

Re: Bullet striking metal surface produce spark?

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*Source:* <http://sci.tech--archive.net/Archive/sci.physics/2007-03/msg01086.html>

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- *From:* The Ghost In The Machine <[ewill@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:ewill@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Sat, 10 Mar 2007 10:48:00 -0800
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In sci.physics, jimp@xxxxxxxxxxxxxxxxxxxxx  
<[jimp@xxxxxxxxxxxxxxxxxxxxx](mailto:jimp@xxxxxxxxxxxxxxxxxxxxx)>  
wrote  
on Sat, 10 Mar 2007 17:15:02 GMT  
<[lf5bc4-25.ln1@xxxxxxxxxxxxxxxxxxxx](mailto:lf5bc4-25.ln1@xxxxxxxxxxxxxxxxxxxx)>:

G=EMC^2 Glazier <[herbertglazier@xxxxxxxx](mailto:herbertglazier@xxxxxxxx)> wrote:

Jim Just a little tongue and cheek. Still I would like to know the temp  
of a very high speed bullet going a great distance. Bert

A very high speed bullet would be one leaving the muzzle at around  
3500 feet per second and a great distance would be 1000 yards, at  
which point the bullet is going in the neighborhood of 1500 feet per  
second.

Your normal high power rifle has a muzzle velocity of around 2600  
feet per second.

Bullets are designed to minimize friction.

Bullets cool during flight; the act of firing them heats them orders  
of magnitude more than the trivial friction.

Indeed; there's also the little issue of the muzzle getting hot. :-)

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#191, [ewill3@xxxxxxxxxxxx](mailto:ewill3@xxxxxxxxxxxx)  
"Woman? What woman?"

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Posted via a free Usenet account from <http://www.teranews.com>

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