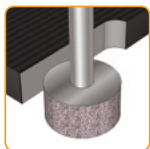


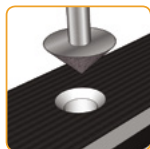
# Composite Grinding Tools

## Round End Routers

### Applications:



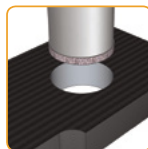
Trimming



De-burring



Shaping



Drilling

Used as routers on machining center with or without CNC system

**OR**

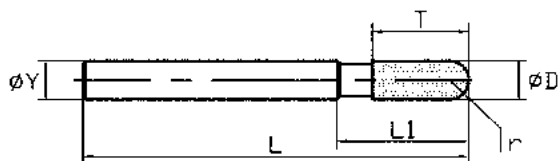
On a Manual Hand-Grinders

### Materials:

- 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.



| Cat#       | Size |    |     |    |    |     | Grit                         | Bond                              |
|------------|------|----|-----|----|----|-----|------------------------------|-----------------------------------|
|            | D    | T  | r   | L1 | Y  | L   |                              |                                   |
| PCRM3.0-01 | 3    | 10 | 1.5 | 12 | 3  | 55  | D252                         | Electroplated                     |
| PCRM6.0-01 | 6    | 20 | 3   | 22 | 6  | 60  | D252 (EP)<br>or<br>D427 (VB) | Electroplated or<br>Vacuum brazed |
| PCRM8.0-01 | 8    | 25 | 4   | 27 | 8  | 80  | D427                         | Vacuum brazed                     |
| PCRM10-01  | 10   | 25 | 5   | 27 | 10 | 80  |                              |                                   |
| PCRM12-01  | 12   | 40 | 6   | 42 | 12 | 100 | D602                         |                                   |
| PCRM20-01  | 20   | 45 | 10  | 47 | 20 | 100 |                              |                                   |

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.**  
INDUSTRIAL DIAMONDS LTD.

**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

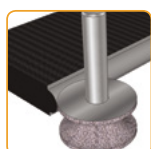
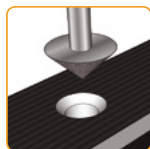
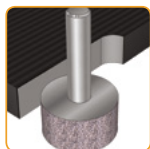
## Composite Grinding Tools

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**

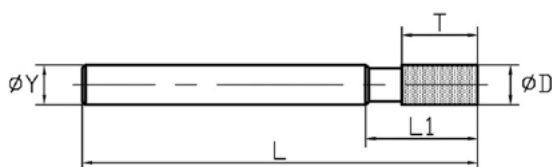
On a Manual Hand-Grinders

#### 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.



| Cat#        | Size |    |    |    |     | Grit                         | Bond                              |
|-------------|------|----|----|----|-----|------------------------------|-----------------------------------|
|             | D    | T  | L1 | Y  | L   |                              |                                   |
| PCM3.0-01-S | 3    | 10 | 12 | 3  | 55  | D252                         | Electroplated                     |
| PCM6.0-01-S | 6    | 20 | 22 | 6  | 60  | D252 (EP)<br>or<br>D427 (VB) | Electroplated or<br>Vacuum brazed |
| PCM8.0-01-S | 8    | 25 | 27 | 8  | 80  | D427                         | Vacuum brazed                     |
| PCM10-01-S  | 10   | 25 | 27 | 10 | 80  |                              |                                   |
| PCM12-01-S  | 12   | 40 | 42 | 12 | 100 | D602                         |                                   |
| PCM20-01-S  | 20   | 45 | 47 | 20 | 100 |                              |                                   |

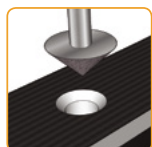
Items include cooling slot, Available also without cooling slots. Other sizes and grit sizes are available upon request.



# Composite Grinding Tools

## Ball Routers

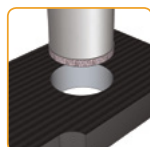
### Applications:



De-burring



Shaping



Drilling

Used as routers on machining center with or without CNC system

**OR**

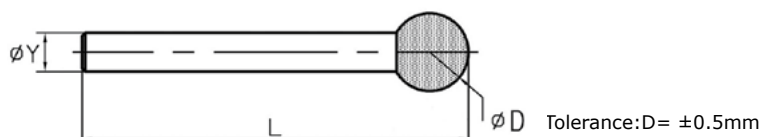
On a Manual Hand-Grinders

### 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.



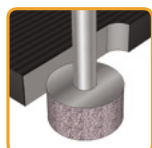
| Cat# | Size |   |    | Grit | Bond          |
|------|------|---|----|------|---------------|
|      | D    | Y | L  |      |               |
| GR6  | 6.5  | 3 | 45 | D252 | Electroplated |
| GR10 | 10.5 | 6 | 60 | D427 | Vacuum brazed |



Other sizes and grit sizes are available upon request.

## Saws On A Shank

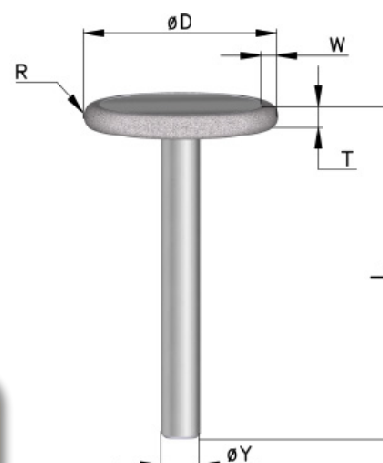
### Applications:



Trimming

| Cat No.    | D  | T | W | Y | L  | R | Grit | Bond          |
|------------|----|---|---|---|----|---|------|---------------|
| SP-4-30-01 | 30 | 4 | 2 | 6 | 50 | 2 | D427 | Vacuum brazed |

Other sizes and grit sizes are available upon request.

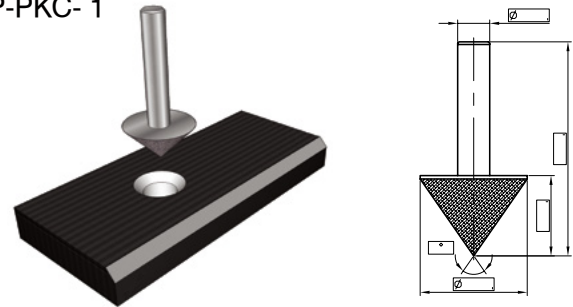


## Composite Grinding Tools

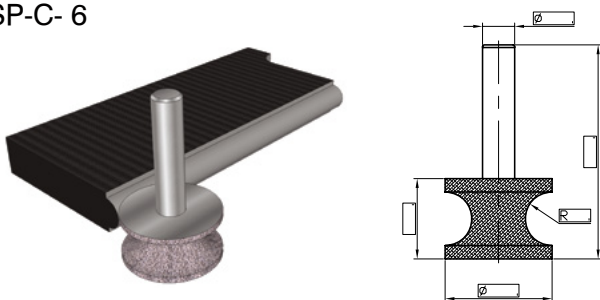
### Description & Use:

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

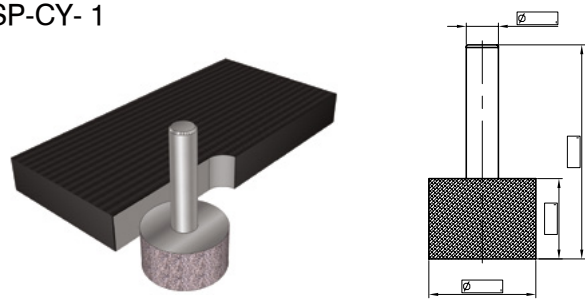
SP-PKC- 1



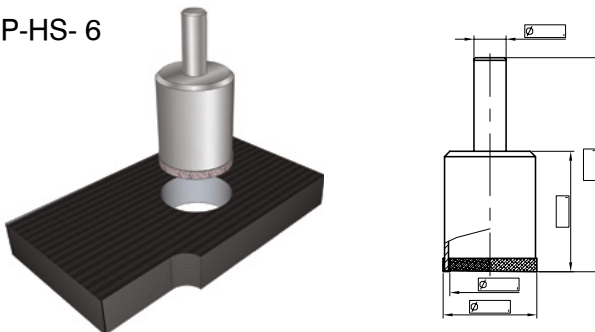
SP-C- 6



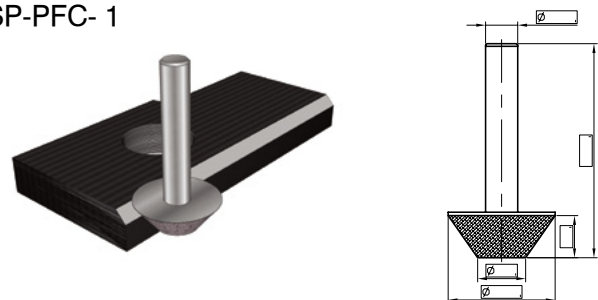
SP-CY- 1



SP-HS- 6



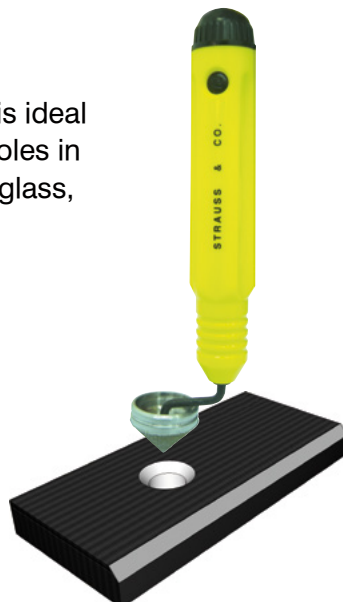
SP-PFC- 1



Other sizes shapes and grits are available upon request.

## Countersink

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



**Cat. No. COU10**  
fixed Diamond coated  
countersink Ø10.4mm



**Cat. No. COU6**  
fixed Diamond coated  
countersink Ø6.3mm



**Cat. No. COU3.2**  
fixed Diamond coated  
countersink Ø3.5mm



**Cat. No. COU25**  
fixed Diamond coated  
countersink Ø25mm



**Cat. No. COUEX**  
Diamond coated  
roto-drive Ø25mm