



Breacher's Boot™

Breacher's Boot™ is a water tamped charged used to attack steel, plastic and wooden doors. It can be applied for the inward opening of a door, or removal of a door from the hinges. It is manufactured from a low fragmentation soft plastic. This charge has been engineered to deliver a powerful and effective punch. This highly versatile charge is widely used by the British Police Force and is now their only approved and used charge of its type. British Police have successfully used Breacher's Boot™ along with other Alford products in raids to capture terror suspects.

Operators can apply the charges to a number of different targets simply by varying the explosive load and increasing or decreasing the number of charges used. All Alford products are renowned for a low net explosive quantity (NEQ) which nevertheless delivers a highly effective blow.

Features include:

- > Low NEQ with optimised performance
- > Lightweight charge, even when loaded
- > Fielded widely in the UK and U.S.
- > Precision loading allows for accurate load measurement

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WHEN YOU CAN'T AFFORD TO FAIL

Working Principle

The working concept is to have significant water tamping behind the charge, and a Water Cushion™ between the charge and the door. This cushions the direct effect of the explosive and spreads the force across the surface area to impart the maximum amount of energy without actually cutting the door. The two parts of the charge have been specially designed to put water exactly where it is required while keeping the charge as small and as easy to handle as possible. A unique profile on the ends allows dual initiators to be connected to the charge quickly without the need for tape or clips. Multiple charges may be fixed together on a batten and initiated at a single point.

Performance

Breacher's Boot™ takes cut lengths of detonating cord, allowing for accurate measurement and adjustment of the explosive load. The water tamping also significantly reduces the blast overpressure, reducing the required stand-off and overall risk to the breacher. A single Breacher's Boot™ is capable of breaching an inward-opening thick steel door. Three charges affixed to a door in a vertical configuration will fold and remove a similar outward opening door, removing it from its hinges and dropping it onto the floor. Plastic (uPVC) doors are known to absorb the shock from most types of charges, however, the Breacher's Boot™ is able to remove a plastic door from its hinges.

Ease of Use

The front of the Breacher's Boot™ is completely flat providing the maximum surface area for attachment to a target. Attachment can be done by using Breacher's Tape™ or Hydro Tape™ depending upon the texture and condition of the surface. The back of the charge is contoured and can be easily gripped even when wearing gloves or in wet conditions. Charges are provided as empty, inert charge containers and these are then filled by the user with explosives and with water. A dual water seal ensures no leakage which is paramount should the charges be prepared in advance during an extended standby period.

For further information

Contact sales@explosives.net, telephone +44(0)1249 65 1111 or speak to your authorised Alford representative.

Specifications

Size	350 x 100 x 75mm (13.7 x 4 x 3in)
Weight Full	2.15kg (4.7lb)
NEQ Min	3g (46 grains) - single stand of 10g/m (50 grain) detonating cord
NEQ Max	27g (416 grains) - 9 strands of 10g/m (50 grain) detonating cord

Note: Other weights of detonating cord may be used to achieve lighter or heavier loads



Other products to consider:

Mini Breacher's Boot™ – for opening car boots/trunks & lighter breaching tasks

Gatecrasher™ & Gatecrasher Modular™ - for wall breaching

Alford Strip™ - an alternative for breaching doors or walls

Hydro Tape™ or Breacher's Tape™ - for affixing charges



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