Technical Bulletin

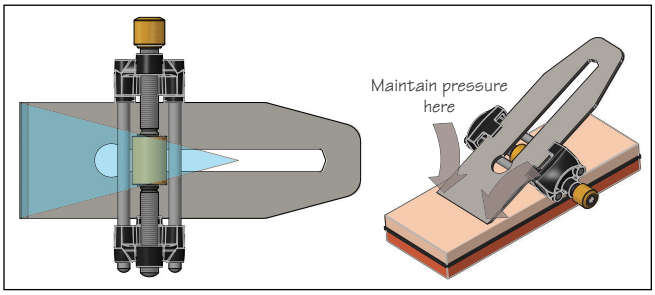
06/2022

Veritas Side-Clamping Honing Guide

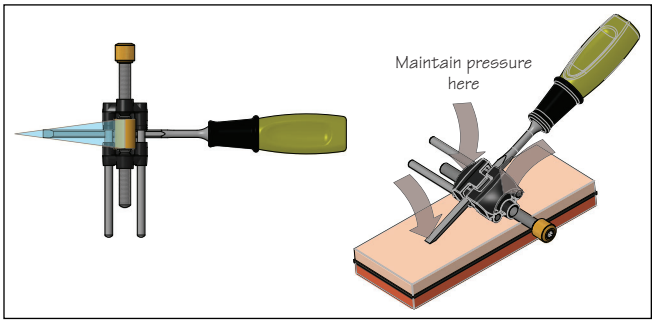
This bulletin seeks to address some of the customer feedback we have received over the first year of sales of the Side-Clamping Honing Guide (05M0940).

Stability Triangles and Skewed Edges

When using the guide with different width blades it is important to consider the "stability triangle" when holding the blade/guide assembly while honing. For wide blades, the edge is wider than the roller. To keep the edge straight, it is important to apply pressure near the outer corners of the blade.



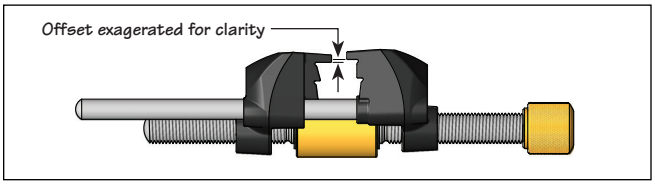
Gripping the guide in this fashion will ensure the honing will follow the existing edge and avoid skewed edges. For narrow blades, the roller is wider than the edge, and it is important to maintain pressure on the outer sides of the guide as well as the blade edge.



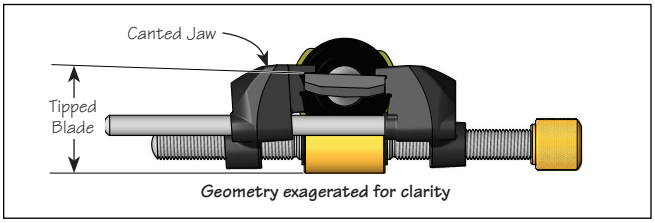
Gripping the guide in this fashion will ensure that the assembly doesn't tip side-to-side and the resulting edge will be straight.

Offset Jaws

One common issue is that the jaws seem to be misaligned, usually the "moving" jaw appears lower that the "fixed" jaw. It would seem counter-intuitive, but this offset is deliberate and necessary for the function of the guide.



Early prototype testing of this product (when the jaws were perfectly aligned) resulted in skewed edges. We found that when the clamp was tightened onto a blade the "moving" jaw would cant slightly on the guide rods as clearances were taken up. This would raise the contact surface with the blade relative to the "fixed" jaw, resulting in a tilted blade and skewed edge.



The solution was to offset the "moving" jaw vertically relative to the "fixed" jaw". This accounts for the clearance in the guide rod holes and ensures the jaws are aligned when the guide is tightened.

Loose Rollers

We've had a number of comments that the roller is loose on the shaft, especially when compared to the Mk.II Honing Guide. In the case of the side-clamping honing guide, this looseness is intended, it provides some flexibility in the system, which allows for full blade contact with the stone when applying pressure at the outer edges of the blade (as noted above).

1080 Morrison Dr Ottawa ON K2H 1C3 Canada

For more information contact:
innovation@veritastools.com
1-613-596-1922
Made in Canada