

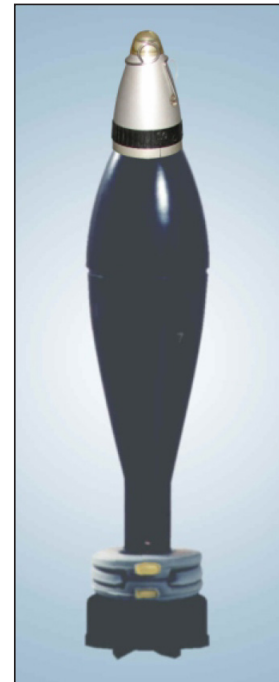


# 81/82 mm, M09P1 HE mortar shell

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## TECHNICAL DATA:

Length of shell with fuze	400 mm
Mass of mortar shell with fuze	3180 g
Explosive charge is hexolite trotyl	(TNT)
Mass of explosive charge	680 g
Shell is assembled with impact fuze	UT M93-N
Muzzle safety at lowest initial velocity is	50 m
Shell is completed with ignition cartridge and six increment charges	(0+6)
Ignition cartridge M09	waterproof
Reliable function of shell is obtained within temperature range of	-46°C to 63°C
High safety during transportation, handling and parachuting	



## BALLISTIC DATA FOR MORTAR:

When using 81/82 mm Mortar M69 B-D, barrel length	1450 mm:
Maximum range (0+6)	5070 m
Minimum range (0)	91
Max mean operating pressure in mortar	647 bars
Killing range (1 penetration/m <sup>2</sup> ) radius	14 m

## PACKING:

1 complete shell per carton	
5 cartons per wooden box	
Box dimensions	54 x 44 x 16 cm
Total mass	29 kg
Total volume	0,038 m <sup>3</sup>