

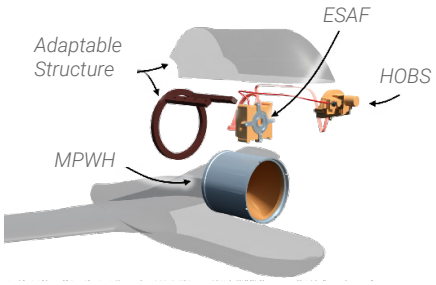
MULTI-PURPOSE WARHEAD

125mm

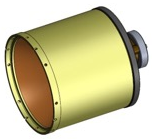
MISSILES SUBSYSTEMS | WARHEADS AND PAYLOADS

OVERVIEW

General Dynamics Ordnance and Tactical Systems (GD-OTS) is a global leader in the design and development through production of lethal payloads for an array of applications. Our experience is built on decades of knowledge, skill, and expertise. Today's warfighters need weapons that offer the flexibility to engage multiple types of targets, ranging from heavy armor to personnel. GD-OTS combined our world-class shaped charge with blast fragmentation technology to meet users' multipurpose lethality requirements.



Warhead + ESAF Length ~6.5in



Weight ~5.5lb
Diameter ~5in
Length ~5.5in

World-class high explosive anti-tank, anti-personnel, anti-materiel warhead

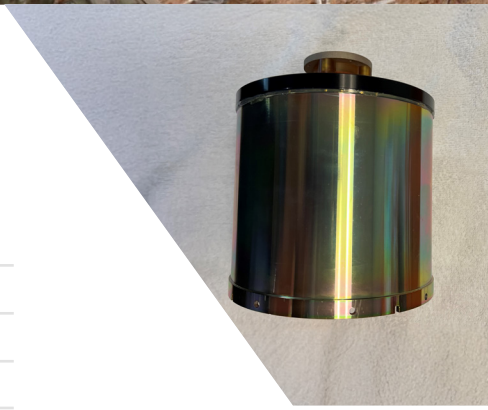
- Shaped charge liner provides excellent heavy-armor defeat performance
- Steel body provides highly effective fragmentation for multi-purpose defeat of softer targets
- Modular, qualified, in high-rate production, combat-proven
  - + Main charge warhead on the Javelin missile
  - + Warhead on multiple loitering munitions
  - + Readily available capacity for additional production requests
- GD-OTS can provide complete lethal payload package
  - + Have relationships with multiple providers
    - Electronic Safe, Arm, and Fuze (ESAF)
    - Proximity/Height of Burst (HoB) Sensor
- GD-OTS can provide final platform/payload integration

GENERAL DYNAMICS
Ordnance and Tactical Systems

MULTIPURPOSE WARHEAD

125mm





Example MPWH Effectiveness

EXAMPLE TARGET SET	GENERAL CAPABILITY
Heavy Armor with Explosive Reactive Armor	Highly Effective with Additional Precursor
Heavy Armor	Highly Effective
Armored/Infantry Fighting Vehicles	Highly Effective
Armored Personnel Carriers	Highly Effective
Mine Resistant Ambush Protected Vehicles	Highly Effective
Engineering Vehicles and Equipment	Highly Effective
Trucks, Jeeps, Cars	Highly Effective
Artillery	Effective
Multiple Rocket Launchers	Effective
Surface to Air Missile Launchers	Effective
Radars	Effective
Command Posts and Comm Stations	Effective
Small Boats	Effective
Personnel in the Open	Effective

Lethality/Effectiveness is complex based on many factors such as shot placement, angle of attack, proximity, etc. Please consult with the U.S. Army Tactical Aviation and Ground Munitions Program Office (PM TAGM) for more specific lethality information.

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