



HE-MOM

This ammunition has been developed by Oto Melara to increase the performance of the 76/62 Gun Mount by enhancing its multirole performance.

The particular feature of this ammunition is the preformed fragmentation warhead, which optimizes the number, size and velocity of the fragments. This fragmentation maximizes the terminal effectiveness against the target and increases the effective area of the ammunition.

MOM is a multi-role ammunition and can be used effectively against both air (missiles, aircraft or helicopters) and surface targets.

The fragmentation performance of MOM is well-suited for the effective engagement of light armoured targets.

The projectile body is made of special high quality steel; preformed fragments (cubes of tungsten alloy) are held in position around the projectile body by steel liners.

The projectile is loaded with Composition A3 Explosive.

When the projectile bursts, the heavy metal cubes, are projected at very high velocity due to the considerable weight of the explosive charge.

The high specific weight and initial velocity of the cubes ensure an effective penetration over a significantly increased area.

The proximity fuse makes the HE-MOM projectile very effective also in the anti-ship role. When the proximity function is paralysed, the fuse delayed impact action ensures that the projectile penetrates the hull before bursting.

The projectile is designed to penetrate up to 6-mm steel while fragmentation remains very efficient.