

Different types of Marks produced during fire process on cartridge

### 1) Firing Pin Marks

- The marks generated or developed while firing a projectile through a gun.
- Basically shots, doesn't get any sort of firing marks over it.
- Whereas bullets and cc sustain the firing marks over them.
- Firing pin impressions are indentations created when the firing pin of a firearm strikes the primer of centre fire cartridge case or the rim of a rim fire cc.

## BREECH FACE MARK

Breech face impression are obtained when a cc is fired in the gun the very heavy pressure of the gas generated inside the cartridge force the head of the cartridge back against the head of breech block which imprints the impression on the breech.

## Ejector Marks

- Ejector marks are sometimes created when cartridges or cc are ejected from the action of a firearm.
- Ejector marks can be either striated or impressed but the impressed ejector marks not only can be used to identify a cc as having passed through a firearm's action they can also be an indication that the cc was fired in the firearm.

## Extractor Marks

- These marks are mostly found at the extracting groove of the fired cc.

## Chamber Marks

- These marks are mostly found around the body of the fired cc cause by the irregularities of inside the walls of the chamber.