.s<sup>-1</sup> /  $E_0$  2782 J

50 pcs per box  
8 boxes per case

## 7.62x39

123 grs / 8.0 g  
 $V_0$  738 m.s<sup>-1</sup> /  $E_0$  2179 J

50 pcs per box  
8 boxes per case

NEW

## 300 AAC Blackout

147 grs / 9.55 g  
 $V_0$  663 m.s<sup>-1</sup> /  $E_0$  1913 J

50 pcs per box  
8 boxes per case

## 223 REM.

55 grs / 3.6 g  
 $V_0$  1006 m.s<sup>-1</sup> /  $E_0$  1822 J

140 pcs per box  
8 boxes per case

## 6.5x55 SE

140 grs / 9.1 g  
 $V_0$  787 m.s<sup>-1</sup> /  $E_0$  2818 J

50 pcs per box  
8 boxes per case

## 30 CARBINE

110 grs / 7.1 g  
 $V_0$  607 m.s<sup>-1</sup> /  $E_0$  1308 J

50 pcs per box  
8 boxes per case

## 308 WIN.

147 grs / 9.55 g  
 $V_0$  856 m.s<sup>-1</sup> /  $E_0$  3499 J

50 pcs per box  
8 boxes per case

## 308 WIN.

180 grs / 11.7 g  
 $V_0$  735 m.s<sup>-1</sup> /  $E_0$  3160 J

50 pcs per box  
8 boxes per case



**30-06 SPRING.**

147 grs / 9.55 g  
 $V_0$  890 m.s<sup>-1</sup> /  $E_0$  3782 J

50 pcs per box  
8 boxes per case



**8 x 57 JS**

196 grs / 12.7 g  
 $V_0$  780 m.s<sup>-1</sup> /  $E_0$  3863 J

50 pcs per box  
8 boxes per case

**30-06 SPRING.**

180 grs / 11.7 g  
 $V_0$  815 m.s<sup>-1</sup> /  $E_0$  3886 J

50 pcs per box  
8 boxes per case

**7.62x54 R**

180 grs / 11.7 g  
 $V_0$  786 m.s<sup>-1</sup> /  $E_0$  3614 J

50 pcs per box  
8 boxes per case

# TRAINING

TRAINING cartridges are available in bulk packing.  
For technical details see section of hunting rifle  
ammunition with FMJ bullets.















# Shotgun shells

S&B offers a wide variety of shotshells for sporting, hunting and special applications. Loaded in 12ga, 16ga, 20ga, 28ga and 410. PLASTIC and paper loads are available in a complete range of shot sizes and materials. W209 primers used for all gauges.

*Sellier & Bellot* 

Identification number X	Diameter of shots in mm		
	Small Pb shots	Buck Pb shots	Steel shots
0	2.00	4.5	2.79
1	2.25	5.1	3.05
2	2.40	5.6	3.30
3	2.50	6.1	3.56
4	2.75	6.2	3.81

	(mm)	2.0	2.25	2.4	2.5	2.75	3.0	3.25	3.5	3.75	4.0
SMALL SHOT SIZES											
	(inch)	.08	.09	.095	.10	.11	.12	.13	.14	.15	.16
AMERICAN, GERMAN, FRENCH, SPANISH		9	8	7 <sup>1/2</sup>	7	6	5	4	3	2	1
ENGLISH, NORWEGIAN		9	8	7	6 <sup>1/2</sup>	5	4	3	2	1	BB
ITALIAN		9	8	7 <sup>1/2</sup>	7	6	5/4	3	2	1	0





	(mm)	4.5	5.16	5.65	6.09	6.22	6.83	7.62	8.13	8.43	9.14	9.65
BUCK SHOT SIZES												
	(inch)	.18	.20	.22	.24	.25	.27	.30	.32	.33	.36	.38
AMERICAN		BB	6	5	No.4	No.3	No.2	No.1	No.0	No.00	No.000	No.000
ENGLISH		A	AAA	AAAA	SSSG	SSSG	SSG	Spec Sg	SG	SG	LG	LG
ITALIAN		4/0	5/0	6/0		7/0	8/0	9/0	10/0	11/0	12/0	12/0

Identification number X	Diameter of shots in mm		
	Small Pb shots	Buck Pb shots	Steel shots
5	3.00	6.8	4.06
6	3.25	7.6	4.32
7	3.50	8.1	4.57
8	3.75	8.4	4.83
9	4.00	9.1	5.08



# Hunting shotgun shells – plastic

## SB CORONA

Gauge: 12 x 70\*  
Wad: PLASTIC  
Load: 28 g

## SB FORTUNA

Gauge: 12 x 70\*  
Wad: PLASTIC  
Load: 36 g

## SB VEGA

Gauge: 12 x 70\*  
Wad: PLASTIC  
Load: 32 g

## SB VEGA

Gauge: 16 x 70\*  
Wad: PLASTIC  
Load: 30 g

## SB PHEASANT

Gauge: 12 x 67.5\*  
Wad: FELT  
Load: 28 g

## SB VEGA

Gauge: 20 x 70\*  
Wad: PLASTIC  
Load: 26 g



## SB CORONA

Gauge: 12 x 70\*  
Wad: PLASTIC  
Load: 32 g

## SB VEGA

Gauge: 12 x 70\*  
Wad: PLASTIC  
Load: 30 g

## SB VEGA

Gauge: 12 x 70\*  
Wad: PLASTIC  
Load: 34 g

## SB MARK III

Gauge: 12 x 70\*  
Wad: FELT  
Load: 32 g



Shotgun shells of this design are produced in various types of fillings, diameter of shots and weight of mass load; they are used for hunting and sporting purposes.

**BLACK FLASH**

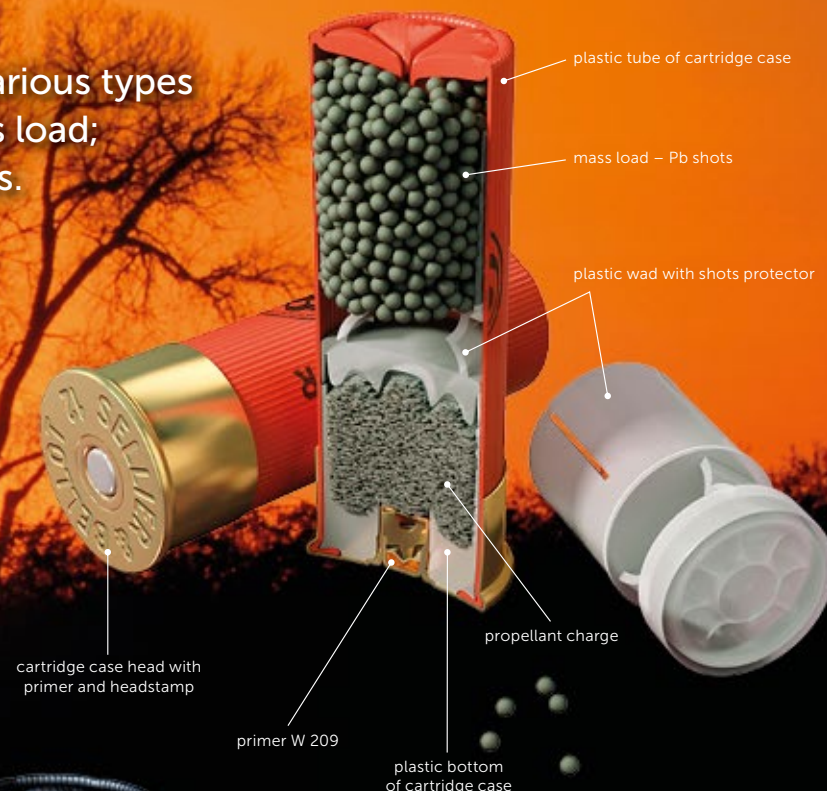
Gauge: 16 x 67.5\*  
Wad: FELT  
Load: 32 g

**SB FAVORIT  
SMALL SHOTS**

Gauge: 20 x 67.5  
Wad: FELT  
Load: 28 g

**SB LORD**

Gauge: 12 x 70\*  
Wad: FELT  
Load: 36 g



**SB EXTRA**

Gauge: 12 x 70\*  
Wad: PLASTIC  
Load: 32 g

**SB EXTRA**

Gauge: 12 x 70\*  
Wad: PLASTIC  
Load: 36 g

**SB JUNIOR  
BUCK SHOT**

Gauge: 16 x 67.5  
Wad: FELT  
Load: 32 g

**SB JUNIOR  
SMALL SHOTS**

Gauge: 16 x 67.5  
Wad: PLASTIC  
Load: 32 g

**SB FAVORIT  
BUCK SHOT**

Gauge: 20 x 67.5  
Wad: FELT  
Load: 28 g

**SB EXTRA**

Gauge: 12 x 70\*  
Wad: PLASTIC  
Load: 34 g



# Hunting shotgun shells – Magnum and Buck shot plastic

# Hunting shotgun shells

## SB PLASTIK BUCK SHOT

Gauge: 12 x 67.5  
Wad: FELT  
Load: 32 g

## SB BUCK SHOT

Gauge: 12 x 70  
Wad: FELT  
Load: 36 g

## SB MAGNUM 42.5

Gauge: 12 x 76\*  
Wad: PLASTIC  
Load: 42.5 g

## SB BUCK SHOT

Gauge: 12 x 70  
Wad: FELT  
Load: 32 g

## SB BUCK SHOT

Gauge: 12 x 76  
Wad: FELT  
Load: 53 g

## SB BUCK SHOT

Gauge: 20 x 76  
Wad: FELT  
Load: 33.5 g

## SB PLASTIK SMALL SHOTS

Gauge: 12 x 67.5  
Wad: FELT  
Load: 32 g

## SB MAGNUM 42.5

Gauge: 12 x 70\*  
Wad: PLASTIC  
Load: 42.5 g

## SB MAGNUM 53

Gauge: 12 x 76\*  
Wad: FELT  
Load: 53 g

## SB MAGNUM

Gauge: 20 x 76\*  
Wad: FELT  
Load: 33.5 g

## 410 MAGNUM

Gauge: 410 x 76  
Wad: PLASTIC  
Load: 19.5 g





# – plastic small calibers

# Lead free shots loads

## RED

Gauge: 28 x 70\*  
Wad: PLASTIC  
Load: 21 g

## RED

Gauge: 410 x 63.5\*  
Wad: PLASTIC  
Load: 12.4 g

## STEEL SHOTS 28

Gauge: 12 x 70\*  
Wad: PLASTIC  
Load: 28 g

## STEEL SHOTS MAGNUM 39

Gauge: 12 x 76\*  
Wad: PLASTIC  
Load: 39 g

## STEEL SHOTS 26

Gauge: 16 x 67.5\*  
Wad: PLASTIC  
Load: 26 g

## RED

Gauge: 410 x 76\*  
Wad: PLASTIC  
Load: 16 g

## ECO GAME

Gauge: 12 x 70\*  
Wad: PLASTIC  
Load: 32 g

## STEEL SHOTS MAGNUM 36

Gauge: 12 x 76\*  
Wad: PLASTIC  
Load: 36 g

## STEEL SHOTS 24

Gauge: 20 x 67.5\*  
Wad: PLASTIC  
Load: 24 g

## RED

Gauge: 28 x 70\*  
Wad: PLASTIC  
Load: 28 g

## ECO GAME

Plastic base and wad with shots protector made of special BIO material combined with paper casing ensure total decomposition of shell case and components in wild nature.

## STEEL SHOTS 32

Gauge: 12 x 70\*  
Wad: PLASTIC  
Load: 32 g

## ZINC SHOTS 30

Gauge: 12 x 70\*  
Wad: PLASTIC  
Load: 30 g

## ZINC SHOTS 21

Gauge: 16 x 70\*  
Wad: PLASTIC  
Load: 21 g



**RED  
PARTRIDGE**

Gauge: 12x70\*  
Wad: FELT  
Load: 32 g

**RED AND BLACK  
SMALL SHOTS**

Gauge: 12x70\*  
Wad: FELT  
Load: 35.4 g

**RED AND BLACK  
SMALL SHOTS**

Gauge: 12x65  
Wad: FELT  
Load: 33.5 g

**RED AND BLACK  
BUCK SHOT**

Gauge: 12x65  
Wad: FELT  
Load: 33.5 g



**RED  
HARE**

Gauge: 12x70\*  
Wad: FELT  
Load: 32 g

**RED AND BLACK  
BUCK SHOT**

Gauge: 12x70  
Wad: FELT  
Load: 35.4 g

**RED AND BLACK  
STREUKREUZ**

Gauge: 12x70\*  
Wad: FELT+PLASTIC CROSS  
Load: 34 g

# Hunting shotgun shells – paper

paper tar disc of propellant

cartridge case head with primer and headstamp

primer W 209



**RED AND BLACK  
SMALL SHOTS**

Gauge: 16x70\*  
Wad: FELT  
Load: 30.1 g

**RED AND BLACK  
BUCK SHOT**

Gauge: 16x70  
Wad: FELT  
Load: 30.1 g

**RED AND BLACK  
SMALL SHOTS**

Gauge: 20x70\*  
Wad: FELT  
Load: 27 g

**RED AND BLACK  
SMALL SHOTS**

Gauge: 20x65  
Wad: FELT  
Load: 26.5 g



**RED AND BLACK  
SMALL SHOTS**

Gauge: 16x65  
Wad: FELT  
Load: 28.4 g

**RED AND BLACK  
BUCK SHOT**

Gauge: 16x65  
Wad: FELT  
Load: 28.4 g

**RED AND BLACK  
BUCK SHOT**

Gauge: 20x70  
Wad: FELT  
Load: 27 g

**RED AND BLACK  
BUCK SHOT**

Gauge: 20x65  
Wad: FELT  
Load: 26.5 g



mass load - Pb shots

paper tube of  
cartridge case

felt wad

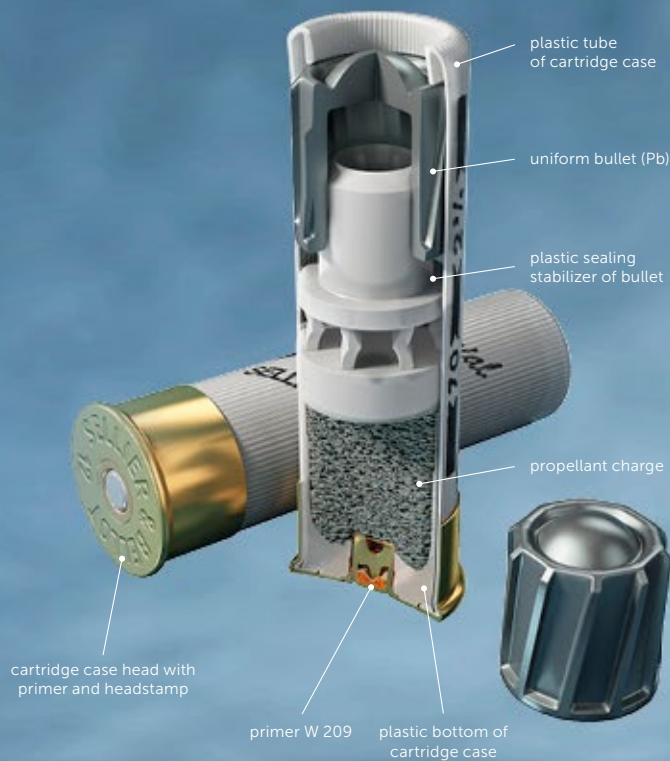
propellant  
charge

plastic bottom of cartridge case

Traditional shotgun shells with paper casing and felt wad are suitable for universal hunting purposes; design of these cartridges represents the classic shot cartridge filling.



# Cartridges with uniform bullet for shotguns – plastic



Shotgun shells filled with a uniform bullet with stabilizer of SB own design, shotgun shells filled with bullets of various weights are determined for top sport shooting competitions.

**RUBBER SHOTS**  
Gauge: 12x67.5  
Load: 12 shots

**SB SPECIAL SLUG**  
Gauge: 12x70  
Load: 32 g

**SB SPECIAL SLUG**  
Gauge: 16x67.5  
Load: 27 g



**RUBBER SHOTS**  
Gauge: 12x67.5  
Load: 9 shots

**RUBBER SHOTS**  
Gauge: 12x67.5  
Load: 15 shots



**SB SPECIAL SLUG MAGNUM**  
Gauge: 12x76  
Load: 32 g

**SB SPECIAL SLUG MAGNUM**  
Gauge: 20x76  
Load: 21 g

**SB SPECIAL SLUG**  
Gauge: 12x67.5  
Load: 32 g

**SB SPECIAL SLUG**  
Gauge: 20x67.5  
Load: 21 g



# Special shotgun shells

## RUBBER SPHERICAL BALL

Gauge: 12×67.5  
Load: 1 ball

Less lethal ammunition with rubber shots for special applications

## RUBBER SPHERICAL BALL

Gauge: 12×67.5  
Load: 2 balls



## SB PRACTICAL SLUG

Gauge: 12×63.5  
Load: 32 g

## SB SPECIAL SLUG WHITELINE

Gauge: 12×67.5  
Load: 28 g



## SB SPECIAL SLUG SPORT

Gauge: 12×70  
Load: 28 g

## SB SPECIAL SLUG SPORT

Gauge: 12×67.5  
Load: 28 g

## SB SPECIAL SLUG WHITELINE

Gauge: 12×70  
Load: 28 g

## SB PRACTICAL SLUG WHITELINE

Gauge: 12×63.5  
Load: 32 g

Cartridges with uniform bullet for sporting purposes – plastic



# Sporting shotgun shells

Various loads of sporting shotgun shells of this design are determined mainly for top sport shooting competitions. Used by Czech national shooting team.

## SKEET 28 SPORT

Gauge: 12 x 70\*  
Wad: PLASTIC  
Load: 28 g

## TRAP 28 SUPER

Gauge: 12 x 70\*  
Wad: PLASTIC  
Load: 28 g

## SB PRACTICAL SPORT

Gauge: 12 x 63.5\*  
Wad: PLASTIC  
Load: 32 g

## SKEET 28 SUPER

Gauge: 12 x 70\*  
Wad: PLASTIC  
Load: 28 g

## SUPER PARCOURS

Gauge: 12 x 70\*  
Wad: PLASTIC  
Load: 28 g

## TRAP 24 SUPER

Gauge: 12 x 70\*  
Wad: PLASTIC  
Load: 24 g

## SKEET 24 SPORT

Gauge: 12 x 70\*  
Wad: PLASTIC  
Load: 24 g

## SKEET 24 SUPER

Gauge: 12 x 70\*  
Wad: PLASTIC  
Load: 24 g

## TRAP 24 SPORT

Gauge: 12 x 70\*  
Wad: PLASTIC  
Load: 24 g

## EXTRA SPORTER

Gauge: 12 x 70\*  
Wad: PLASTIC  
Load: 26 g

## TRAP 28 SPORT

Gauge: 12 x 70\*  
Wad: PLASTIC  
Load: 28 g

## PARCOURS

Gauge: 12 x 70\*  
Wad: PLASTIC  
Load: 28 g



# Sporting steel shotgun shells

## TRAP 24 SPORT

Gauge: 16 x 70\*  
Wad: PLASTIC  
Load: 24 g

## SKEET 24 SPORT

Gauge: 16 x 70\*  
Wad: PLASTIC  
Load: 24 g

## SKEET 24 STEEL SHOT

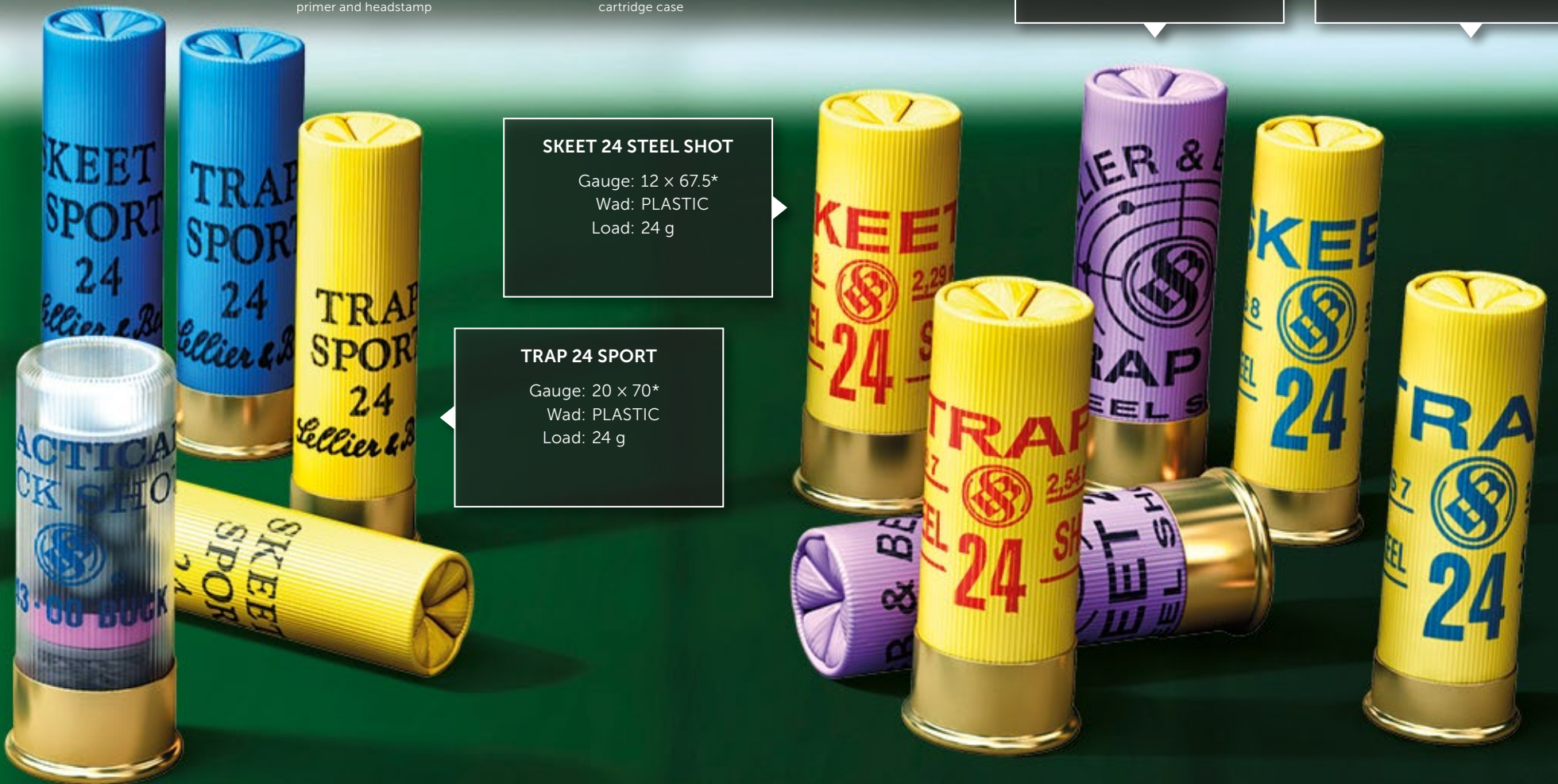
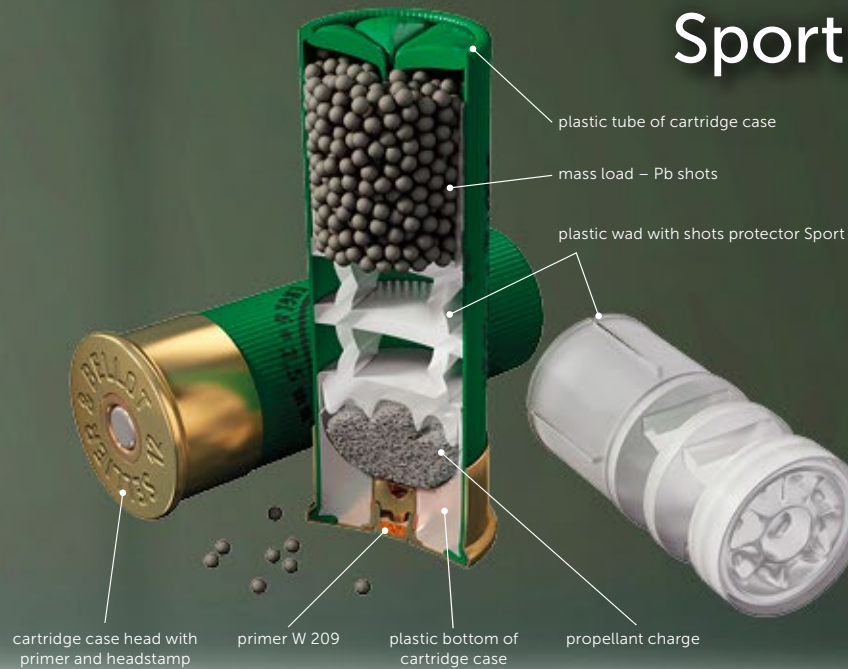
Gauge: 20 x 67.5\*  
Wad: PLASTIC  
Load: 24 g

## TRAP 28 STEEL SHOT

Gauge: 12 x 70\*  
Wad: PLASTIC  
Load: 28 g

## TRAP 24 STEEL SHOT

Gauge: 20 x 67.5\*  
Wad: PLASTIC  
Load: 24 g



## SKEET 24 STEEL SHOT

Gauge: 12 x 67.5\*  
Wad: PLASTIC  
Load: 24 g

## TRAP 24 SPORT

Gauge: 20 x 70\*  
Wad: PLASTIC  
Load: 24 g

## SB PRACTICAL BUCK SHOT

Gauge: 12 x 63.5  
Wad: FELT  
Load: 32 g

## SKEET 24 SPORT

Gauge: 20 x 70\*  
Wad: PLASTIC  
Load: 24 g

## TRAP 24 STEEL SHOT

Gauge: 12 x 67.5\*  
Wad: PLASTIC  
Load: 24 g

## SKEET 28 STEEL SHOT

Gauge: 12 x 70\*  
Wad: PLASTIC  
Load: 28 g



# Rimfire cartridges

S&B rimfire cartridges are offered in both hunting and sporting designs. Rimfire cartridges are also offered in Flobert 4 mm Randz Curte, 6 mm Flobert ME Short and 22 Flobert CB for use in specific indoor ranges.





Sellier & Bellot 

.22 LR





# Rimfire ammunition

## .22 WMR FMJ

40 grs / 2.6 g  
 $V_5$  560 m.s<sup>-1</sup> /  $E_5$  407 J

## .22 LR SB CLUB

40 grs / 2.56 g  
 $V_5$  325 m.s<sup>-1</sup> /  $E_5$  135 J

## .22 LR SUBSONIC

40 grs / 2.6 g  
 $V_5$  310 m.s<sup>-1</sup> /  $E_5$  123 J

## .22 LR SUBSONIC HP

40 grs / 2.6 g  
 $V_5$  310 m.s<sup>-1</sup> /  $E_5$  123 J

## .22 LR HV

36 grs / 2.33 g  
 $V_5$  395 m.s<sup>-1</sup> /  $E_5$  182 J

## .22 LR SB STANDARD

40 grs / 2.56 g  
 $V_5$  325 m.s<sup>-1</sup> /  $E_5$  135 J



## .22 WMR

45 grs / 2.92 g  
 $V_5$  475 m.s<sup>-1</sup> /  $E_5$  329 J

## .22 WMR JHP

40 grs / 2.6 g  
 $V_5$  560 m.s<sup>-1</sup> /  $E_5$  407 J

## .22 LR HV HP

38 grs / 2.45 g  
 $V_5$  375 m.s<sup>-1</sup> /  $E_5$  172 J

## .22 SHORT

28.1 grs / 1.8 g  
 $V_5$  280 m.s<sup>-1</sup> /  $E_5$  70 J



# Centerfire caps

9×20  
9 mm JAT

9 mm P.A. Blank

Start Cap  
9 mm × 17  
380 START

Caps for industrial cattle and hog slaughtering applications. Case is crimped and lacquer sealed for reliable performance. Caps are packed loose in conveniently sized boxes.

4 mm RANDZ CURTE

7.7 grs / 0.5 g  
 $V_s$  280 m.s<sup>-1</sup> /  $E_s$  20 J

6 mm ME FLOBERT COURT

16 grs / 1.05 g  
 $V_s$  250 m.s<sup>-1</sup> /  $E_s$  33 J

## Nail cartridges

.22 FLOBERT CB

18 grs / 1.15 g  
 $V_s$  260 m.s<sup>-1</sup> /  $E_s$  39 J

6 mm START SB

5.6/16



PISTOL AND REVOLVER AMMUNITION																					
Product No.	Type	Bullet		Cartridge		Velocity (m/s)			Energy (J)			Barrel length (mm)	Distance (m)			Pcs per box	Boxes per case	Weight per case			
		Weight	Material of jacket	Weight	Length	V <sub>0</sub>	V <sub>25</sub>	V <sub>50</sub>	E <sub>0</sub>	E <sub>25</sub>	E <sub>50</sub>		Points of impact (cm)					kg	lb		
		grs	g	g	mm								12.5	25	50						
<b>6.35 BROWNING / .25 AUTO</b>	V320022	FMJ	50	3.3	CuZn 30	5.2	23	228	218	208	86	78	72	65	0.5	0	-10.9	50	40	11.5	25.5
<b>7.62x25 TOKAREV</b>	V310112	FMJ	85	5.5	CuZn 30	10.6	35	566	515	469	881	730	605	287	-0.7	0	-0.3	50	30	18	40
<b>7.65 BROWNING / .32 AUTO</b>	V310232	FMJ	73	4.75	CuZn 30	7.6	25	318	303	289	240	218	198	100	-0.2	0	-4.7	50	40	16	35.5
<b>.32 S &amp; W LONG</b>	V311302	WC	100	6.5	-	10.35	24.3	224	204	186	163	135	112	150	0.7	0	-12.7	50	20	11	24.5
	V311312	LRN	100	6.5	-	10.35	32.2	270	265	260	237	228	220	150	0.1	0	-6.7	50	30	17	38
<b>9mm BROWNING COURT .380 AUTO</b>	V310332	FMJ	92	6	CuZn 30	9.4	24.9	291	279	267	254	234	215	90	-0.1	0	-5.9	50	20	10.5	23
<b>9mm MAKAROV</b>	V310912	FMJ	95	6.1	CuZn 30	10	25	310	296	282	293	267	243	115	-0.2	0	-5	50	20	11	24.5
<b>9mm LUGER 9mm PARA 9x19</b>	V310452	FMJ	115	7.5	CuZn 30	12.15	29.69	390	357	327	570	478	400	150	-0.4	0	-2.8	50	20	12.5	28
	V310492	FMJ	124	8	CuZn 30	12.65	29.69	360	329	301	518	433	362	150	-0.4	0	-3.7	50	20	13	29
	V310422	JHP	115	7.5	CuZn 10	12.25	26.9	377	343	313	533	442	367	150	-0.4	0	-3.2	50	20	12.5	28
	V311932	JHP	124	8	CuZn 10	12.65	26.9	366	333	304	536	445	369	150	-0.4	0	-3.5	50	20	13	29
	V310652	SP	100	6.5	CuZn 10	11	27.5	428	388	351	595	489	400	150	-0.5	0	-2.1	50	20	12	26.5
V310592	SP	124	8	CuZn 10	12.65	28.4	355	325	298	504	423	354	150	-0.3	0	-3.8	50	20	13	29	
<b>9mm LUGER SUBSONIC 9x19</b>	V310552	FMJ	140	9	CuZn 30	13.3	27	305	295	286	419	392	367	150	-0.1	0	-5	50	20	14	31
	V311662	FMJ	150	9.7	CuZn 30	14.1	27	305	298	290	451	431	408	150	-0.2	0	-4.9	50	20	15	33
<b>9x21</b>	V310722	FMJ	115	7.5	CuZn 30	12.17	29.75	368	354	341	508	470	435	125	-0.4	0	-2.9	50	20	13	29
	V310732	FMJ	124	8	CuZn 30	12.67	29.75	362	338	315	524	457	397	125	-0.4	0	3.4	50	20	13.5	30
	V310742	SP	124	8	CuZn10	12.67	29.75	365	341	318	533	465	404	125	-0.4	0	-3.3	50	20	13.5	30
<b>.357 SIG</b>	V311162	FMJ	140	9	CuZn 30	14.4	28.96	412	377	345	764	640	536	127	-0.5	0	-2.3	50	20	16	35.5
<b>.38 SPECIAL</b>	V311032	FMJ	158	10.25	CuZn 10/Fe	15.1	38.6	271	253	236	376	328	286	190	0.1	0	-7.6	50	20	16.5	36.5
	V311052	SP	158	10.25	CuZn 10/Fe	15.1	38.6	271	253	236	376	328	286	190	0.1	0	-7.6	50	20	16.5	36.5
	V311872	LFN	158	10.25	-	15.1	38.2	286	280	274	419	402	384	190	1	0	-7.8	50	20	16.2	35.8
	V311012	LRN	158	10.25	-	15.1	39.15	304	295	287	474	447	422	190	-0.1	0	-5	50	20	16.5	36.5
	V311002	WC	148	9.6	-	14.32	30.2	213	207	201	218	206	194	190	0.7	0	-12.3	50	24	18.5	41
<b>.357 MAGNUM</b>	V311102	FMJ	158	10.25	CuZn 10/Fe	15.7	40.39	385	363	342	760	675	600	150	-2	0	-2.7	50	20	17	37.5
	V311112	SP	158	10.25	CuZn 10/Fe	15.7	40.39	385	363	342	760	675	600	150	-2	0	-2.7	50	20	17	37.5
	V311882	LFN	158	10.25	-	15.85	40.39	343	327	312	603	548	499	150	0.7	0	-5.7	50	20	16.9	37.3
	V312032	SJHP	158	10.25	CuZn 10	15.85	40.39	405	385	366	841	760	687	150	-0.5	0	-2.1	50	20	16.9	37.3
<b>.40 S &amp; W</b>	V311202	FMJ	180	11.7	CuZn 10	16.7	28.8	295	286	277	509	479	450	102	-0.1	0	-5.5	50	20	18	40
	V311912	JHP	180	11.7	CuZn 10	16.7	28.5	297	289	281	516	489	462	102	-0.1	0	-5.4	50	20	18	40
<b>10mm AUTO</b>	V312092	FMJ	180	11.7	CuZn 10	17.25	32.0	355	336	318	737	660	592	150	-0.4	0	-3.4	50	20	18.5	40.8
<b>.44 REM. MAG.</b>	V311402	SP	240	15.55	CuZn 10	24.6	40.6	390	372	354	1183	1073	974	150	-0.5	0	-2.5	50	12	16	35.5
<b>.45 AUTO / .45 ACP</b>	V311252	FMJ	230	14.9	CuZn 10	20.85	32.35	260	252	244	504	473	444	127	0.2	0	-7.7	50	20	22.5	50
	V311892	JHP	230	14.9	CuZn 10	21.12	29.1	271	265	259	547	523	500	127	0.1	0	-6.7	50	20	22.5	50
<b>.45 G.A.P</b>	V311452	FMJ	230	14.9	CuZn 10	20.5	28.89	246	241	236	451	433	415	150	0.3	0	-8.6	50	20	21.7	48
<b>.45 COLT</b>	V311762	FMJ	230	14.9	CuZn 10	24.1	40.64	251	246	240	469	451	429	102	0.02	0	-8.2	50	12	15.5	34.1
	V311772	JHP	230	14.9	CuZn 10	24.1	40.64	253	247	241	477	455	433	102	0.2	0	-8.1	50	12	15.4	34
	V311782	LFN	200	12.9	Pb shot	22	40.3	261	255	249	441	421	402	102	0.2	0	-7.4	50	12	14.3	31.5
	V311792	LFN	250	16.2	Pb shot	25	40.3	216	211	207	378	361	347	102	0.7	0	-11.7	50	12	15.5	34
<b>9mm LUGER NONTOX 9mm PARA NONTOX 9x19 NONTOX</b>	V311552	TFMJ	115	7.5	CuZn 30	12.15	29.69	390	357	327	570	478	400	150	-0.4	0	-2.8	50	20	12.5	28
	V311562	TFMJ	124	8	CuZn 30	12.65	29.69	360	329	301	518	433	362	150	-0.4	0	-3.7	50	20	13	29
	V310542	JHP	115	7.5	CuZn 10	12.25	26.9	377	343	313	533	442	367	150	-0.4	0	-3.2	50	20	12.5	28
	V310392	SP	100	6.5	CuZn 10	11	27.5	428	388	351	595	489	400	150	-0.5	0	-2.1	50	20	12	26.5
V310602	SP	124	8	CuZn 10	12.65	28.4	355	325	298	504	423	354	150	-0.3	0	-3.8	50	20	13	29	
<b>9x21 NONTOX</b>	V311712	TFMJ	115	7.5	CuZn 30	12.17	29.75	368	354	341	508	470	435	125	-0.4	0	-2.9	50	20	13	29
	V311702	TFMJ	124	8	CuZn 30	12.67	29.75	362	338	315	524	457	397	125	-0.4	0	3.4	50	20	13.5	30
<b>.357 SIG NONTOX</b>	V311172	TFMJ	140	9	CuZn 30	14.4	28.96	412	377	345	764	640	536	127	-0.5	0	-2.3	50	20	16	35.5
<b>.38 SPECIAL NONTOX</b>	V311092	TFMJ	158	10.25	CuZn 10	15.1	38.6	266	249	232	363	317	277	190	0.2	0	-7.9	50	20	16.5	36.5
	V311082	SP	158	10.25	CuZn 10/Fe	15.1	38.6	266	249	232	363	317	277	190	0.2	0	-7.9	50	20	16.5	36.5
<b>.357 MAGNUM NONTOX</b>	V311132	TFMJ	158	10.25	CuZn 10	15.7	40.39	385	363	342	760	675	600	150	-2	0	-2.7	50	20	17	37.5
	V311122	SP	158	10.25	CuZn 10/Fe	15.7	40.39	385	363	342	760	675	600	150	-2	0	-2.7	50	20	17	37.5
<b>.40 S &amp; W NONTOX</b>	V311232	TFMJ	180	11.7	CuZn 10	16.7	28.8	295	286	277	509	479	450	102	-0.1	0	-5.5	50	20	18	40
<b>.45 ACP NONTOX</b>	V311292	TFMJ	230	14.9	CuZn 10	20.85	32.35	263	253	243	515	476	439	127	0.2	0	-7.6	50	20	22.5	50



## RIFLE HUNTING AMMUNITION

Product No.	Bullet				Cartridge				Velocity (m/s)				Energy (J)				Barrel length (cm)	Distance (m)				MRD m	Distance (m)				Ballistic coefficient	Pcs per box	Boxes per case	Weight per case	
	No.	Type	Weight		Weight g	Length mm	V <sub>0</sub>	V <sub>100</sub>	V <sub>200</sub>	V <sub>300</sub>	E <sub>0</sub>	E <sub>100</sub>	E <sub>200</sub>	E <sub>300</sub>	Points of impact (cm)				Points of impact MRD (cm)				kg	lb							
			grs	g											50	100		200	300	50	100				200	300					
<b>17 HORNET</b>	V341112	21710	V-MAX™	20	1.3	5.94	43.6	1112	924	768	638	798	550	380	262	60	-1.3	0	-6.6	-30.1	203	0.4	3.5	0.3	-19.7	0.175	20	90	12.3	27.1	
<b>.204 RUGER</b>	V332802	22004	PTS	32	2.1	10.8	57.3	1258	1109	978	862	1661	1291	1004	780	60	-1.6	0	-3	-16.4	239	-0.2	2.9	2.7	-7.8	0.272	20	50	11.5	25.5	
<b>22 HORNET</b>	V330012	2911	SP	45	2.9	7.5	43.7	715	505	357	-	741	370	184	-	60	0.9	0	-35.1	-	126	2.6	3.3	-28.5	-	0.133	20	90	14.2	31.5	
	V330002	2901	FMJ	45	2.9	7.5	43.7	715	505	357	-	741	370	184	-	60	0.9	0	-35.1	-	126	2.6	3.3	-28.5	-	0.142	20	90	14.2	31.5	
<b>222 REM.</b>	V330122	2913	SP	50	3.24	11.1	54.1	970	788	640	520	1524	1005	663	437	60	-0.9	0	-11	-46.4	177	1	3.8	-3.4	-35	0.175	20	60	14.5	32	
	V330102	2902	FMJ	50	3.24	11.1	54.1	970	849	743	650	1524	1168	894	685	60	-1.0	0	-8.7	-35.3	189	0.8	3.7	-1.4	-24.3	0.252	20	60	14.5	32	
<b>223 REM.</b>	V330212	2914	SP	55	3.6	12.6	55.6	1006	872	757	656	1822	1370	1030	775	60	-1.1	0	-8	-33.2	193	0.7	3.6	-0.8	-22.5	0.221	20	50	13	29	
	V330202*	2903	FMJ	55	3.6	12.6	56.6	1006	872	757	656	1822	1370	1030	775	60	-1.1	0	-8	-33.2	193	0.7	3.6	-0.8	-22.5	0.301	20	50	13	29	
<b>22-250 REM.</b>	V330432	2914	SP	55	3.6	16.5	59.6	942	845	759	681	1597	1286	1036	834	60	-0.1	0	-8.8	-34.7	188	0.9	3.7	-1.5	-23.7	0.219	20	25	9.5	21	
	V330422	2903	FMJ	55	3.6	16.5	59.6	947	876	810	750	1614	1381	1182	1011	60	-1.0	0	-7.8	-30.6	194	0.8	3.6	-0.7	-19.9	0.304	20	25	9.5	21	
	V330462	1365	SBT	55	3.6	16.5	59.6	1122	975	847	736	2266	1710	1290	974	60	-1.4	0	-5.4	-24.6	213	0.3	3.3	1.2	-14.7	0.229	20	25	9.5	21	
<b>5.6x50 R MAGNUM</b>	V330322	2913	SP	50	3.24	12.7	58.7	1030	847	697	573	1719	1163	787	533	60	-1.1	0	-8.8	-38.1	188	0.7	3.7	-1.5	-27.1	0.162	20	50	14	31	
	V330302	2902	FMJ	50	3.24	12.7	58.7	1030	894	776	674	1719	1296	977	736	60	-1.2	0	-7.4	-31.1	198	0.6	3.5	-0.3	-20.5	0.215	20	50	14	31	
<b>5.6x52 R</b>	V330412	2915	SP	70	4.6	14.7	63	872	753	650	562	1749	1304	973	726	60	-0.6	0	-12.4	-48.2	170	1.3	3.8	-4.7	-36.7	0.257	20	25	9	20	
	V330402	2904	FMJ	70	4.6	14.7	63	872	753	650	562	1749	1304	973	726	60	-0.6	0	-12.4	-48.2	170	1.3	3.8	-4.7	-36.7	0.262	20	25	9	20	
<b>243 WIN.</b>	V330812	2921	SP	100	6.5	19.6	67.9	870	792	721	657	2460	2040	1691	1402	60	-0.7	0	-10.7	-40	177	1.2	3.8	-3.2	-29	0.290	20	25	11.5	25.5	
	V330762*	2430	FMJ	80	5.2	19.5	67	985	864	758	666	2523	1941	1494	1153	60	-1.1	0	-8.2	-33.6	192	0.8	3.6	-1	-22.7	0.259	20	25	11	24	
	V330782	24532	PTS	95	6.1	20.1	67	885	815	751	691	2389	2026	1720	1456	60	-0.8	0	-9.8	-37.1	181	1	3.7	-2.4	-25.9	0.362	20	25	11.5	25.5	
	V340332	35642	NSR	100	6.5	20.8	67.5	865	770.6	686.5	611.6	2432	1930	1532	1216	60	-0.7	0	-11.6	-44.1	173	1.2	3.8	-4	-32.7	0.301	20	10	5.3	11.5	
<b>6.5x52 R</b>	V330552	2925	SP	117	7.6	17.8	64.5	650	527	427	346	1606	1054	691	454	60	1.1	0	-30.9	-116.6	126	2.6	3.1	-24.7	-107.3	0.224	20	25	10.1	22.5	
<b>6.5x 55 SE</b>	V330502	2923	SP	131	8.5	23	75.3	793	705	627	557	2673	2112	1670	1320	60	-0.3	0	-14.8	-54.8	159	1.6	3.8	-7.2	-43.4	0.377	20	20	10.5	23	
	V330512	2928	SP	140	9.1	23.5	75.3	793	710	636	570	2830	2271	1822	1462	60	-0.3	0	-14.5	-54.3	160	1.6	3.8	-6.9	-41.9	0.391	20	20	11	24.5	
	V330612	2926	SP	156	10.1	25	75.3	723	665	612	562	2640	2233	1891	1595	60	0.1	0	17.2	60.8	150	1.9	3.7	-9.8	-49.6	0.494	20	20	11.2	24.7	
	V340782	2956	FMJ	124	8	23.3	77.2	834	763	699	639	2782	2329	1954	1633	60	-0.6	0	-11.9	-44	171	1.3	3.8	-4.3	-32.5	0.363	20	20	10.4	22.8	
	V330592*	2905	FMJ	140	9.1	23.5	78	787	723	664	610	2818	2378	2007	1694	60	-0.3	0	-13.8	-49.9	162	1.6	3.8	-6.2	-38.6	0.510	20	20	11	24.5	
	V340482	1730	SBT	140	9.1	24.2	76	723	672	624	580	2378	2053	1773	1531	60	0.0	0	-16.8	-58.8	151	1.9	3.7	-9.3	-47.5	0.444	20	20	11	24.5	
V340252	16321	NSR	140	9.1	24	77.3	748	696	647	602	2546	2204	1905	1649	60	-0.1	0	-15.3	-54.1	156	1.8	3.8	-7.7	-42.8	0.342	20	10	6.1	13.5		
<b>6.5 x 57</b>	V330622	2923	SP	131	8.5	21.6	77	775	691	617	550	2553	2031	1616	1286	60	-0.2	0	-15.6	-57.2	157	1.7	3.9	-7.9	-45.6	0.345	20	20	10.1	22.5	
	V340262	16321	NSR	140	9.1	22.8	78	770	684	607	539	2698	2128	1678	1324	60	-0.2	0	-16.1	-58.9	155	1.7	3.8	-8.4	-47.4	0.341	20	10	5.8	13	
<b>6.5x57 R</b>	V330712	2923	SP	131	8.5	21.9	77	775	691	617	550	2553	2031	1616	1286	60	-0.2	0	-15.6	-57.2	157	1.7	3.9	-7.9	-45.6	0.345	20	20	10.5	23	
<b>6.8mm REM. SPC</b>	V332542	2340	FMJ	110	7.1	16.9	57	779	698	626	561	2154	1730	1391	1117	40	-0.2	0	-15.2	-55.6	158	1.7	3.8	-7.6	-44.1	0.347	20	50	18	39.7	
	V332692	22720	PTS	110	7.1	16.7	57.4	777	736	698	661	2143	1923	1730	1551	40	-0.4	0	-13.1	-46.4	164	1.5	3.8	-5.5	-35	0.359	20	30	11	24.5	
<b>270 WIN.</b>	V340752	2929	SP	130	8.4	24.4	82.3	930	743	593	473	3633	2316	1476	941	60	-0.7	0	-13.1	-54.6	169	1.2	3.9	-5.3	-42.9	0.172	20	20	10.8	23.8	
	V330852	2927	SP	150	9.7	25.4	82.3	805	664	548	453	3143	2141	1459	994	60	-0.2	0	-17.5	-68	153	1.7	3.9	-9.8	-56.4	0.235	20	20	11.5	25.5	
	V330752	27302	PTS	130	8.4	24.1	82.3	884	810	742	680	3282	2756	2312	1942	60	-0.8	0	-10	-37.8	181	1.1	3.7	-2.5	-26.6	0.389	20	20	11.2	24.5	
	V330772	27402	PTS	150	9.7	25.4	82.3	810	777	746	716	3182	2928	2699	2486	60	-0.6	0	-11.3	-40.1	173	1.3	3.8	-3.7	-28.8	0.432	20	20	11.5	25.5	
	V340342	16322	NSR	130	8.4	24.5	82.3	854	777.4	707.7	644.2	3063	2538	2104	1743	60	-0.7	0	-11.3	-42.2	174	1.2	3.8	-3.7	-30.9	0.367	20	10	6	13.2	
<b>7x57</b>	V330902	2931	SP	140	9.1	23.4	73	808	702	609	529	2938	2216	1671	1260	60	-0.3	0	-15.1	-56.7	159	1.6	3.9	-7.3	-45.2	0.210	20	20	10.5	23	
	V330932	2932	SPCE	173	11.2	24.8	77	725	635	557	488	2944	2261	1737	1335	60	0.2	0	-19.4	-70.7	145	2	3.7	-12	-59.5	0.362	20	20	11.3	25	
	V330922	2981	HPC	158	10.2	24.2	78	757	687	623	565	2923	2405	1979	1629	60	-0.1	0	-15.9	-57.1	155	1.8	3.8	-8.3	-45.7	0.448	20	20	11	24	
	V330972	2955	FMJ	140	9.1	23.3	78	799	727	661	602	2873	2378	1969	1630	60	-0.4	0	-13.6	-49.7	163	1.5	3.8	-6	-38.4	0.438	20	20	10.5	23	
	V330992	28452	PTS	162	10.5	25	76.1	765	723	684	647	3072	2744	2456	2198	60	-0.3	0	-13.8	-48.5	162	1.6	3.8	-6.2	-37.1	0.451	20	20	11	24.5	
	V330982	1940	SBT	175	11.35	25	78	735	685	639	596	3066	2665	2316	2013	60	-0.1	0	-15.9	-55.9	154	1.8	3.8	-8.4	-44.6	0.521	20	20	11.5	25.5	
	V340032	2968	XRG	158	10.2	24.2	76	757	699	646	597	2923	2494	2128	1816	60	-0.2	0	-15.1	-53.8	157	1.7	3.8	-7.5	-42.4	0.226	20	10	6.1	13.5	
V340202	35645	NSR	175	11.35	25.8	77	734	668	607	553	3044	2519	2085	1725	60	0.0	0	-17.1	-60.8	151	1.9	3.8	-9.5	-49.5	0.443	20	10	6.3	14		
<b>7x57 R</b>	V331002	2931	SP	140	9.1	22.8	73	808	702	609	529	2938	2216	1671	1260	60	-0.3	0	-15.1	-56.7	159										



# RIFLE HUNTING AMMUNITION

Product No.	Bullet				Cartridge		Velocity (m/s)				Energy (J)				Barrel length (cm)	Distance (m)				MRD m	Distance (m)				Ballistic coefficient	Pcs per box	Boxes per case	Weight per case		
	No.	Type	Weight		Weight g	Length mm	V <sub>0</sub>	V <sub>100</sub>	V <sub>200</sub>	V <sub>300</sub>	E <sub>0</sub>	E <sub>100</sub>	E <sub>200</sub>	E <sub>300</sub>		Points of impact (cm)					Points of impact MRD (cm)							kg	lb	
			grs	g												50	100	200	300		50	100	200	300						
7x65 R	V331202	2931	SP	140	9.1	23.4	81.2	883	753	642	548	3509	2553	1857	1351	68	-0.7	0	-12.4	-48.9	170	1.3	3.8	-4.7	-37.3	0.218	20	20	11	24.5
	V332032	2932	SPCE	173	11.2	25.4	82.5	795	699	614	540	3539	2735	2113	1633	68	-0.3	0	-15.2	-56.6	158	1.6	3.8	-7.5	-45	0.376	20	20	12	26.5
	V331222	2981	HPC	158	10.2	24.4	83.6	819	746	679	618	3421	2835	2350	1948	68	-0.5	0	-12.7	-46.8	167	1.4	3.8	-5.1	-35.3	0.486	20	20	11.5	25.5
	V331252	2955	FMJ	140	9.1	23.7	83.6	871	789	715	647	3414	2801	2299	1886	68	-0.7	0	-10.8	-40.9	176	1.2	3.8	-3.3	-29.6	0.409	20	20	11	24.5
	V331292	28452	PTS	162	10.5	25.6	83.6	815	765	717	673	3487	3072	2699	2378	60	-0.5	0	-11.8	-42.7	171	1.4	3.8	-4.2	-31.3	0.457	20	20	11.5	25.5
	V331272	1940	SBT	175	11.35	25.6	83.6	790	734	682	634	3542	3059	2641	2281	68	-0.4	0	-13.2	-47.6	164	1.5	3.8	-5.6	-36.2	0.546	20	20	12	26.5
	V340052	2968	XRG	158	10.2	24.4	83.6	797	679	578	493	3240	2351	1706	1238	60	-0.2	0	-16.5	-62.5	155	1.7	3.9	-8.7	-50.9	0.215	20	10	6.3	14
V340232	35645	NSR	175	11.35	25.7	83.6	768	717	669	625	3333	2905	2532	2207	60	-0.3	0	-14.1	-50.2	161	1.6	3.8	-6.5	-38.8	0.427	20	10	6.5	14.5	
7 mm REM. MAG.	V332772	29312	SP	140	9.1	28.8	78.8	958	807	679	572	4130	2928	2076	1471	60	-0.9	0	-10.2	-41.9	181	1	3.8	-2.7	-30.6	0.238	20	20	12.8	28.3
	V332712	2932	SPCE	173	11.2	29.9	79.6	848	785	726	672	4027	3451	2952	2529	60	-0.7	0	-11	-40.6	175	1.2	3.8	-3.4	-29.3	0.381	20	20	13.8	30.5
	V332742	28452	PTS	162	10.5	29.7	82.6	842	792	745	705	3722	3292	2912	2576	60	-0.7	0	-10.7	-39	176	1.2	3.8	-3.2	-27.8	0.456	20	20	13.4	29.5
	V332732	1940	SBT	175	11.35	30.1	83.6	852	805	761	719	4120	3679	3285	2934	60	-0.7	0	-10.2	-37.3	179	1.2	3.7	-2.7	-26.1	0.635	20	20	14	30.5
	V340062	2968	XRG	158	10.2	29.5	77.5	866	716	592	489	3825	2613	1785	1219	60	-0.5	0	-14.4	-57.1	163	1.4	3.9	-6.6	-45.5	0.205	20	10	7.2	16
	V340242	35645	NSR	175	11.35	30.3	82.5	883	823	766	713	4406	3822	3315	2876	60	-0.8	0	-9.53	-35.8	183	1	3.7	-2.1	-24.7	0.435	20	10	7.7	17
303 BRITISH	V331312	2939	SP	150	9.7	24.7	72.6	809	699	604	522	3174	2370	1769	1321	60	-0.3	0	-15.2	-57.5	159	1.6	3.9	-7.5	-46	0.283	20	20	10.9	24.5
	V331342*	2909	FMJ	180	11.7	26.7	77.5	755	695	640	589	3335	2825	2393	2027	60	-0.2	0	-15.4	-54.8	156	1.7	3.8	-7.8	-43.4	0.470	20	20	12	26.5
30 CARBINE	V340722	2959	SP	110	7.1	12.8	42.5	617	475	366	281	1351	801	474	281	60	1.7	0	-39.5	-154.2	117	2.9	2.5	-34.6	-146.8	0.166	50	20	13.9	30.7
	V332652*	2960	FMJ	110	7.1	12.8	42.5	617	475	366	281	1351	801	474	281	60	1.7	0	-39.5	-154.2	117	2.9	2.5	-34.6	-146.8	0.152	50	20	13.9	30.7
30-30 WIN.	V330352	2934	SP	150	9.7	21.3	62.7	728	588	476	384	2570	1679	1097	717	60	0.4	0	-23.8	-91.6	138	2.2	3.6	-16.5	-80.6	0.226	20	25	11.5	25.5
300 AAC Blackout	V341282	2958	FMJ	124	8	15.5	55	660	577	505	441	1742	1332	1020	778	40	0.7	0	-24.6	-88.1	133	2.4	3.4	-17.9	-77.9	0.292	20	50	16.6	36.6
	V341292	2908	FMJ	147	9.55	17	55	633	572	517	467	1913	1562	1276	1041	40	0.9	0	-25.1	-87	131	2.5	3.3	-18.6	-77.2	0.391	20	50	18.4	40.6
308 WIN.	V331432	2937	SP	180	11.7	25.9	71.1	748	646	558	482	3273	2441	1821	1358	60	0.0	0	-18.7	-69.1	148	1.9	3.8	-11.2	-57.8	0.260	20	25	14.5	32
	V340902	29362	SPCE	150	9.7	24	68	850	750	662	584	3504	2728	2124	1654	60	-0.6	0	-12.5	-47.6	169	1.3	3.8	-4.9	-36.1	0.280	20	25	13.5	30
	V332232	2935	SPCE	180	11.7	26	68	765	677	600	531	3424	2681	2106	1649	60	-0.1	0	-16.5	-60.4	154	1.8	3.8	-8.9	-49	0.316	20	25	14.5	32
	V331442	2983	HPC	180	11.7	25.9	71.1	762	715	671	630	3397	2991	2633	2318	60	-0.2	0	-14.2	-50.3	160	1.6	3.8	-6.6	-38.9	0.538	20	25	14.5	32.5
	V340762*	2958	FMJ	124	8	22.6	69.5	905	814	733	660	3276	2650	2149	1742	60	-0.8	0	-9.9	-38	182	1	3.7	-2.4	-26.8	0.328	20	25	12.6	27.8
	V332212*	2908	FMJ	147	9.55	23.5	70.8	850	791	736	685	3450	2987	2587	2240	60	-0.7	0	-10.7	-39.6	176	1.2	3.8	-3.2	-28.3	0.362	20	25	13.5	30
	V332202*	2957	FMJ	180	11.7	26	70.5	735	678	625	577	3160	2689	2288	1947	60	0.0	0	-16.4	-57.9	153	1.9	3.8	-8.8	-46.6	0.467	20	25	14.5	32
	V331532	30702	PTS	180	11.7	26.1	69.8	765	723	684	646	3424	3058	2737	2441	60	-0.3	0	-13.8	-48.6	162	1.6	3.8	-6.2	-37.2	0.508	20	25	14.5	32
	V331372	2160	SBT	180	11.7	26	71.1	754	699	648	601	3327	2860	2459	2114	60	-0.2	0	-15.1	-53.6	157	1.7	3.8	-7.5	-42.2	0.481	20	25	14.5	32
	V340002	2970	XRG	180	11.7	25.9	71.1	795	697	612	536	3697	2842	2191	1681	60	-0.3	0	-15.3	-56.9	158	1.6	3.9	-7.6	-45.5	0.283	20	10	6.2	14
V340272	16331	NSR	180	11.7	25.8	71.1	745	661	587	521	3247	2557	2014	1586	60	0.0	0	-17.6	-63.8	150	1.9	3.8	-10	-52.4	0.309	20	10	6.3	14	
30-06 SPRING.	V331622	2937	SP	180	11.7	27.2	83.4	825	708	595	505	3982	2940	2069	1492	60	-0.4	0	-15.2	-58.3	160	1.6	3.9	-7.4	-46.7	0.234	20	20	10.5	23
	V340912	2936	SPCE	150	9.7	25.1	80	900	785	684	596	3929	2986	2269	1724	60	-0.8	0	-11	-43.2	176	1.1	3.8	-3.5	-31.8	0.286	20	20	11.5	25.5
	V331772	2935	SPCE	180	11.7	27.2	80	805	717	638	569	3791	3007	2381	1894	60	-0.4	0	-14.2	-52.5	162	1.6	3.8	-6.5	-41	0.335	20	20	12.2	27
	V331632	2983	HPC	180	11.7	27.4	83.4	820	769	721	677	3934	3460	3044	2677	60	-0.6	0	-11.6	-42.1	172	1.3	3.8	-4	-30.8	0.502	20	20	12	26.5
	V340772*	2958	FMJ	124	8	24	81.4	944	866	795	729	3565	3000	2528	2126	60	-1.0	0	-8.1	-31.8	192	0.8	3.6	-0.9	-21	0.349	20	20	10.8	23.8
	V331652*	2908	FMJ	147	9.55	25	82.5	890	820	755	696	3782	3211	2722	2313	60	-0.8	0	-9.6	-36.5	182	1	3.7	-2.2	-25.4	0.378	20	20	11.3	25
	V331792*	2957	FMJ	180	11.7	27.2	82.5	815	760	709	661	3886	3379	2938	2555	60	-0.5	0	-12	-43.6	170	1.4	3.8	-4.4	-32.2	0.441	20	20	12.2	27
	V331742	30702	PTS	180	11.7	27.6	82.3	790	748	709	671	3651	3273	2941	2634	60	-0.4	0	-12.5	-44.6	167	1.5	3.8	-5	-33.2	0.510	20	20	12	26.5
	V331732	2160	SBT	180	11.7	27.4	82.3	786	728	674	624	3614	3097	2654	2275	60	-0.4	0	-13.6	-48.8	163	1.6	3.8	-5.9	-37.4	0.467				



## RIFLE HUNTING AMMUNITION

Product No.	Bullet				Cartridge		Velocity (m/s)				Energy (J)				Barrel length (cm)	Distance (m)				MRD (m)	Distance (m)				Ballistic coefficient	Pcs per box	Boxes per case	Weight per case		
	No.	Type	Weight		Weight	Length	V <sub>0</sub>	V <sub>100</sub>	V <sub>200</sub>	V <sub>300</sub>	E <sub>0</sub>	E <sub>100</sub>	E <sub>200</sub>	E <sub>300</sub>		Points of impact (cm)					Points of impact MRD (cm)									
	grs	g	g	mm	V <sub>0</sub>	V <sub>100</sub>	V <sub>200</sub>	V <sub>300</sub>	E <sub>0</sub>	E <sub>100</sub>	E <sub>200</sub>	E <sub>300</sub>	50	100	200	300	50	100	200	300	kg	lb								
<b>8x57 JRS</b>	V331902	2945	SPCE	196	12.7	26.5	79	726	625	537	462	3347	2477	1834	1357	60	0.2	0	-20.3	-74.9	144	2.1	3.7	-12.9	-63.8	0.338	20	20	12	26.5
	V331912	2986	HPC	196	12.7	26.5	79.6	758	689	625	568	3648	3010	2484	2049	60	-0.1	0	-15.8	-56.7	155	1.8	3.8	-8.2	-45.3	0.527	20	20	12	26.5
	V331942	2420	SBT	220	14.26	28.6	79	697	658	621	586	3464	3084	2747	2446	60	0.2	0	-17.7	-60.9	148	2	3.7	-10.3	-49.9	0.501	20	20	12.5	28
	V340092	2977	XRG	196	12.7	27.5	77	730	633	549	476	3386	2546	1914	1439	60	0.2	0	-19.6	-72.1	145	2	3.7	-12.2	-60.9	0.250	20	10	12	26.5
	V340312	35277	NSR	200	12.96	26.8	77.8	708	658	612	569	3233	2795	2416	2088	60	0.1	0	-17.7	-61.6	148	2	3.7	-10.3	-50.5	0.365	20	10	6.7	14.8
<b>8x64 S</b>	V331952	2945	SPCE	196	12.7	27.2	83	810	700	605	523	4166	3112	2324	1735	65	-0.3	0	-15.2	-57.3	159	1.6	3.8	-7.5	-45.8	0.285	20	20	12.5	28
	V331962	2986	HPC	196	12.7	27.2	86.7	815	728	650	581	4218	3365	2685	2143	65	-0.4	0	-13.6	-50.5	164	1.5	3.8	-5.9	-39	0.562	20	20	12.5	28
<b>9.3x62</b>	V332052	2952	SP	285	18.5	33.8	83.6	695	602	522	452	4468	3355	2519	1891	60	0.4	0	-22.2	-80.8	139	2.2	3.6	-15.1	-70	0.308	20	20	15	33
	V340112	2979	XRG	250	16.2	32	83.6	745	651	569	467	4496	3432	2620	2000	60	0.0	0	-18.3	-67.1	149	1.9	3.8	-10.8	-55.8	0.258	20	10	7.5	16.5
	V340322	44760	NSR	286	18.5	34	81.7	693	633	579	529	4442	3712	3101	2591	60	0.3	0	-19.5	-68.4	144	2.1	3.6	-12.2	-57.5	0.419	20	10	7.9	17.5
<b>9.3x72 R</b>	V332102	2951	SP	193	12.5	25	86	611	508	423	351	2333	1614	1116	772	60	1.8	0	-38.6	-144.9	116	3	2.4	-33.9	-137.8	0.197	20	20	11.5	25.5
<b>9.3x74 R</b>	V332152	2952	SP	285	18.5	33.5	94.5	705	605	520	446	4597	3388	2497	1840	65	0.4	0	-22	-80.6	140	2.2	3.6	-14.8	-69.8	0.308	20	18	14	31
	V340122	2979	XRG	250	16.2	32.2	96.5	746	642	552	475	4503	3335	2470	1829	60	0.1	0	-19	-70.4	147	1.9	3.8	-11.5	-59.1	0.258	20	4	3.3	7.3

## TARGET AMMUNITION

Product No.	Bullet				Cartridge		Velocity (m/s)				Energy (J)				Barrel length (cm)	Distance (m)				MRD (m)	Distance (m)				Ballistic coefficient	Pcs per box	Boxes per case	Weight per case		
	No.	Type	Weight		Weight	Length	V <sub>0</sub>	V <sub>100</sub>	V <sub>200</sub>	V <sub>300</sub>	E <sub>0</sub>	E <sub>100</sub>	E <sub>200</sub>	E <sub>300</sub>		Points of impact (cm)					Points of impact MRD (cm)									
	grs	g	g	mm	V <sub>0</sub>	V <sub>100</sub>	V <sub>200</sub>	V <sub>300</sub>	E <sub>0</sub>	E <sub>100</sub>	E <sub>200</sub>	E <sub>300</sub>	50	100	200	300	50	100	200	300	kg	lb								
<b>222 REM.</b>	V332832	1410	HPBT	52	3.36	11.7	54.1	960	845	744	655	1548	1200	930	721	60	-1.0	0.0	-8.8	35.4	186	0.9	3.7	-1.5	24.4	0.112	20	60	14.7	32.5
<b>223 REM.</b>	V332842	1410	HPBT	52	3.36	11.9	56.4	1040	896	772	665	1817	1348	1000	742	60	-1.2	0.0	-7.3	-31.2	198	0.6	3.5	-0.2	-20.6	0.112	20	50	12.5	27.5
	V332852	1380	HPBT	69	4.5	13.1	57	920	824	739	662	1904	1528	1229	986	60	-0.9	0.0	-9.5	-37.0	184	1	3.7	-2.1	-25.9	0.169	20	50	13.7	30
	V341092	9377	HPBT	77	5	13.6	57	861	757	665	585	1853	1432	1106	854	60	-0.6	0.0	-12.2	-46.8	170	1.3	3.8	-4.6	-35.3	0.190	20	50	14.3	31.5
<b>6.5x55 SE</b>	V332822	1742	HPBT	142	9.2	24.4	79	752	711	672	635	2601	2325	2077	1855	60	-0.2	0.0	-14.4	-50.6	159	1.7	3.8	-6.9	-39.2	0.301	20	20	11	24.5
<b>6.8mm REM. SPC</b>	V340492	1815	HPBT	115	7.5	17.2	57.4	755	670	595	528	2138	1683	1328	1045	40	-0.1	0	-17	-61.7	152	1.8	3.8	-9.4	-50.3	0.317	20	50	18.5	40.8
<b>308 WIN.</b>	V331452	2200	HPBT	168	10.9	25.1	71.1	801	733	670	613	3497	2926	2448	2048	60	-0.4	0.0	-13.3	-48.6	165	1.5	3.8	-5.7	-37.1	0.218	20	25	14	31
	V341122	2275	HPBT	175	11.35	26.1	71.1	800	753	709	668	3616	3205	2842	2519	60	-0.5	0.0	-12.3	-44.2	168	1.4	3.8	-4.7	-32.8	0.505	20	25	14.7	32.4
	V332812	2220	HPBT	180	11.7	26.2	71.1	800	748	699	653	3744	3271	2857	2496	60	-0.5	0.0	-12.6	-45.3	167	1.5	3.8	-5	-33.9	0.475	20	25	14.5	31.5
	V341132	2210	HPBT	190	12.3	27.2	71.1	800	742	689	639	3936	3388	2916	2510	60	-0.4	0.0	-12.8	-46.4	166	1.5	3.8	-5.2	-35	0.533	20	25	15.3	33.8
<b>30-06 SPRING.</b>	V331642	2200	HPBT	168	10.9	26.4	82.5	849	774	706	643	3928	3265	2714	2255	60	-0.6	0.0	-11.4	-42.6	173	1.3	3.8	-3.9	-31.3	0.462	20	20	11.5	25.5
<b>300 WIN. MAG.</b>	V332602	2200	HPBT	168	10.9	31.5	84.8	920	847	781	719	4613	3914	3320	2817	60	-0.9	0.0	-8.7	-33.5	188	0.9	3.6	-1.4	-22.6	0.462	20	20	14	31
	V340422	2210	HPBT	190	12.3	32.3	84.8	823	776	731	689	4166	3702	3290	2923	60	-0.6	0.0	-11.3	-41.0	173	1.3	3.8	-3.8	-29.7	0.462	20	20	14.7	31.5
	V340432	2240	HPBT	220	14.3	34.5	84.8	815	776	739	703	4749	4305	3903	3538	60	-0.6	0.0	-11.3	-40.6	173	1.3	3.8	-3.8	-29.3	0.678	20	20	15.5	34.2
<b>7.62x54 R</b>	V332472	2315	HPBT	174	11.3	25.8	75.3	788	728	672	620	3508	2991	2550	2174	73	-0.4	0.0	-13.6	-48.9	163	1.6	3.8	-5.9	-37.5	0.499	20	20	12	26.5

Product No.	Bullet				Cartridge		Velocity (m/s)								Energy (J)								Barrel length (cm)	Distance (m)								Ballistic coefficient	Pcs per box	Boxes per case	Weight per case	
	No.	Type	Weight		Weight	Length	V <sub>0</sub>	V <sub>100</sub>	V <sub>300</sub>	V <sub>500</sub>	V <sub>800</sub>	V <sub>1000</sub>	V <sub>1200</sub>	V <sub>1500</sub>	E <sub>0</sub>	E <sub>100</sub>	E <sub>300</sub>	E <sub>500</sub>	E <sub>800</sub>	E <sub>1000</sub>	E <sub>1200</sub>	E <sub>1500</sub>		100	300	500	800	1000	1200	1500						
	grs	g	g	mm	V <sub>0</sub>	V <sub>100</sub>	V <sub>300</sub>	V <sub>500</sub>	V <sub>800</sub>	V <sub>1000</sub>	V <sub>1200</sub>	V <sub>1500</sub>	E <sub>0</sub>	E <sub>100</sub>	E <sub>300</sub>	E <sub>500</sub>	E <sub>800</sub>	E <sub>1000</sub>	E <sub>1200</sub>	E <sub>1500</sub>	100	300	500	800	1000	1200	1500	kg	lb							
<b>338 LAPUA MAGNUM</b>	V340402	2650	HPBT	250	16.2	43.1	91.8	868	817	722	634	517	446	379	-	6095	5408	4220	3252	2163	1608	1163	-	69	29.5	52.6	0.0	-272.4	-631.7	-1190.9	-	0.536	10	10	5.2	11.5
	V340412	9300	HPBT	300	19.4	47.2	91.8	827	788	713	642	543	483	429	365	6646	6035	4944	4005	2866	2269	1792	1294	69	29.3	51.4	0.0	-254.9	-579.3	-1066.2	-2200.0	0.684	10	10	5.5	12.1

All values captured by using ballistic barrels and computed under ideal weather conditions.





## HUNTING SHOTGUN SHELLS – PLASTIC

	Product No.	Gauge	Dia of shots (mm)	Velocity V <sub>2</sub> (m/s)	Wad	Brass (mm)	Load (g)	Pcs per box	Boxes per case	Weight per case	
										kg	lb
SB CORONA	V1005X2	12x70*	2.5;3.0;3.5;4.0	385	PLASTIC	12.5	28	25	10	11	24
	V1017X2	12x70*	2.5;3.0;3.5;4.0	385	PLASTIC	12.5	32	25	10	11.7	25.5
SB FORTUNA	V1039X2	12x70*	2.5;3.0;3.5;4.0	385	PLASTIC	12.5	36	25	10	12.7	28
	V1155X2	12x70*	2.5;3.0;3.5;4.0	390	PLASTIC	12.5	30	25	10	11	24
SB VEGA	V1157X2	12x70*	2.5;3.0;3.5;4.0	390	PLASTIC	12.5	34	25	10	12.5	27.5
	V1163X2	12x70*	2.5;3.0;3.5;4.0	390	PLASTIC	12.5	32	25	10	12	26.5
	V1202X2	16x70*	2.5;3.0;3.5;4.0	395	PLASTIC	10	30	10	25	11	24
	V1304X2	20x70*	2.5;3.0;3.5;4.0	385	PLASTIC	10	26	10	25	10	22
	V1009X2	12x70*	3.0;3.5;4.0	370	FELT	12.5	32	25	10	12	26.5
SB MARK III	V1145X2	12x675*	2.5;3.0;3.5;4.0	370	FELT	12.5	28	25	10	11	24
SB PHEASANT	V1051X2	12x70*	3.0;3.5;4.0	370	FELT	12.5	36	25	10	13	28.5
SB LORD	V1212X2	16x675*	2.0;2.5;3.0;3.5;4.0	380	FELT	10	32	10	25	11.5	25
BLACK FLASH	V1208X2	16x675	2.0;2.5;3.0;3.5;4.0	375	PLASTIC	10	32	10	25	11	24
SB JUNIOR	V2208X2	16x675	4.5;5.1;6.8;7.6	360	FELT	10	32	10	25	11	24
	V1305X2	20x675	2.0;2.5;3.0;3.5;4.0	380	FELT	10	28	25	10	10.5	23
SB FAVORIT	V2305X2	20x675	4.5;5.1;6.8	360	FELT	10	28	25	10	10.5	23
	V1140X2	12x70*	2.0;2.5;3.0;3.5;4.0	390	PLASTIC	23	36	10	25	13	28.5
SB EXTRA	V1160X2	12x70*	2.0;2.5;3.0;3.5;4.0	390	PLASTIC	23	34	10	25	12.5	27.5
	V1162X2	12x70*	2.0;2.5;3.0;3.5;4.0	390	PLASTIC	23	32	10	25	12	26.5
	V1162X2	12x70*	2.0;2.5;3.0;3.5;4.0	390	PLASTIC	23	32	10	25	12	26.5

## HUNTING SHOTGUN SHELLS – PLASTIC SMALL CALIBERS

	Product No.	Gauge	Dia of shots (mm)	Velocity V <sub>2</sub> (m/s)	Wad	Brass (mm)	Load (g)	Pcs per box	Boxes per case	Weight per case	
										kg	lb
RED	V1401X2	28x70*	2.0;2.25;2.5;2.75	370	PLASTIC	12.5	28	25	16	15.5	34
	V1403X2	28x70*	2.0;2.5;3.0;3.5;4.0	370	PLASTIC	12.5	21	25	16	13	28.5
RED	V1357X2	410x63.5	2.0;2.5;3.0;3.5;4.0	340	FELT	11.5	12.4	25	20	10	22
	V1363X2	410x76	3.5;4.0	340	PLASTIC	11.5	16	25	20	13	28.5

## HUNTING SHOTGUN SHELLS – MAGNUM AND BUCK SHOT PLASTIC

	Product No.	Gauge	Dia of shots (mm)	Velocity V <sub>2</sub> (m/s)	Wad	Brass (mm)	Load (g)	Pcs per box	Boxes per case	Weight per case	
										kg	lb
SB PLASTICIK	V1073X2	12x675	2.5;3.0;3.5;4.0	370	FELT	12.5	32	25	10	12	26.5
	V2073X2	12x675	4.5;5.1;6.1;7.6;8.4	360	FELT	12.5	32	25	10	12	26.5
SB BUCK SHOT	V2117X2	12x70	4.5;5.1;6.1;7.6;8.4	360	FELT	12.5	36	25	10	13	28.5
	V2127X2	12x70	4.5;5.1;6.1;7.6;8.4	370	FELT	12.5	32	25	10	11.5	25
SB MAGNUM 42.5 GOLDEN EAGLE	V1055X2	12x70*	2.5;3.0;3.5;4.0	380	PLASTIC	12.5	42.5	25	10	14.5	32
	V1063X2	12x76*	2.5;3.0;3.5;4.0	390	PLASTIC	12.5	42.5	25	10	14.5	32
SB MAGNUM 53	V1065X2	12x76*	2.5;3.0;3.5;4.0	370	FELT	12.5	53	25	10	17	37.5
SB BUCK SHOT MAGNUM	V2116X2	12x76	4.5;5.1;6.1;7.6;8.4	370	FELT	12.5	53	10	25	17.5	38.5
	V2309X2	20x76	4.5;5.1;6.1;6.8	350	FELT	10	33.5	25	12	14	31
SB MAGNUM 33.5	V1301X2	20x76*	2.5;3.0;3.5;4.0	370	FELT	10	33.5	25	12	14	31
410 MAGNUM 19.5	V1361X2	410x76	2.0;2.5;3.0	340	PLASTIC	11.5	19.5	25	20	13	28.5

## HUNTING SHOTGUN SHELLS – PAPER

	Product No.	Gauge	Dia of shots (mm)	Velocity V <sub>2</sub> (m/s)	Wad	Brass (mm)	Load (g)	Pcs per box	Boxes per case	Weight per case	
										kg	lb
RED HARE	V1537X2	12x70*	2.5;3.0;3.5;4.0	380	FELT	12.5	32	25	10	12	26.5
RED PARTRIDGE	V1535X2	12x70*	2.5;3.0;3.5;4.0	380	FELT	12.5	32	25	10	12	26.5
RED AND BLACK	V1508X2	12x70*	2.5;3.0;3.5;4.0	390	FELT	12.5	35.4	10	25	13	28.5
	V2508X2	12x70	4.5;5.1;6.1;7.6;8.4	360	FELT	12.5	35.4	10	25	13	28.5
RED AND BLACK STREUKREUZ	V159242	12x70*	2.5;2.75;3.0;3.5;4.0	370	FELT + PLASTIC CROSS	12.5	34	10	25	13	28.5
RED AND BLACK	V1542X2	12x65	2.5;3.0;3.5;4.0	390	FELT	12.5	33.5	10	25	12.5	27.5
	V2542X2	12x65	4.5;5.1;6.1;7.6;8.4	360	FELT	12.5	33.5	10	25	12.5	27.5
	V1704X2	16x70*	2.5;3.0;3.5;4.0	380	FELT	10	30.1	10	25	11	24
	V2704X2	16x70	4.5;5.1;6.8;7.6	360	FELT	10	30.1	10	25	11	24
	V1728X2	16x65	2.5;3.0;3.5;4.0	380	FELT	10	28.4	10	25	11	24
	V2728X2	16x65	4.5;5.1;6.8;7.6	360	FELT	10	28.4	10	25	11	24
	V1802X2	20x70*	2.5;3.0;3.5;4.0	380	FELT	10	27	10	25	10.5	23
	V2801X2	20x70	4.5;5.1;6.8	360	FELT	10	27	25	12	10.5	23
	V1804X2	20x65	2.5;3.0;3.5;4.0	380	FELT	10	26.5	10	25	10.5	23
	V2804X2	20x65	4.5;5.1;6.8	360	FELT	10	26.5	10	25	10.5	23

\* Star crimp.  
PLASTIC – plastic wad with shots protector.

## SHOTGUN SHELLS

Identification number X	Diameter of shots in mm		
	Small Pb shots	Buck Pb shots	Steel shots
0	2.00	4.5	2.79
1	2.25	5.1	3.05
2	2.40	5.6	3.30
3	2.50	6.1	3.56
4	2.75	6.2	3.81
5	3.00	6.8	4.06
6	3.25	7.6	4.32
7	3.50	8.1	4.57
8	3.75	8.4	4.83
9	4.00	9.1	5.08





## LEAD FREE SHOTS LOADS

	Product No.	Gauge	Dia of shots (mm)	Velocity V <sub>2</sub> (m/s)	Wad	Brass (mm)	Load (g)	Pcs per box	Boxes per case	Weight per case	
										kg	lb
ECO GAME	V0681X2	12×70*	3.05; 3.30 (3.56; 3.81; 4.06 †)	360 (410 †)	ECOWAD	12.5	32	25	10	12	26.5
STEEL SHOTS 28	V0669X2	12×70*	3.05; 3.30 (3.56; 3.81; 4.06 †)	420	PLASTIC	12.5	28	25	10	11	24
STEEL SHOTS 32	V0665X2	12×70*	3.05; 3.30 (3.56; 3.81; 4.06 †)	370 (415 †)	PLASTIC	12.5	32	25	10	12	26.5
STEEL SHOTS MAGNUM 36	V0661X2	12×76*	3.05; 3.30; 3.81; 4.06; 4.83; 5.08 †	390 †	PLASTIC	12.5	36	25	10	13	28.5
STEEL SHOTS MAGNUM 39	V0667X2	12×76*	3.05; 3.30; 3.81; 4.06; 4.83 †	385 †	PLASTIC	12.5	39	25	10	14	31
ZINC SHOTS 30	V0801X2	12×70*	3.5; 4.0	405	PLASTIC	12.5	30	25	10	11.5	25
ZINC SHOTS 21	V0803X2	16×70*	3.5; 4.0	460	PLASTIC	10	21	25	10	8.5	18.6
STEEL SHOTS 26	V067702	16×67.5*	3.05	360	PLASTIC	8	26	25	10	9.5	21
STEEL SHOTS 24	V0675X2	20×67.5*	3.05	400	PLASTIC	8	24	25	10	8.8	19.5

## CARTRIDGES WITH UNIFORM BULLET FOR SHOTGUNS – PLASTIC

	Product No.	Gauge	Projectile	Velocity V <sub>2</sub> (m/s)	Wad	Brass (mm)	Load (g)	Pcs per box	Boxes per case	Weight per case	
										kg	lb
SB SPECIAL SLUG MAGNUM	V051992	12×76	SPECIAL SLUG	460	–	12.5	32	25	10	12.5	27.5
	V051322	20×76	SPECIAL SLUG	560	–	10	21	25	12	9.6	21
SB SPECIAL SLUG	V051712	12×70	SPECIAL SLUG	420	–	12.5	32	5	40	9.5	21
	V051612	12×67.5	SPECIAL SLUG	420	–	12.5	32	5	40	9.1	20
	V051812	16×67.5	SPECIAL SLUG	420	–	10	27	5	40	8.5	19
	V051242	20×67.5	SPECIAL SLUG	490	–	10	21	5	40	7.5	16.5

## CARTRIDGES WITH UNIFORM BULLET FOR SPORTING PURPOSES – PLASTIC

	Product No.	Gauge	Projectile	Velocity V <sub>2</sub> (m/s)	Wad	Brass (mm)	Load (g)	Pcs per box	Boxes per case	Weight per case	
										kg	lb
SB SPECIAL SLUG SPORT	V051932	12×67.5	SPECIAL SLUG	410	–	12.5	28	25	10	10.2	22.5
	V051962	12×70	SPECIAL SLUG	410	–	12.5	28	25	10	10.5	23
SB SPECIAL SLUG WHITELINE	V051902	12×67.5	SPECIAL SLUG	410	–	12.5	28	25	10	10.2	22.5
	V052032	12×70	SPECIAL SLUG	410	–	12.5	28	25	10	10.5	23
SB PRACTICAL SLUG	V051662	12×63.5	SPECIAL SLUG	395	–	12.5	32	25	10	11	24
SB PRACTICAL SLUG WHITELINE	V051692	12×63.5	SPECIAL SLUG	395	–	12.5	32	25	10	11	24

## SPECIAL SHOTGUN SHELLS

	Product No.	Gauge	Dia of shots (mm)	Velocity V <sub>2</sub> (m/s)	Wad	Brass (mm)	Load	Pcs per box	Boxes per case	Weight per case	
										kg	lb
RUBBER SHOTS	V075242	12×67.5	7.5	450	PLASTIC	12.5	9 shots	25	10	4.5	10
	V075252	12×67.5	7.5	450	PLASTIC	12.5	12 shots	25	10	4.6	10
	V075232	12×67.5	7.5	450	PLASTIC	12.5	15 shots	25	10	4.7	10.5
RUBBER SPHERICAL BALL	V075212	12×67.5	17.5	270	PLASTIC	12.5	1 shot	25	10	4.7	10.5
	V075222	12×67.5	15	280	PLASTIC	12.5	2 shots	25	10	4.8	10.5
SELF DEFENCE	V236702	410×63.5	4.5 / 9.65	300	PLASTIC	11.5	15 shots / 1 shot	25	20	10.7	24
	V236902	410×76	4.5 / 9.65	300	PLASTIC	11.5	15 shots / 2 shots	25	20	13.4	30

## SPORTING SHOTGUN SHELLS

	Product No.	Gauge	Dia of shots (mm)	Velocity V <sub>2</sub> (m/s)	Wad	Brass (mm)	Load (g)	Pcs per box	Boxes per case	Weight per case	
										kg	lb
SKEET 24 SUPER	V010502	12×70*	2.0	415	PLASTIC	12.5	24	25	10	10	22
TRAP 24 SUPER	V000922	12×70*	2.4	420	PLASTIC	12.5	24	25	10	10	22
	V010102	12×70*	2.0	395	PLASTIC	12.5	24	25	10	10	22
SKEET 24 SPORT	V033302	16×70*	2.0	400	PLASTIC	10	24	25	10	9.5	21
	V038702	20×70*	2.0	390	PLASTIC	10	24	25	10	9	20
TRAP 24 SPORT	V000122	12×70*	2.4	400	PLASTIC	12.5	24	25	10	10	22
	V033122	16×70*	2.4	400	PLASTIC	10	24	25	10	9.5	21
	V038522	20×70*	2.4	390	PLASTIC	10	24	25	10	9	20
SKEET 28 SPORT	V011502	12×70*	2.0	395	PLASTIC	12.5	28	25	10	11	24
SKEET 28 SUPER	V012302	12×70*	2.0	415	PLASTIC	12.5	28	25	10	11	24
TRAP 28 SPORT	V001722	12×70*	2.4	395	PLASTIC	12.5	28	25	10	11	24
TRAP 28 SUPER	V002322	12×70*	2.4	420	PLASTIC	12.5	28	25	10	11	24
EXTRA SPORTER 26	V022932	12×70*	2.5	410	PLASTIC	12.5	26	25	10	10.5	23
PARCOURS	V0149X2	12×70*	2.0; 2.25; 2.4; 2.5	420	PLASTIC	12.5	28	25	10	11	24
SUPER PARCOURS	V0227X2	12×70*	2.0; 2.25; 2.4; 2.5	450	PLASTIC	12.5	28	25	10	11	24
SB PRACTICAL SPORT	V022152	12×63.5*	2.0; 2.25; 2.4; 2.5; 3.0	385	PLASTIC	12.5	32	25	10	11.5	25
PRACTICAL BUCK SHOT	V022582	12×63.5	8.4	385	FELT	12.5	32	25	10	11.5	25
SKEET 24 STEEL SHOT	V060352	12×67.5*	2.29	420	PLASTIC	12.5	24	25	10	10	22
	V061152	20×67.5*	2.29	370	PLASTIC	8	24	25	10	8.5	19
TRAP 24 STEEL SHOT	V060172	12×67.5*	2.54	420	PLASTIC	12.5	24	25	10	10	22
	V061172	20×67.5*	2.54	380	PLASTIC	8	24	25	10	8.5	19
SKEET 28 STEEL SHOT	V060752	12×70*	2.29	420	PLASTIC	12.5	28	25	10	11	24
TRAP 28 STEEL SHOT	V060572	12×70*	2.54	420	PLASTIC	12.5	28	25	10	11	24

\* Star crimp.

PLASTIC – PLASTICic wad with shots protector.

† Only for guns marked 'STEEL SHOTS' or 'BILLES D'ACIER'.





## RIMFIRE AMMUNITION

	Product No.	Bullet		Case	Velocity (m/s)		Energy (J)		Barrel length (cm)	Pcs per box	Boxes per case	Weight per case		
		Weight	Material		Material	V <sub>s</sub>	V <sub>50</sub>	E <sub>5</sub>				E <sub>50</sub>	kg	lb
		grs	g											
.22 WMR	V355132	45	2.92	lead-coppered	CuZn 30	475	397	329	230	60	50	30	8	17.5
.22 WMR JHP	V355202	40	2.6	Cu/Pb	CuZn 30	560	477	407	296	60	50	30	7.7	17
.22 WMR FMJ	V355212	40	2.6	Cu/Pb	CuZn 30	560	477	407	296	60	50	30	7.7	17
.22 LR HV	V355007	36	2.33	lead-coppered	brass-nickled	395	355	182	147	60	50	100	17.5	38.5
.22 LR SB CLUB	V355027	40	2.56	lead	brass-nickled	325	295	135	112	60	50	100	18.5	41
.22 LR HV HP	V355017	38	2.45	lead	CuZn 30	375	345	172	146	60	50	100	18	40
.22 LR SUBSONIC HP	V355252	40	2.56	lead	CuZn 30	310	280	123	100	60	50	100	19	42
.22 LR SB STANDARD	V355262	40	2.56	lead	CuZn 30	325	295	135	112	60	50	100	18.5	41
.22 LR SUBSONIC	V355272	40	2.56	lead	CuZn 30	310	280	123	100	60	50	100	19	42
.22 SHORT	V355507	28.1	1.8	lead	CuZn 30	280	250	70	56	60	50	100	14	31
4mm RANDZ CURTE	V355322	7.7	0.5	lead-coppered	tombac-nickled	280	-	20	-	20	200	80	14.5	32
.22 FLOBERT CB	V355417	18	1.15	lead-coppered	CuZn 10	260	-	39	-	20	100	80	15	33
6mm ME FLOBERT COURT	V355427	16	1.05	lead	CuZn 10	250	-	33	-	20	100	80	14	31
6mm START SB	V352007	-	-	-	-	-	-	-	-	-	100	150	7.5	16.5

## CENTERFIRE CAPS

	Product No.	Energy level	Color marking	Pressure (MPa)	Energy (J)	Pcs per box	Boxes per case	Weight btto	
								kg	lb
9x20/9mm JAT	V351222	2	red	-	360	50	80	20.0	44
Start Cap/9mmx17/ 380 START	V350002	-	-	max. 25	-	50	80	21.0	46
9mm P.A. Blank	V311372	-	-	max. 40	-	50	30	7.5	16.5

## NAIL-CARTRIDGES

	Product No.	Energy level	Color marking	Energy (J)	Pcs per box	Boxes per case	Weight per case	
							kg	lb
CAL 5.6/16	V353017	1	green	140	100	150	17	37.5
	V353027	2	yellow	230	100	150	18	40
	V353037	3	red	320	100	150	18.6	41
	V353047	4	black	400	100	150	19.6	44





## BULLETS FOR PISTOL AND REVOLVER CARTRIDGES

Product No:	Recommend for	Type	Weight		Caliber	Diameter	Pcs per box	Boxes per case	Weight per case		
			grs	g					kg	lb	
V319022	6.35 Browning	FMJ	50	3.3	6.35	6.38	.251	100	60	21.0	46.5
V319622	7.62x25 Tokarev	FMJ	85	5.5	7.62	7.83	.308	100	20	12.0	26.5
V319072	7.65 Browning	FMJ	73	4.75	7.65	7.85	.309	100	20	11.0	24
V319472	.32 S&W Long	WC	100	6.5	32	8	.314	100	20	13.5	30
V319482		LRN	100	6.5	32	8	.314	100	20	13.5	30
V319122	9mm Browning Court	FMJ	92	6	9	9.04	.355	100	20	12.5	27.5
V319802	9mm Luger	TFMJ	115	7.5	9	9.03	.355	100	20	16.0	35.5
V319172	9mm Luger, 9x21	FMJ	115	7.5	9	9.03	.355	100	20	16.0	35.5
V319842		TFMJ	124	8	9	9.03	.355	100	20	17.0	37.5
V319222		FMJ	124	8	9	9.03	.355	100	20	17.0	37.5
V319422	9mm Luger	JHP	115	7.5	9	9.03	.355	100	20	16.0	35.5
V319932		SP	100	6.5	9	9.03	.355	100	20	14.0	31
V319272	9mm Luger, 9x21	SP	124	8	9	9.03	.355	100	20	17.0	37.5
V318372		LRN	124	8	9	9.03	.355	100	20	17.0	37.5
V319322	9mm Luger Subsonic, .357 SIG	FMJ	140	9	9	9.03	.355	100	20	19.0	42
V319372	9mm Makarov	FMJ	95	6.1	9	9.27	.363	100	20	13.0	29
V318892	.38 Special	TFMJ	158	10.25	38	9.12	.357	100	20	21.5	47.5
V318622		FMJ	158	10.25	38	9.12	.357	100	20	21.5	47.5
V318672		SP	158	10.25	38	9.12	.357	100	20	21.5	47.5
V318522		LRN	158	10.25	38	9.12	.357	100	20	21.5	47.5
V318572		WC	148	9.6	38	9.12	.357	100	20	20.5	45
V318922		TFMJ	158	10.25	38	9.12	.357	100	20	21.5	47.5
V318722	.357 Magnum	FMJ	158	10.25	38	9.12	.357	100	20	21.5	47.5
V318772		SP	158	10.25	38	9.12	.357	100	20	21.5	47.5
V318952	.40 S&W	TFMJ	180	11.7	40	10.17	.400	100	20	24.5	54
V318822		FMJ	180	11.7	40	10.17	.400	100	20	24.5	54
V319522	.44 Rem. Mag.	SP	240	15.55	44	10.97	.430	100	15	24.0	53
V318872	.45 Auto, .45 G.A.P.	FMJ	230	14.9	45	11.48	.452	100	15	23.5	52

Weight per case can fluctuate.

## BULLETS FOR RIFLE CARTRIDGES

Product No:	Bullet no:	Type	Weight		Caliber	Diameter	Pcs per box	Boxes per case	Weight per case		
			grs	g					kg	lb	
V338022	2901	FMJ	45	2.9	22	5.70	.224	100	60	18.5	41
V338072	2911	SP	45	2.9	22	5.70	.224	100	60	18.5	41
V338122	2902	FMJ	50	3.24	222	5.70	.224	100	60	20.5	45.5
V338172	2913	SP	50	3.24	222	5.70	.224	100	60	20.5	45.5
V338222	2903	FMJ	55	3.6	223	5.70	.224	100	60	22.5	49.5
V338272	2914	SP	55	3.6	223	5.70	.224	100	20	9.0	20
V338322	2904	FMJ	70	4.6	5.6	5.79	.228	100	20	10.0	22
V338372	2915	SP	70	4.6	5.6	5.79	.228	100	20	10.0	22
V338422	2921	SP	100	6.5	243	6.17	.243	100	20	13.5	30
V338472	2925	SP	117	7.6	6.5	6.58	.257	100	20	16.0	35.5
V339622	2905	FMJ	140	9.1	6.5	6.70	.264	100	20	19.0	42
V338522	2923	SP	131	8.5	6.5	6.70	.264	100	20	18.0	39.5
V338572	2928	SP	140	9.1	6.5	6.70	.264	100	20	19.0	42
V338622	2927	SP	150	9.7	270	7.06	.277	100	20	20.5	45.5
V339972	2955	FMJ	140	9.1	7	7.25	.284	100	20	19.0	42
V338672	2931	SP	140	9.1	7	7.25	.284	100	20	19.0	42
V338722	2932	SPCE	173	11.2	7	7.25	.284	100	20	23.5	52
V338922	2908	FMJ	147	9.55	30	7.85	.308	100	20	20.0	44
V339582	2934	SP	150	9.7	30	7.85	.308	100	20	20.0	44
V338972	2936	SPCE	150	9.7	30	7.85	.308	100	20	20.5	45.5
V339022	2957	FMJ	180	11.7	30	7.85	.308	100	20	24.5	54
V339072	2937	SP	180	11.7	30	7.85	.308	100	20	24.5	54
V339722	2935	SPCE	180	11.7	30	7.85	.308	100	20	24.5	54
V339802	2960	FMJ	110	7.1	30	7.85	.308	100	20	15.5	34
V339922	2907	FMJ	123	8	7.62	7.92	.311	100	20	17.0	37.5
V338822	2909	FMJ	180	11.7	7.62*	7.92	.311	100	20	24.5	54
V339292	2943	SP	123	8	7.62	7.92	.311	100	20	17.0	37.5
V338872	2939	SP	150	9.7	7.62*	7.92	.311	100	20	20.5	45.5
V339772	2940	SP	180	11.7	7.62*	7.92	.311	100	20	24.5	54
V339322	2941	SP	196	12.7	8	8.09	.318	100	20	26.5	58.5
V339372	2910	FMJ	196	12.7	8	8.22	.323	100	20	26.5	58.5
V339422	2945	SPCE	196	12.7	8	8.22	.323	100	20	26.5	58.5
V339522	2951	SP	193	12.5	9.3	9.30	.366	100	20	26.0	57.5
V339572	2952	SP	285	18.5	9.3	9.30	.366	50	20	19.5	43

\* It is suitable for caliber 303 British Weight per case can fluctuate.



### UNPRIMERED RIFLE CARTRIDGE CASES

Product No:	For cartridge	Pcs per bag	Bags per case	Weight per case	
				kg	lb
V337002	22 Hornet	20	35	3.5	8
V337962	22-250 Rem	20	35	8	17.5
V337032	222 Rem	20	35	5	11
V337062	223 Rem	20	35	5.5	12
V337092	5.6x50 R Magnum	20	35	6.5	14.5
V337122	5.6x52 R	20	35	7.5	16.5
V337152	243 Win	20	25	6	13.5
V337182	6.5x52 R	20	35	7.5	16.5
V337212	6.5x55 SE	20	25	7	15.5
V337242	6.5x57	20	25	6.5	14.5
V337272	6.5x57 R	20	25	6.5	14.5
V337302	270 Win	20	25	7.5	16.5
V337332	7x57	20	25	6.5	14.5
V337362	7x57R	20	25	6.5	14.5
V337392	7x64	20	25	7	15.5
V337422	7x65R	20	25	6.5	14.5
V337812	30 Carbine	20	35	4.5	10
V337452	303 British	20	25	7	15.5
V337932	30-30 Win	20	35	7	15.5
V337482	308 Win	20	25	6.5	14.5
V337782	300 Win Mag	20	25	9	20
V337542	7.62x39	20	35	6	13.5
V337752	7.62x54 R	20	25	6	13.5
V337512	30-06 Springfield	20	25	7	15.5
V337572	8x57 JR	20	25	6.5	14.5
V337602	8x57 JS	20	25	7	15.5
V337632	8x57 JRS	20	25	7	15.5
V337662	8x64 S	20	25	7	15.5
V337862	9.3x62	20	25	7	15.5
V337692	9.3x72 R	20	25	7	15.5
V337722	9.3x74 R	20	25	7.5	16

Weight per case can fluctuate.

### UNPRIMERED PISTOL AND REVOLVER CASES

Product No:	For cartridge	Pcs per bag	Bags per case	Weight per case	
				kg	lb
V316052	7.62x25 Tokarev	50	50	13	29
V316102	7.65 Browning	50	50	7	15.5
V316532	.32 S&W Long	50	40	7	15.5
V316152	9mm Browning Court	50	40	7.5	16.5
V316202	9mm Luger	50	40	9	20
V316252	9x21	50	40	9.5	21
V316952	.357 SIG	50	30	7.5	16.5
V316302	9mm Makarov	50	40	8	18
V316352	.38 Special	50	30	7.5	16.5
V316402	.357 Magnum	50	30	8	18
V316452	.40 S&W	50	30	8	18
V316602	.44 Rem. Mag.	50	30	12	26.5
V316502	.45 Auto	50	30	9.5	21

Weight per case can fluctuate.

### CAPS

Product No:	Type of primer	Used for	Pcs per grating	Gratings per box	Boxes per case	Weight per case	
						kg	lb
V360152	Small Pistol 4.4 Boxer	Pistol and revolver cartridges 9 mm Luger, .38 Special, 7.65 Browning, .40 S & W, .357 SIG	100	1000	12	5.5	12
V360242	Small Pistol Magnum 4.4 Boxer	22 Hornet, 222 Rem., 5.6x50 R Mag., .357 Mag.	100	1000	12	5.5	12
V360582	Small Rifle 4.4 Boxer	223 Rem.	100	1000	12	5.5	12
V361602	Large Pistol 5.3 Boxer	.44 Rem. Mag., .45 Auto, .45 GAP, .45 COLT	100	1000	12	6.5	14.5
V361612	Large Rifle 5.3 Boxer	Rifle cartridges 5.6x52 R and cal. 6.5 to 9.3 mm	100	1000	12	6.8	15

33 000 pcs packing can be delivered on special request.





# Cartridge boards

Grand board  
V395150



Shotgun board  
V395110



Rifle board  
V395100



Pistol board  
V395120



Clock  
V395160



Mix board  
V395130



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