



## Breacher's Boot™

Breacher's Boot™ is a water tamped charge used to attack steel, plastic and wooden doors. It can be applied to inward or outward opening doors.

It is manufactured from a low fragmentation soft plastic and has been engineered to deliver a powerful and effective punch against the target.

This highly versatile charge is widely used by the British Police Forces. Operators can apply the charge 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 variable NEQ for an optimised performance
- > Lightweight charge, even when loaded
- > Fielded widely in the UK and U.S.
- > Precision loading allows for accurate NEQ load measurement
- > Used individually or in multiple configurations (target dependent)

**ALFORD**  
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 target. 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 target. 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 or plastic explosive, 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 frame. 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, when positioned correctly.

## 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 threat 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 when required. 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](mailto:sales@explosives.net), telephone +44(0)1249 65 1111 or speak to your authorised Alford representative.

Size	360 x 100 x 75mm (14 x 4 x 3in)
Weight Full	2.15kg (4.7lb)
NEQ Min	3g (46 grains) - single strand 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 or sheet explosive may be used to achieve lighter or heavier loads



Loading Breacher's Boot™



Before & After Firing

## Other products to consider:

Mini Breacher's Boot™ – lighter breaching tasks

Gatecrasher™ & Gatecrasher Modular™ - for wall breaching

Alford Strip™ 25mm and 42mm - an alternative for breaching doors or walls

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



[www.explosives.net](http://www.explosives.net) E [info@explosives.net](mailto:info@explosives.net)  
T +44(0)1249 65 1111 F +44(0)1249 65 6444  
Alford House, Epsom Square, White Horse Business Park,  
Trowbridge, Wiltshire BA14 0XG, United Kingdom

