



• prvi partizan •
Ammunition & Components



CONTENTS

Quality	1
History	2
Today	3
Production	4
Control	5
New Products	6
Ballistic	8
Rifle Ammunition	10
Rifle Bullets	20
Grom	26
Solid Bullets	28
New Oldies	29
Match Ammunition	34
Handgun Ammunition	36
Pistol Ammunition	37
Revolver Ammunition	40
Handgun Bullets	43
PA Blank	47
Blank Ammunition	48
Rifle Cases	50
Cases	51
Practical Shooting	52
PPU Shooting	53
Commercial Market	54



Prvi Partizan Uzice - PPU company is located in south-western Serbia. We are manufacturing small arms ammunition since 1928. Hunters and sportsmen, armed forces and law enforcement worldwide are satisfied users of our products. Tradition and experienced personnel have ranked us among well known ammunition producers.

Quality is our priority, achieved with innovative solutions and state of the art equipment. Our goal is to offer high quality cartridges in all our 'old' and 'new' calibers. Through research and innovation we have developed a wide assortment of ammunition.

Development of partnership with our customers and employee satisfaction are strategic objectives and form a basis of our company policy. The prizes are confirming this.

Dobrosav Andric
General Manager



Maintaining high quality is the most important factor of our success. We achieve this by the consistent implementation of Quality Management System in all phases, from recognition of customer requests, planning, supply of raw materials, production, final control, delivery and the satisfaction of our customers.

PPU has QMS in accordance ISO 9001:2008 approved by Military Quality Control - Ministry of Defense of Republic of Serbia.

PPU ammunition is CIP approved by Hungarian Proof House.



OSCAR FOR QUALITY FOR YEAR 2014
National award for business excellence
FQCE, Fund for Quality Culture and Excellence

THE BEST COMPANY FOR 2015
European Association of Southeast and Central Europe
Managers, Zenica, Bosnia and Herzegovina

THE BEST COMPANY FOR 2015
European Business Assembly, The Socrates Committee
Oxford, United Kingdom



QUALITY

HISTORY



1927 The story of Prvi Partizan starts at the beginning of the 20th century. In 1927, the founder of the factory, Jakob Posinger, in cooperation with the army and the government of the Kingdom of Yugoslavia, moved his workshop from Kranj (Slovenia) to Uzice.

1935 In 1935 the authorities of the town of Uzice decided to give Mr. Posinger, as a present, land for building new factory. The laying of the foundation stone on June 20th 1935 marked the construction of the first private factory of this kind in the Balkans. The official name of the factory was „Factory of Arms and Ammunition in Uzice, (FOMU).

1941-1947 In 1941 factory started to work under the control of the Partisan military authorities. The ammunition production facilities and tool shop was moved to underground tunnel safe of the National Bank. During that time Uzice was the only town in Yugoslavia, and possibly in Europe, in which arms factory was working under occupation. On September 5th 1947, the factory in Uzice was renamed Prvi Partizan and it became a state owned company.



TODAY



1970 At the end of the 1970, Prvi Partizan started work on the construction of new buildings and infrastructure. This resulted in the expansion of capacities and the introduction of new articles in production.

2000-2017 The beginning of the 21st century has been especially important for the technological development of Prvi Partizan. Until the end of 2015 we built new facilities: new facility for bullet production and new and modern facility for case production. New facilities fulfill all standards of environmental protection and providing better working conditions for our employees.



PRODUCTION



By using the most modern technology, associated with nearly one century of experience, Prvi partizan produces high quality ammunition.

Very demanding and complex manufacturing process, comes after planning, development and testing each new product. Some of the processes that precede the production are selection of input materials, bullet geometry determination, constructions definition, precise powder definition, detailed analysis and testing. Attention is being paid to optimum harmonization of all components which make one quality cartridge. The production process consists of cartridge case production, bullet production, cartridge assembling, all followed with a sequence of tests, in all stages of production.

CASE

Input material for case production is cup or brass disc. Mechanical operations include deep drawing and case wall thickness reducing.

After these follow operations of primer pocket forming and removing excess material

Between individual mechanical operations, there are heat and chemical treatments which include – degreasing, annealing and washing.

CARTRIDGE ASSEMBLING

Final operation of the cartridge production is assembling of the cartridge, which includes assembling its elements – case, primer, powder and bullet into unique product.

BULLET

Input material for the bullet jacket is cup made of brass from which the jacket is made by the process of the deep drawing.

Antimony-lead wire is used for manufacturing of the lead core, which is formed by plastic deformation into the desired shape and dimension.

If the core is made of two parts, steel part of the core is made from steel wire, by forging operation and HT processing.

Bullet assembling is the final stage.

PACKAGING

Inspected and tested ammunition is packed into suitable package and is subject of the final acceptance by the authorized quality control.



CONTROL



To ensure the best quality of our products, our ammunition production inspection consists of:

- Input control of the raw materials and components
- Control during the manufacturing process
- Final control of the finished products

Final control consists of laboratory tests which include following inspection:

- Marking and packaging control
- Control of: cartridge length and shape, case and bullet length, cartridge weight, bullet weight, powder charge weight, bullet extraction force, case hardness
- Watertightness of cartridge and packaging

When final product satisfies laboratory tests, it is tested on shooting range. Following characteristics are controlled:

- Velocity on test barrels
- Powder gases pressure (Crusher and piezo methods)
- Accuracy on the ballistic barrels
- Rate of fire, action-time, penetration

NEW PRODUCTS



6,8 mm Remington SPC

6,8 mm Remington Special Purpose cartridge (6,8x43 mm) is intended to replace 5,56 NATO cartridge in Short Barreled Rifle. Based upon .30 Remington cartridge, it's bore diameter and muzzle energy is between 5,56x45 mm NATO and 7,62x51 mm NATO.

6,8 mm Remington SPC is available in two variants: FMJ BT 115 gr and HP BT 115 gr

Main characteristics of 6,8 mm Remington SPC ammunition:

- Better performance in short barreled CQB rifles than 5,56x45 mm NATO
- Delivers 44% more energy than 5,56 mm NATO (M4 configuration) at 100-300 m
- Terminal ballistics advantage over 5,56x45 mm
- Allows operator to carry more ammunition



NEW PRODUCTS



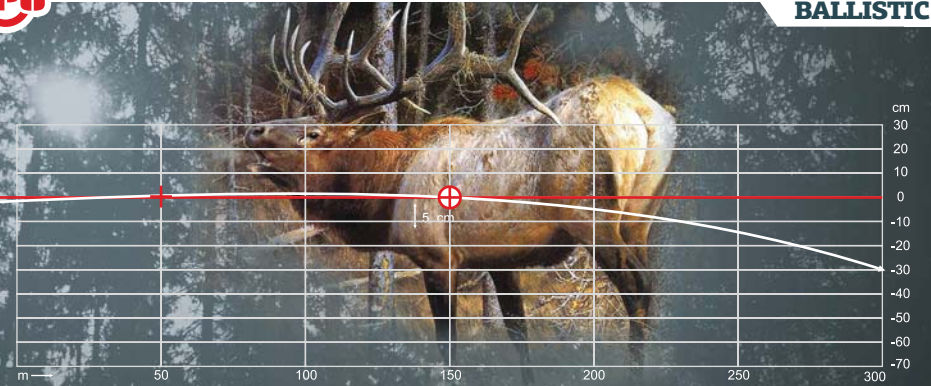
300 AAC Blackout

300 AAC Blackout, SAAMI short name 300 BLK, also known as 7,62x35 mm, is rifle cartridge developed for use in the M4 carbine. Its purpose is to achieve ballistics similar to 7,62x39 mm cartridge in a AR-15 platform while using standard AR-15 magazines at their normal capacity.

300 AAC Blackout is available in two variants: FMJ 125 gr and HP 125 gr

Main characteristics of the 300 AAC Blackout ammunition:

- Reliable compact .30-cal solution for AR platform
- Optimal platform for sound and flash suppressed rifle
- Compatible supersonic ammunition that matches 7,62x39 mm ballistics
- Capabilities in a shorter, lightweight, durable and low recoiling package
- Ability to penetrate barriers with high-mass projectiles









These ballistic tables were calculated by computer, using a modern scientific technique. The best available current data for each round, determined by testing under controlled conditions, were used to predict trajectories. The velocity and energy figures in these charts are based on the use of test barrels of indicated lengths. User velocities are affected when the barrel length is different: longer barrel will give higher velocity by certain amount, and shorter barrel will reduce velocity. The velocity, energy and trajectory of the standard bullets are given for distances up to 300 meters, with the point of impact for the gun sighted in at the distance

of 150 meters (match ammunition for various distances up to 500 meters). Rifle ammunition trajectories were computed for the scope mounted in such a way that the line-of-sight (scope axis) is 5 centimeters (2 inches) above the bore centerline. The positive values indicate high shots, the negative values low shots. The data in the tables represent the ammunition's behavior under the following standard conditions: 59°F temperature, barometric pressure of 29.53 inches, sea level altitude. Figures shown are expected to be reasonably accurate. Actual performance will vary due to external factors variations atmospheric conditions and the equipment: altitude, temperature, humidity, guns, sights and ammunition.

RIFLE AMMUNITION



RIFLE AMMUNITION

Ctg. Art.	Bullet Art.	Bullet Type	Bullet Weight [g]	Bullet Length [mm]	Velocity (m/s)								Energy (J)						Trajectory (cm)						Box/Case (Rds.)	Gross weight (kg)		
					0	50	100	150	200	250	300	0	50	100	150	200	250	300	0	50	100	150	200	250			300	
 22 Hornet																												
A-193	B-193	SP	2,9	45	610	740	642	552	472	403	351	316	798	601	445	325	237	179	145	-5	+3.4	+5.8	00	-16.9	-49	-101	50/2000	16.80
 222 Remington																												
A-032	B-032	SP	3,24	50	610	955	870	790	714	643	575	513	1478	1226	1010	826	669	537	427	-5	+0.1	+2.0	00	-6.9	-19.6	-40.2	20/1000	12.40
A-203	B-212	FMI BT	3,56	55	610	920	856	796	735	682	628	577	1508	1307	1128	969	828	704	594	-5	+0.2	+2	00	-6.6	-18.5	-36.2	20/1000	12.70
 223 Remington																												
A-132	B-132	SP	3,56	55	610	990	911	836	765	698	634	573	1747	1478	1245	1043	867	716	585	-5	-0.2	+1.7	00	-5.8	-16.8	-33.6	20/1000	12.70
A-188	B-212	FMI BT	3,56	55	610	990	923	859	798	740	684	631	1747	1518	1315	1135	975	834	709	-5	-0.3	+1.5	00	-5.3	-15.2	-30.3	20/1000	12.70
A-616	B-616	HP BT	3,56	55	610	990	920	854	791	731	673	618	1747	1509	1300	1115	950	808	681	-5	-0.3	+1.6	00	-5.4	-15.5	-31.0	20/1000	12.70
A-615 ¹⁾	B-615	FMI BT	3,56	55	610	990	923	859	798	740	685	631	1747	1518	1316	1136	977	835	710	-5	-0.3	+1.5	00	-5.3	-15.1	-30.3	20/1000	12.70
A-419	B-419	FMI BT	4,0	62	610	930	873	818	765	714	665	618	1738	1530	1343	1175	1024	889	768	-5	+0.1	+1.9	00	-6	-16.9	-33.3	20/1000	13.20
A-535 ¹⁾	B-535	HP BT	4,47	69	610	865	814	765	717	672	629	588	1669	1482	1308	1151	1008	885	773	-5	+0.5	+2.3	00	-7.2	-19.8	-38.2	20/1000	14.00
A-481 ¹⁾	B-481	HP BT	4,86	75	610	830	787	746	705	666	629	592	1674	1506	1351	1209	1079	960	852	-5	+0.7	+2.6	00	-7.6	-20.7	-39.5	20/1000	14.40
 22-250 Remington																												
A-253	B-032	SP	3,24	50	610	1160	1060	968	882	801	725	653	2180	1822	1519	1261	1040	852	691	-5	-1	+0.8	00	-4	-11.7	-24.3	20/500	9.60
A-211	B-211	SP	3,56	55	610	1120	1032	950	874	801	732	666	2235	1899	1610	1360	1143	954	791	-5	-0.9	+0.9	00	-4.2	-12.1	-24.7	20/500	9.80
A-212	B-212	FMI BT	3,56	55	610	1120	1046	976	909	846	786	728	2235	1949	1697	1474	1276	1100	944	-5	-1	+0.8	00	-3.8	-11.0	-22.1	20/500	9.80
 243 Winchester																												
A-770	B-131	SP	5,8	90	610	945	893	843	793	746	701	657	2603	2322	2067	1835	1634	1433	1260	-5	-0.1	+1.7	00	-5.5	-15.4	-30.5	20/500	13.00
A-134	B-134	SP	6,5	100	610	905	859	815	772	730	690	651	2654	2392	2151	1931	1728	1543	1373	-5	+0.1	+1.9	00	-5.9	-16.6	-32.4	20/500	13.30
 6 mm Remington																												
A-131	B-131	SP	5,8	90	610	975	921	870	820	772	726	681	2772	2474	2205	1961	1739	1537	1354	-5	-0.3	+1.5	00	-5.1	-14.2	-28.1	20/500	13.10
A-271	B-134	SP	6,5	100	610	945	898	852	808	765	724	682	2894	2611	2353	2116	1898	1698	1515	-5	-0.2	+1.6	00	-5.3	-14.8	-29.0	20/500	13.40

¹⁾ For rifle AR-15 ¹⁾ 9" or faster twist barrels

RIFLE AMMUNITION

Ctg. Art.	Bullet Art.	Bullet Type	Bullet Weight [g]	Bullet Weight [gr]	Barrel Length [mm]	Velocity (m/s)					Energy (J)					Trajectory (cm)					Box/Case (Rds.)	Gross weight (kg)
						0	50	100	150	200	250	300	0	50	100	150	200	250	300	0		



25-06 Remington

A-046	B-046	HP	5,8	90	610	1045	980	919	860	803	749	697	3183	2810	2460	2154	1881	1636	1417	-5	-0,7	+1,1	00	-4,5	-12,7	-25,3	20/500	13,40
A-047	B-047	PSP	6,5	100	610	980	928	878	829	783	737	694	3112	2789	2496	2228	1985	1762	1560	-5	-0,4	+1,4	00	-5	-13,9	-27,4	20/500	13,60



6,5 mm Grendel

A-484	B-484	FMI BT	7,1	110	610	840	802	765	730	695	661	628	2515	2294	2088	1897	1721	1557	1406	-5	+0,6	+2,3	00	-7	-19,2	-37	20/500	10,00
A-485	B-485	HP-BT	7,8	120	610	815	778	741	706	671	637	605	2584	2351	2135	1935	1751	1580	1423	-5	+0,8	+2,7	00	-7,7	-20,8	-39,6	20/500	10,00
A-483	B-483	SP	8,0	123	610	810	768	727	687	649	611	575	2615	2349	2105	1882	1677	1490	1319	-5	+1	+2,8	00	-8,1	-21,8	-41,8	20/500	10,00



6,5 x 52 Carcano

A-205	B-117	SP	8,0	123	610	785	757	730	704	679	654	629	2465	2284	2134	1983	1841	1708	1584	-5	+1,0	+2,7	00	-7,8	-21,3	-40,6	20/500	11,40
A-207	B-084	SP BT	9,0	139	610	740	716	693	671	649	627	606	2464	2310	2163	2025	1895	1771	1655	-5	+1,5	+3,2	00	-8,8	-23,3	-44,7	20/500	12,00
A-208	B-083	FMI BT	9,0	139	610	740	716	693	671	649	627	606	2464	2310	2163	2025	1895	1771	1655	-5	+1,5	+3,2	00	-8,8	-23,3	-44,7	20/500	12,00
A-352 ^{HP}	B-352	SP	8,0	123	610	785	757	730	704	679	654	629	2465	2284	2134	1983	1841	1708	1584	-5	+1,0	+2,7	00	-7,8	-21,3	-40,6	20/500	12,50
A-605 ^{HP}	B-605	FMI BT	9,0	139	610	740	716	693	671	649	627	606	2464	2310	2163	2025	1895	1771	1655	-5	+1,5	+3,2	00	-8,8	-23,3	-44,7	20/500	12,50
A-118	B-118	SP RN	10,1	156	610	700	680	660	641	622	603	585	2474	2334	2199	2072	1951	1836	1727	-5	+2,0	+4,1	00	-11,7	-32,1	-61,8	20/500	13,00



6,5 x 54 Mannlicher Schoenauer

A-571	B-118	SP RN	10,1	156	610	730	681	633	587	544	503	464	2694	2341	2025	1743	1495	1279	1090	-5	+2,2	+4	00	-11,4	-31,5	-60,9	20/500	13,00
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6,5 x 55 Swedish

A-539	B-485	HP BT	7,8	120	610	830	792	755	719	684	651	618	2679	2440	2218	2012	1822	1645	1483	-5	+0,7	+2,5	00	-7,3	-19,9	-38,1	20/500	12,50
A-184	B-117	SP	8,0	123	610	825	782	741	701	662	624	588	2712	2439	2188	1957	1747	1554	1377	-5	+0,8	+2,7	00	-7,7	-21	-40	20/500	12,50
A-084	B-084	SP BT	9,0	139	610	775	739	704	670	637	604	573	2705	2459	2257	2020	1825	1645	1477	-5	+1,3	+3,2	00	-8,6	-23	-44,1	20/500	13,10
A-083	B-083	FMI BT	9,0	139	610	775	739	704	670	637	604	573	2705	2459	2257	2020	1825	1645	1477	-5	+1,3	+3,2	00	-8,6	-23	-44,1	20/500	13,10
A-227	B-118	SP RN	10,1	156	610	730	681	633	587	544	503	464	2694	2341	2025	1743	1495	1279	1090	-5	+2,2	+4,0	00	-11,4	-31,5	-60,9	20/500	13,60

^{HP} 6,8 mm (.268") bullets



RIFLE AMMUNITION

Ctg. Art.	Bullet Art.	Bullet Type	Bullet Weight [g]	Bullet Weight [gr]	Barrel Length [mm]	Velocity (m/s)					Energy (J)					Trajectory (cm)					Box/Case (Rds.)	Gross weight (kg)
						0	50	100	150	200	250	300	0	50	100	150	200	250	300	0		



6,5 x 57 Mauser

A-117	B-117	SP	8,0	123	610	845	802	760	719	680	641	605	2846	2562	2311	2061	1840	1640	1456	-5	+0,6	+2,4	00	-7,3	-19,8	-38,1	20/500	12,50
A-228	B-228	SP BT	9,0	139	610	790	754	718	684	650	617	586	2811	2558	2345	2104	1903	1716	1544	-5	+1,1	+3,0	00	-8,3	-22,2	-42,1	20/500	13,10
A-229	B-083	FMI BT	9,0	139	610	790	754	718	684	650	617	586	2811	2558	2345	2104	1903	1716	1544	-5	+1,1	+3,0	00	-8,3	-22,2	-42,1	20/500	13,10
A-230	B-230	SP RN	10,1	156	610	740	690	642	596	552	511	472	2768	2408	2085	1796	1541	1319	1126	-5	+2	+3,9	00	-11	-30,4	-59,0	20/500	13,60



264 Winchester Magnum

A-114	B-114	PSP	9,1	140	610	920	888	856	826	796	766	738	3840	3576	3327	3093	2873	2665	2468	-5	+0,1	+1,6	00	-5,2	-14,3	-27,3	20/500	16,20
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6,8 mm Remington SPC

A-603	B-603	FMI BT	7,45	115	610	800	752	705	660	615	575	535	2385	2101	1845	1614	1410	1223	1058	-4	+1,9	+3,4	00	-9,1	-24,8	-48,1	20/500	12,50
A-604	B-604	HP BT	7,45	115	610	800	751	703	657	613	570	530	2385	2097	1837	1603	1397	1209	1043	-4	+1,9	+3,4	00	-9,2	-25,0	-48,5	20/500	12,50



270 Winchester

A-161	B-161	SP	8,4	130	610	930	884	839	796	754	714	675	3641	3289	2966	2670	2397	2146	1916	-5	+0,1	+1,7	00	-5,5	-15,3	-30,1	20/500	13,30
A-027	B-027	SP	9,7	150	610	865	826	787	750	714	678	644	3637	3313	3012	2733	2475	2237	2017	-5	+0,4	+2,1	00	-6,5	-17,8	-34,7	20/500	13,80



7 mm - 08 Remington

A-401	B-401	HP	7,8	120	610	915	866	819	773	729	686	645	3255	2916	2607	2324	2066	1831	1618	-5	+0,1	+1,9	00	-5,9	-16,5	-32,3	20/500	12,50
A-400	B-400	PSP BT	9,1	140	610	870	835	801	767	735	703	672	3434	3162	2908	2670	2448	2240	2047	-5	+0,3	+2,0	00	-6,1	-16,8	-32,7	20/500	13,10

RIFLE AMMUNITION

Ctg. Art.	Bullet Art.	Bullet Type	Bullet Weight [g]	Bullet Weight [gr]	Barrel Length [mm]	Velocity (m/s)						Energy (J)						Trajectory (cm)						Box/Case (Rds.)	Gross weight (kg)
						0	50	100	150	200	250	300	0	50	100	150	200	250	300	0	50	100	150		



7 x 57

A-051 ⁽⁴⁾ B-051	SP	9,0	139	610	810	769	729	691	653	617	581	2955	2663	2394	2148	1921	1713	1523	-5	+1,0	+3,8	00	-8,0	-21,6	-41,3	20/500	13,00
NEW A-391 ⁽¹⁾ B-105	GROM	10,2	158	610	750	715	680	647	614	582	552	2880	2614	2368	2141	1931	1736	1559	-5	+1,7	+3,5	00	-9,2	-24,6	-47,8	20/500	13,70
A-052 ⁽⁴⁾ B-067	SP	11,2	173	610	750	718	686	656	625	597	568	3153	2888	2641	2411	2196	1996	1811	-5	+1,6	+3,4	00	-9,1	-24,0	-46,0	20/500	14,20
NEW A-141 ⁽¹⁾ B-127	FMI BT	11,34	175	610	750	717	684	653	622	592	563	3153	2879	2625	2388	2168	1963	1775	-5	+1,6	+3,5	00	-9,1	-24,2	-46,6	20/500	14,20



7 mm Mauser

A-478 ⁽¹⁾ B-478	SP	9,0	139	610	810	769	729	691	653	617	581	2955	2663	2394	2148	1921	1713	1523	-5	+1,0	+2,8	00	-8,0	-21,6	-41,3	20/500	13,00
NEW A-556 ⁽¹⁾ B-105	GROM	10,2	158	610	750	715	680	647	614	582	552	2880	2614	2368	2141	1931	1736	1559	-5	+1,7	+3,5	00	-9,2	-24,6	-47,8	20/500	13,70
A-650 B-630	Z-GROM	10,2	158	610	750	715	680	647	614	582	552	2880	2614	2368	2141	1931	1736	1559	-5	+1,7	+3,5	00	-9,2	-24,6	-47,8	20/500	13,70
NEW A-558 ⁽¹⁾ B-558	SP	11,2	173	610	750	718	686	656	625	597	568	3153	2888	2641	2411	2196	1996	1811	-5	+1,6	+3,4	00	-9,1	-24,0	-46,0	20/500	14,20



7 x 57 R

A-098 B-051	SP	9,0	139	610	790	750	710	672	635	599	565	2811	2530	2272	2035	1817	1618	1436	-5	+1,2	+3,1	00	-8,5	-22,7	-43,9	20/500	13,30
NEW A-376 B-105	GROM	10,2	158	610	730	695	661	628	596	565	534	2728	2474	2239	2021	1820	1635	1467	-5	+1,9	+3,8	00	-9,7	-26,4	-51,3	20/500	13,90
A-651 B-630	Z-GROM	10,2	158	610	730	695	661	628	596	565	534	2728	2474	2239	2021	1820	1635	1467	-5	+1,9	+3,8	00	-9,7	-26,4	-51,3	20/500	13,90
NEW A-090 B-067	SP	11,2	173	610	730	698	667	637	608	579	552	2987	2733	2497	2276	2070	1880	1700	-5	+1,9	+3,7	00	-9,5	-25,5	-49,3	20/500	14,40
NEW A-232 B-127	FMI BT	11,34	175	610	730	697	665	634	604	574	546	2987	2725	2519	2311	2044	1849	1671	-5	+1,9	+3,7	00	-9,6	-25,8	-49,9	20/500	14,40



7 x 64

A-064 B-051	SP	9,0	139	610	870	827	786	745	706	668	631	3409	3081	2779	2500	2245	2010	1795	-5	+0,4	+2,1	00	-6,6	-18,2	-35,3	20/500	13,80
NEW A-402 B-400	PSP BT	9,1	140	610	865	800	796	764	730	698	667	3395	3125	2873	2638	2417	2212	2021	-5	+0,3	+2,1	00	-6,2	-17,1	-33,2	20/500	13,80
A-405 B-405	HP BT	9,7	150	610	840	802	765	730	695	661	628	3429	3128	2848	2587	2346	2123	1916	-5	+0,6	+2,3	00	-7,0	-19,2	-37,0	20/500	15,10
NEW A-105 B-105	GROM	10,2	158	610	800	763	727	693	660	626	594	3276	2982	2709	2457	2223	2005	1806	-5	+1,0	+2,9	00	-8,0	-21,6	-41,0	20/500	15,40
A-630 B-630	Z-GROM	10,2	158	610	800	763	727	693	660	626	594	3276	2982	2709	2457	2223	2005	1806	-5	+1,0	+2,9	00	-8,0	-21,6	-41,0	20/500	15,40
NEW A-403 B-403	PSP BT	10,4	160	610	810	780	751	723	695	668	641	3401	3157	2926	2709	2500	2313	2133	-5	+0,7	+2,5	00	-7,3	-19,8	-37,7	20/500	15,40
A-067 B-067	SP	11,2	173	610	780	747	715	684	653	623	594	3410	3128	2865	2620	2391	2178	1979	-5	+1,2	+3,1	00	-8,3	-22,3	-42,1	20/500	15,90
NEW A-167 B-127	FMI BT	11,34	175	610	780	746	713	680	649	618	588	3410	3119	2874	2595	2360	2142	1933	-5	+1,2	+3,1	00	-8,4	-22,5	-42,5	20/500	15,90
A-404 B-404	PSP BT	11,3	174	610	780	753	727	701	676	651	627	3430	3198	2978	2770	2574	2389	2214	-5	+1,1	+2,9	00	-8,0	-21,3	-40,3	20/500	15,80



7 x 65 R

A-122 B-067	SP	11,2	173	610	760	728	696	665	635	606	577	3238	2967	2714	2479	2260	2056	1866	-5	+1,5	+3,3	00	-8,8	-23,4	-44,6	20/500	15,90
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RIFLE AMMUNITION

Ctg. Art.	Bullet Art.	Bullet Type	Bullet Weight [g]	Bullet Weight [gr]	Barrel Length [mm]	Velocity (m/s)						Energy (J)						Trajectory (cm)						Box/Case (Rds.)	Gross weight (kg)
						0	50	100	150	200	250	300	0	50	100	150	200	250	300	0	50	100	150		



7 mm Remington Magnum

A-407 B-401	HP	7,8	120	610	1025	972	921	871	824	778	734	4085	3672	3296	2953	2641	2355	2095	-5	-0,6	+1,1	00	-4,4	-12,4	-24,3	20/500	15,60
NEW A-406 B-400	PSP BT	9,1	140	610	945	908	872	836	802	769	736	4051	3738	3446	3174	2915	2680	2457	-5	-0,3	+1,5	00	-5,0	-13,8	-26,6	20/500	16,20
A-123 B-123	SP	9,4	145	610	930	889	848	809	772	735	699	4064	3710	3382	3078	2797	2536	2295	-5	-0,1	+1,7	00	-5,4	-14,7	-28,8	20/500	16,30
A-410 B-405	HP BT	9,7	150	610	915	875	836	799	762	726	691	4069	3722	3399	3100	2822	2563	2323	-5	0,0	+1,8	00	-5,5	-15,2	-29,7	20/500	16,50
NEW A-378 B-105	GROM	10,2	158	610	850	812	775	739	704	670	636	3699	3375	3074	2794	2535	2295	2073	-5	+0,5	+2,2	00	-6,8	-18,6	-35,9	20/500	16,70
A-652 B-630	Z-GROM	10,2	158	610	850	812	775	739	704	670	636	3699	3375	3074	2794	2535	2295	2073	-5	+0,5	+2,2	00	-6,8	-18,6	-35,9	20/500	16,70
NEW A-408 B-403	PSP BT	10,4	160	610	880	849	818	788	759	731	703	4015	3735	3471	3223	2989	2768	2560	-5	+0,2	+1,9	00	-5,8	-15,7	-40,7	20/500	16,80
A-409 B-404	PSP BT	11,3	174	610	845	817	789	762	736	710	684	4026	3762	3512	3275	3051	2839	2639	-5	+0,4	+2,2	00	-6,3	-17,2	-33,0	20/500	17,30
A-115 B-115	SP	11,3	174	610	845	812	780	749	719	689	660	4026	3720	3433	3164	2912	2675	2454	-5	+0,5	+2,2	00	-6,6	-18,0	-34,7	20/500	17,30
NEW A-127 B-127	FMI BT	11,34	175	610	845	813	782	752	723	694	665	4026	3730	3452	3190	2944	2713	2497	-5	+0,5	+2,2	00	-6,5	-17,8	-34,3	20/500	17,30



30 Carbine

A-204 B-204	SP RN	7,1	110	508	610	540	476	419	372	337	312	1326	1038	807	626	495	405	346	-5	+6	+8,3	00	-22,5	-62,8	-124,7	50/500	6,80
NEW A-273 B-273	FSP	7,1	110	508	610	540	476	419	372	337	312	1326	1038	807	626	495	405	346	-5	+6	+8,3	00	-22,5	-62,8	-124,7	50/500	6,80
A-024 B-010	FMI RN	7,1	110	508	610	540	476	419	372	337	312	1326	1038	807	626	495	405	346	-5	+6	+8,3	00	-22,5	-62,8	-124,7	50/500	6,80



300 AAC Blackout

A-636 B-636	FMI	8,0	125	406,4	710	667	626	586	549	513	480	2016	1779	1565	1374	1203	1052	920	-5	+2,4	+4,4	00	-11,4	-31,1	-60,1	20/500	8,1
NEW A-638 B-638	HP BT	8,0	125	406,4	710	660	612	567	524	484	448	2016	1741	1498	1284	1098	938	802	-5	+2,6	+4,6	00	-12,2	-33,4	-65,1	20/500	8,1



308 Winchester

A-460 B-460	FMI	8,0	123	610	925	870	817	766	717	669	624	3410	3015	2659	2337	2047	1786	1551	-5	+0,1	+1,9	00	-6,0	-16,9	-33,2	20/500	12,50
NEW A-034 B-009	FMI BT	9,4	145	610	865	827	789	753	717	683	649	3515	3210	2925	2662	2416	2190	1980	-5	+0,4	+2,1	00	-6,4	-17,8	-34,4	20/500	13,30
A-020 B-062	SP	9,7	150	610	855	809	766	721	679	639	600	3553	3180	2839	2526	2242	1983	1748	-5	+0,5	+2,3	00	-7,2	-19,7	-37,8	20/500	

RIFLE AMMUNITION

Ctg. Art.	Bullet Art.	Bullet Type	Bullet Weight [g]	Bullet Weight [gr]	Barrel Length [mm]	Velocity (m/s)					Energy (J)					Trajectory (cm)					Box/Case (Rds.)	Gross weight (kg)						
						0	50	100	150	200	250	300	0	50	100	150	200	250	300	0			50	100	150	200	250	300
 7,5 x 54 French																												
A-346	B-007	FMJ	9,0	139	610	830	788	748	709	671	634	598	3104	2800	2520	2262	2026	1809	1611	-5	+0.7	+2.6	00	-7.5	-20.5	-39.2	20/500	16.20
 7,5 x 55 Swiss																												
A-345	B-345	FMJ BT	11,3	174	610	770	741	713	685	658	632	606	3344	3098	2867	2650	2446	2254	2074	-5	+1.3	+3.1	00	-8.3	-22.3	-42.0	20/500	17.20
A-428	B-428	SP	11,3	174	610	770	730	691	654	617	582	548	3343	3005	2695	2411	2150	1911	1695	-5	+1.5	+3.3	00	-9.0	-24.0	-46.8	20/500	17.20
 30-06 Springfield																												
A-479	B-460	FMJ	8,0	123	610	960	903	849	797	746	698	651	3673	3252	2872	2530	2221	1942	1691	-5	-0.2	+1.6	00	-5.4	-15.2	-30.2	20/500	12.90
A-062	B-062	SP	9,7	150	610	885	838	792	748	705	664	624	3807	3412	3051	2720	2419	2144	1898	-5	+0.3	+2.1	00	-6.5	-18.0	-35.0	20/500	13.70
A-094	B-099	FMJ	9,7	150	610	885	846	809	771	735	700	666	3807	3478	3173	2889	2626	2382	2156	-5	+0.2	+2.0	00	-6.0	-16.6	-32.4	20/500	13.70
A-612*	B-099	FMJ	9,7	150	610	838	797	761	725	690	657	624	3389	3090	2813	2555	2316	2095	1891	-5	+0.6	+2.4	00	-7.2	-19.5	-37.5	20/500	13.70
A-364	B-362	PSP BT	10,7	165	610	855	819	784	750	716	684	652	3908	3586	3286	3006	2744	2501	2276	-5	+0.4	+2.2	00	-6.5	-18.0	-34.5	20/500	14.20
A-365	B-363	HP BT	10,9	168	610	855	821	788	755	724	693	663	3908	3604	3318	3051	2801	2567	2349	-5	+0.4	+2.1	00	-6.4	-17.6	-34.0	20/500	14.30
A-323	B-323	GROM	11,0	170	610	810	771	732	695	659	624	590	3614	3271	2954	2662	2399	2145	1917	-5	+0.9	+2.8	00	-7.9	-21.4	-40.7	20/500	14.30
A-428	B-428	Z-GROM	11,0	170	610	810	771	732	695	659	624	590	3614	3271	2954	2662	2393	2145	1917	-5	+0.9	+2.8	00	-7.9	-21.4	-40.7	20/500	14.30
A-449	B-449	FMJ BT	11,34	175	610	830	799	769	739	710	682	654	3906	3620	3351	3097	2859	2635	2426	-5	+0.6	+2.3	00	-6.9	-18.7	-35.8	20/500	14.50
A-066	B-066	SP	11,7	180	610	820	783	746	711	677	643	611	3922	3573	3250	2950	2672	2415	2177	-5	+0.8	+2.6	00	-7.5	-20.4	-39.0	20/500	14.70
A-418	B-367	HP BT	12,3	190	610	800	771	743	715	688	662	636	3940	3661	3397	3148	2915	2694	2487	-5	+0.9	+2.7	00	-7.5	-20.3	-38.6	20/500	15.00

300 Winchester Magnum


A-119	B-119	FMJ BT	9,4	145	610	1000	957	916	876	837	800	763	4698	4306	3943	3606	3294	3000	2734	-5	-0.6	+1.2	00	-4.4	-12.4	-24.0	20/500	16.10
A-116	B-062	SP	9,7	150	610	990	939	890	842	797	752	710	4764	4285	3848	3450	3085	2752	2448	-5	-0.4	+1.3	00	-4.8	-13.4	-26.3	20/500	16.20
A-370	B-362	PSP BT	10,7	165	610	930	892	855	819	784	750	716	4624	4253	3908	3586	3286	3005	2744	-5	-0.1	+1.6	00	-5.3	-14.4	-27.9	20/500	16.20
A-371	B-363	HP BT	10,9	168	610	920	884	850	816	783	750	719	4607	4257	3929	3622	3334	3065	2813	-5	-0.1	+1.7	00	-5.4	-14.6	-28.1	20/500	16.80
A-377	B-323	GROM	11,0	170	610	875	834	794	755	717	680	645	4217	3829	3470	3138	2831	2549	2289	-5	+0.3	+2.1	00	-6.3	-17.6	-34.2	20/500	16.80
A-634	B-628	Z-GROM	11,0	170	610	875	834	794	755	717	680	645	4217	3829	3470	3138	2831	2549	2289	-5	+0.3	+2.1	00	-6.3	-17.6	-34.2	20/500	16.80
A-124	B-066	SP	11,7	180	610	885	846	808	771	735	700	666	4568	4174	3808	3467	3151	2858	2588	-5	+0.2	+2.0	00	-6.0	-16.6	-32.4	20/500	17.20
A-372	B-367	HP BT	12,3	190	610	865	824	824	795	766	738	710	4822	4493	4182	3889	3613	3352	3106	-5	+0.1	+1.9	00	-5.7	-15.4	-29.8	20/500	17.50

7,62 x 39

A-210	B-210	PSP	8,0	123	610	750	699	650	603	557	515	475	2242	1946	1683	1447	1238	1057	900	-5	+1.9	+3.8	00	-10.6	-29.5	-57.6	20/1000	16.50
A-030	B-030	SP RN	8,0	123	610	750	680	614	552	495	443	398	2242	1845	1504	1216	978	782	631	-5	+2.4	+4.4	00	-12.8	-35.2	-70.8	20/1000	18.50
A-041	B-074	FMJ	8,0	123	610	750	701	655	610	566	526	487	2242	1961	1708	1481	1278	1101	946	-5	+1.9	+3.8	00	-10.2	-28.6	-56.0	20/1000	18.50



RIFLE AMMUNITION

Ctg. Art.	Bullet Art.	Bullet Type	Bullet Weight [g]	Bullet Weight [gr]	Barrel Length [mm]	Velocity (m/s)					Energy (J)					Trajectory (cm)					Box/Case (Rds.)	Gross weight (kg)						
						0	50	100	150	200	250	300	0	50	100	150	200	250	300	0			50	100	150	200	250	300
 7,62 x 54 R																												
A-452	B-382	SP BT	9,7	150	724	865	815	776	737	700	664	629	3561	3230	2925	2642	2381	2141	1920	-5	+0.5	+2.2	00	-6.8	-18.7	-36.1	20/500	12.60
A-219	B-219	FMJ BT	9,7	150	724	865	817	779	742	706	671	637	3561	3243	2947	2673	2420	2186	1969	-5	+0.4	+2.2	00	-6.7	-18.5	-35.6	20/500	12.60
A-450	B-437	FMJ BT	11,0	170	724	815	785	755	726	697	670	643	3659	3391	3140	2902	2680	2471	2274	-5	+0.7	+2.5	00	-7.2	-19.6	-37.4	20/500	13.70
A-031	B-125	SP BT	11,7	180	724	805	768	732	697	663	630	596	3780	3441	3127	2836	2567	2318	2087	-5	+0.9	+2.8	00	-7.9	-21.3	-40.5	20/500	14.00
A-169	B-169	FMJ BT	11,8	182	724	800	772	744	717	690	664	639	3774	3511	3263	3029	2808	2600	2404	-5	+0.8	+2.6	00	-7.5	-20.2	-38.4	20/500	14.00
A-601	B-006	FMJ BT	12,3	190	724	785	758	731	704	678	653	628	3794	3533	3286	3053	2833	2626	2431	-5	+1.0	+2.8	00	-7.9	-21.1	-39.9	20/500	14.50

7,65 x 53 Argentine

A-176	B-382	SP BT	9,7	150	610	860	819	780	741	704	667	632	3595	3262	2954	2669	2406	2164	1941	-5	+0.4	+2.2	00	-6.7	-18.5	-35.7	20/1500	13.30
A-129	B-143	FMJ BT	11,3	174	610	800	771	742	714	686	659	633	3608	3348	3102	2870	2653	2448	2256	-5	+0.9	+2.7	00	-7.6	-20.4	-38.8	20/1500	14.00
A-179	B-125	SP BT	11,7	180	610	775	739	704	670	637	604	573	3503	3184	2889	2616	2365	2130	1913	-5	+1.3	+3.2	00	-8.6	-23.0	-44.1	20/1500	14.30

303 British

A-382	B-382	SP BT	9,7	150	610	820	780	742	705	668	633	598	3268	2960	2674	2411	2169	1946	1741	-5	+0.8	+2.6	00	-7.7	-20.8	-39.7	20/500	13.20
A-143	B-143	FMJ BT	11,3	174	610	750	722	694	667	640	614	589	3171	2936	2714	2506	2310	2126	1954	-5	+1.5	+3.3	00	-8.8	-23.5	-44.2	20/500	13.50
A-125	B-125	SP BT	11,7	180	610	750	715	685	647	614	582	552	3281	2978	2698	2439	2199	1978	1776	-5	+1.7	+3.5	00	-9.2	-24.6	-47.8	20/500	14.20

7,92 x 33 Kurz

A-424	B-424	FMJ BT	8,0	124	406	685	639	594	552	512	474	439	1886	1641	1421	1225	1055	905	775	-5	+2.9	+5.0	00	-13.4	-36.0	-68.9	20/500	9.80
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8 x 51 R Lebel


A-417	B-417	FMJ BT	12,96	200	610	700	673	646	620	594	469	545	3144	2903	2678	2465	2266	2080	1908	-5	+2.2	+4.0	00	-10.1	-27.2	-52.4	20/500	17.00
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8 x 56 RS Mannlicher


A-561	B-561	SP	13,5	208	610	700	661	624	587	552	519	487	3308	2915	2625	2326	2057	1817	1602	-5	+2.4	+4.4	00	-11.6	-31.7	-60.8	20/500	16.50
A-384	B-384	FMJ BT	13,5	208	610	700	671	646	620	594	569	545	3308	3055	2859	2594	2385	2189	2008	-5	+2.2	+4.0	00	-10.1	-27.2	-52.4	20/500	16.50

RIFLE AMMUNITION

Clp. Art.	Bullet Art.	Bullet Type	Bullet Weight [g]	Bullet Weight [gr]	Barrel Length [mm]	Velocity (m/s)						Energy (J)						Trajectory (cm)						Box/Case (Rds.)	Gross weight (kg)			
						0	50	100	150	200	250	300	0	50	100	150	200	250	300	0	50	100	150			200	250	300
 <h3>8 x 57 IS</h3>																												
A-162*	B-162	SP	9,0	139	610	820	771	723	677	632	590	549	3028	2674	2353	2063	1801	1565	1356	-5	+1.0	+2.9	00	-8.2	-22.3	-43.7	20/500	13.20
A-528*	B-350	HP BT	11,34	175	610	775	737	699	663	628	594	561	3406	3077	2773	2493	2236	1999	1783	-5	+1.4	+3.2	00	-8.8	-23.4	-45.2	20/500	14.30
A-575*	B-349	PSP BT	11,34	175	610	775	739	704	670	637	604	573	3406	3096	2809	2543	2297	2070	1860	-5	+1.3	+3.2	00	-8.6	-23.0	-44.1	20/500	14.30
A-321*	B-321	GROM	12,0	185	610	750	710	670	633	596	560	527	3372	3018	2695	2399	2128	1882	1663	-5	+1.8	+3.6	00	-9.4	-26	-50.8	20/500	14.60
A-629*	B-629	Z-GROM	12,0	185	610	750	710	670	633	596	560	527	3372	3018	2695	2399	2128	1882	1663	-5	+1.8	+3.6	00	-9.4	-26	-50.8	20/500	14.60
A-128*	B-128	SP	12,7	196	610	750	710	671	633	596	561	527	3572	3198	2856	2542	2255	1995	1763	-5	+1.8	+3.7	00	-9.4	-26	-50.8	20/500	15.00
A-213*	B-022	FMI BT	12,85	198	610	740	712	684	657	631	605	580	3513	3251	3004	2772	2555	2351	2158	-5	+1.7	+3.5	00	-9.1	-24.1	-45.6	20/500	15.00
A-471*	B-471	FMI BT	16,3	250	610	660	636	612	589	567	545	524	3529	3276	3038	2813	2602	2406	2223	-5	+2.7	+4.5	00	-11.8	-31.5	-59.8	20/500	16.70

 <h3>8 x 57 IRS</h3>																												
A-475	B-128	SP	12,7	196	610	730	690	652	614	578	544	511	3384	3026	2698	2397	2123	1877	1657	-5	+2.0	+3.9	00	-10.1	-28.0	-54.6	20/500	16.00
A-564	B-564	FMI BT	12,96	200	610	720	692	665	639	613	587	563	3359	3106	2867	2634	2433	2235	2051	-5	+2.0	+3.8	00	-9.6	-25.4	-48.7	20/500	16.00


 <h3>8 mm Mauser</h3>																												
A-162*	B-162	SP	9,0	139	610	795	753	713	674	636	599	563	4014	3603	3226	2881	2565	2276	2014	-5	+1.2	+3.0	00	-8.4	-22.6	-43.8	20/500	13.50
A-350*	B-350	HP BT	11,34	175	610	710	674	638	604	570	538	508	2858	2572	2309	2066	1844	1643	1463	-5	+2.2	+4.1	00	-10.7	-29.4	-56.9	20/500	14.30
A-349*	B-349	PSP BT	11,34	175	610	710	676	642	610	578	548	519	2858	2589	2340	2109	1896	1703	1527	-5	+2.2	+4.1	00	-10.4	-28.5	-55.2	20/500	14.30
A-351*	B-321	GROM	12,0	185	610	665	627	591	555	522	490	460	2651	2358	2091	1850	1634	1441	1267	-5	+3.1	+5.2	00	-13.4	-35.9	-68.0	20/500	14.70
A-647*	B-629	Z-GROM	12,0	185	610	665	627	591	555	522	490	460	2651	2358	2091	1850	1634	1441	1267	-5	+3.1	+5.2	00	-13.4	-35.9	-68.0	20/500	14.70
A-450*	B-459	SP	12,7	196	610	665	627	591	556	522	490	460	2809	2499	2216	1960	1732	1527	1343	-5	+3.1	+5.1	00	-13.4	-35.9	-68.0	20/500	15.00
A-022*	B-022	FMI BT	12,85	198	610	665	638	612	587	562	539	516	2837	2615	2407	2211	2029	1861	1706	-5	+2.7	+4.5	00	-11.8	-31.8	-60.5	20/500	15.00


 <h3>8 x 60 S</h3>																												
A-474	B-459	SP	12,7	196	610	780	739	699	660	622	586	551	3864	3465	3100	2765	2459	2179	1927	-5	+1.4	+3.2	00	-8.8	-23.5	-45.9	20/500	15.00
A-531	B-321	GROM	12,0	185	610	800	785	717	678	640	603	567	3836	3445	3086	2757	2456	2181	1930	-5	+1.1	+3.0	00	-8.3	-22.3	-43.1	20/500	15.00
A-648	B-629	Z-GROM	12,0	185	610	800	785	717	678	640	603	567	3836	3445	3086	2757	2456	2181	1930	-5	+1.1	+3.0	00	-8.3	-22.3	-43.1	20/500	15.00


18 *C.I.P. *SAAMI




RIFLE AMMUNITION

Clp. Art.	Bullet Art.	Bullet Type	Bullet Weight [g]	Bullet Weight [gr]	Barrel Length [mm]	Velocity (m/s)						Energy (J)						Trajectory (cm)						Box/Case (Rds.)	Gross weight (kg)			
						0	50	100	150	200	250	300	0	50	100	150	200	250	300	0	50	100	150			200	250	300
 <h3>338 Lapua Magnum</h3>																												
A-421	B-421	FMI BT	16,2	250	690	900	873	847	822	797	772	748	6561	6180	5817	5472	5144	4831	4533	-5	00	+1.7	00	-5.4	-14.5	-27.6	20/400	19.50
A-423	B-423	HP BT	16,2	250	690	900	873	847	822	797	772	748	6561	6180	5817	5472	5144	4831	4533	-5	00	+1.7	00	-5.4	-14.5	-27.6	20/400	19.50

 <h3>9,3 x 62</h3>																												
A-330	B-330	SP	18,5	285	610	690	649	610	572	535	501	468	4398	3896	3434	3018	2648	2319	2026	-5	+2.7	+4.5	00	-12.5	-33.7	-64.3	20/500	19.00
A-637	B-633	Solid HP	16,20	250	610	720	677	635	596	558	522	488	4200	3079	3269	2873	2519	2205	1930	-5	+2.27	+4.19	00	-11.0	-30.0	-58.0	20/500	18.00

 <h3>9,3 x 74 R</h3>																												
A-461	B-330	SP	18,5	285	610	690	649	610	572	535	501	468	4398	3896	3434	3018	2648	2319	2026	-5	+2.7	+4.5	00	-12.5	-33.7	-64.3	20/500	19.00
A-633	B-633	Solid HP	16,20	250	610	720	677	635	596	558	522	488	4200	3079	3269	2873	2519	2205	1930	-5	+2.27	+4.19	00	-11.0	-30.0	-58.0	20/500	18.00

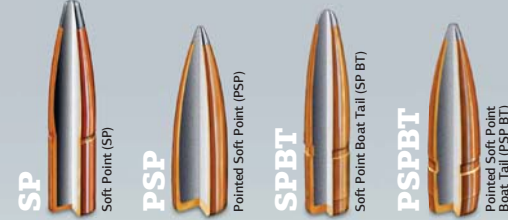
 <h3>375 H&H Magnum</h3>																												
A-265	B-265	FMI RN	19,5	300	610	775	723	673	625	578	535	494	5838	5079	4401	3794	3253	2781	2371	-5	+1.6	+3.5	00	-9.5	-26.9	-53.1	20/400	18.30
A-267*	B-267*	SP RN	19,5	300	610	775	723	673	625	578	535	494	5838	5079	4401	3794	3253	2781	2371	-5	+1.6	+3.5	00	-9.5	-26.9	-53.1	20/400	18.30
A-425	B-425	Solid RN	19,5	300	610	750	694	640	588	540	494	452	5468	4678	3981	3365	2832	2376	1986	-5	+2.0	+3.9	00	-11.3	-31.3	-60.7	20/400	18.30
A-426	B-426	GROM	19,5	300	610	750	694	640	588	540	494	452	5468	4678	3981	3365	2832	2376	1986	-5	+2.0	+3.9	00	-11.3	-31.3	-60.7	20/400	18.30
A-631	B-631	Solid HP	17,50	270	610	770	727	685	645	607	570	535	5188	4619	4104	3639	3219	2841	2502	-5	+1.49	+3.36	00	-9.26	-25.2	-48.7	20/400	17.30

 <h3>45-70 Government</h3>																												
A-448	B-448	SIFP	26,25	405	610	405	370	342	320	304	290	278	2152	1793	1531	1345	1209	1103	1016	-5	+15.6	+18.3	00	-42.0	-110.1	-206.8	20/500	20.00

RIFLE BULLETS



RIFLE BULLETS



SP rifle bullets are standard bullets designed to provide controlled expansion when penetrating. This is accomplished by the soft lead exposed in the nose that initiates expansion and by the progressively tapered jacket in its ogival part which provides uniform mushrooming and good penetration.

PSP bullets have a sharp lead nose which causes bullet expansion upon impact and an aerodynamically shaped ogival part which provides better ballistic coefficients and maximum striking energy at longer ranges.

SP BT and PSP BT bullets have a specially shaped back part with reduced diameter (boat tail) which lowers air drag. The better ballistic coefficients of these bullets allow successful shooting at longer distances at which the bullet maintains striking energy with reduced wind drift and a flatter trajectory.

Soft Point Expanding Rifle Bullets

CALIBER .22						CALIBER 6 mm		CALIBER 25		CALIBER 6.5 mm						
B-193 SP	B-032 SP	B-132** SP	B-211** SP	B-642 SP		B-331 SP	B-134 SP	B-047 PSP		B-117 SP	B-083 SP	B-084 SP BT	B-118 SP RN	B-114 PSP	B-230 SP RN	B-302 SP
2.90g 45gr	3.24g 50gr	3.56g 55gr	3.56g 55gr	3.88g 60gr		5.80g 90gr	6.50g 100gr	6.50g 100gr		8.00g 123gr	8.00g 123gr	9.00g 139gr	10.10g 156gr	9.10g 140gr	10.10g 156gr	8.00g 123gr
Cal. 22	Cal. 22	Cal. 22	Cal. 22	Cal. 22		Cal. 6mm	Cal. 6mm	Cal. 25		Cal. 6.5mm	Cal. 6.5mm	Cal. 6.5mm	Cal. 6.5mm	Cal. 6.5mm	Cal. 6.5mm	Cal. 6.5mm
Da.(inch) 222	Da.(inch) 224	Da.(inch) 224	Da.(inch) 224	Da.(inch) 224		Da.(inch) 242	Da.(inch) 242	Da.(inch) 257		Da.(inch) 263	Da.(inch) 264	Da.(inch) 263	Da.(inch) 263	Da.(inch) 263	Da.(inch) 263	Da.(inch) 268
BC 0.143	BC 0.195	BC 0.215	BC 0.206	BC		BC 0.321	BC 0.355	BC 0.327		BC 0.537	BC 0.363	BC 0.604	BC 0.524	BC 0.516	BC 0.266	BC 0.537

CALIBER .270		CALIBER 7 mm		CALIBER 30											
B-161 SP	B-027 SP	B-478 SP	B-051 SP	B-400 PSP BT	B-123 SP	B-403 SP BT	B-558 SP	B-067 SP	B-404 PSP BT	B-115 SP	B-204 SP RN	B-273 HSP	B-062 SP	B-028 SP	B-362 PSP BT
8.4g 130gr	9.20g 150gr	9.00g 139gr	9.00g 139gr	9.10g 140gr	9.40g 145gr	10.40g 160gr	11.20g 173gr	11.20g 173gr	10.30g 174gr	11.30g 174gr	7.10g 110gr	7.10g 110gr	9.70g 150gr	9.70g 150gr	10.70g 165gr
Cal. 270	Cal. 270	Cal. 7mm	Cal. 7mm	Cal. 7mm	Cal. 7mm	Cal. 7mm	Cal. 7mm	Cal. 7mm	Cal. 7mm	Cal. 7mm	Cal. 30	Cal. 30	Cal. 30	Cal. 30	Cal. 30
Da.(inch) 277	Da.(inch) 277	Da.(inch) 284	Da.(inch) 285	Da.(inch) 284	Da.(inch) 284	Da.(inch) 284	Da.(inch) 284	Da.(inch) 285	Da.(inch) 284	Da.(inch) 284	Da.(inch) 307	Da.(inch) 307	Da.(inch) 308	Da.(inch) 308	Da.(inch) 308
BC 0.360	BC 0.408	BC 0.372	BC 0.376	BC 0.457	BC 0.404	BC 0.511	BC 0.456	BC 0.460	BC 0.535	BC 0.476	BC 0.372	BC 0.371	BC 0.347	BC 0.235	BC 0.439

When ordering, check the table with ammunition articles to see where desired bullet is assembled.

RIFLE BULLETS



Soft Point Round Nose (SP RN)



Flat Soft Point (FSP)



Hollow Soft Point (HSP)

FSP bullets have a flat lead nose with increased diameter. These bullets are suitable for use in carbines with tubular magazines as they reduce the possibility of primer ignition in the cartridge placed in front due to recoil when firing. They expand reliably and penetrate deeply on light to medium game. HSP bullets have a cavity in the nose which causes expansion and helps mushrooming during penetration.

SP RN bullets have a blunt rounded nose and are suitable for short range shooting, especially in the bushes or in woods. The large lead weight exposed in the nose assures high energy impact and bullet mushrooming that is reliable even at lower velocities. These bullets have larger weights depending on length.

Soft Point Rifle Bullets

 B-200 FSP 11.0g 179gr Cal. 30 Dia.(inch) 308 BC 0.280	 B-428 SPI 11.3g 174gr Cal. 30 Dia.(inch) 308 BC 0.370	 B-066 SPI 11.7g 180gr Cal. 30 Dia.(inch) 308 BC 0.413	 B-210 PSP 8.00g 123gr Cal. 7,62mm Dia.(inch) 310 BC 0.285		 B-030 SP RN 8.00g 123gr Cal. 7,62mm Dia.(inch) 310 BC 0.355	 B-382 SP BT 9.70g 150gr Cal. 303mm Dia.(inch) 311 BC 0.385	 B-125 SP BT 11.70g 180gr Cal. 303mm Dia.(inch) 311 BC 0.416	 B-462 SPI 9.00g 139gr Cal. 8mm Dia.(inch) 322 BC 0.360				 B-162 SPI 9.00g 139gr Cal. 8mm Dia.(inch) 323 BC 0.360	 B-349 PSP BT 11.34g 175gr Cal. 8mm Dia.(inch) 322 BC 0.413	 B-459 SPI 12.70g 196gr Cal. 8mm Dia.(inch) 32 BC 0.365	 B-128 SPI 12.70g 196gr Cal. 8mm Dia.(inch) 323 BC 0.365	 B-561 SPI 13.50g 208gr Cal. 8mm Dia.(inch) 330 BC 0.355
 B-330 SP 18.50g 285gr Cal. 9,3mm Dia.(inch) 365 BC 0.334			 B-607 SP 19.50g 300gr Cal. 375 Dia.(inch) 375 BC 0.284			 B-440 SPI 26.2g 405g Cal. 45 Dia.(inch) 458 BC 0.225			When ordering, check the table with ammunition articles to see where desired bullet is assembled.							



Hollow Point (HP)



















Hollow Point Boat (HP BT)

HP rifle bullets are designed primarily for shooting competitions. Due to a cavity in the nose, the center of gravity is placed back which improves flight stability and accuracy. Hollow point bullets initiate rapid expansion on impact.

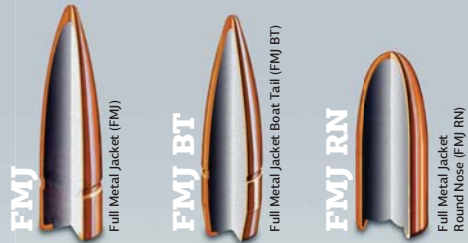
HP BT bullets have higher ballistic coefficients because of their small meplat, long ogival and boat tail design. These features enable very accurate long range shooting with flat trajectories and reduced wind drift.

Hollow Point Rifle Bullets

When ordering, check the table with ammunition articles to see where desired bullet is assembled.

 B-616 HP BT 3.56g 55gr Cal. 22 Dia.(inch) 224 BC 0.243	 B-535* HP BT 4.47g 69gr Cal. 22 Dia.(inch) 224 BC 0.311	 B-481* HP BT 4.86g 75gr Cal. 22 Dia.(inch) 224 BC 0.360	 B-046 HP 5.80g 90gr Cal. 25 Dia.(inch) 257 BC 0.270	 B-485 HP BT 7.80g 120gr Cal. 6,5mm Dia.(inch) 264 BC 0.415	 NEW B-404 HP BT 7.45g 115gr Cal. 6,5mm Dia.(inch) 277 BC 0.308	 B-401 HP 7.80g 120gr Cal. 7mm Dia.(inch) 284 BC 0.334	 B-405 HP BT 9.70g 150gr Cal. 7mm Dia.(inch) 284 BC 0.415						
 NEW B-608 HP BT 8.10g 123gr Cal. 30 Dia.(inch) 308 BC 0.322			 B-363 HP BT 10.50g 165gr Cal. 30 Dia.(inch) 308 BC 0.460			 NEW B-552 HP BT 11.5g 175gr Cal. 30 Dia.(inch) 308 BC 0.521			 B-367 HP BT 12.80g 190gr Cal. 30 Dia.(inch) 308 BC 0.589	 B-380 HP BT 13.3g 175gr Cal. 8mm Dia.(inch) 322 BC 0.381	 B-638 HP BT 16.2g 250gr Cal. 338 Dia.(inch) 338 BC 0.605	 NEW B-631 500 HP 16.6g 250gr Cal. 8,3mm Dia.(inch) 365 BC 0.328	 NEW B-631 500 HP 17.5g 270gr Cal. 8,3mm Dia.(inch) 375 BC 0.343
When ordering, check the table with ammunition articles to see where desired bullet is assembled.													

RIFLE BULLETS



Full Metal Jacket rifle bullets are nonexpanding bullets with a full-length jacket opened at the base only. Due to their sharp nose, these bullets provide good penetration. They are suitable for target shooting, but also for varmint hunting as they cause minimum tissue damage and leave a small exit hole.

FMJ RN bullets with a rounded nose are suitable for short range shooting. They provide maximum penetration when hunting dangerous game.

FMJ BT bullets are specially shaped bullets designed to reduce air resistance. The rear cone in combination with an aerodynamically shaped ogival part provide high ballistic coefficients, slight velocity drops on the trajectory, greater down-range energy and less wind drift as well.

Full Metal Jacket Rifle Bullets

B-212 FMJ BT 3,56g 55gr Cal. 22 Dia.(inch) 224 BC 0.256	B-615 FMJ BT 3,56g 55gr Cal. 22 Dia.(inch) 224 BC 0.256	B-419 FMJ BT 4,00g 62gr Cal. 22 Dia.(inch) 224 BC 0.290	B-484 FMJ BT 7,10g 110gr Cal. 6,5mm Dia.(inch) 264 BC 0.411	B-083 FMJ BT 9,00g 139gr Cal. 6,5mm Dia.(inch) 263 BC 0.413	B-605 FMJ BT 9,00g 139gr Cal. 6,5mm Dia.(inch) 268 BC 0.604	B-603 FMJ BT 7,45g 115gr Cal. 6,5mm Dia.(inch) 277 BC 0.315
CALIBER 22			CALIBER 6,5 mm			CALIBER 6,8 mm

B-436 FMJ BT 9,70g 150gr Cal. 30 Dia.(inch) 308 BC 0.467	B-099 FMJ 9,70g 150gr Cal. 30 Dia.(inch) 308 BC 0.413	B-345 FMJ BT 11,30g 174gr Cal. 30 Dia.(inch) 308 BC 0.512	B-366** FMJ BT 11,30g 174gr Cal. 30 Dia.(inch) 308 BC 0.503	B-449 FMJ BT 11,34g 175gr Cal. 30 Dia.(inch) 308 BC 0.502	B-074 FMJ 8,00g 123gr Cal. 7,62mm Dia.(inch) 310 BC 0.330
CALIBER 30					CALIBER 7,62 mm

B-127 FMJ BT 11,34g 175gr Cal. 7mm Dia.(inch) 284 BC 0.442	B-010 FMJ 7,10g 110gr Cal. 30 Dia.(inch) 307 BC 0.171	B-636 FMJ 8,10g 125gr Cal. 30 Dia.(inch) 308 BC 0.325	B-007 FMJ 9,00g 139gr Cal. 30 Dia.(inch) 308 BC 0.369	B-119 FMJ BT 9,40g 145gr Cal. 30 Dia.(inch) 308 BC 0.401	B-009** FMJ BT 9,40g 145gr Cal. 30 Dia.(inch) 308 BC 0.419
CALIBER 7 mm	CALIBER 30				

B-219 FMJ BT 9,70g 150gr Cal. 308 Dia.(inch) 311 BC 0.330	B-437 FMJ BT 11,00g 170gr Cal. 308 Dia.(inch) 311 BC 0.313	B-343 FMJ BT 11,30g 174gr Cal. 308 Dia.(inch) 311 BC 0.525	B-169 FMJ BT 11,80g 183gr Cal. 308 Dia.(inch) 311 BC 0.548	B-006 FMJ BT 12,50g 190gr Cal. 308 Dia.(inch) 311 BC 0.560
CALIBER 308				

When ordering, check the table with ammunition articles to see where desired bullet is assembled.

B-424 FMJ BT 8,00g 124gr Cal. 28mm Dia.(inch) 323 BC 0.295	B-022 FMJ BT 12,85g 198gr Cal. 30mm Dia.(inch) 322 BC 0.517	B-564 FMJ BT 12,96g 200gr Cal. 30mm Dia.(inch) 322 BC 0.510	B-001 FMJ BT 12,85 198gr Cal. 30mm Dia.(inch) 323 BC 0.510	B-384 FMJ BT 13,50g 208gr Cal. 30mm Dia.(inch) 330 BC 0.480	B-471 FMJ BT 16,30g 250gr Cal. 30mm Dia.(inch) 323 BC 0.560	B-417 FMJ BT 12,96g 200gr Cal. 30mm Dia.(inch) 327 BC 0.516
CALIBER 8 mm						

B-421 FMJ BT 16,20g 250gr Cal. 308 Dia.(inch) 388 BC 0.608	B-265 FMJ RN 19,5gr 300gr Cal. 375 Dia.(inch) 375 BC 0.608	B-444 FPI 19,50g 300gr Cal. 375 Dia.(inch) 375 BC 0.267
CALIBER 338	CALIBER 375	



RIFLE AMMUNITION



Rifle ammunition made by factory "Prvi partizan", desire of many hunters, is a real diamond in the rifle of every passionate hunter.

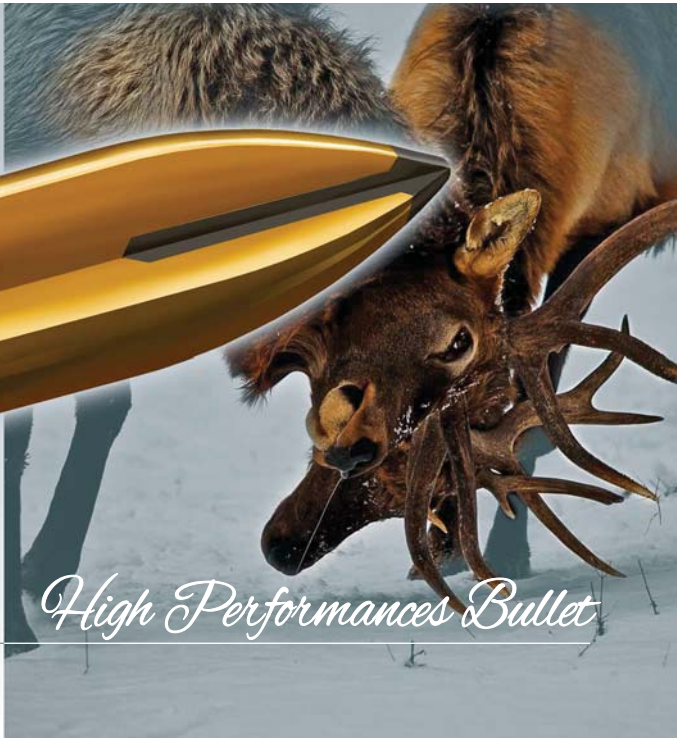
Designed according to market demands, improved by the precious suggestions of hunters, "Prvi partizan" ammunition is the result of up-to-date technical and technological solutions, long-term special research work of ballistics and hunting experts. It is made of high quality raw materials and components carefully chosen according to its application. We also considered, to perfection severe demands of numerous passionate shooters, raving for competition and winnings. For their eye and good rifle they have at their disposal "Prvi partizan" ammunition, which is extremely accurate and convenient for soft shooting.

Each caliber is produced with many bullet types, different weights and very close tolerances, providing uniform quality of the ammunition. Besides standard expanding bullet types, we also offer a new type called "Grom" ("Thunder"). These are bullets of our own design, with very high performances on the target.

GROM (THUNDER)[®]

**GROM
(THUNDER)[®]**

High Performances Bullet



**GROM RIFLE BULLETS
WITH LEAD CORE**

Art.	Caliber	Dia. [inch]	Type	Weight [g]	Weight [gr]
B-105	7 mm	.284	Grom	10,2	158
B-323	30	.308	Grom	11,0	170
B-321	8 mm	.322	Grom	12,0	185



GROM (THUNDER)[®]

**GROM RIFLE BULLETS
WITH TIN CORE**

Art.	Caliber	Dia. [inch]	Type	Weight [g]	Weight [gr]
B-630	7 mm	.284	Z-Grom	10,2	158 NEW
B-628	30	.308	Z-Grom	11,0	170 NEW
B-629	8 mm	.322	Z-Grom	12,0	185 NEW



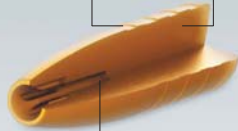
Attentively analyzing your needs and wishes we designed a new bullet type made of a copper alloy with a small lead core. The research confirmed our efforts to offer you a high performance bullet type with an optimum balance of characteristics when penetrating: controlled and reliable expansion, deep penetration, maximum weight retention, good accuracy and satisfying energy. GROM ammunition is intended for big game hunting.

When ordering, check the table with ammunition articles to see where desired bullet is assembled.

SOLID BULLETS



Performance grooves Special brass



Triangular Cavity

Following market demands for development of nature and environment friendly products, "Pvi Partizan" strives to respond adequately to these requirements. This year we proudly present a complete ecological line of cartridges with lead free bullets.

These "solid" bullets do not contain classical core and jacket. They enable good expansion, big energy transfer and maximum remaining mass of bullet. Good position of grooves enables pressure reduction and outstanding precision.

Bullets meet expectations of hunters and are available in following calibers:

A-637	9.3 x 62	250 gr	Solid HP
A-633	9.3 x 74 R	250 gr	Solid HP
A-631	375 H & H Magnum	270 gr	Solid HP

Interior ballistic advantages of SOLID bullets:

- Less barrel friction
- Less gun barrel heating
- Lower energy loss of the bullet
- Less gun barrel wear
- Low friction on the surface

Exterior ballistic advantages of SOLID bullets:

- Excellent accuracy
- Projectiles respond fast and safe
- Long flat trajectory
- Maximum retain of mass
- Excellent penetration
- High lethal effect by cavity shock



NEW OLDIES

"Old soldiers never die"

"Old soldiers never die", and apparently neither do old military cartridges. 45-70 has been with us for over 100 years and is still very much alive. As a short range woods or bush cartridge for all big game from deer to grizzly bear, 45-70 will remain its own with our modern developments. Its greatest fault is in the matter of a rather curved trajectory that makes it difficult to place shots beyond about 150 yards with any certainty. Unfortunately, the U.S. Springfield and most of the other black powder rifles won't stand pressures over 25,000 psi or so, and this prevents the use of heavy loads of smokeless powder. In a late model 86 Winchester or other smokeless powder rifles, the 45-70 can be loaded to deliver very impressive knockdown on our heaviest species of big game.



**45-70
GOVERNMENT**



MATCH AMMUNITION



PPU Match Line ammunition is designed for accurate shooting in shorter and longer distances. In addition to the ammunition, PPU offers a wide range of Match bullets in the most popular calibers designed primarily for those who wish to make competition quality ammunition on their own. The exceptional accuracy of PPU Match ammunition is the result of special production procedures and control which make possible the manufacture of parts with very narrow

















tolerances. PPU Match components are made with materials of high quality and on special equipment. For loading ammunition we use reliable primers of uniform quality and carefully chosen powders so that they provide consistent ballistic characteristics. Rigorous final control ensures that our buyers get only the ammunition which completely fulfill their expectations.



RIFLE MATCH BULLETS

When ordering, check the table with ammunition articles to see where desired bullet is assembled.

Rifle Match Bullets

 B-399[*] HP BT 4.47g 69gr Cal. 22 Dia.(inch) 224 BC 0.310 CALIBER 22 *9" or faster twist barrels	 B-495[*] HP BT 4.86g 75gr Cal. 22 Dia.(inch) 224 BC 0.350	 B-540 HP BT 4.86g 75gr Cal. 4.6mm Dia.(inch) 264 BC 0.400 CALIBER 0.5 mm	 B-499 HP BT 9.70g 150gr Cal. 7mm Dia.(inch) 284 BC 0.415 CALIBER 7 mm	 B-625 HP BT 10.04g 155gr Cal. 308 Dia.(inch) 308 BC 0.450	 B-594^{**} S&W HP 10.10g 156gr Cal. 308 Dia.(inch) 308 BC 0.485	 B-496 HP BT 10.90g 168gr Cal. 308 Dia.(inch) 308 BC 0.450	 B-500 FMJ BT 11.24g 175gr Cal. 308 Dia.(inch) 308 BC 0.485	 B-593 HP BT 11.24g 175gr Cal. 308 Dia.(inch) 308 BC 0.475	 B-497 HP BT 12.30g 190gr Cal. 308 Dia.(inch) 308 BC 0.510
 B-529 FMJ BT 11.80g 182gr Cal. 308 Dia.(inch) 311 BC 0.520 CALIBER 303	 B-348 FMJ BT 12.85g 198gr Cal. 308 Dia.(inch) 322 BC 0.517 CALIBER 8 mm	 B-541 FMJ BT 12.96g 200gr Cal. 308 Dia.(inch) 322 BC 0.560	 B-498 FMJ BT 16.30g 250gr Cal. 308 Dia.(inch) 323 BC 0.560	 B-588 HP BT 16.20g 250g Cal. 308 Dia.(inch) 338 BC 0.598 CALIBER 338	 B-429 Solid 47.00g 725gr Cal. 50 Dia.(inch) 50 BC 0.817 CALIBER 50 with two grooves				

** 308 Winchester Bullet with three groove



MATCH AMMUNITION

223 Remington MATCH HP BT 4,47 g/69 gr

Ctg. Art.	Bullet Art.	Bullet Type	Bullet Weight [g]	Bullet Weight [gr]	Barrel Length [mm]	BC G1
A-399	B-399	HPBT	4,47	69	610	.310
D (m)	0m	100m	200m	300m	400m	500m
V (m/s)	870	773	682	597	519	450
E (J)	1692	1334	1039	797	603	453
100m	-5	x	-11.5	-43.9	-104.9	-202.3
200m	-5	+5.7	x	-26.7	-82.0	-173.6
300m	-5	+14.6	+17.8	x	-46.3	-129.0
400m	-5	+26.2	+41.0	+34.8	x	-71.1
500m	-5	+40.5	+69.4	+77.4	+56.9	x

*9° or faster twist barrels

223 Remington MATCH HP BT 4,86 g/75 gr

Ctg. Art.	Bullet Art.	Bullet Type	Bullet Weight [g]	Bullet Weight [gr]	Barrel Length [mm]	BC G1
A-495	B-495	HPBT	4,86	75	610	.350
D (m)	0m	100m	200m	300m	400m	500m
V (m/s)	830	746	666	592	523	461
E (J)	1674	1351	1079	852	665	516
100m	-5	X	-12.8	-47.3	-110.9	-210.5
200m	-5	+6.4	x	-28.1	-85.4	-178.5
300m	-5	+15.8	+18.8	x	-47.9	-131.6
400m	-5	+27.7	+42.7	+35.9	x	-71.8
500m	-5	+42.1	+71.4	+79.0	+57.5	x

*9° or faster twist barrels

6,5x55 Swedish MATCH HP BT 7,8 g/120 gr

Ctg. Art.	Bullet Art.	Bullet Type	Bullet Weight [g]	Bullet Weight [gr]	Barrel Length [mm]	BC G1
A-540	B-540	HPBT	7,8	120	610	.400
D (m)	0m	100m	200m	300m	400m	500m
V (m/s)	830	755	684	618	556	500
E (J)	2679	2218	1822	1483	1203	973
100m	-5	x	-12.2	-45.5	-104.1	-196.4
200m	-5	+6.1	x	-27.1	-79.6	-165.8
300m	-5	+15.2	+18.1	x	-43.4	-120.6
400m	-5	+26.0	+39.8	+32.6	x	-66.3
500m	-5	+39.3	+66.3	+72.3	+53.0	x



308 Winchester MATCH HP BT 10,9 g/168 gr

Ctg. Art.	Bullet Art.	Bullet Type	Bullet Weight [g]	Bullet Weight [gr]	Barrel Length [mm]	BC G1
A-496	B-496	HPBT	10,9	168	610	.450
D (m)	0m	100m	200m	300m	400m	500m
V (m/s)	795	731	669	611	556	504
E (J)	3440	2906	2439	2032	1680	1385
100m	-5	x	-13.5	-48.8	-110.1	-205.2
200m	-5	+6.8	x	-28.5	-83.0	-171.3
300m	-5	+16.3	+19.0	x	-45.0	-123.8
400m	-5	+27.5	+41.5	+33.7	x	-67.6
500m	-5	+41.0	+68.5	+74.3	+54.0	x

308 Winchester MATCH FMJ BT 11,34 g/175 gr

Ctg. Art.	Bullet Art.	Bullet Type	Bullet Weight [g]	Bullet Weight [gr]	Barrel Length [mm]	BC G1
A-500	B-500	FMJBT	11,34	175	610	.485
D (m)	0m	100m	200m	300m	400m	500m
V (m/s)	790	730	674	619	567	519
E (J)	3539	3025	2572	2173	1824	1526
100m	-5	x	-13.5	-48.7	-108.6	-201.3
200m	-5	+6.8	x	-28.3	-81.6	-167.4
300m	-5	+16.2	+18.9	x	-43.8	-120.2
400m	-5	+27.2	+40.8	+32.8	x	-65.5
500m	-5	+40.3	+67.0	+72.1	+52.4	x

MATCH AMMUNITION

308 Winchester MATCH HP BT 11,34 g/175 gr

Ctg. Art.	Bullet Art.	Bullet Type	Bullet Weight [g]	Bullet Weight [gr]	Barrel Length [mm]	BC G1
A-593	B-593	HPBT	11,34	175	610	.475
D (m)	0m	100m	200m	300m	400m	500m
V (m/s)	790	729	671	620	577	535
E (J)	3539	3015	2555	2181	1885	1625
100m	-5	x	-13.6	-49.0	-108.8	-199.7
200m	-5	+6.8	x	-28.6	-81.6	-165.7
300m	-5	+16.3	+19.1	x	-43.5	-118.0
400m	-5	+27.2	+40.8	+32.6	x	-63.7
500m	-5	+39.9	+66.3	+70.8	+51.0	x



7 mm Remington MATCH HP BT 9,7 g/150 gr

Ctg. Art.	Bullet Art.	Bullet Type	Bullet Weight [g]	Bullet Weight [gr]	Barrel Length [mm]	BC G1
A-499	B-499	HPBT	9,7	150	610	.400
D (m)	0m	100m	200m	300m	400m	500m
V (m/s)	915	836	762	691	625	562
E (J)	4069	3399	2822	2323	1897	1534
100m	-5	x	-9.1	-35.0	-81.7	-152.8
200m	-5	+4.5	x	-21.4	-63.5	-130.1
300m	-5	+11.7	+14.3	x	-35.0	-94.5
400m	-5	+20.4	+31.8	+26.3	x	-50.7
500m	-5	+30.6	+52.0	+56.7	+40.6	x

308 Winchester MATCH HP BT 10, 0 g/155 gr

Ctg. Art.	Bullet Art.	Bullet Type	Bullet Weight [g]	Bullet Weight [gr]	Barrel Length [mm]	BC G1
A-625	B-625	HPBT	10,04	155	610	.450
D (m)	0m	100m	200m	300m	400m	500m
V (m/s)	850	783	719	658	601	546
E (J)	3629	3080	2598	2178	1821	1497
100m	-5	x	-10.9	-41.0	-93.2	-173.1
200m	-5	+5.4	x	-24.7	-71.5	-146.0
300m	-5	+13.7	+16.5	x	-38.5	-104.8
400m	-5	+23.3	+35.7	+28.9	x	-56.7
500m	-5	+34.6	+58.4	+62.9	+42.3	x

308 Winchester MATCH Solid 10,1 g/156 gr

Ctg. Art.	Bullet Art.	Bullet Type	Bullet Weight [g]	Bullet Weight [gr]	Barrel Length [mm]	BC G1
A-594	B-594	Solid	10,1	156	610	.485
D (m)	0m	100m	200m	300m	400m	500m
V (m/s)	835	773	715	658	605	553
E (J)	3524	3024	2581	2191	1848	1548
100m	-5	x	-11.3	-42.1	-95.0	-174.8
200m	-5	+5.6	x	-25.2	-72.4	-146.7
300m	-5	+14.0	+16.8	x	-38.9	-104.7
400m	-5	+23.7	+36.2	+29.1	x	-56.1
500m	-5	+35.0	+58.7	+62.8	+44.9	x

308 Winchester MATCH HP BT 12,3 g/190 gr

Ctg. Art.	Bullet Art.	Bullet Type	Bullet Weight [g]	Bullet Weight [gr]	Barrel Length [mm]	BC G1
A-497	B-497	HPBT	12,3	190	610	.510
D (m)	0m	100m	200m	300m	400m	500m
V (m/s)	755	700	647	596	548	503
E (J)	3509	3014	2576	2187	1848	1557
100m	-5	x	-15.2	-53.2	-119.5	-220.1
200m	-5	+7.6	x	-30.4	-89.1	-182.0
300m	-5	+17.7	+20.3	x	-48.5	-131.3
400m	-5	+29.9	+44.5	+36.4	x	-70.7
500m	-5	+44.0	+72.8	+78.8	+56.5	x

7,62x54 R MATCH FMJ BT 11,8 g/182 gr

Ctg. Art.	Bullet Art.	Bullet Type	Bullet Weight [g]	Bullet Weight [gr]	Barrel Length [mm]	BC G1
A-529	B-529	FMJBT	11,8	182	724	.520
D (m)	0m	100m	200m	300m	400m	500m
V (m/s)	800	744	690	639	589	542
E (J)	3774	3263	2808	2405	2046	1734
100m	-5	x	-12.8	-46.4	-103.0	-189.2
200m	-5	+6.4	x	-27.2	-77.4	-157.2
300m	-5	+15.5	+18.1	x	-41.1	-111.9
400m	-5	+25.7	+38.7	+30.8	x	-60.5
500m	-5	+37.8	+62.9	+67.2	+48.4	x

8x57 IS MATCH FMJ BT 12,96 g/200 gr

Ctg. Art.	Bullet Art.	Bullet Type	Bullet Weight [g]	Bullet Weight [gr]	Barrel Length [mm]	BC G1
A-541	B-541	FMJBT	12,96	200	610	.500
D (m)	0m	100m	200m	300m	400m	500m
V (m/s)	740	684	631	580	532	487
E (J)	3549	3035	2580	2180	1834	1539
100m	-5	x	-16.1	-56.0	-126.6	-232.5
200m	-5	+8.0	x	-31.9	-94.4	-192.3
300m	-5	+18.7	+21.3	x	-51.9	-139.2
400m	-5	+31.6	+47.2	+38.9	x	-74.3
500m	-5	+46.5	+76.9	+83.5	+59.4	x

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8x57 IS MATCH FMJ BT 16,3 g/250 gr							
Ctg. Art.	Bullet Art.	Bullet Type	Bullet Weight [g]	Bullet Weight [gr]	Barrel Length [mm]	BC G1	
A-498	B-498	FMJBT	16,3	250	610	.550	
D (m)	0m	100m	200m	300m	400m	500m	
V (m/s)	660	612	567	524	484	446	
E (J)	3529	3038	2602	2223	1894	1609	
100m	-5	x	-20,7	-73,3	-161,9	-290,1	
200m	-5	+10,4	x	-42,2	-120,4	-238,2	
300m	-5	+24,4	+28,1	x	-64,2	-168,8	
400m	-5	+40,5	+60,2	+48,1	x	-64,2	
500m	-5	+58,0	+95,3	+100,8	+70,2	x	



8 mm Mauser MATCH FMJ BT 12,85 g/198 gr							
Ctg. Art.	Bullet Art.	Bullet Type	Bullet Weight [g]	Bullet Weight [gr]	Barrel Length [mm]	BC G1	
A-348	B-348	FMJBT	12,85	198	610	.500	
D (m)	0m	100m	200m	300m	400m	500m	
V (m/s)	665	613	562	516	472	432	
E (J)	2832	2407	2029	1706	1429	1195	
100m	-5	x	-20,8	-73,9	-163,7	-296,0	
200m	-5	+10,4	x	-42,7	-122,1	-244,0	
300m	-5	+24,6	+28,5	x	-65,1	-172,8	
400m	-5	+40,9	+61,0	+48,9	x	-91,4	
500m	-5	+59,2	+97,6	+103,7	+73,1	x	



8 mm Mauser MATCH FMJ BT 12,96 g/200 gr							
Ctg. Art.	Bullet Art.	Bullet Type	Bullet Weight [g]	Bullet Weight [gr]	Barrel Length [mm]	BC G1	
A-542	B-541	FMJBT	12,96	200	610	.500	
D (m)	0m	100m	200m	300m	400m	500m	
V (m/s)	665	613	562	516	472	432	
E (J)	2866	2431	2050	1723	1433	1207	
100m	-5	x	-20,8	-73,9	-163,7	-296,0	
200m	-5	+10,4	x	-42,7	-122,1	-244,0	
300m	-5	+24,6	+28,5	x	-65,1	-172,8	
400m	-5	+40,9	+61,0	+48,9	x	-91,4	
500m	-5	+59,2	+97,6	+103,7	+73,1	x	



338 Lapua Magnum MATCH HP BT 16,2 g/250 gr							
Ctg. Art.	Bullet Art.	Bullet Type	Bullet Weight [g]	Bullet Weight [gr]	Barrel Length [mm]	BC G1	
A-583	B-583	HPBT	16,2	250	690	.598	
D (m)	0m	100m	200m	300m	400m	500m	
V (m/s)	900	847	797	748	701	656	
E (J)	6561	5817	5144	4533	3981	3483	
100m	-5	x	-8,8	-32,7	-74,4	-136,3	
200m	-5	+4,4	x	-19,6	-56,8	-114,4	
300m	-5	+10,9	+13,0	x	-30,7	-81,8	
400m	-5	+18,6	+28,4	+23,0	x	-43,4	
500m	-5	+27,3	+45,7	+49,1	+34,7	x	



50 Browning MATCH Solid 47 g/725 gr							
Ctg. Art.	Bullet Art.	Bullet Type	Bullet Weight [g]	Bullet Weight [gr]	Barrel Length [mm]	BC G1	
A-595	B-429	Solid	47,0	725	737	.817	
D (m)	0m	100m	200m	300m	400m	500m	
V (m/s)	800	764	729	695	662	630	
E (J)	15034	13715	12487	11348	10292	9313	
100m	-5	x	-11,5	-41,8	-92,6	-165,6	
200m	-5	+5,8	x	-24,5	-69,6	-136,7	
300m	-5	+13,9	+16,3	x	-36,9	-95,9	
400m	-5	+23,2	+34,8	+27,7	x	-49,8	
500m	-5	+33,1	+54,7	+57,6	+38,8	x	



MATCH AMMUNITION



MATCH
AMMUNITION

HANDGUN AMMUNITION










Tradition is one of the most important preconditions for the large assortment production of high quality ammunition. Prvi Partizan has this tradition, especially with pistol and revolver ammunition production. During the first working days of the factory more than 80 years ago amazing variety consisted of now forgotten calibers: 4.25mm Liliput, 5.8m Veldog, 8mm Gasser, 9mm Steyr, Montenegrin Gasser 11.2mm and others.


Nowadays, these calibers are substituted with the large collection of bullet types, different weights and a wide range of calibers. This assortment is being enlarged constantly, because our goal is to satisfy the needs of every handgun user. Regardless of its usage the ammunition should have an extraordinary performance, excellent accuracy and above all, it should be safe and reliable.




PISTOL AMMUNITION

Ctg. Art.	Bullet Art.	Bullet Type	Bullet Weight [g]	Bullet Weight [gr]	Barrel Length [mm]	Velocity (m/s)						Energy (J)					Trajectory (cm)					Rds. Box/case	Gross weight		
						0	10	20	30	40	50	0	10	20	30	40	50	0	10	20	30			40	50
 25 Auto																									
A-160	B-016	FMJ	3,25	50	51	235	232	229	227	224	221	89	87	85	83	81	79	-1.0	+0.8	+0.7	-1.2	-5.1	-10.9	50/1000	5,60
 32 Auto																									
A-150	B-015	FMJ	4,6	71	102	275	271	267	264	260	257	174	169	166	160	156	151	-1	+0.4	+0.5	-0.8	-3.6	-7.7	50/1000	8,50
A-175	B-175	JHP	4,6	71	102	275	271	267	264	260	257	174	169	166	160	156	151	-1	+0.4	+0.5	-0.8	-3.6	-7.7	50/1000	8,50
 7,63 Mauser																									
A-413	B-012	FMJ	5,5	85	150	460	448	436	424	413	403	583	552	523	496	471	447	-1	-0.2	+0.1	-0.2	-1.0	-2.3	50/500	6,00
 7,62 Tokarev																									
A-147	B-012	FMJ	5,5	85	250	525	511	498	484	471	458	759	720	682	646	612	579	-1	-0.3	00	-0.1	-0.6	-1.5	50/500	6,00
A-174	B-174	JHP	5,5	85	250	510	492	474	457	440	424	716	666	618	575	533	424	-1	-0.3	00	-0.1	-0.7	-1.8	50/500	6,00
 7,65 Parabelum																									
A-549	B-549	FMJ	6,0	93	150	390	380	371	363	355	347	560	436	371	396	379	363	-1.0	-0.1	+0.1	-0.3	-1.6	-3.6	50/1000	11,20
 380 Auto																									
A-144	B-014	FMJ	6,1	94	95	290	286	282	279	275	272	259	252	245	239	233	227	-1	+0.3	+0.4	-0.7	-3.1	-6.8	50/1000	10,10
A-145	B-145	JHP	6,1	94	95	290	284	278	273	268	263	259	248	236	226	218	210	-1	+0.3	+0.4	-0.8	-3.2	-7.1	50/1000	10,10
 9 mm Makarov																									
A-215	B-102	FMJ	6,0	93	100	320	313	306	300	294	289	307	293	281	270	259	250	-1	+0.2	+0.3	-0.6	-2.6	-5.7	50/1000	10,50
A-172	B-172	JHP	6,15	95	100	310	303	297	292	287	282	280	269	258	248	240	231	-1	+0.2	+0.3	-0.6	-2.8	-6.1	50/1000	10,60


PISTOL AMMUNITION

Ctg. Art.	Bullet Art.	Bullet Type	Bullet Weight [g]	Bullet Weight [gr]	Barrel Length [mm]	Velocity (m/s)					Energy (J)					Trajectory (cm)					Rds. Box/case weight	Gross weight			
						0	10	20	30	40	50	0	10	20	30	40	50	0	10	20			30	40	50
																						9 mm Luger			
A-398	B-398	FMJ	6,15	95	102	390	377	365	354	344	335	468	438	410	386	365	346	-1,0	-0,1	+0,2	-0,3	-1,6	-3,7	50/1000	11,30
A-490	B-490	S&P	6,5	100	102	385	369	355	344	334	325	480	440	409	383	361	342	-1,0	-0,1	+0,2	-0,4	-1,7	-4,0	50/1000	11,70
A-112	B-112	FMJ	7,45	115	102	360	352	344	338	330	324	483	460	440	422	406	391	-1,0	0,0	+0,2	-0,4	-1,9	-4,3	50/1000	12,60
A-044	B-044	TMJ	7,45	115	102	360	352	344	338	330	324	483	460	440	422	406	391	-1,0	0,0	+0,2	-0,4	-1,9	-4,3	50/1000	12,60
A-101	B-101	JHP	7,45	115	102	360	349	340	331	323	316	483	455	430	408	389	372	-1,0	0,0	+0,2	-0,4	-2,0	-4,4	50/1000	12,60
A-033	B-033	FMJ	8,0	124	102	345	338	332	326	320	315	476	457	440	424	410	396	-1,0	0,0	+0,2	-0,5	-2,1	-4,7	50/1000	13,00
A-171	B-171	JHP	8,0	124	102	345	332	320	310	301	293	476	440	410	385	363	344	-1,0	+0,1	+0,3	-0,5	-2,3	-5,2	50/1000	13,00
A-201	B-192	LRN	8,0	124	102	345	337	330	324	318	312	476	453	434	417	402	388	-1,0	+0,1	+0,2	-0,5	-2,1	-4,7	50/1000	13,00
A-297	B-297	TMJ	8,0	124	102	345	338	332	326	320	315	476	457	440	424	410	396	-1,0	0,0	+0,2	-0,5	-2,1	-4,7	50/1000	13,00
A-181	B-181	FPJ	8,1	125	102	340	334	328	323	318	314	464	448	433	420	407	395	-1,0	+0,1	+0,2	-0,5	-2,1	-4,8	50/1000	13,00
A-329	B-329	S&P	8,4	130	102	330	324	318	312	307	303	459	441	426	411	398	386	-1,0	+0,1	+0,3	-0,5	-2,3	-5,2	50/1000	13,40
A-166	B-166	FMJ	9,5	147	102	310	307	303	300	297	294	458	448	438	430	421	413	-1,0	+0,1	+0,3	-0,6	-2,6	-5,7	50/1000	14,50
A-455	B-455	TMJ	9,5	147	102	310	307	303	300	297	294	458	448	438	430	421	413	-1,0	+0,1	+0,3	-0,6	-2,6	-5,7	50/1000	14,50
A-163	B-163	JHP	9,5	147	102	310	306	302	298	294	290	458	445	433	422	412	402	-1,0	+0,2	+0,3	-0,6	-2,7	-5,8	50/1000	14,50
A-457	B-457	FMJ	10,2	158	102	300	294	289	284	279	275	461	444	428	413	400	387	-1,0	+0,3	+0,4	-0,7	-2,9	-6,4	50/1000	15,20

																						9 mm Browning Long			
A-164	B-164	FMJ	7,0	108	128	350	339	329	321	313	306	429	402	379	359	342	327	-1,0	0,0	+0,2	-0,5	-2,1	-4,8	50/1000	11,70


																						9 x 21			
A-198	B-013	FMJ	8,0	124	150	360	350	341	332	325	318	521	492	466	444	424	406	-1,0	0,0	+0,2	-0,4	-2,0	-4,4	50/1000	13,10
A-192	B-192	LRN	8,0	124	150	360	350	344	335	328	322	521	492	468	448	431	414	-1,0	0,0	+0,2	-0,4	-1,9	-4,3	50/1000	13,10


																						357 SIG			
A-446	B-446	FPJ	8,1	125	150	470	458	446	435	424	414	895	849	807	767	729	694	-1,0	-0,3	0,0	-0,2	-0,9	-2,2	50/1000	14,00


																						38 Super Auto+P			
A-354	B-354	FMJ	8,4	130	127	370	360	352	344	337	331	577	546	522	500	480	461	-1,0	0,0	+0,2	-0,4	-1,8	-4,1	50/500	7,30




PISTOL AMMUNITION

Ctg. Art.	Bullet Art.	Bullet Type	Bullet Weight [g]	Bullet Weight [gr]	Barrel Length [mm]	Velocity (m/s)					Energy (J)					Trajectory (cm)					Rds. Box/case weight	Gross weight			
						0	10	20	30	40	50	0	10	20	30	40	50	0	10	20			30	40	50
																						40 S&W			
A-614	B-614	FPJ	10,7	165	102	305	301	297	293	290	286	497	484	471	459	448	438	-1,0	+0,2	+0,4	-0,6	-2,8	-6,1	50/500	8,20
A-415	B-361	FPJ	11,0	170	102	300	293	287	281	276	271	496	474	454	436	420	404	-1,0	+0,3	+0,4	-0,7	-3,0	-6,6	50/500	8,40
A-353	B-353	TMJ	11,7	180	102	295	291	287	284	280	277	508	494	482	470	458	448	-1,0	+0,3	+0,4	-0,7	-3,0	-6,5	50/500	8,80
A-196	B-196	JHP	11,7	180	102	295	291	288	285	282	279	508	496	484	473	463	453	-1,0	+0,3	+0,4	-0,7	-3,0	-6,5	50/500	8,80
A-197	B-195	FPJ	12,3	190	102	275	272	270	268	265	263	466	457	449	441	433	426	-1,0	+0,4	+0,5	-0,8	-3,4	-7,5	50/500	9,00

																						10 mm Auto			
A-361	B-361	FPJ	11,0	170	150	340	329	319	311	303	296	637	596	562	532	506	483	-1,0	+0,1	+0,3	-0,5	-2,3	-5,2	50/500	8,60
A-194	B-196	JHP	11,7	180	150	330	324	319	314	309	304	635	613	592	574	556	541	-1,0	+0,1	+0,3	-0,5	-2,3	-5,1	50/500	9,00
A-194A	B-196	JHP	11,7	180	150	365	355	347	338	331	325	777	737	700	668	641	618	-1,0	0,0	+0,2	-0,4	-1,9	-4,2	50/500	9,00
A-195	B-195	FPJ	12,3	190	150	320	316	312	309	305	302	630	615	601	587	574	562	-1,0	+0,1	+0,3	-0,6	-2,4	-5,3	50/500	9,30
A-195A	B-195	FPJ	12,3	190	150	355	348	342	336	331	327	776	747	721	697	676	658	-1,0	0,0	+0,2	-0,4	-1,9	-4,3	50/500	9,30

																						45 HP			
A-206	B-181	SJHP	12,0	185	127	270	268	266	264	262	260	437	430	423	417	410	400	-1,0	+0,4	+0,5	-0,8	-3,6	7,8	50/500	9,40
A-186	B-180	FMJ	14,9	230	127	250	248	246	244	243	241	466	459	452	445	439	433	-1,0	+0,6	+0,6	-1,0	-4,2	-9,1	50/500	10,80

																						45 Auto			
A-181	B-181	SJHP	12,0	185	127	285	282	280	278	275	273	487	478	470	462	455	447	-1,0	+0,3	+0,4	-0,7	-3,1	-6,9	50/500	9,40
A-214	B-214	FMJ	13,0	200	127	270	267	265	263	260	258	472	464	455	447	438	431	-1,0	+0,4	+0,5	-0,8	-3,6	-7,9	50/500	10,20
A-079	B-180	FMJ	14,9	230	127	255	253	251	249	247	246	485	477	470	463	456	449	-1,0	+0,6	+0,6	-1,0	-4,1	-8,7	50/500	10,80
A-303	B-303	TMJ	14,9	230	127	255	253	251	249	247	246	485	477	470	463	456	449	-1,0	+0,6	+0,6	-1,0	-4,1	-8,7	50/500	10,80
A-202	B-202	LRN	14,9	230	127	255	253	251	249	247	246	485	477	470	463	456	449	-1,0	+0,6	+0,6	-1,0	-4,1	-8,7	50/500	10,80

REVOLVER AMMUNITION



REVOLVER AMMUNITION

Ctg. Art.	Bullet Art.	Bullet Type	Bullet Weight [g]	Bullet Weight [gr]	Barrel Length [mm]	Velocity (m/s)						Energy (J)						Trajectory (cm)						Rds. Box/case	Gross weight
						0	10	20	30	40	50	0	10	20	30	40	50	0	10	20	30	40	50		
22 Remington Jet Magnum																									
A-414	B-193	SP	2,9	45	257	675	676	657	638	619	601	705	666	629	594	560	527	-1.0	-0.4	-0.1	00	-0.1	-0.4	50/1000	9,40
7,62 Nagant																									
A-470	B-470	FPJ	6,35	98	150	225	223	221	219	216	214	161	158	155	152	149	146	-1.0	+0.9	+1.1	-1.3	-5.4	-11.6	50/500	6,50
32 S&W Long																									
A-081	B-081	LRN	6,35	98	135	240	238	236	234	232	230	174	170	167	165	162	159	-1	+0.7	+0.7	-1.1	-4.7	-10.2	50/500	5,20
A-298	B-298	WC	6,35	98	135	225	220	215	210	205	200	164	156	149	142	136	130	-1	+0.9	+0.8	-1.4	-5.8	-12.6	50/1000	10,00
38 S&W																									
A-089	B-089	LRN	9,4	145	135	210	204	197	191	186	180	207	195	183	172	162	152	-1.0	+1.2	+1.0	-1.7	-7.0	-15.2	50/1000	14,50
38 Special																									
A-613	B-613	FMJ	8,4	130	196	310	306	301	297	293	290	405	393	382	372	363	354	-1.0	+0.2	+0.3	-0.6	-2.7	-5.9	50/500	7,20
A-158	B-111	FMS	10,2	158	196	275	269	263	257	252	247	387	370	353	338	324	311	-1.0	+0.4	+0.5	-0.9	-3.7	-8.1	50/500	8,00
A-584	B-339	FPJ	10,2	158	196	275	272	271	267	265	262	387	380	372	365	358	352	-1.0	+0.4	+0.5	-0.8	-3.5	-7.5	50/500	8,00
A-344	B-338	SFP	10,2	158	196	275	272	271	267	265	262	387	380	372	365	358	352	-1.0	+0.4	+0.5	-0.8	-3.5	-7.5	50/500	8,00
A-159	B-135	SHP	10,2	158	196	275	272	269	267	264	261	387	379	371	364	357	350	-1.0	+0.4	+0.5	-0.8	-3.5	-7.6	50/500	8,00
A-050	B-017	LRN	10,2	158	196	275	272	269	266	263	260	387	378	370	361	353	346	-1.0	+0.4	+0.5	-0.8	-3.5	-7.6	50/500	8,00
A-140	B-140	SWC	10,2	158	196	275	272	271	267	265	262	387	380	372	365	358	352	-1.0	+0.4	+0.5	-0.8	-3.5	-7.5	50/500	8,00
A-136	B-136	SWC HP	10,2	158	196	275	272	269	267	264	261	387	379	371	364	357	350	-1.0	+0.4	+0.5	-0.8	-3.5	-7.6	50/500	8,00
A-049	B-053	WC	9,6	148	196	245	238	231	224	218	211	288	271	255	241	227	215	-1.0	+0.7	+0.7	-1.2	-5.0	-10.8	50/500	7,60
38 S&W +P																									
A-332	B-332	TMJ	10,2	158	102	270	267	265	262	260	258	373	366	359	353	346	340	-1.0	+0.4	+0.5	-0.8	-3.6	-7.9	50/500	8,10

REVOLVER AMMUNITION

Ctg. Art.	Bullet Art.	Bullet Type	Bullet Weight [g]	Bullet Weight [gr]	Barrel Length [mm]	Velocity (m/s)					Energy (J)					Trajectory (cm)					Rds. Box/case weight
						0	10	20	30	40	50	0	10	20	30	40	50	0	10	20	



357 Magnum

A-111	B-111	FMS	10,2	158	254	470	459	448	437	427	417	1131	1077	1026	977	932	889	-1,0	-0,3	00	-0,2	-0,9	-2,2	50/500	8,60
A-339	B-339	FPP	10,2	158	254	490	478	465	453	442	431	1229	1167	1108	1052	999	949	-1,0	-0,3	00	-0,1	-0,7	-1,9	50/500	8,60
A-115	B-115	SHP	10,2	158	254	490	477	464	451	439	427	1229	1164	1101	1042	987	935	-1,0	-0,3	00	-0,1	-0,8	-1,9	50/500	8,60
A-338	B-338	SJFP	10,2	158	254	490	478	465	453	442	431	1229	1167	1108	1052	999	949	-1,0	-0,3	00	-0,1	-0,7	-1,9	50/500	8,60



44 Remington Magnum

A-221	B-221	FPI	11,7	180	210	550	532	514	496	480	463	1764	1649	1540	1438	1341	1250	-1,0	-0,3	00	-0,1	-0,5	-1,4	50/500	11,00
A-154	B-154	JHP	11,7	180	210	550	537	524	511	498	486	1764	1680	1599	1522	1448	1377	-1,0	-0,3	00	-0,1	-0,5	-1,3	50/500	11,20
A-222	B-222	FPI	15,6	240	210	470	458	447	436	425	415	1718	1632	1552	1476	1406	1336	-1,0	-0,3	00	-0,2	-1,5	-2,1	50/500	12,80
A-156	B-156	JHP	15,6	240	210	470	458	447	437	426	416	1718	1634	1556	1482	1412	1347	-1,0	-0,3	00	-0,2	-0,9	-2,2	50/500	12,80
A-580	B-580	SJHP	15,6	240	210	470	458	447	437	426	416	1718	1634	1556	1482	1412	1347	-1,0	-0,3	00	-0,2	-0,9	-2,2	50/500	12,80
A-359	B-359	SJFP	15,6	240	210	470	458	446	436	425	415	1718	1632	1552	1476	1405	1338	-1,0	-0,3	00	-0,2	-1,3	-2,2	50/500	12,80
A-320	B-320	SJFP	19,5	300	210	390	382	376	367	361	354	1479	1418	1363	1311	1263	1219	-1,0	-0,1	00	-0,3	-1,5	-3,5	50/500	14,50



HANDGUN BULLETS



Expanding Handgun Bullets

Jacketed Hollow Point bullets have a full-length jacket with a hollow point. This construction provides deep penetration with controlled expansion and also enables reliable feeding into the chamber and good functioning in auto loading pistols. These very accurate bullets are suitable for revolvers too.

SJHP bullets provide optimum expansion with controlled penetration. Due to the partly exposed lead in the nose they are less suitable for pistols and are mainly used in revolver ammunition.

SJFP bullets with flat exposed lead tips are suitable for short range shooting with revolvers. They provide deeper penetration with less expansion than SJHP bullets, which provide deep penetration with controlled expansion and good functioning in auto loading pistols.

B-174 JHP 5,50g 85gr Cal. 3,02mm Dia.(inch) 3,065 BC 0,120 CALIBER 7,62 mm	B-175 JHP 4,60g 71gr Cal. 3,81 Dia.(inch) 3,080 BC 0,119 CALIBER 37	B-101 JHP 7,45g 115gr Cal. 9mm Dia.(inch) 3,545 BC 0,305 CALIBER 9 mm	B-171 JHP 8,00g 124gr Cal. 9mm Dia.(inch) 3,545 BC 0,110	B-329 SJFP 8,40g 130gr Cal. 9mm Dia.(inch) 3,545 BC 0,140	B-163 JHP 9,50g 147gr Cal. 9mm Dia.(inch) 3,545 BC 0,165	B-145 JHP 6,10g 94gr Cal. 9mm Dia.(inch) 3,555 BC 0,134	B-135 SJHP 10,20g 158gr Cal. 9mm Dia.(inch) 3,555 BC 0,196 CALIBER 37	B-338 SJHP 10,20g 158gr Cal. 9mm Dia.(inch) 3,555 BC 0,196 CALIBER 37
B-172 JHP 6,15g 95gr Cal. 9mm Dia.(inch) 3,545 BC 0,105 CALIBER 9 mm Maico	B-196 JHP 11,70g 180gr Cal. 10mm Dia.(inch) 3,995 BC 0,154 CALIBER 10 mm	B-154 JHP 11,70g 180gr Cal. 10mm Dia.(inch) 4,285 BC 0,188 CALIBER 44	B-156 JHP 15,00g 240gr Cal. 10mm Dia.(inch) 4,285 BC 0,175	B-580 SJHP 15,50g 240gr Cal. 10mm Dia.(inch) 4,285 BC 0,175 CALIBER 44	B-359 SJFP 15,00g 240gr Cal. 10mm Dia.(inch) 4,285 BC 0,175	B-320 SJFP 19,50g 300gr Cal. 10mm Dia.(inch) 4,285 BC 0,201 CALIBER 45	B-181 SJHP 12,00g 185gr Cal. 10mm Dia.(inch) 4,500 BC 0,174 CALIBER 45	

When ordering, check the table with ammunition articles to see where desired bullet is assembled.

HANDGUN BULLETS



FMJ bullets are general purpose bullets suitable for auto loading pistols. They provide excellent cartridge feeding into the weapon chamber and good penetration. These bullets are a good choice for practice shooting.

FPJ bullets are actually FMJ bullets with a flat nose. These bullets are designed to improve the stopping power of the FMJ bullets. They are suitable for primarily for revolver ammunition but are also used in pistol ammunition.

FMS is our bullet with a conical nose used in 357 Magnum and 38 Special cartridges. The main characteristic of this bullet is excellent penetration capability.

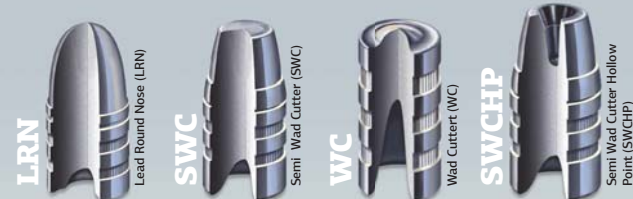
Full Metal Jacket Handgun Bullets

 B-016 FMJ 3.25x 50gr Cal. .38 Dia.(inch) 2500 BC 0.120 CALIBER 25	 B-012 FMJ 6.50x 85gr Cal. 7.62mm Dia.(inch) 3065 BC 0.159	 B-470 FPJ 6.35x 98gr Cal. 7.62mm Dia.(inch) 307 BC 0.157	 B-548 FMJ 6.00x 93gr Cal. 7.62mm Dia.(inch) 3080 BC 0.154 CALIBER 7.62 mm	 B-015 FMJ 6.60x 71gr Cal. .38 Dia.(inch) 3080 BC 0.119 CALIBER 32	 B-398 FMJ 6.15x 95gr Cal. .38 Dia.(inch) 3545 BC 0.117	 B-112 FMJ 7.45x 113gr Cal. .38 Dia.(inch) 3545 BC 0.147	 B-013 FMJ 8.00x 124gr Cal. .38 Dia.(inch) 3545 BC 0.118	 B-446* FPJ 8.10x 125gr Cal. .38 Dia.(inch) 3545 BC 0.167	 B-191** FPJ 8.10x 125gr Cal. .38 Dia.(inch) 3545 BC 0.158	 B-354 FMJ 8.40x 130gr Cal. .38 Dia.(inch) 3545 BC 0.129	 B-166 FMJ 9.50x 147gr Cal. .38 Dia.(inch) 3545 BC 0.222		
*9 mm Luger Bullet **357 SIG Bullet													
 B-457 FMJ 10.20x 158gr Cal. .38 Dia.(inch) 3545 BC 0.309	 B-014 FMJ 6.10x 94gr Cal. .38 Dia.(inch) 3555 BC 0.134	 B-164 FMJ 7.00x 108gr Cal. .38 Dia.(inch) 3585 BC 0.109	 B-102 FMJ 6.00x 93gr Cal. .38 Dia.(inch) 3645 BC 0.105	 B-614 FMJ 8.40x 130gr Cal. .38 Dia.(inch) 3555 BC 0.178	 B-339 FPJ 10.20x 158gr Cal. .38 Dia.(inch) 3555 BC 0.195	 B-111 FMS 10.20x 158gr Cal. .38 Dia.(inch) 3555 BC 0.192	 B-614 FPJ 10.70x 165gr Cal. .38 Dia.(inch) 3995 BC 0.150	 B-361 FPJ 11.00x 170gr Cal. .38 Dia.(inch) 3995 BC 0.197	 B-195 FPJ 12.50x 190gr Cal. .44 Dia.(inch) 3995 BC 0.205	 B-221 FPJ 11.70x 180gr Cal. .44 Dia.(inch) 4285 BC 0.193	 B-222 FPJ 15.60x 240gr Cal. .44 Dia.(inch) 4285 BC 0.375	 B-214 FPJ 13.00x 200gr Cal. .45 Dia.(inch) 4500 BC 0.149	 B-180 FMJ 14.90x 230gr Cal. .45 Dia.(inch) 4500 BC 0.196

When ordering, check the table with ammunition articles to see where desired bullet is assembled.













HANDGUN BULLETS



LRN bullets are versatile, economical bullets for general purpose used mainly in revolvers. They are very accurate and especially suitable for practice. WC bullets are specially designed lead bullets with excellent accuracy intended for shooting competitions. These cylindrical bullets cut clean holes in the target for easy reading of results. Because of low recoil they are suitable for training. SWC bullets have higher velocity and power and provide accurate shooting at somewhat longer distances than possible with WC bullets. SWC HP bullets with a nose cavity deliver immediate expansion and efficient transfer of energy. They leave clean holes in paper targets.

Lead Handgun Bullets







 B-081 LRN 6.35x 98gr Cal. .38 Dia.(inch) 3125 BC 0.174	 B-298 WC 6.35x 98gr Cal. .38 Dia.(inch) 3125 BC 0.102	 B-192 LRN 8.00x 124gr Cal. .38 Dia.(inch) 3560 BC 0.143	 B-033 WC 9.60x 148gr Cal. .38 Dia.(inch) 3575 BC 0.100	 B-017 LRN 10.20x 158gr Cal. .38 Dia.(inch) 3575 BC 0.156	 B-140 SWC 10.20x 158gr Cal. .38 Dia.(inch) 3575 BC 0.156	 B-326* SWC 10.20x 158gr Cal. .38 Dia.(inch) 3575 BC 0.156	 B-136 SWCHP 10.20x 158gr Cal. .38 Dia.(inch) 3575 BC 0.156	 B-089 LRN 9.40x 145gr Cal. .38 Dia.(inch) 3590 BC 0.100	 B-202 LRN 14.90x 230gr Cal. .45 Dia.(inch) 4115 BC 0.196
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When ordering, check the table with ammunition articles to see where desired bullet is assembled.

HANDGUN BULLETS



TMJ

					
B-004 TMJ 7,45g 115gr Cal. 9mm Dia (inch) 3545 BC 0,347	B-297 TMJ 8,00g 124gr Cal. 9mm Dia (inch) 3545 BC 0,343	B-455 TMJ 9,50g 147gr Cal. 9mm Dia (inch) 3545 BC 0,225	B-332 TMJ 10,20g 158gr Cal. 9mm Dia (inch) 3555 BC 0,349	B-353 TMJ 11,70g 180gr Cal. 10mm Dia (inch) 3995 BC 0,339	B-303 TMJ 14,90g 230gr Cal. 45 Dia (inch) 4500 BC 0,390
CALIBER 9 mm			CALIBER 9 mm	CALIBER 10 mm	CALIBER 45

Total Metal Jacket (TMJ) bullets are FMJ bullets of special design in which the lead is not exposed. The enclosed base eliminates lead vaporization during firing. These bullets are suitable for indoor shooting.



When ordering, check the table with ammunition articles to see where desired bullet is assembled.



PA BLANK

PA BLANK



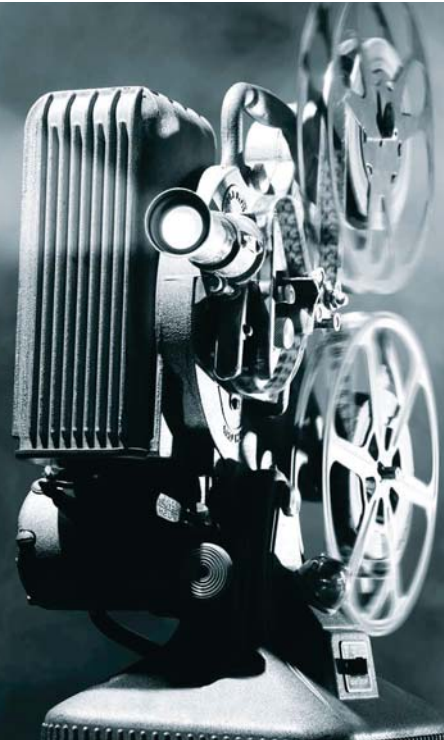
9 mm PA Blank cartridge is intended for use in starting pistols. Cartridge is suitable for various applications, primarily for starting signals at sports events and for personal defense.

BLANK AMMUNITION

Our, in the world unique, offerings of blank ammunition has grown from our long term experience in the production of blank ammunition for military purposes. Our wide range of high quality blank cases is the result of our aim to satisfy our buyers' numerous requests. Once made of steel with chambers for Berdan primers, PPU now manufactures brass cases for blank ammunition with chambers for standard Boxer type primers. In addition to cases, PPU also produces and delivers to our buyers blank ammunition used in the film industry, for salute fire and for practice.



BLANK AMMUNITION



BLANK AMMUNITION



A-491 A-121 A-493 A-560 A-373 A-492



A-374 A-375 A-494 A-301 A-380 A-552



Ctg. Art.	Caliber
A-491	5,56x45 Blank
A-121	5,56x45 Blank Long
A-493	7,62x51 Blank
A-560	7,62x63 Blank
A-373	7,62x63 Blank Long
A-492	7,62x39 mm Blank
A-476	7,62x39 mm Blank Long
A-374	7,62x54 R Blank
A-375	303 British Blank
A-494	7,9x57 Blank
A-301	9 mm PA Blank
A-380	9x19 Blank
A-838	38 Short Colt Blank
A-552	45 Auto Blank

NEW

RIFLE CASES

Art.	Caliber
C-011	5,45 x 39
C-193	22Hornet
C-032	222 Remington
C-132	223 Remington
C-211	22-250 Remington
C-134	243 Winchester
C-131	6 mm Remington
C-046	25-06 Remington
C-483	6,5 mm Grendel
C-385	6,5 x 51 R Arisaka (Japanese) ⁽¹⁾
C-569	6,5 x 51 R Arisaka (Japanese) ⁽²⁾
C-118	6,5 x 52 Carcano ⁽³⁾
C-352	6,5 x 52 Carcano ⁽³⁾
C-571	6,5 x 54 Mannlicher Schoenauer
C-083	6,5 x 55 Swedish
C-117	6,5 x 57 Mauser
C-114	264 Winchester Magnum
C-603	6,8 mm Remington SPC NEW
C-027	270 Winchester
C-400	7 mm – 08 Remington
C-051	7x57 ⁽⁴⁾
C-478	7 mm Mauser ⁽⁵⁾
C-098	7 x 57 R
C-064	7x64
C-122	7 x 65 R
C-115	7 mm Remington Magnum
C-024	30 Carbine
C-636	300 ACC Blackout NEW
C-570	7,35 x 51 Carcano
C-020	308 Winchester
C-028	30-30 Winchester
C-346	7,5 x 54 French
C-345	7,5 x 55 Swiss
C-062	30-06 Springfield
C-116	300 Winchester Magnum
C-030	7,62 x 39

Art.	Caliber
C-031	7,62 x 54 R
C-129	7,65 x 53 Argentine
C-125	303 British
C-536	303 Savage
C-383	7,7 x 58 Japanese
C-424	7,92 x 33 Kurz
C-417	8 x 50 R Lebel
C-384	8 x 56 RS Mannlicher
C-128	8 x 57 Is ⁽⁴⁾
C-475	8 x 57 IRS
C-474	8 x 60 S
C-022	8 mm Mauser ⁽⁵⁾
C-330	9,3 x 62
C-461	9,3 x 74 R
C-421	338 Lapua Magnum
C-608	338 Lapua Magnum ⁽⁶⁾
C-265	375 H&H Magnum
C-448	45-70 Government
C-337	12,7 x 57
C-258	50 Browning
C-254	12,7 mm DShK (Berdan)

- ⁽¹⁾ 6,60 mm (.260") bullets
- ⁽²⁾ 6,70 mm (.264") bullets
- ⁽³⁾ 6,80 mm (.268") bullets
- ⁽⁴⁾ C.I.P.
- ⁽⁵⁾ SAAMI
- ⁽⁶⁾ Primer Ø 6,5 mm



Handgun Cases

Art.	Caliber
C-414	22 Rem Jet Mag
C-160	25 Auto
C-150	32 Auto
C-081	32 S&W Long
C-413	7,63 mm Mauser
C-147	7,62 mm Tokarev
C-470	7,62 mm Nagant
C-549	7,65 mm Parabellum
C-144	380 Auto
C-215	9 mm Makarov
C-033	9 mm Luger
C-164	9 mm Browning Long
C-198	9 x 21
C-446	357 SIG
C-354	38 Super Auto (+P)
C-089	38 Smith & Wesson
C-050	38 Special
C-049	38 Special WC
C-332	38 Special + P
C-111	357 Magnum
C-196	40 Smith & Wesson
C-195	10 mm Auto
C-154	44 Remington Magnum
C-186	45 HP
C-079	45 Auto

Blank Brass Cases

Ctg. Art.	Caliber	Case Length mm
C-120	5,56x45 Blank	48,45
C-394	5,56x45 Blank Long	56,00
C-477	30 Carbine Blank	42,16
C-451	7,5x55 Swiss Blank	68,70
C-456	7,62x63 Blank	63,35
C-373	7,62x63 Blank Long	73,00
C-393	7,62x39 Blank	49,00
C-374	7,62x54 Blank	72,77
C-375	303 British Blank	72,77
C-391	7,9x57 Blank	71,00
C-301	9 PA Blank	22,06
C-380	9x19 Blank	30,70
C-552	45 Auto Blank	33,00 NEW

PRACTICAL SHOOTING

PISTOL AMMUNITION FOR PRACTICAL SHOOTING

Practical shooting is very attractive and dynamic sports discipline, with the increasing number of sportsman and fans all around the world. Helping development of this sports discipline, PPU is sponsor of IPSC Association of Serbia. For the needs of competitors we have developed ammunition 9mm Luger, 40 S&W and 38 Super Auto. Using PPU ammunition, IPSC team of Serbia achieves important results on the competitions worldwide.



Ctg. Art.	Bullet Art.	Bullet Type	Bullet Weight [g]	Bullet Weight [gr]	Barrel Length [mm]	Velocity (m/s)					Energy (J)					Trajectory (cm)					Rds. Box/case	Gross weight			
						0	10	20	30	40	50	0	10	20	30	40	50	0	10	20			30	40	50
9 mm Luger for Practical shooting																									
A-577	B-577	FMJ	9,5	147	102	270	267	264	262	259	257	347	340	333	327	320	314	-1.0	+0.4	+0.5	-0.9	-3.6	-7.9	50/2000	29,20
9 x 21 for Practical shooting																									
A-597	B-597	FMJ	8,0	124	102	320	314	308	302	297	292	411	395	380	367	355	343	-1.0	+0.2	+0.3	-0.6	-2.5	-5.6	50/1500	26,40
40 Smith & Wesson for Practical shooting																									
A-578	B-578	FPJ	12,3	190	102	280	277	275	272	270	267	483	474	465	456	448	4480	-1.0	+0.4	+0.5	-0.8	-3.3	-7.1	50/1500	27,20
45 Auto for Practical shooting																									
A-598	B-598	FMJ	14,9	230	127	230	228	227	225	223	222	326	321	316	312	307	303	-1.0	+0.8	+0.8	-1.2	-5.2	-11.1	50/1000	21,90











PPU SHOOTING











STRELJAČKI KLUB
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COMMERCIAL MARKET









<p>USA TR&Z USA Trading Co. -General importer 2499 Main St. Stratford, CT 06615 Phone: +203 375-8544 Fax: +203 375-8547 e-mail: zivko@trzusa.com www.ppu-usa.com</p>  	<p>Germany Leader Trading GmbH -exclusive distributor Spindecksfeld 122, 40883 Ratingen Phone: +49 2102 60313 Fax: +49 2102 60322 e-mail: info@leader-trading.com www.leader-trading.com</p>  	<p>United Kingdom Henry Krank & Co -exclusive distributor 100-104 Lovton, Pudsey West Yorkshire, LS289AY Phone: +44 113 2569163 Fax: +44 113 2574962 e-mail: sales@henrykrank.com www.henrykrank.com</p>  	<p>Italy Cheddite S.R.L. -Exclusive distributor Via del Giaggiolo 189 57124 Livorno Phone: +39 0586 854295 Fax: +39 0586 854393 e-mail: info@chedditeitaly.it www.chedditeitaly.com</p>  
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<p>France E.S.P. - distributor Zone Artisanale 38200 VILLETTE DE VIENNE Phone: +33 474579966 Fax: +33 474570987 e-mail: contact@espfrance.com www.esfrance.com</p>  	<p>Spain Antonio Izquierdo Moreno Redce 32Y - distributor C/Val Munoz grandes, 6, 131630 Socuellamos, Phone: + 926 531146 Fax: + 926 531146 e-mail: info@a-izquierdo.com www.a-izquierdo.com</p>  	<p>Switzerland Lagardere -exclusive distributor BD des Explotures 21 2300 Lachas-de-Fonds Phone: +41 32 9266066 Fax: +41 32 9266035 e-mail: infos@lagardere.ch www.lagardere.ch</p>  	<p>Netherlands Bold Action BV - exclusive distributor Daltonstraat 54 3316 GD Doodrecht Phone: +31 78 65131100 Fax: +31 78 6177390 e-mail: info@bold-action.com www.bold-action.com</p>  
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<p>Belgium Import: Export FRANK BVBA -distributor Waterijstraat 60 3920 Lommel Tel: +32 11 800950 Fax: +32 11 800959 e-mail: frank@waphandel.be www.waphandel.be</p>  	<p>Norway XXL Grossist Norge AS -distributor Bonttjensvegen 13 Gardermoen Naeringspark 2050 Jessheim Tel: +47 24 08 40 95 Fax: +47 24 08 40 90 e-mail: erik.xl@xxl.no www.xxl.no</p>  	<p>Norway Magne Landro AS - distributor Stillverkseien 1 N-2004 Lillestrom Phone: +47 64 847575 Fax: +47 64 847570 e-mail: rune@landro.no www.landro.no</p>  	<p>Greece ZACHARIAS IPERIFANOS -distributor Kalavriton 78 street 12462 Haidari Athens Tel: +30 210 5139330 Fax: +30 210 5155760 E-mail: info@iperifanos.gr www.iperifanos.gr</p>  
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<p>Bosnia and Herzegovina Jacimovic doo -exclusive distributor Srpska 2 Banja Luka Phone: +387 51 311060 Fax: +387 51 311060 e-mail: jacimcom@teol.net</p>  	<p>Croatia Benthos d.o.o - exclusive distributor Zitnjak bb Zagreb 10000 Phone: +385 1 2407231 Fax: +385 1 2404010 e-mail: benthos@zg.t-com.hr</p>  	<p>Slovenia JBI doo - distributor Dol 11b 1215 Medvode Phone: +386 1 3616052 Fax: +386 1 3611736 e-mail: info@jbi.si</p>  	<p>Montenegro Military Defense Industry - exclusive distributor Miljana Vukova bb 81000 Podgorica Phone: +382 20 242400 Fax: +382 20 242509 e-mail: yumontpg@t-com.me</p>  
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<p>Bulgaria Kalina Express 2000 Ltd -distributor P.O. Box 25 Sofia 1797 Tel/fax: +359 2 9801786 e-mail: kalinaexpress@trading.bg</p>  	<p>Namibia Rosenthal -exclusive distributor Merensky Street, PO Box 97 Windhoek Phone: + 264 61 237210 Fax: +264 61 226156 e-mail: arosenthal@iway.na</p>  	<p>Guatemala Municiones - exclusive distributor 12 Cale 5-13, Zona 9 Guatemala C.A. Phone: +502 2 3315758 Fax: +502 2 3315758 e-mail: abolanos@intelnet.net.gt</p>  	<p>Uruguay CRAMICK S.A. -exclusive distributor Rincon 487, Oficina 406 Montevideo 11000 Phone: +569 7 4972155; +569 9 0788253 e-mail: dsolarichile@yahoo.com</p>  
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India
 Sarhadi Arms Company -distributor
 Shop n o.1139/19 1st Floor
 Govindrupura, ISEAR Housing Board Chowk.
 Manimajra, Chandgarh (U.T.) 160101
 Tel: +91 94172 06315
 e-mail: bhavtej@sifymail.com




Australia
 Outdoor Sporting Agencies Pty Ltd -distributor
 36 Sunline Drive
 Truganina, Victoria 3029
 Tel: +61 03 8353 2626
 Fax: +61 03 8353 2627
 e-mail: jenna@osaaustralia.com.au
 www.osaaustralia.com.au




New Zealand
 Cameron Sports Imports Ltd -exclusive distributor
 6 Canaveral Drive, Albany
 Auckland 0632
 Tel: + 64 9 475-0340
 Fax: + 64 9 479-4125
 e-mail: david@cansport.co.nz
 www.cansport.co.nz




Jordan
 Atwan International -exclusive distributor
 P.O. Box 8993
 Amman 11121
 Tel: +962 6 592 9884
 Fax: +962 6 592 9884
 Mob: +962 777878700
 e-mail: nader@atwan.com
 www.atwan.com




Philippines
 PB Dionisio & Co. Inc. -Distributor
 27 Don A. Rocas Avenue
 1103 Quezon City
 Tel: +632 411 7444
 e-mail: sales@pbdionisio.com
 www.pbdionisio.com





www.prvipartizan.com



PPU • prvi partizan •

General Manager • tel: +381 31 563 442 • fax: +381 31 563 472
Marketing Manager • tel: +381 31 563 478 • fax: +381 31 563 436
office@prvipartizan.com • www.prvipartizan.com
Prvi Partizan a.d. • Miloša Obrenovića 2 • 31000 Užice • Serbia