Fallkniven knives with 3G powder steel laminated

Posted by leomitch - 18 Jul 2012 22:54

I have 3 Fallkniven knives with 3G steel. They are the PXL Folder, TK-2 and the SK-1 Jarl fixed blades. In the picture below you will see the TK-2 and Jarl...the other knife is the Helle Temagami.

Here are my folders and the PXL is the third from the top

3G steel is made in Japan as are the blades for Fallkniven's knives. 3G powder steel is made in very small batches and as hinted in its name, the components are in powder form and distributed uniformly throughout the batch before it is melted. The whole process is secret and very expensive, which explains the higher cost of the knives using it...each of these production knives is in the 300 dollar plus range. The upshot of this process is a very high grade steel with a structure that lends itself to knife blades with great edge retention, great strength yet fairly easy to sharpen.

I love this steel and my knives with it do indeed retain their edges well. They are extremely sharp and I have found no hint of chipping as one finds with VG-10. The steel is silky smooth and with the softer, flexible laminate steel there is little fear in my mind that I will see any breakage, edge rolling or fracturing along the apex. These are tough blades. Mind you, I never do much to punish them, but they cut and slice wonderfully and see a lot of duty around the kitchen,yard and during outdoor instruction that I give my grandson Owen.

Before I close I hasten to apologize for the chintzy cloth background in the first picture...it is actually the bed sheet on my bed. Tacky eh! LOL!

Leo

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Re: Fallkniven knives with 3G powder steel laminated

Posted by PhilipPasteur - 24 Jul 2012 08:52

Here is something interesting for you

zknives.com/knives/steels/steelgraph.php...,&hrn=1&gm=0

Compares the compsition of some of the particle super steels, including SGPS

Phil

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