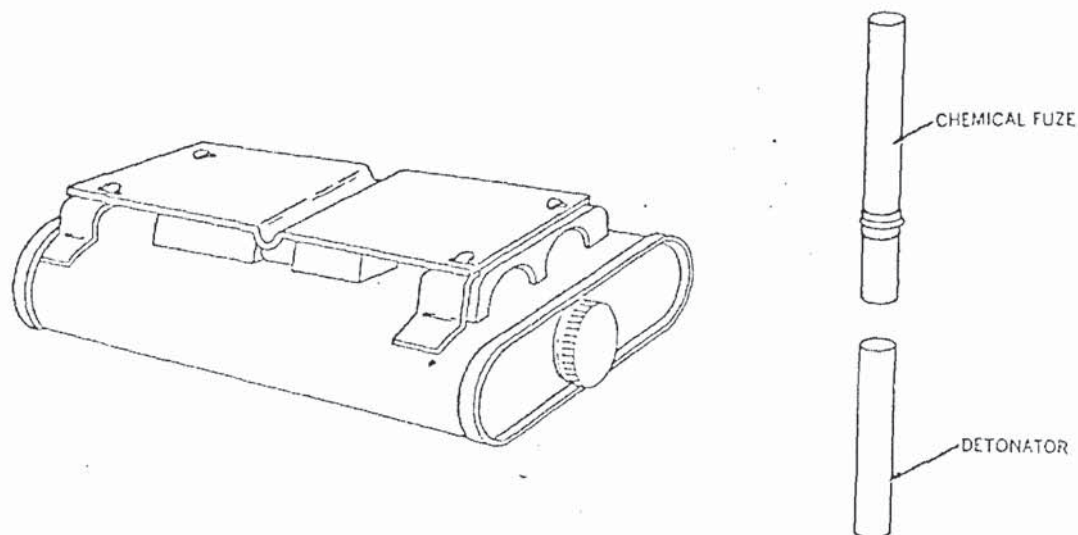
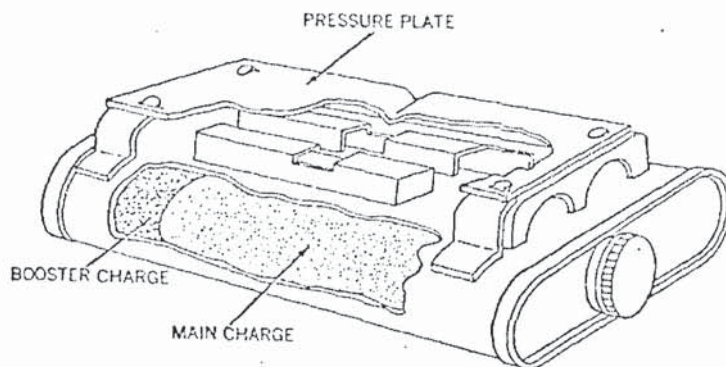


Hawkins Grenade Mine, No. 75, Mk. I.



External view of Mine and fuzes

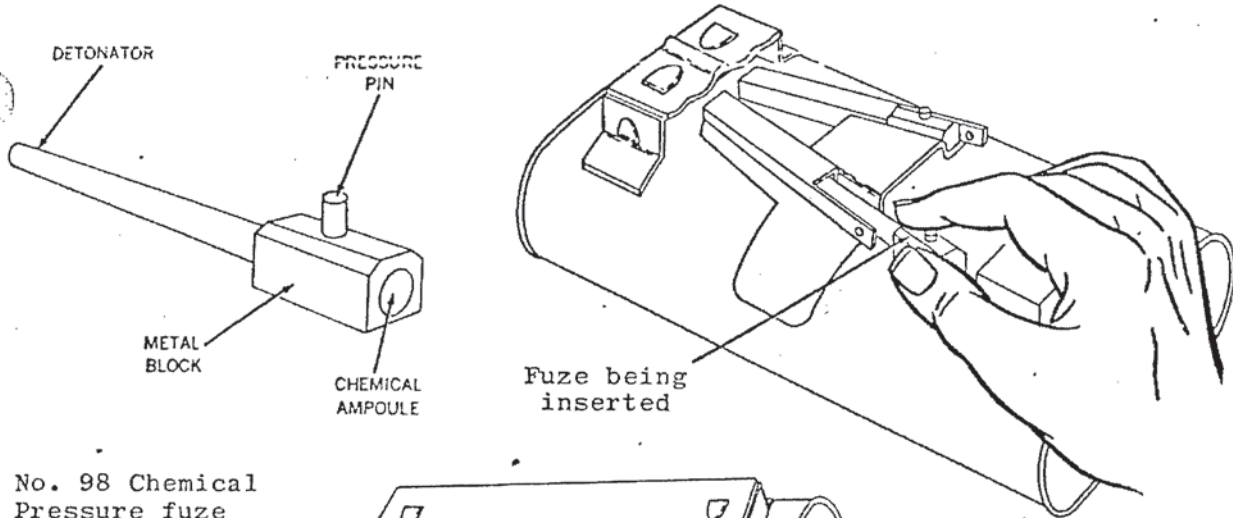


Hawkins Grenade, No. 75, Mk. I. (in section)

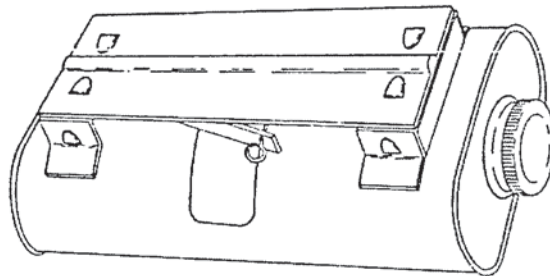
The Hawkin's grenade mine No. 75, Mark I, is an earlier model of the Hawkin's grenade mine No. 75, Mark II. The fuze wells are located parallel to each other, instead of in a V-shape as in the Mark II. The fuze is similar to the chemical pressure fuze No. 98, but lacks

the metal block with the pressure pin. The pressure plate has a transverse groove instead of a longitudinal ridge. In all other characteristics, this mine is similar to the Hawkin's grenade mine No. 75, Mark II. Disarming is merely removing the fuzes.

Hawkins Grenade Mine, No. 75, Mk. II.



No. 98 Chemical Pressure fuze



External view

Hawkin's grenade mine No. 75, Mark II consists of a steel case containing a main charge and a booster charge. A filler cap is located in the end of the case. The top of the case is fitted with two fuze wells which lie flat in a V-shape. These fuze wells are covered with a pressure plate with a longitudinal ridge. The chemical pressure fuze No. 98 is employed with this mine. The mine is 17.7 centimeters long, 10.1 centimeters wide, and 6.2 centimeters high.

Characteristics.

Shape	Fuze	Operating force	Explosive
Tubular flattened.	Two No. 98 chemical pressure.	80 to 100 lb.	1.5 lb.

Use. This dual-purpose mine is employed in security and protective type minefields. It is also installed in tactical minefields (in pairs and groups of four) and in roadblocks. One mine will seriously injure a man stepping on it. Mines laid in pairs will disable trucks and break the tracks of light tanks. Four mines laid together may break the track of a medium tank.

Functioning. Pressure on the pressure plate causes it to bend, forcing the pressure pin of one fuze, or both, against the ampoule of chemical and crushing it. A chemical reaction takes place producing a flame which sets off the detonator, firing the mine.

Installing and Arming.

- (1) Insert the ampoules and detonators in the fuzes.
- (2) Insert the fuzes in the fuze wells under the pressure plate, pushing in the detonator end first.
- (3) Insert the fuze pin through the holes in the ends of the fuze wells.
- (4) Place the mine in the ground with the filler cap pointing in the direction of the opposing forces. When installing the mines in pairs, place one mine on top of the other. Make sure that the pressure plate of the upper mine is flush with the surface of the ground.

Disarming Procedure.

- (1) Check for and remove any antilift devices.
- (2) Withdraw the fuze pin and pull out the fuzes.
- (3) Remove the mine and fuzes to a safe storage or disposal area.