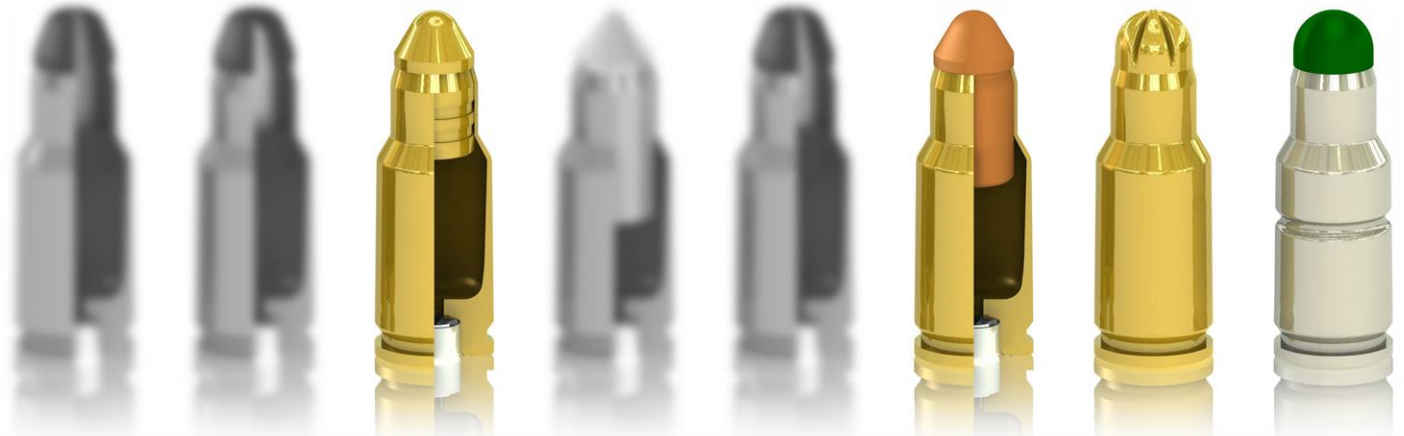


The new 6.5x25 CBJ cartridge system



The 6.5x25 CBJ is a new cartridge system developed by CBJ Tech AB of Sweden. It can be used in most weapons chambered for the 9x19 Parabellum cartridge by only changing the barrel.

The different variants of the system covers any application and offers high, and in many aspects extreme, performance in pistols, Personal Defense Weapons and short assault rifles. All variants, except Blank, can be used in the same weapon without any alterations. All variants are also lead free, which is beneficial for the environment and for the shooter, especially when shooting at indoor shooting ranges.

This presentation focuses mainly on Law Enforcement and civilian use. More information about all the variants of this cartridge system can be found on the webpage: www.cbjtech.com

Key characteristics:

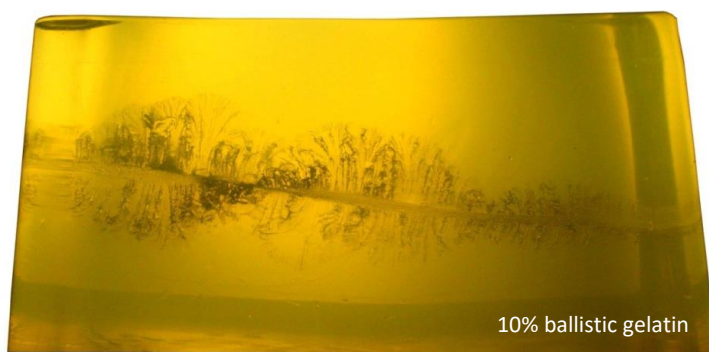
- High muzzle velocity; V_0 of 730-900 m/s depending on barrel length
- Optional penetration, from minimal with the Frangible, up to and including NIJ level 3a with the HET
- High hit probability due to low recoil and good ballistic performance within pistol and SMG ranges
- High wounding effect, with large and consistent cavities when shot in ballistic gelatin
- High system flexibility with many cartridge variants as well as the possibility to use 9x19mm, by changing barrel

6.5x25 CBJ Frangible

This cartridge has a bullet made of a mix of polymer and metal powder, which gives minimal penetration capacity of hard objects and absolutely no ricochets. It does not fragment when shot in ballistic gelatin, as can be seen in the picture below.

As a low-cost and very accurate training round for target shooting, it is effective out to 100m.

As a combat cartridge for use in very sensitive environments, it is very effective within 50m.



The Frangible will knock down plates and poppers, even with a low hit, as indicated by the arrow.





6.5x25 CBJ HET

The 6.5x25 CBJ High Energy Transfer has a full caliber brass bullet with a hollow base.

The bullet is highly effective within a range of about 50m, after which lethality is rapidly reduced. Penetration is carefully balanced, with excellent performance against glass, building materials and light body armors (NIJ Level 3a), to suit typical police applications.



Car windshield

Typical application:

All-round police bullet, used in urban environments with sensitive background. Targets are engaged at short range and have moderate levels of protection. Engagements often include vehicles.

The very good accuracy, typically 50mm target groups at 50m range, and the ability to knock down all normal types of plates and poppers makes it also very suitable for target practice and competition, just like the frangible variant.



6.5x25 CBJ Blank

This is a conventional blank cartridge developed for training purposes, such as double sided exercises etc. A blank firing device needs to be attached in order to have a fully functioning cycling.

6.5x25 CBJ Drill

This cartridge is an inert dummy cartridge intended for training purposes such as loading and unloading drills, actions during weapon malfunctions etc.



6.5x25 CBJ Ballistic Data

Cartridges	6.5x25 CBJ HET and 6.5x25 CBJ Frangible			
Barrel length, mm	120	150	200	300
V ₀ , m/s	730	780	830	900
E ₀ , J	666	760	861	1013
V ₅₀ , m/s	485	524	564	620
E ₅₀ , J	295	344	398	481
V ₁₀₀ , m/s	329	348	370	406
E ₁₀₀ , J	136	151	171	206
V ₃₀₀ , m/s	177	181	185	191
E ₃₀₀ , J	39	41	43	46