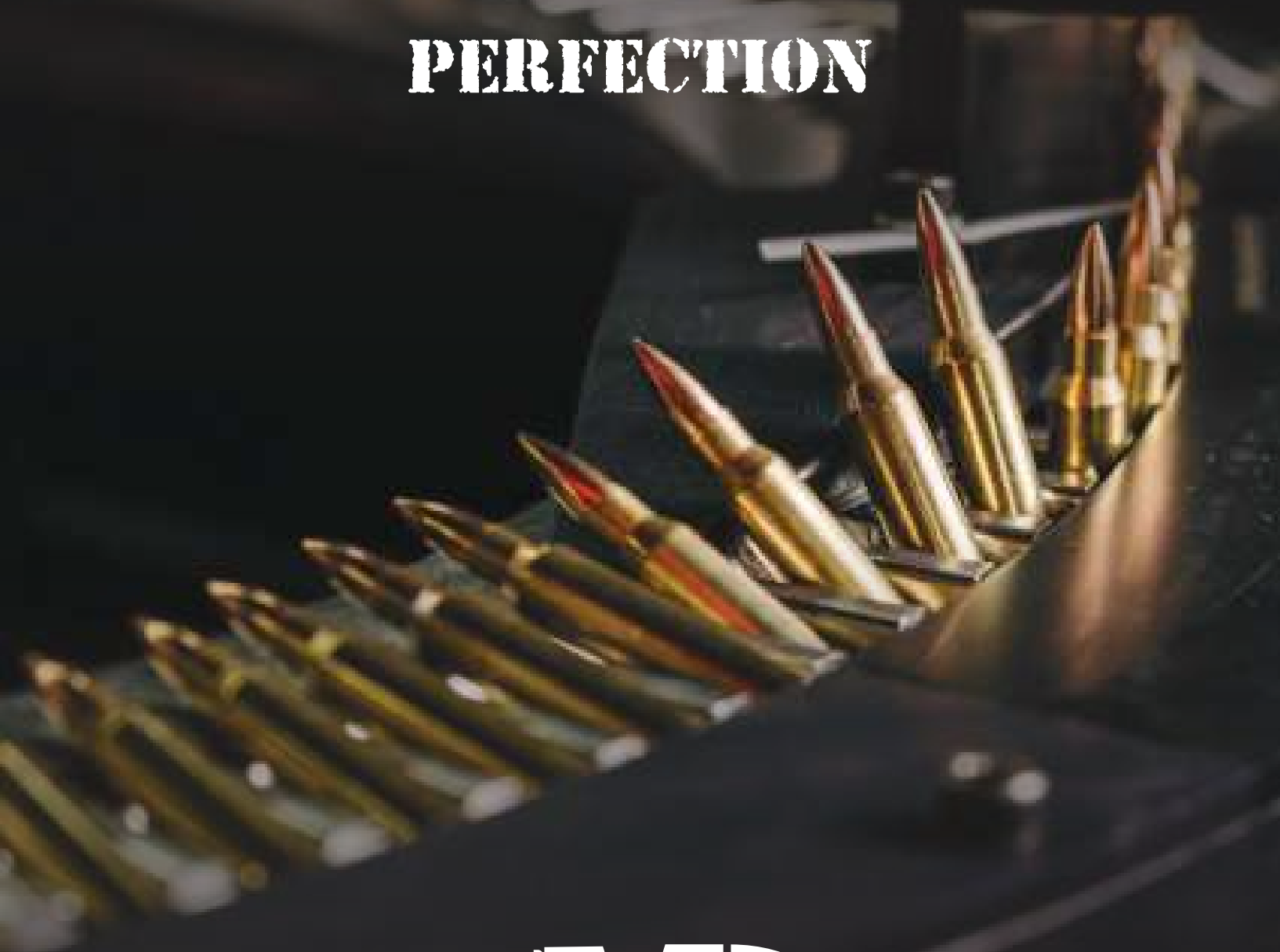


MIEDIEF

**PRECISION
INNOVATION
PERFECTION**



PRECISION - INNOVATION - PERFECTION

PRODUCT
CATALOGUE

VENOM

Venatum



AVCI

CARTRIDGES



About Us

Our journey began in **1981** with the establishment of the **AVCI** brand, founded by an avid hunter with a passion for craftsmanship and performance. For over **40 years**, AVCI has produced high-quality shotshells trusted by hunters, sport shooters, and professionals alike.

In 2017, driven by continuous investment, innovation, and growth, this legacy evolved into **MEDEF Savunma Sanayi ve Dış Ticaret A.Ş.**, internationally known as **MEDEF Defence**. By combining long-standing know-how with **state-of-the-art engineering and technology**, MEDEF Defence expanded into centerfire ammunition manufacturing and global defense markets.

Our Vision & Values

At MEDEF Defence, success is built on three core principles:

Precision

Achieved through advanced machinery, skilled human resources, and strict adherence to national and international standards.

Innovation

Driven by continuous R&D, evolving quality benchmarks, and investment in cutting-edge production technologies.

Perfection

The result of harmonizing precision and innovation across every stage of manufacturing and operations.

These values guide every decision we make because in defense manufacturing, excellence is not optional.

MEDEF Defence is a leading manufacturer of centerfire ammunition, delivering high-performance solutions for military, law enforcement, and civilian markets worldwide. With decades of manufacturing expertise and a strong commitment to innovation, MEDEF Defence serves global

partners with reliable, precision-engineered ammunition products.

Exporting to numerous countries across multiple continents, MEDEF Defence is recognized for consistent **quality, advanced manufacturing capability, and customer-focused service.**

01

Pistol Ammunition

Designed for reliability, accuracy, and durability across military, law enforcement, training, and competition use.

Manufactured to SAAMI/CIP/NATO specifications where applicable, with sealed cases for enhanced durability under varying conditions.





Parabellum

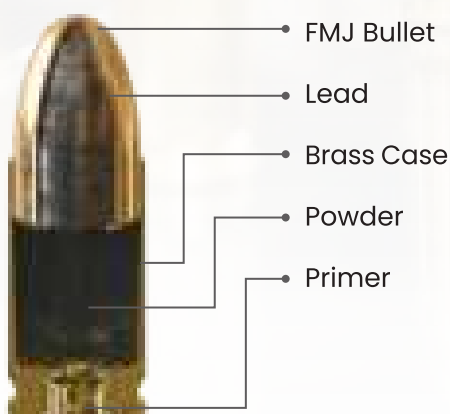
9 mm Parabellum Pistol Cartridges

9 x 19
mm



Parabellum Pistol Cartridges are the World's most popular pistol cartridges and are effectively used in armed forces, law-enforcement, and civilian firearms. The ammunition is manufactured in

accordance with NATO specifications, with a sealed case to ensure reliable ignition and increased durability under varying weather conditions, while delivering consistent accuracy



Bullet Weight

Velocity (m/s)

Max Average Pressure (bar)

Specifications

Specifications	
7,5 g / 115 gr	8 g / 124 gr
360 ± 10	355 ± 10
2350	

- High Accuracy
- FMJ Bullet
- Brass Case

- Boxer Primer
- Waterproof



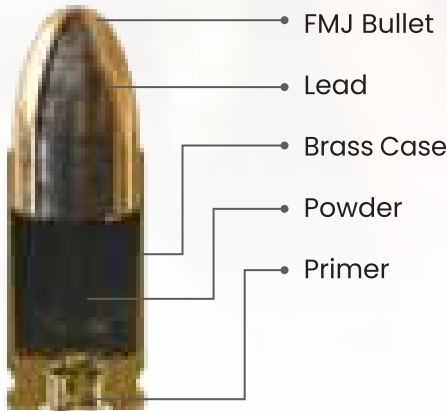
Luger

9 mm Luger Pistol Cartridges



Luger Venom 9×19 mm is manufactured in accordance with NATO specifications, offering reliable ignition, consistent velocity, and high shot-to-shot stability.

The optimized FMJ bullet profile provides smooth feeding across a wide range of pistol platforms, making it suitable for intensive training and competition shooting.



	Specifications	
Bullet Weight	7,5 g / 115 gr	8 g / 124 gr
Velocity (m/s)	350 ± 10	345 ± 10
Max Average Pressure (bar)	2200	

- High Accuracy
 - FMJ Bullet
- Brass Case
 - Boxer Primer



Hollow Point

9 mm Hollow Point Cartridges

9 x 19
mm



A hollow-point bullet is a type of expanding bullet that expands on impact with a soft target, transferring more or all of the projectile's energy into the target over a

shorter distance. In target shooting, they are used for greater accuracy due to the larger meplat.



• Hollow Point Bullet

• Brass Case

• Powder

• Primer

Specifications

Bullet Weight

8 g / 124 gr

Velocity (m/s)

355 ± 10

Max Average Pressure (bar)

2350

- High Accuracy
- Brass Case
- Boxer Primer



Subsonic

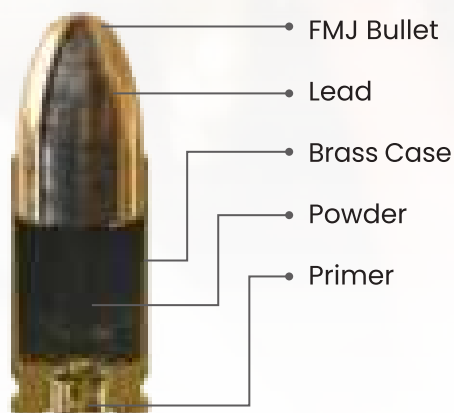
9 mm Subsonic Cartridges

9 x 19
mm



Subsonic Venom 9×19 mm strikes precision, not noise. Built for subsonic performance, it offers reduced acoustic signature, smooth recoil, and unwavering reliability. Engineered

for suppressed platforms and disciplined shooters, it delivers control, consistency, and confidence in every shot.



Bullet Weight

Velocity (m/s)

Max Average Pressure (bar)

Specifications

Specifications		
147 gr	158 gr	165 gr
295 ± 10	270 ± 10	260 ± 10
2350		

- High Accuracy
- Low Noise

- Brass Case
- Boxer Primer



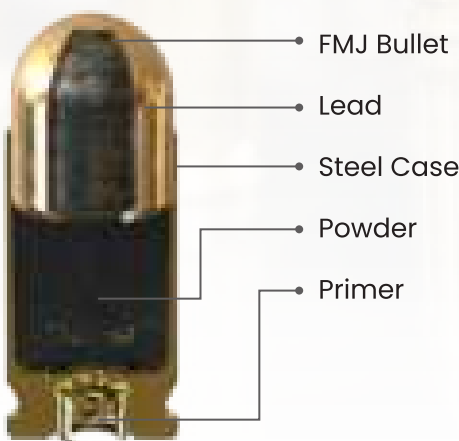
Makarov

9 mm Makarov Pistol Cartridges



Makarov Cartridges have 18 mm case length and are larger in diameter than Parabellum Ammunition. Makarov is

designed for straight blowback operations and is very effective in armed forces, law enforcement, and civilian firearms.



	Specifications
Bullet Weight	6,10 g / 94 gr
Velocity (m/s)	320 ± 15
Max Average Pressure (bar)	2350
- High Accuracy - FMJ Bullet - Steel Case - Ball Powder / Boxer Primer	



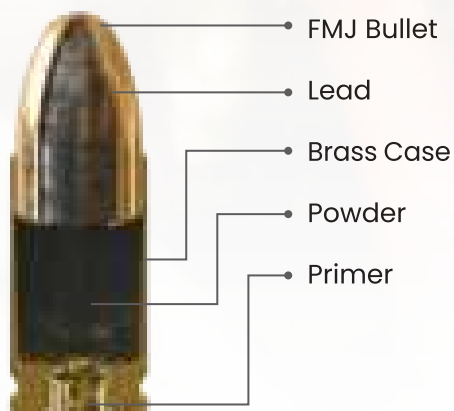
Luger

9 mm Luger Pistol Cartridges

9 x 19
mm



This ammunition is mostly preferred by consumers for training purposes and shooting competitions.



Bullet Weight

7,5 g / 115 gr

8 g / 124 gr

Velocity (m/s)

350 ± 10

345 ± 10

Max Average Pressure (bar)

2200

- High Accuracy
- FMJ Bullet
- Brass Case
- Boxer Primer

02

Rifle Ammunition

High-accuracy cartridges developed for military, law enforcement and civilian use.

Optimized for stability, and consistent ballistic performance.

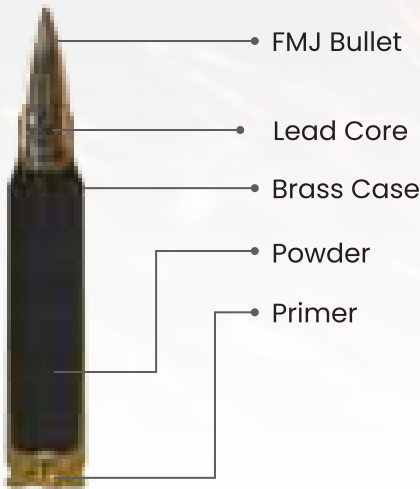




5.56 x 45 mm

Full Metal Jacket Rifle Cartridges

5.56 x 45 mm Dectus Venom is effectively used by armed forces and law enforcement agencies and civilian competitions.



Bullet Weight
Velocity (m/s)
Max Average Pressure (bar)

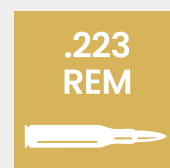
Specifications	
4,1 g / 62 gr	3,6 g / 55 gr
915 ± 25	930 ± 25
3900	

- High Accuracy
- FMJ Bullet
- Brass Case

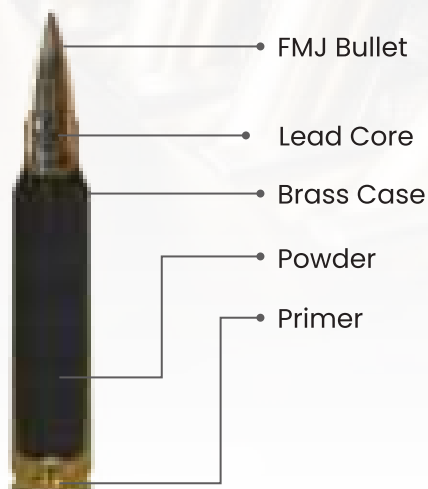


.223 REM

Full Metal Jacket Rifle Cartridges



.223 REM Dectus Venom is effectively used in civilian firearms.



Bullet Weight

Velocity (m/s)

Max Average Pressure (bar)

Specifications

4,1 g / 62 gr

3,6 g / 55 gr

915 ± 25

930 ± 25

3900

- High Accuracy
- FMJ Bullet
- Brass Case



SS109

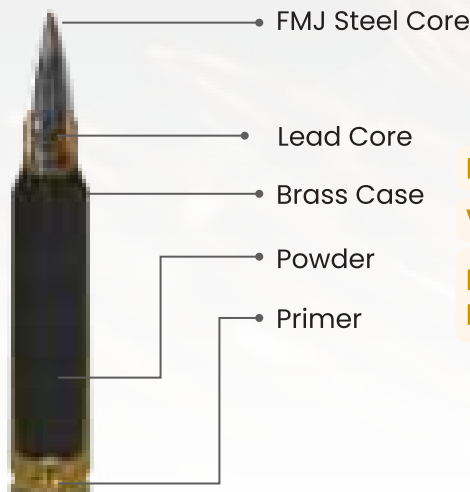
5.56×45 mm SS109 Full Metal Jacket

5.56 x 45
mm



The **5.56×45 mm SS109 cartridge** features a full metal jacket projectile with a steel penetrator core, designed to deliver consistent accuracy and reliable

performance. It is commonly used in military and NATO-standard platforms, offering effective penetration and stable flight characteristics at medium to long ranges.



Bullet Weight

Velocity at 24 m (m/s)

Max Average Pressure (bar)

Specifications

4.01 g / 62 gr

920 ± 20

3900

- High Accuracy
- Brass Case
- Boxer Primer



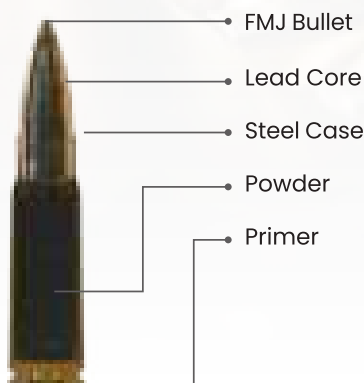
7.62 x 39 mm

Full Metal Jacket Rifle Cartridges

The **7.62 × 39 mm Vipera Venom Full Metal Jacket cartridges** are designed for reliable performance across military, law enforcement, and civilian platforms. Engineered for long-range small-arms engagements, this ammunition delivers consistent ballistic stability, controlled

penetration, and dependable feeding in light machine guns and compatible rifle systems. Its Full Metal Jacket projectile minimizes barrel fouling while ensuring uniform trajectory and operational reliability under demanding conditions.

7.62 x 39
mm



Bullet Weight

Specifications

8 g / 123 gr

- High Accuracy • High Stability
- Steel Case / Brass Case (Options)



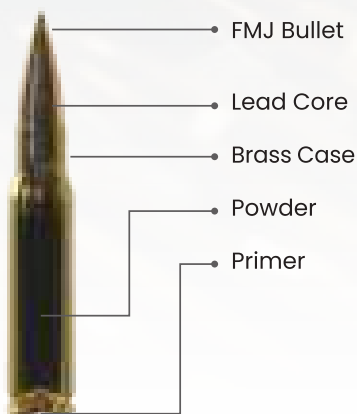
7.62 x 51 mm

Full Metal Jacket Rifle Cartridges

Built to meet the demands of professional users, the **7.62×51 mm Vipera Venom FMJ cartridges** offer dependable accuracy and ballistic consistency across military, law-enforcement, and civilian use. Designed

for extended-range engagements, they are ideally suited for light machine guns, designated marksman rifles, and precision sniper platforms at short to medium distances.

7.62 x 51
mm



Bullet Weight

Specifications

9,7 g / 150 gr

- High Stability
- Brass Case
- FMJ Bullet
- Spherical Powder



03

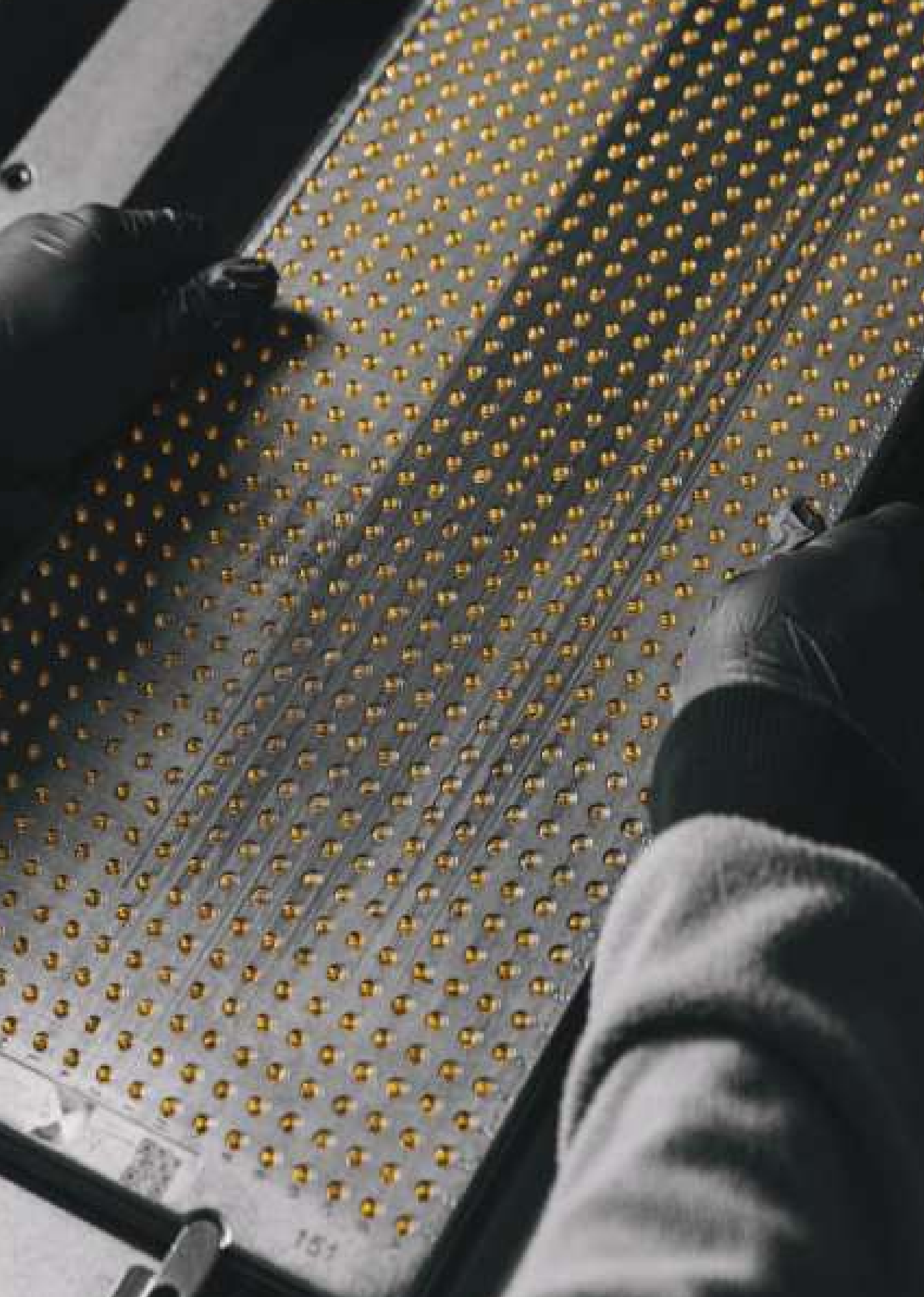
Component Production

MEDEF Defence manufactures **key ammunition components in-house**, ensuring full control over quality, consistency, and performance throughout the production process.

Component portfolio includes:

- Bullets (FMJ and specialized types)
- Brass and steel cases
- Boxer primers (multiple sizes and packaging options)

By integrating component production with finished ammunition manufacturing, MEDEF Defence guarantees **premium input quality**, strict quality control, and reliable supply for both internal use and OEM partners.





Boxer Primer

At the Final Stage of production, every primer is precisely examined by high-tech

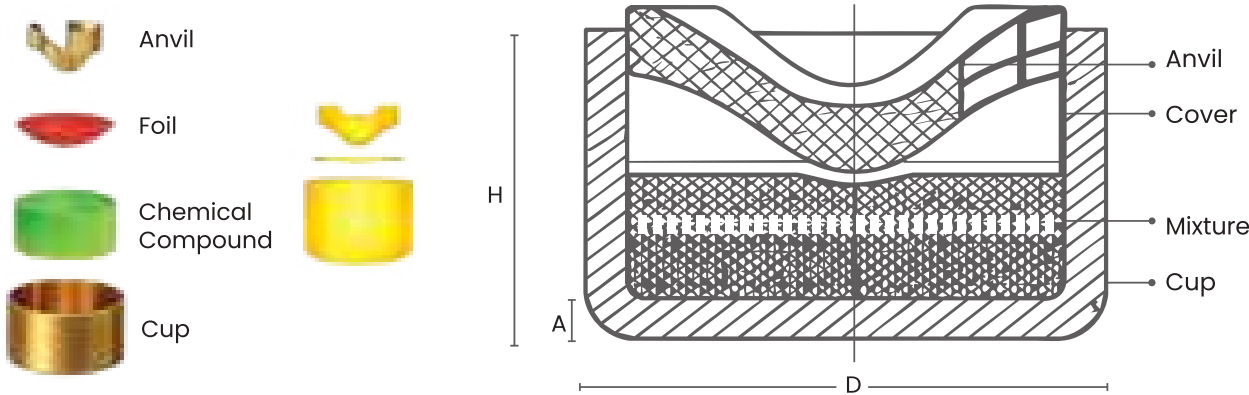
optical inspection system to ensure superior quality and consistency.

Non – Corrosive

- Small Pistol Primer
- Small Rifle Primer
- Large Rifle Primer

Primer Caliber	Primer Full Length H	Components			
		Cup (CuZn30)		Anvil (CuZn30)	Mixture Weight
		A	D		
SPP	3.12 - 0.25 mm	0.41 mm	4.465 - 0.3 mm	0.98 mm	23 ± 2 mg
SRP	3.22 - 0.25 mm	0.61 mm & 0.67 mm	4.465 - 0.3 mm	0.98 mm	25 ± 2 mg
LRP	3.35 - 0.25 mm	0.71 mm	5.410 - 0.6 mm	0.91 mm	38 ± 2 mg

Primer cup bottom shape may vary depending on the caliber.



Boxer Primer

4,4 SP BOXER



4,4 SR BOXER



5,5 LR BOXER





Bullets

Caliber	Type	Material	Weight
9 x 19 mm	115 gr FMJ	CuZn10 or CuZn30	7,5 g
	124 gr FMJ	CuZn10 or CuZn30	8 g
	147 gr FMJ	CuZn10	9,6 g
	124 gr JHP	CuZn10	8 g
9 mm Makarov	94 gr	CuZn10 or CuZn30	6,10 g
5.56 X 45mm / .223 REM	55 gr FMJ	CuZn10	7,5 g
	62 gr FMJ	CuZn10	8 g
	SS109 / M855	Steel Nose and Lead Alloy Core / CuZn10 Jacket	4,1 g





Cases

9X19 mm Brass Cases & Primed Cases

	Specifications
Caliber:	9 x 19 mm
Material:	CuZn30



5.56X45 mm Brass Cases

	Specifications
Caliber:	5.56x45 mm
Material:	CuZn30



04

Shotshells

With over **40 years of experience**, our shotshell division produces premium ammunition for:

Hunting
Sport shooting
Law enforcement

Manufactured using Italian machinery and advanced ballistic testing systems, all products comply with **CIP and TSE standards**.

24 Gram
28 Gram
30 Gram
32 Gram
34 Gram
36 Gram
38 Gram
40 Gram
Buckshot
Slug
Rubber



Our Legacy

Our shotshell journey began in 1981 with the launch of the AVCI brand—born from founder Salih Zeki Avcı’s passion for shooting sports and a relentless drive to get performance right. From day one, the focus was clear: build ammunition shooters could trust, shot after shot.

What started as a local pursuit of excellence quickly earned its place among the most respected and sought-after brands in Türkiye. As experience grew, so did ambition. Over more than 40 years, AVCI evolved from its roots into a modern manufacturing force, producing high-

quality shotshells engineered for hunting, sport shooting, and professional use.

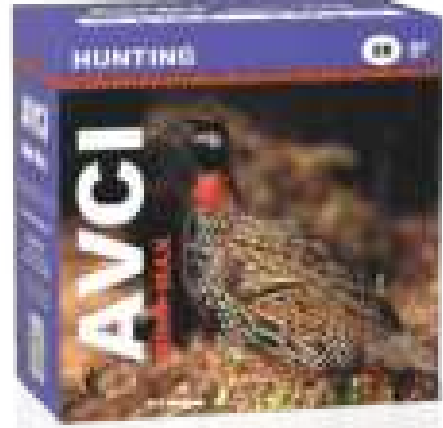
Today, that legacy powers both AVCI and VENOM. Manufactured in state-of-the-art facilities and backed by next-generation expertise, our ammunition is trusted by hunters, competitive shooters, and law enforcement agencies across global markets. With a comprehensive range of 12-gauge shotshells, we deliver consistency, control, and performance—wherever the shot matters most.

Annual shooting tournaments held in Avcı’s name keep the competitive spirit alive, honoring the past while sharpening the edge for the next generation.

Avci Game Hunting Series

Avci Mini Max

Under semi-arid weather conditions, this series is designed and suitable for partridge and francolin hunting with its high velocity and low recoil specifications. Besides 28 grams (1 oz), with amazing ballistic results, 29 grams (1.02 oz) is also offered by long R&D studies. Models are also offered with options of bior wad.



Avci Traditional

Traditional series 30 gram (1.05 oz) is very effective from long distances and usually prefers bird hunting.

The performance of the series at these shootings is proof of exceptional quality. The harmony between the wad, powder, and primer maintains long distance performance and a perfect pattern. The models are also offered with bior wads.



Avci Şelonez

Şelonez was specially developed by Mr. Salih Zeki Avci. This model was created with a distinct load of 31 grams (1.09 oz). Primer-powder and wad harmony were chosen by years' ballistics tests and hunting experience. Şelonez is the best-selling product in our 12-gauge series.



Avci Game Hunting Series

Avci Grand Shot

High-performance cartridges are loaded with 22mm brass cases and are offered as 34 (1.20 oz), 36 (1.27 oz) and 38-gram (1.34 oz) options. Along with a special long-range designed wad, dispersant wad is also offered with this model.

This quality ammunition is very effective in big game. It has been created after long R&D tests and studies and has a perfect pattern and effectiveness at long ranges.



Magnum X

40-gram (1.41 oz) loads with 70mm case length is a magnum series and are very effective with different chokes numbers. Manufactured with special disc powder, 16mm transparent case coordination represents this shells' quality.

Super Game

This model is classical ammunition with a 32-gram (1.13 oz) option. Consistent patterns and ballistic graphics reflect its quality.

Like other game models, this series has soft lead shots and a medium recoil. The models are also offered with bior wads.



Venom Hunting Series

A good Hunting

Felt Special 12F

While having a precise efficiency at a short distance, the Felt Special series also has excellent results at long ranges. It has been developed with a long time of experience. The special fiber wad is imported from the best suppliers in Italy.

28 (1 oz), 30 (1.05 oz), 32 (1.13 oz), and 34-gram (1.20 oz) options are offered with the series. Thanks to the over-powder unit used under the fiber wad, any pressure lost through the propellant are prevented, and optimum pressure/velocity is achieved.



Slug

Caliber	12 mm
Case Height	70 mm
Shot Size	Standard Size
Weight	32 gram (1-1/8 oz)
Wad	Plastic

Venom Defence Series

A good Hunting

All these defensive products have been produced especially for the use of Police and Gendarmerie forces in social events. They are most effective within an area of

influence between 15 and 35 m. There is a risk of death and injury at distances below 10 m. It must not be used against people. It is for defense and intimidation.

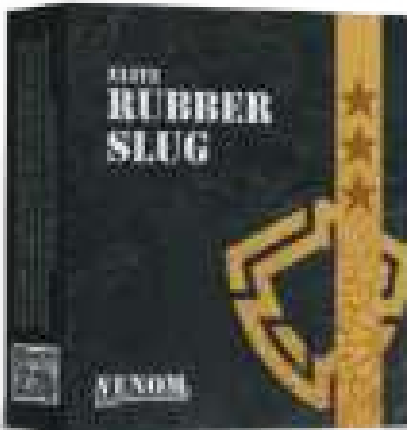


Buckshot 9 Pellet

Caliber	12 mm
Case Height	70 mm
Shot Size	8.38mm - .330"
Weight	34 gram (1-1/5 oz)

Rubber Slug

Caliber	12 mm
Case Height	70 mm
Velocity	280 m/s



Rubber Buckshot 6 or 9 Pellets

Caliber	12 mm
Case Height	70 mm
Velocity	255 m/s

Avci Competition Series

Extreme Trap

Trap shooting discipline requires longer range target breaking compared to Skeet. This series is unique for its high-velocity performance thanks to experience combined with ballistic analyses and advice with the best shooters in Turkey. AVCI cartridges 'Trap series has been used in many competitions and still holds the record to have the most championships.



Extreme Skeet

Lead shots with high antimony maintain the shooter with a high success rate. Fast burning special powder and primer combination has been chosen after a decade of experience and work. This shell is designed to obtain the highest possible velocity with optimum recoil level. This gives a competitive advantage to shooters, especially at doubles. AVCI cartridges 'Skeet series has been used in many competitions and still holds the record to have the most championships.

Extreme Sporting

Specially designed for use at shooting ranges and sporting competitions. This series has low recoil and is suitable to be used for training, and beginner or novice shooters.



Avci Turdus Series



Turdus hunting is a tradition in the Mediterranean.

AVCI Cartridges has been manufacturing shotshells special for Turdus and other small bird hunting.

These products are low cost, low recoil, and effective. The specially designed 26 grams is unique for this series with high ballistic efficiency.

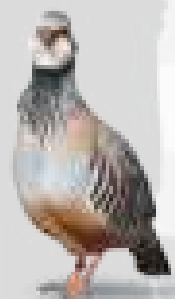
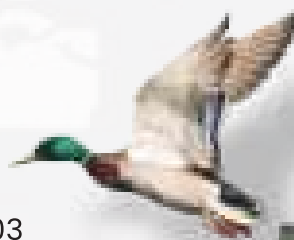
The specially designed 26 gr (0.92 oz) is unique for this series with high ballistic efficiency.

Vegas Special Custom Loads

- Vegas Ranger
- Vegas Range
- Vegas X Ranger

'VEGAS' brand has been created in 2003 for export purposes to the international market. It has been manufactured as an OEM production for the export market for customers' needs and semi-arid weather conditions.

It is possible to make production under required ballistic results; especially considering the pressure and velocity preferences, there are different manufacturing options for different countries and weather conditions. Packaging and other business requirements can be customized.





Shotshells Product Chart

	Description	Wad	Gram	EU-Shot No	Box	Case
Game Hunting Series	Mini Max	Plastic	28/29	2, 3, 4, 5, 6, 7, 7.5, 8, 9, 10	25	10
	Traditonal	Plastic	30	2, 3, 4, 5, 6, 7, 7.5, 8, 9, 10	25	10
	Şelonez	Plastic	31	2, 3, 4, 5, 6, 7, 7.5, 8, 9, 10	25	10
	Super Game	Plastic	32	2, 3, 4, 5, 6, 7, 7.5, 8, 9, 10	25	10
	Grand Shot	Plastic Dispersant	34, 36, 38	2, 3, 4, 5, 6, 7, 7.5, 7.5 Nickel, 8, 9, 10	25	10
	Magnum X	Plastic	40	2, 3, 4, 5, 6, 7, 7.5, 8, 9, 10	25	10
	Felt Special	Fibre	28, 30, 32, 34, 36	2, 3, 4, 5, 6, 7, 7.5, 8, 9, 10	25	10
	Description	Wad	Gram	EU-Shot No	Box	Case
Competition Series	Extreme Skeet	Plastic	24	9, 9.5, 10	25	10
	Extreme Trap	Plastic	24	7.5, 7.5 Nickel	25	10
	Extreme Sporting	Plastic	24, 26, 28, 30, 32	7.5, 8, 9, 10, 11	25	10
	Description	Wad	Gram	EU-Shot No	Box	Case
Turdus Series	Turdus 24	Plastic	24	7, 7, 5, 8, 9, 10, 11	25	10
	Turdus 26	Plastic	26	7, 7, 5, 8, 9, 10, 11	25	10
	Turdus 28	Plastic	28	7, 7, 5, 8, 9, 10, 11	25	10
	Turdus 30	Plastic	30	7, 7, 5, 8, 9, 10, 11	25	10
	Turdus 32	Plastic	32	7, 7, 5, 8, 9, 10, 11	25	10
	Turdus 34	Plastic	34	7, 7, 5, 8, 9, 10, 11	25	10

Custom & OEM Solutions

MEDEF Defence provides custom and OEM manufacturing solutions, designed to meet specific operational and market requirements, including:

- Ballistic performance tuning
- OEM production programs
- Custom packaging and private-label branding

This flexible manufacturing capability allows us to adapt quickly and effectively to diverse operational needs across global markets.



Global Reach Custom Solutions

Trusted by professionals across the world, MEDEF Defence brands are active in more than 40 countries, delivering reliable ammunition solutions to military, law enforcement, and civilian markets.

From North America to Europe, the Middle East, Africa, and Asia-Pacific, our global footprint reflects long-term partnerships built on performance, consistency, and trust.

What Defines Us

Medef is more than a standard manufacturer; we are a brand that places quality at the core of every production stage. Our commitment begins with exacting incoming quality control checks on all raw materials, followed by detailed process audits and final inspections before shipment to ensure product reliability.

This disciplined approach is a natural reflection of Medef's measurable and traceable commitment to **PRECISION** in manufacturing.

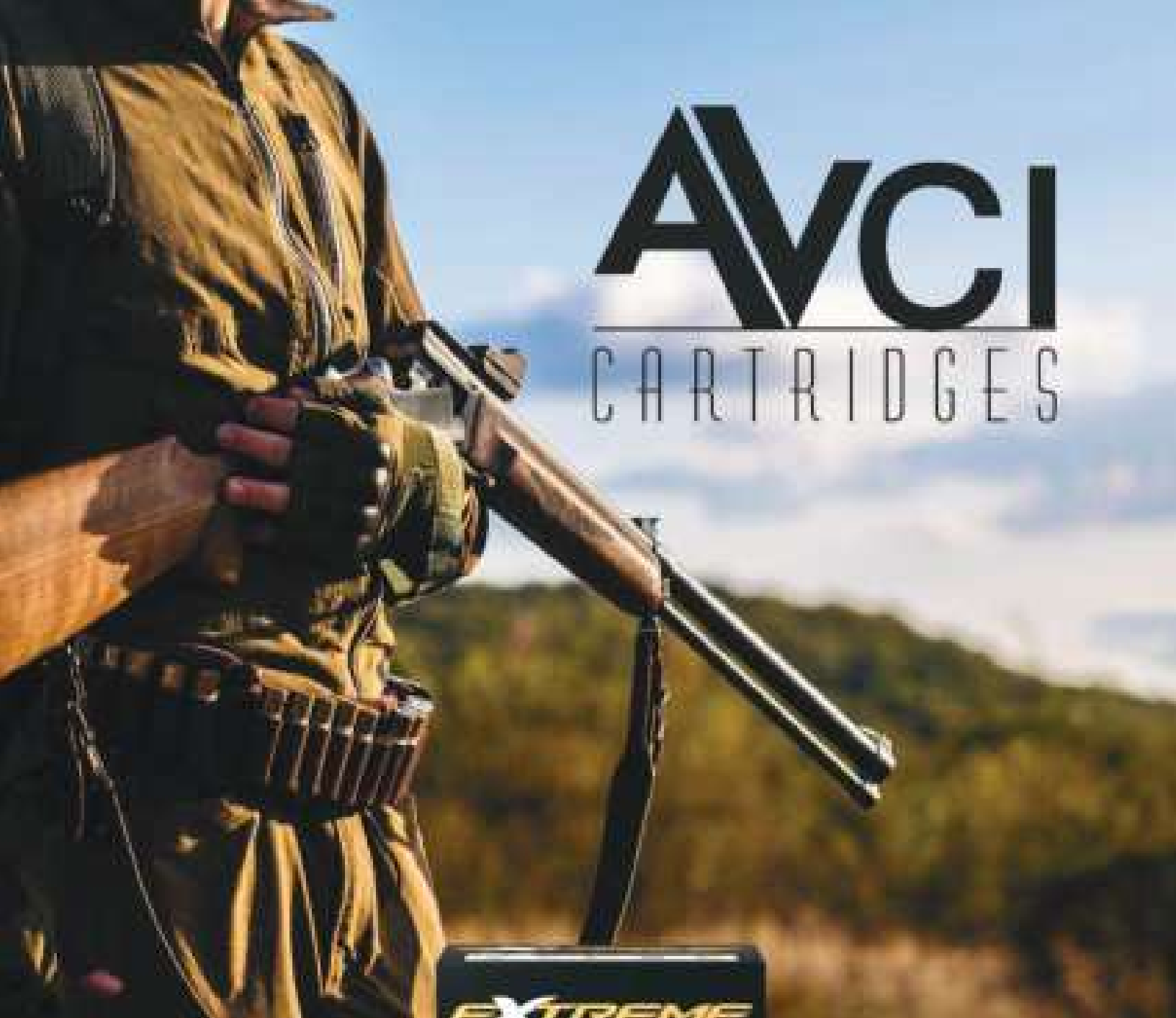
Our production infrastructure adapts to continuously evolving technologies. At the end of every production line, our optical and mechanical inspection systems ensure that Medef's commitment to **INNOVATION** is embedded into every product. These systems turn quality from a checkpoint into the core of production.

The care we uphold at every step of production makes Medef's understanding of **PERFECTION** not just a goal, but the signature of our brand.



AVCI

CARTRIDGES





VENOM

Venatum

Pistol & Rifle Cartridges



PRECISION-INNOVATION-PERFECTION

CONTACT

MEDEF SAVUNMA SANAYİ VE DIŞ TİC. A.Ş.
İvedik OSB Mah. 1122 Cad. No: 20/89
Yenimahalle / Ankara – Turkey

MEDEF USA LLC
5519 Export Blvd.
Savannah, GA 31408 – USA

MEDEF EUROPE SRL
A Socio Unicoc.so Torino
1/B 28100 Novara (NO)

+90 312 995 06 38
+90 549 417 13 00
+39 340 235 64 86

info@medefence.net
www.medefence.net