

## Dale Danner

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**From:** Jiranek, Marlin R.  
**Sent:** 06/07/2000 09:09:25 AM  
**To:** Zajk, Joseph J; Keeney, Mike  
**CC:** Danner, Dale  
**BCC:**  
**Subject:** RE: 710 Bolt Stops

Joe,

I have the parts. What is the hardness specification and what are your hardness readings on these parts? Who made them and what is the heat treatment specification? Basically fill in the blanks:

Vendor:  
Material:  
Heat Treat:  
Hardness: (per Print)  
Hardness: (as Tested)

Thanks and hopefully I will have something for you late today or tomorrow.

Marlin.

>-----Original Message-----

>From: Zajk, Joseph J  
>Sent: Monday, June 05, 2000 6:46 PM  
>To: Keeney, Mike  
>Cc: Jiranek, Marlin R.  
>Subject: 710 Bolt Stops

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>Mike,

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>John Stairs sent some bolt stop samples to your attention. You should get them tomorrow. Could you give a couple to Marlin to check microhardness on those parts? We're getting slightly low readings vs. what the print specifies, and I'd like to see if its due to porosity or if they're truly soft. The mat'l specified - FC-0508-60 - is typically less dense [MPiF says 6.8 g/cc] then, say, a sear safety cam [7.2 g/cc], and I was wondering if that's the difference. If it is OK, we may have to change the hardness spec to match what we get as an apparent hardness reading.

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>Thanks,

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>Joe Z.

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