

Order direct from the manufacturer

Order:

586-465-5000

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e-mail: direct@slatertools.com

first position ["A"] front slide



Adjustable Forming Dovetail Tool Holder

Direct Mount

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

Forming dovetail toolholders use dovetail-shape tooling. Tool sharpening is quick and will not affect tool profile.

**Order #
FDT-7530**

Dovetail Size = 5/8"



Forming Dovetail Blanks

Hardened and Ground

More information regarding material and dimensions on blanks available. Refer to page 25.



Skiving Dovetail Tool Holder

Shown with Mounting Block

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

Skiving dovetail holders are used with dovetail tooling to obtain exceptionally smooth finishes.

**Order #
SDH-0110** **Mounting Block #
STR-7110**

Capacity = 3/4"

Mounting Diameter = 1"

Dovetail Size = 5/8"



Skiving Dovetail Blanks

Hardened and Ground

Conversion for shaving blanks information on page 31.



Forming Circular Blanks

Pin-Type - Hardened and Ground

Forming circular blanks are suited for heavy roughing cuts. The configuration helps to dissipate heat from the cutting edge. Refer to page 25 for more information.

FOR TECHNICAL DATA ON ALL TOOL HOLDERS AND BLOCKS REFER TO TABLE OF CONTENTS

Shaving with Slater Tools

Size Control Shaving guarantees tolerances of +/- .0005. The head of shave tool holder floats on the work piece, this action compensates for machine index errors and loose spindles. All diameters that are shaved together are concentric with each other even if formed separately in different positions. These are errors which the forming operation cannot overcome. The machine is up-dated . . . given new life. It is possible to make or quote jobs once beyond capability of machine.

Quick Tool Changes Loose jaw permits easy tool removal. When setting the holder there is no hunting for center, reposition tool flush with face of holder and lock. The tangent point of the roll will be in line with face of holder within .001.

Finish .006/.010 stock removal in shaving operation improves finish and increases sales potential . . . this could eliminate a secondary grind operation where grinding was for size control only. Holder would pay for itself in a short time.

Flexibility of Tooling Round shank gives a wide range of application. It mounts on various automatics, hand screw machines or turret lathes. Taper is removed quickly and easily. There are three roll holder stations, and four styles of roller back rests. Outer two stations permit any two independently adjustable roller back rests to be used side by side on the same holder.

Ruggedness Large diameter pins widely spaced, positioned on both sides of heavy duty spring solidly supports tool on widest shaving cuts and shoulder shaving. Deep shoulder shaving requires use of extra stop nut to prevent tool from digging in.

Versatility It is two holders in one. Body and shank can be locked together to use as a skive tool holder as shown in the technical data regarding shaving.

Longer Machine Life Since holder must go to center of spindle or beyond, there is no need to set positive stop on slide. Save on set-up time, and reduce cost of maintenance repair parts such as cams, cam rolls and pins.