Bracing History

Braces are one of the most essential tools utilized in traditional woodworking. One of those earliest evidence of hand braces were found in the 1400s, which bore the shape of a U-shaped grip and a compound crank.

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Bracing Innovation

The main purpose for a brace is to drill holes in materials such as wood. Using a drill makes use of the U-shaped grip and auger or drill bit attachments, which usually have a tapered tip that helps pull them into the wood as the U-grip is mechanized to turn as it applies pressure. The attachments are inserted into the end cavity, which would then need to be secured before activating the crank into the wood panel.

Compared to other hand-powered drills, the brace tends to be more effective in terms of drilling wider and deeper holes, especially in comparison to those which even are powered by gears.

Using the Brace

First, choose between a drill bit or auger, depending on the thickness and type of wood material you plan on drilling. While using the brace, turning the crank and grip clockwise will help insert the bits into the wood and remove wood as it drills deeper.

To withdraw the drill, turning the brace counter-clockwise will help remove the bit from the wood.

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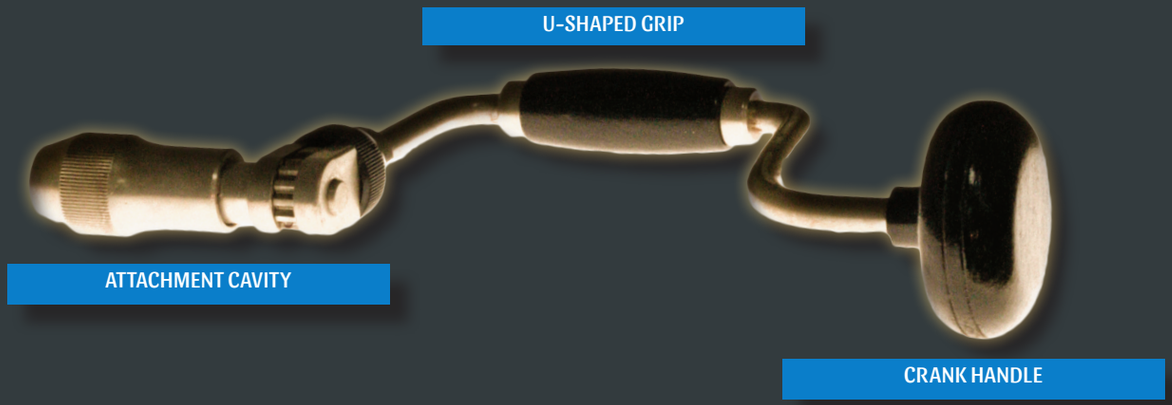

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