



EXCALIBUR ARMY

GUNS
AND AMMUNITION

www.excaliburarmy.cz



EXCALIBUR
ARMY

GUNS AND AMMUNITION



EXCALIBUR ARMY provides a range of weapons and ammunition for vehicle, craft, portable and handheld use.

Weapons we offer are main tank guns, machine guns, mortars, grenade launchers, rifles and hand guns. Our priority is to supply high quality and reliable arms.

Our ammunition supply features a wide range of cartridges from 5.56 to 155 mm calibre, grenades and mortar mines.

GUNS AND AMMUNITION

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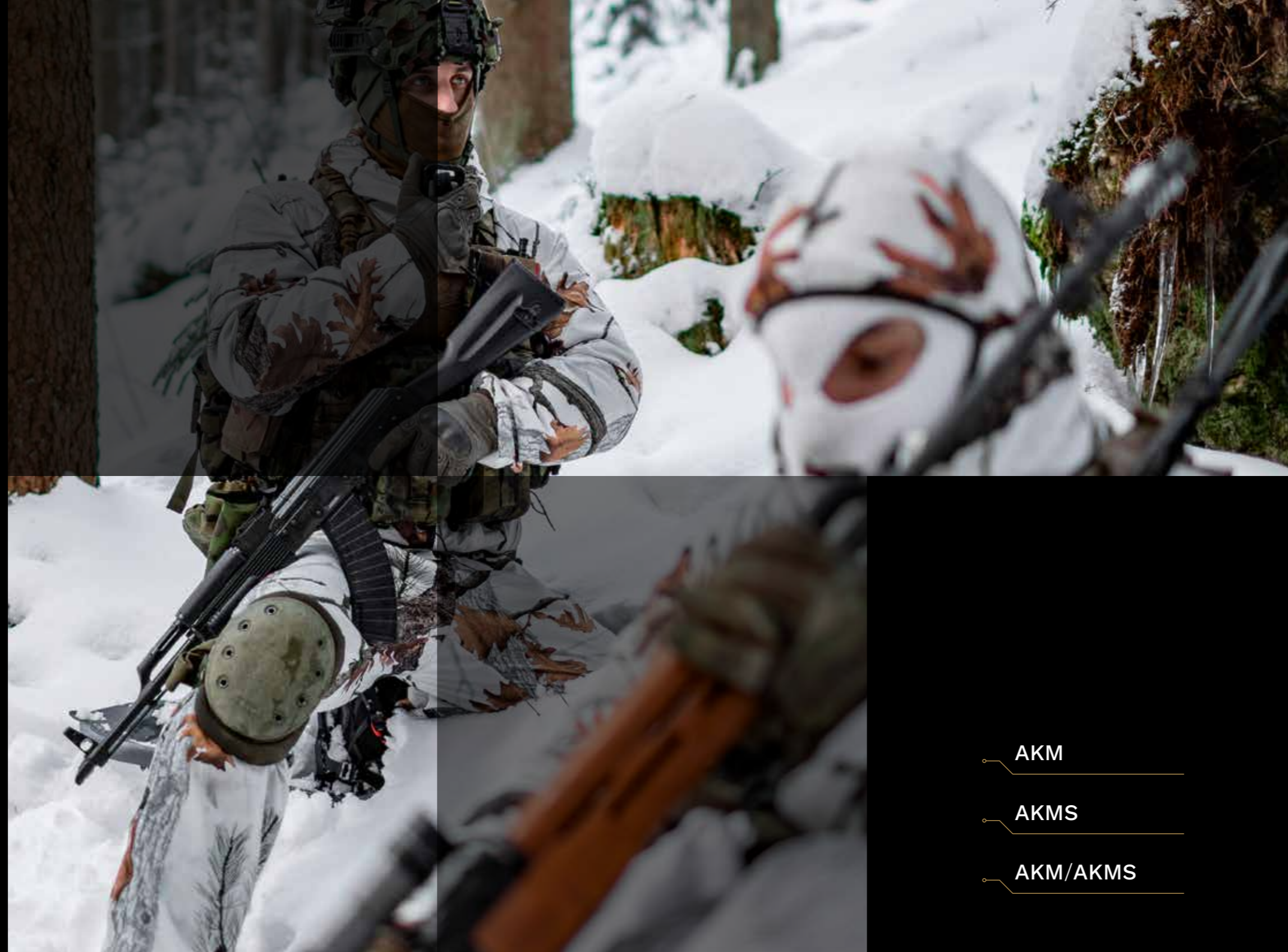
- ASSAULT RIFLES
- ACCESSORIES
- MACHINE GUNS
- HEAVY MACHINE GUNS
- MEDIUM CALIBRE GUNS
- LARGE CALIBRE GUNS
- AMMUNITION

ASSAULT RIFLES

AKM FAMILY

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

AKMS

AKM/AKMS



AKM FAMILY



AKM



AKM

polymer grips



AKMS

wooden grips



AKMS

polymer grips



AKM

polymer grips



AKMS

wooden grips



AKMS

polymer grips



AKMS

KeyMod rail



AKM/AKMS
CUSTOMIZABLE CONFIGURATION

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

OPTIONAL ACCESSORIES

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

PARAMETERS	AKM (wooden series)	AKMS (wooden series)	AKM (polymer series)	AKMS (polymer series)
calibre	7.62	7.62	7.62	7.62
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
sighting range	1,000m	1,000m	100 – 1000m	100 – 1000m
weight of the gun	3.15kg	3.35kg	3.1kg	3.3kg

ASSAULT RIFLES

AR FAMILY

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.



AR-10.5

AR-14.5

AR-16

AR-18

AR-CLASSIC



AR FAMILY



AR-18



AR-10.5



AR-14.5



AR-16



AR-CLASSIC

OPTIONAL ACCESSORIES

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

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

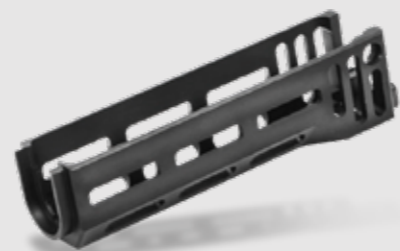
ACCESSORIES

WE offer a range of accessories for both AKM and AR assault rifle models.



AK MAGAZINE

calibre	7.62 × 39mm
capacity	30 rounds
weight	180g / 360g
material	polymer / steel



AK M-LOK HANDGUARD

system	M-LOK
fits	AKM, Sporter S/M, Hellpup S/M
weight	~ 100g
material	aluminium 6061



AK BAYONET 6H4

fits	AK/AKMS
weight	550g
material	stainless steel
condition	surplus, includes sheath



AR15 STEEL MAGAZINE

calibre	5.56 × 45mm
capacity	30 rounds
weight	221g
material	steel



AR15 STOCK (MILSPEC)

tube	M-LOK
weight	26.5g
material	polymer, rubber

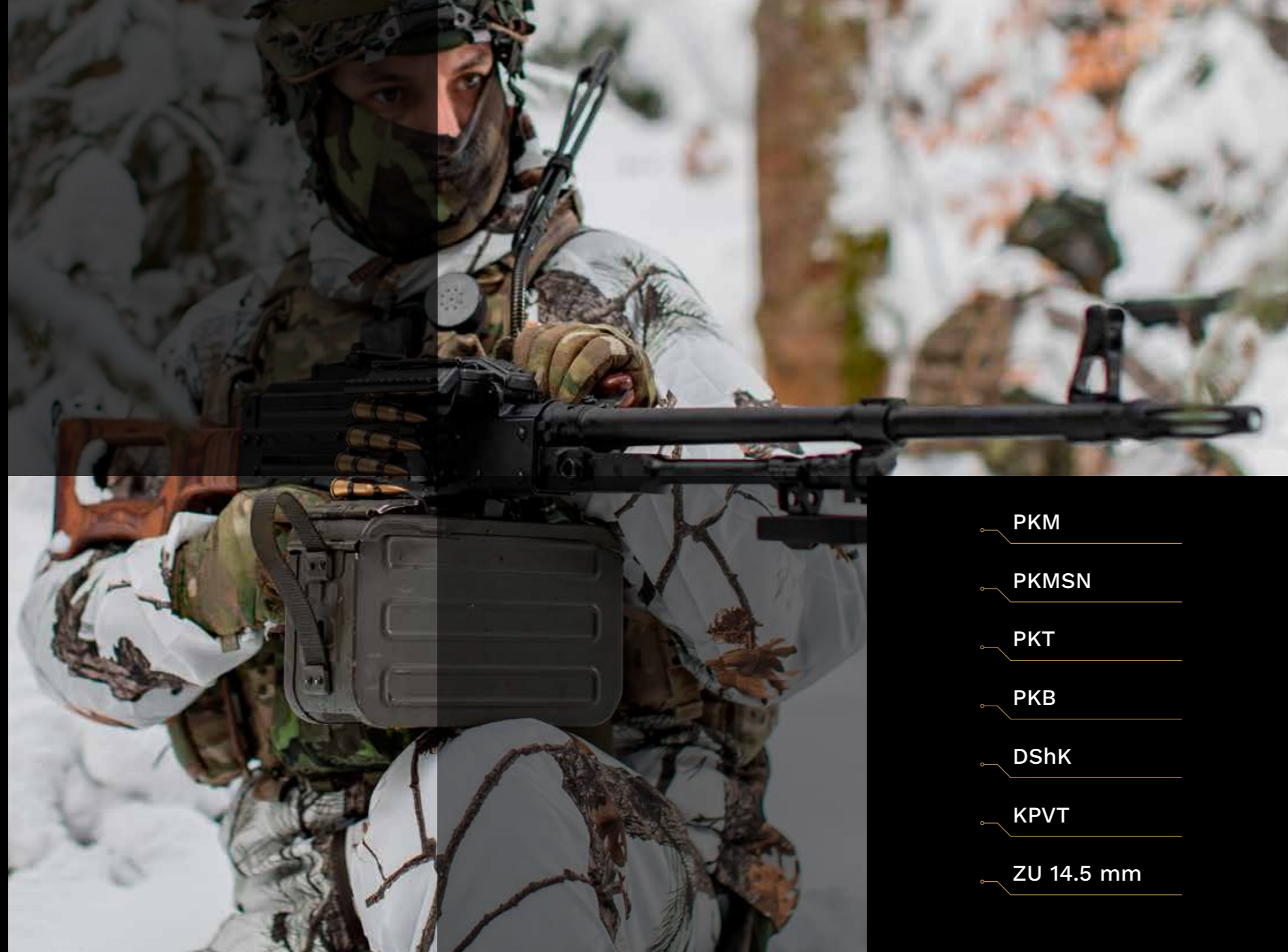


AR15 HANDGUARD

system	M-LOK i Picatinny (MilSpec 1913)
length	10", 13.5", 15"
weight	~ 300g
material	aluminium 6061
notes	includes barrel nut



MACHINE GUNS



PKM

PKMSN

PKT

PKB

DShK

KPVT

ZU 14.5 mm





PKM



PKMSN



PKT



PKB



PARAMETERS	PKM/PKT/PKB/PKS	PKMSN
calibre	7.62mm	7.62mm
gun length	1,100mm	1,173mm
rate of fire - maximum	700-800rpm	650rpm
muzzle velocity	830m/s	825m/s
maximum range	3,800m	3,800m
effective range against ground targets	1,000m	1,000m
weight	7.5 / 10.5 / 9kg	9kg



DShK



KPVT

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



ZU 14.5 mm

HEAVY MACHINE GUN



2/4 BARREL CONFIGURATION

PARAMETERS	ZU-2	ZU-4
weight	660kg	1,360kg
dimensions		
	L	3,870 mm
	W	1,665 mm
	H	1,100 mm
mobility	top speed - on road	60 km/h
ammunition	14.5mm	14.5mm

MEDIUM CALIBRE GUNS



CZ30 30 mm

ANTOS 60 mm

2A28 73 mm



CZ30 30 mm

30 mm automatic cannon is suitable for infantry fighting vehicles and armoured personnel carriers such as BMP, but it can be fitted on helicopters, too. It is designed to engage lightly armoured targets, PTRS sets, enemy infantry or aircraft operating at low altitudes.

CZ30 is equipped with recoil damping system and is favoured for its reliability and long life cycle.

SPECIFIC PARAMETERS	
gun calibre	30 mm
firing range	10,300 m
effective range – armoured targets	1,500 m
effective range – aircraft targets	2,500 m
effective range – ground targets	4,000 m
rate of fire – standard	550 rpm
rate of fire – low	200-300 rpm
muzzle velocity	960 m/s



30x165 mm

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 rounds/min
flight time to self-destruction	4 - 5 s
barrel length	950 mm
weight with optical sight	6.3 kg

PARAMETERS	
weight	116.5 kg
gun length	3,027 mm
ammunition	AP-T
	HE
	HEI
	HE-T
	HETP-T

PARAMETERS	OPTICAL SIGHT PGO-7
magnification	2.7 x
field of view	13°
diameter of output pupil	4.5 mm
distance of output pupil	27 mm
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
Boresighting range:	
– elevation	±0-08 dc
– azimuth	±0-08 dc
sight length with eyepiece (?)	140 mm
sight height	180 mm
sight width	62 mm
sight weight	0.50 kg
sight weight with accessories and bag	0.95 kg



ANTOS 60 mm

The ultra-light weapon version for commandos and special-ops.



Both available ANTOS 60 mm models are designed for immediate ground units fire power enhancement and special ops missions. Light, portable, with variable charges – ANTOS-LR model allows a single trooper to cover a distance from 120 up to almost 3100 m with a range of NATO standard 60 mm incendiary or fragmentation explosive, smoke or IR illumination bombs.

An ultra-light commando version is available for unprecedented and secured mobility and close combat.

PARAMETERS	ANTOS-LR	ANTOS
weight		15.9 kg
	with accessories	43 kg
dimensions	barrel length	1,000 mm
		650 mm
mobility	portable	portable, trigger firing mode available
ammunition	60 mm	HEI - high explosive incendiary
		HEF - high explosive fragmentation
		ILL - illuminating
		ILL-IR - illuminating infrared
		SMK - smoke effect
	JUMP - dummy training bomb	

2A28 73 mm / GROM



Compact and effective weapon, the 2A28 73 mm cannon provides a main combat means for BMP vehicles since 1970s.

Designed to fight against armoured vehicles, structures and to eliminate firing posts in open terrain and urban areas.

PARAMETERS	
weight	115 kg
gun length	2,180 mm
ammunition	PG-15V HEAT
	OG-15V HE
SPECIFIC PARAMETERS	
gun calibre	73 mm
firing range	5,000 m
effective range – PG-15V	1,300 m
effective range – OG-15V	4,400 m
rate of fire – standard	5-6 rpm

LARGE CALIBRE GUNS

M-46 130 mm



PARAMETERS

weight		7,700 kg
dimensions	L	11,730 mm
	W	2,450 mm
	H	2,550 mm
mobility	top speed - on road	50 km/h
ammunition	130 mm	HE - high explosive
		ILL - illuminating
		SMK - smoke

The **M-46 M1954 130mm** is towed artillery field gun that was developed from a **M-36** naval gun and has been produced in Russia since 1950s.

The 52 calibre barrel is mounted on a split-trail carriage that provides stability when firing. Shield provides cover against muzzle blast and machine gun and small arms fire. The gun is manually loaded with separate loading charge and projectiles.

The **M-46** is still an integral part of artillery in many countries across Middle East, Africa and Asia.

SPECIFIC PARAMETERS

calibre	130 mm
firing range	27,150 m (38,000 m assisted)
elevation	-2.5°/45°
rate of fire - maximum	8 rpm
rate of fire - sustained	5 rpm

2A46 125 mm

The **125 mm main gun** is an integral part of all Soviet and Russian tanks starting with **T-72** model. It was designed for destruction of enemy armoured combat vehicles, equipment and structures.

PARAMETERS

weight	2,400 kg
gun length	6,381 mm
ammunition	HE
	HEAT
	APFSDS

SPECIFIC PARAMETERS

calibre	125 mm
firing range	5,000 m
effective range - armoured targets	1,000-3,100 m
effective range - ground targets	5,000 m
rate of fire - standard	8 rpm
rate of fire - manual loading	2 rpm
muzzle velocity	900-1,785 m/s



M-46 130 mm

2A46 125 mm

AMMUNITION

SMALL, MEDIUM AND LARGE CALIBRE AMMUNITION

EXCALIBUR ARMY delivers a range of original munition for small hand guns, rifles, machine guns, mortars as well as for large arms such as tank guns or artillery systems.

We offer a variety ammo types – standard, armour piercing, high explosive, incendiary, smoke, illuminating and dummy mines or blank cartridges for practice and weapon testing.

LARGE CALIBRE AMMUNITION	TYPE	DESIGNATION	WEAPONS
100mm	cartridge	HE, HEAT, APFSDS	T-54/55, 100 mm cannon
100mm MT-12	cartridge	HE, HEAT, APFSDS	MT-12 cannon
122mm	cartridge	HE, HEAT	D30, ShK 2S1 Gvozdika
122mm	cartridge	HE	vz. 38/36, vz. 30/78
125mm	cartridge	HE, HEAT, APFSDS, practice	T-72, T-80
152mm	cartridge	HE, HEAT	D-20, ShKH vz. 77 DANA, 2S3 AKACIA
155mm	cartridge	HEAT, practice	NATO 155 mm artillery systems
LARGE CALIBRE AMMUNITION - ROCKETS	TYPE	DESIGNATION	WEAPONS
122mm	cartridge	HE-F	RM-70, BM-21
SMALL CALIBRE AMMUNITION	TYPE	DESIGNATION	WEAPONS
5.56 × 45 NATO	cartridge	standard	assault rifles
7.62 × 39	cartridge	standard, AP-T, AP, practice	assault rifles (AK-47, SA-58 etc.)
7.62 × 54R	cartridge	standard	machine guns (PKM, PKT, UK-59)
MEDIUM CALIBRE AMMUNITION	TYPE	DESIGNATION	WEAPONS
12.7 × 108mm	cartridge	API	DShK, NSV
14.5 × 114mm	cartridge	API, HEI	KPVT
23 × 152mm	cartridge	API-T, HE-I-T	ZU-23, ZSU-23
30mm × 165mm	cartridge	HE-I, AP-T	2A42 (BMP-2)
30mm VOG-17	grenade	HE	AGS
PG-7	cartridge	HEAT	RPG-7
MEDIUM CALIBRE AMMUNITION - PG	TYPE	DESIGNATION	WEAPONS
73mm PG-15 V	grenade	HEAT	2A28 (BMP-1)
73mm OG-15 V	grenade	HE	2A28 (BMP-1)
RPG-75 M	grenade	HE	self
MORTAR MINES	TYPE	DESIGNATION	WEAPONS
82mm	mortar mine	HE	mortars
120mm	mortar mine	HE	mortars

PROTECT YOUR WORLD



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