



**MILITARY
AMMUNITION &
PYROTECHNICS**

87 YEARS OF EXPERIENCE IN ARMAMENTS PRODUCTION

ZEVETA AMMUNITION a.s. is a major European armaments company. It supplies its products to the military, security and civil sectors worldwide. Zeveta invests into human capital and modern industrial technologies so that it can offer high-quality reliable products.

- Tradition, experience and quality
- In-house development and design
- Special testing laboratory
- Quality system based on Czech Defence Standard (ČOS) 051672 (AQAP 2110)



OFFENSIVE AND DEFENSIVE GRENADES

FOR MAXIMUM EFFECTIVENESS

The HG-22/3.5 infantry hand grenade is produced in three basic variants and can be further modified at the customer's demand. Plastic shell with ridges for an optimal grip.

- 100% Czech made
- A new, modern design
- An igniter with a flexible delay



HGO-22/3.5 offensive hand grenade

This is a hand-thrown infantry grenade designed for use during offensive operations in urban terrain. The grenade's body contains an explosive charge. When the grenade explodes, it produces overpressure and an impact wave.



HGF-22/3.5 fragmentation hand grenade

This is a hand-thrown infantry grenade made for use during offensive operations against soft targets. The grenade's body contains an explosive charge, which is surrounded by small steel balls. When the grenade explodes, it produces overpressure and a shock wave; these are combined with the effect of small steel balls acting as shrapnel.



HGT-22/3.5 thermobaric hand grenade

This is a hand-thrown infantry grenade with an increased pressure effect and thermal effect, designed for use during offensive operations in urban terrain. This grenade's body contains a thermobaric explosive charge that produces a thermal/pressure wave in the affected space.



REACTIVE ANTI-TANK GRENADE

RPG-75

The RPG-75 is a hand-carried single-use recoilless weapon with a built-in grenade. This weapon has a telescopic arrangement; its length is 630 mm in its transport position and is 890 mm in its combat position.



RPG-75 M

This is a single-use weapon with a built-in cumulative grenade. The weapon is made for destroying tanks and other armoured vehicles. The RPG-75 M has a cumulative effect on homogeneous armour plating of at least thickness 300 mm at an effective range of 300 m.



68mm RTG

This is a weapon with a built-in grenade containing thermobaric explosives. The grenade has an incomparably increased incendiary and blinding effect. The massive pressure wave it produces strongly disrupts buildings' internal spaces, and along with the subsequent underpressure, the wave can liquidate soft targets inside a enclosed.



RPG-75 MP

This single-use weapon has a built-in grenade with a combined cumulative and thermobaric effect. It is designed for destroying armoured vehicles (cumulative effect), fortified and reinforced targets (cumulative and thermobaric effect) and live enemy forces (thermobaric effect).

Specifications:

calibre	68 mm
effective range	max. 300 m
supported temperature range	-40 °C to +50 °C
cartridge case diameter	99 mm
overall weight of the RPG-75	3.2 kg
weight of transport case	34 kg / 6 units
auto-destruction	3 ÷ 6 s
initial projectile speed	189 m/s



SMOKE PROTECTION

PROTECTIVE SMOKE PROGRAM FOR COMBAT EQUIPMENT

Smoke grenades are used for fast protection of tanks and other armoured vehicles, mobile and stationary objects of special importance from high-precision-aimed weapons and from reconnaissance/fire systems that use the visible and infrared portions of the electromagnetic spectrum, in all annual conditions in the temperate climate zone.



DGO-1 and DGO-3 smoke grenades

The smoke grenade is comprised of an aluminum body stoppered with a rubber cap. The grenade is made up of a container containing a mix for producing a primary cloud and pellets that produce a secondary screen after initiation. Both the container and the pellets are ejected from the casing using a propellant charge, which is initiated by an electric primer.

Specifications:	DGO-1	DGO-3
Calibre	81 mm	81 mm
Length	450 mm	350 mm
Weight	3250 g	2450 g
Smoke-producing substance type	pyrotechnic	pyrotechnic
Time until smokescreen creation	within 3 seconds	within 3 seconds
Time until smokescreen dissipation	min. 30 seconds	min. 30 seconds
Masking in the wavelength range of Characteristics of smokescreen from smoke grenade	(0.4 to 14) μm	(0.4 to 14) μm
Width	(20–35) m	(20–35) m
Height	min. 20 m	min. 20 m





AIRCRAFT PROTECTION

FLARE DECOY TARGETS

These tools are used for creating a decoy target, towards which a flying anti-air rocket with an internal infrared guidance system is then misdirected.



MJU 7 A/B CZ and M 206 CZ FLARE DECOY TARGETS

This is the standard NATO type of flare decoy target, in which the product consists of an aluminum cartridge. The projectile includes a pyrotechnic generator with a set wavelength and with a built-in ignition system. The orifice of the cartridge is covered by a cap. Initiation takes place via a primer placed into the bottom of the cartridge case.



PPI-26 IV CS FLARE DECOY TARGET

This product is made up of an aluminium cartridge case with a circular cross-section and a head. An igniter is embedded into the bottom of the cartridge case. A pyrotechnic generator is inside the projectile. The cartridges are watertight. They are fired from ASO-2 or ASO-2V rocket launchers mounted on helicopters or other aircraft.



Specifications: M 206 CZ MJU 7 A/B CZ PPI-26 IV CS

calibre	1 x 1"	1 x 2"	26.5 mm
length	8"	8"	86.5 mm

PERSONAL PROTECTION

SPECIAL-PURPOSE EXPLOSIVES AND TEAR GAS GRENADES

These are complete products made for immediate use during operational responses by armed forces and for the training of security forces.



FBG

The FBG special-purpose explosive device consists of an aluminum body into which a lever based igniter is screwed and the pyrotechnic mixture is sealed. After it leaves the user's hand, the lever is released from the igniter, and the firing mechanism activates the primer. Igniting the explosive mixture results in a blast connected with a flash. The entire explosive process takes place inside the device's body, without any shrapnel flying out of it. These devices are produced in 1-, 2-, 3- and 9-shot versions.



RGSL

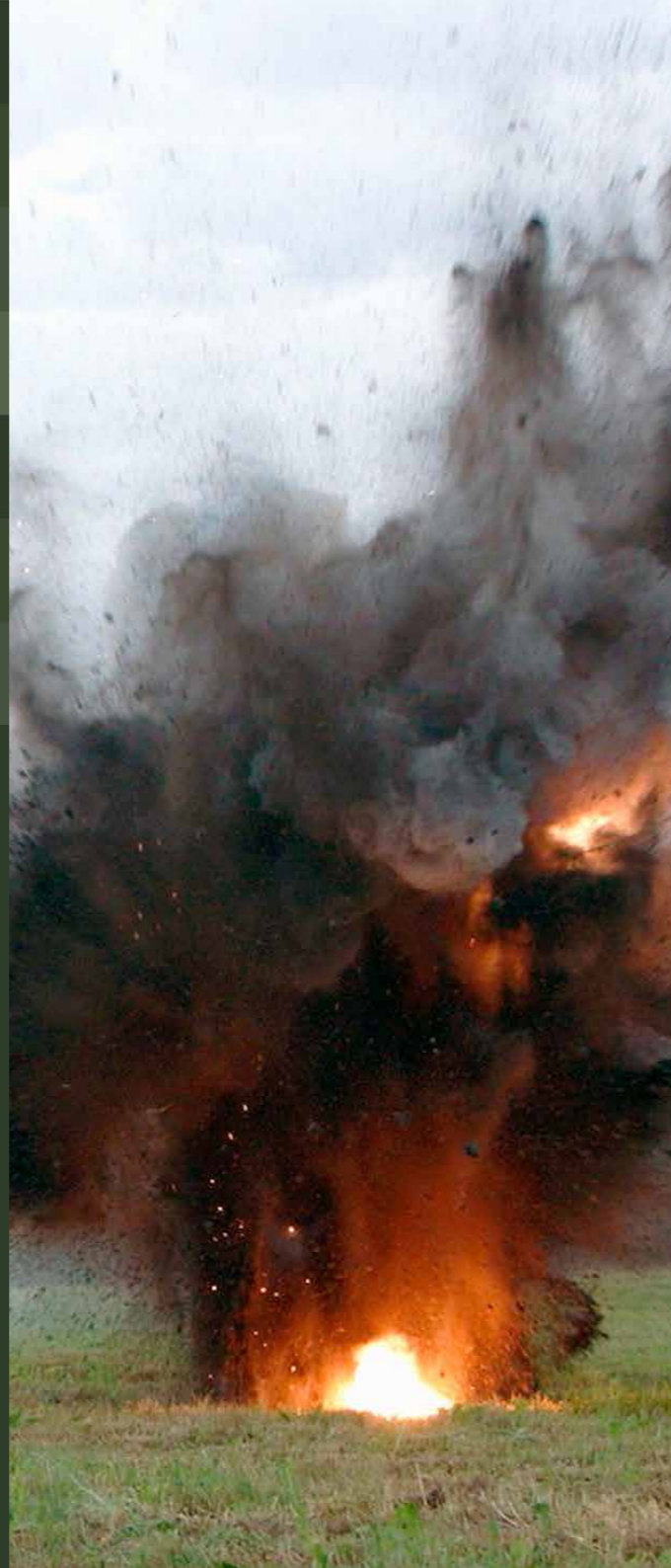
Tear-gas grenades are used for special purposes by armed forces and for the training of security forces. This grenade contains smoke and tear-gas capsules that generate tear-producing gas after initiation



IMITATION MILITARY AMMUNITION

EXPLOSIVE DEVICES

This product can be used to imitate the landing or firing of artillery ammunition or imitate the explosion of a charge or engineering mines.



V 100-B, V 30-B, V 5-B explosives

These explosive devices are a pyrotechnic simulation device made for training. They are used to create an intense flash of light, an acoustic effect and smoke of a desired colour. They consist of a plastic body in which the required amount of loose pyrotechnic mixture is hermetically sealed to achieve the desired effect. They are initiated by an electric igniter.

Specifications:

	V 100-B	V 30-B	V 5-B
total height	164 mm	126 mm	100 mm
diameter	105-111 mm	75 mm	42 mm
overall weight	980 g	370 g	85 g
weight of pyrotechnic component	750 g	251 g	50 g



SIGNALLING DEVICES

SMOKE DEVICES AND SIGNAL LIGHTS

These products are designed for use by security forces of all kinds. They are made for producing a coloured effect for use in signalling and communication.



DG-50 smoke grenades

The smoke grenade comprises an aluminum body with a smoke generator placed inside it. It is initiated by a lever-based igniter installed into the middle of its plastic lid. The DG-50 generates smoke of a desired colour for a desired period of time.



DA-25 smoke grenade

This small smoke grenade is comprised of a metal body with a smoke generator placed inside it. Its casing is closed with a plastic lid and is sealed. Its plastic cap is furnished with a groove and an M12 thread for screwing on a mechanical (friction-based) or electrical igniter.



PS-25 ground flares

Ground flares serve as technical pyrotechnics for both daytime and night signalling and communication. Our PS flares each burn in a specified colour.





VS-4 launched flares

The VS-4 launched flares are designed for training and signalling purposes. After activation by a suitable initiator, coloured flares are fired from the source up to a height of min. 20 m.



26.5 mm signalling cartridges

Signalling cartridges are designed to serve as pyrotechnic objects for firing from a signalling pistol. The signalling cartridges are designed to produce a sound or light effect.



CERTIFICATIONS



The ISO 9001 quality system and the ČOS 051672 (AQAP 2110) Czech defence standard.



NATO regulations – armament production that is compatible with NATO regulations.



A testing laboratory for safety and reliability testing of the manufactured products.



ZEVETA AMMUNITION a.s.
Special weapons manufacturing

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