
From: Norton, Vince
Sent: Thursday, September 11, 2008 8:43 AM
To: Boyles, Derek
Cc: Ronkainen, Jim
Subject: RE: E-301898 Safety Arm - M770 Fire Control

That tolerance is a mistake on the print. It should be $\pm .0004$, same as the X-Mark Pro safety arm #300674. Where did the new safety arms come in on that dimension?
VN

From: Boyles, Derek
Sent: Thursday, September 11, 2008 8:25 AM
To: Norton, Vince
Cc: Williams, Gary; Vicars, Gerald; Tipton, Don; Ronkainen, Jim
Subject: E-301898 Safety Arm - M770 Fire Control

Vince,

At your earliest convenience please take a look at the pivot hole dimensions and tolerances on the subject part. Of particular interest is the -D- datum hole tolerance of $\pm .004$. This is the pivot hole for the cam. Current part #300408 has a tolerance of $\pm .0004$ for the same hole.

300408 Safety Arm (Current)

Front hole .132 $\pm .001$
Back hole (cam) .1260 $\pm .0005$

301898 Safety Arm (New)

Front hole .128 $\pm .001$
Back hole (cam) .1258 $\pm .004$

Unless I am mistaken, both parts will assemble with the same safety pivot pin 300932 having size/tol .124 $\pm .001$. Is this tolerance scheme the desired outcome?

Regards,

Derek Boyles
Quality Engineer
Remington Arms Company, Inc.
22 Rifle Trail
Hickory, KY 42051
Phone: 270-856-4227
Fax: 270-856-3233
www.remington.com