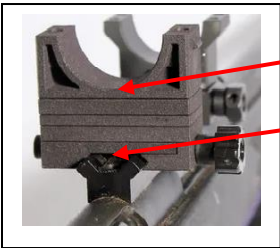


Precision Scope Height Measurement Tool

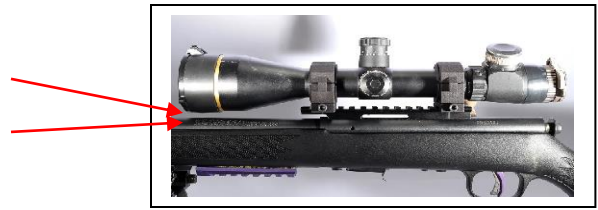
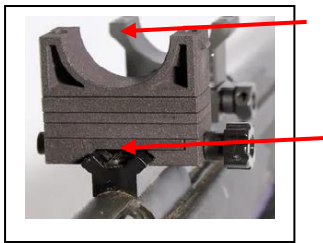
Step by Step instructions for a Shooter to define the "Right" set of scope rings for their rifle...

- #1 **IMPORTANT:** Make sure your firearm is unloaded and safe.
- #2 Place your firearm in an upright position so that it is stable and ready to mount the Scope Height Measurement Tool onto your rail system using the rail attachment with nut. Select the correct mm rings for your scope diameter. 1" / 30mm / 34mm
- #3 Mount the bottom attachment onto the picatinny rail. Using the desired large and small spacers build up the scope height to be able to give the scope bell enough clearance to allow your scope to be set on the rifle. This can be adjusted later during the set up.
 - Note: 1" or 25.4mm scope tube you will need the 1" scope spacer with the fins. 30mm scope tube, you will need the scope spacer smooth. 34mm no spacer required.
- #5 Once your desired height of the scope bell is the correct distance from the barrel height, you have achieved the first goal.
- #6 The scope is now at the correct height on the firearm. Next is making sure this mounting height is comfortable to you. Get behind the firearm in the position that you will be shooting from (i.e., prone or bench) and making sure the scope is not too high or too low to easily see through when your cheek is laying on the stock looking through the scope.

Measurement #1



Measurement #2



- #4 Place base bottom on top of the large and small spacers, then gently lay your scope into the scope rings. At this point you can place the base top on top of your scope and secure it in place. **REMEMBER.** This tool is for mounting purposes ONLY. It will not keep your scope from being knocked off your firearm if handled abruptly or incorrectly. Take care to keep your firearm in an upright position. Once the scope has enough clearance to sit upright, start adding or subtracting the large and small spacers to get the exact height needed for YOUR shooting or hunting needs.

IMPORTANT: When ordering scope rings. Make sure where the manufacturers are taking their measurements from. This is key to ordering your rings right the first time. We have provided a ruler for a quick reference but having a set of calipers will always be more precise.

Note: Scope ring manufactures have several different ways of measuring the heights of their scope rings. Example: Measurement #1 Measure from the bottom of picatinny rail to the bottom of the scope ring. Measurement #2 measure from the bottom of picatinny rail to the middle of the scope ring.

Tips for longevity of your PSHMT:

The materials the PSHMT are made of were selected because of their durability and strength. The product will fit very tightly together the first 5-10 times and then "settle in" with more use of the tool. There are some prototypes of the PSHMT that were produced of lower quality material years ago that are still being used by gun smiths today.

1. Leave your PSHMT disassembled in the essentials box it arrived in, this will help the pieces always fit together tightly.
2. Never leave your PSHMT on the dash of an automobile or extreme hot weather space.
3. Of course, never move your rifle with the PSHMT attached without taking extra care not to secure both while handling. IE, if you move the rifle from one position to another, grab your scope and rifle together, securing them tightly. The PSHMT is meant for measuring purposes only, not securing the scope to the rifle for movement.

