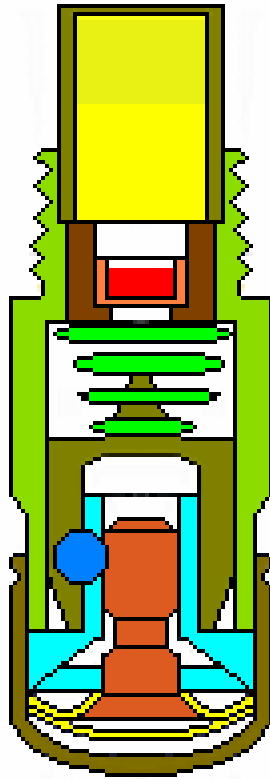
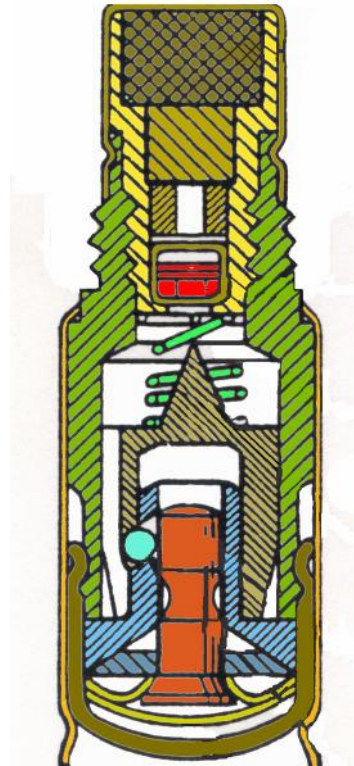


FUZE PERCUSSION No. 430 AND 431

These fuzes were used in the Grenade rifle No. 85 in its various models. The original was an American anti-tank grenade the M9A1. It was introduced into service in April 1945.



Fuze percussion No. 430



Fuze percussion No. 431

ACTION.

No action is required prior to firing. On firing the propellant gasses drive the grenade from the end of the rifle and at the same time drive the diaphragm inwards thus driving the arming spindle forward. This action allows the locking ball to move into the groove on the spindle. This action frees the striker to move when the grenade strikes its target. During flight the creep spring keeps the striker away from the detonator. On impact the striker flies forward hitting the detonator.

The explosion from this is passed through to the main filling.