



ADG 81mm STANDARD MORTAR



SPECIFICATION

DESCRIPTION	SPECIFICATIONS
Calibre & System	ADG 81mm STANDARD MORTAR
Elevation range	45° - 85°
Top Traverse	29°
Effective Range	4600m (Standard Bomb)
Barrel length	1450mm
Ammunition	HE/SMK/PRAC
Ammunition mass	4.43kg
Mass of base plate assembly	14.9kg
Mass of bi-pod assembly	12.2kg
Mass of barrel assembly	14.4kg
Firing rate	15rpm (maximum)

The mortar deploys with a 1450mm barrel, a mount assembly (bi-pod) and base plate. It is fitted with an HO19 sight is a unique design which can be used in daylight or the built in illumination allows this sight to be used at night. The design and accurately machined weapon/sight interface ensures that sights can be interchanged between weapons without realignment while maintaining the accuracy. The firing pin is retractable using a safety lever on the breech block. The mortar fires all types of 81mm standard mortar ammunition.

HO19 Sight:

Accuracy	:	Within 3 mils
Mass (in use)	:	1.6kg
Illumination (night use)	:	Various beta lights
Levelling bubbles	:	2 in each plane
Traversing arc	:	0 – 6400 mils
Elevation arc	:	400 – 1600 mils
Micrometre scales	:	1 mil increments



Accessories and Spares:

2 bomb carrying harness	4 bomb carrying harness	Cleaning brush (Bristle)	Cleaning brush (Wire)
Cleaning Rod with extensions	Spare Firing Pin	Carry harness, base plate	Spanner , adjustable
Grease gun	Oiler hand	Post, aiming, in case (set of 3)	Hammer, hand
Punches	Flag, base plate	Spanner, breech	Mittens, heat resistant
Pad, shoulder	Carrying strap, barrel	Allen keys	Screwdriver, flat tip
Cover, muzzle	Bag, canvas for accessories	Chest, mortar	Chest, base plate
Carry harness, mount assembly	Fuse, setter	Light, aiming post	Screw grub, barrel – 3 off extra
H019 transport case			