Lapping the Micro-Fine Ceramics

Posted by wickededge - 19 Jul 2012 19:08

Cliff Stamp has posted elsewhere that these stones definitely benefit from lapping. Today I worked on my set and it made a huge difference. You can easily use the diamond stones in your set to lap your ceramics and depending on which grit you use to finish, you can dramatically alter the way the stone performs. My coarse Micro-Fine stones were more coarse than I wanted at the moment, so I took them all the way up to the 1000# diamonds, progressing from the 100# stones up the line. I also have a 3um diamond bench stone that I used to finish and the coarse Micro-Fines were like a whole different set of stones. I can see where there might be times when I want to add a little texture back to them to give certain knives a little bite, so I'll experiment with lapping on different grit stones and see what comes of it.

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Re: Lapping the Micro-Fine Ceramics

Posted by cbwx34 - 21 Feb 2013 09:06

I've lapped my coarse ceramics, but just on a DMT EEF... just enough to remove the top "covering" layer... they mic'd around.212 give or take (measuring the stone and plastic... see pic).

You might compare to your fine diamonds... the ceramics are still slightly thicker than the diamonds (not enough to make a diff.) so shouldn't matter.

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Re: Lapping the Micro-Fine Ceramics

Posted by MatthieuMethot - 22 Feb 2013 21:57

My micros are 1.163 that's with lapping both sides very hard with all the grits but mainly with the 100 grit stones until I didn't see any high spots If I had my 50/80 stones I would have used them that's how hard I worked the 100 stones. I finished with a 14 micron aluminum oxide on glass and I am very happy, even the coarse side feels smother than the 1200/1600 like I think it should I know some people were using the coarse side in a different order but after lapping I like the coarse after the 1600 I did agree before lapping that the coarse felt to rough but it's fine now. thank you for taking the time to measure your stones. you asked if I cleaned my 100# plate since lapping the ceramics? (I haven't) I was going on how the stone felt when using it.

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