



Rebar Cutter™

The Alford Rebar Cutters™ are linear shaped charges perfected for the cutting of steel reinforcing bars, steel Hawser and cables. Available in three sizes, the charges each consist of a low fragmentations producing plastic body containing a copper shaped charge liner. An integrated clip enables rapid and accurate placement onto a target.

Rebar Cutters™ can be used on land or in underwater applications. User filled with explosives, the Rebar Cutters™ are available in sizes to cut up to 15mm, 32mm and 50mm diameter targets.

The Rebar Cutters™ can be used singly, or in multiples. Rebar Cutters™ can be attached to the target quickly and easily using one hand making them ideal for use in inaccessible places or in a tactical environment.

Used in conjunction with a Gatecrasher Mk. 4 they can constitute the second part of a two stage breach to defeat a reinforced concrete

Features include:

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

Applications

Rebar Cutters™ are used by the demolition industry and tactical breachers to cut reinforced bar and cable when concrete structures are demolished or perforated leaving exposed reinforcing bars. They can also be used to cut window bars, metal grilles and railings. Used to cut tangled steel cables they can enable obstacle clearance and also 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, 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

Gatecrasher™ Mk 4. - for Breaching



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