

Franz, Scott

From: Urbon, James E
Sent: Wednesday, May 28, 2003 5:16 PM
To: Thweatt, Ed T.; Riley, Gary D.; Keeney, Mike; Franz, Scott
Cc: Danner, Dale; Diaz, Danny; Golemboski, Matt R.
Subject: M/710 Magnum Chamber Microhardness

Everyone,

The microhardness evaluation of the chamber area of the two 300 Win Mag M/710's is complete. I ran a series of twenty indents along the edge of the chamber around the shoulder area. I also ran a series of indents from the inside of the chamber at the shoulder to the outside. There did not appear to be any trend in the data. The average hardness for the two barrels for was HRc 21.8 and 21.5. I also remeasured the barrel samples from last year using the same method. The unheat treated M/710 barrel had an average hardness for HRb 91.6, the M/700 SS in 300 Win Mag had an average hardness of HRc 21.3, and the M/700 carbon steel 30-06 had an average hardness of HRc 26.5. If anyone has any questions, please let me know.

Thanks,
Jim

CONFIDENTIAL 83