



Pluton™

Pluton™ is a user-filled shaped charge system. More powerful than the Vulcan™ System, Pluton™ can carry explosive loads from 50g to 300g depending upon requirement. Renowned for its versatility, Pluton™ is a multi-role tool and can be used for the low-order disruption of conventional munitions, it can be used against buried IEDs and it can also be used under water against Explosive Remnants of War (ERW).

The charge body can be loaded with any of a range of projectiles including a Magnesium Cone or a Copper EFP or jet-forming cone, or a liquid projectile, depending upon the target. The maritime version of the Pluton™, (the Pluton™ Maritime EOD Kit) is in service with a Navy within the five-eyes community.

Features include:

- > Multiple applications - disruption, deflagration, mine clearance, decommissioning
- > Variable explosive load & highly modular
- > Powerful effect for a low NEQ
- > Accommodates several projectile types

Pluton™ – Kit Contents

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

Projectiles

Magnesium Cone Set, Jet Forming: Less penetrating than a copper cone but capable of penetrating even thickest walled shells or bombs and igniting the explosive or pyrotechnic fill. Much less likely to cause 'high-order' detonation than copper cones, and used for low-order deflagration.

Magnesium Cone Set, Jet Forming, High Performance: For slightly higher performance than the regular Jet Forming cone. Less penetrating than a copper cone. Used to penetrate even thick-walled shells or bombs and ignite the explosive or pyrotechnic filling. Less likely to cause 'high-order' detonation, and used for low-order deflagration.

Copper Jet Forming Cone Set: Produces a jet which may be used to pierce holes through steel or thick concrete or brickwork, or to cause the detonation or deflagration of steel-cased ammunition.

Copper EFP Set: Generates an explosively-formed projectile (EFP) which may be used to penetrate robust targets at much great ranges than the jet-forming cone. Enables Pluton™ to be used as a de-armer and disruptor device.

Liquid Projectile Set: A pair of thin-walled plastic cones with water between them constitutes a composite projectile which penetrates steel-cased munitions. Used to eject fuses and disperse munition contents with minimal risk of detonation.

Accessories

Pluton Underwater Stand-off Capsule Set™

Pluton™ – Accessory Pack 2Pluton™ – Magnet Pad Set

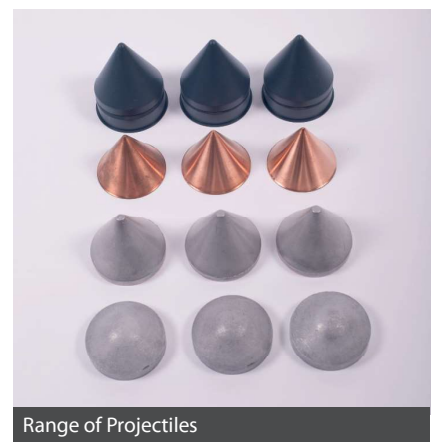
Pluton™ 45 Degree Weapon Stand Set

For further information

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

Specifications

Weight Empty	0.16kg
Weight Loaded	0.415-0.465kg
Height	173mm
Diameter	81.25mm
NEQ	250-300g Plastic Explosive (PE)



Other products to consider:

Vulcan™ System – for a smaller shaped charge

Magma™ System - for a larger sized shaped charge

Krakatoa™ System – for use with alternative shaped charges



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