

Hammer drill bits, commonly called **masonry bits**, are designed specifically to drill through tough materials like concrete, brick, stone, and mortar. They feature reinforced carbide tips to withstand the simultaneous rotating and striking force of a hammer drill or rotary hammer. [[1](#), [2](#)]

Here is an overview of the key types, shank styles, and leading product recommendations.

Key Types of Shank Designs

The shank is the end of the bit that locks into the drill chuck. It is crucial to choose the correct shank type for your specific machine. [

- **Standard Straight/Round Shank:** Used in traditional standard-chuck hammer drills. It relies on the chuck's jaws being tightened down manually or with a key. [
- **SDS-Plus:** Features special grooves and a quick-release design. It is the industry standard for light-to-medium-duty rotary hammers. The slots allow the bit to slide back and forth with the hammering action without slipping out. [
- **SDS-Max:** Features a much thicker shank for heavy-duty demolition or large hole-boring work in larger rotary hammers.