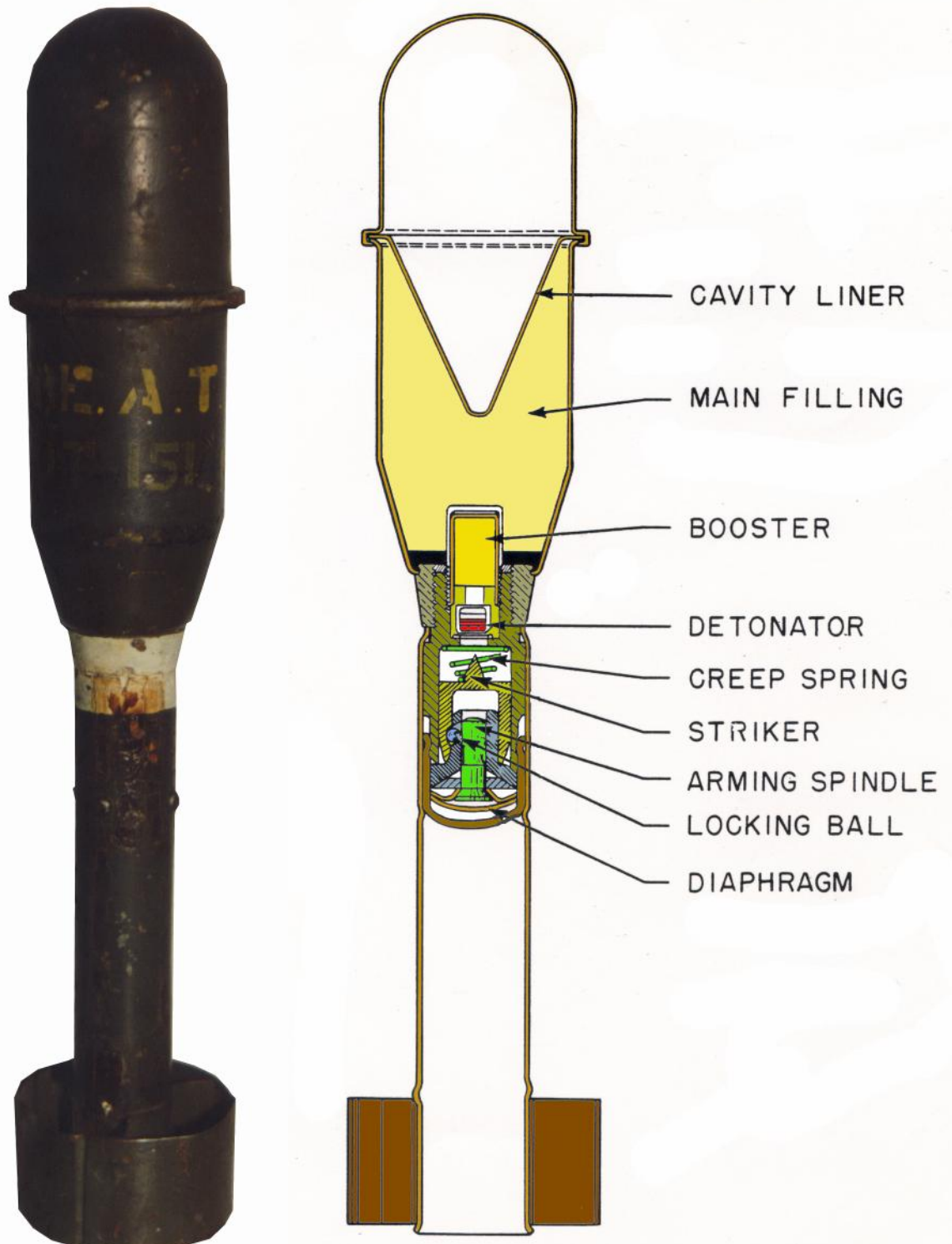


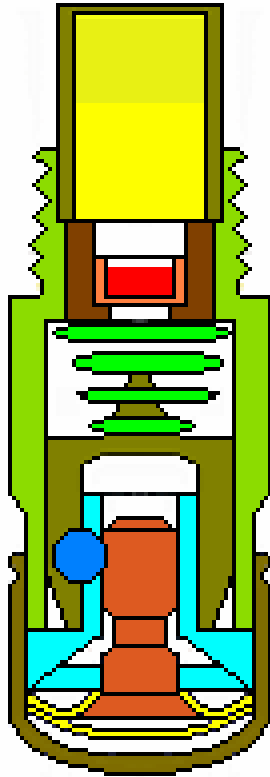
GRENADE RIFLE No. 85

This grenade was based on the US M9A1 anti-tank version.

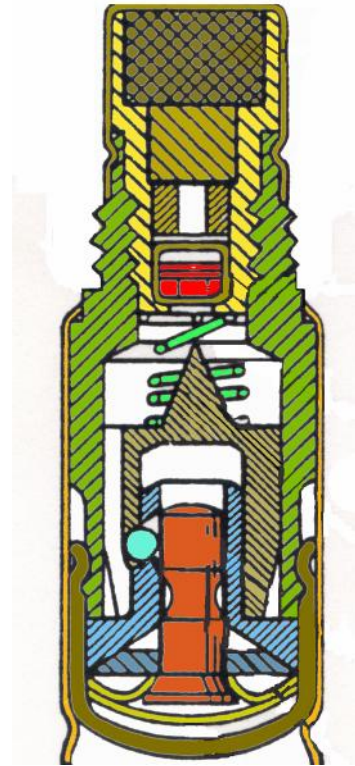
It was introduced in April 1945 and declared obsolete in September 1946. It had a very short life due to a decision by the General Staff to discontinue rifle launched grenades.

It was filled with 120.4 grammes of RDX/TNT initiated by a No. 430 or 431 percussion fuze. The grenade required no operations prior to firing. The grenade came complete with fuze and detonator the action of firing it armed the fuze.





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.