

VULCAN



Highly Reliable Low Order Tool

The smallest of the Alford-shaped charges, the patented Vulcan™, is a highly versatile, user-filled, modular 30mm-diameter shaped charge system in service worldwide. Small, lightweight, with low NEQ for high performance.

A tool for producing low-order disruption of target munitions, it has an almost 100% success rate, significantly more reliable than its competitors.

This efficacy and reliability mean that operators in all environments and conditions trust in Vulcan.

Highly modular, versatile shaped charge system for land and maritime environments

Disintegrates on firing, no dangerous fragment projection

Low NEQ and highly predictable effect

Easy to load and configure



Performance

Copper JFC

Creates a jet designed to pierce through approximately 75 mm (3 in) of mild steel, or thicker concrete or brickwork, and also to initiate detonation or deflagration of steel-cased munitions.

Magnesium JFC

Less penetrating than copper, but can penetrate even the thickest-walled projectiles or bombs, igniting the explosive fill. Low probability of high ordering; reliably achieves low order results.

Liquid Projectile

Consists of two thin-walled plastic cones with water inbetween, forming a composite projectile able to penetrate steel-cased munitions up to 10mm wall thickness. Ejects fuses and disperses charge contents with low risk of detonation.

Copper EFP

Generates an EFP that can penetrate robust targets at much greater ranges than JFC. Enables Vulcan to be used as a de-armer and disruptor device. Punctures 10mm thick steel at a range of at least 1500mm.

Magnesium EFP

Generates an EFP that can form large (20mm diameter) holes in 5mm thick steel targets from at least 2500mm stand-off. It ignites as it forms and can be used to ignite the explosive or composition in the target.

Aluminium EFP

Delivers a powerful blow to remove fuses and bomb pistols or jam their mechanisms. Provides a low-cost disposal alternative to de-armers that use heavy steel barrels.

Specifications

Charge Specifications

- Diameter: 30mm
- Weight loaded: 70-110g per charge
- Minimum explosive load: 10g PE
- Maximum explosive load: 50g PE

Pack contents

10 Vulcan charges | 30 aluminium legs | Loading kit

Optional Accessories

Underwater Stand-off Capsule | Stand-off Nozzle | Trepanning Attachment | Flash Suppressing Water Jacket



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