

## 7.62 Frangible Projectiles



The .30 caliber (7.62mm) Frangible projectile is a sustainable alternative to normal Full Metal Jacket projectiles with lead core for training and competition purposes, as well as combat.

It is completely lead free and manufactured by sintering of a customized metal powder mix.

It has frangible properties, *i.e.*, fragmenting when hitting hard targets like steel plates and poppers, making it very suitable for all kinds of training and competition, especially at indoor shooting ranges, where lead and ricochets are a health hazard.

It is also very suitable for military and law enforcement purposes for combat in sensitive environments where collateral damage caused by over penetration or ricochets must be minimized.

Loaded in a .30 caliber cartridge, like the 7.62x51 Nato or the .300 Blackout with heavy metal free primers gives a valid safe and non-toxic alternative for training ammunition.

Due to the sintering process, the projectiles are extremely uniform regarding dimensions and weight. This makes it possible to achieve very good accuracy.



# CBJ Tech AB

The picture to the right shows a target shot with 5 rounds at 10m range. The group diameter is 3mm center to center.

The picture below shows a typical hit pattern with 10 rounds at 100m range. The maximum group diameter is 77mm, with a horizontal spread of 70mm and a vertical spread of 62mm.

Standard deviation: Horizontal: 23,2mm - Vertical: 20,8mm

The point of impact is similar to standard 147gr FMJ ammunition – no need to re-zero the sights.



The picture below to the right shows the fragments from 10 projectiles fired at a steel plate inside a metal box, at 5m range with a G3 rifle. All fragments have a maximum allowed weight of 8% of the projectile's original weight, in this case 0,57g.



## Data:

**Caliber:** 7.84mm / 0.308"  
**Length:** 24.5mm / 0.96"  
**Weight:** 7.14g / 110 grains  
**Material type:** Sintered Metal Powder, lead free.  
**Shape:** Ogival with rounded tip.