

Order direct from the manufacturer

Order: **586-465-5000**

Fax: **586-465-3030**

e-mail: direct@slatertools.com

turret mount



Boring Bar Tool Holder

Ruggedly Built For Heavy Cuts

For use with 5/8" or 7/8" Model "B" Davenport
Used to hold boring bars in place while producing close tolerance bores. High precision head designed for accurate pre-set tooling and production work.
All working parts hardened and ground.

Order #
BBH-0230

Tool Diameter = 5/8"
Shank Diameter = 3/4"



Recess Tool Holder

Maintain Precision Limits

For use with 5/8" or 7/8" Model "B" Davenport
Holder equipped with draw bar that holds the top slide of the holder in place to activate the upward cutting of a recess tool.

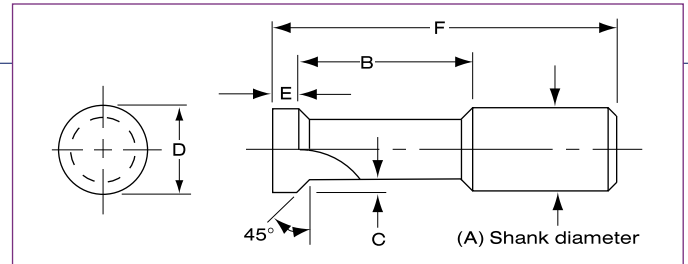
Order # **RTH-7910** **Draw Bar #** **RTD-7100**

Tool Diameter = 3/8"
Shank Diameter = 3/4"

Recess Tool Blanks

Used to make internal grooves, undercuts and chamfers.
Pre-notched at 90°, and centers provided at both ends.
Hardened and Ground - Ready To Use.

A	B	C	D	E	F
3/8	3/4	.050	.310	.100	1-1/2
3/8	3/4	.060	.380	.120	1-1/2



Rotary Broach Tool Holder

Slater Tools Provide A Complete Line Of Tools and Holders

For use with 5/8" or 7/8" Model "B" Davenport

Broaching Theory

Welcome to the world of rotary broaching, a Slater Tools exclusive, fast, and accurate method of producing internal and external polygon forms on the end of a work piece while the machine spindle is rotating. Utilizing a free broach rotation and shear angle geometry results in less thrust force than conventional broaching. The Rotary Broaching Toolholder is used on any CNC or manual turning, milling, drilling or screw machine, and can be mounted in any position on your machine.

Holder Use and Operation

In a turning or screw machine, the holder is stationary while its internal live spindle, along with the end cutting broach tool, rotates with and is driven by the workpiece rotation. While rotating with the work spindle, the end cutting broach tool's pressure and contact points are continually changing on the workpiece (a wobbling-type action) making broached forms easier to produce.

Support Data

Maintenance and trouble-shooting data are shipped with each holder order.

Sharpening of Broaches

Broach sharpening is available by Slater Tools, with same day shipping.

Broach Depth

The recommended maximum broach depth is 1.5 x smallest dimension of form. When a broach depth exceeds the recommended maximum, Slater Tools offers an attachment for multi-spindle machines. This attachment is synchronized with the spindle via a splined shaft, driven by pick off gears, and mounts directly to the main tool endslide of a screw machine.

Broach Toolholders

Slater Tools offers various holder sizes, available with straight and morse taper shanks.

Broach Blanks

All internal blanks have centers provided. External and internal blanks are hardened and ground. A design and manufacturing guide is sent with each Broach Blank order.

Replacement Parts or Factory Repairs

Replacement parts for Slater Tool's Rotary Broaching Tool Holders are available from stock for immediate delivery. Same day shipping for factory repairs. Price quotes and delivery time will be submitted for your consideration and authorization.

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