Cylinder brushes are made in a coiled metal back strip construction or staple set tufted construction. Coil wound and staple set tufted cylinder brushes can be used in many industrial applications. Custom brushes of this construction type are available upon request. Please see page 74-78 for custom cylinder brush forms to get your quote!

Staple Set Tufted Cylinder Brushes

Staple Set brushes are constructed with a series of individual tufts. The tufts of filament are inserted into a core which can be made of various materials. Staple set cylinders can have a variety of brush patterns. The function of the brush application combined with the fill material size determines the density and size of the tuft holes. Please see page 78 for your specific application.

Coil Wound Cylinder Brushes

Type of Metal Back Strip Attachment

After the metal back strip brush is formed, the strip is attached to a core, shaft or tube and wound under tension to make a coiled cylinder brush. The metal back brush can be wound on the core with a right or left hand spiral and a specific pitch to determine brush density.

The finished coil can be assembled to a core or shaft or unassembled for mounting to a customers shaft in the field.

Low Fill Density

Medium Fill Density

High Fill Density

Open Wound
for a Less Dense Brush

Closed Wound
for a Full Brush
Coil Wound Cylinder Brush Cores

A. Hollow core with collars to accept your specified shaft size.
   Collars:
   A1: Collars with set screws.
   A2: Collars with single keyway.
   A3: Collars with double keyway.
   A4: Isoplast ends for drive pin.

B. Hollow core with stub shafts pressed and welded into both ends of core. Shaft stubs may have single or double shaft heads.

C. Solid core, brush wound directly on shaft.

D. Hollow core supplied with removable through shaft.

A1  A2  A3  A4
Name: ____________________________ Company: ___________________________________________________________
Address: __________________________ City: __________________ State: _______ Zip: ___________________
Phone: __________________________ Fax: _________________________ Email: ________________________
Date: ____________________________

Brush Application: _____________________________________________________________

A. Brush Length: ____________________________
B. Core Length: ____________________________
C. Overall Length: ____________________________
D. Brush Diameter: ____________________________
E. Core Diameter: ____________________________
F. Brush Filament:
   1. Type:
      □ Nylon □ Polypropylene □ Polyester □ Tampico □ Horse Hair □ Brass □ Phosphorous Bronze □ Stainless Steel □ Carbon Steel □ Other: ______________
   2. Fill Diameter: ____________________________
   3. Level or Crimped: ____________________________
   4. Color Preference: ____________________________

G. Brush Channel Size:
   □ #7 W= .320” H=.340”
   □ #4 W= .194” H=.196”
   □ #3 W= .143” H=.158”
H. Lead or Pitch: ____________________________
I. Left or Right Hand Wound: ____________________________
J. Shaft Extension (left side): ____________________________
K. Shaft Diameter (left side): ____________________________
L. Shaft Extension (right side): ____________________________
M. Shaft Diameter (right side): ____________________________
N. Keyway:
   1. Length: ____________________________
   2. Width: ____________________________
   3. Depth: ____________________________
O. Core Material:
   □ Aluminum □ Stainless Steel □ Steel □ Other: ______________
P. Shaft Material:
   □ Aluminum □ Stainless Steel □ Steel □ Other: ______________
Q. I’m not sure what I want, have someone contact me!
   □ Contact Me!

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Schaefer Brush

Custom Cylinder Brush Form: Wound on Shaft

Section 15-3

Name: ___________________________ Company: ___________________________
Address: ___________________________ City: ______________________ State: ______ Zip: __________
Phone: ___________________________ Fax: ______________________ Email: ______________________
Date: ___________________________

Brush Application: ____________________________________________________________________________________________________

A. Length of Brush Face: _________________________________
B. Overall Length of Shaft: ________________________________
C. Shaft Extension (left): __________________________________
D. Shaft Extension (right): _________________________________
E. Shaft Diameter (left): ___________________________________
F. Shaft Diameter (right): _________________________________
G. Brush Diameter: ______________________________________
H. Shaft Material:
   □ Aluminum
   □ Stainless Steel
   □ Other: _________________________
I. Keyway:
   1. Length: ___________________________________________
   2. Width: _____________________________________________
   3. Depth: _____________________________________________
J. Brush Channel Size:
   □ #7 W= .320” H= .340”
   □ #4 W= .194” H= .196”
   □ #3 W= .143” H= .158”
K. Brush Filament:
   □ Nylon
   □ Polypropylene
   □ Polyester
   □ Tampico
   □ Horse Hair
   □ Brass
   □ Phosphorous Bronze
   □ Stainless Steel
   □ Carbon Steel
   □ Other: _________________________
L. Lead: _______________________________________________
M. Left or Right Hand Wound: _______________________________
N. I'm not sure what I want, have someone contact me!
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Custom Cylinder Brush Form: Wound on Core

Section 15-4

Name: ___________________________ Company: ___________________________

Address: ___________________________ City: ______________ State: _______ Zip: __________

Phone: ___________________________ Fax: __________________________ Email: __________________________

Date: ___________________________

Brush Application: ________________________________________________________________

A. Brush Length: ___________________________

B. Core Length: ___________________________

C. Core Diameter: ___________________________

D. Core Inside Diameter: ___________________________

E. Brush Diameter: ___________________________

F. Brush Filament:

1. Type:
   - [ ] Nylon
   - [ ] Polypropylene
   - [ ] Polyester
   - [ ] Tampico
   - [ ] Horse Hair
   - [ ] Other: ___________________________

2. Fill Diameter: ___________________________

3. Level or Crimped: ___________________________

4. Color Preference: ___________________________

G. Brush Channel Size:
   - [ ] #7 W=.320” H=.340”
   - [ ] #4 W=.194” H=.196”
   - [ ] #3 W=.143” H=.158”

H. Lead or Pitch: ___________________________

I. Left or Right Hand Wound: ___________________________

J. Collars:

1. Set Screw Size: ___________________________

2. Single Keyway Size: ___________________________

3. Double Keyway Size: ___________________________

4. Isoplast Drive Pin Size: ___________________________

K. I'm not sure what I want, have someone contact me!

   - [ ] Contact Me!

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Custom Cylinder Brush Form: Wound Loose Coil

Section 15-5

Brush Application: _____________________________________________________________________________________________________

A. Brush Diameter: _____________________________________

B. Inside Diameter: _____________________________________

C. Overall Length: ______________________________________

D. Lead or Pitch: _______________________________________

E. Left Hand Wound or Right Hand Wound:
   □ Left Hand  □ Right Hand

F. Brush Channel Size:
   □ #7 W= .320” H= .340”
   □ #4 W= .194” H= .196”
   □ #3 W= .143” H= .158”

G. Brush Filament:
   1. Type:
      □ Nylon          □ Brass
      □ Polypropylene  □ Phosphorous Bronze
      □ Polyester      □ Stainless Steel
      □ Tampico        □ Carbon Steel
      □ Horse Hair      □ Other: _________________

   2. Fill Diameter: _____________________________________

   3. Level or Crimped: ___________________________________

   4. Color Preference: _____________________________

H. I’m not sure what I want, have someone contact me!
   □ Contact Me!

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Custom Cylinder Brush Form: Staple Set Brush Pattern

Name: ____________________________________________  Company: _______________________________________________________

Address: __________________________________________________ City: ___________________ State: _______  Zip: ____________________

Phone: ____________________________  Fax:  _________________________ Email:  _____________________________________________

Date: __________________________________

Brush Application: ________________________________________________________________

A. Brush Length: ______________________________________
B. Core Length: _________________________________________
C. Overall Length: ______________________________________
D. Shaft Diameter: ______________________________________
E. Shaft Length (left side): ________________________________
F. Shaft Length (right side): ______________________________
G. Core Diameter: ______________________________________
H. Brush Diameter: _____________________________________
I. Keyway:
   1. Length: ___________________________________________
   2. Width: ____________________________________________
   3. Depth: ____________________________________________
   4. Left side or right side or both:
      □ Left Side  □ Right Side  □ Both
J. Hole Spacing: _______________________________________
K. Row Spacing: _______________________________________
L. Pattern:
   □ Chevron  □ Staggered  □ Helical

M. Tuft hole diameter: __________________________________

N. Core Material:
   □ PVC  □ Nylon  □ Wood  □ Other:_____________________

O. Brush Filament:
   1. Type:
      □ Nylon  □ Polypropylene  □ Brass  □ Phosphorous Bronze
      □ Polyester  □ Stainless Steel  □ Tampico  □ Carbon Steel
      □ Horse Hair  □ Other:_____________________
   2. Diameter: _______________________________________
   3. Level or crimped: _________________________________
   4. Color preference: ________________________________

P. Shaft material, if required:
   □ Aluminum  □ Steel  □ Other:_____________________
   □ Brass  □ Stainless Steel  □ Other:_____________________
   □ None Required

Q. I’m not sure what I want, have someone contact me!
   □ Contact Me!

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