

BlackThorn™ 40

Any mission. Any platform.



BAE SYSTEMS

Product Overview

BlackThorn™ 40 is a mission-configurable warhead built around the mission rather than the platform. From a common architecture, the customer can match the right effect to each target, whether that's an autonomous systems mission, a loitering munition mission or a counter-UAS mission. Common interfaces allow for rapid integration, and the architecture can evolve as threats and platforms change.

Key Features

- Multi-role effects
- Blast, fragmentation and anti-armour capability
- Platform-agnostic architecture
- Electronic safety and arming
- Modular design
- Rapid integration
- Low integration burden

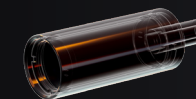
Suitable Platforms

- Mini missiles
- Strike drones
- Unmanned Aerial Vehicles (UAV)
- Unmanned Ground Vehicles (UGV)
- Ground Based Air Defence (GBAD) effectors

Configuration Options

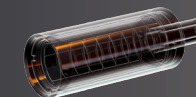
Blast Warheads

Effective against structures, equipment, and critical systems, providing effective area coverage and reliable mission-kill capability against a broad spectrum of targets.



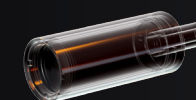
Enhanced Fragmenting

Combines blast and optimized fragmentation effects to deliver widespread target coverage and effective defeat of exposed equipment, critical systems, and lightly protected assets. Designed to provide reliable area effects and enhanced target neutralization capability.



EFP

Enables efficient defeat of protected targets through concentrated energy delivery and localized target damage. Designed to provide reliable, stand-off engagement capability against demanding threats.



Technical Specifications

<i>Configuration</i>	<i>Diameter (mm)</i>	<i>Length (mm)</i>	<i>Mass (kg)</i>
Blast	40	96	0.35
Enhanced Fragmenting	40	96	0.35
EFP	40	96	0.37

BlackThorn is a modular and configurable warhead, also available in 70mm and 120mm configurations

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e: mandlsales@baesystems.com

w: baesystems.com/blackthorn

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