RESHARPENABLE QUICK CHANGE SHAVE TOOL HOLDERS FOR MULTIPLE SPINDLE MACHINES

(Patent No. 5,848,562)

THE ONLY QUICK CHANGE SHAVE TOOL INSERT THAT CAN BE RESHARPENED WITHOUT AFFECTING ITS ORIGINAL:

- Center Setting  • Part Diameter Setting  • Lateral Setting

• Roll slide can be rotated 180° for rolling on out board end of workpiece.
• Carbide roll pin

• Patented design clamps insert forward against holder face.
• Insert always located on roll centerline.
• Maintains part diameter and lengths even after resharpening.

• Lateral fine adjusting screw
• Shaving head can be moved sideways without moving shank or tool holder block.
• Simplifies alignment with roughing tools.

• Adjustable dovetail gib eliminates chatter due to normal wear.
• Adjustable spring tension to suit size of workpiece.

• Easy to get at from the side clamping of insert.
• Insert can be changed in less than a minute.
• Single hex wrench adjustment for clamping and unclamping of inserts.
• Swing away side plate for easy insert replacement.

• Shaving head presettable for diameter off the machine.
• Shave tool roll head easily removable from body.
• Settings not affected because shank and body of shave toolholder remain clamped in machine.
• Easy one screw clamping locks head in place.
• Simplifies diameter setup of holder when changing jobs.

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<th>PART #</th>
<th>CAPACITY</th>
<th>INSERT SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
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<td>0-7/8&quot;</td>
<td>1-1/8 X 3/8</td>
<td>1&quot;</td>
<td>3-1/2</td>
<td>2-3/8</td>
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</table>

• Can also be used with throw-away inserts

• Ideal for datum point applications

SHANK HOLDING BLOCK CAN BE REPOSITIONED ON BASE PLATE CLOSE TO SPINDLE FOR UPSIDE DOWN CROSS SLIDE POSITIONS.