



Mainspring Housing Hone 400 Grit

P/N - 65110

TMC Mainspring Housing Hone – 400 Grit

Honing the spring tunnel of the mainspring housing on a 1911 will significantly improve the overall action of your 1911. Honing of the spring tunnel removes the machining ridges that are left in the spring tunnel, during the drilling process. This should be a two step process, first with a 400 grit hone to cut down the ridges and to overall smoothen out the spring tunnel. The second step uses the 800 grit hone which completes the final polish of the spring tunnel. The improved finish will allow for superior and smoother action, faster hammer fall and overall improved cycling of the 1911.

Notes:

TMC recommends the use of a honing oil when using these hones. Our honing oil is specially formulated for use with Flexible wire honing brushes.

Instructions for Use:

Flexible hones should always be used with a commercial honing oil to prolong the life of the hone. Dip the hone into an oil that is specially developed for a rotary brush hone, such as TMC's Honing Oil. Once the hone is dipped into the honing oil, slowly rotate the hone to remove any extra oil.

Mount the honing brush into a hand held drill, drill press or milling machine. Ensure the honing brush is rotating prior to inserting it into the mainspring tunnel hole. The recommended speed for honing with a honing brush is 500 to 1000 RPM's.

Stroke the honing brush at a rate of 60 to 100 strokes per minute. Start the stroking process slowly, while increasing the speed of the stroking of the hone. As the process proceeds. Only use the for approximately 45 seconds. Do not over hone. Excessive honing can result in removing too much material, which would result in excessive play of the internal parts of the mainspring housing.

Ensure that the Mainspring housing is cleaned after the honing process to remove any material from the mainspring tunnel. This can be accomplished by flooding the spring tunnel with a good quality gun bore cleaner and then using a cleaning patch to dry the spring tunnel.

WARNING: Always ensure that the firearm that you are working on is not loaded prior to working on it. Visually inspect the chamber, the magazine and the firing mechanism to be absolutely certain that no ammunition remains in the firearm. Always complete a full function check of the firearm once it is reassembled.