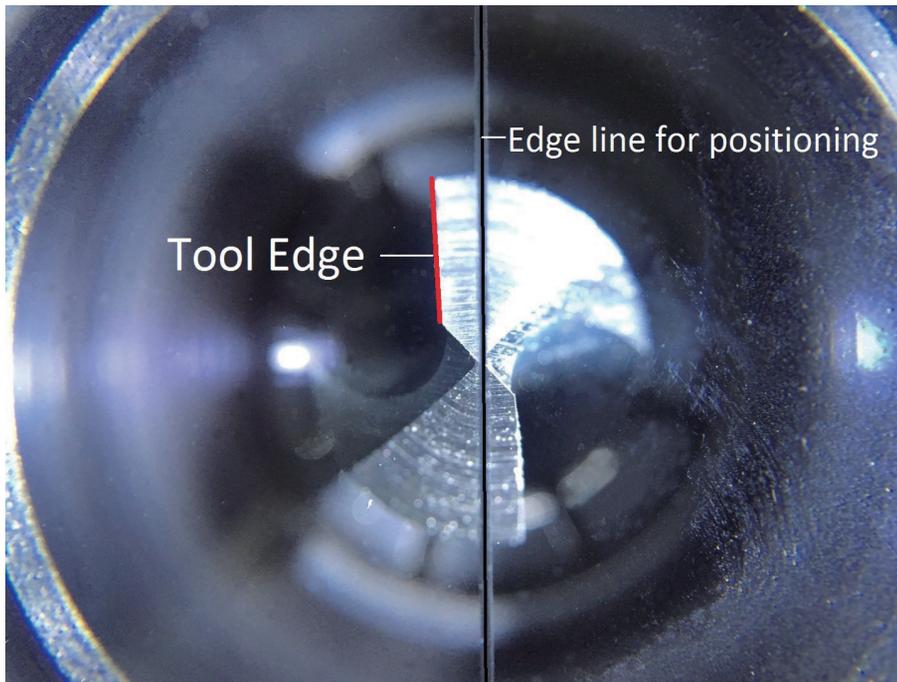




Visible Positioning Cutting Edge Angle of Tool

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▲ A drill bit reviewed with a corrector using a 15X magnifier



▲ A corrector working with a movable chuck set



▲ A cutting edge corrector for an M12LSB drill bit sharpener

One objective of the creation is to provide a visible positioning cutting edge angle of tool that enables a user to rapidly review the cutting edge angle of the tool and facilitates adjustment and alignment. With the patented technology, a tool can be well positioned in a single operation without the need of repeated adjustment, and the cutting edge angle of the tool can be easily reviewed and aligned so that one tool having one or more cutting edges can be sharpened conveniently. The overall operation for tool positioning and calibration is effort- and - time-saving. Additionally, the creation can sharpen a drill bit without using any auxiliary, making the sharpening work efficient and accurate. Another objective of the invention is to provide a visible positioning cutting edge angle of tool adaptable to tools of different lengths.

This creation has the following advantages: 1. Accurate positioning is ensured for any variation of the central thickness of the drill bit. 2. For small-diameter drill bits, a magnifier may be added to provide visual benefits. 3. The operation is simple and thus facilitates standardization. 4. Depending on needs, a movable chuck set may be used with a cutting edge corrector

for re-positioning. The flute can be enlarged to prevent chips from building up when long holes are drilled.

This creation enables any operator to well sharpen a drill bit like a skilled worker, and allows a tool to be well positioned in a single operation, also facilitating standardization. A normal operator can become a professional sharpening master after three or five times of practice.

The drill bit sharpener with the visible cutting edge positioning addresses the shortcoming related to most of the conventional sharpeners using dials and is suitable for tool processing and sharpening in most of industries, satisfying international consumers' needs.

This creation has extensive applications! All the challenges of drill bit positioning during tool sharpening can be overcome, effectively eliminating the problems of the existing tool sharpening! Facilitating industrial upgrading and benefiting people, the device is absolutely an innovative and advanced product.