

PRODUCT DATA SHEET



7. BRASS AMMUNITION – ΩMEGA SNIPER 8.6 x 70mm (0.338") 253gn Armour Piercing Incendiary

Primetake Part - PT1571H
Catalogue No. 07.01.1571H
Version 1

Product and Packing Details

WEIGHT	43.75g approx
NET EXPLOSIVE QUANTITY	6.68g approx
SHELF LIFE	5 years under controller storage conditions
PACKAGING	M2A1
DIMS mm	306x156x192
QTY PER OUTER PACK	160
GROSS WEIGHT NOMINAL	12.19kg
MAXIMUM NEQ	1.127kg
PROPER SHIPPING NAME	Cartridges, small arms
UN SERIAL NUMBER	0012
HAZARD CLASS	1.4S



Methods of Use

The Primetake Ωmega 8.6 x 70mm (0.338" Lapua Mag.) Armour Piercing Incendiary round has been designed to defeat lightly armoured vehicles and structures where high accuracy and penetration capabilities are required.

Description

The projectile has been designed to maximise the penetration capability of the round at range, utilising a plastic ballistic tip, tungsten carbide core and copper jacket. The projectile materials are cobalt free and REACH compliant and have been carefully chosen to preserve and extend barrel life. The 8.6 x 70mm Armour Piercing Incendiary round has been tested and qualified in various sniper quality weapons including Accuracy International AXMC .338" LM and Barrett MRAD .338" LM.

Performance/Safety

The projectile is capable of penetrating a 12mm thick RHA (Rolled Homogeneous Armour) plate equivalent to that specified in DEF STAN 95-13/4, at a distance of 500 metres from the muzzle of the weapon at 0° obliquity and forward inclined plate up to 15°. In addition to penetrating the first target, the 8.6 x 70mm Armour Piercing Incendiary round is capable of penetrating a secondary target 300mm behind the RHA plate in accordance with MOPI PFP (NAAG-LCG/1-SG/1)WP(2010)000219-2. The incendiary will ignite gas flow, flammable liquid stored in metal/plastic containers and thin wall gas canisters behind targets.

The projectile is capable of penetrating materials as per the following at 500m:

- Military style Jerry Can in front of 12mm RHA plate, and second Jerry can placed behind 12mm plate—projectile penetrates all barriers and ignites both fuel sources.
- Two layers of 19.5mm toughened glass with incendiary effect.
- Thick wall propane cylinders either standalone or behind 12mm RHA plate with ignition to fuel source.
- Incendiary marker effect on rock or hard materials.

Both the 8.6 x 70mm Armour Piercing and Armour Piercing Incendiary rounds are trajectory matched to Primetake's 8.6 x 70mm 250gn Ball round.

The round, when fired from a match quality barrel, achieves <1 MOA accuracy. In terms of hit probability, the round can achieve >95% in field trials. Performance is dependant upon the quality and specification of the firearm selected. Primetake Ltd are able to work with customers to produce ballistic tables for specific weapon combinations. Standard ballistic data is available upon request.

Range Safety Template provided on request.

Articles should remain within the original sealed package and be stored within a temperature controlled environment of +5°C to +30°C; relative humidity should not exceed 70%. Storage outside of these conditions will not be warranted and may reduce the shelf life and lead to the articles not functioning as intended.

At Primetake we constantly review our products—all specifications are a guide and may vary so please check that the latest specification meets your requirements

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