

**Special Purpose 40 mm munitions by B&T**

B&T provides a wide range of 40 mm munitions that includes the popular SIR (Safe Impact Round), SIR-X (Safe Impact Round - extended range), dye marking, impact CS, impact OC, rubber shot, muzzle blast OC, ballistic smoke, ballistic CS and muzzle blast CS (left to right).

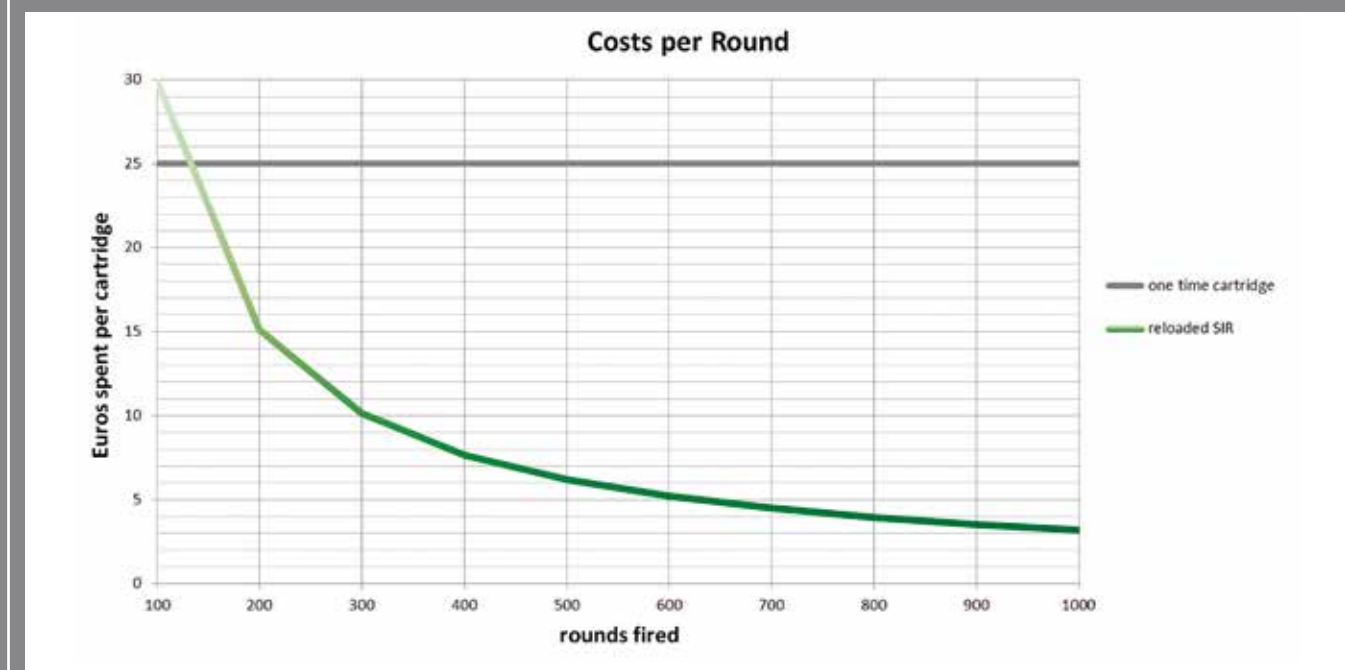


**Cost Effective Training System**

Training will make the difference between having a successful mission or a disaster. This is just as true with less lethal systems as with any other type of weapons used by professionals. The trouble with most other 40 mm systems on the market is that the ammunition costs too much to train the entire unit and thus only certain people are actually proficient. This problem is solved by the B&T reloading system. It will enable any agency or unit of any size to ensure all personnel are trained on the GL06 using SIR munitions at about 10% of what normal 40 mm training costs.

To concept is quite simple. The SIR cartridge is reloadable at least 30 times. It is actually very simple and easy to do, just recover the spent projectiles downrange, eject the propulsion cartridge using the B&T designed reloading press, reload the 40 mm cartridge with the inexpensive 9 mm blank propulsion cartridge supplied by B&T and snap the projectile back on the polymer cartridge using hand force. It is that easy and it takes less than 20 seconds per cartridge!

The cost of this reloading system will pay for itself in just a matter of less than 30 shots. The money saved after another 100 shots will pay for the GL06 Launcher! The numbers speak for themselves - it doesn't cost but it pays to use the GL06 system, launcher, SIR and reloading system.



**Accessories**

The GL06 comes, ready to be deployed, complete with a Aimpoint Micro T-1, a 1 or 2 point carrying sling and an instruction manual. To customize the GL06 for special customer needs, a variety of accessories are available.



1. Stocks – The GL06 comes with a folding, fixed-length stock (middle). The optional telescopic folding stock (top) has an additional clamp-on cheek rest to add 12 mm in case special scopes with a higher mount are used. The optional helmet stock (below) will allow to use the GL06 while properly wearing a ballistic face visor or a protective mask. Vertical Foregrips – The B&T quick detachable vertical foregrips provides the shooter with a stable shooting grip.

2. Carry Systems – As the operator never knows the exact task ahead of him, carrying a sufficient amount of ammunition is crucial. Therefore B&T offers a variety of ammunition carrying systems for the GL06. Besides a 5 and 11 round drop leg carrier there is a tactical vest holding up to 20 rounds available. A special „ready to go“ backpack containing the launcher, two 11 round carrier and a hydration bladder is also offered. The cartridges are easy to extract from all devices, resulting in a high rate of fire.

3. Reloading Press – This accessory is an absolute must when an agency facing tight budgets wants to train its operators at regular intervals but does not want to cut the number of training rounds fired. One can easily reload the SIR/SIR-X cartridge in a matter of seconds using a very inexpensive 9 mm propulsion cartridge. This brings the costs per round fired down to less than 3 Euros, making the SIR/SIR-X munition by far the most economically priced 40 mm cartridge on the market.

**Technical Specifications**

B&T order number:	BT-31000
Caliber:	40mm x 46
System:	Break-down single shot, double action only (DAO)
Barrel length [mm]:	280
Rifling:	12 grooves, right hand, 1200 mm per turn (1 in 47)
Overall length [mm]:	590 (stock unfolded) / 385 (stock folded)
Overall width [mm]:	60 (stock unfolded) / 95 (stock folded)
Overall height [mm]:	200
Weight [kg]:	2.00
Sights:	Aimpoint Micro TL, Ghost ring iron sights (sight radius 339mm), adj. in windage
Colors:	black (standard), less lethal yellow (optional), other colours on request
Interfaces:	NATO accessory rails (Picatinny) at the 12, 3, 6 and 9 o'clock position, 6 one-point-sling attachment points

All specifications are subject to change without prior notice. Data are mean values and therefore not suitable acceptance criteria.

**GL06 - 40 MM LAUNCHER**

The B&T GL06 launcher and SIR less lethal ammunition family is the state of the art in point-of-aim/point-of-impact less lethal system for public order, law enforcement and peacekeeping operations. The system will secure the human rights of protesters and the safety of the police using the product.

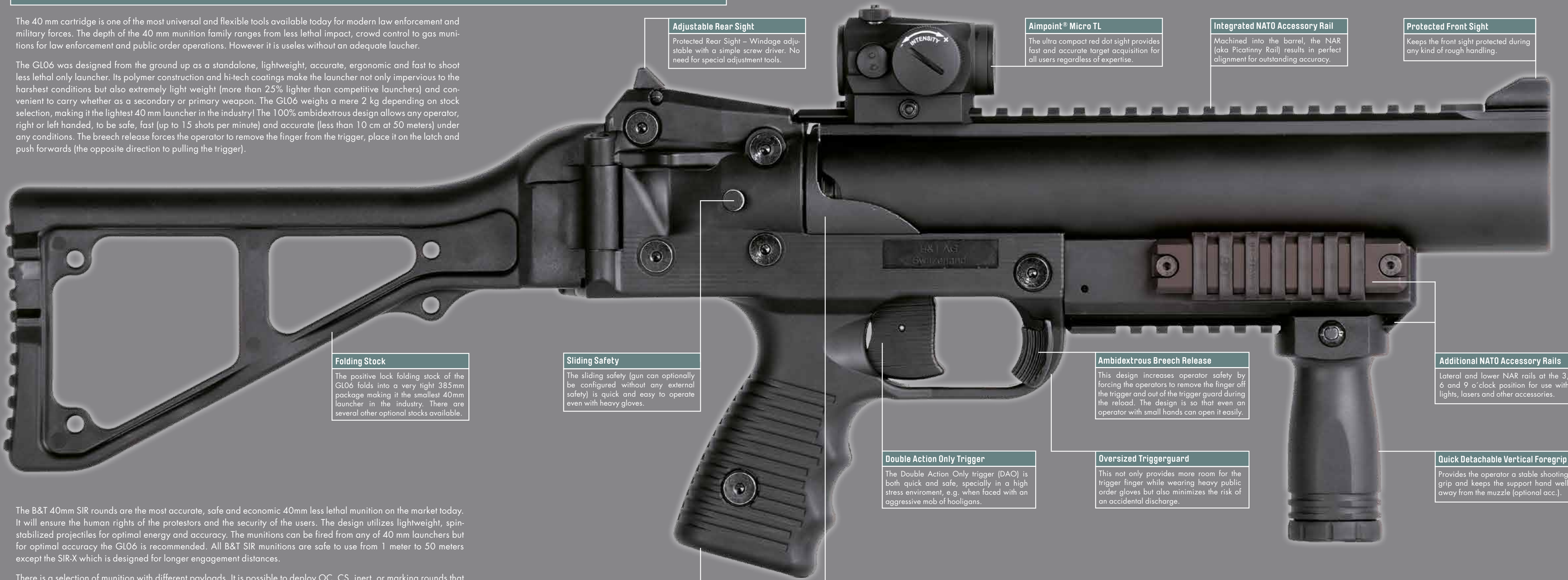


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# GL06 – 40 MM LAUNCHER SYSTEM

The 40 mm cartridge is one of the most universal and flexible tools available today for modern law enforcement and military forces. The depth of the 40 mm munition family ranges from less lethal impact, crowd control to gas munitions for law enforcement and public order operations. However it is useless without an adequate launcher.

The GL06 was designed from the ground up as a standalone, lightweight, accurate, ergonomic and fast to shoot less lethal only launcher. Its polymer construction and hi-tech coatings make the launcher not only impervious to the harshest conditions but also extremely light weight (more than 25% lighter than competitive launchers) and convenient to carry whether as a secondary or primary weapon. The GL06 weighs a mere 2 kg depending on stock selection, making it the lightest 40 mm launcher in the industry! The 100% ambidextrous design allows any operator, right or left handed, to be safe, fast (up to 15 shots per minute) and accurate (less than 10 cm at 50 meters) under any conditions. The breech release forces the operator to remove the finger from the trigger, place it on the latch and push forwards (the opposite direction to pulling the trigger).



**Adjustable Rear Sight**  
Protected Rear Sight – Windage adjustable with a simple screw driver. No need for special adjustment tools.

**Aimpoint® Micro TL**  
The ultra compact red dot sight provides fast and accurate target acquisition for all users regardless of expertise.

**Integrated NATO Accessory Rail**  
Machined into the barrel, the NAR (aka Picatinny Rail) results in perfect alignment for outstanding accuracy.

**Protected Front Sight**  
Keeps the front sight protected during any kind of rough handling.

**Folding Stock**  
The positive lock folding stock of the GL06 folds into a very tight 385mm package making it the smallest 40mm launcher in the industry. There are several other optional stocks available.

**Sliding Safety**  
The sliding safety (gun can optionally be configured without any external safety) is quick and easy to operate even with heavy gloves.

**Double Action Only Trigger**  
The Double Action Only trigger (DAO) is both quick and safe, specially in a high stress environment, e.g. when faced with an aggressive mob of hooligans.

**Ambidextrous Breech Release**  
This design increases operator safety by forcing the operators to remove the finger off the trigger and out of the trigger guard during the reload. The design is so that even an operator with small hands can open it easily.

**Oversized Triggerrguard**  
This not only provides more room for the trigger finger while wearing heavy public order gloves but also minimizes the risk of an accidental discharge.

**Additional NATO Accessory Rails**  
Lateral and lower NAR rails at the 3, 6 and 9 o'clock position for use with lights, lasers and other accessories.

**Quick Detachable Vertical Foregrip**  
Provides the operator a stable shooting grip and keeps the support hand well away from the muzzle (optional acc.).

**Pistol Grip**  
The design enables the operator to maintain control of the weapon when moving but also allows any operator with small hands to manipulate the breech release with one hand.

**Maximum User Safety**  
As the risk of mixing up and accidentally firing a high velocity 40mm military cartridge exists, the GL06 is designed to withstand the firing of such cartridges without endangering the user.

The B&T 40mm SIR rounds are the most accurate, safe and economic 40mm less lethal munition on the market today. It will ensure the human rights of the protestors and the security of the users. The design utilizes lightweight, spin-stabilized projectiles for optimal energy and accuracy. The munitions can be fired from any of 40 mm launchers but for optimal accuracy the GL06 is recommended. All B&T SIR munitions are safe to use from 1 meter to 50 meters except the SIR-X which is designed for longer engagement distances.

There is a selection of munition with different payloads. It is possible to deploy OC, CS, inert, or marking rounds that disperses upon impact with the target. The soft foam nose of the standard SIR dissipates the impact energy thus making it very safe. It will not penetrate human tissue or fracture human ribs.

The BT SIR family has been developed in the highest tradition of Swiss technical expertise and has even been tested and deemed acceptable by the University Bern, Institut für Rechtsmedizin, Zentrum Forensische Physik / Ballistik, Dr. sc. forens., Dr. med. h.c. Beat P. Kneubuehl. This means that you can be assured that the SIR is safe and effective.

Shown in actual size

