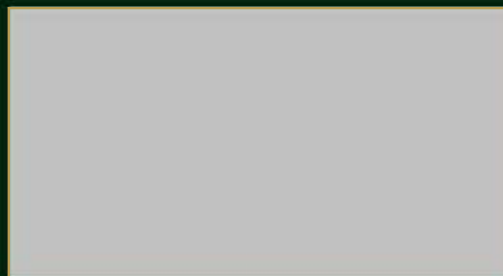




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RUAG Ammotec GmbH

Kronacher Straße 63
90765 Fürth / Germany



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since 1860



*We are back -
and stronger than ever!*





since 1860

Hirtenberger® – Stronger than ever!



The Hirtenberger munitions factory looks back on a proud tradition and many years of production experience as a manufacturer of high quality ammunition. Since 1860 the name Hirtenberger® has stood for ammunition manufactured in accordance to world class standards of quality, performance and reliability. Ongoing research, an attention to detail and quality control systems during the manufacturing process have resulted in numerous successful product developments. These values have made the name Hirtenberger® famous worldwide.

In 2003 Hirtenberger AG transferred the name and marketing rights for small caliber ammunition to RUAG Ammotec GmbH in Germany, a subsidiary of the Swiss firm RUAG Holding.

The customers and business partners of Hirtenberger AG will find they have a reliable partner in RUAG Ammotec, which excellently fulfills the high demands when it comes to quality and precision.

In recent years Hirtenberger® has become a chosen brand in the field. Hirtenberger® hunting ammunition repeatedly provides the highest levels of reliability to the discriminating hunter. The extensive range of ammunition is supported by the noted bullet manufacturers Nosler® and SIERRA®. These popular designs offer outstanding ballistics and performance, creating the optimum impact effects on game. Hirtenberger®, with its attention to detail guarantees the demanding sportsman a high degree of security.



The Perfect Choice

Big game, small game, short range or long - you now have the options to meet your demands. Whether you are an experienced or a novice hunter, Hirtenberger® offers you the highest level of reliable precision ammunition in a variety of calibers and loads to tailor your ammunition to your hunt.

Make the right choice, choose Hirtenberger®.



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Nosler®

Premium-Quality to meet the most demanding requirements





Nosler® - The name says it all.

Known around the world for unsurpassed quality and reliability, Nosler® bullets are offered in three versions to meet the demand. Characterized by a high degree of precision, flat trajectory and reliable expansion, Nosler® bullets are the choice.



Nosler®-Partition®



A highly developed twin chambered bullet which is contained in a Tombac sleeve. Tapering the sleeve towards the tip allows Nosler® to control the expansion and penetration even in lower velocities and longer ranges. Upon penetration of the target the front soft lead core deforms, whereby a reinforced shock effect begins. As a result of the evenly increasing sleeve strength, an optimum expansion of the projectile occurs when penetrating the target's body, in addition to the impact power, which thus causes a fatal and widespread impact shock.





since 1860

Nosler® Precision by Passion

With over 80% retained weight, Nosler® Partition® bullets achieve an extremely high level of penetration performance. Utilizing a massive separating cover between the twin cores to assure minimal disintegration of the rear core as well as proper mushrooming and penetration of the front core, the

Nosler® Partition® bullet has taken its place as a leader in projectile performance.

Combining these features with unparalleled accuracy, Nosler® is your key to a successful hunt.



Nosler® Partition®

- Highly developed cartridge with two lead cores
- Extraordinary precision due to long projectile guidance
- Controlled expansion as a result of increasing sleeve strength
- Separator ensures a high weight retention
- High impact performance, ensured exit wound
- Suitable for all hunting purposes



Nosler® Ballistic Tip®

- Extraordinary long range precision with flat trajectory
- Optimal energy transfer and rapid expansion
- Low degree of loss of coliniary yield



Nosler® Solid Base®

- High precision through flat trajectory and high velocity
- Low fragmentation
- Suitable for varmint as well as deer hunting



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SIERRA[®]

Traditional Design

Equally at home on the range or in the field, SIERRA[®] bullets blend aerodynamics, ballistics and traditional bullet design to present the shooter with the perfect choice for all shooting disciplines.

Stability, accuracy and controlled expansion, more great choices from Hirtenberger[®].

SIERRA[®] GameKing[®]

- High precision as a result of fine-tuned flight stabilization and high velocity
- Optimal target energy release
- Suitable for longer distances
- Ideal projectile for hunting smaller and medium-sized game



SIERRA[®] Varminter[®]

- Particularly appropriate for small targets
- High velocity with flat trajectory
- Rapid and strong expansion



SIERRA[®] Pro-Hunter[®]



- Due to the aerodynamic shape this bullet achieves high velocities and a high degree of precision
- Controlled expansion at high residual weight
- High degree of mushrooming and energy release in the target





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Ballistic data for HP centerfire rifle cartridges

Projectile / Weight		Velocity (m/s)						Energy (Joule)						Trajectory (cm)							
g	grs	V0	V100	V150	V200	V250	V300	E0	E100	E150	E200	E250	E300	GEE	50m	100m	150m	200m	250m	300m	
.222 Rem.																					
																					
Sierra Varminter	3,2	50	985	789	710	635	564	496	1572	1008	817	653	515	399	191	-0,3	3,7	3,4	-1,2	-12	-29
Nosler Solid Base	3,6	55	935	809	750	694	640	588	1574	1178	1013	867	737	622	180	1	4	3	-2,5	-13	-30
Nosler Ballistic Tip	3,6	55	935	813	758	707	659	615	1574	1190	1034	900	782	681	182	1	4	3	-2,5	-12,5	-28
.223 Rem.																					
																					
Nosler Solid Base	3,6	55	1000	860	795	734	675	618	1800	1331	1138	970	820	687	195	1	4	3,5	-0,5	-9,5	-24
Sierra Varminter	3,6	55	955	795	725	660	600	545	1642	1138	946	784	648	535	190	1	4	3,5	-1	-10,5	-26
Nosler Ballistic Tip	3,6	55	1000	869	809	754	703	655	1800	1359	1178	1023	890	772	195	1	4	305	-0,5	-9,5	-23
5,6 x 50 R Mag.																					
																					
Nosler Solid Base	3,6	55	1000	860	795	734	675	618	1800	1331	1138	970	820	687	185	1	4	3,5	-0,5	-9,5	-24
Sierra Varminter	3,6	55	1005	840	765	698	635	578	1818	1270	1053	877	726	601	205	1	4	4	0,5	-8,5	-24
Nosler Ballistic Tip	3,6	55	1000	869	809	754	703	655	1800	1359	1178	1023	890	772	195	1	4	3,5	-0,5	-9,5	-23
.243 Win.																					
																					
Nosler Ballistic Tip	6,2	95	950	854	810	768	728	690	2798	2261	2034	1828	1643	1476	190	1	4	3,5	-1,5	-10	-23
Nosler Partition	6,2	95	940	845	800	756	714	674	2739	2213	1984	1772	1580	1408	190	1	4	3,5	-1,5	-10	-23
Nosler Partition	6,5	100	920	820	773	727	683	640	2751	2185	1942	1718	1516	1331	185	1	4	3	-2	-12	-27
<small>AVAILABLE AGAIN</small> Sierra Pro-Hunter	6,5	100	880	832	745	704	666	630	2517	2014	1802	1612	1442	1290	171	1	4	2,5	-3,5	-14	-30,5
6,5 x 57																					
																					
Nosler Partition	6,8	105	940	820	764	710	658	609	3004	2286	1985	1714	1472	1261	185	1	4	3	-2	-12,5	-28
<small>AVAILABLE AGAIN</small> Sierra Pro-Hunter	7,8	120	880	803	767	733	700	668	3020	2514	2294	2093	1909	1742	179	1	4	2,5	-3	-12,5	-27,5
Nosler Partition	8,1	125	865	795	761	729	697	665	3030	2560	2345	2152	1968	1791	180	1	4	2,5	-3	-13	-29
Nosler Partition	9,1	140	810	740	706	674	642	610	2985	2492	2268	2067	1875	1693	165	1,5	4	1,5	-5	-17,5	-36,5
6,5 x 57 R																					
																					
Nosler Partition	6,8	105	875	757	702	650	601	555	2608	1948	1676	1437	1228	1047	170	1	4	2	-4,8	-17,5	-37
Nosler Partition	8,1	125	810	740	706	674	642	610	2657	2218	2019	1840	1669	1507	165	1,5	4	1,5	-5	-17,5	-36,5
.270 Win.																					
																					
Sierra Pro-Hunter	8,4	130	890	812	776	742	709	677	3327	2772	2531	2310	2109	1925	181	1	3,5	2,5	-2,5	-12	-26,5

Ballistic data for HP centerfire rifle cartridges

Projectile / Weight		Velocity (m/s)						Energy (Joule)						Trajectory (cm)						
Geschossbezeichnung	g grs	V0	V100	V150	V200	V250	V300	E0	E100	E150	E200	E250	E300	GEE	50m	100m	150m	200m	250m	300m
																				
7 x 64																				
Nosler Partition	9,1 140	890	812	775	739	704	669	3604	3000	2733	2485	2255	2036	185	1	4	3	-2	-11,5	-26,5
Sierra GameKing	9,1 140	890	802	762	724	685	652	3604	2927	2642	2385	2135	1934	190	1	4	3,5	-1	-9,5	-23
Nosler Partition	11,3 175	810	746	715	685	655	626	3707	3144	2888	2651	2424	2214	170	1,5	4	1,5	-5	-17,5	-36
																				
7 x 65 R																				
Nosler Partition	9,1 140	880	802	765	729	694	659	3524	2927	2663	2418	2191	1976	180	1	4	2,5	-2,5	-12,5	-28
Nosler Partition	11,3 175	785	721	690	660	630	601	3482	2937	2690	2461	2242	2041	160	1,5	4	1,5	-6,5	-20	-40
																				
7mm Rem. Mag.																				
Nosler Partition	9,1 140	980	912	880	848	817	787	4370	3784	3524	3272	3037	2818	210	1	3,5	4	0,5	-5,5	-15,5
Sierra GameKing	9,1 140	985	896	855	815	777	741	4415	3653	3323	3022	2749	2501	198	0,5	3,5	3,5	0	-7,5	-19
Nosler Partition	11,3 175	870	809	780	751	723	696	4276	3698	3437	3187	2953	2737	198	1	4	3	-2,5	-12	-26
																				
.308 Win.																				
Nosler Partition	9,7 150	890	800	757	716	676	637	3842	3104	2779	2486	2216	1968	180	1	4	2,5	-3	-13	-29
Sierra GameKing	10,7 165	780	708	674	642	611	582	3255	2678	2429	2203	1998	1812	159	1,5	4	1	-7	-21	-42
																				
.30-06 Spring.																				
Nosler Partition	9,7 150	895	820	784	749	715	682	3885	3261	2981	2721	2479	2256	185	1	4	3	-2	-11,5	-25,5
Sierra GameKing	10,7 165	785	712	678	646	615	586	3297	2713	2461	2233	2025	1837	160	1,5	4	1	-7	-20,5	-41
Nosler Partition	11,6 180	810	745	714	683	653	624	3805	3219	2957	2706	2473	2258	170	1	4	2	-5	-17,5	-35
																				
.300 Win. Mag.																				
Sierra GameKing	10,7 165	895	817	783	750	720	695	4285	3571	3280	3009	2773	2584	185	1	4	3	-1,5	-10,5	-23,5
Nosler Partition	11,6 180	910	845	814	783	753	724	4803	4141	3843	3556	3289	3040	190	1	4	3,5	-1	9,5	-22
																				
8 x 57 IS																				
Sierra Pro-Hunter	11,3 175	780	718	688	660	633	607	3437	2908	2675	2461	2263	2082	161	1,5	4	1	-6,5	-20	-39,5