

M100 Grenade Rifle Entry Muniton (GREM)



Specifications

Length: 30.14 inches

Length without standoff: 15.41 inches

Length of standoff: 14.74 inches

Weight: 1.37 pounds

Minimum firing range: 15 meters

Maximum firing range: 40 meters

Maximum angle of fire: 20 degrees

Muzzle velocity: 41 mps (average)

The M100 Grenade Rifle Entry Muniton (GREM) is a rifle-launched entry muniton mounted on a M16A2 or M4 that is designed to breach doors. The GREM is launched by firing a 5.56mm cartridge (M855 ball or M856 tracer ammunition). It has three major components: the tail fin assembly (which contains the bullet trap, fuze, and the pyrotechnic lead charge), the warhead, and the standoff rod.

The GREM offers an alternative to close-proximity door-breaching tools such as door rams and shotguns. The GREM mitigates Soldier risk by eliminating Soldier exposure when performing door-breaching operations. The stand-off distance also provides an element of surprise against the target.

