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 wickededge - 24 Jul 2012 10:18

That's exactly what I was doing before I lapped my coarse Micro-fine stones and it worked great. Now that they're all smoothed out, I'll have to see if it still works well in that progression.

cbwx34 wrote:

I wanted to do a couple more knives before I posted this. I could tell the coarse Micro-fine was more coarse than rated... but as an alternative to lapping, I've been using it after the 1000g diamond, which seems to set up the edge better for the rest of the ceramics. So. I'll go Coarse Micro-fine. --> 1200 --> 1600 ceramics --> Fine Micro-fine... then onto leather (if desired).

Just thought I'd present an alternate use that I'm liking.

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Re: Lapping the Micro-Fine Ceramics

Posted by ScottSherman - 25 Aug 2012 15:10

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what is "um" and how does it relate to grit numbers? I.E. how many um's to a grit or a 100 grit for example or perhaps vice versa? What grit would a stone be to equal a "um" or a fixed quantity of "um's"?

Thanks.

Scott

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Re: Lapping the Micro-Fine Ceramics
Posted by wickededge - 25 Aug 2012 19:56

Good question Scott. um is the abbreviation for Micron. Here is a chart that shows how they all compare: Grit Comparison Chart

ScottSherman wrote:

what is "um" and how does it relate to grit numbers? I.E. how many um's to a grit or a 100 grit for example or perhaps vice versa? What grit would a stone be to equal a "um" or a fixed quantity of "um's"?

Thanks.

Scott

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Re: Lapping the Micro-Fine Ceramics
Posted by JerrieBarber - 04 Sep 2012 08:07

O.K. So I think I'm picking up what you are putting down, however I am a visual learner. Is there a video on lapping the ceramics? Should I lap similar to how one would flatten a Chosera water stone, I certainly do not want to ruin my new micro fines and I have a set of fine stones coming so a little education here would be helpful.

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Re: Lapping the Micro-Fine Ceramics
Posted by xuzme720 - 22 Nov 2012 10:31

I know this is a somewhat older post but I was wondering if the lapping was just for initial usage and getting the aggressiveness of the ceramics right or if they will need to be flattened like natural stones do?

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Re: Lapping the Micro-Fine Ceramics
Posted by cbwx34 - 22 Nov 2012 13:01

It's mostly the initial usage and to get the aggressiveness right.

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