

# **REBARRELING WORKSHEET**



UPDATED FEBRUARY 27, 2019

We have a full-service riflesmithing shop located in our barrel factory, and we can rebarrel your rifle with a Hart Rifle Barrel and get your rifle 100% ready for competition level shooting.

This worksheet will help guide you as you provide our gunsmiths with the necessary information to rebarrel your rifle with a Hart barrel. Review the contents below and make notes of the specifications that you want for your barrel and how you'd like it installed on your rifle. Then, call us at **1-315-677-9841** to place your order.

## **REBARRELING SERVICES**

From barrel threading to chambering, crowning and polishing, to installing the barrel to your action—we can rebarrel your rifle with a new Hart Rifle Barrel and get your rifle 100% ready for extreme accuracy.

Please note: we do not sell rifle actions. You must supply us with an action for all rebarreling jobs.

## **BARREL BLANKS**

Hart Rifle Barrels are acclaimed by experts as the most accurate rifle barrels in the world. In addition to our rebarreling services, we produce barrel blanks that can be sent out for customers to thread and add to their rifles themselves. **For more information or to order a barrel online visit [hartbarrels.com](http://hartbarrels.com).**

## **FINISHED BARRELS**

We do not offer pre-threading on most barrels because we believe that a good barrel is only part of the process of building a high-quality custom rifle. When we rebarrel your rifle, we true-up the action as part of the job, which we feel is very important for a rifle to reach its full potential.



**Call 1-315-677-9841  
to place your order**

That said, we have recently begun to offer finished barrels for a limited list of rifle types (AR-10, AR-15, Savage Rifles, Ruger 10-22, and Ruger 77-22).

Please call (315) 677-9841 for more information.

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CALL 1-315-677-9841 TO PLACE YOUR ORDER



**NAME** \_\_\_\_\_

**ADDRESS** \_\_\_\_\_

**PHONE #** \_\_\_\_\_

**EMAIL** \_\_\_\_\_

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## STEP 1: SELECT CALIBER & TWIST

We offer a range of calibers, ranging from 20 to 50 caliber. Select your preferred caliber, and select the twist rate from the corresponding options in the chart below.

CALIBER	6 GROOVE	5 GROOVE	3 GROOVE
20	7", 9", 10", 11", 12"		
22 RF	14", 16", 17"		16"
224 CF	6", 7", 8", 9", 10", 12", 14", 15", 16"	14"	14"
6mm (243)	6", 7", 8", 9", 10", 12", 14", 15", 16"	8", 14"	14"
25	9", 10", 12"		
6.5 mm (264)	7", 8", 9", 10"	7", 8"	
270	8", 9", 10", 12"		
7mm (284)	8", 9", 10", 12"	8"	
308	7", 8", 9", 10", 11", 12", 13", 14", 15", 16", 17", 18"	10", 10" Lefthand, 12"	
35	12", 14"		
338	8", 9", 10"	9", 10"	
375	12"	8"	
45		14", 20"	
50	21", 26"		

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## STEP 2: SPECIFY CONTOUR

We can turn just about any contour. Most manufacturers' contours are pre-programmed into our CNC lathe. Standard contours from Douglas, Shilen, Krieger, Bartlein and many others are also available. Contact us if you have something special in mind. You can also send us a barrel to copy or even a sketch of your idea!

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### CONTOUR EXAMPLES

#### DOUGLAS

- #1 1,000 Yard Benchrest
- #2 Max Heavy Varmint
- #3 Regular Heavy Varmint
- #4 Undersized Heavy Varmint
- #5½ High Power Over The Course
- #6 Magnum 1,000

#### STRAIGHT

#### FACTORY

- Remington Varmint
- Remington Mag
- Remington ADL, BDL
- Remington Mountain Taper

Where possible, we suggest using as heavy a barrel as it is feasible, for it is an established fact that heavier barrels produce better accuracy, especially over longer courses of fire.

## STEP 3: SELECT FLUTING (OPTIONAL)

Although fluting can reduce the weight by up to a half pound, it is not a necessary step to make your barrel more accurate. Most shooters decide to flute their barrel simply for the look. Fluting allows you to use a larger diameter barrel and have the same weight as a smaller barrel. If you would like to flute your barrel, we recommend that you allow us to do it, since fluting is done before the final lapping, thus allowing us to maintain our guaranteed specifications.



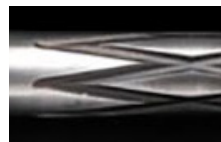
6 FLUTES



8 FLUTES



SPIRAL



DOUBLE DIAMOND



SKIP



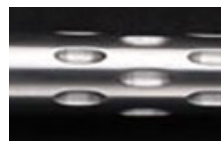
FLAT SKIP



TWISTED SKIP



OCTAGON



DOTS

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## STEP 4: INDICATE YOUR FINISHED LENGTH

Indicate the finished length in 1" increments (no fractions or decimals, please). Maximum barrel length is 30," finished length does not include muzzle brake.

\_\_\_\_\_

### WOULD YOU LIKE A MUZZLE BRAKE INSTALLED?

We can order muzzle brake or install yours, if you have one. When we install a muzzle brake, we thread it first and then screw it on.

- Yes
- No
- I will install my own

### IF YOU WILL INSTALL THE MUZZLE BRAKE YOURSELF, WOULD YOU LIKE US TO CUT THREADS FOR THE MUZZLE BRAKE?

- Yes
- No
- Not Applicable

### INDICATE THREAD DIAMETER AND PITCH

Diameter \_\_\_\_\_

Pitch \_\_\_\_\_

Not Applicable

### INDICATE YOUR ACTION TYPE

- Bolt
- Single Shot
- Custom \_\_\_\_\_

### CHAMBERING

Barrel is currently chambered in:

\_\_\_\_\_

Rebarrel my action to (if same, write "same"):

\_\_\_\_\_

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## STEP 5: FINISHING (OPTIONAL)

Before installing the barrel to the rifle action, the last step is finishing the barrel. Finishing options include polishing, glass beading, Teflon™ coating, or Cerakote (view all Cerakote options at [cerakoteguncoatings.com](http://cerakoteguncoatings.com)).

### BEAD BLASTING

Add a nice, soft satin finish to your barrel that keeps the stainless color but takes the shine off.

### CERAKOTE

Cerakote Gun Coatings are a popular and durable alternative to Teflon™ coating. To view the full spectrum of Cerakote options, visit [cerakoteguncoatings.com](http://cerakoteguncoatings.com).

### TEFLON™

Among our other exterior finish options, we offer Teflon™ coating. Our Teflon™ color options include black, coyote tan, and outdoor green.

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### BARREL

- Bead Blasting
- Cerakote  
([cerakoteguncoatings.com](http://cerakoteguncoatings.com))

Cerakote Finish:

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Teflon™

- Black
- Coyote Tan
- Outdoor Green

None

### ACTION

- Bead Blasting
- Cerakote  
([cerakoteguncoatings.com](http://cerakoteguncoatings.com))

Cerakote Finish:

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Teflon™

- Black
- Coyote Tan
- Outdoor Green

None

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## STEP 6: BEDDING

- Standard (+\$100)
- Pillar (+\$200)
- None

## STEP 7: GIVE US A CALL, 315-677-9841

Now that you've chosen your specifications, call us and an expert from our team will provide the care, advice, and information you need.

### CONSULTATIONS

Our experts have decades of experience. Call us to discuss your custom rifle project. We're here to answer questions and provide direction. Call 1-315-677-9841.

### CALL, E-MAIL, OR MAIL YOUR SPECS

Hart Rifle Barrels, Inc.  
1690 Apulia Road, LaFayette, NY 13084  
315-677-9841 karen@hartbarrels.com

## HOW TO SHIP YOUR ACTION TO US

You should ship your action or rifle in a sturdy cardboard box or gun case, to avoid possible damage. You may remove the scope, rings, and trigger from your rifle before shipping. Currently, you can ship via US Postal Service, UPS, or FedEx. Insure the rifle for at least \$1,000.00, and specify "Adult Signature Required." If shipping USPS, please send to P.O. Box 182, LaFayette, NY 13084. If shipping UPS/FedEx, please send to Hart Rifle Barrels, Inc., 1690 Apulia Road, LaFayette, NY 13084. Under current laws, the owner of firearm is allowed to ship their firearm to an FFL for repairs, without going through any additional requirements. If you need a copy of our FFL, please call 1-315-677-9841. Please note: we only accept rebarreling work from the United States.



### THE GUNSMITH'S GUNSMITH

**Jim Hart** is the 4th generation owner of Hart Rifle Barrels and has been the business' primary gunsmith for over three decades. He is known for being very meticulous, and his customers love him for it. Jim holds fast to the Hart vision for making a truly superior product, and he spends the time on each rifle as if it was his own.

**CALL 1-315-677-9841 TO DISCUSS YOUR REBARRELING PROJECT**