

Like the Lever Action, Rolling Block rifles were common in the old west, and they are still used today for long range shooting and certain target competitions.

Like Breach Block rifles, Rolling Block rifles are also single shot.

With Rolling Block rifles, the shooter first pulls the hammer to cock the action, and make way to open the chamber, then the shoter depresses a small lever on the top of the gun which opens the rear of the chamber or the Rolling Block, so named because the Block rolls down out of the way. In order to fire the gun, a single cartridge is inserted and the rolling block closed. The shooter repeats the process to manually extract the cartridge and load another.

Barrels

The barrel of a rifle is the tube through which a bullet is fired. Inside the rifle's barrel, grooves are cut into the metal. This is called rifling, a term which gives the firearm its name. The metal left between grooves is called a land. It is the lands which slightly grip (bite into) the bullet to give it the correct spin or spiral as it goes through the barrel. Spinning makes the bullet go straighter and farther, not unlike a correctly passed football. This helps stabilize the bullet, to prevent the bullet from tumbling and/or from flying sideways on its way to the target.

The amount of spin applied to a bullet as it travels down a barrel is optimized, by the factory, for the caliber and the typical bullet weights that are used in the firearm. The rate of spin imparted on a bullet by the barrel is generally referred to as the Rate of Twist, and is usually stated as a ratio, for example 1 in 14" would mean the bullet turns once as it travels 14" in the barrel.

Edit Note: can you show a football being thrown end over end and then with a spiral.

Action Length (previously Receiver/Bolt)

The Action is the combination of the receiver and bolt, together with the other parts of the mechanism by which a firearm is loaded, fired and unloaded.

Generally, rifles are broken down into three different action lengths depending on the cartridge selected; a short action length will handle cartridges such as the 223 Remington, 243 Winchester, 7mm-08 Remington and 308 Winchester; a long action length will handle 270 Winchester, 280 Remington, 30-06 Springfield, and 7mm Remington Magnum; and a magnum action length will handle the larger and longer magnum cartridges such as 375 H&H.

Edit note: Can show picture to help differentiate short action vs long action receivers

The different action lengths usually provide for different weights, so that a short action firearm will weigh a bit less than the long, and so on. The shorter action rifles will also provide for a shorter bolt travel distance during the cycling of the firearm.

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Single Shot / Break Action (Information needed?)

Level Action (Information needed?)

Rolling Block (Do you need this much information? What should we cover here?)

Original Rolling Block rifles are once again available from Remington in two versions, the Sporter, and a Silhouette competition rifle. The Sporter combines a 36-inch round barrel with a pistol-gripped sporter stock of American walnut with sharp-cut checkering on both fore-end and butt-stock. Both barrel and receiver have a polished, blued finish. The barrel is fitted with an adjustable, center-notch buckhorn rear sight and a front blade sight chambered for the .45-70 Government smokeless powder cartridge, with 1 turn in 16". This latest page from our history creates over-the-counter availability of a genuine Remington Rolling Block rifle for collectors and tradition-minded hunters and shooters.

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