

LOVEX®

Energy for your Ammunition



Reloading Guide 2010

LOVEX powders for pistols and revolvers

CALIBRES	S011	S020	D032	D036	D037.1	D037.2
7.6 x 25 TOK.						
.380 AUTO						
9 mm LUGER						
.38 SPECIAL						
.357 MAGNUM						
.357 SIG						
.40 S&W						
.44 REM. MAGNUM						
.45 ACP						

LOVEX powders for rifles

CALIBRES	S040	D060	S053	D063	S060	D073.4	D073.5	S062	D073.6	S065	S070	D100
.22 HORNET												
.222 REMINGTON												
.223 REMINGTON												
6 mm BR REMINGTON												
.243 WINCHESTER												
6.5 x 55 mm SWEDISH												
.270 WINCHESTER												
7 x 57 mm MAUSER												
7 mm 08 REMINGTON												
7 mm REMINGTON MAG.												
.30 M1 CARBINE												
.30-30 WINCHESTER												
.308 WINCHESTER												
7.62 x 39 mm RUSSIAN												
7.62 x 54 mm RUSSIAN												
.30-06 SPRINGFIELD												
.300 WINCHESTER MAG.												
.303 BRITISH												
8 x 57 mm JS (0.323")												
9.3 x 74												
.45-70 GOVERNMENT												
.50 BROWNING												

 usable

 unusable

INTRODUCTION

The LOVEX® Reloading Guide for centre fire ammunition was created as manual for reloading of LOVEX® smokeless propellants manufactured by EXPLOSIA® Company. These reloading propellants were specially selected from many different propellants, which we produce, to be able to cover usage in all commonly used calibres.

POWDER INFORMATION

Explosia® Company produces two basic types of reloading powders – single base powders and double base powders with certain percentage of nitroglycerin. The powders depending on technology are manufactured in the form of tubular or ball particles. LOVEX® reloading powders guide includes a lot of different propellants for all commonly used calibres.

SINGLE BASE POWDERS

Nitrocellulose is the main component (90–98 %) of single base powders. Various additives such as stabilizers, surface treatment agents, flame reducing agents and ingredients affecting the burning characteristics are used as well. The shape of the powder grain is tubular. Most single base propellants produced in Explosia® Company are surface coated to achieve the progressiveness of burning.

Handgun single base powders: **S011 and S020**

Rifle single base powders: **S040, S053, S060, S062, S065 and S070**

DOUBLE BASE POWDERS

In addition to nitrocellulose double base powders contain also nitroglycerin (8–22 %) as an energetic component. These powders contain also a small percentage of stabilizers or other additives as the single base powders. Double base powders are of higher energetic value than single base powders and their ballistic performance is better. The shape of powder grain is tubular or ball.

Handgun double base powders: **D032, D036, D037.1 and D037.2**

Rifle double base powders: **D060, D063, D073.4, D073.5, D073.6 and D100**

The powders LOVEX® are manufactured in Explosia® Company in Pardubice-Semtí plant (Czech Republic). Contact details of our customer service and the list of LOVEX® distributors can be found at www.explosia.cz, where this guide can also be downloaded.

Reloading data on-line: www.explosia.cz

Internal ballistic computation of different weapon / ammunition / powder combination can be performed with software **QUICKLOAD** (author Hartmut Broemel, Babenhausen, Germany).



POWDER DESCRIPTION

HANDGUN POWDERS

S011

A fast burning, low density, single base, tubular propellant most suitable for .38 Special and .45 Auto cartridges. Also applicable for 7.65 Pi, 9 mm Makarov or 9 mm Browning court cartridges. Our fastest handgun propellant.

D032

A fast burning, low density, double base, ball propellant similar to Accurate No. 2. It is excellent in almost all handgun cartridges, especially where clean burning is desirable.

S020

A fast burning, low density, single base, tubular propellant especially for use in the 9 mm Luger. Also suitable for many other pistol and revolver cartridges.

D036

A relatively fast burning, high density, double base, ball propellant similar to Accurate No. 5 designed for .45 ACP. In comparison with other our powders it is usable in most handgun cartridges.

D037.1

High density, double base, ball propellant similar to Accurate No. 7 designed for 9 mm NATO carbine ammunition. Somewhat more specialized in applications than D032 and D036, it is well suited to high intensity cartridges. It is a good choice for .357, .41 and .44 Magnum cartridges, when slightly less than full power loads are preferred.

D037.2

High density, double base, ball propellant similar to Accurate No. 9 is most suitable for .44 Magnum. This propellant gives excellent velocities for the pressures generated and with less flash than other comparable powders. It is intended for use in large capacity handgun cartridges (.357, .41, .44 Magnum and .454 Casull). It is also suitable for some small rifle cartridges (.25-20 Winchester, .30 M1 Carbine) and the .410 shotgun. It is the best with heavier bullets in most calibres. Our slowest handgun propellant.

RIFLE POWDERS

S040

High density, single base, tubular propellant suitable for .22 Hornet and .30 Carbine cartridges and for other small shotguns. Also usable in high capacity handgun cartridges.

D060

High density, double base, tubular propellant similar to Accurate 5744 designed primarily for .45-70 Government, .45-120 and .50-90 Sharps cartridges and for reduced loads in all calibre rifles.

S053

High density, single base, tubular propellant most suitable for 7.62 x 39 and .22 Hornet cartridges. Also suitable for small capacity cartridges such as the T/CU series, the .222 Remington and the .223 Remington with lighter bullets.

D063

High density, double base, ball propellant similar to Accurate 1680 suitable for 7.62 x 39 cartridge. Also suitable for small capacity cartridges such as the T/CU series, the .222 Remington and the .223 Remington with lighter bullets.

S060

High density, single base, tubular propellant similar to Accurate 2015. It is extremely flexible, giving excellent performance in many cartridges from .222 Remington to .458 Winchester Magnum.

D073.4

High density, double base, ball propellant similar to Accurate 2230, which is one of four most popular rifle powders. Designed for .223 Remington (5.56 NATO).

D073.5

Medium burning, high density, double base, ball propellant similar to Accurate 2460 is useful in wide variety of cartridges. It is slightly slower than D073.4 and shows a small pressure advantage over D073.4 in bores 7 mm and over. Excellent in .308 Winchester, also suitable for M1 and M14 (M1A) service rifles.

D073.6

Medium-slow burning, high density, double base, ball propellant similar to Accurate 2520 gives excellent results in medium capacity cartridges (.308 class) and in certain applications in large bore cartridges. It is the best choice for target shooters using 168 grain bullets in the .308 Winchester. D073.6 has a pressure curve appropriate for use with M1 and M14 (M1A) service rifles.

S062

High density, single base, tubular propellant similar to Accurate 4064 most suitable for 8 x 57 Js, .30-06 and other ball cartridges.

S065

High density, single base, tubular propellant most suitable for 7 x 57 cartridge and for other shotguns like 7 x 57 R, 7 x 65 R and from 7 x 64 to 8 x 57 JS.

S070

High density, single base, tubular propellant similar to Accurate 4350 giving excellent performance from .243 Winchester and .270 Winchester cartridges to the largest Magnum cartridges.

D100

Medium-slow burning, high density, double base, ball propellant most suitable for .50 Browning cartridge.

SAFETY AND HEALTH PRECAUTIONS

- ✖ DO NOT SMOKE, WHERE POWDER IS STORED AND WHEN RELOADING.
- ✖ KEEP POWDER AWAY FROM ELECTRICAL MACHINERY, THAT COULD PRODUCE SPARKS AND KEEP IT AWAY FROM OTHER COMBUSTIBLE MATERIALS OR FLAMMABLE LIQUIDS.
- ✖ STORE IN A COOL, DARK AND DRY PLACE. STORAGE CABINETS SHOULD BE SELF VENTING, ALLOWING COMBUSTIBLE GASES TO ESCAPE AND (IF POSSIBLE) SHOULD BE CONSTRUCTED OF INSULATING MATERIALS TO PROTECT POWDERS FROM HEAT.
- ✖ KEEP POWDER OUT OF REACH OF CHILDREN.
- ✖ DO NOT MIX POWDERS OF DIFFERENT KINDS.
- ✖ POUR OUT ONLY THE AMOUNT OF POWDER NEEDED FOR IMMEDIATE WORK.
- ✖ CHECK THE POWDER MEASURE EACH TIME IT IS USED. MAKE SURE THE SETTINGS HAVE NOT BEEN ACCIDENTALLY CHANGED. CHECK-WEIGHT "THROWN CHARGES" FREQUENTLY.
- ✖ CLEAN UP SPILLED POWDER. USE A BRUSH AND DUSTPAN. DO NOT USE A VACUUM CLEANER.
- ✖ DO NOT REPACKAGE. STORE POWDER ONLY IN ITS ORIGINAL CONTAINERS. DO NOT USE THE CONTAINERS TO STORE OTHER POWDERS AND MATERIALS OR FOR OTHER PURPOSE.
- ✖ DO NOT KEEP OLD OR SALVAGED POWDERS. CHECK OLD POWDERS FOR DETERIORATION REGULARLY.
- ✖ OBEY ALL REGULATIONS AND LEGISLATION REGARDING QUANTITY AND METHODS OF STORING VALID IN YOUR COUNTRY. DO NOT STORE ALL YOUR POWDERS IN ONE PLACE. IF YOU CAN, MAINTAIN SEPARATE STORAGE LOCATIONS. MANY SMALL CONTAINERS ARE SAFER THAN ONE OR MORE LARGE CONTAINERS.
- ➡ Do not take internally. In case of ingestion cause vomiting by putting finger down throat. Call physician.
- ➡ Prevent contact with food, chewing and smoking material.
- ➡ Have adequate ventilation during handling.
- ➡ Do not carry powder in clothing.

!!! WARNING !!!

READ BEFORE USING

The task of reloading centre fire metallic cartridges should only be undertaken by someone familiar with reloading procedures. One must observe all possible safety precautions and practices in accordance with proper handling of any explosive. We suggest you read up on reloading procedures. There are a number of excellent books on the subject.

After powder leaves our plant, we have no control over improper storage, handling, loading or using or on the condition of firearms or component use. For these reasons we make **no warranty** of merchantability or fitness for a particular use. All our loading data is intended solely for use in modern weapons.

Working up charges: For all pistol and rifle powders load and fire a few cartridges at 10% less (starting) charge, than is shown, watching for any sign of excessive pressure (difficult extraction, flattened or blown primers, unusual recoil).

ALWAYS START AT THE SUGGESTED MINIMUM STARTING CHARGE AND NEVER EXCEED THE LOADS LISTED IN THIS PUBLICATION

6.35 Browning / 25 AUTO

Barrel Length: 150 mm				Case: Sellier & Bellot				Max. Cartridge Length: 23.11 mm	
Rise: 10"				Primer: 4.4 SP Boxer S&B				Max. Pressure CIP: 1 200 Bar	
Bullet:		Recommended Loads			Maximum Loads				
FMJ 3.30 g 50 grs		Powder Charge		Velocity V5		Powder Charge		Velocity V5	
		Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS
S011		0.060	0.93	220	722	0.080	1.23	280	918
D032		0.080	1.23	215	705	0.090	1.39	280	918
S020		0.080	1.23	230	754	0.100	1.54	285	935
D036		0.100	1.54	215	705	0.130	2.01	285	935
		Bar	PSI						

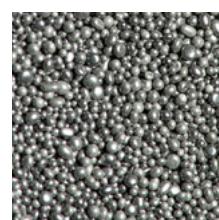
.32 Smith & Wesson Long

Barrel Length: 150 mm	Case: Sellier & Bellot				Max. Cartridge Length: 32.51 mm			
Rise: 15.98"	Primer: 4.4 SP Boxer S&B				Max. Pressure CIP: 1 000 Bar			

Bullet:	Recommended Loads				Maximum Loads				Cartridge Length		
WC 6.50 g 100 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure	Cartridge Length	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	
S011	0.100	1.5	210	689	0.150	2.3	260	853	820	11900	
D032	0.110	1.7	200	656	1.130	17.4	230	754	850	12300	24.30 mm
S020	0.110	1.7	200	656	0.160	2.5	230	754	860	12500	
D036	0.100	1.5	210	689	0.150	2.3	260	853	780	11300	
Bullet:	Recommended Loads				Maximum Loads				Cartridge Length		
LRN 6.50 g 100 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure	Cartridge Length	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	
S011	0.150	2.3	250	820	0.180	2.8	280	918	930	13500	
D032	0.190	2.9	240	787	0.220	3.4	280	918	960	13900	32.50 mm
S020	0.180	2.8	250	820	0.200	3.1	270	886	980	14200	
D036	0.200	3.1	200	656	0.250	3.9	250	820	950	13800	

9 mm Browning Court / .380 ACP

Barrel Length: 150 mm	Case: Sellier & Bellot				Max. Cartridge Length: 25.00 mm						
Rise: 9.85"	Primer: 4.4 SP Boxer S&B				Max. Pressure CIP: 1 350 Bar						
Bullet:	Recommended Loads				Maximum Loads						
FMJ 6.00 g 92 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Cartridge Length		
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	Cartridge Length
S011	0.180	2.8	280	918	0.200	3.1	315	1033	1280	18600	
D032	0.210	3.2	280	918	0.250	3.9	320	1050	1260	18300	
S020	0.200	3.1	270	886	0.240	3.7	320	1050	1240	18000	
D036	0.270	4.2	260	853	0.330	5.1	320	1050	1220	17700	24.90 mm

**9 mm Luger / 9 mm Parabellum / 9 x 19**

Barrel Length: 150 mm	Case: Sellier & Bellot				Max. Cartridge Length: 29.70 mm			
Rise: 9.85"	Primer: 4.4 SP Boxer S&B				Max. Pressure CIP: 2 350 Bar			

Bullet:	Recommended Loads				Maximum Loads				Cartridge Length		
FMJ 7.50 g 115 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure	Cartridge Length	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	
S011	0.290	4.5	330	1082	0.310	4.8	360	1181	2350	34100	
D032	0.280	4.3	330	1082	0.300	4.6	350	1148	2340	34000	29.69 mm
S020	0.330	5.1	350	1148	0.355	5.5	375	1230	2350	34100	
D036	0.380	5.9	350	1148	0.450	6.9	390	1279	2250	32700	
D037.1	0.500	7.7	350	1148	0.550	8.5	395	1296	2350	34100	
Bullet:	Recommended Loads				Maximum Loads				Cartridge Length		
FMJ 8.00 g 120 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure	Cartridge Length	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	
S011	0.280	4.3	320	1050	0.300	4.6	350	1148	2230	32400	
D032	0.280	4.3	320	1050	0.295	4.6	350	1148	2250	32700	29.69 mm
S020	0.320	4.9	340	1115	0.345	5.3	365	1197	2240	32500	
D036	0.370	5.7	340	1115	0.420	6.5	370	1214	2200	31900	
D037.1	0.470	7.3	340	1115	0.510	7.9	375	1230	2300	33400	
Bullet:	Recommended Loads				Maximum Loads				Cartridge Length		
JHP 7.50 g 115 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure	Cartridge Length	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	
S011	0.230	3.5	320	1050	0.250	3.9	350	1148	2200	31900	
D032	0.230	3.5	320	1050	0.250	3.9	350	1148	2300	33400	26.90 mm
S020	0.280	4.3	340	1115	0.300	4.6	370	1214	2310	33500	
D036	0.330	5.1	340	1115	0.360	5.6	370	1214	2290	33200	
D037.1	0.400	6.2	320	1050	0.440	6.8	360	1181	2340	34000	
Bullet:	Recommended Loads				Maximum Loads				Cartridge Length		
SP 6.50 g 100 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure	27.50 mm	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	
S011	0.280	4.3	370	1214	0.310	4.8	400	1312	2340	34000	
D032	0.280	4.3	350	1148	0.320	4.9	400	1312	2320	33700	
S020	0.320	4.9	370	1214	0.360	5.6	415	1361	2290	33200	
D036	0.390	6.0	360	1181	0.450	6.9	420	1378	2280	33100	
D037.1	0.470	7.3	360	1181	0.540	8.3	400	1312	2260	32800	

HANDGUN

HANDGUN

9 mm Luger / 9 mm Parabellum / 9 x 19 (continued)											
Bullet:	Recommended Loads				Maximum Loads					Cartridge Length	
SP 8.00 g 120 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure		
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	
S011	0.260	4.0	340	1115	0.285	4.4	360	1181	2320	33700	28.40 mm
D032	0.260	4.0	330	1082	0.285	4.4	355	1164	2300	33400	
S020	0.290	4.5	340	1115	0.330	5.1	370	1214	2310	33500	
D036	0.370	5.7	340	1115	0.410	6.3	380	1246	2320	33700	
D037.1	0.450	6.9	340	1115	0.500	7.7	380	1246	2290	33200	
Bullet:	Recommended Loads				Maximum Loads					Cartridge Length	
LRN 8.00 g 120 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure		
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	
S011	0.250	3.9	330	1082	0.275	4.2	350	1148	2280	33100	28.00 mm
D032	0.260	4.0	330	1082	0.285	4.4	350	1148	2290	33200	
S020	0.280	4.3	330	1082	0.320	4.9	360	1181	2300	33400	
D036	0.370	5.7	340	1115	0.410	6.3	380	1246	2310	33500	
D037.1	0.450	6.9	340	1115	0.500	7.7	380	1246	2280	33100	
Bullet:	Recommended Loads				Maximum Loads					Cartridge Length	
FMJ 9.1 g 140 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure		
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	
S011	0.190	2.9	280	918	0.215	3.3	305	1000	2340	34000	26.50 mm
D032	0.200	3.1	280	918	0.210	3.2	300	984	2310	33500	
S020	0.220	3.4	285	935	0.250	3.9	310	1017	2290	33200	
D036	0.260	4.0	270	886	0.290	4.5	310	1017	2100	30500	
D037.1	0.330	5.1	280	918	0.360	5.6	310	1017	2240	32500	



9x21									
Barrel Length: 150 mm				Case: Sellier & Bellot				Max. Cartridge Length: 29.70 mm	
Rise: 9.85"				Primer: 4.4 SP Boxer S&B				Max. Pressure CIP: 2350 Bar	
Bullet:	Recommended Loads			Maximum Loads					
FMJ 7.50 g 115 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar PSI
S011	0.290	4.5	330	1082	0.310	4.8	360	1181	2350 34100
D032	0.280	4.3	330	1082	0.300	4.6	350	1148	2340 34000
S020	0.330	5.1	350	1148	0.355	5.5	375	1230	2350 34100
D036	0.380	5.9	350	1148	0.450	6.9	390	1279	2250 32700
D037.1	0.500	7.7	350	1148	0.550	8.5	395	1296	2350 34100
Bullet:	Recommended Loads			Maximum Loads					
FMJ 8.0 g 124 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar PSI
S011	0.280	4.3	320	1050	0.300	4.6	350	1148	2230 32400
D032	0.280	4.3	320	1050	0.295	4.6	350	1148	2250 32700
S020	0.320	4.9	340	1115	0.345	5.3	365	1197	2240 32500
D036	0.370	5.7	340	1115	0.420	6.5	370	1214	2200 31900
D037.1	0.470	7.3	340	1115	0.510	7.9	375	1230	2300 33400
Bullet:	Recommended Loads			Maximum Loads					
LRN 8.0 g 124 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar PSI
S011	0.250	3.9	330	1082	0.275	4.2	350	1148	2280 33100
D032	0.260	4.0	330	1082	0.285	4.4	350	1148	2290 33200
S020	0.280	4.3	330	1082	0.320	4.9	360	1181	2300 33400
D036	0.370	5.7	340	1115	0.410	6.3	380	1246	2310 33500
D037.1	0.450	6.9	340	1115	0.500	7.7	380	1246	2280 33100

357 SIG

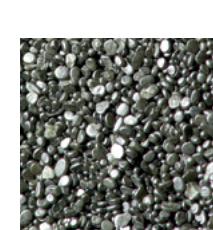
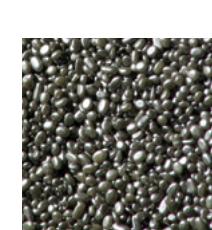
Barrel Length: 150 mm				Case: Sellier & Bellot				Max. Cartridge Length: 28.96 mm				
Rise: 16.00"				Primer: 4.4 SP Boxer S&B				Max. Pressure CIP: 3 050 Bar				
Bullet:	Recommended Loads				Maximum Loads						Cartridge Length	
FMJ 9.1 g 140 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure			
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI		
S011	0.330	5.1	350	1148	0.370	5.7	380	1246	2980	43300	28.96 mm	
D032	0.360	5.6	360	1181	0.395	6.1	390	1279	3000	43500		
S020	0.370	5.7	370	1214	0.420	6.5	400	1312	3020	43800		
D036	0.470	7.3	370	1214	0.530	8.2	420	1378	2980	43300		
D037.1	0.620	9.6	410	1345	0.670	10.3	435	1427	2960	43000		
D037.2	0.670	10.3	400	1312	0.700	10.8	430	1410	2860	41500		

9 mm Makarov										
Barrel Length: 150 mm			Case: Sellier & Bellot			Max. Cartridge Length: 25.00 mm				
Rise: 9.45"			Primer: 4.4 SP Boxer S&B			Max. Pressure CIP: 1 600 Bar				
Bullet:	Recommended Loads			Maximum Loads					Cartridge Length 25.00 mm	
FMJ 6.1 g 95 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5			
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S011	0.220	3.4	320	1050	0.245	3.8	355	1164	1580	22900
D032	0.240	3.7	320	1050	0.275	4.2	350	1148	1590	23100
S020	0.270	4.2	340	1115	0.300	4.6	370	1214	1540	22400
D036	0.320	4.9	330	1082	0.380	5.9	360	1181	1460	21200
D037.1	0.420	6.5	310	1017	0.480	7.4	360	1181	1590	23100

.38 Special										
Barrel Length: 150 mm			Case: Sellier & Bellot			Max. Cartridge Length: 39.37 mm				
Rise: 18.72"			Primer: 4.4 SP Boxer S&B			Max. Pressure CIP: 1 500 Bar				
Bullet:	Recommended Loads			Maximum Loads					Cartridge Length 38.60 mm	
FMJ 10.25 g 158 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5			
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S011	0.280	4.3	270	886	0.320	4.9	300	984	1470	21300
D032	0.280	4.3	265	869	0.330	5.1	290	951	1500	21800
S020	0.330	5.1	280	918	0.380	5.9	320	1050	1500	21800
D036	0.380	5.9	280	918	0.420	6.5	310	1017	1390	20200
Bullet:	Recommended Loads			Maximum Loads						
SP 10.25 g 158 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5			
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S011	0.280	4.3	270	886	0.320	4.9	300	984	1470	21300
D032	0.280	4.3	265	869	0.330	5.1	290	951	1500	21800
S020	0.330	5.1	280	918	0.380	5.9	320	1050	1500	21800
D036	0.380	5.9	280	918	0.420	6.5	310	1017	1390	20200
Bullet:	Recommended Loads			Maximum Loads						
LRN 10.25 g 158 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5			
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S011	0.280	4.3	260	853	0.340	5.2	300	984	1480	21500
D032	0.280	4.3	260	853	0.335	5.2	300	984	1460	21200
S020	0.330	5.1	280	918	0.380	5.9	310	1017	1460	21200
D036	0.380	5.9	290	951	0.420	6.5	310	1017	1380	20000

.38 Special (continued)										
Bullet:	Recommended Loads				Maximum Loads					Cartridge Length
WC 9.60 g 148 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S011	0.170	2.6	200	656	0.250	3.9	290	951	1480	21500
D032	0.170	2.6	200	656	0.230	3.5	270	886	1450	21000
S020	0.210	3.2	220	722	0.300	4.6	300	984	1400	20300
D036	0.230	3.5	240	787	0.310	4.8	300	984	1400	20300

.357 Magnum										
Barrel Length: 150 mm			Case: Sellier & Bellot			Max. Cartridge Length: 40.39 mm				
Rise: 18.72"			Primer: 4.4 SPMP Boxer S&B			Max. Pressure CIP: 3 000 Bar				
Bullet:	Recommended Loads			Maximum Loads					Cartridge Length 40.39 mm	
FMJ 10.25 g 158 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5			
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S011	0.455	7.0	360	1181	0.500	7.7	385	1263	3000	43500
D032	0.450	6.9	360	1181	0.490	7.6	380	1246	2940	42700
S020	0.520	8.0	380	1246	0.560	8.6	400	1312	2950	42800
D036	0.600	9.3	410	1345	0.630	9.7	440	1443	2970	43100
D037.1	0.700	10.8	400	1312	0.760	11.7	440	1443	3000	43500
D037.2	0.700	10.8	390	1279	0.870	13.4	440	1443	3000	43500
Bullet:	Recommended Loads			Maximum Loads						
SP 10.25 g 158 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5			
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S011	0.455	7.0	360	1181	0.500	7.7	385	1263	3000	43500
D032	0.450	6.9	360	1181	0.490	7.6	380	1246	2940	42700
S020	0.520	8.0	380	1246	0.560	8.6	400	1312	2950	42800
D036	0.600	9.3	410	1345	0.630	9.7	440	1443	2970	43100
D037.1	0.700	10.8	400	1312	0.760	11.7	440	1443	3000	43500
D037.2	0.700	10.8	390	1279	0.870	13.4	440	1443	3000	43500



HANDGUN DATA

RIFLE DATA

.40 S & W										
Barrel Length: 150 mm				Case: Sellier & Bellot				Max. Cartridge Length: 28.83 mm		
Rise: 15.98"				Primer: 4.4 SPMP Boxer S&B				Max. Pressure CIP: 2 250 Bar		
Bullet:	Recommended Loads			Maximum Loads					Cartridge Length 28.80 mm	
FMJ 11.70 g 180 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S011	0.305	4.7	290	951	0.315	4.9	300	984	2250	32700
D032	0.290	4.5	290	951	0.310	4.8	300	984	2240	32500
S020	0.320	4.9	295	968	0.360	5.6	320	1050	2230	32400
D036	0.400	6.2	300	984	0.450	6.9	340	1115	2200	31900
D037.1	0.460	7.1	290	951	0.550	8.5	340	1115	2210	32100
D037.2	0.520	8.0	290	951	0.570	8.8	310	1017	2210	32100

.44 Remington Magnum										
Barrel Length: 150 mm				Case: Sellier & Bellot				Max. Cartridge Length: 40.89 mm		
Rise: 20.00"				Primer: 5.33 LP Boxer S&B				Max. Pressure CIP: 2 800 Bar		
Bullet:	Recommended Loads			Maximum Loads					Cartridge Length 40.89 mm	
SP 15.55 g 240 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S011	0.640	9.9	330	1082	0.660	10.2	375	1230	2790	40500
D032	0.630	9.7	335	1099	0.670	10.3	380	1246	2800	40600
S020	0.660	10.2	340	1115	0.730	11.3	375	1230	2780	40300
D036	0.820	12.7	350	1148	0.940	14.5	390	1279	2750	40000
D037.1	1.000	15.4	360	1181	1.150	17.7	425	1394	2800	40600
D037.2	1.200	18.5	370	1214	1.300	20.1	415	1361	2800	40600
S040	1.100	17.0	360	1181	1.380	21.3	425	1394	2790	40500

.45 Auto / .45 ACP										
Barrel Length: 150 mm				Case: Sellier & Bellot				Max. Cartridge Length: 32.35 mm		
Rise: 15.98"				Primer: 5.33 LP Boxer S&B				Max. Pressure CIP: 1 300 Bar		
Bullet:	Recommended Loads			Maximum Loads					Cartridge Length 32.35 mm	
FMJ 14.90 g 230 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S011	0.330	5.1	230	754	0.370	5.7	270	886	1280	18600
D032	0.330	5.1	230	754	0.350	5.4	260	853	1300	18900
S020	0.360	5.6	240	787	0.410	6.3	220	265	1270	18400
D036	0.390	6.0	230	754	0.470	7.3	260	853	1280	18600

.22 Hornet											
Barrel Length: 600 mm					Case: Sellier & Bellot					Max. Cartridge Length: 43.76 mm	
Rise: 16"					Primer: 4.4 SRM Boxer S&B					Max. Pressure CIP: 3 000 Bar	
Bullet:	Recommended Loads				Maximum Loads					Cartridge Length 43.7 mm	
FMJ 2.90 g 45 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure		
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	
S040	0.54	8.3	700	2296	0.590	9.1	750	2460	2950	42800	
S053	0.60	9.3	640	2099	0.640	9.9	680	2230	2200	31900	
D063	0.61	9.4	690	2263	0.650	10.0	700	2296	2200	31900	
Bullet:	Recommended Loads				Maximum Loads						
SP 2.90 g 45 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure	Cartridge Length 43.7 mm	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	
S040	0.54	8.3	700	2296	0.590	9.1	750	2460	2950	42800	
S053	0.60	9.3	640	2099	0.640	9.9	680	2230	2200	31900	
D063	0.61	9.4	690	2263	0.650	10.0	700	2296	2200	31900	

.222 Remington											
Barrel Length: 600 mm					Case: Sellier & Bellot					Max. Cartridge Length: 54.10 mm	
Rise: 14"					Primer: 4.4 SRM Boxer S&B					Max. Pressure CIP: 3 700 Bar	
Bullet:	Recommended Loads				Maximum Loads					Cartridge Length 52.5 mm	
FMJ 3.24 g 50 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure		
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	
S040	0.90	13.9	850	2788	1.03	15.9	920	3018	3650	53000	
S053	1.15	17.7	900	2952	1.25	19.3	960	3149	3640	52800	
D063	1.15	17.7	920	3018	1.25	19.3	990	3247	3700	53700	
D073.4	1.50	23.1	960	3149	1.60	24.7	1000	3280	3680	53400	
D073.5	1.50	23.1	950	3116	1.60	24.7	1000	3280	3580	52000	
D073.6	1.55	23.9	920	3018	1.60	24.7	950	3116	2800	40600	
Bullet:	Recommended Loads				Maximum Loads						
SP 3.24 g 50 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure		
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	
S040	0.90	13.9	850	2788	1.03	15.9	920	3018	3650	53000	
S053	1.15	17.7	900	2952	1.25	19.3	960	3149	3640	52800	
D063	1.15	17.7	920	3018	1.25	19.3	990	3247	3700	53700	
D073.4	1.50	23.1	960	3149	1.60	24.7	1000	3280	3680	53400	
D073.5	1.50	23.1	950	3116	1.60	24.7	1000	3280	3580	52000	
D073.6	1.55	23.9	920	3018	1.60	24.7	950	3116	2800	40600	

compressed

.223 Remington										
Barrel Length: 600 mm				Case: Sellier & Bellot				Max. Cartridge Length: 57.40 mm		
Rise: 12"				Primer: 4.4 SR Boxer S&B				Max. Pressure CIP: 4 300 Bar		
Bullet:	Recommended Loads			Maximum Loads					Cartridge Length	
FMJ 3.60 g 55 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S053	1.30	20.1	930	3050	1.370	21.1	975	3198	4260	61800
D063	1.20	18.5	930	3050	1.280	19.8	980	3215	4300	62400
S060	1.60	24.7	920	3018	1.700	26.2	971	3185	4200	61000
D073.4	1.60	24.7	960	3149	1.700	26.2	1010	3313	4150	60200
D073.5	1.60	24.7	960	3149	1.700	26.2	1026	3365	4240	61500
D073.6	1.65	25.5	965	3165	1.740	26.8	1015	3329	4020	58300
Bullet:	Recommended Loads			Maximum Loads					Cartridge Length	
SP 3.60 g 55 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S053	1.30	20.1	930	3050	1.370	21.1	975	3198	4260	61800
D063	1.20	18.5	930	3050	1.280	19.8	980	3215	4300	62400
S060	1.60	24.7	920	3018	1.700	26.2	971	3185	4200	61000
D073.4	1.60	24.7	960	3149	1.700	26.2	1010	3313	4150	60200
D073.5	1.60	24.7	960	3149	1.700	26.2	1026	3365	4240	61500
D073.6	1.65	25.5	965	3165	1.740	26.8	1015	3329	4020	58300
Bullet:	Recommended Loads			Maximum Loads					Cartridge Length	
SPBT 4.2 g 65 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	1.50	23.1	860	2821	1.600	24.7	920	3018	4000	58100
D073.4	1.50	23.1	860	2821	1.600	24.7	930	3050	4210	61100
D073.5	1.50	23.1	870	2854	1.600	24.7	940	3083	4150	60200
D073.6	1.60	24.7	900	2952	1.690	26.1	950	3116	4280	62100
Bullet:	Recommended Loads			Maximum Loads					Cartridge Length	
SPBT 4.5 g 69 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	1.50	23.1	860	2821	1.550	23.9	900	2952	4000	58100
D073.4	1.50	23.1	860	2821	1.570	24.2	910	2985	4210	61100
D073.5	1.50	23.1	865	2837	1.570	24.2	910	2985	4150	60200
D073.6	1.55	23.9	870	2854	1.650	25.5	910	2985	4260	61800

compressed

5.60 x 50 R Magnum										
Barrel Length: 600 mm				Case: Sellier & Bellot				Max. Cartridge Length: 61.00 mm		
Rise: 13.8"				Primer: 4.4 SPM Boxer S&B				Max. Pressure CIP: 3 400 Bar		
Bullet:	Recommended Loads			Maximum Loads					Cartridge Length	
FMJ 3.24 g 50 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	1.60	24.7	930	3050	1.670	25.8	980	3214	3360	48800
D073.4	1.60	24.7	940	3083	1.700	26.2	1000	3280	3380	49100
D073.5	1.60	24.7	940	3083	1.700	26.2	1010	3313	3390	49200
D073.6	1.70	26.2	960	3149	1.760	27.2	1015	3329	3360	48800
Bullet:	Recommended Loads			Maximum Loads					Cartridge Length	
SP 3.24 g 50 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	1.60	24.7	930	3050	1.670	25.8	980	3214	3360	48800
D073.4	1.60	24.7	940	3083	1.700	26.2	1000	3280	3380	49100
D073.5	1.60	24.7	940	3083	1.700	26.2	1010	3313	3390	49200
D073.6	1.70	26.2	960	3149	1.760	27.2	1015	3329	3360	48800
Bullet:	Recommended Loads			Maximum Loads					Cartridge Length	
FMJ 4.6 g 70 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	1.55	23.9	800	2624	1.650	25.5	860	2821	3250	47200
D073.4	1.60	24.7	840	2755	1.620	25.0	860	2821	3210	46600
D073.5	1.60	24.7	840	2755	1.650	25.5	860	2821	3180	46200
D073.6	1.65	25.5	850	2788	1.720	26.5	880	2886	3230	46900
S062	1.65	25.5	840	2755	1.730	26.7	870	2854	3220	46700
S065	1.80	27.8	840	2755	1.850	28.5	860	2821	3120	45300
Bullet:	Recommended Loads			Maximum Loads					Cartridge Length	
SP 4.6 g 70 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	1.55	23.9	800	2624	1.650	25.5	860	2821	3250	47200
D073.4	1.60	24.7	840	2755	1.620	25.0	860	2821	3210	46600
D073.5	1.60	24.7	840	2755	1.650	25.5	860	2821	3180	46200
D073.6	1.65	25.5	850	2788	1.720	26.5	880	2886	3230	46900
S062	1.65	25.5	840	2755	1.730	26.7	870	2854	3220	46700
S065	1.80	27.8	840	2755	1.850	28.5	860	2821	3120	45300

compressed

.243 Winchester										
Barrel Length: 600 mm				Case: Sellier & Bellot				Max. Cartridge Length: 68.83 mm		
Rise: 10"				Primer: 5.3 LR Boxer S&B				Max. Pressure CIP: 4 150 Bar		
Bullet:	Recommended Loads			Maximum Loads				Cartridge Length		
SP 6.5 g 100 grs	Powder Charge		Velocity V5		Powder Charge	Velocity V5		Pressure		
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	2.10	32.4	810	2657	2.200	33.9	830	2722	3980	57800
D073.4	2.10	32.4	820	2690	2.300	35.5	850	2788	4140	60100
D073.5	2.10	32.4	820	2690	2.302	35.5	840	2755	3950	57300
D073.6	2.10	32.4	810	2657	2.500	38.6	870	2854	4050	58800
S062	2.15	33.2	810	2657	2.400	37.0	860	2821	4120	59800
S065	2.30	35.5	830	2722	2.400	37.0	860	2821	4040	58600
S070	2.45	37.8	840	2755	2.650	40.9	885	2903	4000	58100

6.5 x 52 R										
Barrel Length: 600 mm				Case: Sellier & Bellot				Max. Cartridge Length: 64.50 mm		
Rise: 10.2"				Primer: 5.3 LR Boxer S&B				Max. Pressure CIP: 2 450 Bar		
Bullet:	Recommended Loads			Maximum Loads				Cartridge Length		
SP 7.6 g 117 grs	Powder Charge		Velocity V5		Powder Charge	Velocity V5		Pressure		
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	1.40	21.6	620	2034	1.480	22.8	670	2198	2400	34800
D073.4	1.40	21.6	625	2050	1.500	23.1	670	2198	2390	34700
D073.5	1.40	21.6	630	2066	1.500	23.1	665	2181	2390	34700
D073.6	1.45	22.4	640	2099	1.570	24.2	680	2230	2380	34500
S062	1.45	22.4	635	2083	1.600	24.7	685	2247	2430	35300
S065	1.60	24.7	635	2083	1.700	26.2	680	2230	2390	34700
S070	1.65	25.5	640	2099	1.750	27.0	680	2230	2360	34300



6.5 x 55 SE										
Barrel Length: 600 mm				Case: Sellier & Bellot				Max. Cartridge Length: 80.00 mm		
Rise: 8.66"				Primer: 5.3 LR Boxer S&B				Max. Pressure CIP: 3 800 Bar		
Bullet:	Recommended Loads			Maximum Loads				Cartridge Length		
FMJ-BT 9.1 g 140 grs	Powder Charge		Velocity V5		Powder Charge	Velocity V5		Pressure		
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	2.25	34.7	700	2296	2.350	36.3	765	2509	3730	54100
D073.4	2.15	33.2	720	2362	2.400	37.0	770	2526	3750	54400
D073.5	2.15	33.2	720	2362	2.400	37.0	770	2526	3720	54000
D073.6	2.20	33.9	720	2362	2.450	37.8	780	2558	3780	54900
S062	2.25	34.7	720	2362	2.400	37.0	780	2558	3780	54900
S065	2.45	37.8	730	2394	2.550	39.3	770	2526	3760	54600
S070	2.60	40.1	750	2460	2.750	42.4	790	2591	3710	53800
Bullet:	Recommended Loads			Maximum Loads				Cartridge Length		
SP 8.5 g 131 grs	Powder Charge		Velocity V5		Powder Charge	Velocity V5		Pressure		
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	2.35	36.3	750	2460	2.450	37.8	780	2558	3780	54900
D073.4	2.35	36.3	750	2460	2.550	39.3	800	2624	3785	54900
D073.5	2.35	36.3	750	2460	2.550	39.3	800	2624	3800	55200
D073.6	2.45	37.8	780	2558	2.600	40.1	810	2657	3780	54900
S062	2.35	36.3	750	2460	2.450	37.8	780	2558	3795	55100
S065	2.55	39.3	755	2476	2.650	40.9	790	2591	3760	54600
S070	2.70	41.7	760	2493	2.850	44.0	800	2624	3710	53800
Bullet:	Recommended Loads			Maximum Loads				Cartridge Length		
SP 9.1 g 140 grs	Powder Charge		Velocity V5		Powder Charge	Velocity V5		Pressure		
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	2.25	34.7	730	2394	2.350	36.3	760	2493	3800	55200
D073.4	2.15	33.2	720	2362	2.400	37.0	770	2526	3750	54400
D073.5	2.15	33.2	720	2362	2.400	37.0	770	2526	3720	54000
D073.6	2.20	33.9	720	2362	2.450	37.8	780	2558	3780	54900
S062	2.25	34.7	720	2362	2.350	36.3	750	2460	3780	54900
S065	2.45	37.8	730	2394	2.550	39.3	770	2526	3760	54600
S070	2.60	40.1	750	2460	2.750	42.4	790	2591	3710	53800

6.5 x 57											
Barrel Length: 600 mm				Case: Sellier & Bellot				Max. Cartridge Length: 82.00 mm			
Rise: 7.87"				Primer: 5.3 LR Boxer S&B				Max. Pressure CIP: 3 900 Bar			
Bullet:	Recommended Loads			Maximum Loads				Cartridge Length			
SP 8.5 g 131 grs	Powder Charge		Velocity V5		Powder Charge	Velocity V5		Pressure			
S060	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	Sellier & Bellot
D073.4											No. 2923
D073.5	2.25	34.7	760	2493	2.450	37.8	790	2591	3780	54900	77.00 mm
D073.6	2.25	34.7	760	2493	2.450	37.8	800	2624	3810	55300	
S062	2.25	34.7	760	2493	2.450	37.8	795	2608	3950	57300	
S065	2.30	35.5	760	2493	2.550	39.3	790	2591	3810	55300	
S062	2.50	38.6	745	2444	2.600	40.1	780	2558	3880	56300	
S065	2.60	40.1	750	2460	2.800	43.2	800	2624	3860	56000	
S070	2.70	41.7	750	2460	2.850	44.0	785	2575	3850	55900	

6.5 x 57 R											
Barrel Length: 600 mm				Case: Sellier & Bellot				Max. Cartridge Length: 82.00 mm			
Rise: 7.87"				Primer: 5.3 LR Boxer S&B				Max. Pressure CIP: 3 300 Bar			
Bullet:	Recommended Loads			Maximum Loads				Cartridge Length			
SP 8.5 g 131 grs	Powder Charge		Velocity V5		Powder Charge	Velocity V5		Pressure			
S060	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	Sellier & Bellot
D073.4											No. 2923
D073.5	2.25	34.7	760	2493	2.400	37.0	780	2558	3290	47800	77.00 mm
D073.6	2.30	35.5	760	2493	2.450	37.8	790	2591	3240	47000	
S062	2.35	36.3	770	2526	2.480	38.3	795	2608	3300	47900	
S065	2.35	36.3	760	2493	2.500	38.6	790	2591	3290	47800	
S062	2.40	37.0	745	2444	2.550	39.3	790	2591	3290	47800	
S065	2.60	40.1	760	2493	2.750	42.4	810	2657	3300	47900	
S070	2.70	41.7	770	2526	2.800	43.2	810	2657	3268	47400	

.270 Winchester											
Barrel Length: 600 mm				Case: Sellier & Bellot				Max. Cartridge Length: 84.84 mm			
Rise: 10.00"				Primer: 5.3 LR Boxer S&B				Max. Pressure CIP: 4 300 Bar			
Bullet:	Recommended Loads			Maximum Loads				Cartridge Length			
SP 9.7 g 150 grs	Powder Charge		Velocity V5		Powder Charge	Velocity V5		Pressure			
S060	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	Sellier & Bellot
D073.4											No. 2927
D073.5	2.90	44.7	800	2624	3.100	47.8	860	2821	4290	62300	82.30 mm
D073.6	2.85	44.0	810	2657	3.050	47.1	865	2837	4180	60700	
S062	2.85	44.0	800	2624	3.050	47.1	860	2821	4280	62100	
D073.6	2.90	44.7	805	2640	3.100	47.8	870	2854	4200	61000	
S062	2.95	45.5	810	2657	3.150	48.6	860	2821	4180	60700	
S065	3.10	47.8	800	2624	3.400	52.5	870	2854	4190	60800	
S070	3.30	50.9	800	2624	3.500	54.0	880	2886	4250	61700	

7 x 57											
Barrel Length: 600 mm				Case: Sellier & Bellot				Max. Cartridge Length: 78.00 mm			
Rise: 8.66"				Primer: 5.3 LR Boxer S&B				Max. Pressure CIP: 3 900 Bar			
Bullet:	Recommended Loads			Maximum Loads				Cartridge Length			
FMJ 9.1 g 140 grs	Powder Charge		Velocity V5		Powder Charge	Velocity V5		Pressure			
S060	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	Sellier & Bellot
D073.6											No. 2955
S062	2.65	40.9	790	2591	2.850	44.0	840	2755	3875	56200	78.00 mm
D073.6	2.65	40.9	790	2591	3.000	46.3	850	2788	3870	56200	
S062	2.80	43.2	720	2362	2.900	44.7	845	2772	3880	56300	
S065	2.85	44.0	800	2624	3.200	49.4	850	2788	3820	55400	
S070	2.95	45.5	805	2640	3.250	50.1	845	2772	3750	54400	
Bullet:	Recommended Loads			Maximum Loads				Cartridge Length			
SPC 9.0 g 139 grs	Powder Charge		Velocity V5		Powder Charge	Velocity V5		Pressure			

2.65	40.9	790	2591	2.850	44.0	835	2739	3850	55900	
D073.6	2.65	40.9	790	2591	3.000	46.3	850	2788	3810	55300
S062	2.80	43.2	800	2624	2.900	44.7	845	2772	3800	55200
S065	2.85	44.0	800	2624	3.150	48.6	840	2755	3750	54400
S070	2.95	45.5	805	2640	3.200	49.4	845	2772	3750	54400
Bullet:	Recommended Loads			Maximum Loads				Cartridge Length		
SPCE 11.2 g 173 grs	Powder Charge		Velocity V5		Powder Charge	Velocity V5		Pressure		

2.45	37.8	710	2329	2.650	40.9	743	2437	3875	56200	
D073.6	2.45	37.8	710	2329	2.650	40.9	760	2493	3870	56200
S062	2.55	39.3	720	2362	2.750	42.4	751	2463	3880	56300
S065	2.70	41.7	730	2394	2.950	45.5	755	2476	3880	56300
S070	2.80	43.2	735	2411	3.050	47.1	753	2470	3750	54400
Bullet:	Recommended Loads			Maximum Loads				Cartridge Length		
HPC 10.2 g 158 grs	Powder Charge		Velocity V5		Powder Charge	Velocity V5		Pressure		

2.45	37.8	730	2394	2.700	41.7	770	2526	3870	56200	
D073.6	2.45	37.8	730	2394	2.700	41.7	770	2526	3870	56200
S062	2.55	39.3	740	2427	2.750	42.4	770	2526	3880	56300
S065	2.70	41.7	750	2460	2.950	45.5	775	2542	3760	54600
S070	2.80	43.2	755	2476	3.050	47.1	780	2558	3750	54400

compressed

7x57 R										
Barrel Length: 600 mm				Case: Sellier & Bellot				Max. Cartridge Length: 78.00 mm		
Rise: 8.66"				Primer: 5.3 LR Boxer S&B				Max. Pressure CIP: 3 400 Bar		
Bullet:	Recommended Loads			Maximum Loads					Cartridge Length	
FMJ 9.1 g 140 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	2.65	40.9	790	2591	2.850	44.0	840	2755	3875	56200
D073.6	2.65	40.9	790	2591	3.000	46.3	850	2788	3870	56200
S062	2.80	43.2	720	2362	2.900	44.7	845	2772	3880	56300
S065	2.85	44.0	800	2624	3.200	49.4	850	2788	3820	55400
S070	2.95	45.5	805	2640	3.250	50.1	845	2772	3750	54400
Bullet:	Recommended Loads			Maximum Loads					Cartridge Length	
SP 9.0 g 139 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	2.65	40.9	790	2591	2.850	44.0	835	2739	3850	55900
D073.6	2.65	40.9	790	2591	3.000	46.3	850	2788	3810	55300
S062	2.80	43.2	800	2624	2.900	44.7	845	2772	3800	55200
S065	2.85	44.0	800	2624	3.150	48.6	840	2755	3750	54400
S070	2.95	45.5	805	2640	3.200	49.4	845	2772	3750	54400
Bullet:	Recommended Loads			Maximum Loads					Cartridge Length	
SPCE 11.2 g 173 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	2.45	37.8	710	2329	2.650	40.9	743	2437	3875	56200
D073.6	2.45	37.8	710	2329	2.650	40.9	760	2493	3870	56200
S062	2.55	39.3	720	2362	2.750	42.4	751	2463	3880	56300
S065	2.70	41.7	730	2394	2.950	45.5	755	2476	3880	56300
S070	2.80	43.2	735	2411	3.050	47.1	753	2470	3750	54400
Bullet:	Recommended Loads			Maximum Loads					Cartridge Length	
HPC 10.2 g 158 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	2.45	37.8	730	2394	2.650	40.9	763	2503	3875	56200
D073.6	2.45	37.8	730	2394	2.700	41.7	770	2526	3870	56200
S062	2.55	39.3	740	2427	2.750	42.4	770	2526	3880	56300
S065	2.70	41.7	750	2460	2.950	45.5	775	2542	3760	54600
S070	2.80	43.2	755	2476	3.050	47.1	780	2558	3750	54400

compressed

7x64										
Barrel Length: 600 mm					Case: Sellier & Bellot					Max. Cartridge Length: 84.00 mm
Rise: 8.66"				Primer: 5.3 LR Boxer S&B				Max. Pressure CIP: 4 150 Bar		
Bullet:	Recommended Loads			Maximum Loads					Cartridge Length	
FMJ 9.1 g 140 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	3.10	47.8	800	2624	3.30	50.9	880	2886	3875	56200
D073.6	3.10	47.8	840	2755	3.30	50.9	870	2854	3870	56200
S062	3.15	48.6	810	2657	3.35	51.7	880	2886	3880	56300
S065	3.40	52.5	820	2690	3.60	55.5	890	2919	3820	55400
S070	3.55	54.8	840	2755	3.70	57.1	900	2952	3750	54400
Bullet:	Recommended Loads			Maximum Loads					Cartridge Length	
SP 9.0 g 139 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	3.10	47.8	800	2624	3.30	50.9	880	2886	4100	59500
D073.6	3.10	47.8	800	2624	3.30	50.9	870	2854	3980	57800
S062	3.15	48.6	810	2657	3.35	51.7	880	2886	4098	59500
S065	3.40	52.5	820	2690	3.60	55.5	890	2919	4100	59500
S070	3.55	54.8	840	2755	3.70	57.1	900	2952	4130	60000
Bullet:	Recommended Loads			Maximum Loads					Cartridge Length	
SPCE 11.9 g 173 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	2.75	42.4	735	2411	2.95	45.5	780	2558	4150	60200
D073.6	2.80	43.2	750	2460	3.00	46.3	800	2624	4120	59800
S062	2.90	44.7	755	2476	3.05	47.1	800	2624	4130	59900
S065	3.10	47.8	760	2493	3.25	50.1	805	2640	4085	59300
S070	3.15	48.6	760	2493	3.35	51.7	810	2657	4130	59900
Bullet:	Recommended Loads			Maximum Loads					Cartridge Length	
HPC 10.2 g 158 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	2.80	43.2	755	2476	3.00	46.3	820	2690	4150	60200
D073.6	2.85	44.0	760	2493	3.05	47.1	815	2673	4120	59800
S062	2.90	44.7	780	2558	3.10	47.8	820	2690	4150	60200
S065	3.20	49.4	800	2624	3.30	50.9	830	2722	4090	59400
S070	3.25	50.1	810	2657	3.40	52.5	840	2755	4110	59700

7x65 R										
Barrel Length: 600 mm				Case: Sellier & Bellot				Max. Cartridge Length: 83.60 mm		
Rise: 8.66"				Primer: 5.3 LR Boxer S&B				Max. Pressure CIP: 3 800 Bar		
Bullet:	Recommended Loads			Maximum Loads					Cartridge Length	
FMJ 9.1 g 140 grs	Powder Charge	Velocity V5		Powder Charge	Velocity V5		Pressure			
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	3.10	47.8	820	2690	3.20	49.4	860	2821	3790	55000
D073.6	3.10	47.8	840	2755	3.20	49.4	870	2854	3785	54900
S062	3.15	48.6	830	2722	3.30	50.9	865	2837	3790	55000
S065	3.40	52.5	830	2722	3.55	54.8	865	2837	3752	54500
S070	3.50	54.0	840	2755	3.65	56.3	877	2877	3770	54700
Bullet:	Recommended Loads			Maximum Loads						
SP 9.0 g 139 grs	Powder Charge	Velocity V5		Powder Charge	Velocity V5		Pressure		Cartridge Length	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	3.10	47.8	820	2690	3.20	49.4	860	2821	3785	54900
D073.6	3.10	47.8	840	2755	3.20	49.4	870	2854	3760	54600
S062	3.15	48.6	830	2722	3.30	50.9	865	2837	3795	55100
S065	3.40	52.5	830	2722	3.55	54.8	865	2837	3740	54300
S070	3.50	54.0	840	2755	3.65	56.3	877	2877	3760	54600
Bullet:	Recommended Loads			Maximum Loads						
SPCE 11.9 g 173 grs	Powder Charge	Velocity V5		Powder Charge	Velocity V5		Pressure		Cartridge Length	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	2.75	42.4	735	2411	2.95	45.5	760	2493	3800	55200
D073.6	2.80	43.2	740	2427	2.95	45.5	775	2542	3790	55000
S062	2.90	44.7	750	2460	3.05	47.1	785	2575	3790	55000
S065	3.10	47.8	760	2493	3.25	50.1	785	2575	3710	53800
S070	3.15	48.6	760	2493	3.35	51.7	790	2591	3770	54700
Bullet:	Recommended Loads			Maximum Loads						
HPC 10.2 g 158 grs	Powder Charge	Velocity V5		Powder Charge	Velocity V5		Pressure		Cartridge Length	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	2.80	43.2	760	2493	3.00	46.3	800	2624	3820	55400
D073.6	2.85	44.0	760	2493	3.00	46.3	805	2640	3830	55600
S062	2.90	44.7	780	2558	3.10	47.8	810	2657	3800	55200
S065	3.20	49.4	790	2591	3.30	50.9	815	2673	3710	53800
S070	3.25	50.1	795	2608	3.40	52.5	840	2755	4110	59700

7 mm Remington Magnum										
Barrel Length: 650 mm					Case: Sellier & Bellot					Max. Cartridge Length: 83.57 mm
Rise: 9.49"					Primer: 5.3 LR Boxer S&B					Max. Pressure CIP: 4 300 Bar
Bullet:	Recommended Loads			Maximum Loads					Cartridge Length	
SPCE 11.2 g 173 grs	Powder Charge	Velocity V5		Powder Charge	Velocity V5		Pressure			
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	3.20	49.4	810	2657	3.35	51.7	830	2722	4180	60700
D073.6	3.25	50.1	800	2624	3.45	53.2	830	2722	4280	62100
S062	3.30	50.9	810	2657	3.45	53.2	840	2755	4250	61700
S065	3.50	54.0	810	2657	3.75	57.9	845	2772	4290	62300
S070	3.60	55.5	820	2690	3.80	58.6	855	2804	4210	61100
Bullet:	Recommended Loads			Maximum Loads						
SP 9.7 g 150 grs	Powder Charge	Velocity V5		Powder Charge	Velocity V5		Pressure		Cartridge Length	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	2.50	38.6	715	2345	2.60	40.1	740	2427	3620	52500
D073.4	2.50	38.6	720	2362	2.60	40.1	745	2444	3600	52300
D073.5	2.50	38.6	715	2345	2.65	40.9	755	2476	3650	53000
D073.6	2.55	39.3	715	2345	2.75	42.4	760	2493	3640	52800
S062	2.65	40.9	730	2394	2.75	42.4	760	2493	3610	52400
Bullet:	Recommended Loads			Maximum Loads						
SP 9.7 g 150 grs	Powder Charge	Velocity V5		Powder Charge	Velocity V5		Pressure		Cartridge Length	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	2.65	40.9	790	2591	2.80	43.2	820	2690	3640	52800
D073.4	2.65	40.9	795	2608	2.85	44.0	825	2706	3600	52300
D073.5	2.65	40.9	790	2591	2.85	44.0	830	2722	3620	52500
D073.6	2.75	42.4	800	2624	2.95	45.5	840	2755	3610	52400
S062	2.80	43.2	810	2657	2.95	45.5	850	2788	3660	53100
Bullet:	Recommended Loads			Maximum Loads						
.30 Carbine	Powder Charge	Velocity V5		Powder Charge	Velocity V5		Pressure		Cartridge Length	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S040	0.75	11.6	600	1968	0.85	13.1	645	2116	3175	46100
D063	0.85	13.1	605	1984	0.95	14.7	650	2132	3189	46300

.30-30 Winchester										
Barrel Length: 600 mm				Case: Sellier & Bellot				Max. Cartridge Length: 64.77 mm		
Rise: 12"				Primer: 5.3 LR Boxer S&B				Max. Pressure CIP: 3 200 Bar		
Bullet:	Recommended Loads			Maximum Loads				Cartridge Length		
SP 9.7 g 150 grs	Powder Charge	Velocity V5		Powder Charge	Velocity V5		Pressure	64.00 mm		
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	2.00	30.9	680	2230	2.13	32.9	720	2362	3190	46300
D073.4	2.00	30.9	650	2132	2.15	33.2	710	2329	3150	45700
D073.5	2.00	30.9	650	2132	2.15	33.2	710	2329	3140	45600
D073.6	2.15	33.2	680	2230	2.30	35.5	740	2427	3165	45900
	Powder Charge	Velocity V5		Powder Charge	Velocity V5		Pressure			
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	2.00	30.9	680	2230	2.13	32.9	720	2362	3190	46300
D073.4	2.00	30.9	650	2132	2.15	33.2	710	2329	3150	45700
D073.5	2.00	30.9	650	2132	2.15	33.2	710	2329	3140	45600
D073.6	2.15	33.2	680	2230	2.30	35.5	740	2427	3165	45900

compressed

.308 Winchester (continued)										
Bullet:	Recommended Loads				Maximum Loads					
SP 11.7 g 180 grs	Powder Charge	Velocity V5			Powder Charge	Velocity V5		Pressure	Cartridge Length	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	2.50	38.6	710	2329	2.60	40.1	750	2460	4120	59800
D073.4	2.50	38.6	730	2394	2.70	41.7	780	2558	4130	59900
D073.5	2.50	38.6	725	2378	2.70	41.7	780	2558	4000	58100
D073.6	2.60	40.1	740	2427	2.80	43.2	790	2591	4080	59200
S062	2.60	40.1	720	2362	2.75	42.4	760	2493	3950	57300
S065	2.60	40.1	680	2230	2.75	42.4	700	2296	3080	44700
Bullet:	Recommended Loads				Maximum Loads					
SPCE 9.7 g 150 grs	Powder Charge	Velocity V5			Powder Charge	Velocity V5		Pressure	Cartridge Length	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	2.75	42.4	820	2690	2.90	44.7	860	2821	4090	59400
D073.4	2.75	42.4	815	2673	2.90	44.7	855	2804	4000	58100
D073.5	2.75	42.4	810	2657	2.95	45.5	865	2837	4100	59500
D073.6	2.85	44.0	820	2690	3.00	46.3	870	2854	4000	58100
S062	2.80	43.2	810	2657	2.95	45.5	860	2821	3827	55500
S065	2.90	44.7	760	2493	3.00	46.3	800	2624	3200	46400
Bullet:	Recommended Loads				Maximum Loads					
HPC 11.7 g 180 grs	Powder Charge	Velocity V5			Powder Charge	Velocity V5		Pressure	Cartridge Length	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	2.50	38.6	750	2460	2.60	40.1	770	2526	4080	59200
D073.4	2.50	38.6	735	2411	2.65	40.9	770	2526	4020	58300
D073.5	2.50	38.6	730	2394	2.65	40.9	775	2542	4050	58800
D073.6	2.60	40.1	745	2444	2.75	42.4	780	2558	4100	59500
S062	2.60	40.1	760	2493	2.73	42.1	790	2591	4100	59500
S065	2.65	40.9	720	2362	2.75	42.4	750	2460	3400	49300
Bullet:	Recommended Loads				Maximum Loads					
HPBT 10.9 g 168 grs	Powder Charge	Velocity V5			Powder Charge	Velocity V5		Pressure	Cartridge Length	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	2.60	40.1	770	2526	2.72	42.0	810	2657	4120	59800
D073.4	2.70	41.7	770	2526	2.85	44.0	815	2673	4130	59900
D073.5	2.70	41.7	775	2542	2.85	44.0	810	2657	4140	60100
D073.6	2.80	43.2	780	2558	2.95	45.5	825	2706	4080	59200
S062	2.70	41.7	780	2558	2.80	43.2	810	2657	3890	56500
S065	2.75	42.4	730	2394	2.80	43.2	750	2460	3100	45000

compressed

.30-06 Springfield										
Barrel Length: 600 mm				Case: Sellier & Bellot				Max. Cartridge Length: 84.84 mm		
Rise: 10"				Primer: 5.3 LR Boxer S&B				Max. Pressure CIP: 4 050 Bar		
Bullet:	Recommended Loads			Maximum Loads				Cartridge Length		
FMJ 11.7 g 180 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	2.90	44.7	750	2460	3.10	47.8	790	2591	4010	58200
D073.4	2.95	45.5	765	2509	3.05	47.1	795	2608	3980	57800
D073.5	2.95	45.5	760	2493	3.05	47.1	790	2591	4040	58600
S062	3.00	46.3	750	2460	3.22	49.7	828	2716	4000	58100
S065	3.20	49.4	755	2476	3.45	53.2	810	2657	4050	58800
D073.6	3.00	46.3	760	2493	3.20	49.4	810	2657	4050	58800
S070	3.30	50.9	745	2444	3.65	56.3	825	2706	4050	58800
Bullet:	Recommended Loads			Maximum Loads				Cartridge Length		
SP 11.7 g 180 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	3.00	46.3	760	2493	3.20	49.4	810	2657	3975	57700
D073.4	3.00	46.3	757	2483	3.20	49.4	800	2624	3950	57300
D073.5	3.00	46.3	760	2493	3.20	49.4	800	2624	3890	56500
S062	3.10	47.8	765	2509	3.35	51.7	820	2690	3980	57800
S065	3.35	51.7	765	2509	3.60	55.5	820	2690	3985	57800
D073.6	3.15	48.6	775	2542	3.35	51.7	815	2673	3990	57900
S070	3.45	53.2	776	2545	3.70	57.1	832	2729	4010	58200
Bullet:	Recommended Loads			Maximum Loads				Cartridge Length		
SPCE 9.7 g 150 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure	
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	3.10	47.8	830	2722	3.35	51.7	875	2870	4020	58300
D073.4	3.15	48.6	835	2739	3.30	50.9	880	2886	3960	57500
D073.5	3.15	48.6	830	2722	3.30	50.9	877	2877	3980	57800
S062	3.20	49.4	827	2713	3.45	53.2	880	2886	3950	57300
S065	3.45	53.2	824	2703	3.70	57.1	880	2886	3860	56000
D073.6	3.25	50.1	835	2739	3.45	53.2	880	2886	3870	56200
S070	3.50	54.0	835	2739	3.65	56.3	870	2854	3700	53700

compressed

.30-06 Springfield (continued)											Cartridge Length
Bullet:	Recommended Loads				Maximum Loads						Cartridge Length
HPC 11.7 g 180 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure		Sellier & Bellot No. 2983
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	
S060	3.00	46.3	775	2542	3.15	48.6	810	2657	4045	58700	83.40 mm
D073.4	2.95	45.5	765	2509	3.10	47.8	800	2624	4040	58600	
D073.5	2.95	45.5	760	2493	3.10	47.8	800	2624	4050	58800	
S062	3.10	47.8	775	2542	3.25	50.1	817	2680	4040	58600	
S065	3.25	50.1	765	2509	3.50	54.0	825	2706	4035	58600	
D073.6	3.10	47.8	785	2575	3.20	49.4	805	2640	4050	58800	
S070	3.35	51.7	774	2539	3.55	54.8	820	2690	3980	57800	
Bullet:	Recommended Loads				Maximum Loads						Cartridge Length
HPBT 10.9 g 168 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure		Sierra No. 2200
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	
S060	3.05	47.1	800	2624	3.20	49.4	830	2722	3960	57500	82.50 mm
D073.4	2.95	45.5	765	2509	3.20	49.4	825	2706	3910	56800	
D073.5	2.95	45.5	760	2493	3.20	49.4	827	2713	3940	57200	
S062	3.20	49.4	810	2657	3.35	51.7	842	2762	4025	58400	
S065	3.40	52.5	803	2634	3.60	55.5	851	2791	4030	58500	
D073.6	3.15	48.6	805	2640	3.35	51.7	840	2755	4040	58600	
S070	3.45	53.2	800	2624	3.65	56.3	835	2739	3890	56500	

.300 Winchester Magnum											
Barrel Length: 650 mm	Case: Sellier & Bellot				Max. Cartridge Length: 84.84 mm						
Rise: 10"	Primer: 5.3 LR Boxer S&B				Max. Pressure CIP: 4 300 Bar						
Bullet:	Recommended Loads				Maximum Loads						Cartridge Length
SPCE 11.7 g 180 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure		Sellier & Bellot No. 2935
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	
S062	3.80	58.6	845	2772	4.00	61.7	880	2886	4290	62300	84.80 mm
S065	4.00	61.7	853	2798	4.20	64.8	887	2909	4230	61400	
S070	4.30	66.3	860	2821	4.50	69.4	900	2952	4230	61400	
Bullet:	Recommended Loads				Maximum Loads						Cartridge Length
HPBT 10.9 g 168 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure		Sierra No. 2200
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	
S062	3.80	58.6	866	2840	4.05	62.5	910	2985	4260	61800	84.80 mm
S065	4.05	62.5	878	2880	4.25	65.6	913	2995	4190	60800	
S070	4.30	66.3	870	2854	4.55	70.2	920	3018	4190	60800	

compressed

7.62 x 39											
Barrel Length: 600 mm				Case: Sellier & Bellot				Max. Cartridge Length: 56.00 mm			
Rise: 9.46"				Primer: 5.3 LR Boxer S&B				Max. Pressure CIP: 3 550 Bar			
Bullet:	Recommended Loads			Maximum Loads				Cartridge Length			
FMJ 8.0 g 123 grs	Powder Charge		Velocity V5		Powder Charge	Velocity V5		Pressure			
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	Sellier & Bellot
S053	1.50	23.1	715	2345	1.62	25.0	765	2509	3490	50700	No. 2907
D063	1.50	23.1	730	2394	1.65	25.5	770	2526	3520	51100	56.00 mm
Bullet:	Recommended Loads			Maximum Loads				Cartridge Length			
SP 8.0 g 123 grs	Powder Charge		Velocity V5		Powder Charge	Velocity V5		Pressure			
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	Sellier & Bellot
S053	1.50	23.1	720	2362	1.62	25.0	760	2493	3520	51100	No. 2943
D063	1.50	23.1	725	2378	1.65	25.5	765	2509	3540	51400	54.00 mm

7.62 x 54 R											
Barrel Length: 730 mm				Case: Sellier & Bellot				Max. Cartridge Length: 77.20 mm			
Rise: 9.46"				Primer: 5.3 LR Boxer S&B				Max. Pressure CIP: 3 900 Bar			
Bullet:	Recommended Loads			Maximum Loads				Cartridge Length			
FMJ 11.7 g 180 grs	Powder Charge		Velocity V5		Powder Charge	Velocity V5		Pressure			
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	Sellier & Bellot
S060	2.75	42.4	760	2493	3.00	46.3	830	2722	3900	56600	No. 2909
D073.4	2.90	44.7	765	2509	3.05	47.1	805	2640	3890	56500	75.00 mm
D073.5	2.90	44.7	760	2493	3.05	47.1	800	2624	3860	56000	
S062	2.90	44.7	792	2598	3.10	47.8	835	2739	3860	56000	
S065	3.10	47.8	782	2565	3.30	50.9	831	2726	3700	53700	
D073.6	3.00	46.3	770	2526	3.15	48.6	800	2624	3900	56600	
Bullet:	Recommended Loads			Maximum Loads				Cartridge Length			
SP 11.7 g 180 grs	Powder Charge		Velocity V5		Powder Charge	Velocity V5		Pressure			
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	Sellier & Bellot
S060	2.80	43.2	775	2542	3.05	47.1	830	2722	3870	56200	No. 2940
D073.4	2.90	44.7	780	2558	3.05	47.1	800	2624	3840	55700	73.00 mm
D073.5	2.90	44.7	775	2542	3.05	47.1	800	2624	3875	56200	
S062	2.95	45.5	790	2591	3.15	48.6	838	2749	3790	55000	
S065	3.15	48.6	785	2575	3.38	52.2	840	2755	3740	54300	
D073.6	3.00	46.3	770	2526	3.15	48.6	800	2624	3880	56300	

compressed

7.62 x 54 R (continued)											
Bullet:	Recommended Loads				Maximum Loads				Cartridge Length		
HPBT 11.3 g 174 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5				
S060	2.80	43.2	790	2591	2.95	45.5	825	2706	3860	56000	77.10 mm
D073.4	2.95	45.5	780	2558	3.10	47.8	810	2657	3870	56200	
D073.5	2.95	45.5	775	2542	3.10	47.8	805	2640	3860	56000	
S062	2.95	45.5	810	2657	3.10	47.8	840	2755	3800	55200	
S065	3.15	48.6	800	2624	3.25	50.1	830	2722	3520	51100	
D073.6	3.10	47.8	790	2591	3.25	50.1	825	2706	3820	55400	

8 x 57 JR											
Barrel Length: 600 mm				Case: Sellier & Bellot				Max. Cartridge Length: 82.00 mm			
Rise: 9.46"				Primer: 5.3 LR Boxer S&B				Max. Pressure CIP: 3 200 Bar			
Bullet:	Recommended Loads			Maximum Loads				Cartridge Length			
SP 12.7 g 196 grs	Powder Charge		Velocity V5		Powder Charge	Velocity V5		Pressure			
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	Sellier & Bellot
S060	2.50	38.6	650	2132	2.70	41.7	720	2362	2890	41900	78.00 mm
S062	2.55	39.3	650	2132	2.80	43.2	736	2414	2850	41400	
S065	2.80	43.2	670	2198	3.10	47.8	742	2434	2970	43100	
S070	3.00	46.3	690	2263	3.20	49.4	746	2447	2980	43300	

8 x 57 JS											
Barrel Length: 600 mm				Case: Sellier & Bellot				Max. Cartridge Length: 82.00 mm			
Rise: 9.46"				Primer: 5.3 LR Boxer S&B				Max. Pressure CIP: 3 900 Bar			
Bullet:	Recommended Loads			Maximum Loads				Cartridge Length			
FMJ 12.7 g 196 grs	Powder Charge		Velocity V5		Powder Charge	Velocity V5		Pressure			
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	Sellier & Bellot
S062	2.80	43.2	720	2362	3.10	47.8	764	2506	3710	53900	79.00 mm
S065	3.10	47.8	700	2296	3.20	49.4	762	2499	3620	52500	
S070	3.25	50.1	695	2280	3.40	52.5	745	2444	3420	49600	
Bullet:	Recommended Loads			Maximum Loads				Cartridge Length			
SPCE 12.7 g 196 grs	Powder Charge		Velocity V5		Powder Charge	Velocity V5		Pressure			
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	Sellier & Bellot
S062	3.00	46.3	740	2427	3.20	49.4	780	2558	3860	56000	76.60 mm
S065	3.10	47.8	700	2296	3.35	51.7	760	2493	3720	54000	
S070	3.20	49.4	695	2280	3.35	51.7	740	2427	3452	50100	

compressed

8 x 57 JS (continued)

Bullet:	Recommended Loads				Maximum Loads					Cartridge Length	
HPC	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure		
12.7 g 196 grs	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	Sellier & Bellot No. 2986
S062	2.85	44.0	710	2329	3.15	48.6	770	2526	3790	55000	
S065	3.15	48.6	700	2296	3.30	50.9	755	2476	3680	53400	
S070	3.25	50.1	700	2296	3.35	51.7	745	2444	3350	48600	80.00 mm
Bullet:	Recommended Loads				Maximum Loads					Cartridge Length	
SBT	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure		
14.26 g 220 grs	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	Sierra No. 2420
S062	2.85	44.0	700	2296	3.05	47.1	735	2411	3890	56500	
S065	2.90	44.7	690	2263	3.25	50.1	715	2345	3680	53400	79.00 mm
S070	3.20	49.4	700	2296	3.30	50.9	710	2329	3650	53000	

8 x 57 JRS

Barrel Length: 600 mm	Case: Sellier & Bellot	Max. Cartridge Length: 82.00 mm									
Rise: 9.46"	Primer: 5.3 LR Boxer S&B	Max. Pressure CIP: 3 300 Bar									
Bullet:	Recommended Loads		Maximum Loads			Cartridge Length					
SPCE	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure		Sellier & Bellot No. 2945
12.7 g 196 grs	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	
S062	2.90	44.7	700	2296	3.05	47.1	740	2427	3160	45900	79.00 mm
S065	3.10	47.8	700	2296	3.30	50.9	741	2430	3240	47000	
S070	3.20	49.4	705	2312	3.40	52.5	748	2453	3250	47200	Cartridge Length
Bullet:	Recommended Loads		Maximum Loads			Cartridge Length					
HPC	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure		Sellier & Bellot No. 2986
12.7 g 196 grs	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	
S062	2.85	44.0	710	2329	3.00	46.3	751	2463	3280	47600	79.6 mm
S065	3.05	47.1	700	2296	3.20	49.4	745	2444	3190	46300	
S070	3.20	49.4	720	2362	3.30	50.9	742	2434	3250	47200	Cartridge Length
Bullet:	Recommended Loads		Maximum Loads			Cartridge Length					
SBT	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure		Sierra No. 2420
14.26 g 220 grs	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	
S062	2.85	44.0	680	2230	2.95	45.5	710	2329	3250	47200	79.00 mm
S065	2.90	44.7	660	2165	3.10	47.8	695	2280	3080	44700	
S070	3.10	47.8	680	2230	3.25	50.1	710	2329	3180	46200	Cartridge Length

compressed

8 x 64 S

Barrel Length: 600 mm	Case: Sellier & Bellot	Max. Cartridge Length: 87.50 mm									
Rise: 9.46"	Primer: 5.3 LR Boxer S&B	Max. Pressure CIP: 4 050 Bar									
Bullet:	Recommended Loads		Maximum Loads			Cartridge Length					
SPCE	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure		Sellier & Bellot No. 2945
12.7 g 196 grs	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	
S062	3.10	47.8	740	2427	3.35	51.7	805	2640	3890	56500	83.00 mm
S065	3.40	52.5	750	2460	3.55	54.8	790	2591	3720	54000	
S070	3.45	53.2	740	2427	3.60	55.5	780	2558	3620	52500	Cartridge Length
Bullet:	Recommended Loads		Maximum Loads			Cartridge Length					
HPC	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure		Sellier & Bellot No. 2986
12.7 g 196 grs	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	
S062	3.00	46.3	740	2427	3.35	51.7	800	2624	3860	56000	86.7 mm
S065	3.30	50.9	745	2444	3.55	54.8	790	2591	3720	54000	
S070	3.45	53.2	746	2447	3.60	55.5	780	2558	3580	52000	Cartridge Length

9.3 x 62

Barrel Length: 600 mm	Case: Sellier & Bellot	Max. Cartridge Length: 83.60 mm									
Rise: 14.18"	Primer: 5.3 LR Boxer S&B	Max. Pressure CIP: 3 900 Bar									
Bullet:	Recommended Loads		Maximum Loads			Cartridge Length					
SP	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure		Sellier & Bellot No. 2952
18.5 g 285 grs	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	
S060	3.45	53.2	680	2230	3.60	55.5	715	2345	3890	56500	83.00 mm
D073.4	3.45	53.2	678	2224	3.60	55.5	706	2316	3890	56500	
D073.5	3.45	53.2	680	2230	3.65	56.3	716	2348	3900	56600	Cartridge Length
S062	3.50	54.0	680	2230	3.75	57.9	715	2345	3790	55000	
S065	3.80	58.6	676	2217	4.00	61.7	710	2329	3620	52500	83.00 mm
D073.6	3.50	54.0	685	2247	3.70	57.1	710	2329	3870	56200	
S070	3.90	60.2	680	2230	4.05	62.5	710	2329	3460	50200	Cartridge Length

9.3 x 72 R

Barrel Length: 600 mm	Case: Sellier & Bellot	Max. Cartridge Length: 86.00 mm									
Rise: 15.54"	Primer: 5.3 LR Boxer S&B	Max. Pressure CIP: 2 000 Bar									
Bullet:	Recommended Loads		Maximum Loads			Cartridge Length					
SP	Powder Charge		Velocity V5		Powder Charge		Velocity V5		Pressure		Sellier & Bellot No. 2951
12.5 g 193 grs	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI	
S060	2.65	40.9	610	2001	2.85	44.0	655	2148	1980	28700	83.00 mm
S062	2.85	44.0	613	2011	3.10	47.8	670	2198	1960	28400	
S065	3.10	47.8	610	2001	3.35	51.7	668	2191	1970	28600	Cartridge Length
S070	3.35	51.7	635	2083	3.45	53.2	672	2204	1980	28700	

compressed

RIFLE DATA

9.3 x 74 R										
Barrel Length: 600 mm				Case: Sellier & Bellot				Max. Cartridge Length: 94.50 mm		
Rise: 14.17"				Primer: 5.3 LR Boxer S&B				Max. Pressure CIP: 3 400 Bar		
Bullet:	Recommended Loads			Maximum Loads					Cartridge Length	
SP 18.5 g 285 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5			
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
S060	3.40	52.5	650	2132	3.55	54.8	675	2214	3280	47600
S062	3.50	54.0	650	2132	3.70	57.1	700	2296	3340	48500
S065	3.70	57.1	640	2099	4.00	61.7	695	2280	3320	48200
S070	3.90	60.2	650	2132	4.10	63.3	702	2303	3310	48000

.45-70 GOVERNMENT (Trapdoor Springfield)										
Barrel Length: 600 mm				Case: Winchester				Max. Cartridge Length: 64.77 mm		
Rise: 20"				Primer: CCI 200				Max. Pressure CIP: 2 200 Bar		
Bullet:	Recommended Loads			Maximum Loads					Cartridge Length	
(L) 24.5 g 378 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5			
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
D060	1.65	25.5	380	1246	1.80	27.8	420	1378	2000	29000
S070	3.00	46.3	370	1214	3.35	51.7	430	1410	2100	30500
Bullet:	Recommended Loads			Maximum Loads						
(L) 32.4 g 500 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5			
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
D060	1.50	23.1	360	1181	1.60	24.7	380	1246	2100	30500
S070	2.40	37.0	350	1148	2.60	40.1	370	1214	2050	29800

.50 BROWNING										
Barrel Length: 1 143 mm				Case: PMC				Max. Cartridge Length: 138.40 mm		
Rise: 15"				Primer: CCI No. 35				Max. Pressure CIP: 3 700 Bar		
Bullet:	Recommended Loads			Maximum Loads					Cartridge Length	
HDY 48.6 g 750 grs	Powder Charge		Velocity V5		Powder Charge		Velocity V5			
	Grams	Grains	m/s	FPS	Grams	Grains	m/s	FPS	Bar	PSI
D100	13.20	203.7	820	2690	15.50	239.2	870	2854	3580	52000

compressed

LOVEX	Accurate	Alliant	Hodgdon	IMR	Norma	PB	Ramshot	RWS	Vectan	Vihtavuori	Winchester	Fast Burning
						PCL 514						
			Titewad									
				R1								WST
S011	Nitro 100			HP38				P805	Ba10	N310		
	Solo 1000	Bullseye	Titegroup	Trail Boss				P801			231	
			Clays				Competition				452	
D032	No. 2	Red Dot		Hi-Skor 700X		PCL506				N320	WSL	
S020	Solo 1250	American Select	Clays Inf	PB					AS		473	
		Promo		SR7625			Zip			N32C		
		Green Dot						P804	A1			
D036	No. 5	Unique	Clays Universal					P803			WSF	
		Power Pistol	HS-6			PCL501			Ba9	N330	540	
		Herco	Longshot	SR4756		PCL504	Silhouette		SP8	N340	WAP	
									A0	3N37		
							Hi-Skor 800X		True Blue		N350	
			Blue Dot						SP2 Pract.	3N38	571	
D037.1	No. 7	Steel	HS-7				Enforcer				N105	
		2400							SP3			
D037.2	No. 9			R-123								
	4100		H110	SR4759				P806				
S040			H4198	IMR4227		PCL512		R910		N110	296	
									Ba6		680	
D060	5744	410	H4227		200			R901				
S053												
D063	1680	Reloder 7		IMR4198					Tubal 2000	N120		
S060	2015					PCL508						
		Reloder 11	Benchmark	IMR3031				R902				
D073.4	2230		H322			PCL507						
D073.5	2460	Reloder 10X	BL(C)-2		201				SP10	N130	748	
			H335		202	X-Terminator		Tubal 3000	N133			
							R903					
D073.6	2520			IMR4064					SP9			
S062	4064	Reloder 12	H4895	IMR4895			TAC			N530		
										N135		
S065			Varget	IMR4320					SP7			
	2700	Reloder 15	H380		203B	PCL511	Big Game	R907		N140		
			H414							N540	760	
S070	4350		H4350	URP			R904	Tubal 5000	N150			
		Reloder 19		IMR4350					N550			
			H450		204	Hunter		SP11			WMR	
			H4831SC	IMR4831				Tubal 7000	N160	785		
	3100		H4831	MRP			R905		N560			
	MagPro	Reloder 22		IMR7828SSC	MRP(2)			Tubal 8000	N165	WXR		
	H1000	Reloder 25		IMR7828			Magnum					
	8700		Retumbo						N170			
			H870			PCL520		SP13	N570			
				50BMG						24N41		
D100			H5010							20N29		



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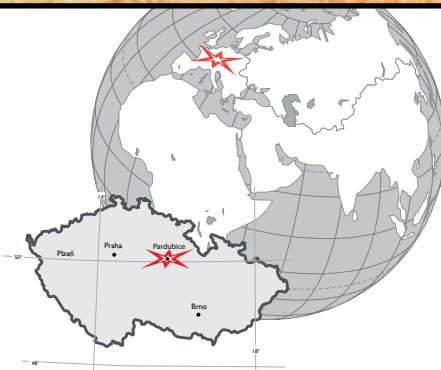
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