



## Rebar Cutters™

The Alford Rebar Cutters™ are shaped charges perfect for cutting steel bars and cables. Available in three sizes the charges each consist of a plastic case containing an angular copper shaped charge liner which clips onto a steel bar or cable. Rebar Cutters™ can be used on land and in underwater applications. They are filled by the user with explosive. The Rebar Cutters™ are available in sizes to cut up to 15mm, 32mm and 50mm bars and cables.

The Rebar Cutters™ can be used singly, or if cutting a thicker piece of cable, in an array. Rebar Cutters™ can be attached to the target quickly and easily using only one hand making them ideal for use in inaccessible places.

### Features include:

- > Three charge sizes; 15mm, 32mm & 50mm
- > Low NEQ, powerful effect
- > Minimal fragmentation
- > Quick loading & easy application

## Applications

Rebar Cutters™ are used by the demolition industry to cut reinforced bar and cable when concrete structures are demolished or perforated. They can be used to cut window bars, metal grilles and railings. They can also be used to cut tangled steel cables to make it easier to transport or lift, and to release tethered sea mines.

## Underwater Use

Rebar Cutters™ can also be used for various underwater applications. This is possible because the stand-off space between the copper charge liner and the target is occupied by a water-tight enclosure. This permits the cutting jet to form under water as easily as it does in the air.

## Ease of Use

The charge has a pair of jaws on each end bearing a set of integral barbs, this ensures that, once the charge is pushed onto the target, it stays in place. Larger modules can be further secured using wire should this be necessary. Each Rebar Cutter™ is lightweight and can be easily carried in a pocket or a pouch, allowing an operator to carry many charges to a task.

## Minimal Fragmentation

Each charge body is constructed from plastic which disintegrates upon firing so little danger is produced by projected fragments.

## For further information

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

## Specifications

|              | 15mm                       | 32mm                       | 50mm                        |
|--------------|----------------------------|----------------------------|-----------------------------|
| Weight Empty | 0.04kg                     | 0.07kg                     | 0.18kg                      |
| Weight Full  | 0.058kg                    | 0.14kg                     | 0.35kg                      |
| Dimensions   | 140 x 28 x 28mm            | 180 x 52 x 46mm            | 233 x 58 x 64mm             |
| NEQ          | 18g Plastic Explosive (PE) | 70g Plastic Explosive (PE) | 175g Plastic Explosive (PE) |
| NSN          | 1375-99-463-9371           | 1375-99-538-7917           | 1375-99-391-7033            |



A radial array of charges greatly enhances cutting ability



Operator Affixing Rebar Cutter™



Before and After

## Other products to consider:

Dioplex™ – for linear cutting of steel

Universal Demolition Block – for general demolition tasks



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