

## 5.56x45 Frangible Projectiles



The 5.56x45 Frangible projectile was designed as a sustainable alternative to normal Full Metal Jacket projectiles with lead core. It is completely lead free and manufactured by sintering of a customized metal powder mix.

It has frangible properties, *i.e.*, fragmenting into very small pieces 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 is a health hazard and ricochets causes collateral damage och safety risks.

It is very suitable for both civilian training and competition as well as military and law enforcement purposes.

Loaded in a cartridge 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 a good accuracy.



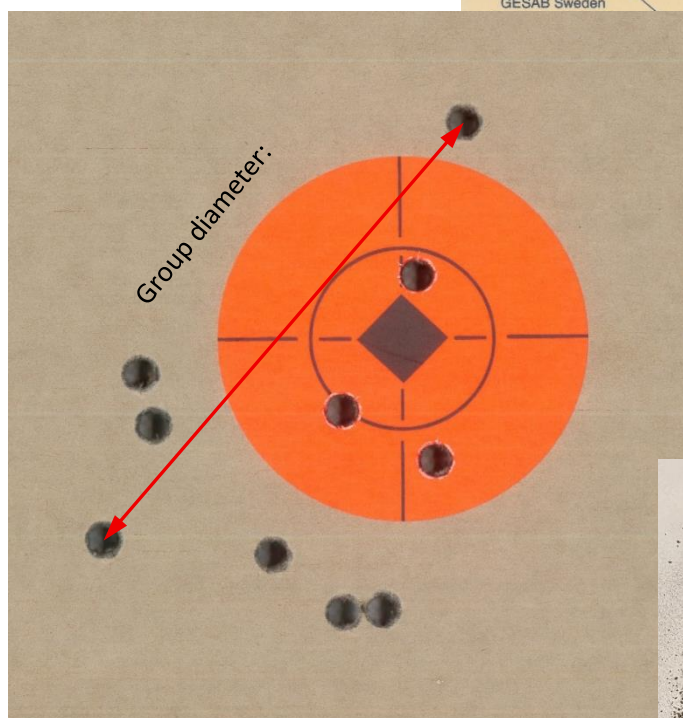
# CBJ Tech AB

The picture to the right shows a target shot with 10 rounds at 10m range. The group diameter is 6mm center to center.

The picture below shows a typical hit pattern with 10 rounds at 100m range. The maximum group diameter is 76mm, with a horizontal spread of 55mm and a vertical spread of 69mm.

Standard deviation: Horizontal: 18,1mm - Vertical: 20,7mm

The point of impact is identical to standard 55gr 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 an AR 15 rifle. All fragments have a maximum allowed weight of 8% of the projectile's original weight, in this case 0,29g.



## Data:

**Caliber:** 5.70mm / 0.223"  
**Length:** 23.40mm / 0.92"  
**Weight:** 3.6g / 55 grains  
**Material type:** Sintered Metal Powder, lead free.  
**Shape:** Ogival with rounded tip.