Axial and helical strip rollerbrush

Available in two configurations with brushstrips mounted axially or twisted helically around the roller core. Particularly suited to conveyor belt cleaning, the open brush construction helps prevent clogging which may occur with scraper type cleaners. Simple assembly enables easy replacement of the brushstrips without dismantling the whole roller assembly.

### ROLLERBRUSH DIMENSIONS

<table>
<thead>
<tr>
<th>Type</th>
<th>Brush diameter</th>
<th>Brush face</th>
<th>Axial strips</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>D (Min)</td>
<td>D (Max)</td>
<td>B (Min)</td>
</tr>
<tr>
<td>3806</td>
<td>150.00</td>
<td>200.00</td>
<td>150.00</td>
</tr>
<tr>
<td>3808</td>
<td>200.00</td>
<td>300.00</td>
<td>150.00</td>
</tr>
<tr>
<td>5506</td>
<td>150.00</td>
<td>200.00</td>
<td>550.00</td>
</tr>
<tr>
<td>5508</td>
<td>200.00</td>
<td>250.00</td>
<td>550.00</td>
</tr>
<tr>
<td>5512</td>
<td>220.00</td>
<td>250.00</td>
<td>550.00</td>
</tr>
</tbody>
</table>

### FILL MATERIALS

<table>
<thead>
<tr>
<th>Synthetic</th>
<th>Steel wire</th>
</tr>
</thead>
<tbody>
<tr>
<td>Min</td>
<td>Max</td>
</tr>
<tr>
<td>0.06</td>
<td>1.40</td>
</tr>
<tr>
<td>0.06</td>
<td>0.56</td>
</tr>
</tbody>
</table>

Dimensions are in mm
Roller and tufted brushes

PRODUCT INFORMATION

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How to specify
Type 38 axial strip rollerbrush
Specify the following together with additional requirements according to your application:
- Brush type
- Fill material
- Length (A)
- Brushface (B)
- Brush position (C)
- Brush diameter (D)
- Core diameter (I)
- Shaft detail (J)

How to specify
Type 55 helical strip rollerbrush
Specify the following together with additional requirements according to your application:
- Brush type
- Fill material
- Length (A)
- Brushface (B)
- Brush position (C)
- Brush diameter (D)
- Core diameter (I)
- Shaft detail (J)
- Pitch (G)
- RH or LH helix

Technical notes

Fill materials
To ensure best performance, the selection of the fill material is of paramount importance. Characteristics such as bend recovery, resistance to abrasion and chemicals are available on request. Minimum orders may apply on certain materials and colours.

SYNTHETICS
NYLON - Durable general purpose filament with good bend recovery, flex life and abrasion resistance. Max temp 120ºC. Available in heat stabilised grades.
NYLON CONDUCTIVE - Properties of standard Nylon with a conductive coating for anti-static applications.
NYLON FR(H) - Fire retardant Nylon with low smoke density and zero halogens.
NYLON ABRASIVE - Abrasive impregnated filament for deburring and cleaning. Good fatigue and chemical resistance. Grit size 60 - 800 (SIC) or (ALO)
POLYPROPYLENE - Good chemical resistance with less water absorption than Nylon. Max temp 60ºC.

NATURAL MATERIALS
HORSEHAIR, BRISTLE, and GOAT HAIR - Excellent resistance to taking a set, good bend recovery and resistance to sunlight. Soft to medium stiffness.

METALLICS
STEEL - Crimped or flat wire.
STAINLESS STEEL - Crimped wire AISI304
PHOS BRONZE, BRASS, NI SILVER - Crimped wire

Conveyor belt cleaning with an axial strip roller prevents build-up of material deposits, increases belt life and reduce breakdowns