Drill collar variation
Posted by Mikedoh - 04 Dec 2012 10:48

I have an Edge Pro in addition to the WEPS. When changing stones that may be of different thicknesses, a drill collar is used in the set up as a reference point on the angle adjustment rod. Once set for a chosen angle, it makes for very easy and quick stone changes and maintains the angle regardless of stone thickness.

Wondering if a similar idea can be applied to the WEPS. I have some thoughts, but the way stones are attached to the handles complicates things.

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Re: Drill collar variation
Posted by wickededge - 11 Mar 2013 15:50

Mikedoh wrote:

Maybe magnetic tape to magnetic tape? Thinking about rust with steel.

If you go with magnetic tape on both sides from the same roll, it works but they push to the side a little since they're trying to oppose each other.

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Re: Drill collar variation
Posted by Bill Sutherland - 11 Mar 2013 21:58

This is somewhat the sequence of how I got this to work for me. 1st is the Velcro setup on Paddle & EP Shapton. 2nd is establishing the 20 degrees with Shapton (approx for pic). 3rd is setting the Shapton to the L Bracket & Stop Collar. 4th is setting WE Stone to L Bracket & Stop Collar. 5th is the WE Stone at its' 20 degree (approx for pic) setting. Final one is the Shapton mounted on the Paddle. Hope these help in explaining how I use the Stop Collar as a reference and how I use the Shapton stones mounted to blank Paddles. I will be experimenting with different mounting applications but this setup did work perfectly for me.

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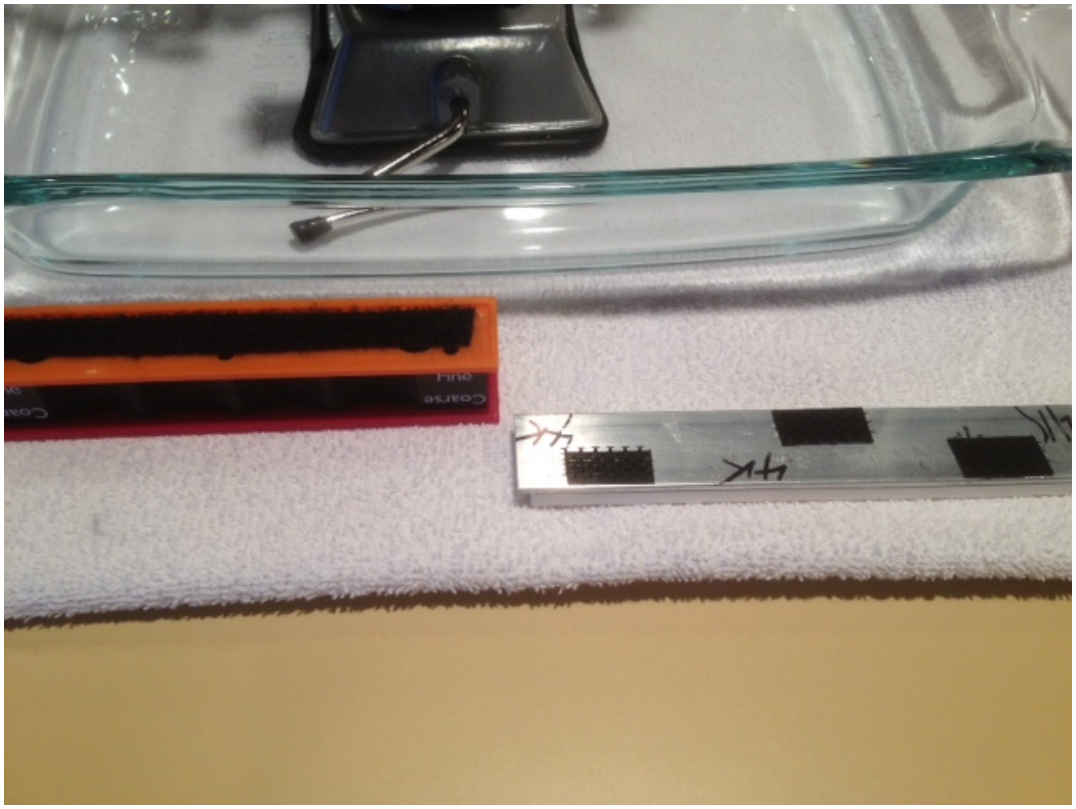
Re: Drill collar variation
Posted by cbwx34 - 12 Mar 2013 08:26

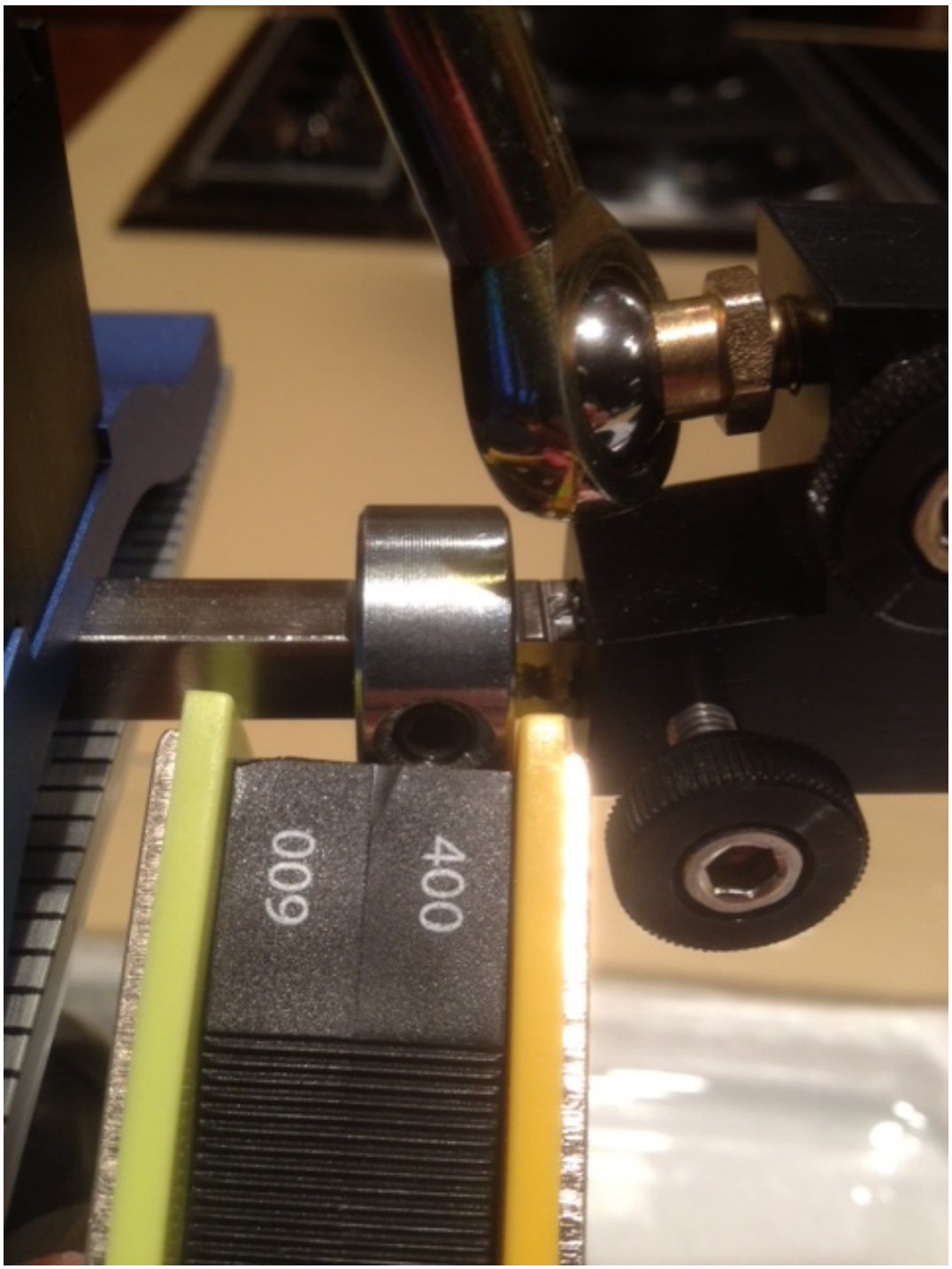
Bill Sutherland wrote:

1st is the Velcro setup on Paddle & EP Shapton. 2nd is establishing the 20 degrees with Shapton (approx for pic). 3rd is setting the Shapton to the L Bracket & Stop Collar. 4th is setting WE Stone to L Bracket & Stop Collar. 5th is the WE Stone at its' 20 degree (approx for pic) setting. Final one is the Shapton mounted on the Paddle. Hope these help in explaining how I use the Stop Collar as a reference and how I use the Shapton stones mounted to blank Paddles.



19.75
Coarse

Coarse
Fine


600
400

AccuRemote™
Angle Gauge
19.65°
Digital Level, Tilt's & Bevel Gauge 3 in 1
ZERO
400
600

Thanks for taking the time to post these!!! Really helps to visualize how this works. Nice setup with the stone mounting jig.

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Re: Drill collar variation
Posted by Bill Sutherland - 12 Mar 2013 09:32

Wow...that's what I wanted to do for the pics. Thank you for fixiing that so they're more visible.

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Re: Drill collar variation
Posted by cbwx34 - 12 Mar 2013 09:52

You're welcome. Your pictures demonstrate the concept well, so I just wanted to make sure that it was easy to see the whole set.

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Re: Drill collar variation
Posted by Bill Sutherland - 12 Mar 2013 10:02

I did find by using my dial Calipers I could get the exact measurement of the Stone/Paddle and then use the Calipers to set the exact distance rather than trying to fit the Stone/Paddle between the Stop Collar and L Bracket. It was actually much faster and "right on" accurate.

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Re: Drill collar variation
Posted by cbwx34 - 12 Mar 2013 10:18

That's a good idea too. I've sorta come up with a concept for a way to do this that would (hopefully) make it easier then fitting the stone where you did (which by the way, is the best location I found too)... but haven't had a chance to work on it... and find the parts to build it.

Edit: p.s. As you can tell, I'm excited that someone did this.

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Re: Drill collar variation
Posted by Bill Sutherland - 12 Mar 2013 11:44

Being able to utilize stones from the EP greatly expands the usefullness of both machines. I think I may have a way to use the paddles on the EP to.

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Re: Drill collar variation
Posted by Mikedoh - 12 Mar 2013 11:54

Many thanks for your pictures and explanation Bill.

Curtis, thanks for your aid with the visual aids!

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