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.

==========

Re: Drill collar variation

Posted by Billabong - 04 Dec 2012 11:05

You could use something like the old arm bracket (without the arm) slid onto the crossbar in front or behind the "L" bracket.

Like a square lock collar.

It could give you a fixed point to go back to.

==========

Re: Drill collar variation

Posted by wickededge - 04 Dec 2012 11:37

I discovered this by accident the other day, but it might work well for what I think you're talking about:

It's just a standard binder clip that measures approximately 0.3425" on the spine. Here is an example of the clips you'd need: Staples® Small Metal Binder Clips Bulk Pack, Black, 3/4" Size with 3/8" Capacity

==========

Re: Drill collar variation
Posted by cbwx34 - 04 Dec 2012 12:04

Unless I'm missing something, I don't think it works from the back side... you'd have to put the clip (reference) between the knife clamp and the arm.

==========

Re: Drill collar variation
Posted by xuzme720 - 04 Dec 2012 12:14

Wouldn't it depend on which way the stone thickness was changing? Behind for going to a thicker stone, and vice versa for thinner...?

Or both, if you need to swap out a few times for differing thicknesses ...not sure when it would just be easier/faster to check with the cube...

==========

Re: Drill collar variation
Posted by Mikedoh - 04 Dec 2012 12:21

It does need to be in front. I was thinking of a smaller binder clip if it opens far enough to grab the bar. Concerned about getting a good measurement of platen and stone.

Clip has to be small so as not to infringe on setting more acute angles.

==========

Re: Drill collar variation
Posted by Mikedoh - 04 Dec 2012 12:28

I think it's all relative whether changing from thicker or thinner. But to be certain, can just reference from thinnest stone.

If you are able to get a reliable measurement, it would be much less fiddling about than using the cube for each change.

==========

Re: Drill collar variation
Posted by wickededge - 04 Dec 2012 12:39

It works on the inside just as easily:

and is small enough to allow you to hit the 13 degree setting on the PP2.

==========

Re: Drill collar variation
Posted by xuzme720 - 04 Dec 2012 13:12

I was thinking to set the clip for the thicker stones and use the degrees on the arm for the diamonds so I guess it seemed backwards to everyone but me. Most of my days are like that...

==========

Re: Drill collar variation
Posted by Billabong - 04 Dec 2012 23:10

If you are using the angle dimples, then your reference can be the already engraved degree marks.

These lock collars wont help with a micro-adjustment situation either, as you are using the "L" bracket as a reference.

Of course if you have an angle guage I am a fan of not using the dimples at all.

Then you don't need to use micro-adjust, then your collar idea would be great.

Although I think the dimples are great, I see it as a restriction.

Is sliding the "L" bracket to get a small/micro adjustment a problem for anyone?

You could add a manual adjust screw for the bracket itself if it is.

Just my thoughts, don't shoot me down.

==========