



## 01 / PRODUCT OVERVIEW

# M72/M74

81/82 mm M72/M74 HE mortar bomb



FIG 01 PRODUCT CONFIGURATION

**5070 m (0+6) (81/82 mm mortar M69 B-D, barrel length 1450 mm)**

MAXIMUM RANGE

**91 m (0)**

MINIMUM RANGE

**8 m**

MUZZLE SAFETY AT LOWEST INITIAL VELOCITY

**3050 g**

MASS WITH FUZE

## 01.1 / OVERVIEW

81/82 mm high-explosive mortar bomb with 680 g fill and UT M68P1 impact fuze, ranging 91 m to 5070 m.

## TYPE

HE

## CALIBRE

81/82 mm

## STANDARD

Both

## PROCUREMENT AND COMPLIANCE

Supply is exclusively for government and institutional end-users. Availability is subject to destination screening, a state-issued export licence and a verified End-User Certificate.



## 02 / TECHNICAL SPECIFICATION

## TECHNICAL DATA

M72/M74 / AMMUNITION

## IDENTITY AND CONSTRUCTION

|                  |                  |
|------------------|------------------|
| Length with fuze | 375 mm           |
| Mass with fuze   | 3050 g           |
| Fuze             | UT M68P1, impact |

## BALLISTIC PERFORMANCE

|                                          |                                                               |
|------------------------------------------|---------------------------------------------------------------|
| Muzzle safety at lowest initial velocity | 8 m                                                           |
| Maximum range                            | 5070 m (0+6) (81/82 mm mortar M69 B-D, barrel length 1450 mm) |
| Minimum range                            | 91 m (0)                                                      |
| Max. mean operating pressure             | 647 bars                                                      |
| Killing range (1 penetration/m2) radius  | 14 m                                                          |
| Operating temperature range              | -30 deg C to +50 deg C                                        |

## DIMENSIONS, MASS AND SUPPLY

|                          |                                                                               |
|--------------------------|-------------------------------------------------------------------------------|
| Mass of explosive charge | 680 g                                                                         |
| Packaging                | 1 shell per carton, 5 cartons per wooden box 54 x 44 x 16 cm, 29 kg, 0.038 m3 |

## ADDITIONAL TECHNICAL DATA

|                   |                                                    |
|-------------------|----------------------------------------------------|
| Explosive charge  | Hexolite / trotyl (TNT)                            |
| Increment charges | Ignition cartridge and six increment charges (0+6) |