



EXCALIBUR ARMY

GUNS & AMMUNITION

www.excaliburarmy.cz





PROTECT YOUR WORLD

EXCALIBUR ARMY is a premier provider of a diverse range of weaponry and ammunition tailored for various applications, including vehicle-mounted, watercraft, portable, and handheld use. We are dedicated to delivering top-tier, dependable arms to meet the evolving needs of our clients.

Our extensive arsenal includes a variety of cutting-edge weaponry designed for exceptional performance, such as main battle tank guns, versatile machine guns, mortars, advanced grenade launchers, rifles, and reliable handguns. We take immense pride in our commitment to quality, ensuring that each weapon we offer is crafted to the highest standards of excellence.

In addition to our comprehensive weapon selection, our ammunition supply is equally impressive, encompassing a wide spectrum of cartridges ranging from 5.56mm to 155mm calibres. We also provide an assortment of specialized ammunition, including grenades and mortar mines. Our dedication to quality extends to our ammunition, as we strive to guarantee the utmost reliability and effectiveness in every round we produce.

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NATO CALIBER WEAPONS

EXCALIBUR ARMY is proud to offer a wide range of NATO calibre weapons which are highly regarded for their compatibility with NATO standard ammunition and their widespread use by military forces and law enforcement agencies worldwide.



ASSAULT RIFLES

MACHINE GUNS

ANTI-MATERIEL SNIPER RIFLES



ASSAULT RIFLES

We offer a range of rifles based on AR-15 platform related with MIL-STD with full interchangeability of spare parts.

Apart from reliability and long service life, one of the best benefits for the customer is a huge variety of solutions for weapon customizing.

OPTIONAL ACCESSORIES

- RED DOT SIGHT
- LASER SIGHT
- TACTICAL LIGHT
- D-BALL ILLUMINATOR
- NIGHT VISION SCOPE
- SILENCER
- FRONT GRIP
- MUZZLE BREAKBIPOD

STANDARD ACCESSORIES

- MAGAZINE 1 PC
- CLEANING KIT
- SLING



AR-10.5



AR-14.5



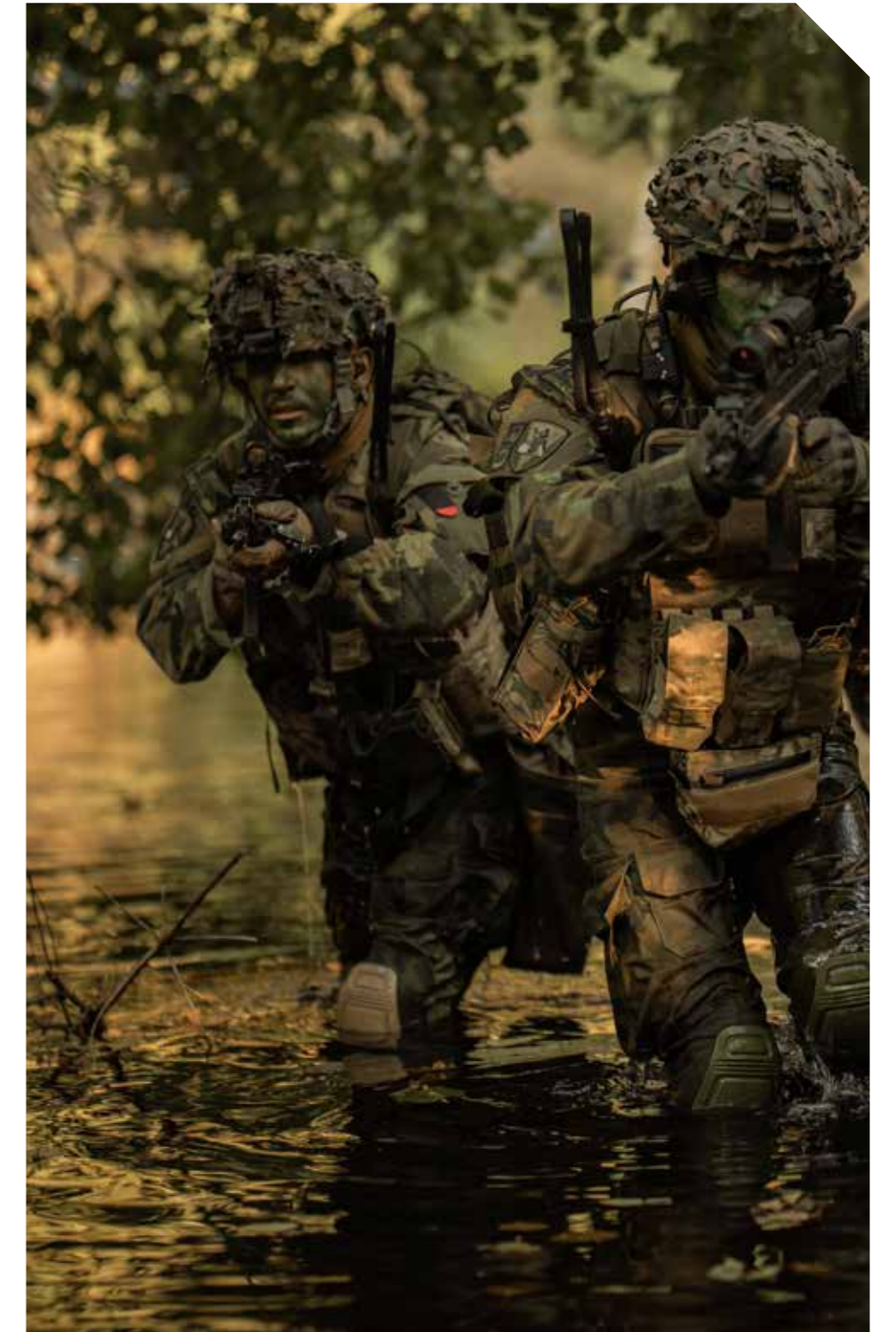
AR-16



AR-18



AR-CLASSIC



PARAMETERS	AR-10.5	AR-14.5	AR-16	AR-18	AR-CLASSIC
calibre	5.56 × 45mm	5.56 × 45mm	5.56 × 45mm	5.56 × 45mm	5.56 × 45mm
gas system	carbine length	mid length	mid length	mid length	rifle length
weight	2.7kg	2.9kg	3.0kg	3.1kg	3.4kg
length	71cm	86cm	88cm	92cm	101cm
barrel	10.5"	14.5"	16"	18"	20"
muzzle device	birdcage	birdcage	birdcage	birdcage	birdcage

PACKING

DIMENSIONS & WEIGHT 10 PCS BOX

L × W × H	122 × 52 × 33cm
weight	64 kg

DIMENSIONS & WEIGHT OF PALLET

EUR/EPAL pallet	100 pcs of guns
L × W × H	122 × 104 × 179cm
weight	410 kg Netto / 662kg Brutto
pallet stackability	no



PZD 5.56 mm

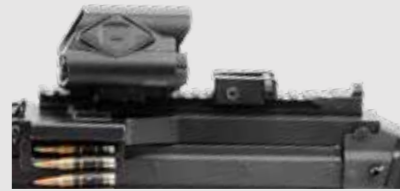
LIGHT MACHINE GUN



The PZD 5.56 light machine gun is a fully automatic weapon providing critical fire support. Carried and operated by a single operator, it can be mounted on mil-spec cradles when required to perform a limited range of tasks as a universal machine gun. The weapon fires from the open bolt position, the breech is locked by a rotating bolt and unlocked by a screw slide, the slide is moved backwards by the action of the piston carrier, which is pushed by the burnt gases.



OPTIONAL ACCESSORIES



RED DOT



NIGHT VISION DEVICE



RED DOT + MAGNIFIER



SILENCER

STANDARD ACCESSORIES
PZD 5.56 MM LMG
TRANSPORTATION CASE
MAGAZINE FOR BELT 100 RDS 2 PCS

OPTIONAL ACCESSORIES
NIGHT VISION DEVICE
MAGNIFIER
SILENCER
RED DOT
CLEANING KIT
FRONT GRIP
SLING



OPTIONAL PACKING

DIMENSIONS & WEIGHT UNIT PACKING

L x W x H	120 x 35 x 14 cm
weight	13 kg

DIMENSIONS & WEIGHT OF PALLET

EUR/EPAL pallet	21 pcs of guns
L x W x H	120 x 80 x 140 cm
weight/stand. acces.	273 kg Netto / 298 kg Brutto
pallet stackability	no



M2

HEAVY MACHINE GUN

One of the most battle-proven heavy machine guns in the world. A .50 calibre heavy machine gun inspired by the famous Browning M2. The M2 QCB (Quick Change Barrel) is the latest addition. The M2 incorporates many improvements over this venerable 12.7 mm (.50 cal) heavy machine gun, which has been widely used on armoured and light vehicles, shipborne mounts and by infantry on tripod mounts in anti-material, anti-vehicle and anti-personnel roles.

Our solution presents the world's most durable and lowest dispersion M2 QCB 12.7 mm (.50 cal.) heavy machine gun with +25,000 rounds barrel life and less than 6 MOA dispersion.



EASY OPERATION

QCB – Quick Change Barrel
Capable of right-hand or left-hand feed

LONG LIFE

Made of high quality steel
Marine grade anti-corrosion coating
Stellite lined barrel life 25,000+
Receiver life 100,000+

GENERAL FEATURES

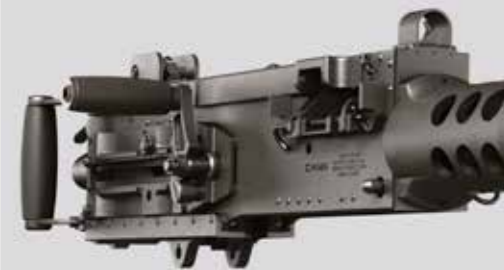
Quick changed barrel
Barrel handle simplifies hot barrel changing
Side changeable retracting slide assembly
Side changeable belt-holding pawl
Side-shot automatic fire

PARAMETERS M2

caliber	12x7mm (.50 cal)
type of ammunition to be used	12.7x99 Standard Ammunition / Standard NATO Cartridges
weight of complete gun (without feed chutes and tripod adaptor)	38.5 kg
weight of barrel assembly	12 kg
length of gun	1,655 mm
length of barrel assembly	1,143 mm
method of operation	short recoil
firing mode	automatic Dual Selective (Single and Automatic)
muzzle velocity	900 m/s
rate of fire	450-650 rpm
max. effective range	1,830 m
max. range	6,800 m
barrel life	25,000 rounds
accuracy	18 cm (∞ 6 MOA) / at 100 m
recoil force	150-250 pounds

OPTIONAL PACKING

machine gun without barrel	1 unit
barrel and barrel carrying handle	1 unit
headspace and timing gage	1 unit
set breech lock set	1 set/7 pcs
mitten, heat protective	1 unit
extractor, ruptured cartridge	1 unit
wrench 3/4" – 7/8"	1 unit
handle, bolts	1 unit
cleaning kit and lubricants	1 unit
user manual	1 unit



RECEIVER LIFE 100.000+



CAPABLE OF RIGHT-HAND OR LEFT-HAND FEED



MADE OF HIGH QUALITY STEEL



BARREL LIFE 25.000 ROUNDS



QCB/QUICK CHANGE BARREL



TRIGGER SAFETY SYSTEM



SR 12.7 × 99 mm

ANTI-MATERIAL SNIPER RIFLE

SR 12.7×99 mm (.50 Cal) anti-material sniper rifle is a semi-automatic weapon providing high accuracy and penetration when shotgunning at long-range targets (up to 2,000 m) as well as standard distances. The rifle is equipped with a MIL-STD-1913 rail for mounting an optical scope or night vision device.



COLOURE VARIANTS WITH CERAKOTE® CERAMIC COATING

CORROSION RESISTANCE
HARDNESS & DURABILITY
THERMAL STABILITY
CHEMICAL RESISTANCE
UV STABILITY



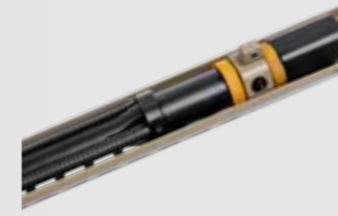
PACKING

DIMENSIONS & WEIGHT UNIT PACKING

L x W x H	137 x 39 x 15 cm
weight	20.5 kg

DIMENSIONS & WEIGHT OF PALLET

EUR/EPAL pallet	20 pcs of guns
L x W x H	140 x 80 x 164 cm
weight	205kg Netto / 230kg Brutto
pallet stackability	no



DUAL RECOIL SPRING



EFFECTIVE MUZZLE BREAK



SCOPE



ADJUSTABLE BIPOD



NIGHT VISION DEVICE



EFFICIENT BUFFER



SIMPLE DISASSEMBLY



CIP PROOF HOUSE TESTING

STANDARD ACCESSORIES
SR 12.7 × 99 mm RIFLE
TRANSPORTATION CASE
10 RDS MAGAZINE 2 PCS
RIFLE SCOPE 5-30×56
CLEANING KIT
ADJUSTABLE BIPOD

OPTIONAL ACCESSORIES
SILENCER
NIGHT VISION DEVICE
10 RDS MAGAZINE ADDITIONAL



NON-STANDARD CALIBER WEAPONS

EXCALIBUR ARMY also offers a range of non-standard calibres to meet specialised needs and applications beyond the NATO standard calibres. These non-standard calibre weapons offer unique capabilities and can be customised to meet specific requirements.



ASSAULT RIFLES

MACHINE GUNS

MOUNTS

MEDIUM CALIBER GUNS

ROCKET-PROPELLED GRENADE LAUNCHER



NON-STANDARD
CALIBER WEAPONS
ASSAULT RIFLES

ASSAULT RIFLES

MODERNIZED AKM / AKMS

We offer **AKM/AKMS** rifles, a modernized version of the renowned AK-47 system.

Our adjustments have prepared the rifles to be used under the most unfavourable conditions, increasing the guns durability and reliability. Integration of Picatinny rails (MIL-STD-1913 compatible) enables mounting of a wide variety of optoelectronic sights and accessories.



AKM

polymer grips



AKMS

foldable stock



AKMS

foldable stock

OPTIONAL ACCESSORIES

- RED DOT SIGHT
- LASER SIGHT
- TACTICAL LIGHT
- D-BALL ILLUMINATOR
- NIGHT VISION SCOPE
- SILENCER
- FRONT GRIP
- MUZZLE BREAK



AKM/AKMS CUSTOMIZABLE CONFIGURATION

We deliver the AKM/AKMS rifles with a selection of modifications and accessories to meet special customer requirements.



PARAMETERS	AKM (wooden series)	AKMS (wooden series)	AKM (polymer series)	AKMS (polymer series)
calibre	7.62 x 39mm	7.62 x 39mm	7.62 x 39mm	7.62 x 39mm
gun length	887mm	920 / 655mm	887mm	920 / 655mm
rate of fire -maximum	600rpm	600rpm	600rpm	600rpm
muzzle velocity	715m/s	715m/s	715m/s	715m/s
effective range	1,000m	1,000m	100 – 1,000m	100 – 1,000m
weight of the gun	3.15kg	3.35kg	3.1kg	3.3kg

OPTIONAL PACKING

	AKM	AKMS
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DIMENSIONS & WEIGHT 10 PCS BOX

L x W x H	107 x 70 x 26cm	135 x 54 x 39cm
weight	78 kg	80 kg

DIMENSIONS & WEIGHT OF PALLET

EUR/EPAL pallet	50 pcs of guns	80 pcs of guns
L x W x H	120 x 80 x 145cm	135 x 108 x 165cm
weight/stand. acces.	408 kg	663 kg
pallet stackability	no	no





ASSAULT RIFLES

EU MADE AKM PLATFORM RIFLES



KA-17 P



MODERNIZATION



NON-STANDARD CALIBER WEAPONS ASSAULT RIFLES

PARAMETERS

	KA-17 P	KA-17 S	KA-117
calibre	7.62 x 39mm	7.62 x 39mm	7.62 x 39mm
barrel length / folded stock	980mm / 730mm	980mm / 730mm	980mm / 730mm
muzzle velocity	715 m/s	715 m/s	715 m/s
effective firing range	800m	800m	800m
weight of the gun	3.75 kg	3.75 kg	3.75 kg

OPTIONAL PACKING

DIMENSIONS & WEIGHT 10 PCS BOX

L x W x H	116 x 63 x 40cm
weight	52 kg Netto / 80 kg Brutto

DIMENSIONS & WEIGHT OF PALLET

EUR/EPAL pallet	80 pcs of guns
pallet	120 x 126 x 175cm
weight/stand. acces.	665 kg
pallet stackability	no

KA-117



KA-17 S

STANDARD ACCESSORIES

Every KA model comes with basic accessories.





HEAVY CALIBER MACHINE GUNS

Heavy caliber machine guns refer to firearms that utilize larger ammunition, typically .50 caliber (12.7 mm) or higher. These weapons are characterized by their robustness, high power and ability to deliver substantial damage to both personnel and armored targets.

They're employed for anti-personnel, antimaterial and vehicle-mounted applications, known for their extended range, high rate of fire and the capability to penetrate armor. Often requiring mounting or stabilization due to their size and recoil, these guns are utilized in military, law enforcement, and sometimes civilian settings for specific purposes where significant firepower and penetration are necessary.



DShK

NSV/NSVT

KPV/KPVT

NON-STANDARD CALIBER WEAPONS HEAVY CALIBER MACHINE GUNS



MK 93 MOD 2 SINGLE MOUNT

This mount seamlessly integrates M2/M2F HMGs on various vehicles, transforming them into gun trucks for light infantry and special operations. It also provides a stable platform for defending fixed sites, featuring a patented buffer for precise firing.



PARAMETERS

armor material	Hardor 500
mount material	13 kg
ground sheet material	84 kg
shield assembly	40 kg
support legs and main carrier	50 kg
pallet stackability	5 kg – single mount 10 kg – dual mount

DUAL MOUNT

The dual M2 is versatile solution for multiple platforms which can be integrated as on vehicle and small boats. Thanks to the special patented buffers the mounted gun can quickly respond to the UAV presence and other small targets.

KARANCHO

VERSATILE WEAPON MOUNT

The Karancho is a cradle mount for the 14.5 mm KPVT heavy machine gun with variable mounting options - either a single leg adaptor for use on pick-up trucks or boats or a tripod for use by infantry in their defensive positions. Optionally a pintle mount can also be offered.

The Karancho gun mount is equipped with a recoil limiting mechanism and should supports for the shooter which ensure high stability during firing.



PARAMETERS	DShK	NSVT	KPVT
calibre	12.7 x 108 mm	12.7 x 108 mm	14.5 x 114 mm
gun length	1,625 mm	1,560 mm	1,980 mm
rate of fire - maximum	600 rpm	700-800 rpm	600 rpm
muzzle velocity	850 m/s	845 m/s	1,005 m/s
effective range against ground targets	6,500 m	6,000 m	7,000 m
maximum range	2,000 m	2,000 m	3,000 m
weight	34 kg	25 kg	49 kg, 39 kg on infantry tripod



2A42

30 mm AUTOMATIC CANNON

The 2A42 is a 30 mm automatic cannon used for a variety of purposes, including anti-aircraft defence, anti-surface target engagement and ground support roles. It can be mounted on armoured vehicles, infantry fighting vehicles, helicopters and selected fixed-wing aircraft.



PARAMETERS 2A42

calibre	30 x 165mm
ammo used	AP(DS), AP-T, HE, HEI, HE-T, HETP-T, TP
length	3,027mm
weight	115kg
barrel weight	38.5kg
firing speed – low cadency	200 – 300 rounds/min.
firing speed – high cadency	550 rounds/min.
muzzle velocity	880 m/s (AP-T) - 1 200 m/s (APDS)
max. range	10,300 m
effective range - ground targets	4,000 m
effective range - aerial targets	2,500 m



RPG-7

ROCKET LAUNCHER

The **RPG-7** is a shoulder-fired, man-portable anti-tank rocket launcher designed to engage armoured vehicles and fortified positions. It's primarily used by infantry and irregular forces around the world. A key feature of the RPG-7 is its reloadable design. After firing, the spent rocket tube can be discarded and a new rocket can be loaded, again in a few moments.



PARAMETERS OPTICAL SIGHT PGO-7

magnification	2.7x
field of view	13°
resolution limit	28" at most
distance scale range	from 200 to 500 m
sighting angle scale graduation value	±0-50 dc
piece value of the lateral correction scale range	10 dc
length with eyepiece	140 mm
height	180 mm
width	62 mm
weight	0.50 kg
weight with accessories and bag	0.95 kg

NON-STANDARD CALIBER
WEAPONS
MEDIUM CALIBER GUNS

NON-STANDARD CALIBER
WEAPONS
ROCKET-PROPELLED
GRENADE LAUNCHER

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PARAMETERS RPG-7

calibre	40 mm
muzzle velocity	85 m/s
initial velocity	120 m/s
effective firing range (target up to 2 m)	330 m
maximum firing range	500 m
combat rate of fire	4 – 6 rpm
flight time to self-destruction	4 - 5 s
barrel length	950 mm
weight with optical sight	6.3 kg



AMMUNITION

EXCALIBUR ARMY offers a range of ammunition types. Our ammunition supply features a wide range of cartridges from 5.56 to 155 mm calibre, grenades and mortar mines. Our wide selection of calibres allows us to cater to the varying requirements of a range of military units, ensuring that they have access to the best equipment to meet their operational needs.



SMALL ARMS AMMUNITION

AMMUNITION FOR GRENADE LAUNCHERS

MORTAR ROUNDS

ARTILLERY AMMUNITION

TANK AMMUNITION



SMALL ARMS CALIBER

The ammunition is available in a variety of bullet types, including Full Metal Jacket (FMJ) for target shooting, Hollow Point (HP) for self-defence and specialty bullets for specific purposes such as armour piercing or frangible bullets.



19x9 mm FMC 8G

NATO BALL FMJ 62

19x9 mm APC 103

NATO STANDARD

9x19 mm

TYPE	WEIGHT	MUZZLE VELOCITY
NATO BALL FMJ 115	115 gr	400 m/s
FMJ 124	124 gr	390 m/s
APC 103	103 gr	430 m/s
FMJTCSP 100	100 gr	415 m/s

5,56x45 mm

NATO BALL FMJ 62	62 gr	900 m/s
NATO TRACER 62	62 gr	900 m/s
APC 57	57 gr	960 m/s
BALL FMJ 55	55 gr	980 m/s
FRG 45	45 gr	960 m/s



300 AAC Blackout FRG 110

5,56x45 mm BLANK

7,62x51 mm NATO TRACER FMJ 140

.300 BLACKOUT

TYPE	WEIGHT	MUZZLE VELOCITY
SOLID	110 gr	680 m/s
FMC 147	147 gr	580 m/s
SUBSONIC HPBT	220 gr	315 m/s
FRG	110 gr	680 m/s
HP	125 gr	980 m/s

.338 LAPUA MAG.

FMJ	250 gr	905 m/s
HPBT	285 gr	840 m/s
MPBT	300 gr	820 m/s

7,62x51 mm

NATO TRACER FMJ	140 gr	800 m/s
NATO BALL FMC	147 gr	810 m/s
F-AIR	110 gr	850 m/s
FRG	110 gr	870 m/s

NON-STANDARD

7,62 X 39 mm

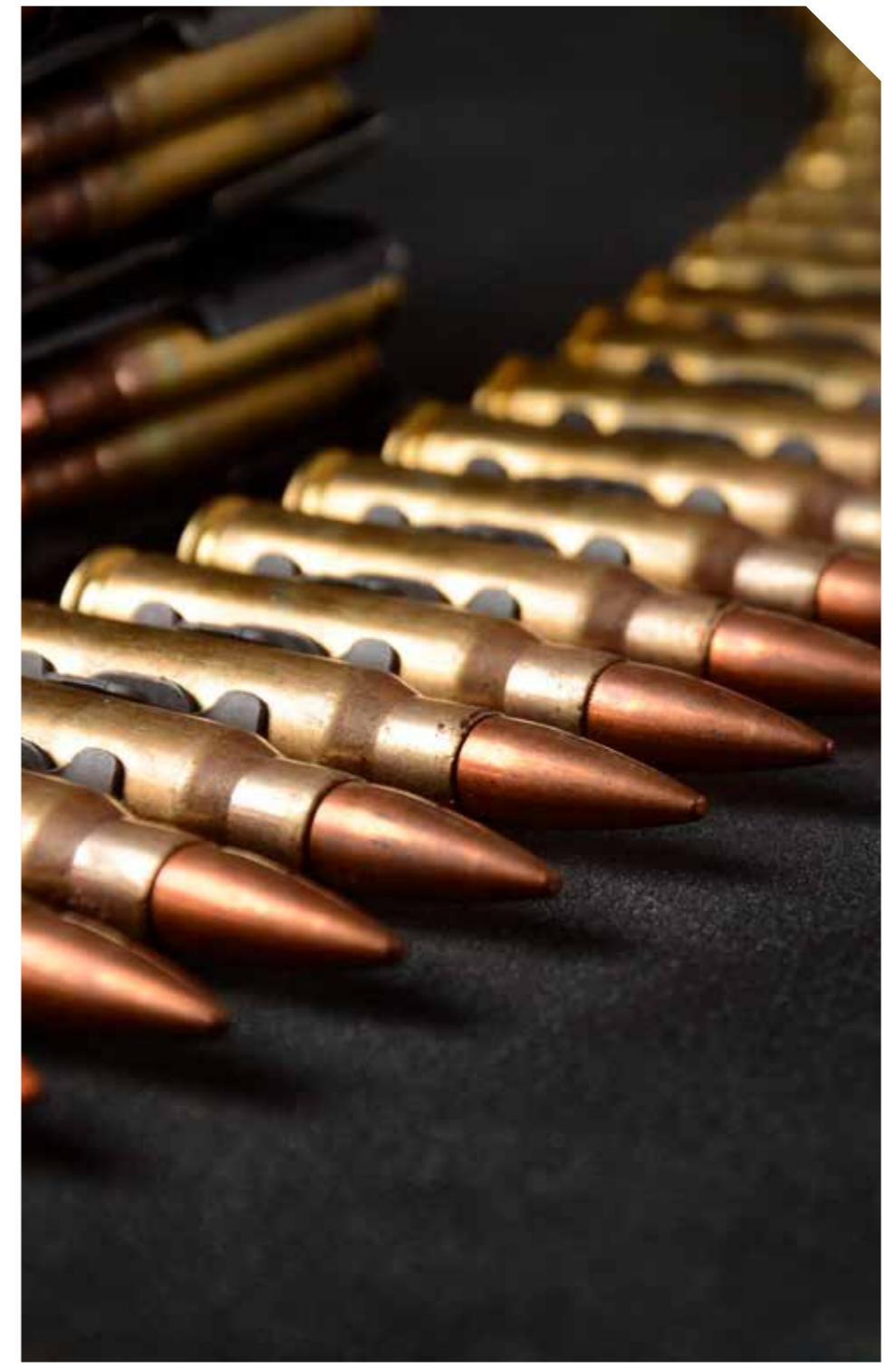
AP	123 gr	710 m/s
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7,62 X 54R mm

BALL	170 gr	785 m/s
TRACER	149 gr	810 m/s
API	159 gr	830 m/s

12,7 X 108 mm

BALL	740 gr	815 m/s
B-32 API	740 gr	815 m/s
AP	740 gr	815 m/s
TRACER	679 gr	825 m/s





AMMUNITION FOR GRENADE LAUNCHERS

NON-STANDARD CALIBER WEAPONS AMMO FOR GRENADE LAUNCHERS



30 mm VOG-17M



40 mm VOG-25



40 mm VOG-25P



40 mm HE-SD



40 mm HEDP-SD

PARAMETERS	VOG-17M	AR-25 VOG25	AR-25P VOG-25	HE-SD	HEDP-SD
calibre	30 mm	40 mm	40 mm	40x46 mm	
max. effective range	1,700m	400m	400m	400m	400m
muzzle velocity	VMG-M-L	845m/s	850m/s	845 m/s	850 m/s
fuze type	point detonating	point detonating	point detonating, air burst	point detonating, self destruction	point detonating, self destruction



NON-STANDARD CALIBER WEAPONS AMMO FOR GRENADE LAUNCHERS



40x53 mm HE-SD



40x53 mm HEDP-SD

PARAMETERS	HE-SD	HEDP-SD
calibre	40x53mm	40x53mm
max. effective range	2,200m	2,200m
muzzle velocity	237m/s	237m/s
fuze type	Point Detonating with Self Destruction	Point Initiating Base Detonating with Self Destruction



MORTAR ROUNDS

60 mm, 81 mm, 98 mm, 120 mm mortar munitions are designed to be fired by self-produced mortar launcher of mentioned caliber and are used against infantry and lightly armoured targets.



AMMUNITION
MORTAR ROUNDS



ARTILLERY AMMUNITION

Artillery is vital to the effectiveness of modern military operations and the quality of artillery ammunition is paramount for achieving favourable outcomes on the battlefield.

Our range of available artillery ammunition in 105, 122, 152 and 155 mm calibres provide artillery units with superior equipment to effectively support ground troops and accomplish strategic goals.



AMMUNITION
ARTILLERY AMMUNITION

60 mm CALIBRE



81, 98, 120 mm CALIBRE



155 mm CALIBRE



152 mm CALIBRE



105 mm CALIBRE





TANK AMMUNITION

Our tank ammunition, available in 100, 105, 120 and 125 mm calibre options, boasts exceptional strength and unwavering effectiveness.

100 mm CALIBRE



HE

105 mm CALIBRE



APFSDS



HEAT



HE



APFSDS PRACTISE



HEAT PRACTISE

120 mm CALIBRE



APFSD



HEAT



HEAT



HE-T



APFSDS

125 mm CALIBRE



HE



APFSDS-T



ECV



HE-PRACTICE



HEAT-T



HEAT-T



A composite image featuring two scenes. The left scene shows two soldiers in camouflage gear standing in a field with a forest in the background; one soldier is holding a rifle. The right scene shows a large military tank moving through tall, golden-brown grass, kicking up dust. The overall lighting is warm and golden, suggesting late afternoon or early morning.

**PROTECT
YOUR WORLD**

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