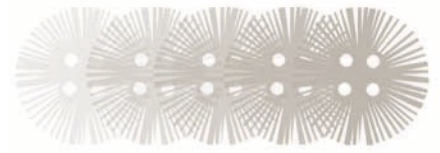


# Schaefer Brush



## Cylinder Brushes

Section 15

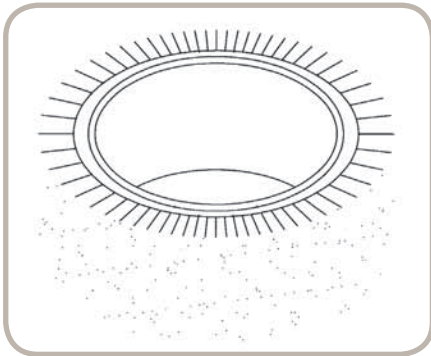
**Custom brushes can be made to your specifications. Call for details!**

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!

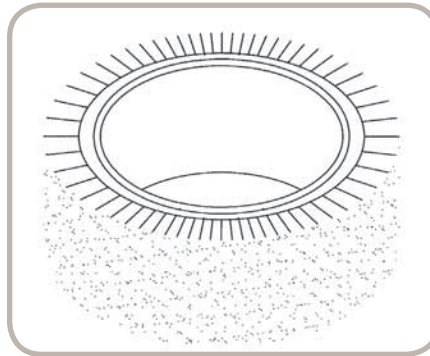


## Staple Set Tufted Cylinder Brushes

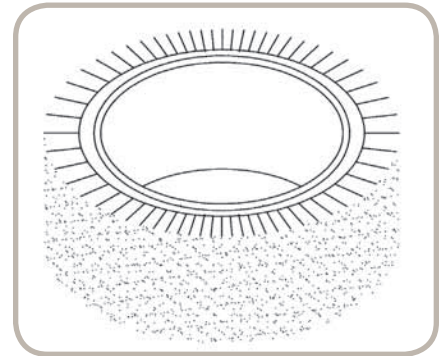
Staple Set brushes are constructed with a series of individual tufts. The tufts of filament are inserted into a core which can be made of various materials. Staple set cylinders can have a variety of brush patterns. The function of the brush application combined with the fill material size determines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



Low Fill Density



Medium Fill Density



High Fill Density

## 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 customer's shaft in the field.



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.

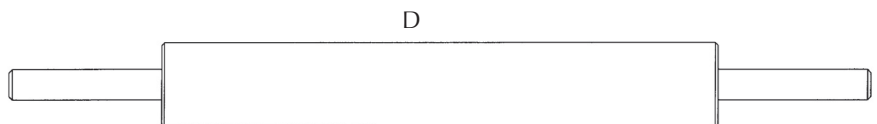
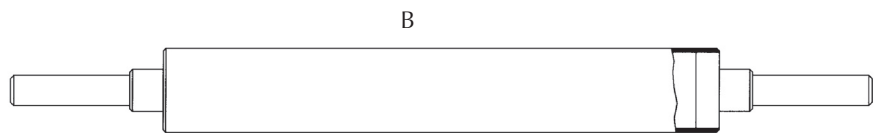
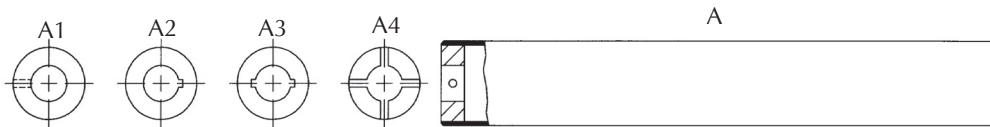
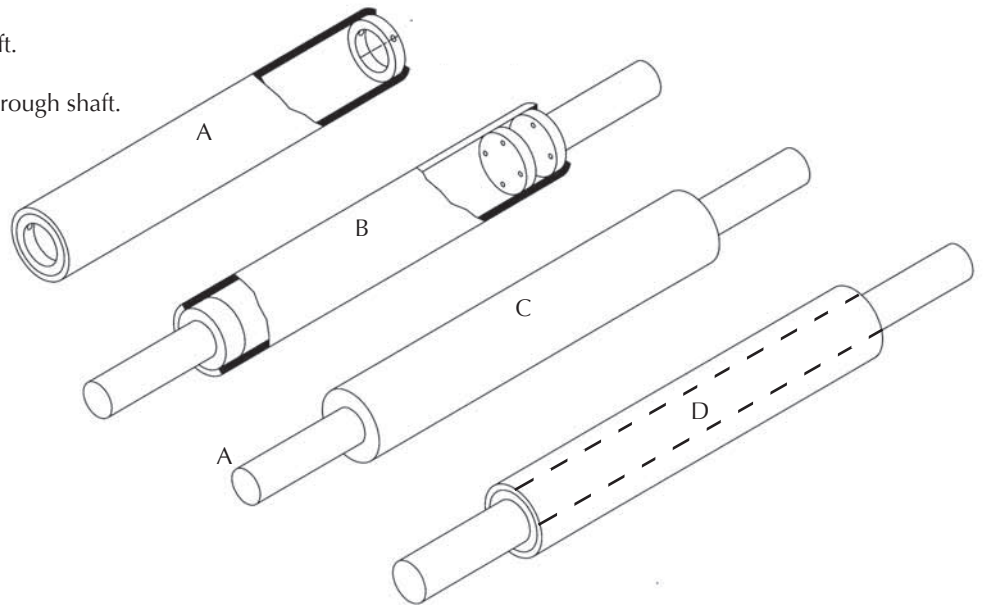
Collars:

- 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.



# Schaefer Brush



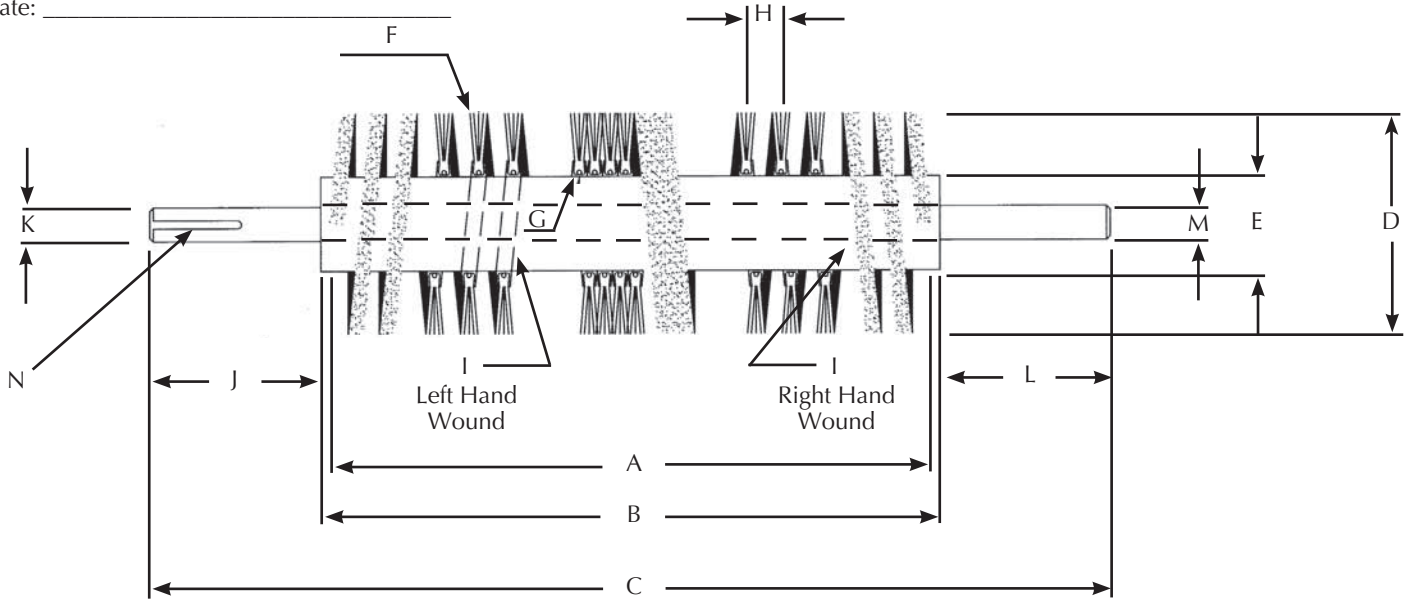
## Custom Cylinder Brush Form: Wound on Core with Shaft Section 15-2

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:

- |  |   |
|--|---|
| <input type="checkbox"/> Nylon         | <input type="checkbox"/> Brass              |
| <input type="checkbox"/> Polypropylene | <input type="checkbox"/> Phosphorous Bronze |
| <input type="checkbox"/> Polyester     | <input type="checkbox"/> Stainless Steel    |
| <input type="checkbox"/> Tampico       | <input type="checkbox"/> Carbon Steel       |
| <input type="checkbox"/> Horse Hair    | <input type="checkbox"/> 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:

- |  |                                       |
|--|---------------------------------------|
| <input type="checkbox"/> Aluminum        | <input type="checkbox"/> Steel        |
| <input type="checkbox"/> Stainless Steel | <input type="checkbox"/> Other: _____ |

P. Shaft Material:

- |  |                                       |
|--|---------------------------------------|
| <input type="checkbox"/> Aluminum        | <input type="checkbox"/> Steel        |
| <input type="checkbox"/> Stainless Steel | <input type="checkbox"/> Other: _____ |

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

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## Custom Cylinder Brush Form: Wound on Shaft

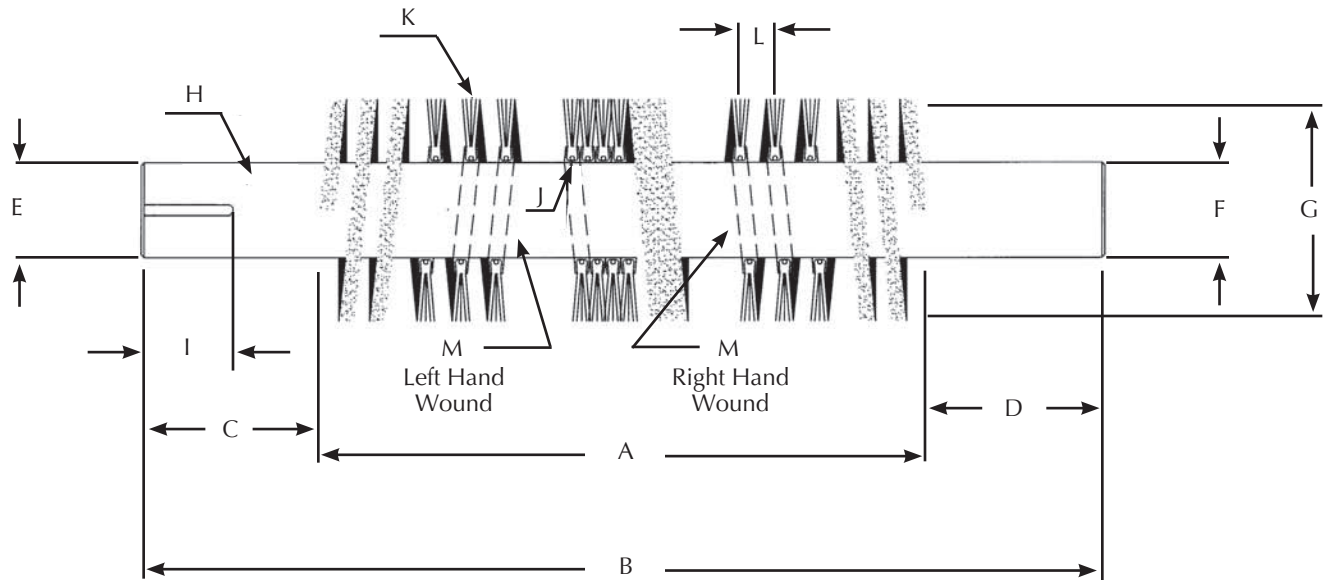
Section 15-3

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       Steel  
 Stainless Steel       Other: \_\_\_\_\_

I. Keyway:

- Length: \_\_\_\_\_
- Width: \_\_\_\_\_
- Depth: \_\_\_\_\_

J. Brush Channel Size:

- #7 W=.320" H=.340"  
 #4 W=.194" H=.196"  
 #3 W=.143" H=.158"

K. Brush Filament:

- |  |   |
|--|---|
| <input type="checkbox"/> Nylon         | <input type="checkbox"/> Brass              |
| <input type="checkbox"/> Polypropylene | <input type="checkbox"/> Phosphorous Bronze |
| <input type="checkbox"/> Polyester     | <input type="checkbox"/> Stainless Steel    |
| <input type="checkbox"/> Tampico       | <input type="checkbox"/> Carbon Steel       |
| <input type="checkbox"/> Horse Hair    | <input type="checkbox"/> 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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 Email brushes@schaeferbrush.com www.schaeferbrush.com

# Schaefer Brush



## Custom Cylinder Brush Form: Wound on Core

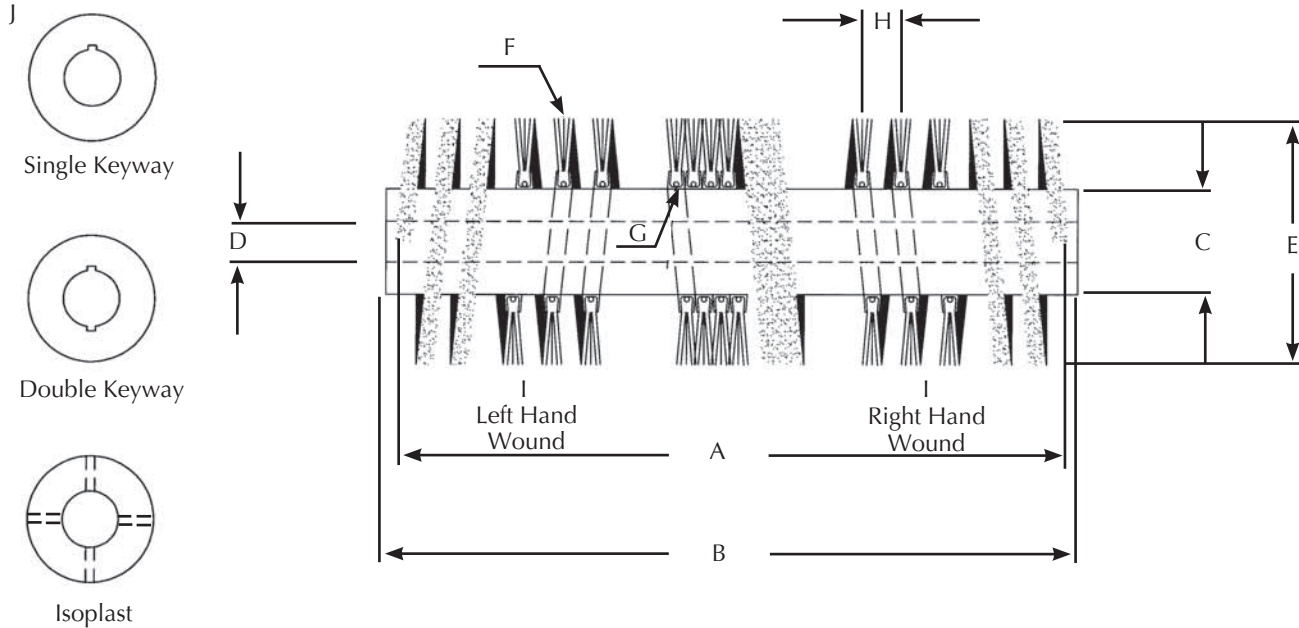
Section 15-4

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:

- |  |   |
|--|---|
| <input type="checkbox"/> Nylon         | <input type="checkbox"/> Brass              |
| <input type="checkbox"/> Polypropylene | <input type="checkbox"/> Phosphorous Bronze |
| <input type="checkbox"/> Polyester     | <input type="checkbox"/> Stainless Steel    |
| <input type="checkbox"/> Tampico       | <input type="checkbox"/> Carbon Steel       |
| <input type="checkbox"/> Horse Hair    | <input type="checkbox"/> 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!

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# Schaefer Brush



## Custom Cylinder Brush Form: Wound Loose Coil

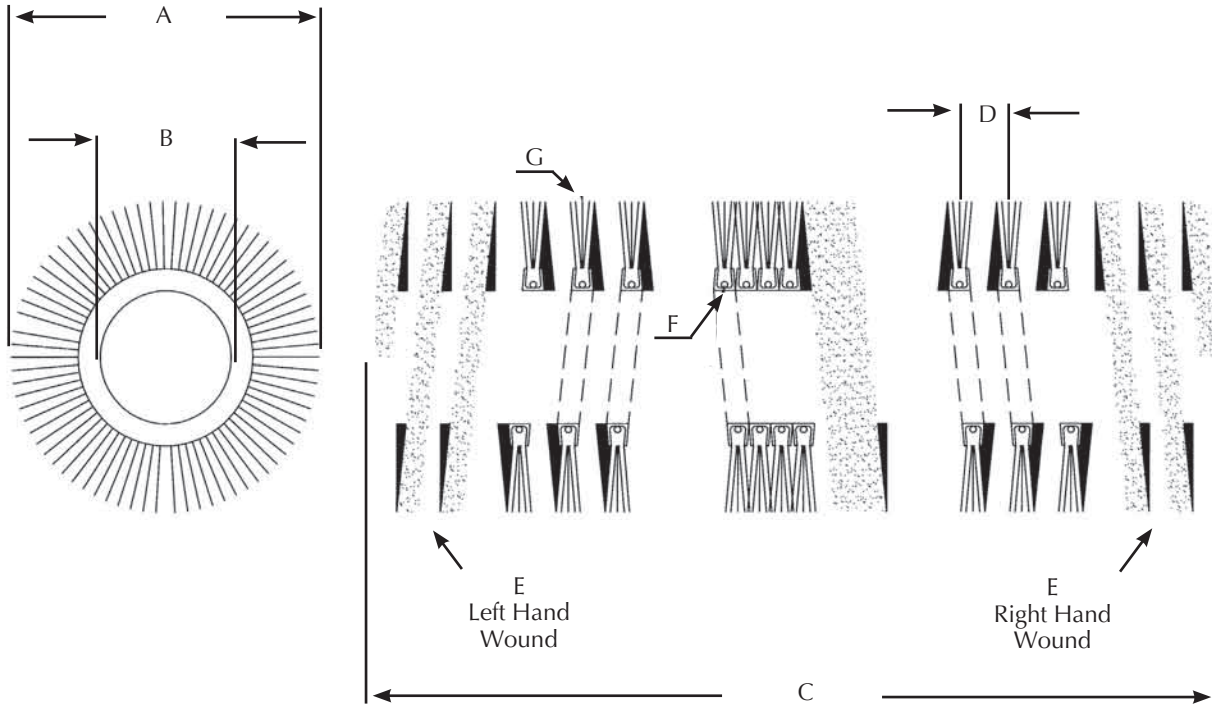
Section 15-5

Name: \_\_\_\_\_ Company: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

Date: \_\_\_\_\_



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:

- |  |   |
|--|---|
| <input type="checkbox"/> Nylon         | <input type="checkbox"/> Brass              |
| <input type="checkbox"/> Polypropylene | <input type="checkbox"/> Phosphorous Bronze |
| <input type="checkbox"/> Polyester     | <input type="checkbox"/> Stainless Steel    |
| <input type="checkbox"/> Tampico       | <input type="checkbox"/> Carbon Steel       |
| <input type="checkbox"/> Horse Hair    | <input type="checkbox"/> 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!

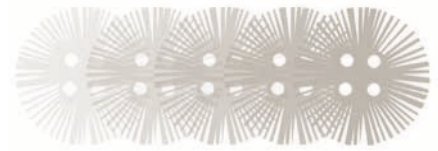
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# Schaefer Brush



## Custom Cylinder Brush Form: Staple Set Brush Pattern

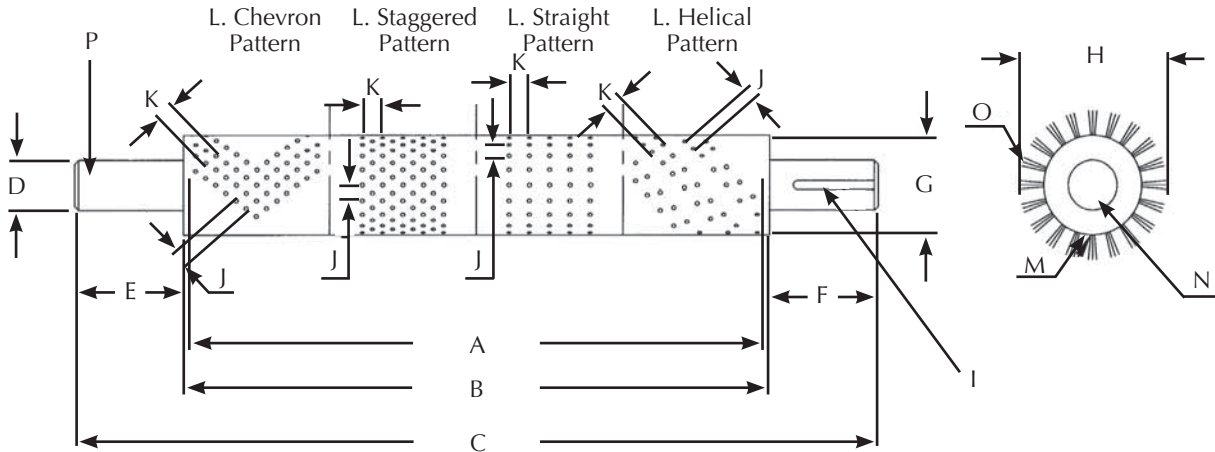
Section 15-6

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  Straight  
 Staggered  Helical

M. Tuft hole diameter: \_\_\_\_\_

N. Core Material:

PVC  Wood  
 Nylon  Other: \_\_\_\_\_

O. Brush Filament:

1. Type:

Nylon  Brass  
 Polypropylene  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  
 Brass  Other: \_\_\_\_\_

Stainless Steel  None Required

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

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