

10/22 Accurization Class Parts and Tool List

Ruger 10/22 Rifle: A 10/22 in good working order and chambered in .22 Long Rifle only. You may choose to bring a 10/22 rifle with the standard tapered barrel or with the heavier .920" diameter bull barrel. Either style will respond well to our modifications. **Please keep in mind that in order to get the best out of the modifications, the factory Ruger barrel must be in good condition with no interior pitting or cleaning rod abuse. There is no need to purchase a separate Match Grade barrel for this class. This focus of this class is modifying your factory rifle so that it will group much tighter.**

****Please no 10/22 takedown rifles or any caliber other than .22 Long Rifle****

.22 Long Rifle Ammunition: Feel free to bring what you currently like to shoot. I normally use CCI Standard for this class. Some students choose to bring high quality 40gr Match ammunition such as SK, Lapua, or Eley. Some bring CCI Blazer...

10/22 Bolt buffer: Volquartsen or similar

10/22 Target Hammer: You will normally modify the majority of your factory trigger group parts and change out your factory hammer to a Volquartsen Target Hammer. **Note:** If you want to purchase an aftermarket 10/22 trigger or a match quality sear that is completely up to you, but not required.

10/22 Improved Extractor: I like the Exact Edge from Volquartsen or the Power Custom Sharp Claw.

10/22 Scope Base and Optic: I like the Talley Picatinny Rail, but any quality picatinny style base should work. There are too many rifle scopes for me to recommend just one. I would suggest bringing a scope that has some magnification and the ability to manually dial out parallax.

Please no red dots or iron sights.

Other 10/22 Parts: Some students like to purchase an extended 10/22 Bolt Handle, an Improved Firing Pin, an Improved V Locking Block or an Extended Magazine Release. That is perfectly fine, bring what you like, but it is not required for this class.

Tools:

- Lathe turning tools (Our BXA Tool Holders accept up to a 5/8" tool.)
- Depth Micrometer
- Dykem Layout Fluid (Blue or Red)
- 6" Dial Calipers

- .001" Dial Indicator and .0001" Test Indicator with Base (Note: I will have one of each available)

- Gunsmith Screwdriver Set
- Gunsmith Hammer (Brass or Nylon)
- Various Punches
- Dremel Kit with an assortment of polishing attachments
- Machinist square
- Small Bubble Level
- 8-40 Taper Tap and a 9/64" Carbide Endmill
- Center Drill Set
- 1/4" Drill Bit (Bring your Drill Index if you have one)
- Small Solid Carbide Boring Bar with a .200" minimum bore. MSC Part # 05252986 or similar.

- Swiss Pattern Needle Files Fine Cut
- Norton India Stones 1/2" x 6" (Medium and Fine)
- 320 Grit Wet Dry Sandpaper (Two Sheets)
- Medium/Fine Scotch-Brite Pad
- .22 Caliber Cleaning One Piece Rod and associated cleaning & lubricating supplies
- Hearing Protection
- Glasses