

Franz, Scott

From: Urbon, James E
Sent: Tuesday, March 04, 2003 4:53 PM
To: Thweatt, Ed T.
Cc: Danner, Dale; Golemboski, Matt R.; Franz, Scott
Subject: 710 Mag Barrel Blanks

Ed,

The heat treated M/710 Magnum barrel blanks are on there way to you via American Freight. You should receive these tomorrow. There is 26 solid blanks and 26 with holes. I have painted the ends red for your identification. I keep two of the solid bars and two with holes. From these samples I cut sections from the center of each bar and measured the hardness at the center and outside edge. Because of the low hardenability of 4137 the center of the bars is softer than the outside edge. Of the four samples I measured the average hardness at the center to be HRC 21 with a range of HRC 20 - 23. The average hardness at the out side edge was HRC 24 with a range of 23 - 26. I am also going to mount and polish two of the sample sections, and check the microstructure. However, I don't expect to find anything out of the ordinary based on the hardness. I will let you know what I find, but don't wait for me. If you have any questions, let me know.

Jim

- Rec'd bbls. in May for Testing
- No bolts
- Rec'd call day after rec. bbls on test status??

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