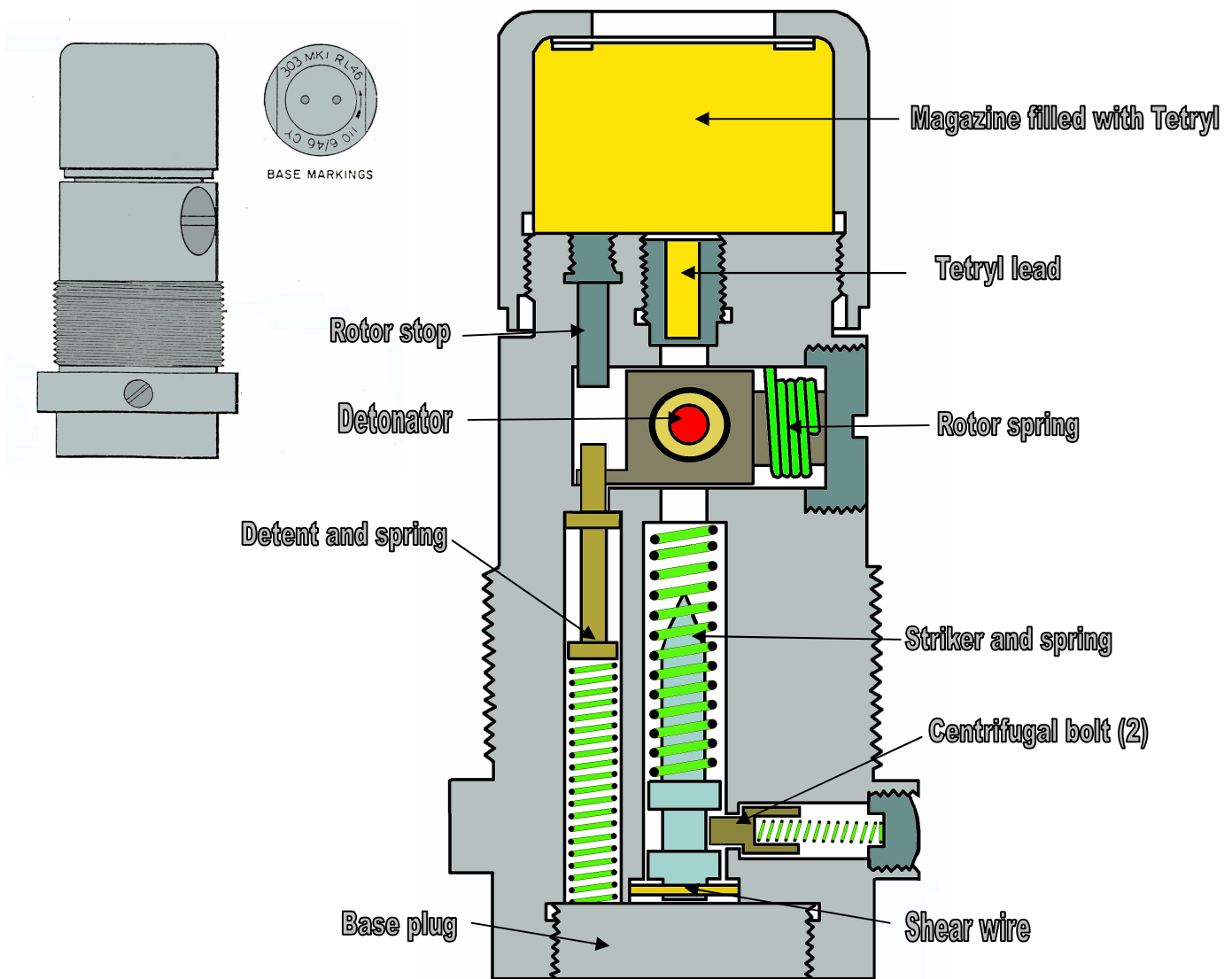


Fuze percussion base medium No. 303

This fuze was made by a company called "Broadway trust Coy" and it was designed for use in a projectile designated 6.5" AVRE HESH. These shells were used in the "Bunker busting" role and they came in two sizes, this one and its big brother the 7.5".

The 6.5" was introduced in 1946 and declared obsolete in 1947. I presume its short service life had something to do with the new missiles coming into being and the basic idea of trundling up to a bunker and obliterating the thing with a huge projectile was being viewed with suspicion.



ACTION.

Being a base fuze there is no action prior to firing.

On firing the detent sets back and this action frees the rotor to rotate under the influence of its spring. This action brings the detonator into line with the striker and the Tetryl lead. When the acceleration ceases the centrifugal bolts move outward under centrifugal force. This action frees the striker to move forward on impact. On impact the striker moves forward shearing the shear wire and hits the detonator. The detonation from this is passed through the lead and magazine into the shell filling.