



SMALL ARMS EVALUATION TEAM

JANUARY 2020

MAUSER MODEL 1898 - BOLT ACTION SERVICE RIFLE (7.62x51MM)



Gewehr 33/40 Carbine

The Mauser Model 1898 service rifle (c. 1898) was designed by Paul Mauser and is considered a classic in bolt action design due to its controlled round feeding (CRF) that helps ensure reliable chambering and extraction.

The Winchester Model 70 sporting rifle uses the same action (no stripper clip guide) but with the addition of a coned breech, side-swing safety, and pivoting magazine floorplate with a captive magazine spring and follower, while the Ruger GSR variant of the M98 uses quick detachable magazines (3/5/10 rounds).

The M98 safety catch is best replaced with a side-swing safety

if a telescopic sight is fitted to allow it to be mounted low over the action for optimum utility.

We recommend a short barrel carbine like the G33/40 service rifle, the Winchester M70 Featherweight Compact and Ruger GSR chambered for the 7.62x51mm (.308W) round that is widely used today, not the obsolete (for military use) 7.92x57mm round commonly used in Mauser M98 type service rifles including the G33/40. Israeli variants of the M98 are typically chambered for the 7.62x51mm round, having been manufactured in this caliber or fitted with 7.62x51mm barrels if

originally chambered for the 7.92x57mm round.

M98 service rifles with the enlarged 'winter' triggerguard are best avoided as the entire floorplate/triggerguard assembly must be removed (screwdriver needed) to clean the magazine.

Service rifles with non-detachable magazines and stripper clip guides are best used with forward mounted optics like Aimpoint's Micro H-1 red dot sight or a long eye relief scope like the Burris 2.75x20 Scout Rifle scope so they can be quickly reloaded with said strips, which allow much easier and faster magazine reloading than single loading rounds.

AIMPOINT MICRO H-1



A red dot sight like the H-1 or Aimpoint's smaller Acro C-1 is ideal for close range use and can be mounted via a Picatinny rail attached to the rear of the barrel behind the front sight of an M98 service rifle.

A reproduction of the WW2 era ZF39 4x sniper scope and SSR side mount and base are

available from Accumounts, but for practical use we favor WARNE two piece steel bases and QD rings to fit a Leupold VX-R Rifle scope 2-7x33mm with the FireDot Duplex illuminated reticle and a CDS drum for your load that makes it much better for general use than WW2 era scopes.



RECOMMENDED ACCESSORIES

Handbook

Mauser Rifles & Carbines Handbook. [Ray Riling Arms Books Co.]

Log Book

Firearm Usage & Maintenance Log Book. [Blackheart International]

Cleaning Kit

M48 Cleaning Kit. [Mitchell's Mausers]

Cleaner/Lubricant

Slip 2000 725 / Slip 2000 EWL. [Slip 2000]

Broken Shell Extractor

.308 Broken Shell Extractor. [C.J. Weapons Accessories]

Dry Fire Rounds

.308 Win Snap Caps. [Lyman Products Corporation]

Recoil Pad

Kick Killer Slip-On Butt Pad. [Action Products, Inc.]

Stripper Clips

Nickel Plated 8mm Stripper Clips. [Numrich Gun Parts Corporation]

Bandolier

Mosin Nagant Bandolier. [Strike Hard Gear]

Ear Plugs

EarPro EP3 or EP4. [SureFire]

Sling

German WWII Mauser 98K Rifle Leather Sling. [IMA-USA]

Bayonet

Reproduction K98 Bayonet with Scabbard. [At The Front]

HOT TIP

The magazine spring can suffer metal fatigue from regular use so replace it every five years.