

# M2A2 Quick Change Barrel

12.7x99 mm NATO  
.50 Cal. Browning Machine Gun

## Specifications

Caliber	12.7x99 mm NATO (.50 Cal.)
Max Effective Range (approx)	1,829 m (2,000 yds)
Max Range (approx)	6,767 m (7,400 yds)
Muzzle Velocity (approx)	929.64 mps (3,050 fps)
Rate of Fire (cyclic)	450-635 rpm
Weight of Gun (approx)	38.10 kg (84 lbs)
Weight of Barrel	11.79 kg (26 lbs)
Length of Gun	165.43 cm (65.13 in)
Length of Barrel	114.30 cm (45 in)
Number of Lands and Grooves	8
Twist, Right-Hand	One turn is 38.10 cm (15 in.)
Feed	Link-Belt
Operation	Short Recoil
Firing Mode	Single Shot, Full Automatic
Feeding	Disintegrating Link Belt (M2 or M9 Link)
Cooling	Air
Operational Temp.	-54C (-62.5F) / +63C (145.5F)
*Note: Photo shown with optional M3 tripod with Pintel and Traversing Elevation Mechanism. All measurements are for weapon only.	



The M2A2 QCB is a proprietary design of U.S. Ordnance and is one of our specialties. Our M2A2 QCB is constructed to exceed military and quality standards of MIL-DTL-001298D. Each weapon is manufactured and built with high attention to detail and multi-stage quality inspection. Every system and component undergoes high pressure test and magnetic particle inspection. Each barrel is velocity and accuracy tested and each system is live fire function tested before delivery. US Ordnance guarantees your M2A2 QCB will outperform all heavy weapon systems currently in service.

## Weapon

The U.S. Ordnance M2A2 Quick Change Barrel (QCB), with Fixed Headspace and Timing Machine Gun, operates in the same manner as the M2HB machine gun, but offers the added features of fixed headspace, fixed timing, and a quick-change barrel. Our M2A2 QCB System greatly increases the optimum level of safety and efficiency for warfighters in operating environments and allows barrel changes to happen in 10 seconds or less. These improved features, in comparison to the M2HB, reduce operational exposure time to enemy fire and returns the weapon quickly to operational condition after barrel change. Our M2A2 QCB System uses a *SINGLE* breech lock system with proprietary materials used in the operating group to greatly improve system performance and minimize the system going out of headspace during use.

The U.S. Ordnance M2A2 QCB is an air-cooled, belt-fed, machine gun that fires from a closed bolt and operates on the short recoil principle. The M2A2 QCB is capable of both sustained automatic and accurate single shot fire. This weapon is highly versatile on numerous combat platforms and can be used effectively against personnel, light armored vehicles, and low flying/slow flying aircraft.

Ammunition may be fed from either the left or the right side of the gun, making it suitable for use by infantry troops, armored fighting vehicles, remote weapon stations, and aircraft.

M2HB machine guns can be converted to a U.S. Ordnance M2A2 QCB weapon system with our A2 conversion kit by an armorer at the customers location in less than 30 minutes per weapon without complex tools and machines.

## Key Features

- Fixed headspace and timing eliminates safety concerns associated with barrel changing and improper timing and eliminates need to adjust headspace at the operator level.
- Improved barrel handle simplifies hot-barrel changes.
- Quick Change Barrel alignment and retention system ensures barrel is securely locked and aligned
- Can be fitted to all types of armored, light and heavy vehicles, patrol boats, helicopters and other aircraft to meet combat needs.
- Variety of NATO mounting applications available.
- Can be fired manually or by solenoid.
- Fires all types of NATO ammunition: Ball, Tracer, AP, API, APIT, AP Hardcore and Multipurpose.
- Sustained automatic or single-shot firing.
- Fires from the closed bolt for single-shot accuracy.
- Converts from left-hand to right-hand feed.
- Simple, durable, and rugged design for ease of maintenance.

## Available Options

- Optional positive safety selector for the trigger mechanism to prevent accidental discharges when traveling over rough terrain while manning the weapon system.
- Optional quick detach flash reducer.

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**ISO 9001:2015**  
QUALITY MANAGEMENT SYSTEM  
CERTIFIED BY DNV  
100% USA Made