
SWISS P
Exceptional.
Every Time.
SWISS PREMIUM AMMUNITION FOR THE BEST.
In all situations. Without compromises.

EXCEPTIONAL. EVERY TIME.

Professionals in armed forces, law enforcement and sport rely on our premium small-calibre ammunition.

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PREMIUM AMMUNITION FOR PROFESSIONALS. SWISS MADE.

SWISS P stands for excellence – our products are exceptional in quality, precision and performance. Our mission: We equip professionals with the best ammunition.

Leading ammunition technology

Police units, armed forces, special units and marksmen worldwide need ammunition they can trust without compromises. That's why SWISS P goes beyond standard ammunition: Our premium products combine cutting-edge technology, highest precision and proven reliability.

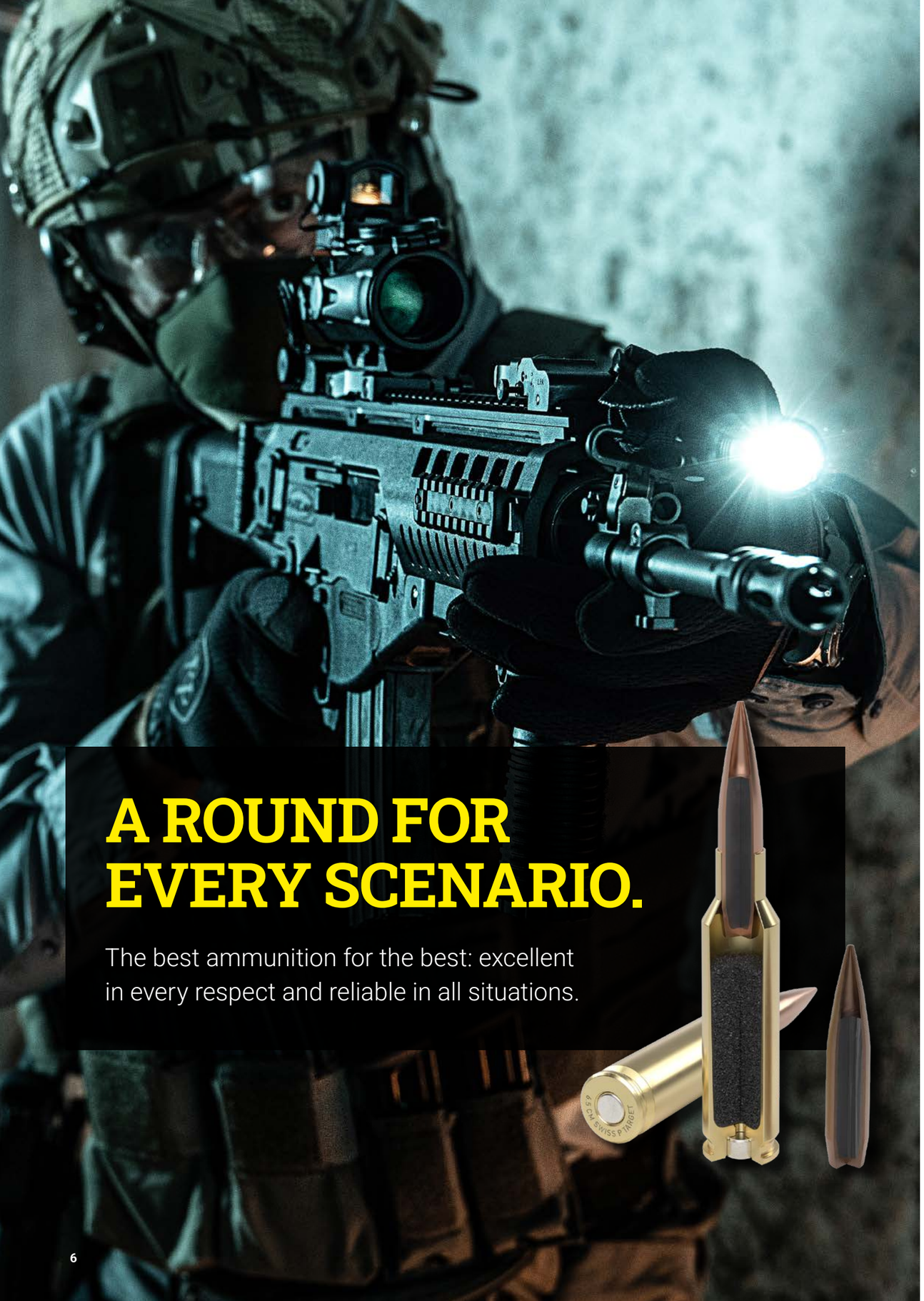
Demanding standards for highest precision
Our sophisticated surface hardness testing procedure ensures that every component meets the demanding standards. Strict controls ensure that every part is optimally designed for highest precision.

Uncompromising reliable. Every time.
At SWISS P, highest quality is more than just a promise. It is part of every product – from development and production to service. So that professionals around the world can rely on our small-calibre ammunition – in all situations.









DUTY

Reliable in all situations.

Premium ammunition for armed forces and law enforcement.

For professional use
Every mission is unique. That is why we not only offer standardized products, but also the right cartridge for every situation and every application. In addition, we are able to respond quickly and flexibly to individual customer requirements. This approach ensures that our operational and training ammunition is perfectly tailored to the specific requirements and preferences of our customers.

Reliable performance
Our cartridges are ballistically matched to each other and guarantee the same conditions for use and training. In this way, we ensure that the forces are optimally prepared for their missions through realistic training. Through continuous innovation and a deep understanding of the requirements in the field, we set new standards in terms of firepower and reliability.

Tried and tested since 1863
Since 1863, armed forces around the world have placed their trust in our ammunition. With its proven reliability, it is a decisive factor for mission success. Our customers also benefit from our unique knowledge and many years of experience, which makes us a strong and loyal partner.

SNIPER

Uncompromising precision and targeting effect.

Premium ammunition for snipers.

Highest precision
SWISS P sniper ammunition guarantees exceptional precision at extreme distances thanks to state-of-the-art technology and production. Our products are tested under a wide range of conditions at distances of up to 2000 meters. In this way, we ensure that no compromises are made even at critical moments.

Absolute performance
Developed for the best effect on target, our sniper ammunition offers superior performance under all operating conditions. It is the result of advanced research into bullet behavior in the microsecond range. Individual solutions for every deployment scenario maximize the effectiveness and safety of our customers and thus contribute to mission success.

Premium quality
Striving for the highest quality is firmly anchored in our corporate DNA and is reflected in our products. We are able to maintain the tightest tolerances in our production to ensure maximum lot-to-lot accuracy. In addition, we offer the ideal bullet for every scenario. The cartridges have an identical point of impact so that the shooter can react immediately to changing situations.

Sales brands

Some calibres and bullet types in our portfolio are manufactured in Germany, Hungary and Sweden. These high-quality products reflect the excellence of SWISS P and are distributed under three trusted brands: RWS, MFS and Norma.

RWS Ignition Technology since 1886 — **RWS (Germany)**

SINCE MFS 1952 — **MFS (Hungary)**

norma — **Norma (Sweden)**

LFP & CFP – Reliable primer technology for demanding applications

Reliability is one of the key requirements for any primer. SwissP Defence builds on decades of experience in primer technology to provide dependable ignition, long-term stability and consistent performance under demanding conditions.

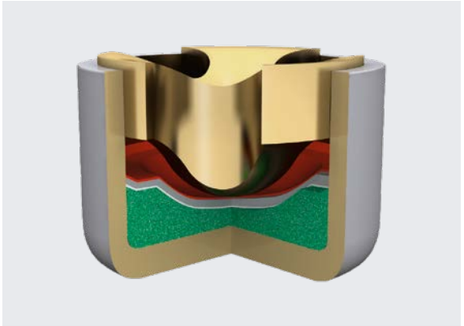
Our primer portfolio includes two technologies tailored to different requirements:

LFP – Lead-Free Primer
Designed without toxic heavy metals, LFP technology helps reduce exposure to pollutants for shooters and shooting-range personnel while maintaining reliable ignition and functional stability.

CFP – Corrosion-Free Primer
CFP technology provides reliable and consistent ignition while protecting the weapon from corrosive primer residues.

Key benefits:

- Reliable ignition under demanding conditions
- Consistent performance across a wide temperature range
- Long-term functional and storage stability
- High ignition sensitivity
- Corrosion-free primer technology
- LFP without toxic heavy metals
- Reduced exposure to pollutants for shooters and range personnel
- Proven suitability for professional and military applications



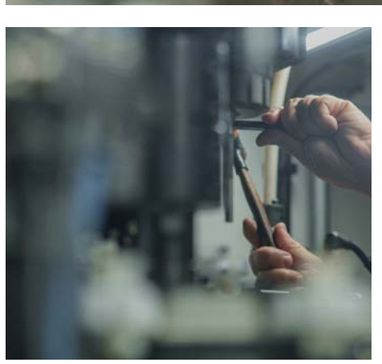
NATO specifications are clearly surpassed

For NATO it is decisive to ensure that the member states can exchange ammunition which guarantees a minimum of reliability and constancy. While high demands are imposed on the ammunition, SwissP Defence always endeavours to clearly surpass the specified quality. To achieve this, the company relies on most modern production equipment and solid know-how accumulated over many years. Thanks to the high vertical integration and a very advanced Quality Management System these products set benchmarks when it comes to:

- Ballistic performances at severely fluctuating temperatures
- Stability in storage under extreme environmental conditions
- Precision and constant point of impact from lot to lot
- Penetration capacity
- Barrel strain
- Effect in soft targets in conformity with the laws of war

BEYOND STANDARDS. BUILT FOR EXCELLENCE.

At SWISS P, we don’t just meet NATO standards – we exceed them. With cutting-edge technology and decades of expertise, we set new benchmarks in reliability, precision and durability.









SWISS P HIGHLIGHTS

A drone killer, a next generation assault rifle ammunition and a high performance round.

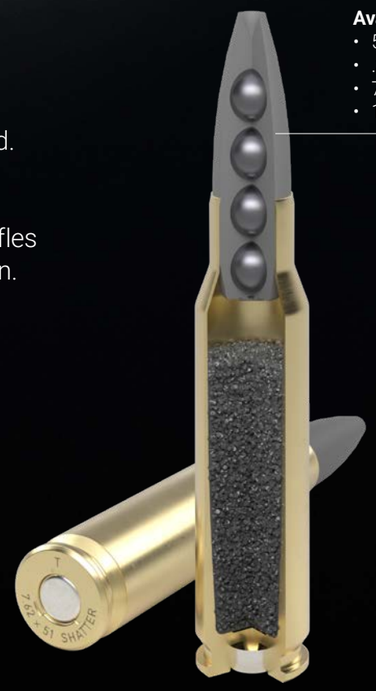


A drone killer for every soldier

Low-cost small drones dominate the modern battlefield. The counter-measures available are often ineffective, outdated or too expensive. That is why SWISS P has developed an extremely effective solution for assault rifles and machine guns: SHATTER4K anti-drone ammunition.

Features
- Compatible with standard service rifles and machine guns without any modification to the weapons system
- Standard-size cartridge with four effectors
- Optimized fragmentation against aerial targets

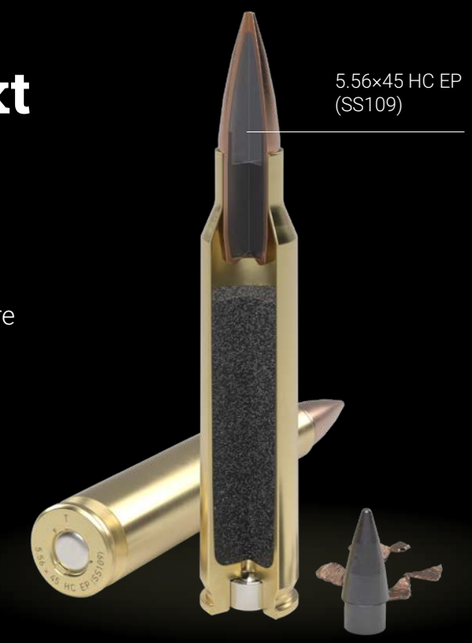
Benefits
- No weapon change required
- Significantly increased hit probability per shot
- Effective against drones NATO UAS Class I (micro and mini)
- Bullet designed to reduce barrel wear



Available in
- 5.56×45
- .300 BLK
- 7.62×51
- 12.7×99

No compromises in the field: Our next generation assault rifle ammunition.

- New bullet design– Next generation steel core
- Reliable penetration power
- Proven precision



Proven precision. Operational relevance. 6.5 Grendel ammunition.

- Developed In cooperation with GIGN
- High accuracy
- Short-barrel optimized
- Mission-specific projectiles



DUTY

Duty product overview (Page 14–26)

For the needs of armed forces and law enforcement

FMJ		Training cartridge, specially suitable for outdoor shooting ranges
FMJ SX		FMJ cartridge for training and service especially suitable for indoor shooting ranges
NATO FMJ		FMJ cartridge according to NATO requirements
Frangible SX		Non-toxic cartridge for tactical training with reduced risk of ricochets
HP SX		Deformation cartridge with good terminal performance on soft targets
Styx Action		High-performance round for excellent stopping power due to immediate energy transfer
HC (SS109)		Steel core infantry round with a superior penetration power
AP TC		High-performance tungsten carbide core infantry round for maximum penetration
Tracer		Tracer with delayed ignition
SHATTER4K		Multi-projectile cartridge with controlled spread for increased hit probability against drones
Blank		Brass blank cartridge for safe simulation

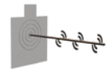
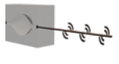
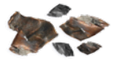
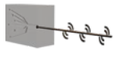
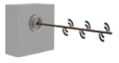
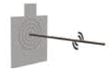


Warning – Fire or projection hazard. The information on the product label must always be followed.

SNIPER

Sniper product overview (Page 26–31)

A round for any situation

Ball				the classic FMJ, designed for military use
Target				for match, training or operations
Styx Action				deformation bullet for stopping power on soft targets
Final SR				fragmentation bullet for transfer of maximum Energy
Armour Piercing				for hard targets
Armour Piercing Incendiary				hit, mark and penetrate
Tactical				for targets behind glass/ intermittent barriers
Subsonic				for suppressed shooting
Subsonic Final				to avoid over-penetration

Swiss quality. Appreciated worldwide.

Manufactured in Switzerland, under strict quality controls and with the highest precision.Every calibre, every cartridge is developed and manufactured to meet the highest standards of performance and reliability. SWISS P combines advanced technology with Swiss craftsmanship – ammunition that professionals around the world rely on.

Pistol and Submachine Gun Ammunition



9×19 Deformation Ammunition

Conventional full metal jacket bullets cannot optimally meet the requirements of today's service ammunition for Law Enforcement. Low energy transfer in the target medium means that they over-penetrate soft targets much too easily and thus endanger close bystanders. The increasing magnitude of violence in urban areas calls for ammunition which is able to stop offenders with effectiveness to ward off the danger and minimize the risk of unwanted consequences.

		Weight	Description	Bullet type	Average velocity	Term of reference	Brand	Primer	Lead free
ACTION 4 SXF		6.1 g / 94 gr	Deformation cartridge with good performance on soft and hard targets, as well as glass and tyres	SHP	420 m/s *	TR			
ACTION 5 SXF		6.1 g / 94 gr	Deformation cartridge with high terminal performance on soft targets	SHP	420 m/s *	TR			
ACTION 6 SXF		6.1 g / 94 gr	Deformation cartridge tested according CIP standard for soft and hard targets as well as glass and tyres	SHP	420 m/s **	C.I.P.			
ACTION SE SXF		7.0 g / 108 gr	Deformation cartridge with good performance on soft and hard targets	SHP	420 m/s *	TR			
HP SX		8.0 g / 124 gr	Deformation cartridge with good terminal performance on soft targets	JHP	360 m/s **	C.I.P.			

* 100 mm barrel / ** 150 mm barrel

Brands

SWISS P DUTY | MFS | RWS

Warning – Fire or projection hazard. The information on the product label must always be followed.

9×19 Training and Service

The full metal jacketed bullets of SWISS P work reliably in all common pistol types and comply with the specifications of C.I.P. or NATO. They are perfectly suitable for both training and service.

		Weight	Description	Bullet type	Average velocity	Term of reference	Brand	Primer	Lead free
FMJ		8.0 g / 124 gr	Training cartridge, specially suitable for outdoor shooting ranges	FMJ	365 m/s **	C.I.P.		CFP	
FMJ SX		8.0 g / 124 gr	FMJ cartridge for training and service, especially suitable for indoor shooting ranges	TFMJ	365 m/s **	C.I.P.			
FMJ ST SX		8.0 g / 124 gr	FMJ cartridge for training and service, especially suitable for indoor shooting ranges	TFMJ	365 m/s **	C.I.P.			
FMJ		7.5 g / 115 gr	FMJ cartridge for training and service, especially suitable for indoor shooting ranges	FMJ	380 m/s **	C.I.P.		CFP	
ACTION Training SX		6.1 g / 94 gr	Completely lead free Cartridge with cooper bullet for the use in indoor shooting ranges	TR	405 m/s *	TR			
NATO FMJ		8.0 g / 124 gr	FMJ cartridge according to NATO r equirements	FMJ	380 m/s ***	M-CMOPI		CFP	
NATO FMJ SX		8.0 g / 124 gr	Pollution-reduced FMJ cartridge according to NATO requirements	TFMJ	380 m/s ***	M-CMOPI			
FMJ Tombac		8.0 g / 124 gr	FMJ cartridge for training and service, especially suitable for outdoor shooting ranges	FMJ	365 m/s**	C.I.P.			
FMJ Tombac SX		8.0 g / 124 gr	FMJ cartridge for training and service, especially suitable for indoor shooting ranges	FMJ	365 m/s**	C.I.P		CFP	
MHP LF SX		7.0 g / 108 gr	Lead free Cartridge with cooper bullet and outstanding stopping power	Solid	395 m/s**	C.I.P			

* 100 mm barrel / ** 150 mm barrel / *** 200 mm barrel

9×19 Special Application

Apart from deformation-type and full metal jacketed bullets, various cartridges are available for special application purposes, e.g. with increased penetration capacity, with visible trajectory or subsonic ammunition.

		Weight	Description	Bullet type	Average velocity	Term of reference	Brand	Primer	Lead free
Subsonic FMJFP		10.0 g / 154 gr	Subsonic cartridge with FMJ bullet	FMJFP	290 m/s ***	M-CMOPI			
Subsonic HP SX		9.5 g / 147 gr	Subsonic cartridge with HP bullet	JHP	310 m/s **	C.I.P.			
Frangible SX		6.4 g / 98 gr	Non-toxic cartridge for tactical training with reduced risk of ricochets	Frangible	380 m/s ***	M-CMOPI			

* 100 mm barrel / ** 150 mm barrel / *** 200 mm barrel

Additional Short-Range Ammunition



12-Gauge

		Weight	Description	Bullet type	Brand	Primer
12/70 Magnum ENTRY I		32.5 g / 502 gr	The ENTRY I is a special round designed to destroy door locks and hinges at close range. There are no ricochets or backsplashes	PZP		SINOXID
12/70 Magnum ENTRY II		27.0 g / 417 gr	The ENTRY II is qualified for destroy targets up to 30 m with the same performance like the ENTRY I	PZPS		SINOXID
12/70 AD-LER		34.0 g / 525 gr	AD-LER is the ultimate solution for drone defense, where precision and range are essential.	–		

Brands

SWISS P DUTY MFS RWS

Warning – Fire or projection hazard. The information on the product label must always be followed.

Personal Defence Weapon Ammunition



4.6×30

The calibre 4.6 × 30 has been tailored to meet unique requirements of Police and Military Special Forces, combat-support soldiers and close personal protection. The system is light and compact enough to be carried on the body permanently, but also sufficiently accurate and powerful to enable effective action against unprotected and protected targets at an extended distance.

		Weight	Description	Bullet type	Average velocity	Term of reference	Brand	Primer	Lead free
FMJ SX		2.6 g / 40 gr	Duty ammunition for Army and Law Enforcement with good energy transfer in soft targets and an exceptionally good precision up to 200 m	FMJ	620 m/s *	C.I.P.		SINTOX	
ACTION SX		2.0 g / 31 gr	The deformation bullet offers fast energy deposit in soft targets and a good penetration capability in hard and combined targets	SHP	690 m/s *	C.I.P.		SINTOX	LEAD FREE
AP SX		2.0 g / 31 gr	This lead free cartridge offers an exceptional penetration capability. The bullet penetrates the NATO CRISAT target from distances up to 200 m	Solid	680 m/s *	M-CMOPI		SINTOX	LEAD FREE
Subsonic SX		5.0 g / 77 gr	The bullet is made from Tungsten-Carbide and polymer, is completely lead-free, and has no jacket	Solid	290 m/s *	C.I.P.		SINTOX	LEAD FREE
Training SX		1.7 g / 26 gr	The Training SX with lead free semi-jacketed tin bullet is "non-destructive" to steel targets. It can even be used as service ammunition in sensitive areas	JSC	660 m/s *	C.I.P.		SINTOX	LEAD FREE
Frangible SJ SX		1.7 g / 26 gr	The Frangible SX is particularly suitable for tactical CQB/MOUT training, as the teams can train safely and effectively with maximum realism	SJ Frangible	700 m/s *	C.I.P.		SINTOX	LEAD FREE

* 180 mm barrel

Ammunition for Armed Forces



5.56×45

This ammunition for assault rifles and light machine guns provides an above-average hit accuracy and reliability. Its performance in action has been confirmed by numerous Armed Forces. SwissP Defence's long experience in the production of top-quality Swiss ordnance ammunition plays a fundamental role in the development of all products.

		Weight	Description	Bullet type	BC G1	Average velocity	Term of reference	Brand	Primer
FMJ (M193)		3.6 g / 55 gr	Proven and widely used infantry round	FMJ	0.347	983 m/s *	M-CMOPI	■	CFP
FMJ (M193) SX		3.6 g / 55 gr	Proven and widely used infantry round	TFMJ	0.347	983 m/s *	M-CMOPI	■	
FMJ HA		4.1 g / 63 gr	High-quality infantry round with a steel jacket and rear cover	TFMJ	0.345	900 m/s *	M-CMOPI	■	CFP
Styx Action		4.5 g / 69 gr	High-performance round for excellent stopping power due to instantaneous energy deposition on soft targets	HPBT	0.314	870 m/s *	M-CMOPI	■	CFP
Bonded Styx		3.6 g / 55 gr	Bonded bullet provides maximum weight retention and high stopping power due rapid expansion	BSP	0.171	1000 m/s **	C.I.P.	■	CFP
HC (SS109)		4.0 g / 62 gr	Steel core infantry round with a superior penetration power	HC	0.310	935 m/s *	M-CMOPI	■	CFP
HC EP (SS109)		4.0 g / 62 gr	Steel core round for military application with superior performance and reliable function, stable ballistics, and more penetration power	HC	0.383	935 m/s *	M-CMOPI	■	CFP
AP TC		4.1 g / 63 gr	High-performance tungsten carbide core infantry round for maximum penetrating power	AP	0.342	900 m/s *	M-CMOPI	■	CFP
NATO Tracer		4.1 g / 63 gr	Tracer (red) with delayed ignition	Tracer	0.367	890 m/s *	M-CMOPI	■	CFP
IR Tracer		4.1 g / 63 gr	IR Tracer (purple) with delayed ignition	IR Tracer	–	890 m/s *	M-CMOPI	■	CFP

* 510 mm barrel, ** 600 mm barrel

5.56×45 Lead free

In the development of lead free ammunition the challenge is to substitute the lead without reducing the performance or to even increase it if possible. Also decisive for a good, reliable and powerful ammunition without lead are the harmful substances which are emitted on firing and can form deposits in the barrel and weapon system. One prerequisite, therefore, is that the propellant and the ignition charge are also optimally matched to the bullet.

		Weight	Description	Bullet type	BC G1	Average velocity	Term of reference	Brand	Primer	Lead free
LF Styx Action SX		3.7 g / 57 gr	Lead free round for excellent stopping power due to instantaneous energy deposition on soft targets	SHP	–	920 m/s *	M-CMOPI	■	LEAD FREE PRIMER	LEAD FREE
Frangible SJ SX		4.0 g / 62 gr	The frangible bullet is made from sintered copper, is completely lead-free and fully recycable	SJ Frangible	0.200	795 m/s *	M-CMOPI	■	LEAD FREE PRIMER	LEAD FREE
Frangible SX		2.9 g / 45 gr	The bullet is made from copper and polymer by injection moulding. The shooting distance can be reduced without risking being hit by backsplashes or ricochets.	Frangible	0.097	975 m/s *	M-CMOPI	■	LEAD FREE PRIMER	LEAD FREE

* 510 mm barrel

6.5 Grendel

The 6.5 Grendel FMJ is a premium, military-grade cartridge engineered to meet the rigorous demands of modern special operations forces. While designed for elite units, its superior ballistics also make it an outstanding choice for standard infantry formations. This ammunition guarantees surgical precision and optimized ballistic performance at operational ranges of up to 800 meters. By striking the perfect balance between 5.56 mm and 7.62 mm NATO rounds, it serves as the definitive solution for maximizing the potential of lightweight AR-15 platforms.

		Weight	Description	Bullet type	BC G1	Average velocity	Term of reference	Brand	Primer	Lead free
FMJ		7.8 g / 120 gr	Highly accurate full metal jacket round for military training and duty	FMJ	0.428	720 m/s *	M-CMOPI	■	CFP	
AP		7.8 g / 120 gr	High-performance round for maximum penetration power on hard targets	AP	0.430	720 m/s *	C.I.P.	■	CFP	
Styx Action		7.45 g / 115 gr	High-performance round for excellent stopping power due to instantaneous energy deposition on soft targets	JHP	0.432	720 m/s *	C.I.P.	■	CFP	

* 280 mm barrel

Brands

■ SWISS P DUTY ■ MFS ■ RWS

Warning – Fire or projection hazard. The information on the product label must always be followed.

Ammunition for Armed Forces

7.62×35/.300 BLK

By definition the calibre .300 BLK is particularly well suited for subsonic shooting. The optimized propellant chamber provides a constant pressure development which ensures the highest first-shot hit probability.

		Weight	Description	Bullet type	BC G1	Average velocity	Term of reference	Brand	Primer
HV Ball SX		9.5 g / 146 gr	Highly accurate full metal jacket round for military training and duty	TFMJ	0.427	580 m/s **	C.I.P.	■	LEAD FREE PRIMER
HV Styx Action SX		8.4 g / 130 gr	High-performance round for excellent stopping power due to instantaneous energy deposition on soft targets	JHP	0.241	645 m/s **	C.I.P.	■	LEAD FREE PRIMER
HV LF Styx SX		7.0 g / 108 gr	Lead free round for excellent stopping power due to instantaneous energy deposition on soft targets	SHP	0.247	745 m/s **	C.I.P.	■	LEAD FREE PRIMER
Subsonic SX		14.3 g / 220 gr	Subsonic round with an excellent first-hit probability and very consistent ballistic values	HPBT	0.417	320 m/s *	C.I.P.	■	LEAD FREE PRIMER
HV Frangible SJ SX		7.0 g / 108 gr	The frangible bullet is made from sintered copper, is completely lead-free and fully recycable	SJ Frangible	0.240	645 m/s **	C.I.P.	■	LEAD FREE PRIMER

* 229 mm barrel / ** 600 mm barrel

7.62×39

		Weight	Description	Bullet type	BC G1	Average velocity	Term of reference	Brand	Primer	Lead free
FM BT (M43)		8.0 g / 124 gr	Waterproof infantry round FMJ	FMJ	–	740 m/s	C.I.P.	■	SINOXID	LEAD FREE

Brands

■ SWISS P DUTY ■ MFS ■ RWS

Warning – Fire or projection hazard. The information on the product label must always be followed.

7.62×51

The NATO calibre 7.62 × 51 is used more frequently again and enables effective operative ranges of more than half a kilometre thanks to the excellent precision and penetration capacity of SWISS P ammunition. The product spectrum includes versatile solutions for machine gun shooters and designated marksmen. Most advanced production processes and quality control down to the last detail guarantee reliability under extreme conditions.

		Weight	Description	Bullet type	BC G1	Average velocity	Term of reference	Brand	Primer
FMJ (M80)		9.5 g / 146 gr	High-quality infantry round for use in extreme conditions	FMJ	0.359	838 m/s *	M-CMOPI	■	CFP
Tracer (M62)		9.2 g / 141 gr	Tracer (red) with delayed ignition for better concealment	Tracer	–	795 m/s *	M-CMOPI	■	CFP
IR Tracer		9.2 g / 141 gr	IR Tracer (purple) with delayed ignition for better concealment	IR Tracer	–	795 m/s *	M-CMOPI	■	CFP
HC		10.2 g / 157 gr	Cartridge for enhanced penetration power on armoured targets	HC	–	821 m/s *	M-CMOPI	■	CFP

* 562 mm barrel

12.7×99

The well-proven NATO calibre 12.7 × 99 for heavy machine guns as well as sniper rifles enables operative ranges which clearly exceed those achieved with conventional rifle calibres. SWISS P ammunition is characterized by its outstanding precision and reliability under extreme conditions. Moreover, the entirely lead free cartridges are equipped with low-pollution ignition elements.

		Weight	Description	Bullet type	BC G1	Average velocity	Term of reference	Brand	Primer	Lead free
SR Solid SX		45.2 g / 698 gr	Training round for a significant reduced danger zone	SRS	0.387	880 m/s*	M-CMOPI	■	LEAD FREE PRIMER	LEAD FREE
SR Solid Tracer SX		45.8 g / 707 gr	Training round for a significant reduced danger zone with red trace	SRS Tracer	–	870 m/s *	M-CMOPI	■	SINTOX	LEAD FREE

* 1'143 mm barrel



DUTY

Ammunition for Armed Forces

SHATTER4K

SHATTER4K is an innovative ammunition concept designed to increase hit probability against small and fast-moving targets such as drones. After leaving the barrel, the projectile separates into four individual projectiles, creating a controlled spread and multiplying the potential hit points with every shot. Compatible with standard weapon platforms without modification.

		Weight	Description	Bullet type	BC G1	Average velocity	Term of reference	Brand	Primer
5.56×45		2.9 g / 45 gr	Specialized anti-drone round with fragmenting bullet for maximum effect on light targets and high hit probability	SHATTER	–	960 m/s **	M-CMOPI	■	CFP
7.62×35/ .300 BLK		6.3 g / 97 gr	Specialized anti-drone round with fragmenting bullet for maximum effect on light targets and high hit probability	SHATTER		650 m/s *	C.I.P.	■	CFP
7.62×51		8.4 g / 130 gr	Specialized anti-drone round with fragmenting bullet for maximum effect on light targets and high hit probability.	SHATTER	–	686 m/s **	M-CMOPI	■	CFP
12.7×99		39.8 g / 614 gr	Specialized anti-drone round with fragmenting bullet for maximum effect on light targets and high hit probability	SHATTER		900 m/s **	M-CMOPI	■	CFP

* C.I.P. test barrel, ** NATO test barrel

Brands

■ SWISS P DUTY ■ MFS ■ RWS



Warning – Fire or projection hazard. The information on the product label must always be followed.

Safe Combat Simulation



Blank

In training on the machine gun and assault rifle, numerous Armed Forces have been relying for years on the combat simulation with blank cartridges as an important part of a soldier's basic training. While blank cartridges of plastic convince above all by their low weight, the ones of brass stand up particularly well to strains.

		Description	Brand	Primer	Lead free
4.6 × 30 Blank SX		Brass Blank cartridge for safe simulation		SINTOX	LEAD FREE
5.56 × 45 Blank		Brass Blank cartridge for safe simulation		CFP	
7.62 × 51 Blank SX		Brass Blank cartridge for safe simulation		SINTOX	LEAD FREE
7.62 × 39 Blank		Brass Blank cartridge for safe simulation		SINOXID	
.338 Lapua Mag. Blank		Brass Blank cartridge for safe simulation		CFP	

Brands

SWISS P DUTY MFS RWS

Warning – Fire or projection hazard. The information on the product label must always be followed.



Ammunition for Every Mission

.223 Rem.

Most varied danger situations require very different means. SWISS P offers a wide range of special cartridges which stand out by their excellent precision and highest first-hit probability. The different bullets guarantee an outstanding effect on hard and soft targets. The perfectly coordinated ballistics of the SWISS P cartridges permit the shooter to change between bullet types while maintaining the aiming point.

	Weight	Description	Bullet type	BC G1	Muzzle velocity	Term of reference	Brand	Primer
Ball	3.6 g / 55 gr	Highly accurate full metal jacket round for military training and duty	TFMJ	0.337	1010 m/s *	C.I.P.	■	CFP
Ball	4.1 g / 63 gr	Highly accurate full metal jacket round for military training and duty	FMJ	0.345	930 m/s *	C.I.P.	■	CFP
Ball SX	4.1 g / 63 gr	Highly accurate full metal jacket round for military training and duty	TFMJ	0.345	930 m/s *	C.I.P.	■	
Target	4.5 g / 69 gr	Round for very best accuracy in training and competition	HPBT	0.354	895 m/s *	C.I.P.	■	CFP
Target SX	4.5 g / 69 gr	Round for very best accuracy in training and competition	HPBT	0.354	895 m/s *	C.I.P.	■	
Styx Action	4.5 g / 69 gr	High-performance round for excellent stopping power due to instantaneous energy deposition on soft targets	JHP	0.316	895 m/s * 860 m/s **	C.I.P. M-CMOPI	■	CFP
Styx Action SX	4.5 g / 69 gr	High-performance round for excellent stopping power due to instantaneous energy deposition on soft targets	JHP	0.316	895 m/s * 860 m/s **	C.I.P. M-CMOPI	■	
Bonded Styx Action	3.6 g / 55 gr	Bonded bullet provides maximum weight retention and high stopping power due rapid expansion	BSP	0.171	1 000 m/s *	C.I.P.	■	CFP
Final SR	3.4 g / 52 gr	Highly accurate fragmentation bullet for a minimized risk of over-penetration and enhanced safety for bystanders due to total bullet disintegration	JHP	0.182	1040 m/s *	C.I.P.	■	SINOXID
Armour Piercing	4.1 g / 63 gr	High-performance round for maximum penetration power on hard targets	AP	0.363	875 m/s ***	Swiss Army	■	CFP

* 600 mm barrel / ** 508 mm barrel / *** 500 mm barrel

Brands

■ SWISS P SNIPER ■ MFS ■ RWS

Warning – Fire or projection hazard. The information on the product label must always be followed.

Precision for Tactical Excellence

6.5 Creedmoor

The 6.5 Creedmoor calibre has earned a strong reputation among marksmen and tactical operators for its exceptional accuracy and versatility. Designed for medium to long range engagements, it combines low recoil with high ballistic efficiency, making it an excellent choice for both military and law enforcement applications. SWISS P offers specialised cartridges in 6.5 Creedmoor, each designed for superior performance in demanding scenarios.

	Weight	Description	Bullet type	BC G1	Muzzle velocity	Term of reference	Brand	Primer
Target SX	8.4 g / 130 gr	Round for very best accuracy in training and competition	HPBT	0.622	875 m/s *	C.I.P.	■	CFP
Target	9.3 g / 143 gr	Round for very best accuracy in training and competition	HPBT	–	–	C.I.P.	■	

* 600 mm barrel / ** 508 mm barrel / *** 500 mm barrel



Versatility and Precision

.308 Win.

The calibre .308 Win. is extremely widespread among authority and military forces. In no other calibre has SWISS P such a varied product spectrum for snipers, security shooters and designated marksmen. The right tool exists for each highly special intervention. A particularly positive aspect is the interchangeability of different cartridges without need to adjust the optics, but a constant point of impact. This is referred to as coordinated ballistics enabling an enormous flexibility in action.

		Weight	Description	Bullet type	BC G1	Muzzle velocity	Term of reference	Brand	Primer
Ball		11.4 g / 176 gr	Highly accurate full metal jacket round for military training and duty	FMJ	0.523	790 m/s *	C.I.P.	■	CFP
Target		10.9 g / 168 gr	Round for very best accuracy in training and competition	HPBT	0.489	805 m/s *	C.I.P.	■	CFP
		11.3 g / 175 gr	Target round for an enhanced operation distance	HPBT	0.547	790 m/s *	C.I.P.		
Styx Action		10.8 g / 167 gr	High-performance round for excellent stopping power due to instantaneous energy deposition on soft targets	JHP	0.363	810 m/s *	C.I.P.	■	CFP
Armour Piercing		12.7 g / 196 gr	High-performance round for maximum penetration power on hard targets	AP	0.652	790 m/s *	C.I.P.	■	CFP
Tactical		10.6 g / 163 gr	High-performance round for excellent first-hit probability and terminal effect behind angled glass	SFNBT	0.303	820 m/s *	C.I.P.	■	CFP
Subsonic		13.0 g / 200 gr	Highly accurate round for silent operations in urban terrain	HPBT	0.364	315 m/s **	C.I.P.	■	CFP

* 650 mm barrel / ** 450 mm barrel

Brands

■ SWISS P SNIPER ■ MFS ■ RWS



Warning – Fire or projection hazard. The information on the product label must always be followed.

Maximum Impact at Extreme Distances

.338 Lapua Mag.

The calibre .338 Lapua Mag. is very popular with long-distance shooters and widely used especially in the military sector. The relatively compact and handy weapon system enables effective operative ranges of more than one and a half kilometres under optimal conditions. The bullet remains stable over a long distance in the supersonic range and brings accordingly much energy precisely into the target. To be able to avert particular danger situations SWISS P offers various special bullets which are closely matched to each other. Be it for the penetration of light armour, precision shots through glass panels or a minimized danger for the background, the shooters can choose from well thought-out and extensively proven solutions within the framework of the SWISS P line.

		Weight	Description	Bullet type	BC G1	Muzzle velocity	Term of reference	Brand	Primer
Ball		16.3 g / 251 gr	Highly accurate full metal jacket round for military training and duty	FMJ	0.657	855 m/s *	C.I.P.	■	CFP
Target		16.2 g / 250 gr	Round for very best accuracy in training and competition	HPBT	0.684	865 m/s *	C.I.P.	■	CFP
		19.4 g / 300 gr	Target round optimized for long-range shooting	HPBT	0.831	810 m/s *	C.I.P.		
Styx Action		16.0 g / 247 gr	High-performance round for excellent stopping power due to instantaneous energy deposition on soft targets	JHP	0.433	875 m/s *	C.I.P.	■	CFP
Armour Piercing		16.8 g / 260 gr	High-performance round for maximum penetration power on hard targets	AP	0.677	847 m/s *	C.I.P.	■	CFP
Armour Piercing Incendiary		17.1 g / 263 gr	The tungsten carbide core provides maximum penetration power, while the titanium tip provides incendiary marking	API	0.679	847 m/s *	C.I.P.	■	CFP
Tactical		16.2 g / 250 gr	High-performance round for excellent first-hit probability and terminal effect behind angled glass	SFNBT	0.375	860 m/s *	C.I.P.	■	CFP
Subsonic		16.2 g / 250 gr	Cartridge load very close to the sound barrier, but without risking a supersonic bang	HPBT	0.678	315 m/s *	C.I.P.	■	CFP

* 650 mm barrel

Extended Range with Superior Accuracy

.375 SWISS P

The new .375 SWISS P long-distance ammunition has been especially developed for the requirements of operational precision shooters. The new calibre is suitable for highly demanding situations and markedly increases the operational spectrum of the proven .338 weapons system. .375 SWISS P calibre projectile types can reach distances of up to 1,600 m supersonic, which equates to an increase in operational range of more than 25 percent when compared to the .338 LM (250 gr). This helps you to extend the time window for infiltration and exfiltration, and with it, increase your own protection.

		Weight	Description	Bullet type	BC G1	Muzzle velocity	Term of reference	Brand	Primer
Ball		22.7 g / 350 gr	Highly accurate full metal jacket round for military training and duty	FMJ	0.801	860 m/s *	C.I.P.	■	CFP
AP		22.3 g / 343 gr	High-performance round for maximum penetration power on hard targets	AP	–	–	C.I.P.	■	CFP

* 762 mm barrel

.375 SWISS P – Your tactical advantage

The new .375 SWISS P allows discerning professionals and forwardthinking organisations to build a firm foundation for mission success:

- Cost-efficient upgrade for .338 weapons systems
- Expanded operational spectrum (up to 1,600m supersonic flight)
- Increased projectile weight maximises precision and provides reliable, consistent shooting performance
- Significantly greater target energy and increased penetration power when compared to .338
- The new weapon system: more capable than .338 and lighter than .50

With the new calibre, professionals and appropriate organisations are perfectly equipped for the widest variety of missions. The cost-effective weapons system guarantees absolute functionality and performance reliability – even under extreme conditions. During operations, both mobility and personal protection are increased, along with the window of opportunity for infiltration and exfiltration.

Brands

■ SWISS P SNIPER ■ MFS ■ RWS



Warning – Fire or projection hazard. The information on the product label must always be followed.

Extreme Power with Ultimate Precision

.50 Browning

The well-proven NATO calibre 12.7 × 99 for heavy machine guns as well as sniper rifles enables operative ranges which clearly exceed those achieved with conventional rifle calibres. SWISS P ammunition is characterized by its outstanding precision and reliability under extreme conditions. Moreover, the entirely lead free cartridges are equipped with low-pollution SINTOX® ignition elements.

		Weight	Description	Bullet type	BC G1	Muzzle velocity	Term of reference	Brand	Primer	Lead free
Training SX		41.7 g / 644 gr	Target-friendly soft core round with good precision and suitable for training purposes	JSC	0.698	890 m/s *	M-CMOPI	■	LEAD FREE PRIMER	LEAD FREE
HC SX		47.5 g / 733 gr	Hard-core round with excellent penetrating power and precision	JHC	0.779	880 m/s *	M-CMOPI	■	LEAD FREE PRIMER	LEAD FREE
AP SX		42.6 g / 657 gr	High-performance round for maximum penetration power on hard targets	AP	–	915 m/s *	M-CMOPI	■	LEAD FREE PRIMER	LEAD FREE
API SX		44.0 g / 679 gr	The tungsten carbide core provides maximum penetration power, while the titanium tip provides incendiary marking	API	0.754	915 m/s *	M-CMOPI	■	LEAD FREE PRIMER	LEAD FREE

* 1'143 mm barrel

Product Overview

SWISS P DUTY

Calibre	Name	Bullet			Primer	Term of reference	Average velocity		Energy	Barrel Length	BC G1
		Type	Weight								
			g	gr			m/s	fps	J	mm	
9×19	FMJ	FMJ	8.0	124	CFP	C.I.P.	365	1198	533	150	–
	FMJ SX	TFMJ	8.0	124	LFP	C.I.P.	365	1198	533	150	–
	FMJ ST SX	TFMJ	8.0	124	LFP	C.I.P.	365	1198	533	150	–
	NATO FMJ	FMJ	8.0	124	CFP	M-CMOPI	380	1247	578	200	–
	NATO FMJ SX	TFMJ	8.0	124	LFP	M-CMOPI	380	1247	578	200	–
	FMJ	FMJ	7.5	115	CFP	C.I.P.	380	1247	542	150	–
	FMJ Tombac	FMJ	8.0	124	CFP	C.I.P.	365	1198	533	150	–
	FMJ Tombac SX	TFMJ	8.0	124	LFP	C.I.P.	365	1198	533	150	–
	ACTION 4	SHP	6.1	94	SINTOX Forensis	TR	420	1378	538	100	–
	ACTION 5	SHP	6.1	94	SINTOX Forensis	TR	420	1378	540	100	–
	ACTION 6	SHP	6.1	94	SINTOX Forensis	C.I.P.	420	1378	538	150	–
	ACTION SE	SHP	7.0	108	SINTOX Forensis	TR	420	1378	538	100	–
	ACTION Training	TR	6.1	94	SINTOX	TR	405	1329	–	100	–
	HP SX	JHP	8.0	124	LFP	C.I.P.	360	1181	518	150	–
	Subsonic FMJ-FP	FMJFP	10.0	154	SINOXID	C.I.P.	290	951	421	150	–
	Subsonic HP SX	JHP	9.5	147	LFP	C.I.P.	310	1017	456	150	–
	Frangible SX	Frangible	6.4	98	LFP	M-CMOPI	380	1247	462	200	–
	MHP LF SX	Solid	7.0	108	LFP	C.I.P.	395	1296	546	150	–
12–70 Magnum	Entry 1	PZP	32.5	502	SINOXID	C.I.P.	–	–	–	–	–
	Entry 2	PZPS	27.0	417	SINOXID	C.I.P.	–	–	–	–	–
12–70	AD-LER	copper alloy	34	525	–	–	405	1320	–	–	–
4.6×30	FMJ SX	FMJ	2.6	40	SINTOX	C.I.P.	620	2034	500	180	–
	Action SX	SHP	2.0	31	SINTOX	C.I.P.	690	2264	475	180	–
	AP SX	Solid	2.0	31	SINTOX	M-CMOPI	680	2231	530	180	–
	Training SX	JSC	1.7	26	SINTOX	C.I.P.	660	2165	370	180	–
	Subsonic SX	Solid	5.0	77	SINTOX	C.I.P.	290	951	210	180	–
	Frangible SJ SX	Frangible	1.7	26	SINTOX	C.I.P.	700	2297	365	180	–
	Blank SX	–	–	–	SINTOX	–	–	–	–	–	–
5.56×45	FMJ (M193)	FMJ	3.6	55	LFP	M-CMOPI	983	3225	1739	510	0.347
	FMJ (M193) SX	TFMJ	3.6	55	LFP	M-CMOPI	983	3225	1739	510	0.347
	FMJ (M193) linked	TFMJ	3.6	55	LFP	M-CMOPI	983	3225	1739	510	0.28
	FMJ HA	TFMJ	4.1	63	CFP	M-CMOPI	900	2953	1661	510	0.345
	Styx Action	HPBT	4.5	69	CFP	M-CMOPI	870	2854	1703	510	0.314
	Bonded Styx	BSP	3.6	55	CFP	C.I.P.	1000	3281	1800	600	0.171
	HC (SS109)	HC	4.0	62	CFP	M-CMOPI	935	3068	1748	510	0.31
	HC (SS109) linked	HC	4.0	62	CFP	M-CMOPI	945	3100	1785	510	0.31
	HC EP (SS109)	HC	4.0	62	CFP	M-CMOPI	935	3068	1748	510	0.383
	AP TC	AP	4.1	63	CFP	M-CMOPI	900	2953	1661	510	0.342
	LF Styx Action SX	SHP	3.7	57	LFP	M-CMOPI	920	3018	1566	510	–
	IR Tracer	IR Tracer	4.1	63	CFP	M-CMOPI	890	2920	1624	510	–
	Tracer NATO	Tracer	4.1	63	CFP	M-CMOPI	890	2920	1624	510	–
	Frangible SJ SX	Frangible	4.0	62	LFP	M-CMOPI	795	2608	1264	510	–
	Frangible SX	Frangible	2.9	45	LFP	M-CMOPI	975	3199	1378	510	–
	SHATTER4K	SHATTER4K	2.9	45	CFP	M-CMOPI	960	3150	–	–	–
	Blank	–	–	–	CFP	–	–	–	–	–	–
6.5 Grendel	FMJ	FMJ	7.8	120	CFP	M-CMOPI	720	2362	2022	279	0.428
	AP	AP	7.8	120	CFP	C.I.P.	720	2625	2022	292	0.430
	Styx Action	HPBT	7.45	115	CFP	JHP	720	2625	1931	292	0.432

Calibre	Name	Bullet			Primer	Term of reference	Average velocity		Energy	Barrel Length	BC G1
		Type	Weight								
			g	gr			m/s	fps	J	mm	
7.62×39	FMJ (M43)	FMJ	8.0	124	SINOXID	C.I.P.	740	2428	2190	600	0.365
7.62×51	FMJ (M80) / linked	FMJ	9.5	146	CFP	M-CMOPI	838	2749	3336	562	0.359
	HC	HC	10.2	157	CFP	M-CMOPI	821	2694	3438	562	0.438
	Tracer (M62) / linked	Tracer	9.2	141	CFP	M-CMOPI	795	2608	2907	562	–
	IR Tracer	TFMJ	9.2	141	CFP	M-CMOPI	795	2608	2907	562	–
	SHATTER4K	SHATTER4K	8.4	130	CFP	M-CMOPI	686	2250	–	–	–
7.62×35 / .300 BLK	HV Ball SX	TFMJ	9.5	146	LFP	C.I.P.	580	1903	1598	600	0.427
	HV Styx Action SX	SHP	8.4	130	LFP	C.I.P.	645	2116	1747	600	0.241
	HV LF Styx SX	SHP	7.0	108	LFP	C.I.P.	745	2444	1943	600	0.247
	HV Frang SJ SX	Frangible	7.0	108	LFP	C.I.P.	645	2116	1456	600	0.24
	Subsonic SX	HPBT	14.3	220	LFP	C.I.P.	320	1050	732	229	0.417
	SHATTER4K	SHATTER4K	6.3	97	CFP	M-CMOPI	650	2133	–	–	–
.338 LM	Blank	–	–	–	CFP	–	–	–	–	–	–
12.7×99	SR Solid SX	Solid	45.2	698	LFP	M-CMOPI	880	2887	17501	1143	–
	Solid Tracer SX	Solid	45.8	707	SINTOX	M-CMOPI	870	2854	17333	1143	–
	SHATTER4K	SHATTER4K	39.8	614	CFP	M-CMOPI	900	2953	–	–	–

SWISS P SNIPER

Calibre	Name	Bullet			Primer	Term of reference	Average velocity		Energy	Barrel Length	BC G1
		Type	Weight								
			g	gr			m/s	fps	J	mm	
.223 Rem.	SWISS P Ball	TFMJ	3.6	55	LFP	C.I.P.	1010	3314	1836	600	0.337
	SWISS P Ball	TFMJ	4.1	63	CFP	C.I.P.	930	3051	1773	600	0.345
	SWISS P Ball SX	TFMJ	4.1	63	LFP	C.I.P.	930	3051	1773	600	0.345
	SWISS P Target	HPBT	4.5	69	CFP	C.I.P.	895	2936	1802	600	0.354
	SWISS P Target SX	HPBT	4.5	69	LFP	C.I.P.	895	2936	1802	600	0.354
	SWISS P Styx Action	JHP	4.5	69	CFP	C.I.P.	895	2936	1802	600	0.316
	SWISS P Styx Action SX	JHP	4.5	69	LFP	C.I.P.	895	2936	1802	600	0.316
	SWISS P Bonded Styx	BSP	3.6	55	CFP	C.I.P.	1000	3281	1800	600	0.171
	SWISS P AP	AP	4.1	63	CFP	Swiss Army	875	2870	1570	500	0.363
	SWISS P Final SR	JHP	3.4	52	SINTOX	C.I.P.	1040	3412	1407	600	0.182
6.5 CM	SWISS P Target SX	HPBT	8.4	130	LFP	C.I.P.	875	2871	3216	600	0.622
	SWISS P Target	HPBT	9.3	143	LFP	C.I.P.	–	–	–	600	–
.308 Win.	SWISS P Ball	FMJ	11.4	176	CFP	C.I.P.	790	2592	3557	650	0.523
	SWISS P Target	JHP	10.6	168	CFP	C.I.P.	805	2641	3532	650	0.489
	SWISS P Target	JHP	11.3	175	CFP	C.I.P.	790	2592	3526	650	0.547
	SWISS P Styx Action	HPBT	10.8	167	CFP	C.I.P.	810	2657	3543	650	0.363
	SWISS P AP	AP	12.7	196	CFP	C.I.P.	790	2592	3963	650	0.652
	SWISS P Tactical	SFNBT	10.6	163	CFP	C.I.P.	820	2690	3564	650	0.303
	SWISS P Subsonic	HPBT	13	200	CFP	C.I.P.	315	1033	645	450	0.364
.338 LM	SWISS P Ball	FMJ	16.3	251	CFP	C.I.P.	855	2805	5958	650	0.657
	SWISS P Target	JHP	16.2	250	CFP	C.I.P.	865	2838	6061	650	0.684
	SWISS P Target	HPBT	19.4	300	CFP	C.I.P.	810	2740	6364	650	0.831
	SWISS P Styx Action	JHP	16.0	247	CFP	C.I.P.	875	2871	6125	650	0.433
	SWISS P AP	AP	16.8	260	CFP	C.I.P.	847	2779	6026	650	0.677
	SWISS P API	API	17.1	263	CFP	C.I.P.	847	2779	6134	650	0.679
	SWISS P Tactical	SFNBT	16.2	250	CFP	C.I.P.	860	2822	5991	650	0.375
	SWISS P Subsonic	HPBT	16.2	250	CFP	C.I.P.	315	1033	804	–	0.678
.375	SWISS P Ball	FMJ	22.7	350	CFP	C.I.P.	860	2822	8394	762	0.801
	SWISS P AP	AP	22.3	343	CFP	C.I.P.	865	2838	8492	762	
.50 Browning	SWISS P Training SX	JSC	41.7	644	LFP	M-CMOPI	890	2920	16515	1143	0.698
	SWISS P HC SX	JHC	47.5	733	LFP	M-CMOPI	880	2887	18392	1143	0.779
	SWISS P AP SX	AP	42.6	657	LFP	M-CMOPI	915	3002	17833	1143	–
	SWISS P API SX	API	44.0	679	LFP	M-CMOPI	915	3002	18419	1143	0.754

About Beretta Defense Technologies

Beretta Defense Technologies is the strategic alliance of Beretta Holding companies that supply services and products to Military and Law Enforcement operators around the world. These companies are globally renowned for decades of expertise and leadership in their respective fields, state of the art machinery and extensive R&D capabilities.

Building on our unparalleled expertise and long track record, we are also able to provide customised, integrated system solutions. In addition to ammunition, we can supply firearms, optical devices, lasers and suppressors.

BDT

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Glossary

AP	Armour Piercing	M-CMOPI	Multi-Calibre Manual of Proof and Inspection Procedures , AEP-97
BC	Ballistic Coefficient G1 (ICAO)		
C.I.P.	Commission Internationale Permanente pour l'Epreuve des Armes à Feu Portatives	(+P)	Higher Pressure
		PZP	Pressed Zinc Powder
FMJ	Full Metal Jacket	PZPS	Pressed Zinc Powder Slug
FMJFP	Full Metal Jacket Flat Point	SFNBT	Solid Flat Nose Boat Tail
HA	High Accuracy	SHP	Solid Hollow Point
HC	Hard Core	SJ	Semi Jacket
HP	Hollow Point	SR	Short Range
HPBT	Hollow Point Boat Tail	SRS	Short Range Solid
HV	High Velocity	SX	SINTOX
JHC	Jacketed Hard Core	SXF	SINTOX-FORENSIS
JHP	Jacketed Hollow Point	TC	Tungsten Carbid Core
JPP	Jacketed Pressed Pellets	TFMJ	Totally encapsulated leadcore, Full Metall Jacket
JSC	Jacketed Soft Core		
LF	Lead free	TR	Technische Richtlinie

Symbols

Corrosion Free Primer	CFP	Corrosion-free primer for reliable ignition without corrosive residues
Lead Free	LEAD FREE	Lead free cartridge (bullet and primer)
Lead Free Primer	LEAD FREE PRIMER	Lead-free primer designed without toxic heavy metals
Linked		Linked
NATO Design Mark		Technical specifications according to NATO standards
Sintox Forensis (SXF)	SINTOX FORENSIS	Sintox (SXF) Low-polluting primer with marking agent
Sintox (SX)	SINTOX	Low-polluting primer
Sinoxid	SINOXID	Sinoxid Standard primer

For further information please ask for our factsheets.
Errors and omissions excepted, subject to technical modifications.



WARNING

Hazard statements:
H204 Fire or projection hazard.

Handling, storage and use only by authorised and trained personnel. All applicable safety, transport and storage regulations must be observed. Detailed safety information is provided in the Safety Data Sheet.

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Every Time.

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