

Mike Keeney

From: Keeney, Mike
Sent: 06/15/2005 07:48:14 AM
To: Boyles, Derek; Norton, Vince
CC: Vicars, Gerald; Greer, Donna L.
BCC:
Subject: RE:

We intentionally have an interference fit as we do not intend for the threaded post of the firing pin to support the bending moment induced by the sear/firing pin head interface. The belief was that the threads would overcome the interference when tightening with a wrench.

Mike

From: Boyles, Derek
Sent: Tuesday, June 14, 2005 5:37 PM
To: Keeney, Mike; Norton, Vince
Cc: Vicars, Gerald; Greer, Donna L.
Subject:

I have a question about the design intention of the M710 firing pin and firing pin head...do you want these parts to have a clearance, transitional or interference fit when mated together? Right now, the size tolerances allow for an interference fit of .002. In addition, the [*(.001)A] callout on the firing pin and the 2 positional controls on the firing pin head (.008 for the c-bore / .004 thread hole to c-bore) exceed the size tolerance allowable.

As you might have guessed, we have parts that meet the print requirements, but do not go together well.

Regards,

Derek Boyles
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Subject to Protective Order - Williams v. Remington

BARBER - 5.30.060000432

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