



ABM/KETF 30 MM x 173 AMMUNITION/PMC308

AIR BURST MUNITION/KINETIC ENERGY TIME FUZE

- KETF ammunition, based on the NATO qualified AHEAD technology, contains an Electronic Timer Module which is programmed inductively at the muzzle with compensation for variations in projectile velocity to ensure precise down-range payload release.
- The payload consists of 162 cylindrical tungsten alloy sub-projectiles, each weighing 1.24 g, which are released by a small ejection charge (0.5 g) just ahead of the target.
- The individual sub-projectiles are spin stabilised and form a lethal cone of “fragments”, which significantly increases hit probability, especially at extended ranges.
- The lethality of the KETF ammunition can be adjusted by varying the stand-off distance at which the sub-projectiles are released in front of the target and the number of rounds fired.
- The ability to adjust the stand-off distance, ensures that KETF ammunition is able to defeat a wide range of modern battlefield threats including, IFVs, ATGM bunkers, dismounted troops and helicopters.
- KETF ammunition based on the AHEAD technology is the ideal solution for the modern vehicle armament role, as well as for the terrestrial air defence, and naval applications.

MAIN FEATURES

Performance	Defeats a wide range of targets
Firing mode	Single shot and automatic mode
Safety	Insensitive munition (0.5 g HE)
Environment	No toxic elements
Transport/Storage	UN Classification 1.2E
Gun/System	MK30-2/ABM, MK44 BushmasterII

TECHNICAL DATA

Total length of round	290 mm
Mass of round	approx. 830 g
Mass of projectile	360 g
Mass of payload	201 g (tungsten-alloy)
Propellant	NC type
Muzzle velocity	1,100 m/s
Cartridge case	Steel
Temperature range (functional)	-46°C to +63°C
Fuze programming at the muzzle	
Muzzle safety	>60 m
Time resolution	2 ms
Self destruct	8.2 s (approx. 4 km)
Dispersion	≤0.5 mil

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