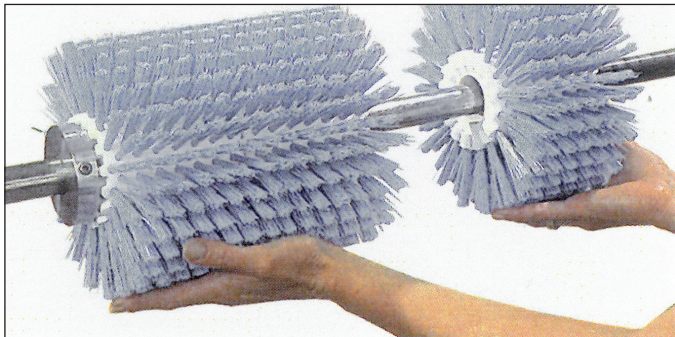


# Modular cylindrical brush

## Introduction



### Info.

These perforated roller brushes are suitable for many applications such as washing, conveying, dusting or transport.

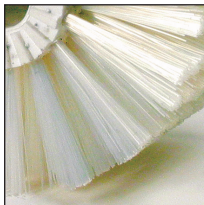
Each brush is 100mm long, longer lengths can be achieved by mounting several brushes on the same shaft. Teeth on the end of each brush ensure a quick and firm fitting. A driving collar is required at each end to hold the brushes in place and to ensure correct rotation.

### Bristles

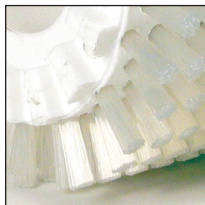
Different applications will require different combinations of bristle material and length. PBT polyester bristles are available in 2 different lengths for washing and transport applications, horsehair or Tampico is more suitable for dusting.

### Density

Each brush is available with different bristle densities; low, medium or high (see photos).



Low bristle density



Medium bristle density



High bristle density



# Modular cylindrical brush Tampico bristles

## For dusting applications

## BCM<sub>TP</sub>

- Suitable for dusting removal
- Brushes can be attached together to form longer brushes
- Materials:
  - Bristles: tampico
  - Body: polypropylene
  - Stitching wire: stainless steel 316L
- Bristle height 50 mm

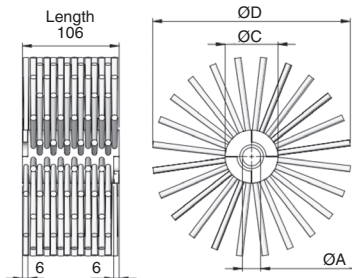
### Advantages

- Antistatic
- Tampico can be used in wet environments
- Very high abrasion resistance
- Very good sweeping power

### Accessory

- Driving collar BCM-T (tome 5 p.191)

*new training profile*



### DISCOUNTS

|       |      |     |            |
|-------|------|-----|------------|
| Qty   | 1+   | 2+  | 5+         |
| Disc. | List | -5% | On request |

| Part number    | External ØD | Body ØC | Bore ØA | Bristle density | No. of teeth | No. of rows | Stock* | Price each |
|----------------|-------------|---------|---------|-----------------|--------------|-------------|--------|------------|
| BCM30-130M/TP  | 130         | 30      | 12      | medium          | 1            | 8           | ✓      | 48,38 €    |
| BCM58-155M/TP  | 155         | 58      | 20      | medium          | 2            | 24          | -      | 39,88 €    |
| BCM78-180M/TP  | 180         | 78      | 30      | medium          | 2            | 32          | -      | 45,38 €    |
| BCM108-210M/TP | 210         | 108     | 40      | medium          | 2            | 40          | -      | 54,63 €    |

\*Depending on availability - Dimensions in mm

# Modular cylindrical brush **PBT polyester bristles**

## BCMPBT

## For transport applications

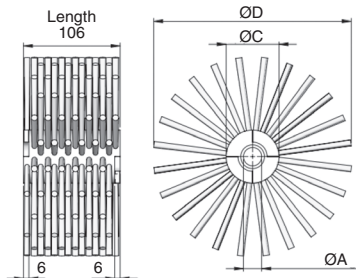
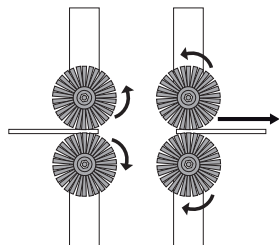
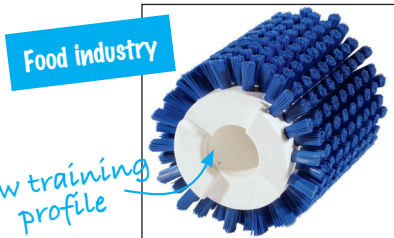
- Suitable for moving products
- Brushes can be attached together to form longer brushes
- Materials:
  - Bristles: blue PBT polyester
  - Body: polypropylene
  - Stitching wire: stainless steel 316L
- Bristle diameter 0.35 mm
- Bristle height 15 mm

### Advantages

- Does not collect moisture
- Bristles resist up to 120°C
- Recommended for use in food industries

### Accessory

- Driving collar BCM-T (tome 5 p.191)



### DISCOUNTS

|       |      |     |            |
|-------|------|-----|------------|
| Qty   | 1+   | 2+  | 5+         |
| Disc. | List | -5% | On request |

| Part number     | External ØD | Body ØC | Bore ØA | Bristle density | No. of teeth | No. of rows | Stock* | Price each |
|-----------------|-------------|---------|---------|-----------------|--------------|-------------|--------|------------|
| BCM30-60H/PBT   | 60          | 30      | 12      | high            | 1            | 16          | ✓      | 55,25 €    |
| BCM58-85H/PBT   | 85          | 58      | 20      | high            | 2            | 32          | -      | 43,25 €    |
| BCM78-110H/PBT  | 110         | 78      | 30      | high            | 2            | 48          | -      | 52,75 €    |
| BCM108-140H/PBT | 140         | 108     | 40      | high            | 2            | 56          | -      | 61,75 €    |

\*Depending on availability - Dimensions in mm

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# Modular cylindrical brush PBT polyester bristles

## For washing applications

## BCM/PBT

- Suitable for washing products
- Brushes can be attached together to form longer brushes
- Materials:
  - Bristles: blue PBT polyester
  - Body: polypropylene
  - Stitching wire: stainless steel 316L
- Bristle diameter 0.50 mm
- Bristle height 50 mm

Food industry

new training profile

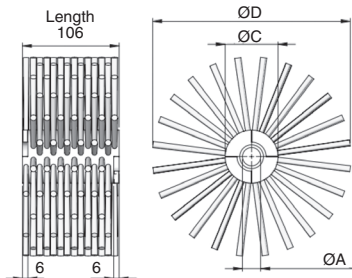
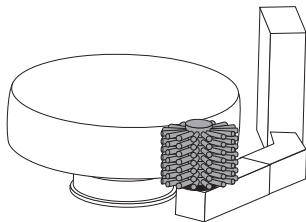


### Advantages

- Does not collect moisture
- Bristles resist up to 120°C
- Recommended for use in food industries

### Accessory

- Driving collar BCM-T (tome 5 p.191)



### DISCOUNTS

| Qty   | 1+   | 2+  | 5+         |
|-------|------|-----|------------|
| Disc. | List | -5% | On request |

| Part number     | External Body |     | Bore ØA | Bristle density | No. of teeth | No. of rows | Stock* | Price each |
|-----------------|---------------|-----|---------|-----------------|--------------|-------------|--------|------------|
|                 | ØD            | ØC  |         |                 |              |             |        |            |
| BCM30-130M/PBT  | 130           | 30  | 12      | medium          | 1            | 16          | ✓      | 48,38 €    |
| BCM58-155M/PBT  | 155           | 58  | 20      | medium          | 2            | 24          | -      | 39,88 €    |
| BCM58-155B/PBT  | 155           | 58  | 20      | low             | 2            | 16          | -      | 34,25 €    |
| BCM78-180M/PBT  | 180           | 78  | 30      | medium          | 2            | 32          | -      | 45,38 €    |
| BCM78-180B/PBT  | 180           | 78  | 30      | low             | 2            | 24          | -      | 39,13 €    |
| BCM108-210M/PBT | 210           | 108 | 40      | medium          | 2            | 40          | -      | 54,63 €    |
| BCM108-210H/PBT | 210           | 108 | 40      | low             | 2            | 32          | -      | 47,75 €    |

\*Depending on availability - Dimensions in mm

# Modular cylindrical brush Horsehair bristles



## BCMcc

## For dusting applications

- Suitable for dusting removal
- Brushes can be attached together to form longer brushes
- Materials:
  - Bristles: horsehair
  - Body: polypropylene
  - Stitching wire: stainless steel 316L
- Antistatic
- Bristle height 50 mm

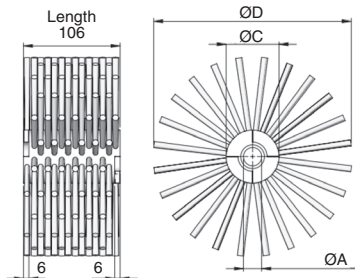
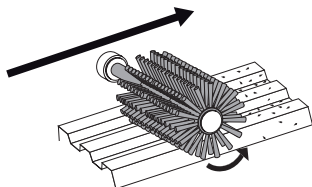
### Advantages

- Horsehair is less responsive, less rigid, and less abrasive than Tampico
- Recommended for use in for dry environments

### Accessory

- Driving collar BCM-T (tome 5 p.191)

Use in dry environments  
new training profile



### DISCOUNTS

|       |      |     |            |
|-------|------|-----|------------|
| Qty   | 1+   | 2+  | 5+         |
| Disc. | List | -5% | On request |

| Part number    | External ØD | Body ØC | Bore ØA | Bristle density | No. of teeth | No. of rows | Stock* | Price each |
|----------------|-------------|---------|---------|-----------------|--------------|-------------|--------|------------|
| BCM30-130M/CC  | 130         | 30      | 12      | medium          | 1            | 8           |        | 59,88 €    |
| BCM58-155M/CC  | 155         | 58      | 20      | medium          | 2            | 24          | -      | 62,50 €    |
| BCM78-180M/CC  | 180         | 78      | 30      | medium          | 2            | 32          | -      | 75,63 €    |
| BCM108-210M/CC | 210         | 108     | 40      | medium          | 2            | 40          | -      | 92,38 €    |

\*Depending on availability - Dimensions in mm



# Driving collar

## Driving collar for BCM cylindrical brush

BCMT

### - Driver for BCM cylindrical brush

- Materials:  
Glass fiber reinforced polypropylene (PP)

### Usage

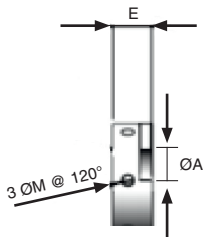
- Required for holding brushes in place and to ensure rotation

### How to choose

- Brush and collar should have identical body and bore diameters irrespective of bristle density.
- Two collars required per application.



*new training profile*



### DISCOUNTS

|       |      |     |            |
|-------|------|-----|------------|
| Qty   | 1+   | 2+  | 5+         |
| Disc. | List | -5% | On request |

| Part number | Body ØC | Bore ØA | ØM | E    | Bristle density | No. of teeth | Stock* | Price each |
|-------------|---------|---------|----|------|-----------------|--------------|--------|------------|
|             |         |         |    |      |                 |              |        |            |
| BCM30-T     | 30      | 12      | M6 | 18,5 | high            | 1            | ✓      | 31,45 €    |
|             |         |         |    |      | medium          |              |        |            |
|             |         |         |    |      | low             |              |        |            |
| BCM58-T     | 58      | 20      | M6 | 18,5 | high            | 2            | -      | 24,13 €    |
|             |         |         |    |      | medium          |              |        |            |
|             |         |         |    |      | low             |              |        |            |
| BCM78-T     | 78      | 30      | M6 | 18,5 | high            | 2            | -      | 24,50 €    |
|             |         |         |    |      | medium          |              |        |            |
|             |         |         |    |      | low             |              |        |            |
| BCM108-T    | 108     | 40      | M8 | 25   | high            | 2            | -      | 27,50 €    |
|             |         |         |    |      | medium          |              |        |            |
|             |         |         |    |      | low             |              |        |            |

\*Depending on availability - Dimensions in mm

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Bracket for aluminium profile, PRF4590



HK  
Manual locking clamp, Manual locking clamp T



SVR15  
Screwjack with travelling nut, with moving nut



PLM-C  
Cylindrical holding magnets, Cylindrical holding magnet



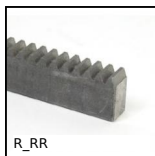
NCT  
Square tube connector, Fixed angle



DER71  
Stainless steel AC asynchronous motor



CHB  
Feet, For CHB gearbox



R\_RR  
Narrow spur rack, Steel



UCFL  
Cast iron flanged bearing, Cast iron

## Complementary products



BCM\_T  
Driving collar, Driving collar



BCM\_MPBT  
Modular cylindrical brush, PBT polyester bristles