

105 MM HIGH EXPLOSIVE (HE) M1



The 105 mm HE M1 manufactured with either TNT or Composition B filling is a semi-fixed ammunition with a M67 propelling charge that can be adjusted incrementally to obtain different ranges. The HE M1 can be fired from most howitzers.

General Dynamics Ordnance and Tactical Systems (GD-OTS) offers a full range of 105 mm artillery ammunition including high-explosive, illuminating and smoke rounds as well as fuzes and components. Our HE fillings, which consist of TNT or Composition B, produced in our melt and pour facility meet all critical safety factors.



GENERAL DYNAMICS
Ordnance and Tactical Systems-Canada
ISO 9001 Certified

105 MM HE M1

TECHNICAL DATA	
Cartridge length (with fuze)	789 mm
Cartridge weight	18.7 kg
Projectile length (with fuze)	495 mm
Projectile weight (with fuze)	14.9 kg
Explosive charge	Compo B, 2.1 kg

COMPONENTS	
Fuze	M739 series, MOFA C32A1 or equivalent
Primer	M28A2
Cartridge case	M14
Propelling charge	M67

BALLISTICS (with M67 charge system)	
Nominal muzzle velocity	465 m/s in M101; 494 m/s in M102/M119
Maximum range	11.3 km

