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ALS1210S

Door Breaching Cartridge (Frangible Copper-Tin Slug)

DESCRIPTION

This low cost highly effective device is a frangible projectile made of powdered copper and tin pressed into a single projectile. The door breaching cartridge produces an effective means of removing locks and hinges from metal or wooden doors constructed of materials up to 16 gauge steel. Limited projection of hazardous debris and collateral damage on the opposite side of the door is minimized.

HISTORY & BACKGROUND

The DOOR BREACHER was developed to provide an alternative to the battering ram and limit exposure to shots fired from within areas being entered.

POTENTIAL TARGETS & APPLICATIONS

Tactical Scenarios/Forced Entry.

MECHANISM / TECHNOLOGY

The DOOR BREACHER is a 12 gauge cartridge which produces 1,733 foot pounds of energy into an area .75" inch diameter. It is constructed of powdered copper and tin. It is a frangible disintegrating projectile which turns to copper dust when a sufficiently hard object is struck, limiting penetration through secondary walls and collateral damage.

PHYSICAL DATA

Size: 12 gauge SAAMI. Item 1210S.435 is a 435 grain projectile at 1200 feet per second. 1390 lbs KE Item 1210S.375 is a 375 grain projectile at 1375 feet per second. 1573 lbs KE Item 1210S.325 is a 325 grain projectile at 1550 feet per second. 1733 lbs KE

PERFORMANCE CHARACTERISTICS

Effect on Target: When fired, the projectile produces up to 1733 foot pounds of energy to the lock, hinge or hard surface being struck. The DOOR BREACHER is extremely destructive and lethal when fired at living tissue.

DELIVERY MEANS

12 gauge shotgun (call about door breaching attachments).

OPERATIONAL STRENGTHS

Most officers are trained with the use of 12 gauge. Uses standard issue weapons.

OPERATIONAL LIMITATIONS

Both minimal and maximum ranges should be established by test firings conducted at each installation, depending upon tactical conditions and security requirements of each user. The DOOR BREACHER must never be fired with the muzzle of the shotgun less than 1 inch from the door lock.

DOCUMENTATION REQUIREMENTS

It is recommended that officers training records be annotated to indicate proper training has been accomplished.

IMPORTANT LIMITATIONS & WARNINGS

All users of ALS Technologies products should review our Statement of Operational Limitations & Warnings available on the ALS corporate web site at <http://alstechnologies.com/oplimits.html>. This information should not be construed as proper training in the use of ALS Technologies products. Email training@alstechnologies.com or call our Training Director toll free at 1-877-902-4257 to arrange a training course.

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