

105 MM HE M1

This round is used for 105 mm howitzer M52 and M52A1 (M49 gun), M101 and M101A1 (M2A1 and M2A2 guns), M108 (M103 gun) and M56 Pack Howitzer.

Used against personnel and material, producing fragmentation effects and shock wave..



TECHNICAL CHARACTERISTIC

ROUND		RANGE	
Type:	Half-crimped, HE	Approximate max. range	11,270 m
Model:	M1		
Length:	790 mm		
Mass:	19.7 kg		
PROJECTILE		PRESENTATION OF THE PRODUCT	
Type:	HE	1 round in watertight carboard case	
Body material:	Forged steel	2 cardboard cases in wooden case	
Length:	399 mm		
Charge (2 options):		Cases with 2 rounds:	
TNT:	2.2 kg	• Weight:	55 kg
Composition B:	2.3 kg	• Length:	944 mm
		• Width:	308 mm
Marks:	Yellow	• Height:	196 mm
Mass:	14.5÷15.5 kg (depending of the weight zones)	• Volume:	0.057 m ³
CASE		CLASSIFICATION	
Model:	M14	ONU No.:	0321
Material:	Brass	NSN:	1315-33-002-2004
Length:	372 mm	Group:	1.2 E
Mass:	2.68 kg		
PRIMER			
Type:	Percussion		
Model:	M55A		
PROPELLING CHARGE			
Type:	Single base		
Designation:	M67		

Once the fuze setting time has elapsed, the fuze operates and ignites the expulsion charge. The combustion gases separate the flare and the parachute and also produce ignition of the flare. At this time the opening of the flare fins takes place and its rotation is braked.