



IN THE BATTLE SINCE 1888



81 MM MORTAR AMMUNITION

Designed for superior performance

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Australian Munitions' 81 mm HE M0221A1 has been designed for superior performance. Australian Munitions' 81 mm mortar ammunition is qualified and optimised for use in F16A2 mortar tubes used by the Australian Defence Force. The intended application is anti-personnel, but it is also effective against soft-skinned vehicles. The mortar is manufactured at Australian Munitions' facility in Benalla, Victoria.

SPECIAL FEATURES

Australian Munitions' 81 mm mortar consists of a cast iron cartridge body filled with high explosive TNT. The cartridge is fitted with a M935 Point Detonating Fuze. There is also a delay option that allows penetration of the target before functioning. It can also be supplied filled with wax-based High Explosive Substitute and fitted with a Plug Representing Fuze.

FUNCTION

Australian Munitions' 81 mm mortar is propelled by a charge system consisting of six formed celluloid augmenting charges filled with granular single-base propellant. Changing either the elevation and/or the number of the augmenting charges can vary the range. The ammunition, when used in the specified weapon, has a range of 200 metres to 4800 metres in temperature conditions between -6 °C and +56 °C.

PACKAGING

Australian Munitions' 81 mm HE M0221A1 is packaged in an individual M252 Fibreboard cylinder, packed three to an F8 wooden box and 36 boxes to a wooden pallet.

Proper shipping Name: Cartridges for Weapons
Hazard Classification: 1.2E



CHARACTERISTICS

Australian Munitions' 81 mm mortar ammunition exhibits the following nominal performance characteristics:

Length of complete round	514 mm
Maximum Diameter	81 mm
Cartridge mass	4,930 g (Nominal)
Propellant type	Single base propellant
Muzzle Velocity	Will not exceed 280 m/s



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