



KEY PRODUCT DIFFERENCES

Savage Arms' new MSR lineup of next-generation modern sporting rifles is crafted with care and flush with features designed to deliver unparalleled accuracy and performance in an AR platform.

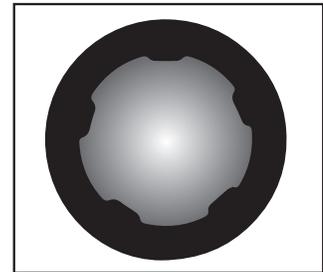
5R RIFLING

All-new Savage MSRs feature a twist on rifling that boosts accuracy and reduces barrel fouling. As most shooters know, rifling improves accuracy by spinning the bullet as it travels down the barrel—giving it gyroscopic rotation that stabilizes it in flight.

Rifling consists of grooves cut in the barrel, along with “lands” that keep the bullet on track. Standard rifling features a symmetrical series of four to six lands and grooves positioned directly across from each other.

It's a great system, except that 90-degree corners formed where the lands meet the grooves are hard to clean, so fouling tends to build up, eventually degrading accuracy. Plus, orienting lands directly across from each other constricts the bullet tightly, which can lead to bullet deformation that can affect accuracy.

In 5R rifling, lands are slightly slanted, in a more polygonal shape, so they're easier to clean and less prone to collect accuracy-robbing fouling. Plus, lands are lined up across from grooves, cradling the bullet just enough to spin the projectile without unnecessary constriction.



MELONITE QPQ PROTECTION

To ensure its new MSR barrels stand up to the harshest conditions and years of serious shooting, Savage protects them inside and out with an extremely durable surface hardening treatment known as Melonite QPQ.

Short for “quench, polish, quench,” the thermochemical nitrocarburizing process produces a long-lasting, non-reflective finish that's harder than chrome and offers a lower coefficient of friction, providing wear and corrosion resistance far superior to standard coatings and platings.



CORRECT GAS SYSTEM LENGTHS

The direct impingement gas systems used on many modern sporting rifles can be incredibly reliable when the gas system length is matched to that of the barrel. However, many rifles today have 16-inch, mid-length barrels paired with a carbine-length gas system intended for use with a 14-inch carbine barrel. This creates an over-gassed situation that increases recoil and reduces accuracy and durability.

All Savage MSR 15 models with 16-inch barrels feature the appropriate mid-length gas system to alleviate this problem. In the case of the MSR 10, the company took the extra step of customizing each rifle's gas cycling system to the length of the barrel, extending the dimensions beyond those typical of other manufacturers to optimize pressures even more.

BETTER TRIGGERS

A crisp, light, dependable trigger is vital to achieving optimum accuracy, which explains why Savage armed its new MSRs with high-quality trigger systems that are the envy of other ARs.

The MSR 15 Patrol features a proven mil-spec trigger, while the MSR 15 Recon and MSR 10 Hunter have premium BLACKHAWK!® AR Blaze™ trigger systems with exclusive surface technology that reduces creep while permanently ensuring a smooth pull and clean break, with no lubrication.

Aimed at the extreme distance shooter, the MSR 10 Long Range is outfitted with a BLACKHAWK! AR Blaze two-stage target trigger, the quality of which is typically only found on custom-built match rifles.



PRECISION CRAFTSMANSHIP

Savage is no stranger to creating rifles famed for world-class accuracy and reliability. Like their bolt-action siblings, the company's new semi-auto MSRs receive the same meticulous attention to detail, including the control of critical dimensions such as the headspace.

Toward that end, each barrel is also precisely button rifled on Savage's state-of-the-art machinery, in America, by seasoned craftsman. Each and every barrel is double-checked for geometric consistency, to ensure the accuracy expected from a Savage.