

# **Cylinder & Slide, Inc.**

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## **1911 Full Fit Match Grade Barrel Fitting Class**

### **Purpose**

To provide a hands-on school which teaches professional theory and techniques needed to properly install a full fit match grade barrel to a 1911 pistol for reliable function and accuracy.

### **Scope**

Information in this course will cover subjects of what makes the 1911 shoot accurately, fitting a true match grade barrel to a 1911 pistol for reliable function and accuracy, proper head space of the 1911 barrel, how to measure the actual head space of the 1911 barrel and how to set the proper head space of the 1911 barrel.

### **Subjects to Be Covered**

- 1) Shop safety rules
- 2) What Makes a 1911 Shoot Accurately
- 3) Different Types of Barrels Available and Their Actual Performance Level
- 4) Fitting a True Match Grade Barrel for Reliable Function and Accuracy
  - a) Fitting the Barrel Hood to the Slide & Checking Barrel Shoulder Clearance
  - b) Fitting the Barrel Locking Lugs to the Slide Locking Lugs to Proper Depth
  - c) Fitting the Barrel Cam for Proper Rear Barrel Lock Up
  - d) Fitting the Barrel Link
- 5) Setting the Proper Headspace
- 6) Barrel Hood Chamfer
- 7) Prepare Barrel Throat for Reliable Feeding

\*Please note that due to time restrictions and the core content of this class we will not be fitting Barrel Bushings. This class covers just the fitting of a Full Fit National Match Barrel.

## Class Requirements

Students need to bring the following items with them the first day of class.

A Government Model 1911 45acp to install the National Match Barrel into. No pistols with integrally ramped barrel, no Gold Cup or enhanced Colts as they have narrow hood barrels. Your pistol must be squeaky clean with extremely light lubrication. The reason for this is because dirt, carbon fouling, and excessive lubrication will interfere with proper match grade barrel fitting and we will not have time in class to clean pistols.

Tools and supplies that you will need to provide are listed below.

Variable speed Dremel or Foredom tool with 1/8" collet. We highly recommend the Dremel 4000 Variable Speed Tool if you don't have a Foredom. It is comfortable to hold and runs extremely smooth. (If you are using a tool with a flexible shaft you must bring the tool hanging stand on which to hang your power tool. The stand needs to clamp to the bench.) **NO Battery Powered or Chuck Collet Dremel Tools allowed in class.**

1. Safety glasses with side shields
2. Shop towels (Minimum of 4)
3. Black or Red magic marker
4. Mini Mag type flashlight
5. Pencil

We will provide the following parts and all tools required.

1. Standard National Match, Full Fit Barrel, 45acp Gov't
2. Barrel Links
3. Barrel Link Pin

Tuition for the Match Barrel Fitting class including above parts and tool rental is \$725.00 when taken in conjunction with the 1911 Custom Pistolsmithing class.

If you are not taking the 1911 Custom Pistolsmithing class then it will be \$995.00 for the Match Barrel Fitting class to cover the additional tool rental required.