

HELIX  PRECISION

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[HELIX6PRECISION.COM](https://www.helix6precision.com)

PHONE: 360.314.2122 | EMAIL: [INFO@HELIX6PRECISION.COM](mailto:info@helix6precision.com)

PROUDLY MADE IN USA



PRODUCT LINEUP 2023



ABOUT

ABOUT HELIX 6 PRECISION

Helix 6 Precision exists to push the limits of innovation. Today, carbon fiber has been refined to exceptional levels of durability. And Helix 6 Precision is not just another company wrapping carbon around the barrels. We've taken the industry's most advanced carbon fiber engineering and pushed the technology further with proprietary processes. Our technology employs stringent quality control, and unsurpassed attention to detail – resulting in the ultimate performance for you.

Exceptional engineering and driven passion combine to create the best carbon fiber barrel on the market. We continue to push the limits of innovation to improve our process and products. Helix 6 uses only premium materials and cutting edge manufacturing technology to produce the highest quality handcrafted carbon fiber barrel on the market today.

Beginning as match grade, 416R stainless steel cores, our barrels are button rifled and painstakingly hand lapped. Using stringent quality control and scrupulous attention to detail we precision wrap woven carbon fiber to each core using a proprietary process. The result: a custom barrel that is lighter, stronger, more accurate, and faster cooling than anything available on the market.

100% MADE IN USA.

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PRODUCT FEATURES



INCREASED ACCURACY

Exceptional accuracy from our proprietary carbon wrap process



THERMAL DISSIPATION

Increased thermal cooling due to high carbon/ low resin ratio



LIGHTWEIGHT

50% lighter than a steel barrel of equal contour



HARMONIC DAMPENING

Unique carbon layup design dampens barrel harmonics for better accuracy



BUTTON RIFLED

Proven to provide the most uniform bore for match grade accuracy



HAND LAPPED BORE

To reduce fowling and increase accuracy





**RUGER PRECISION
RIFLE PRE-FIT**

RUGER PRECISION RIFLE PRE-FIT BARRELS

Improve your Ruger Precision Rifle with Helix 6 Precision's pre-fit carbon fiber barrels. Ready to install on your RPR, you need only run a go/no-go gauge and head to the range! Featuring hand lapped button rifled 416R Stainless steel cores wrapped in carbon fiber using our proprietary process. These barrels will exceed your highest demands in accuracy and performance.

OPTIONS:

CALIBER	LENGTH	TWIST	WEIGHT
6MM Creedmoor	24"	1-8	2lb 14oz
6.5 Creedmoor	24"	1-8	2lb 12oz
308 Win	24"	1-8	2lb 11oz
300 Win Mag	26"	1-10	3lb 5oz
.338 Lapua Mag	26"	1-9.4	3lb 5oz

SAVAGE PRE-FIT BARRELS

Helix 6 Precision's Savage pre-fit barrels offer end-users the ease of self-installation. Featuring hand lapped button rifled 416R Stainless steel cores wrapped in carbon fiber using our proprietary process. Capable of your highest demand in accuracy and performance after a simple go/no-go gauge check!

OPTIONS:

CALIBER	LENGTH	TWIST	WEIGHT
22-250 Rem	26"	1-8	3lb 3oz
243 Win	26"	1-8	3lb 2oz
6mm Creedmoor	26"	1-8	3lb 2oz
6.5 Creedmoor	26"	1-8	3lb 1oz
6.5-284	26"	1-8	3lb 1oz
6.5 PRC	26"	1-8	3lb 1oz
7MM Rem Mag	26"	1-8	2lb 15oz
7MM PRC	26"	1-8	2lb 15oz
28 Nosler	26"	1-8	2lb 14oz
300 Win Mag	26"	1-10	2lb 14oz
300 PRC	26"	1-9	2lb 14oz



**SAVAGE
PRE-FIT BARRELS**



**SAVAGE
PRE-FIT BARRELS**

SIG CROSS PRE-FIT BARRELS

Take your SIG CROSS to the next level with a pre-fit carbon fiber barrel from Helix 6 Precision. You need only run a go/no-go gauge after installing your new carbon fiber pre-fit barrel and head to the range! Helix 6 Precision barrels will exceed your highest demands in accuracy and performance. Our CROSS barrels are hand lapped button rifled 416R Stainless steel cores wrapped in carbon fiber using our proprietary process for rigidity, heat dissipation, harmonic dampening, and weight reduction.

OPTIONS:

CALIBER	LENGTH	TWIST	WEIGHT
6mm Creedmoor	20"	1-8	2lb 1oz
6.5 Creedmoor	18"	1-8	2lb 1oz
.308	16"	1-10	1lb 15oz

CARBON FIBER BARREL BLANKS

Helix 6 Precision's carbon fiber barrel blanks arrive ready for fitting by your professional gunsmith. Each barrel features hand lapped button or cut rifled 416R stainless steel cores. All steel cores are large enough to accept up to a 5/8-24 muzzle thread. Each barrel blank finishes at or under 26"/28" - .375 barrels at or under 33". Weight is reduced approximately 1.4 oz per inch removed. Wrapped in carbon fiber using our proprietary process, Helix 6 blanks are capable of your highest demand in accuracy and performance.

OPTIONS (BUTTON RIFLED):

CALIBER	LENGTH	TWIST	SHANK	WEIGHT
.224	26"	1-8	1.200"	3lb 7oz
.243	26"	1-8	1.200"	3lb 5oz
.264	26"	1-8	1.200"	3lb 4oz
.277	26"	1-7	1.200"	3lb 4oz
.284	26"	1-8	1.200"	3lb 3oz
.308	26"	1-10	1.200"	3lb 2oz
.338	28"	1-9.5	1.250"	3lb 13oz

OPTIONS (CUT RIFLED):

CALIBER	LENGTH	TWIST	SHANK	WEIGHT
.224	26"	1-6.5	1.200"	3lb 7oz
.243	26"	1-7.5	1.200"	3lb 6oz
.257	26"	1-7.25	1.200"	3lb 4oz
.264	26"	1-8	1.200"	3lb 4oz
.284	26"	1-8	1.200"	3lb 3oz
.284	28"	1-8	1.250"	3lb 10oz
.308	26"	1-10	1.200"	3lb 2oz
.308	28"	1-8	1.250"	3lb 9oz
.338	28"	1-9.5	1.250"	3lb 8oz
.375	34"	1-9.5	1.350"	5lb 4oz

Listed weights reflect maximum length (26"/28"/33"), typically resulting in lower finished length and weight.

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**CARBON FIBER
BARREL BLANKS**

CARBON FIBER AR BARRELS

Helix 6 Precision's carbon fiber AR barrels come complete with barrel extensions. Simply install, headspace, and head to the range. Our AR barrels use hand lead lapped button rifled 416R stainless steel cores for outstanding accuracy and durability. Barrels feature a stainless pre-drilled section for optimal gas tube length based on caliber and finished barrel length. Wrapped in carbon fiber using our proprietary process, Helix 6 AR barrels are significantly lighter and manage heat better than traditional barrels, enhancing your performance and the life of the barrel.

OPTIONS:

CALIBER	LENGTH	TWIST	GAS TUBE	WEIGHT
.223 Wylde	14.5"	1-8	Mid	24 oz
.223 Wylde	16"	1-8	Mid	26 oz
.223 Wylde	18"	1-8	Mid	30 oz
6mm ARC	16"	1-7	Rifle	26 oz
6mm ARC	18"	1-7	Rifle +1	29 oz
6mm ARC	20"	1-7	Rifle +1	31 oz
6.5 Grendel	18"	1-8	Rifle	28 oz
6.5 Grendel	20"	1-8	Rifle	30 oz
6.5 CM	20"	1-8	Rifle +2	44 oz
6.5 CM	22"	1-8	Rifle +2	46 oz
6.5 CM	24"	1-8	Rifle +2	48 oz
308 Win	16"	1-10	Intermediate	32 oz
308 Win	18"	1-10	Rifle	37 oz
308 Win	20"	1-10	Rifle	39 oz

AR15 BOLT



PRODUCT DETAILS

- 9310 MPI TESTED
- .136 DEPTH TYPE II
- BLACK NITRIDE FINISH
- MPN: ARB-65G2

.223 AR Barrels have 1/2 x 28 muzzle threading.
All other AR Barrels have 5/8 x 24 muzzle threading.

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CARBON FIBER
AR BARRELS

