



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 great 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. *Available soon.*

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. *Available soon.*

Accessories

45 Degree Weapon Stand Set (PS3901)

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

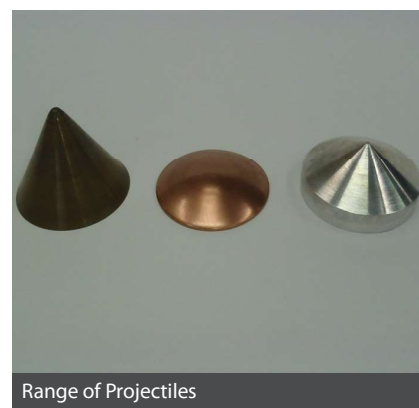
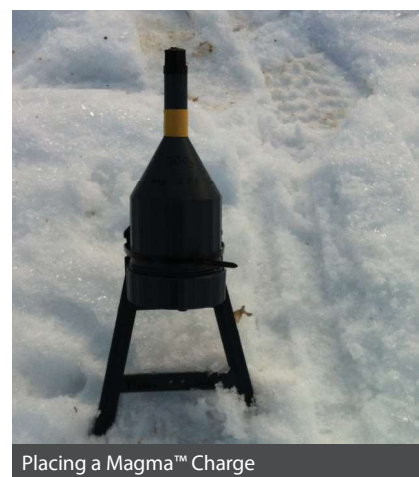
Magma™ Loading Mandrel

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.



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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