

Fuze percussion DA with cap No. 17

This fuze was used with all field and siege guns and howitzers when firing Lyddite shell and these were:

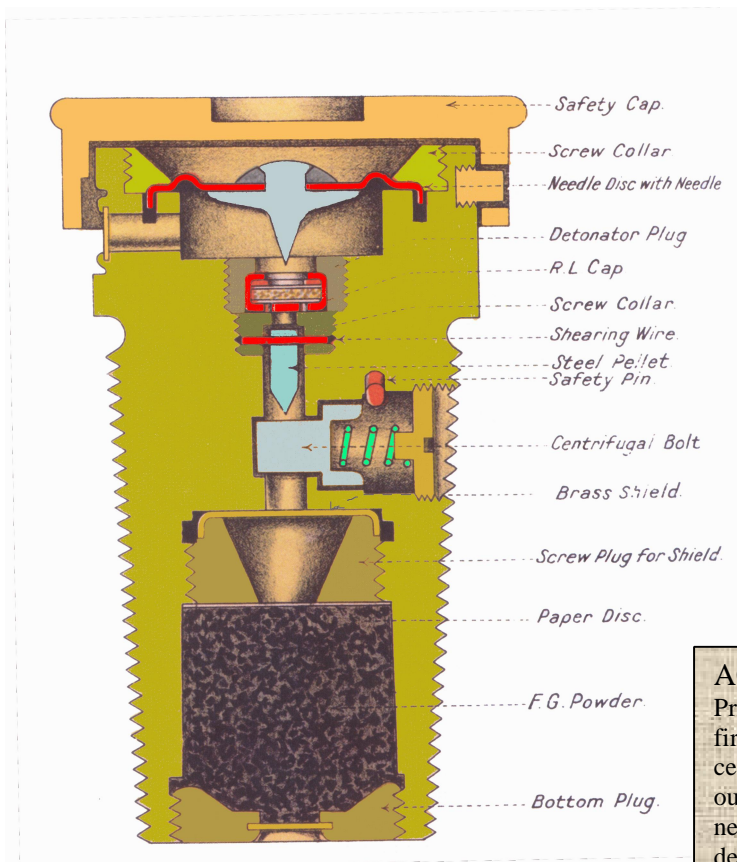
BL 2.75 inch and 60 pr.
BLC 6 inch (siege)
QF 4.7 inch (traveling carriage)
All BL and QF howitzers

The magazine in these fuzes was filled with FG gunpowder

The Mk I had a shorter needle

The Mk II fuze had two centrifugal bolts and the firing needle was of a slightly different form.

The Mk III has only one centrifugal bolt and the body of the fuze was slightly longer.



ACTION.

Prior to firing the safety pin and cap are removed. On firing nothing happens internally until acceleration has ceased and then centrifugal force causes the bolt to move outward thus clearing the fire channel. On impact the needle disc is driven onto the detonator. The resulting detonation drives the steel pellet through its shear wire and into the brass shield thus piercing it. The hole made allows the flash from the detonation to pass into magazine thus commencing the explosion of the shell