



Magma™

Magma™ is a user-filled shaped charge system. More powerful than both the Vulcan™ and Pluton™ Systems, the Magma™ can carry explosive loads from 100g to 600g depending upon requirement. The Magma™ is a multi-role tool and can be used for Demolitions, Rapid Cratering and Explosive digging in normal and frozen ground.

The charge body can be loaded with a projectile from a range including Copper EFP (explosively formed projectile), Copper JFC (jet-forming cone) or Magnesium JFC, depending upon the target.

Features include:

- > Multiple applications
- Demolitions, Rapid Cratering, Explosive Digging
- > Variable explosive load & highly modular
- > Powerful effect for a low NEQ
- > Accommodates several projectile types

Magma™ – Kit Contents

The Magma™ Basic Kit comes with three charge bodies and three aluminium legs per charge which can be angled for better positioning on the target. A stemming tool is included for loading the explosive into the body of the charge. Projectiles are purchased separately.

Projectiles

Copper EFP Set (MG1903): Generates an explosively-formed projectile (EFP) which may be used to penetrate robust targets at much greater ranges than the jet-forming cone.

Copper Jet Forming Cone Set (MG1902): Produces a jet which may be used to pierce holes through steel or thick reinforced concrete, blocks or brickwork.

Magnesium Jet Forming Cone Set: Designed for penetration in explosive digging, through normal ground and permafrost. This projectile can also be used for controlled initiation of buried IEDs.

Accessories

45 Degree Weapon Stand Set (PS3901)

Magma™ – Underwater Stand-off Capsule Set (MG1904)

Magma™ Loading Mandrel

Specifications

Weight Empty	0.26kg
Weight Loaded	0.36-0.8kg
Height	205mm
Diameter	94mm
NEQ	100-600g Plastic Explosive (PE)
NSN	TBC
Part No.	MG1901

For further information

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



Magma™ Basic Kit Contents



Placing a Magma™ Charge



Range of Projectiles

Other products to consider:

Vulcan™ System – for a smaller shaped charge

Pluton System - for a medium shaped charge

Krakatoa™ System – for a larger sized shaped charge



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