Composite Grinding Tools

Round End Routers

Applications:
- Trimming
- De-burring
- Shaping
- Drilling

Used as routers on machining center with or without CNC system
OR
On a Manual Hand-Grinders

Materials:
- PCRM3.0-01: 3, 10, 1.5, 12, 3, 55, D252 Electroplated
- PCRM6.0-01: 6, 20, 3, 22, 6, 60, D252 (EP) or D427 (VB) Electroplated or Vacuum brazed
- PCRM8.0-01: 8, 25, 4, 27, 8, 80, Vacuum brazed
- PCRM10-01: 10, 25, 5, 27, 10, 80
- PCRM12-01: 12, 40, 6, 42, 12, 100
- PCRM20-01: 20, 45, 10, 47, 20, 100

Bond:
- Vacuum brazed tools are suitable for:
  - Roughing applications.
  - Trimming in “sandwich” materials.
  - High removal rate.
- Electro plated tools are used for finishing applications.

*Other sizes and grit sizes are available upon request.*

Available with or without cooling slots.
For cooling slots please add S to the Cat#. EX. PCRM8.0-01-S-D252 | PCRI1/8-01-S-D252

Strauss & Co. 19 Hayezira St. Industrial Area, P.O.Box 2521, Raanana, Israel. 43100
Tel: 972-9-7461631 | Fax: 972-9-7461636
www.strauss-co.com | Email: info@strauss-co.com
Composite Grinding Tools

STRAUSS & CO.’s Composite grinding tools are widely used today in various industries, and demand for good tools to machine composite is increasing. Machining composites is a demanding Task, and Strauss enjoys years of experience in doing so.

Cylindrical routers

Applications:

Trimming De-burring Shaping

Used as routers on machining center with or without CNC system
OR
On a Manual Hand-Grinders

Materials:
- GFRP
- CFRP
- Metal matrix part

Bond:
- Vacuum brazed tools are suitable for:
  - Roughing applications.
  - Trimming in “sandwich” materials.
  - High removal rate.
- Electro plated tools are used for finishing applications.

<table>
<thead>
<tr>
<th>Cat#</th>
<th>Size</th>
<th>Grit</th>
<th>Bond</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCM3.0-01-S</td>
<td>D T L1 Y L</td>
<td>D252</td>
<td>Electroplated</td>
</tr>
<tr>
<td>PCM6.0-01-S</td>
<td>6 20 22 6 60</td>
<td>D252 (EP) or D427 (VB)</td>
<td>Electroplated or Vacuum brazed</td>
</tr>
<tr>
<td>PCM8.0-01-S</td>
<td>8 25 27 8 80</td>
<td>D427</td>
<td>Vacuum brazed</td>
</tr>
<tr>
<td>PCM10-01-S</td>
<td>10 25 27 10 80</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PCM12-01-S</td>
<td>12 40 42 12 100</td>
<td>D602</td>
<td></td>
</tr>
<tr>
<td>PCM20-01-S</td>
<td>20 45 47 20 100</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Items include cooling slot, Available also without cooling slots. Other sizes and grit sizes are available upon request.
Composite Grinding Tools

Ball Routers

Applications:
- De-burring
- Shaping
- Drilling

Used as routers on machining center with or without CNC system

**Materials:**
- GFRP
- CFRP
- Metal matrix part

**Bond:**
- Vacuum brazed tools are suitable for:
  - Roughing applications.
  -Trimming in "sandwich" materials.
  - High removal rate.
- Electro plated tools are used for finishing applications.

**Tolerance:** D = ±0.5mm

<table>
<thead>
<tr>
<th>Cat#</th>
<th>Size</th>
<th>Grit</th>
<th>Bond</th>
</tr>
</thead>
<tbody>
<tr>
<td>GR6</td>
<td>6.5</td>
<td>3</td>
<td>45 D252 Electroplated</td>
</tr>
<tr>
<td>GR10</td>
<td>10.5</td>
<td>6</td>
<td>60 D427 Vacuum brazed</td>
</tr>
</tbody>
</table>

Other sizes and grit sizes are available upon request.

Saws On A Shank

Applications:
- Trimming

**Materials:**
- Drilling
- De-burring
- Shaping
- Trimming

<table>
<thead>
<tr>
<th>Cat No.</th>
<th>D</th>
<th>T</th>
<th>W</th>
<th>Y</th>
<th>L</th>
<th>R</th>
<th>Grit</th>
<th>Bond</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP-4-30-01</td>
<td>30</td>
<td>4</td>
<td>2</td>
<td>6</td>
<td>50</td>
<td>2</td>
<td>D427</td>
<td>Vacuum brazed</td>
</tr>
</tbody>
</table>

Other sizes and grit sizes are available upon request.
Description & Use:
STRAUSS & CO’s Countersink is ideal for deburring and chamfering holes in composite materials such as Fiberglass, Epoxy and reinforced Plastic.

Other sizes, shapes and grits are available upon request.

**Composite Grinding Tools**

**Countersink**

STRAUSS & CO’s Countersink is ideal for deburring and chamfering holes in composite materials such as Fiberglass, Epoxy and reinforced Plastic.

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Type</th>
<th>Diameter (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>COU10</td>
<td>fixed Diamond coated countersink</td>
<td>Ø10.4</td>
</tr>
<tr>
<td>COU6</td>
<td>fixed Diamond coated countersink</td>
<td>Ø6.3</td>
</tr>
<tr>
<td>COU3.2</td>
<td>fixed Diamond coated countersink</td>
<td>Ø3.5</td>
</tr>
<tr>
<td>COU25</td>
<td>fixed Diamond coated countersink</td>
<td>Ø25</td>
</tr>
<tr>
<td>COUEX</td>
<td>Diamond coated roto-drive</td>
<td>Ø25</td>
</tr>
</tbody>
</table>

ED - CO - 09/17