

120 mm, Mk12P1 HE mortar shell

TECHNICAL DATA:

Length of shell with fuze	800 mm
Mass of mortar shell with fuze	14.800 g
Explosive charge is hexolite (RDX/TNT) OR trotyl (TNT)	
Mass of explosive charge	2900 g
Shell is assembled with impact fuze	UTU M93P SQ/D
Muzzle safety at lowest initial velocity is	50 m
Shell is completed with ignition cartridge and eight increment charges	(0+8)
Ignition cartridge M12	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 120 mm mortar M75, barrel length	1500 mm
Maximum range (0+8)	7400 m
Minimum range (0)	255
Max mean operating pressure in mortar	961 bars
Killing range (1 penetration/m ²) radius	24 m

PACKING:

1 complete shell per carton	
5 cartons per wooden box	
Box dimensions	93 x 35 x 18 cm
Total mass	44 kg
Total volume	0,058 m ³

