**Flat Bottom Veining**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Cutting Dia.</th>
<th>Cutting Length</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC62</td>
<td>1/16&quot;</td>
<td>3/16&quot;</td>
<td>1-1/2&quot;</td>
</tr>
<tr>
<td>SC33</td>
<td>1/8&quot;</td>
<td>1/4&quot;</td>
<td>2&quot;</td>
</tr>
</tbody>
</table>

**Bowl & Tray**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Radius</th>
<th>Cutting Dia.</th>
<th>Cutting Length</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>1370</td>
<td>1/8&quot;</td>
<td>7/16&quot;</td>
<td>5/16&quot;</td>
<td>2-1/8&quot;</td>
</tr>
<tr>
<td>1372</td>
<td>1/4&quot;</td>
<td>3/4&quot;</td>
<td>5/8&quot;</td>
<td>2-3/8&quot;</td>
</tr>
</tbody>
</table>

**Plunge Roundover**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Cut Dia.</th>
<th>Cutting Length</th>
<th>Shank Dia.</th>
<th># of Wings</th>
</tr>
</thead>
<tbody>
<tr>
<td>6210</td>
<td>1&quot;</td>
<td>1/4&quot;</td>
<td>1/4&quot;</td>
<td>3</td>
</tr>
<tr>
<td>6220</td>
<td>2&quot;</td>
<td>1/4&quot;</td>
<td>1/2&quot;</td>
<td>4</td>
</tr>
</tbody>
</table>

**Pointed Roundover**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Radius</th>
<th>Cutting Dia.</th>
<th>Cutting Length</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>1568</td>
<td>1/8&quot;</td>
<td>1/4&quot;</td>
<td>1/4&quot;</td>
<td>2&quot;</td>
</tr>
<tr>
<td>1570</td>
<td>3/16&quot;</td>
<td>3/8&quot;</td>
<td>3/8&quot;</td>
<td>2&quot;</td>
</tr>
<tr>
<td>1572</td>
<td>1/4&quot;</td>
<td>1/2&quot;</td>
<td>1/2&quot;</td>
<td>2&quot;</td>
</tr>
<tr>
<td>1574</td>
<td>3/8&quot;</td>
<td>3/4&quot;</td>
<td>5/8&quot;</td>
<td>2&quot;</td>
</tr>
</tbody>
</table>

**SPOILBOARD CUTTER**

<table>
<thead>
<tr>
<th>Up Cut</th>
<th>Part #</th>
<th>Cutting Dia.</th>
<th>Cutting Length</th>
<th>Shank Dia.</th>
<th># of Wings</th>
</tr>
</thead>
<tbody>
<tr>
<td>RU1600</td>
<td>1/8&quot;</td>
<td>1/2&quot;</td>
<td>2&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RU1800</td>
<td>3/16&quot;</td>
<td>3/4&quot;</td>
<td>2-1/2&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RU2075</td>
<td>1/4&quot;</td>
<td>3/4&quot;</td>
<td>2-1/2&quot;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Up Cut Benefits:**
  - Best Control With Hand Or Table Routing
  - Best At Plunge Cuts
  - Great Chip Clearance
  - Ejects Chips Up And Out Of Dado Cuts

**CNC ROUTER BITS**

For 2D and 3D Carving
Lettering, Engraving, and Sign Making
(All Bits are 1/4” Shank Unless Noted)

**Vector Files Available on Our Website**

**CNC Sets**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Pcs</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>703</td>
<td>3</td>
<td>Ball Nose Set - SC66, RU1800RN, RU2075RN</td>
</tr>
<tr>
<td>705</td>
<td>5</td>
<td>Starter Set - SC64, SC66, RU2075, 1502, 1550</td>
</tr>
<tr>
<td>706</td>
<td>6</td>
<td>Lettering Set - 1403, 1404, 1550, 1572, 2051, RU2075CN</td>
</tr>
<tr>
<td>708</td>
<td>8</td>
<td>Engraving Set - SC54, SC55, SC70 SC71, SC75, SC76, 1500, 1541</td>
</tr>
</tbody>
</table>

**Down Cut Benefits:**
- Superb Control Of Fraying On Surface Nearest The Router
- Ejects Chips Away From The Router If Cutting Completely Through The Stock
- No Tendency To Lift Small Work Pieces During CNC Routing

Whiteside Machine Co. 1-800-225-3982
www.whitesiderouterbits.com
Ball Nose Spirals

90° - Vee Groove

Part # | Cutting Dia. | Point Length | Overall Length
--- | --- | --- | ---
1500 | 1/4" | 1/8" | 1-1/2"
1502 | 1/2" | 1/4" | 2"

15° - Engraving Bits

Part # | Point Type | Included Angle | Overall Length
--- | --- | --- | ---
SC54 | 1/16" Flat | 15° | 2-1/2"
SC55 | 3/32" X 45° | 15° | 2-1/2"

Conical Ball Nose Spirals

60° - Vee Groove

Part # | Cutting Dia. | Point Length | Overall Length
--- | --- | --- | ---
1541 | 1/4" | 7/32" | 2"
1550 | 1/2" | 7/16" | 2"

Round Nose

Part # | Point Type | Included Angle | Overall Length
--- | --- | --- | ---
SC39 | 1/16" | 30° | 2-1/2"
SC40 | 3/32" | 30° | 2-1/2"

Cove Nose Spiral

45° - Engraving Bits

Part # | Point Type | Included Angle | Overall Length
--- | --- | --- | ---
SC75 | Pencil | 45° | 2"
SC76 | 1/32" Flat | 45° | 2"

Part # | Radius | Cutting Dia. | Cutting Length | Overall Length
--- | --- | --- | --- | ---
RU1800RN | 3/32" | 3/16" | 3/4" | 2-1/2"
RU2075RN | 1/8" | 1/4" | 3/4" | 2-1/2"

Part # | Radius | Ball Dia. | Included Angle | Overall Length
--- | --- | --- | --- | ---
SC64 | 1/32" | 1/16" | 11° | 2-1/2"
SC66 | 1/16" | 1/8" | 7° | 2-1/2"

Part # | Cutting Dia. | Corner Radius | Cutting Length | Overall Length
--- | --- | --- | --- | ---
RU2075CN | 1/4" | 1/16" | 3/4" | 2-1/2"

30° - Engraving Bits

Part # | Point Type | Included Angle | Overall Length
--- | --- | --- | ---
SC70 | Pencil | 30° | 2"
SC71 | 1/32" Flat | 30° | 2"

Part # | Radius | Cutting Dia. | Cutting Length | Overall Length
--- | --- | --- | --- | ---
SC39 | 1/16" | 1/8" | 1/4" | 2"
SC40 | 3/32" | 3/16" | 3/8" | 2"
SC41 | 1/8" | 1/4" | 1/2" | 2"
1403 | 3/16" | 3/8" | 1/2" | 2"
1404 | 1/4" | 1/2" | 5/8" | 2-1/4"
1405 | 5/16" | 5/8" | 3/8" | 2"
1406 | 3/8" | 3/4" | 7/16" | 2"

www.whitesiderouterbits.com