

# 81 mm, M72 HE mortar shell

## TECHNICAL DATA:

Length of shell with fuze	387 mm
Mass of mortar shell with fuze	3050 g
Explosive charge	trotyl (TNT)
Mass of explosive charge	650 g
Fuze	impact, superquick action UT, M68 P1
Muzzle safety at lowest initial velocity	8 m
Shell is completed with ignition cartridge and increment charges.	
Safe operational temperature range	-30°C to +50°C.
High safety during transportation, handling and parachuting.	

## BALLISTIC DATA:

When using 81mm Mortar, barrel length 1150 mm:	
Maximum range	4900 m
Max mean operating pressure in mortar	618 bars
Killing range (1 penetration / m <sup>2</sup> ) - radius	14 m

**The mortar shells can be fired from smooth bore mortar launchers.**

## PACKING:

1 complete shell per carton	
5 cartons per wooden case	
Dimensions of wooden case	607 x 480 x 174 mm
Gross weight	31.5 kg
Volume of wooden case	0,051 m <sup>3</sup>

UN No	0321
Hazard class	1.2E



FUZE  
UT, M68P1

