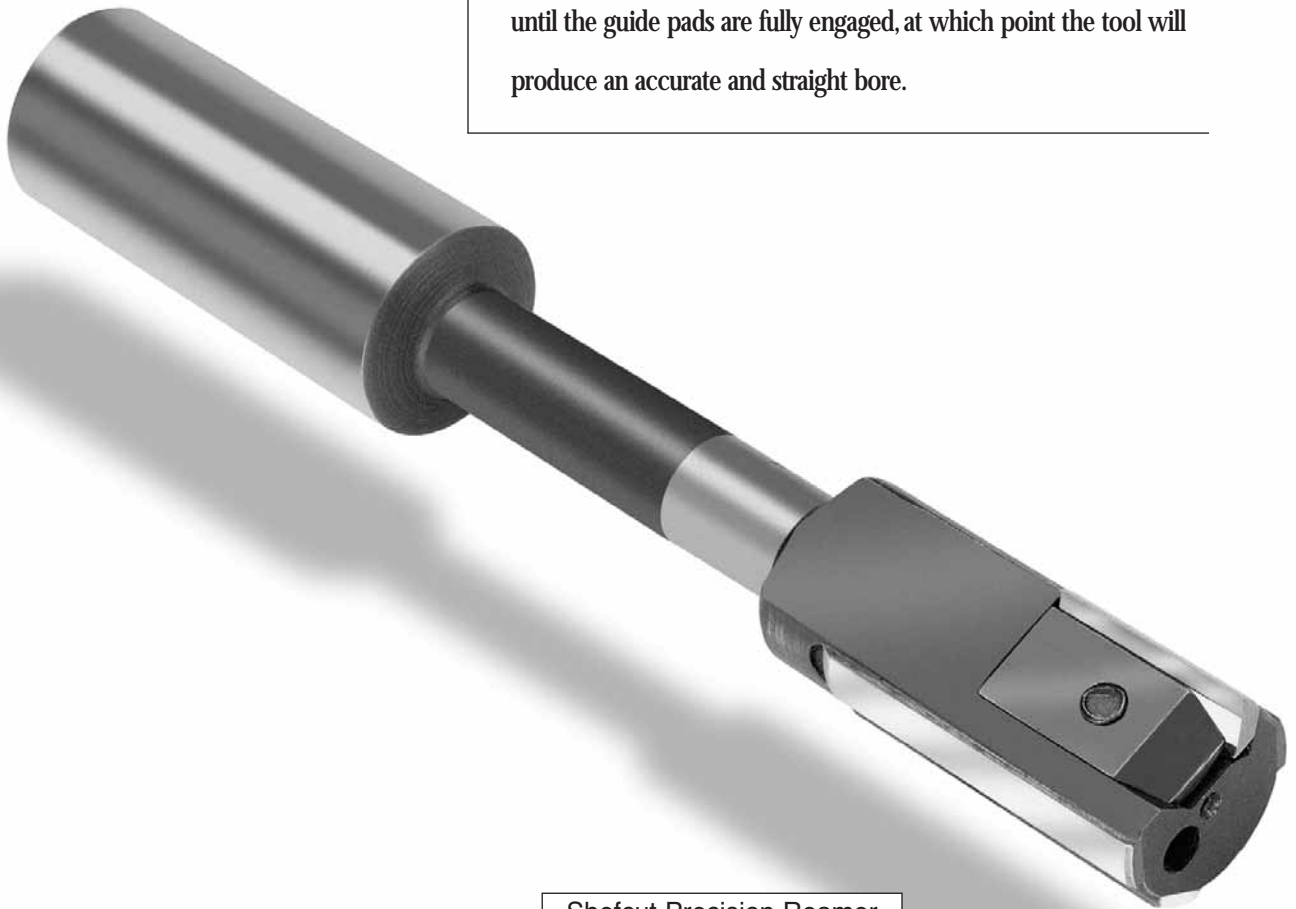


Shefcut® precision reaming & boring solutions

Shefcut® tools are designed for **precision reaming or boring** operations. The manner in which the tools are applied results in some differences in tool design and machining set-up:

- 1 Shefcut tools are often used in **precision reaming** applications, where the tool is allowed to locate in the prepared bore. The Shefcut precision reamer is usually run at lower surface speeds, and is held directly in the spindle, in a floating tool holder or in a precision CNC holder. The tool body is “necked down” immediately behind the cutting head for increased flexibility, since the tool will seek the bore until the guide pads are fully engaged, at which point the tool will produce an accurate and straight bore.



Shefcut Precision Reamer

Shefcut® precision reaming & boring solutions

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Shefcut tools are also designed and built for **precision boring** applications, where the tool is used for accurate bore location. The Shefcut precision boring tool is usually run at higher spindle speeds in a rigid machining set-up, and can often be applied directly to a cast bore. The tool is held with a highly accurate spindle connection (e.g., HSK), or in an adjustable tool holder. The precision boring tool is designed for enhanced rigidity for very accurate bore location.

Regardless of which way the Shefcut tool is applied, it is based on the **same**

design concept: a

single, replaceable
cutting blade supported
by guide pads,
providing exceptional
stability and alignment
for superior results.



Shefcut Precision Boring Tool