



## Maham 6 Mine (Depth charge)



### DESCRIPTION

Maham 6 is a depth charge used as an Anti-Submarine Weapon (ASW). The mine can be laid by surface ships equipped with a projector (max. distance of 150 yards) or a release track. The design of its nose and tail gives it a tear-drop shape which provides the lowest resistance to water.

### PERFORMANCE

This weapon is composed of safety and arming device, explosive train, battery and electronic board, electronic hydrostatic sensor, explosive charge and body. As soon as launching the mine into water, it sinks and is armed in the depth of 15m.

Then the system is activated by reaching pre-set depth and is exploded. If the charge is not exploded for any reason, the mine will be exploded after passing the specified time (that is adjusted by the timer). All adjusted operations are done by selectors installed on the mine. Three selectors have been considered for setting of numbers ones, tens and hundreds of depth performance and also one selector has been considered for adjusting time of self-destruction on the panel.



### MAIN TECHNICAL AND TACTICAL SPECIFICATIONS MINE

Type/ amount of explosives	TNT / 190 pounds
Weight (empty case)	90 pounds
Max. depth	1000 ft
Launching system	Release track & Projector
Fuse	Hydrostatic pressure sensor
Max. Projection range	150 yards
Sinking speed	Approx. 20 ft/s