



# TECHNICAL DATA & USAGE SHEET

## 4.6mm BBR



### Identifiers

Designation: 4.6mm BBR  
 Origin: United Kingdom/United States  
 P/N: 01-4580  
 NSN (NATO): TBC  
 Gross Package: Cardboard Carton containing 16 Boxes of 50 rounds (in trays).  
 303mm (11.92in) x 184mm (7.24in) x 151mm (5.98in) (L x H x D)  
 Gross Weight 3.82kg (8.42lb), NEQ 0.03kg (0.07lb)

### Cartridge Components

Cartridge Case: Aluminium  
 Cartridge Assembly: 3g  
 Cartridge Overall Length: 39mm / 1.54 in  
 Front Primer: Boxer Primer  
 Rear Primer: .Boxer Primer  
 Projectile: None.

### Ballistics

Average Muzzle Energy: Not Applicable.  
 Average Muzzle Velocity: Not Applicable.  
 Accuracy: Not Applicable.  
 Maximum Effective Range for Training: Any distance that can be heard.  
 Optimum Effective Range for Training: Any distance that can be heard.  
 Standoff Distance: 0.5m / 18in

### Operational Data

Noise Levels: Peak 146dB (Indoors).  
 Operational Temperature Range: -32°C to 49°C (-26°F to 120°F)

Compatible Weapon Types: H&K MP7

### Storage

Shelf Life: Minimum six years in original packaging  
 (Following recommended storage conditions).  
 Recommended Storage: Dry environment, max storage  
 temperature 40°C / 104°F

### Warranty

18 months in original packaging (Following recommended storage  
 conditions).



European Patent number: 1228342 additional patents pending. US patent numbers: 6253682, 6371028, 6427600, 6095051, 6378439, 6422149, 6415718, 6564719 UTM, Ultimate Training Munitions, and the "Breach" logo design are trademarks belonging to UTM Ltd.



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### Purpose

- Provides a training round that emits a realistic noise and cycles the weapon with low emissions.
- Teach fundamentals of weapon handling, malfunction drills and marksmanship in any environment to include classroom.
- Essential building block between dry fire and live fire with the introduction of noise and stress.
- Allow mission rehearsals/flow drills/scenarios in any environment
- Compatible with certain virtual-reality interactive laser systems to add weapon recoil and weapon function realism.

### Available Alternatives (4.6mm BBR)

### Usage Guidelines

- UTM converted weapons must be fired “clean and dry” in the weapon bore and barrel. NO LUBRICATION IN THE BARREL.
- Contact shots and shots to bare skin are prohibited. Maintain a 0.5m/18in safe separation distance during training engagements.
- Appropriate hearing and eye protection (safety glasses or goggles) is mandatory.
- Intended only for supervised training conducted in accordance with UTM safety training protocols by military, law enforcement or professional training and security organizations.
- Keep all ammunition out of reach of children.
- UTM assumes no responsibility for injuries, loss or damage resulting from misuse of this or any of its products.
- Before using any UTM product, the end user must consult, and comply with, as applicable, all laws, rules, regulations, local ordinances, health and safety regulations, and safety practices recognized as standard in the firearms industry and for related training. The end user of any UTM product is solely responsible for any and all compliance in this regard.

### WARNINGS

When converting back to ‘Duty’ use, ensure that the chamber and bore have been cleaned, cleared of all debris, objects or projectiles and inspected before firing a live round. Failure to ensure that the barrel of the host weapon is free from obstruction could result in damage to the barrel and/or injury to the operator.

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### Characteristics

- Normal weapon function and recoil.
- No Heat or Flame!
- No BFA required (UTM Conversion Kit required).
- 0.5m (18inch) stand-off allows safe and realistic training.
- Realistic and consistent cyclic rates in semiautomatic and automatic weapons, which match “Live” fire.
- Surpasses “Live Fire” reliability.
- Minimal environmental impact - low emission and available in non-toxic option only.

### Contact

For more information on product alternatives and usage please contact UTM at:

sales@utmworldwide.com  
 +44 (0) 1638.711.003  
 +1.877.886.7233  
 +1.908.725.9000