

VAN TREPAN



EOD Access Tool

Van Trepan™ is a lightweight, high-precision explosive access tool designed to enable entry into a suspect vehicle for interior inspection and, if necessary, the delivery of a disruptor. The tool efficiently creates a circular hole in the side, door, or roof of a vehicle while requiring minimal NEQ.

Van Trepan serves not only as an entry tool but also as a versatile solution to create access holes for equipment and weapons.

Low NEQ water-tamped charge

Enables the defeat of LVBIEDs

Enables remote observation of cargo vehicle interior

Can be deployed by ROV or semi-remotely by an EOD operator



Performance

Van Trepan, used with a Bottler™, effectively neutralises LVBIEDs with a low NEQ and enhances cutting power via water tamping, reducing blast effects.

Its explosive channel cuts approximately 9/10 of a circle, leaving a 1/10 hinge. Upon detonation, the cut metal disc swings on this hinge, minimising the risk of hitting the IED.

The softer plastic handle improves grip for ROV deployment, and the large filling nozzle allows for quick refills.

Van Trepan™ attaches to targets using Breacher's Tape™ or Hydro Tape, enabling safe placement and withdrawal. Optional magnets can also be added.

The charge case features a circular moulding with a groove to accommodate one or two loops of detonating cord (about 10g/metre).

Specifications

- Diameter: 300mm
- Height: 23mm
- Weight empty: 400g
- Weight loaded: 930g
- Water capacity: 530ml
- NEQ: 11g single loop 10g/m detcord; 22g double loop 10g/m detcord



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