

HOT DROP EQUIPMENT/KIT



The Hot Drop system is a stand-off method of melting a hole in an article of ordnance and burning the HE contents. The system consists of a crucible containing a charge of

TD-A thermite, the crucible has a hole in the bottom covered in aluminum tape.

When the TD-A is initiated, the reaction progresses down through mixture resulting in a pool of molten iron. When the molten iron reaches the bottom, it melts the aluminum foil releasing the molten iron, this falls in a stream down to the munition. The force and temperature of the falling iron makes a hole in the munition which then causes the HE filling to burn. Variable TD-A charge to suit task. The crucible is normally reusable, 4 to 5 times.



STANDS

- A reusable, adjustable stand is supplied.

INITIATION

- The TD-A in the crucible is initiated by a Disarmco TIS electric starter.

TRANSPORT

- TD-A and TIS have a UN Classification 4.1, flammable solid. All other items are not classified as dangerous goods.

See also TD-A and TIS datasheets.

FEATURES

- Stand-off system
- Uses TIS starter
- Reusable stand
- Up to 10mm steel penetration
- Reusable crucible (X4 to 5)